

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021120\
 Data File : BF118893.D
 Acq On : 11 Feb 2020 19:36
 Operator : CG/JU
 Sample : L1484-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3MS

Quant Time: Feb 12 06:50:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	276613	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	1072059	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	606049	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	1106766	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	685467	20.00	ng	0.00
87) Perylene-d12	15.42	264	776679	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1719936	117.70	ng	0.00
7) Phenol-d6	6.45	99	2151471	118.60	ng	0.00
23) Nitrobenzene-d5	7.37	82	1428822	79.44	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	774661	106.83	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2640802	77.90	ng	-0.02
79) Terphenyl-d14	12.92	244	2889875	86.60	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	247923	37.228	ng	99
3) Pyridine	3.32	79	677494	36.637	ng	99
4) n-Nitrosodimethylamine	3.24	42	300224	44.592	ng	97
6) Aniline	6.47	93	619292	26.507	ng	# 40
8) 2-Chlorophenol	6.59	128	771763	47.416	ng	98
9) Benzaldehyde	6.35	77	347276	30.640	ng	98
10) Phenol	6.46	94	902946	44.767	ng	85
11) bis(2-Chloroethyl)ether	6.54	93	745514	48.312	ng	100
12) 1,3-Dichlorobenzene	6.75	146	826076	42.639	ng	100
13) 1,4-Dichlorobenzene	6.82	146	834768	43.196	ng	99
14) 1,2-Dichlorobenzene	6.98	146	773295	41.889	ng	99
15) Benzyl Alcohol	6.95	79	638858	45.563	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	834742	44.172	ng	95
17) 2-Methylphenol	7.07	107	618400	45.699	ng	98
18) Hexachloroethane	7.32	117	291997	42.099	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	499867	45.037	ng	99
20) 3+4-Methylphenols	7.22	107	745739	43.966	ng	# 86
22) Acetophenone	7.22	105	977724	41.977	ng	97
24) Nitrobenzene	7.39	77	783745	43.619	ng	100
25) Isophorone	7.63	82	1420655	43.949	ng	100
26) 2-Nitrophenol	7.70	139	428007	44.703	ng	99
27) 2,4-Dimethylphenol	7.75	122	662239	50.918	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	885332	42.238	ng	99
29) 2,4-Dichlorophenol	7.95	162	683239	43.866	ng	100
30) 1,2,4-Trichlorobenzene	8.03	180	751422	41.274	ng	99
31) Naphthalene	8.11	128	2170230	44.262	ng	100
32) Benzoic acid	7.89	122	456554	42.398	ng	98
33) 4-Chloroaniline	8.16	127	328978	14.997	ng	99
34) Hexachlorobutadiene	8.23	225	440000	39.448	ng	99
35) Caprolactam	8.53	113	148147	29.340	ng	96
36) 4-Chloro-3-methylphenol	8.65	107	686324	43.785	ng	99
37) 2-Methylnaphthalene	8.80	142	1494751	43.956	ng	98
38) 1-Methylnaphthalene	8.90	142	1399050	43.734	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	759078	41.500	ng	99

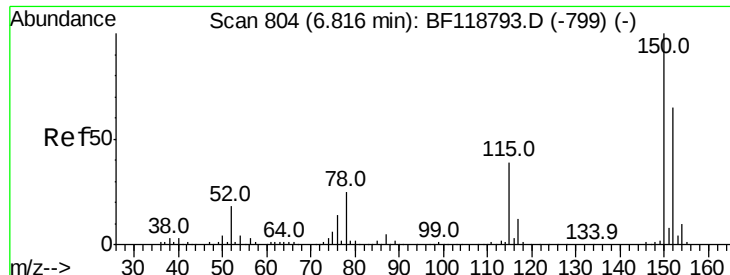
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021120\
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 Acq On : 11 Feb 2020 19:36
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	327752	45.698	nq	98
43) 2,4,6-Trichlorophenol	9.08	196	512822	41.927	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	545248	43.628	nq	96
46) 1,1'-Biphenyl	9.26	154	1770198	42.225	nq	99
47) 2-Chloronaphthalene	9.29	162	1446687	41.509	nq	97
48) 2-Nitroaniline	9.39	65	420751	41.857	nq	93
49) Acenaphthylene	9.70	152	2192321	43.566	nq	99
50) Dimethylphthalate	9.57	163	1869570	45.305	nq	99
51) 2,6-Dinitrotoluene	9.63	165	408750	43.290	nq	97
52) Acenaphthene	9.88	154	1342734	40.493	nq	99
53) 3-Nitroaniline	9.79	138	216573	20.682	nq	94
54) 2,4-Dinitrophenol	9.90	184	209127	46.072	nq	97
55) Dibenzofuran	10.05	168	2010092	41.945	nq	99
56) 4-Nitrophenol	9.97	139	608892	80.342	nq	98
57) 2,4-Dinitrotoluene	10.03	165	540464	43.253	nq	# 87
58) Fluorene	10.39	166	1551030	43.021	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	463108	42.431	nq	99
60) Diethylphthalate	10.27	149	1674614	41.733	nq	99
61) 4-Chlorophenyl-phenylether	10.38	204	805021	41.174	nq	100
62) 4-Nitroaniline	10.41	138	357610	34.102	nq	97
63) Azobenzene	10.55	77	1520981	44.398	nq	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	188741	30.349	nq	96
66) n-Nitrosodiphenylamine	10.50	169	1423318	44.397	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	557250	42.562	nq	95
68) Hexachlorobenzene	10.95	284	613332	40.842	nq	99
69) Atrazine	11.03	200	509668	47.719	nq	99
70) Pentachlorophenol	11.14	266	592367	74.706	nq	99
71) Phenanthrene	11.36	178	2534514	46.544	nq	99
72) Anthracene	11.40	178	2388461	44.090	nq	99
73) Carbazole	11.56	167	2054071	43.205	nq	98
74) Di-n-butylphthalate	11.89	149	2510732	41.457	nq	100
75) Fluoranthene	12.55	202	2601457	43.755	nq	99
77) Benzidine	12.66	184	747271	36.044	nq	99
78) Pyrene	12.77	202	2478376	52.704	nq	100
80) Butylbenzylphthalate	13.39	149	986171	45.946	nq	99
81) Benzo(a)anthracene	13.96	228	1908278	46.784	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	489790	29.359	nq	99
83) Chrysene	14.00	228	1822274	44.513	nq	100
84) Bis(2-ethylhexyl)phthalate	13.95	149	1285916	47.222	nq	100
85) Di-n-octyl phthalate	14.56	149	1993147	42.725	nq	99
86) Indeno(1,2,3-cd)pyrene	16.87	276	2270278	55.195	nq	100
88) Benzo(b)fluoranthene	15.00	252	2035139	42.228	nq	99
89) Benzo(k)fluoranthene	15.03	252	1820308	43.374	nq	99
90) Benzo(a)pyrene	15.36	252	1846729	44.774	nq	100
91) Dibenzo(a,h)anthracene	16.89	278	1841138	50.284	nq	100
92) Benzo(g,h,i)perylene	17.31	276	1453800	41.286	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

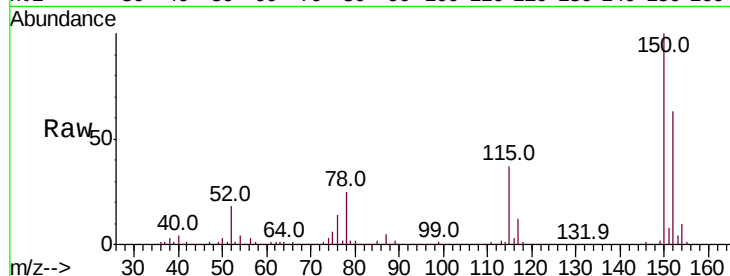


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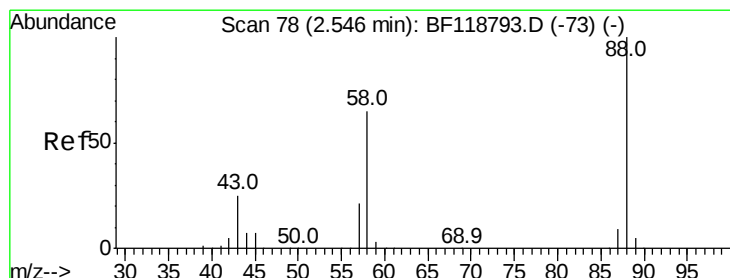
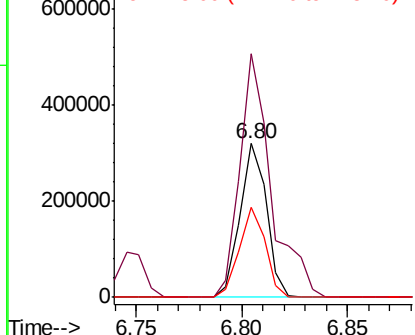
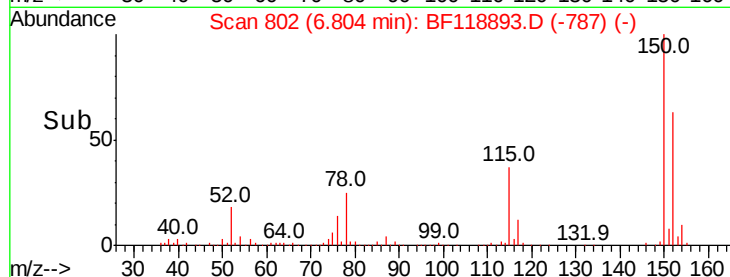
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF118893.D
Acq: 11 Feb 2020 19:36

Instrument :
BNA_F
ClientSampleId :
SP-3MS

Tot Ion:152 Resp: 276613
Ion Ratio Lower Upper
152 100
150 158.3 123.6 185.4
115 58.3 48.2 72.2



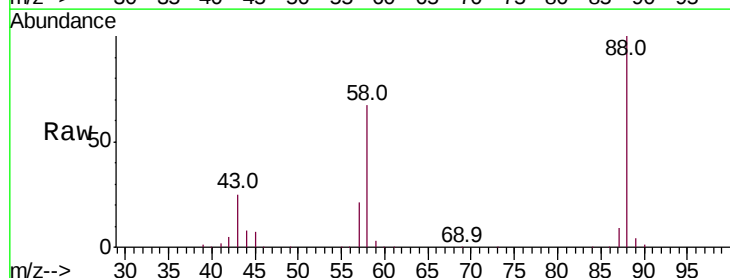
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



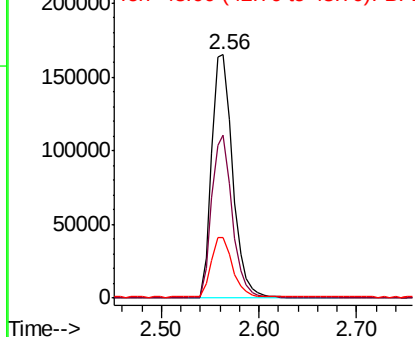
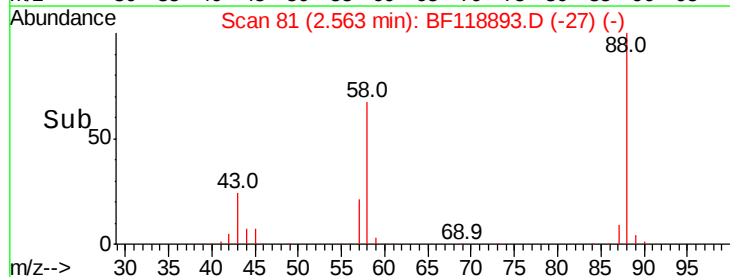
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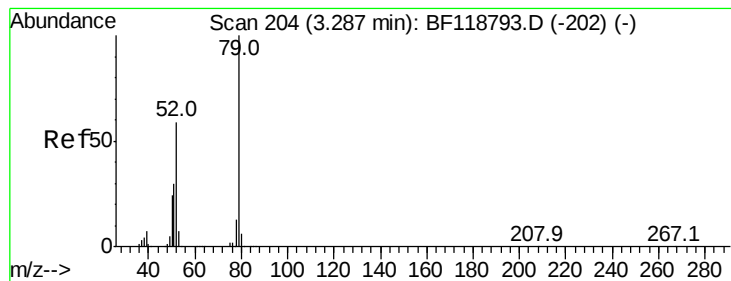
1,4-Dioxane
Concen: 37.228 ng
RT: 2.56 min Scan# 81
Delta R.T. 0.02 min
Lab File: BF118893.D
Acq: 11 Feb 2020 19:36

Tgt Ion: 88 Resp: 247923
Ion Ratio Lower Upper
88 100
58 65.6 51.6 77.4
43 24.9 19.8 29.6



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 36.637 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.03 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

Instrument :

BNA_F

ClientSampleId :

SP-3MS

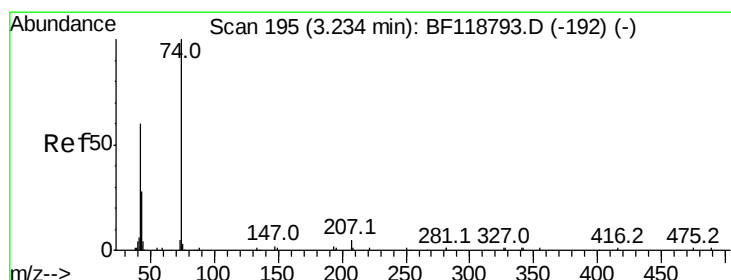
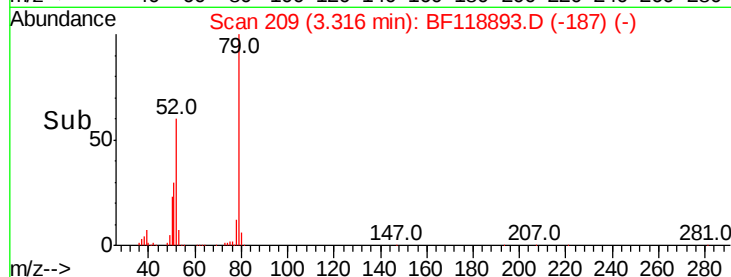
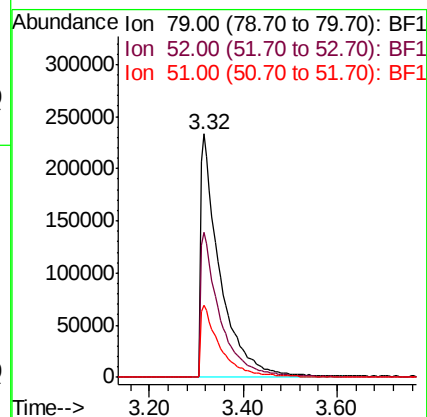
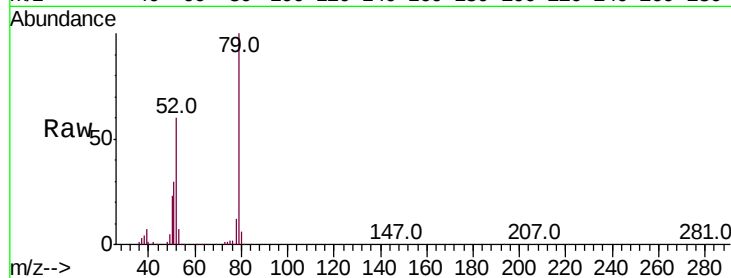
Tot Ion: 79 Resp: 677494

Ion Ratio Lower Upper

79 100

52 59.7 47.4 71.0

51 29.8 24.2 36.4



#4

n-Nitrosodimethylamine

Concen: 44.592 ng

RT: 3.24 min Scan# 196

Delta R.T. 0.01 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

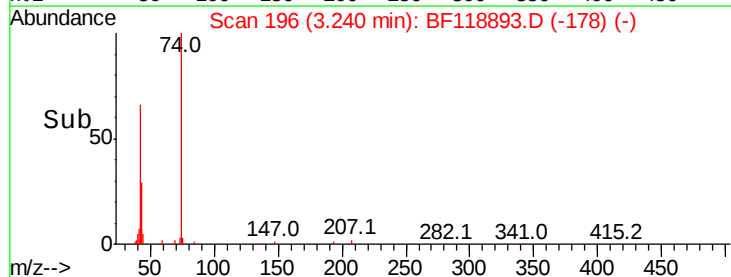
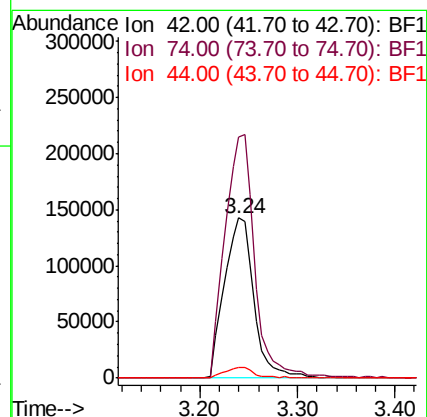
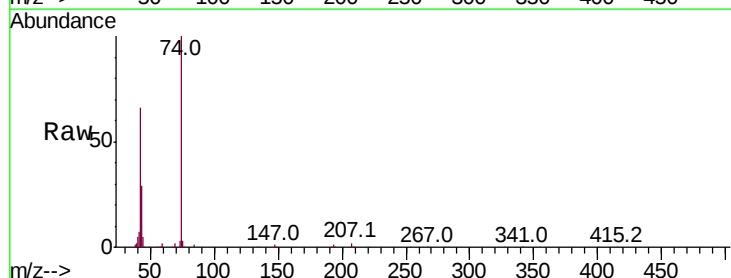
Tgt Ion: 42 Resp: 300224

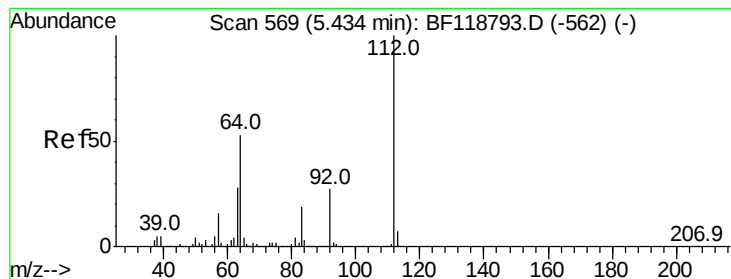
Ion Ratio Lower Upper

42 100

74 151.0 124.3 186.5

44 6.9 5.3 7.9





#5

2-Fluorophenol

Concen: 117.699 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

Instrument :

BNA_F

ClientSampleId :

SP-3MS

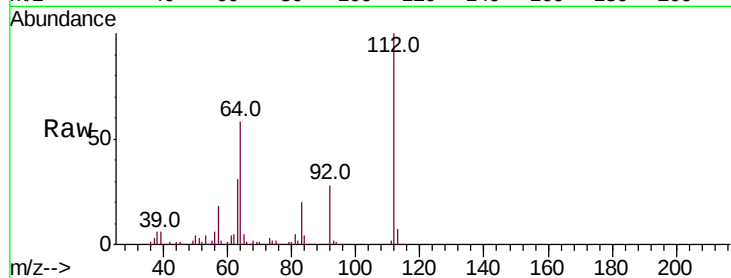
Tot Ion:112 Resp: 1719936

Ion Ratio Lower Upper

112 100

64 58.1 42.6 63.8

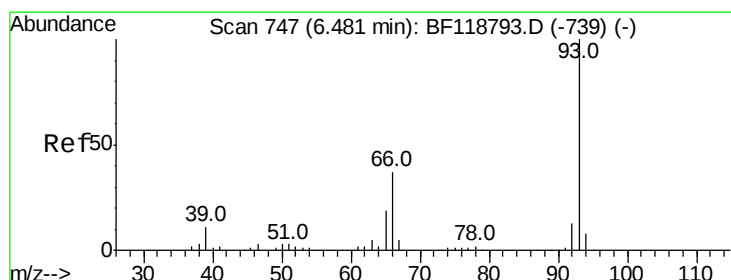
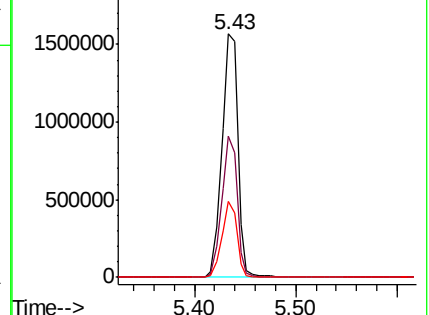
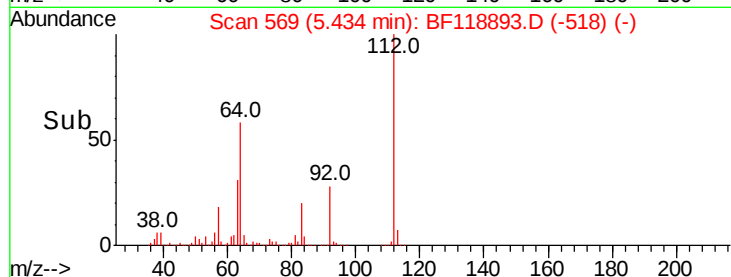
63 31.0 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.507 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

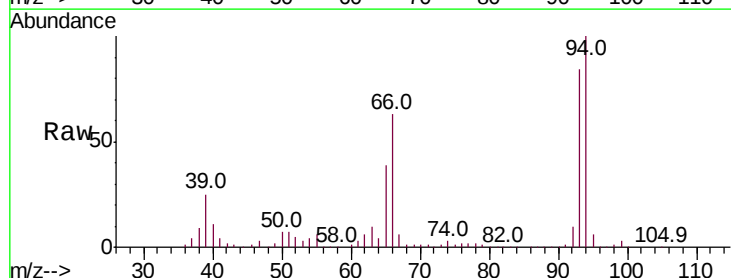
Tgt Ion: 93 Resp: 619292

Ion Ratio Lower Upper

93 100

66 74.7 30.8 46.2#

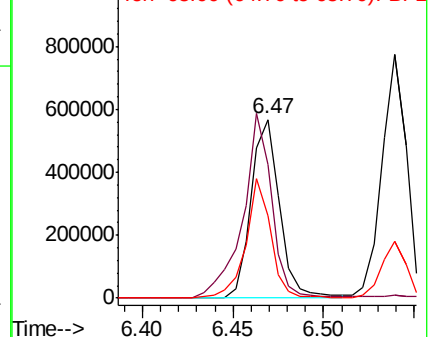
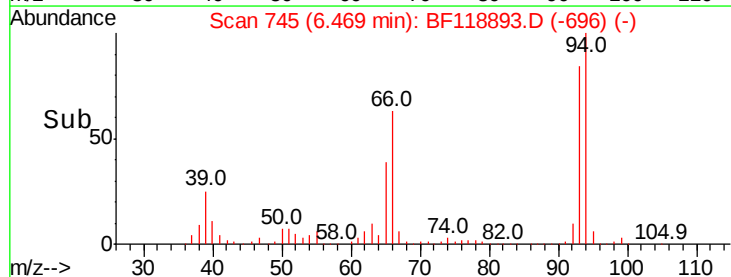
65 46.1 15.4 23.0#

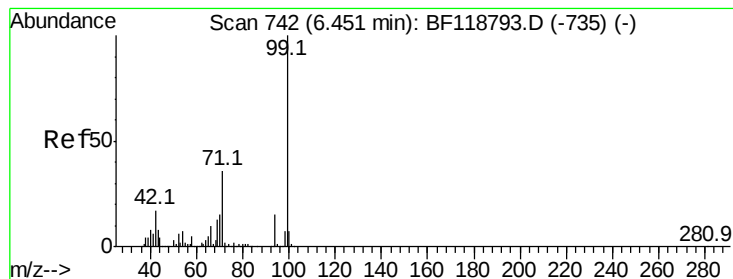


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 118.604 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

Instrument :

BNA_F

ClientSampleId :

SP-3MS

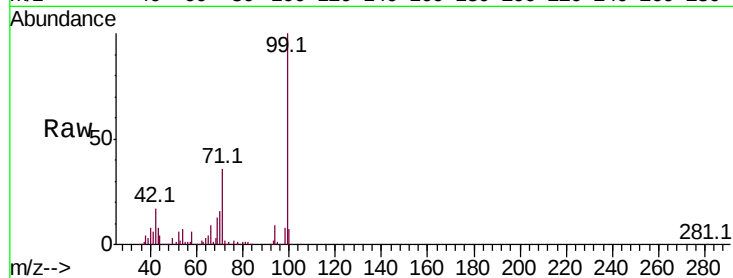
Tot Ion: 99 Resp: 2151471

Ion Ratio Lower Upper

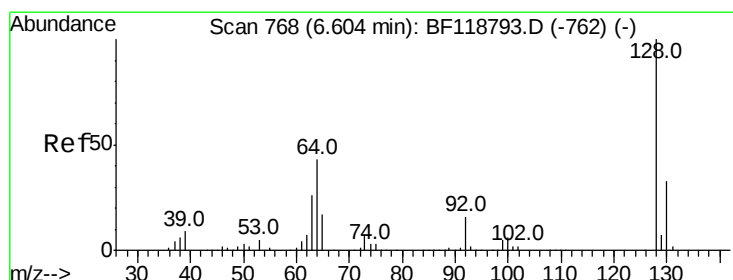
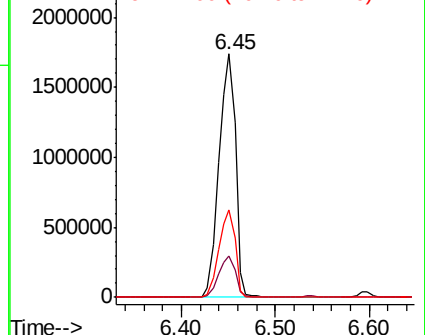
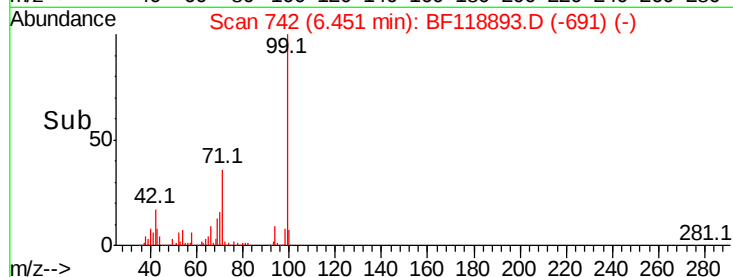
99 100

42 17.1 13.4 20.0

71 36.1 29.0 43.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 47.416 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

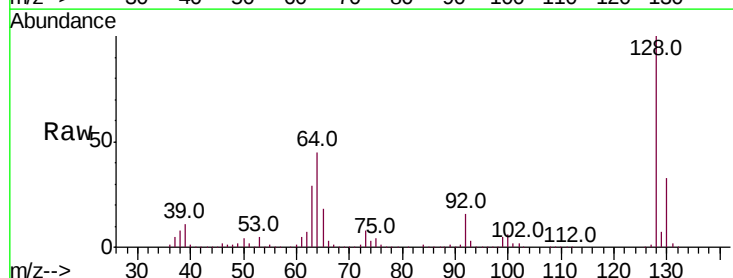
Tgt Ion: 128 Resp: 771763

Ion Ratio Lower Upper

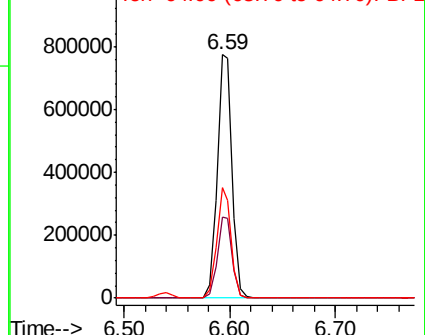
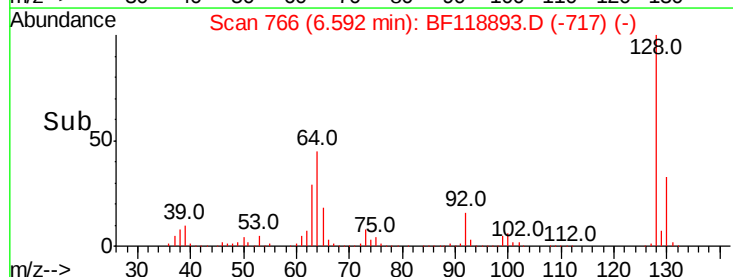
128 100

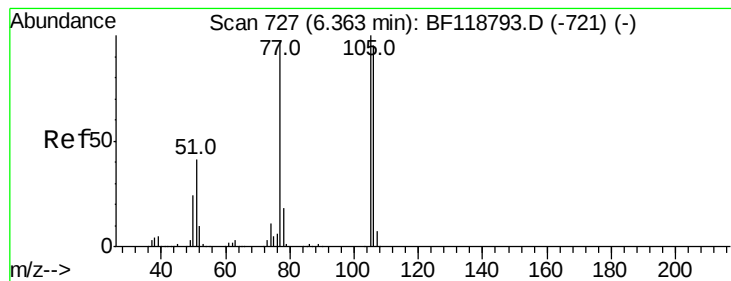
130 33.3 13.1 53.1

64 45.2 23.0 63.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 30.640 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

Instrument :

BNA_F

ClientSampled :

SP-3MS

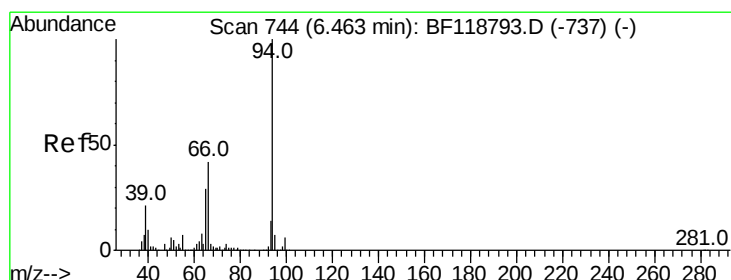
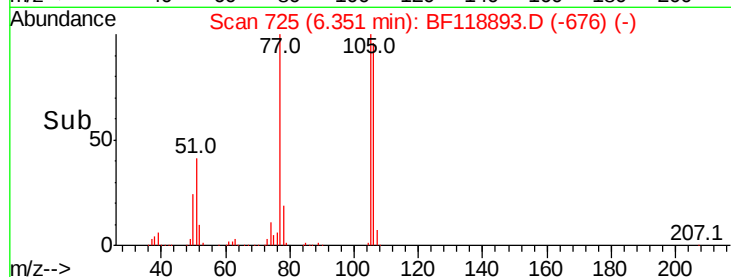
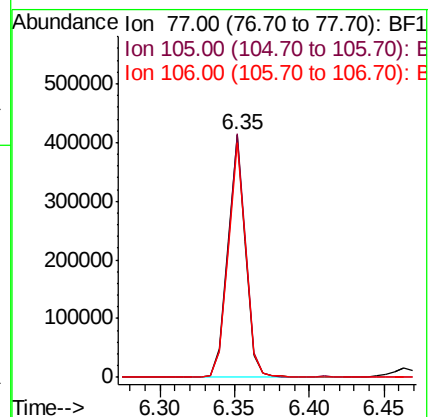
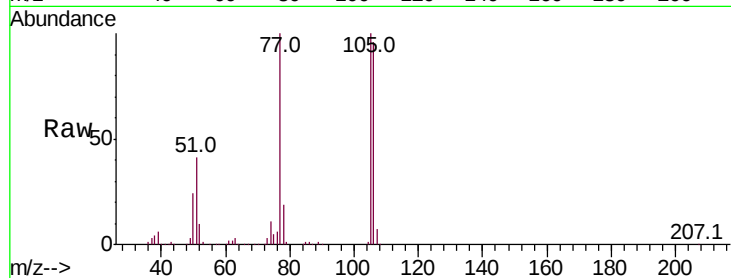
Tot Ion: 77 Resp: 347276

Ion Ratio Lower Upper

77 100

105 100.2 82.8 122.8

106 96.4 78.1 118.1



#10

Phenol

Concen: 44.767 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

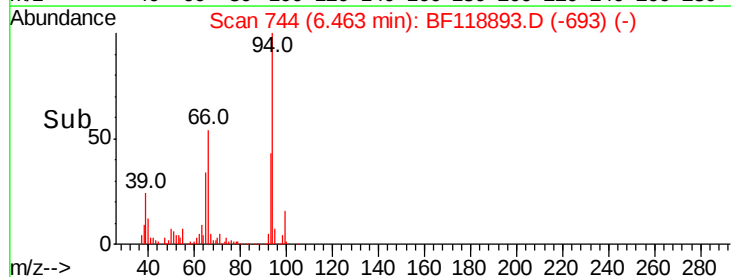
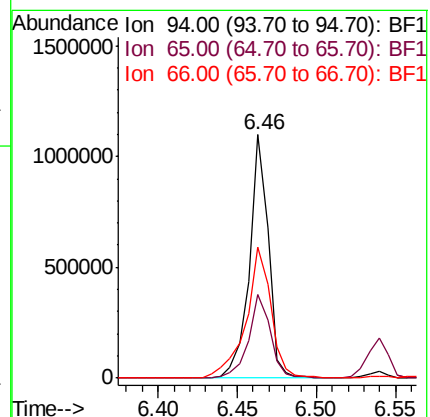
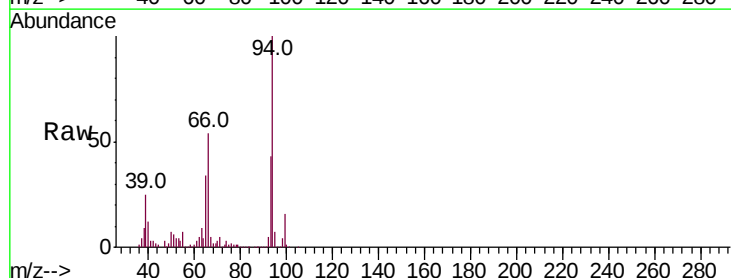
Tgt Ion: 94 Resp: 902946

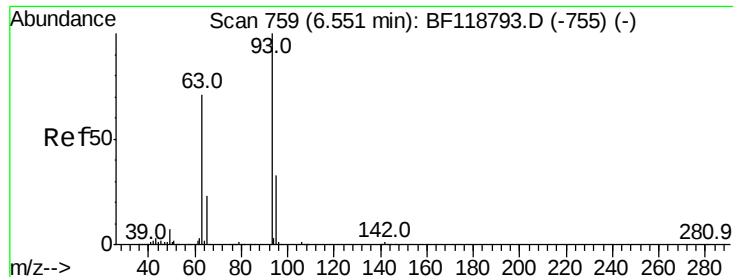
Ion Ratio Lower Upper

94 100

65 34.4 9.1 49.1

66 53.6 21.7 61.7





#11

bis(2-Chloroethyl)ether

Concen: 48.312 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

Instrument :

BNA_F

ClientSampleId :

SP-3MS

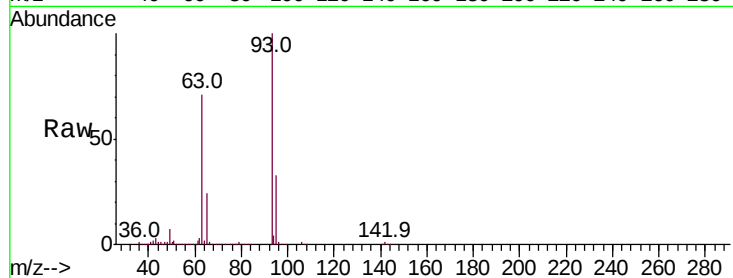
Tot Ion: 93 Resp: 745514

Ion Ratio Lower Upper

93 100

63 71.0 50.7 90.7

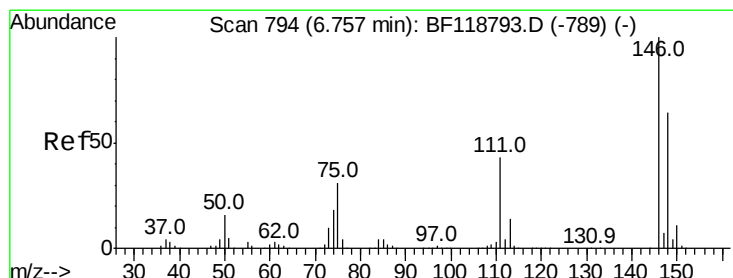
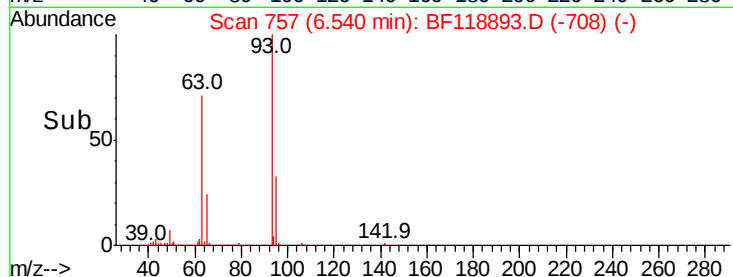
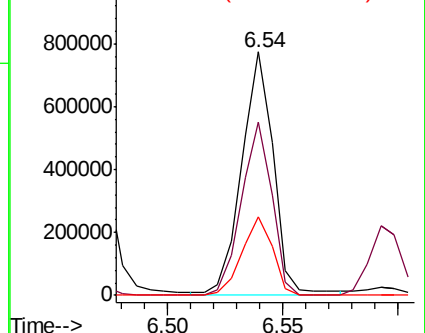
95 32.5 12.6 52.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 42.639 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

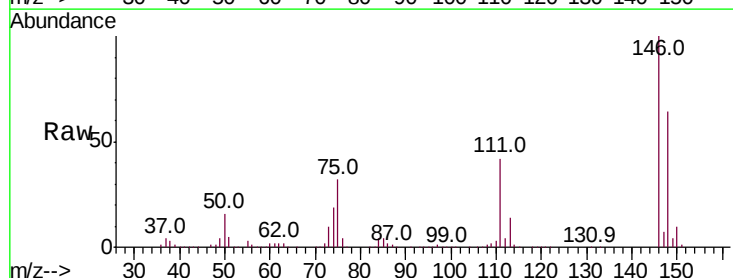
Tgt Ion: 146 Resp: 826076

Ion Ratio Lower Upper

146 100

148 63.9 51.1 76.7

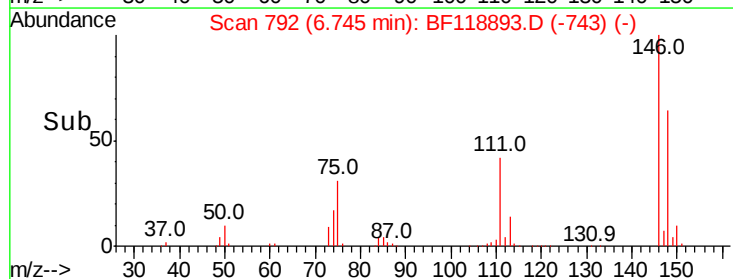
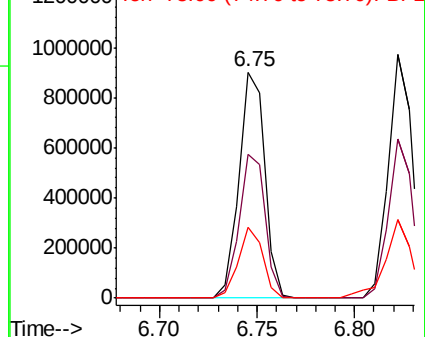
75 31.6 25.0 37.4

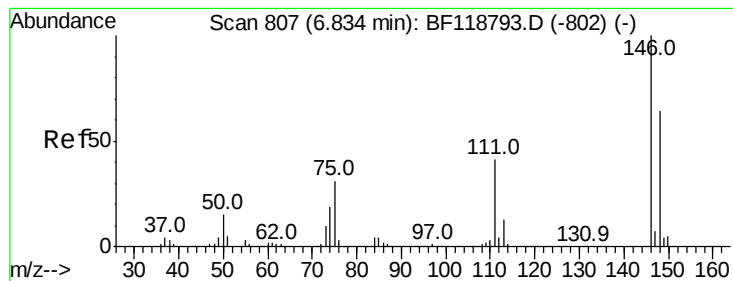


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 43.196 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

Instrument :

BNA_F

ClientSampleId :

SP-3MS

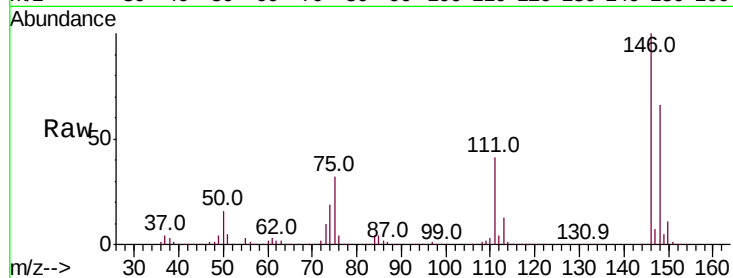
Tot Ion:146 Resp: 834768

Ion Ratio Lower Upper

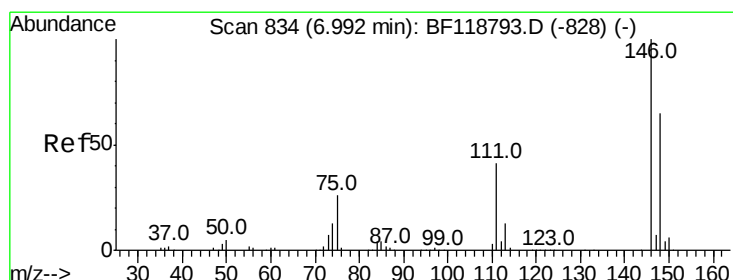
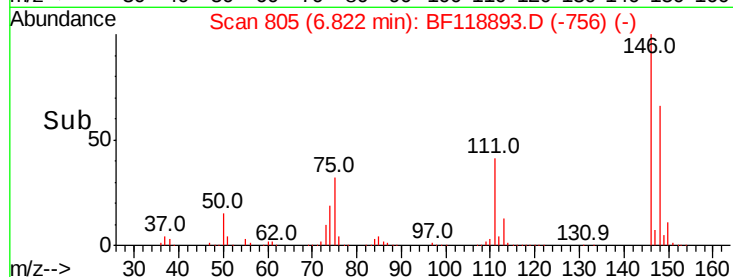
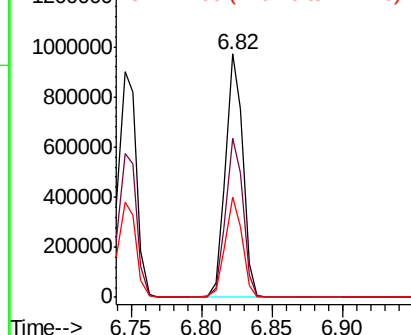
146 100

148 65.6 51.6 77.4

111 41.2 32.9 49.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.889 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

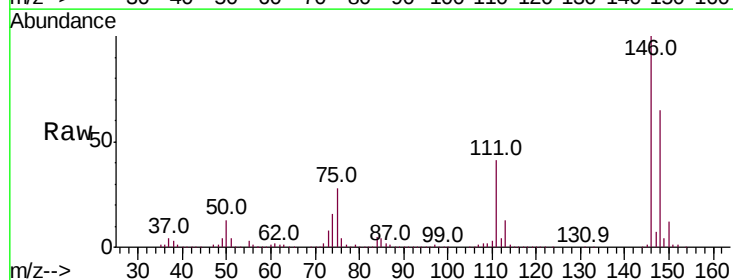
Tgt Ion:146 Resp: 773295

Ion Ratio Lower Upper

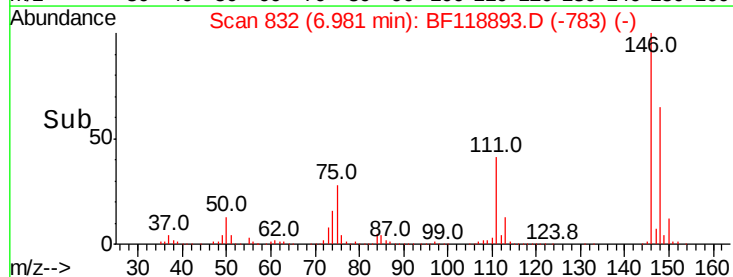
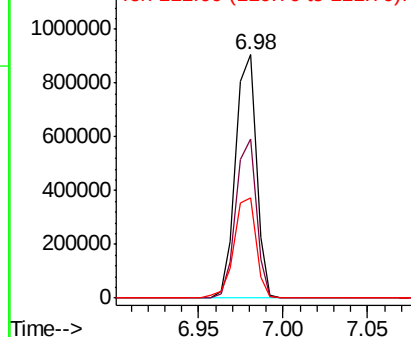
146 100

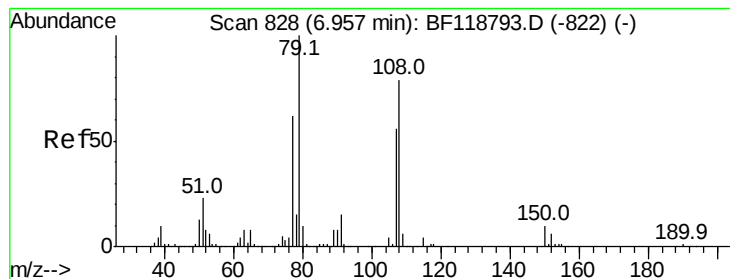
148 65.2 51.6 77.4

111 41.1 32.7 49.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.563 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

Instrument :

BNA_F

ClientSampleId :

SP-3MS

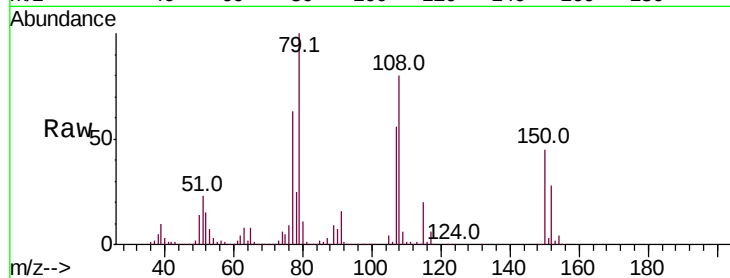
Tot Ion: 79 Resp: 638858

Ion Ratio Lower Upper

79 100

108 80.1 62.9 94.3

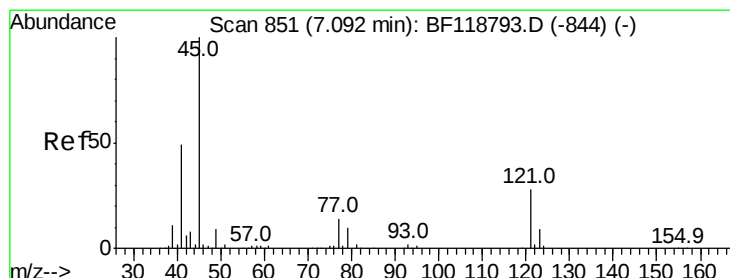
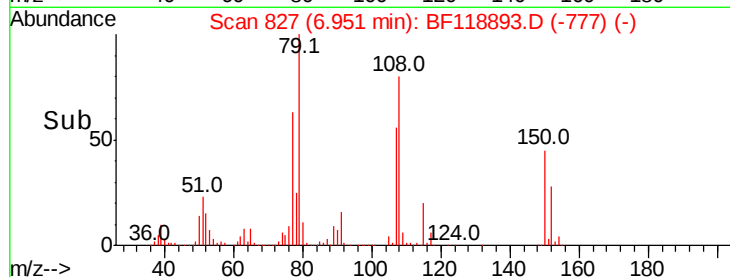
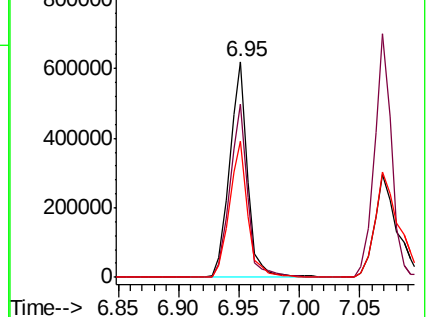
77 63.2 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.172 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

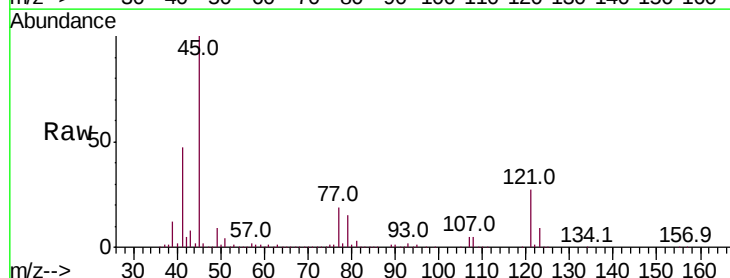
Tgt Ion: 45 Resp: 834742

Ion Ratio Lower Upper

45 100

77 19.1 0.0 37.1

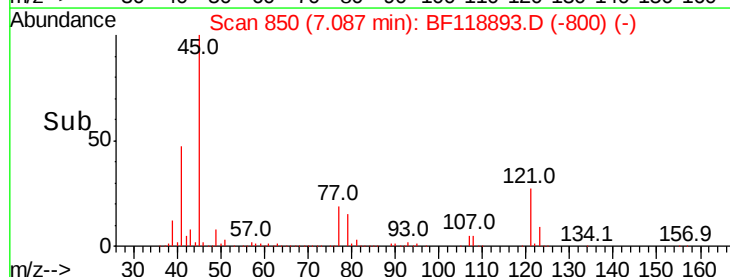
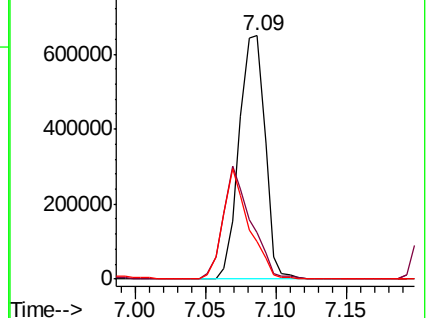
79 15.3 0.0 33.1

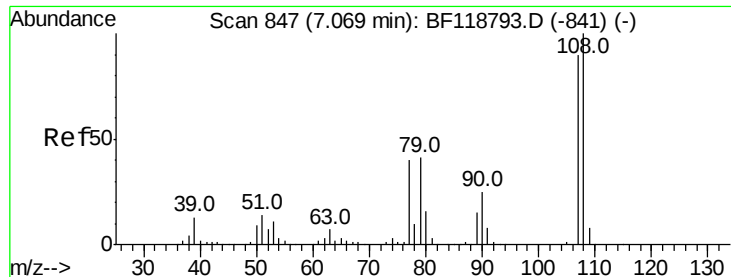


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

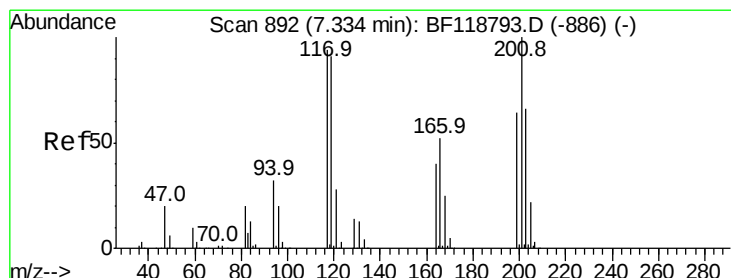
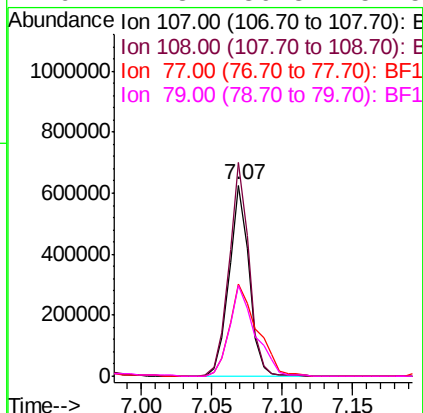
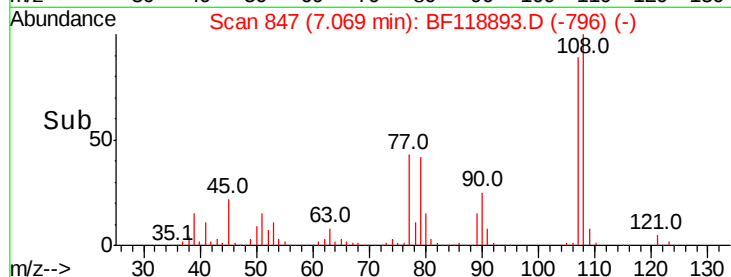
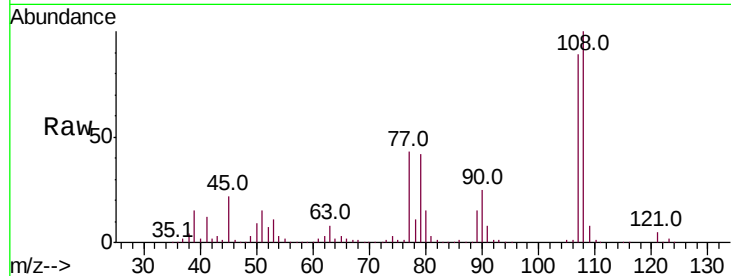




#17
2-Methylphenol
Concen: 45.699 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF118893.D
Acq: 11 Feb 2020 19:36

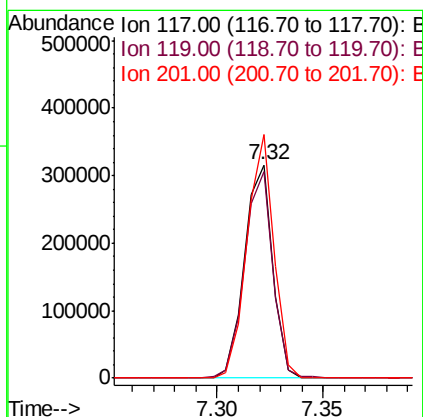
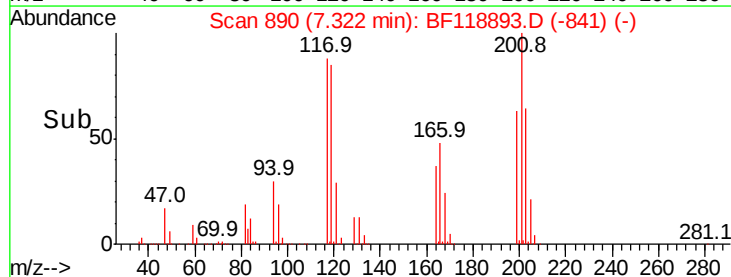
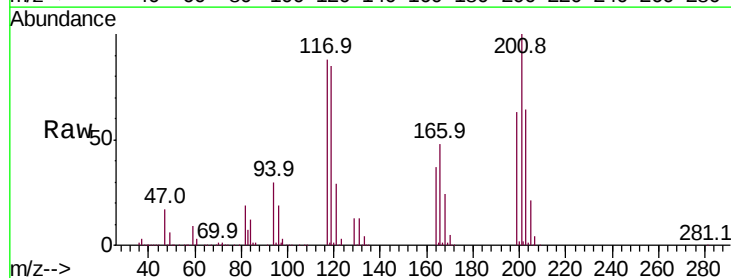
Instrument :
BNA_F
ClientSampleId :
SP-3MS

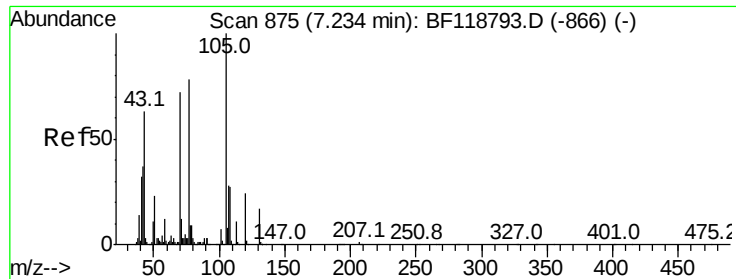
Tot Ion:	107	Resp:	618400
Ion	Ratio	Lower	Upper
107	100		
108	111.7	89.3	133.9
77	48.1	36.2	54.2
79	47.3	36.3	54.5



#18
Hexachloroethane
Concen: 42.099 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF118893.D
Acq: 11 Feb 2020 19:36

Tgt Ion:	117	Resp:	291997
Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.4	116.0
201	114.3	85.1	127.7

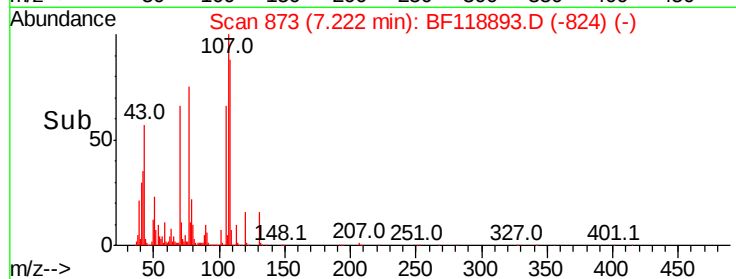
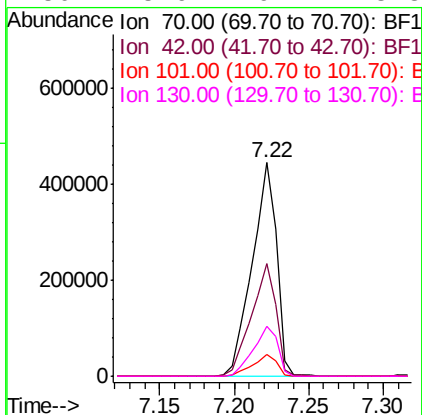
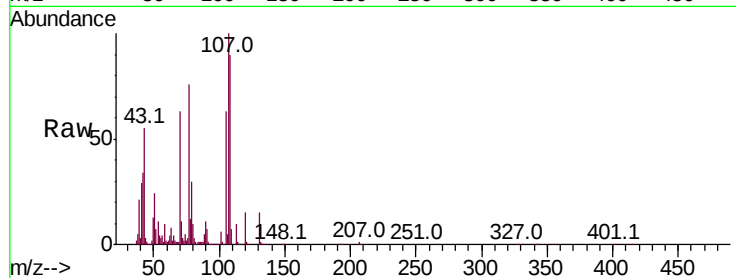




#19
n-Nitroso-di-n-propylamine
Concen: 45.037 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF118893.D
Acq: 11 Feb 2020 19:36

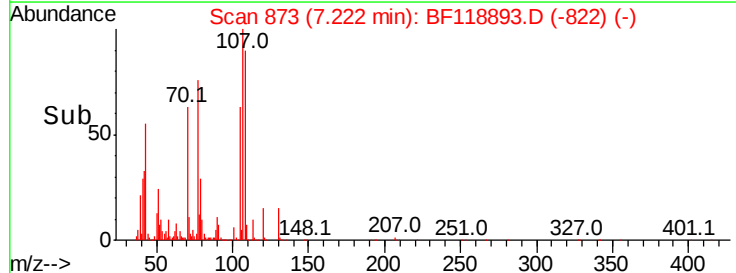
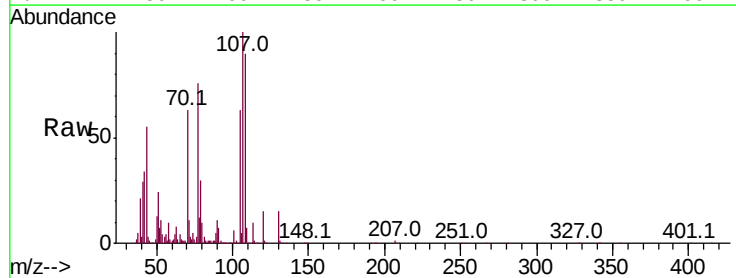
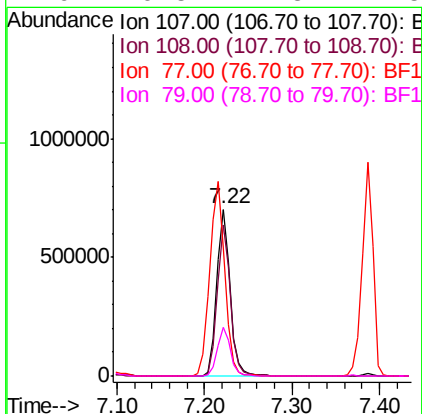
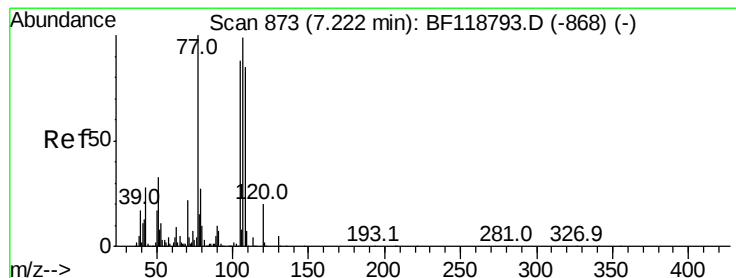
Instrument :
BNA_F
ClientSampleId :
SP-3MS

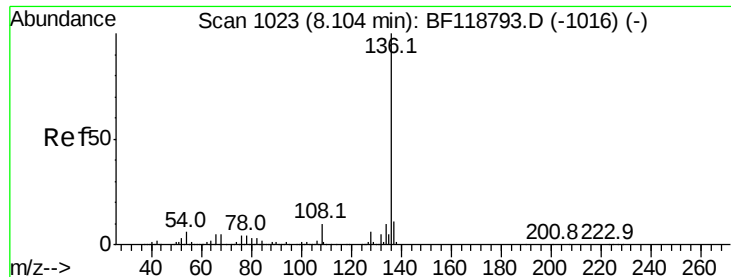
Tot Ion:	70	Resp:	499867
Ion	Ratio	Lower	Upper
70	100		
42	53.0	41.5	62.3
101	10.1	8.3	12.5
130	23.6	19.2	28.8



#20
3+4-Methylphenols
Concen: 43.966 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF118893.D
Acq: 11 Feb 2020 19:36

Tgt Ion:	107	Resp:	745739
Ion	Ratio	Lower	Upper
107	100		
108	90.4	65.9	105.9
77	76.4	80.9	120.9#
79	29.5	7.5	47.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

Instrument :

BNA_F

ClientSampleId :

SP-3MS

Tot Ion:136 Resp: 1072059

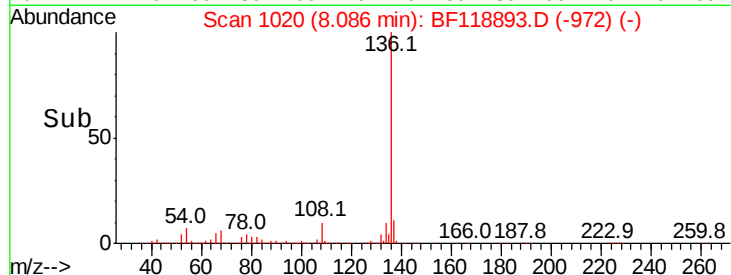
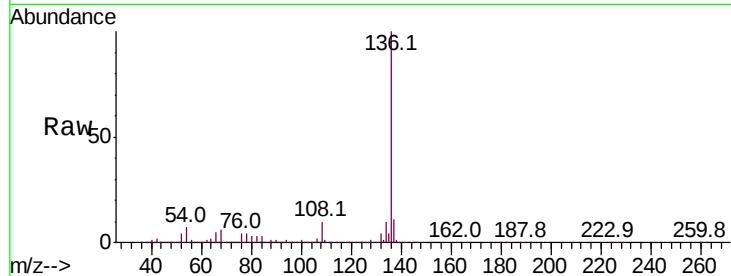
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 7.2 5.0 7.6

68 6.2 4.2 6.4

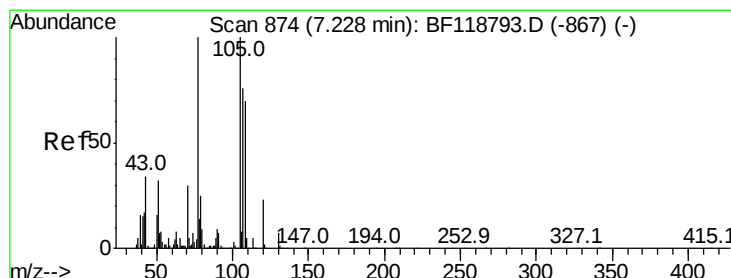
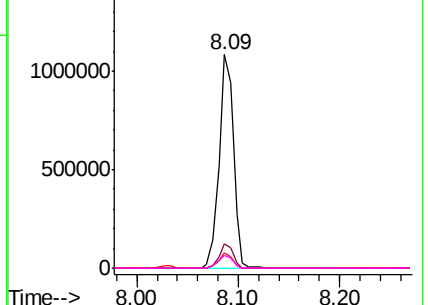


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.977 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

Tgt Ion:105 Resp: 977724

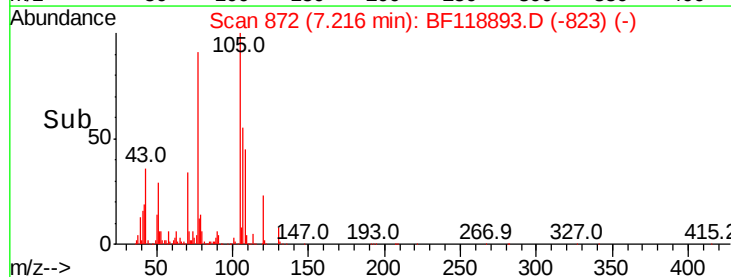
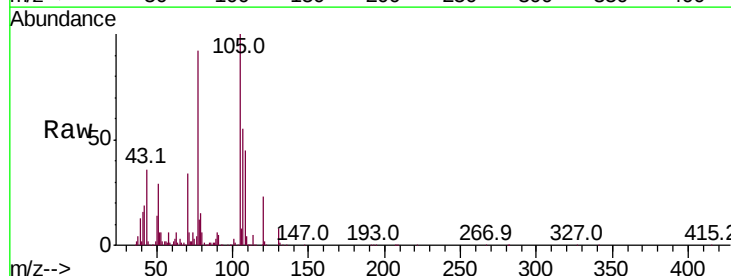
Ion Ratio Lower Upper

105 100

71 5.9 4.2 6.4

51 29.3 25.5 38.3

120 23.4 18.6 28.0

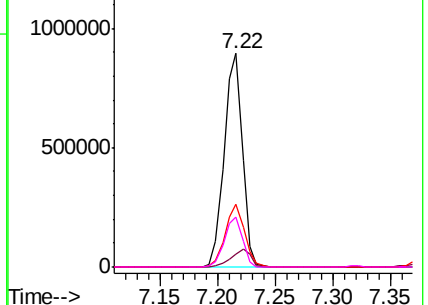


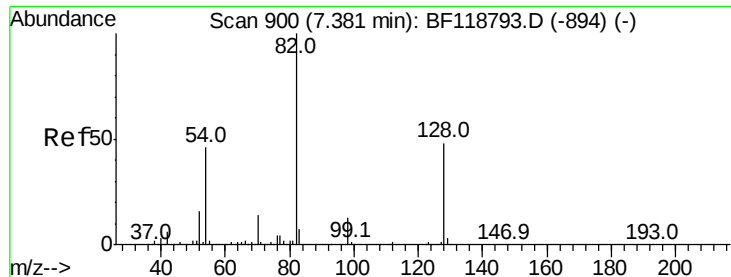
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



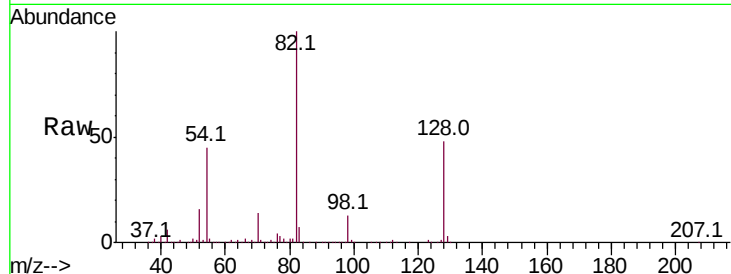


#23
 Nitrobenzene-d5
 Concen: 79.440 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF118893.D
 Acq: 11 Feb 2020 19:36

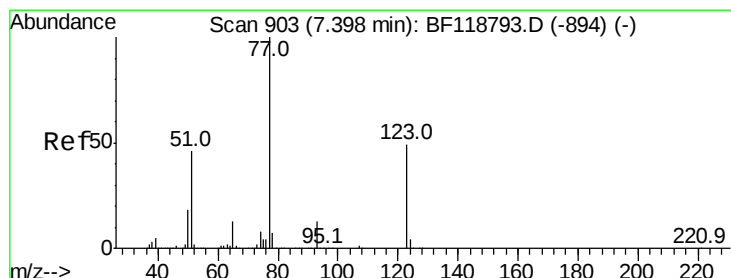
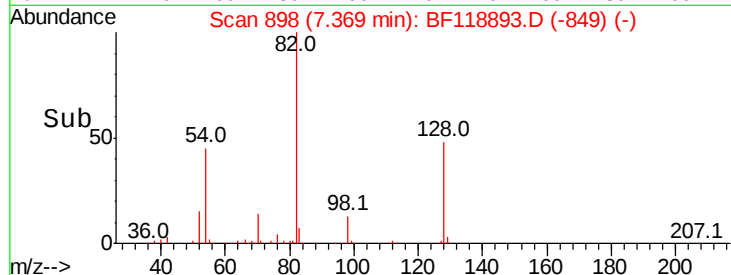
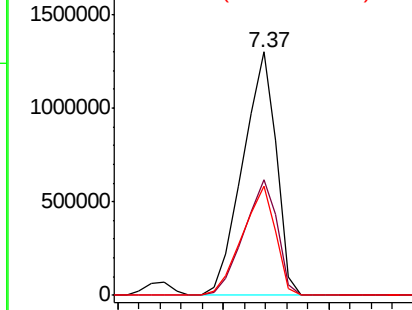
Instrument :
 BNA_F
 ClientSampleId :
 SP-3MS

Tot Ion: 82 Resp: 1428822

Ion	Ratio	Lower	Upper
82	100		
128	47.7	38.5	57.7
54	45.1	36.7	55.1



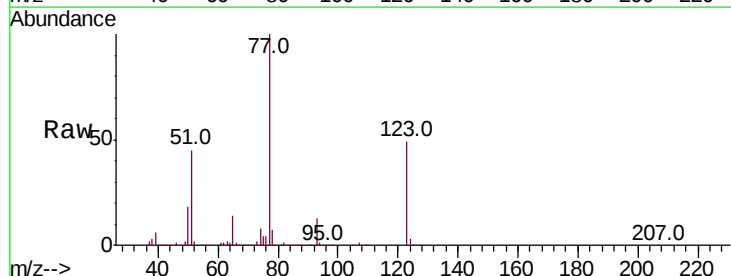
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



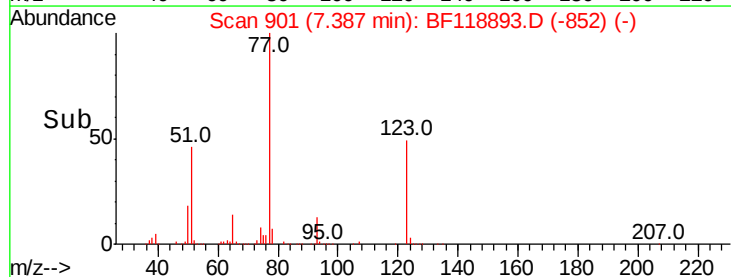
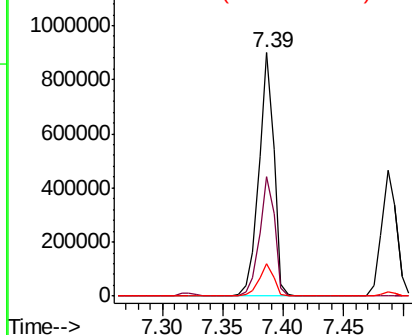
#24
 Nitrobenzene
 Concen: 43.619 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF118893.D
 Acq: 11 Feb 2020 19:36

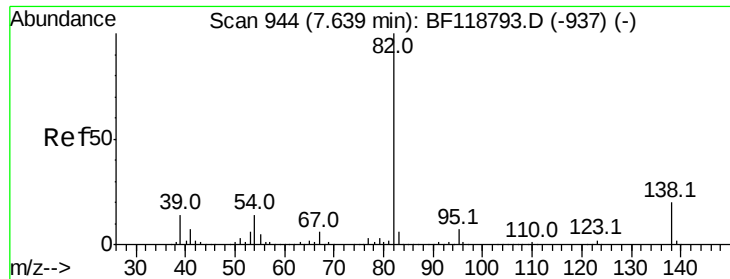
Tgt Ion: 77 Resp: 783745

Ion	Ratio	Lower	Upper
77	100		
123	48.9	39.0	58.4
65	13.5	10.6	15.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1

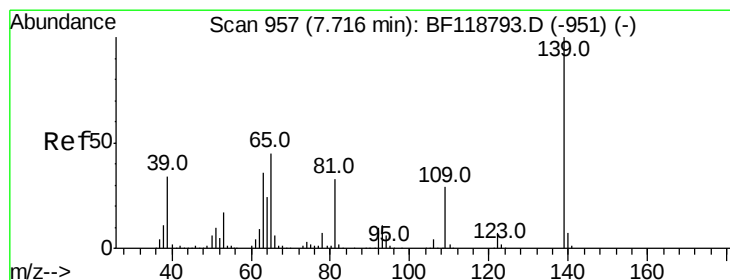
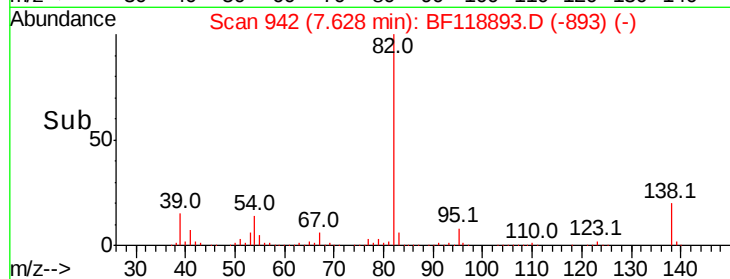
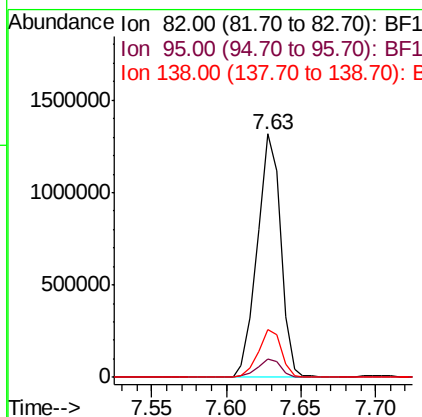
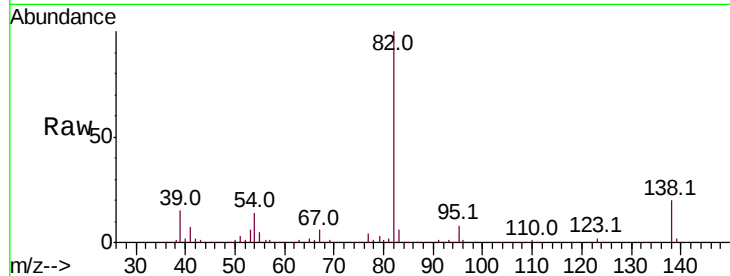




#25
Isophorone
Concen: 43.949 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF118893.D
Acq: 11 Feb 2020 19:36

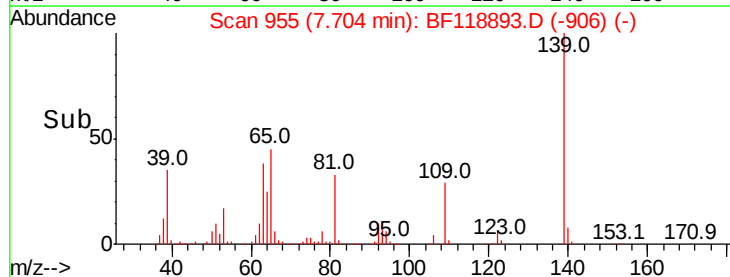
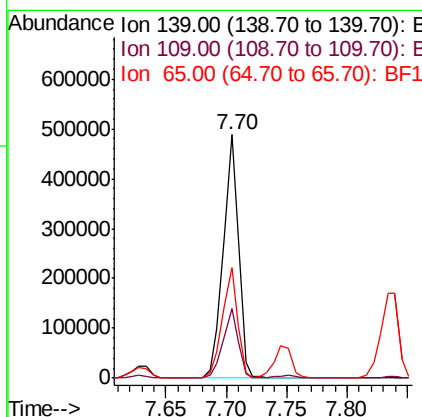
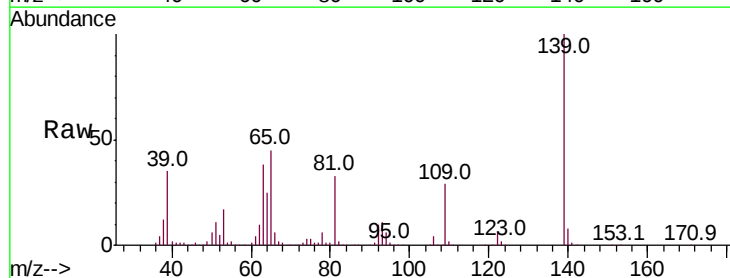
Instrument :
BNA_F
ClientSampleId :
SP-3MS

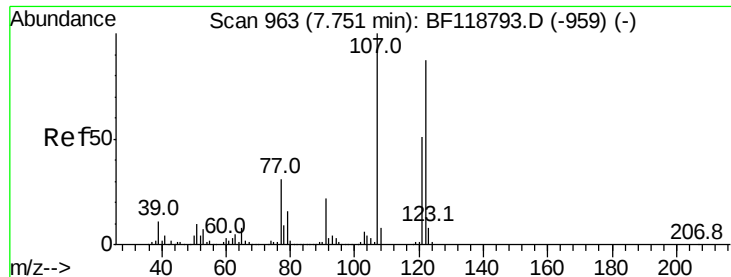
Tot Ion: 82 Resp: 1420655
Ion Ratio Lower Upper
82 100
95 7.7 6.0 9.0
138 19.5 15.7 23.5



#26
2-Nitrophenol
Concen: 44.703 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF118893.D
Acq: 11 Feb 2020 19:36

Tgt Ion: 139 Resp: 428007
Ion Ratio Lower Upper
139 100
109 28.6 23.4 35.0
65 45.3 36.2 54.2

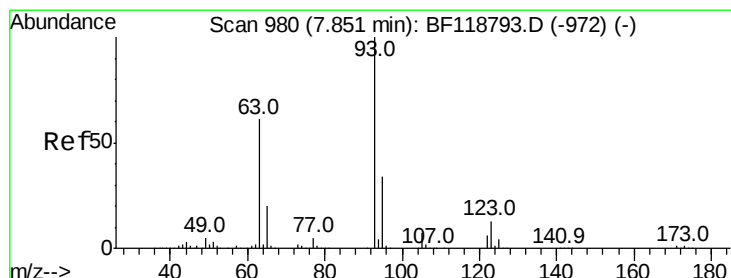
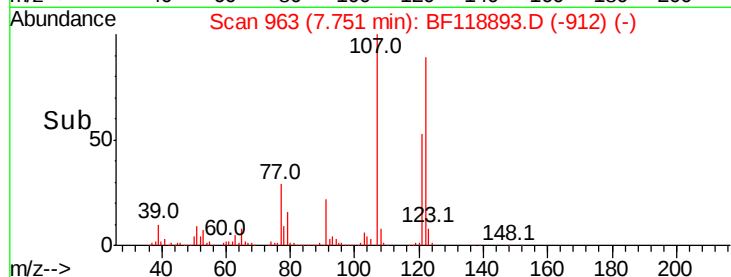
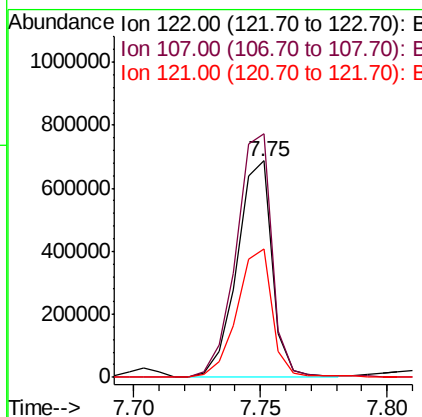
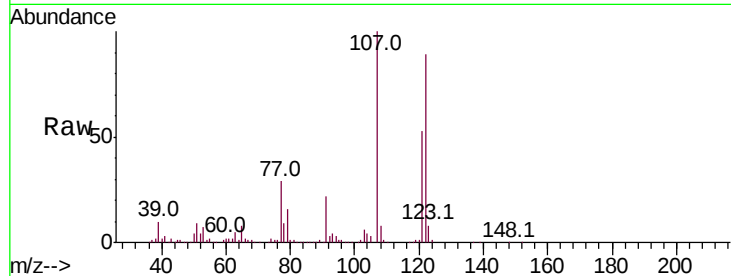




#27
2,4-Dimethylphenol
Concen: 50.918 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF118893.D
Acq: 11 Feb 2020 19:36

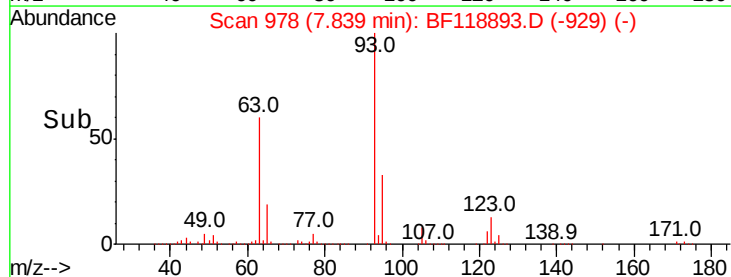
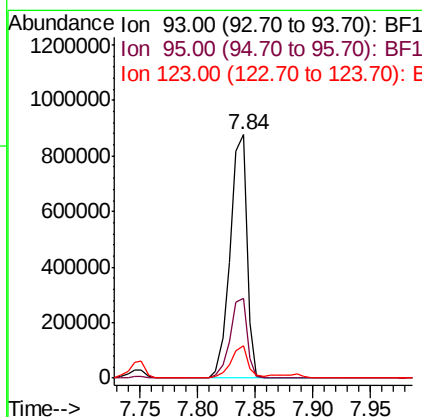
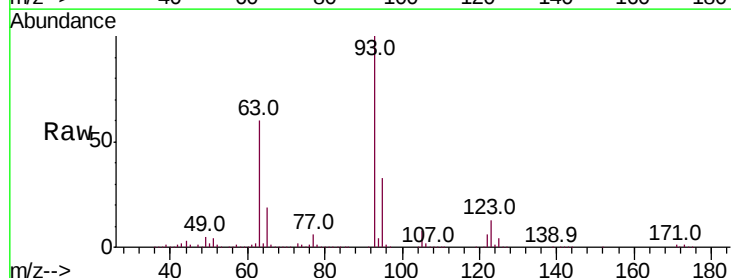
Instrument :
BNA_F
ClientSampleId :
SP-3MS

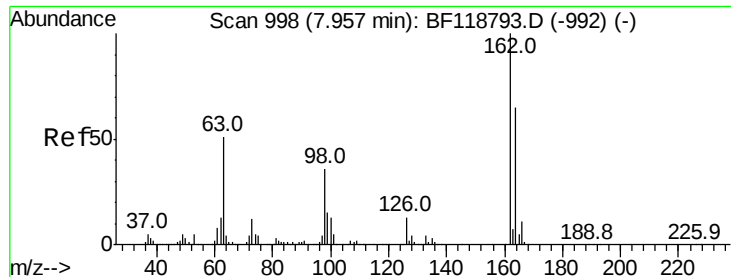
Tot Ion:122 Resp: 662239
Ion Ratio Lower Upper
122 100
107 112.6 92.2 138.2
121 59.2 46.8 70.2



#28
bis(2-Chloroethoxy)methane
Concen: 42.238 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BF118893.D
Acq: 11 Feb 2020 19:36

Tgt Ion: 93 Resp: 885332
Ion Ratio Lower Upper
93 100
95 33.0 27.0 40.4
123 13.3 10.6 15.8

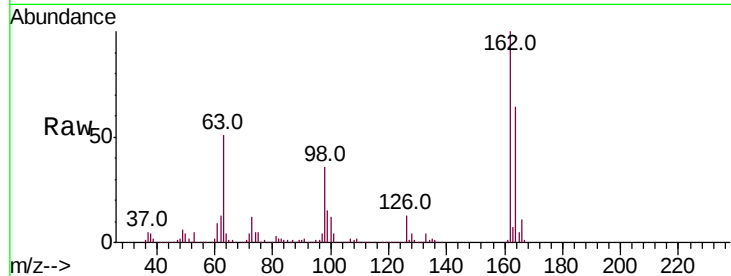




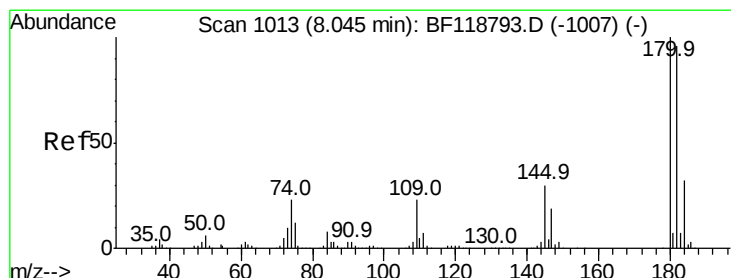
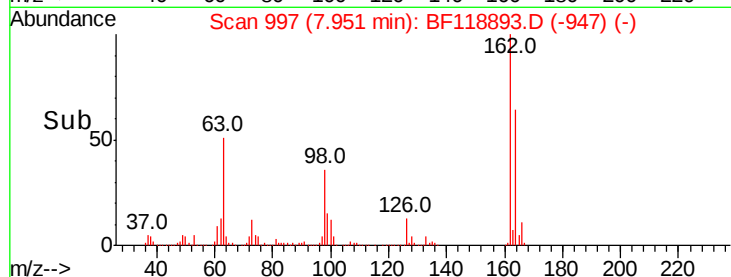
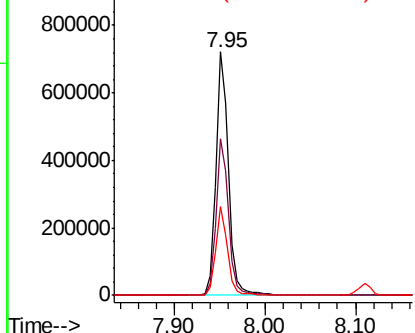
#29
 2,4-Dichlorophenol
 Concen: 43.866 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BF118893.D
 Acq: 11 Feb 2020 19:36

Instrument :
 BNA_F
 ClientSampled :
 SP-3MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.8	84.8
98	36.4	16.4	56.4

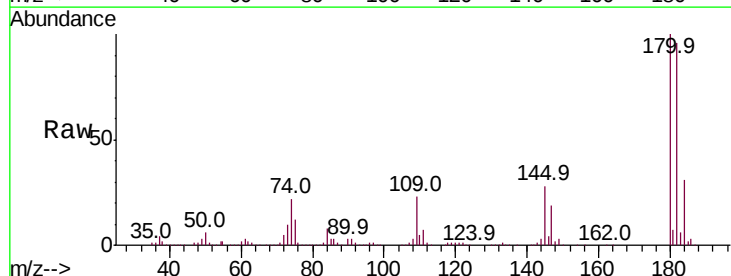


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

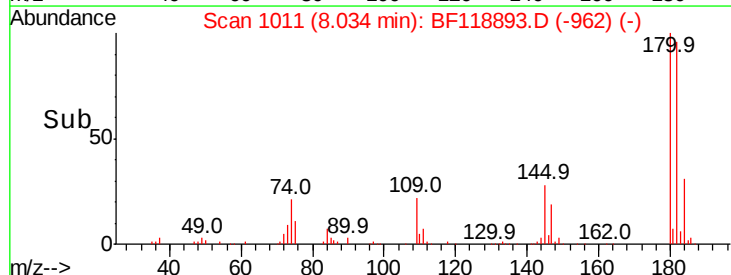
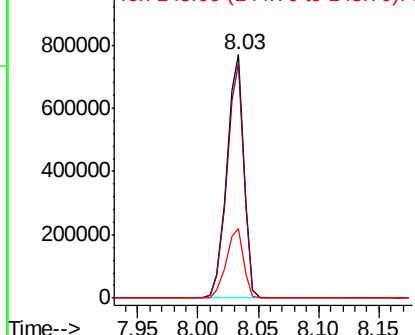


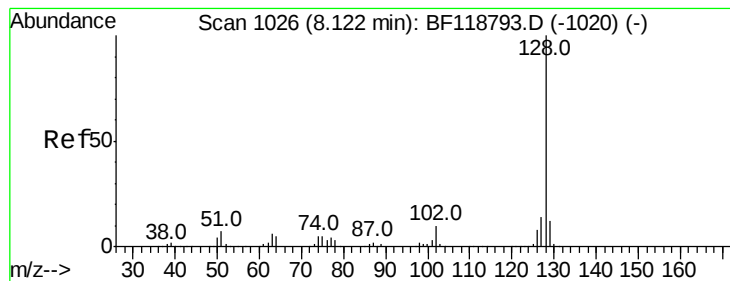
#30
 1,2,4-Trichlorobenzene
 Concen: 41.274 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BF118893.D
 Acq: 11 Feb 2020 19:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.6	115.0
145	28.3	24.0	36.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.262 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

Instrument :

BNA_F

ClientSampled :

SP-3MS

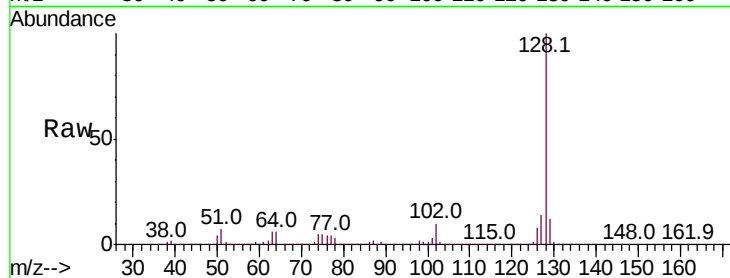
Tot Ion:128 Resp: 2170230

Ion Ratio Lower Upper

128 100

129 12.0 9.4 14.2

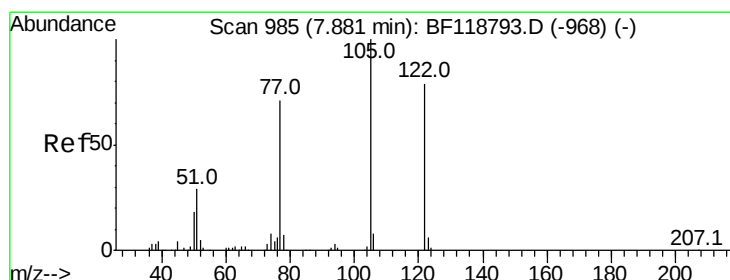
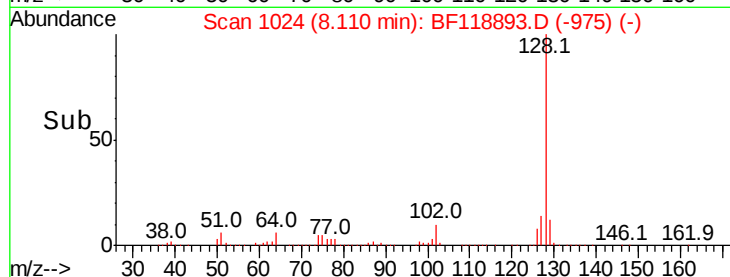
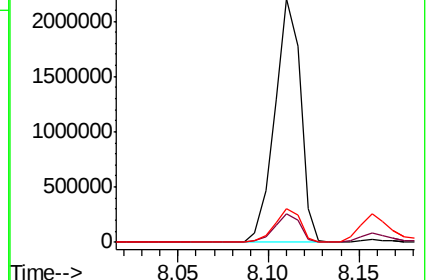
127 14.1 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.398 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.01 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

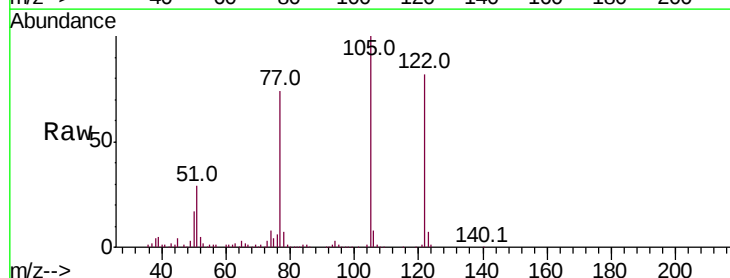
Tgt Ion:122 Resp: 456554

Ion Ratio Lower Upper

122 100

105 122.6 104.4 144.4

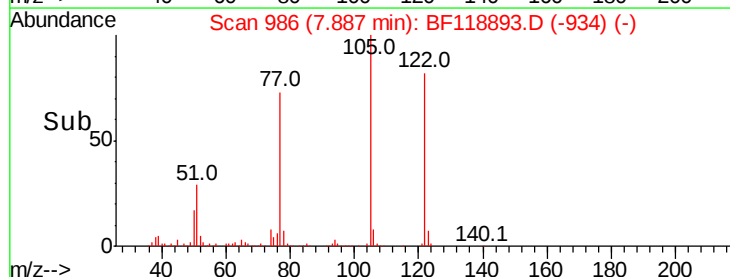
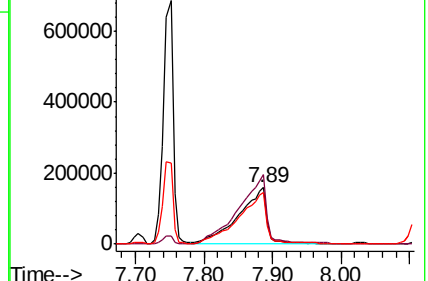
77 90.8 69.3 109.3

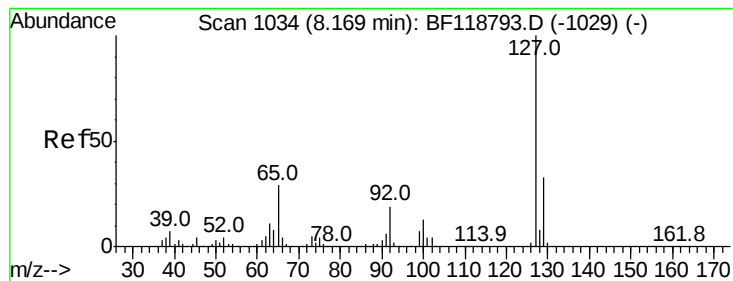


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 14.997 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

Instrument :

BNA_F

ClientSampleId :

SP-3MS

Tot Ion:127 Resp: 328978

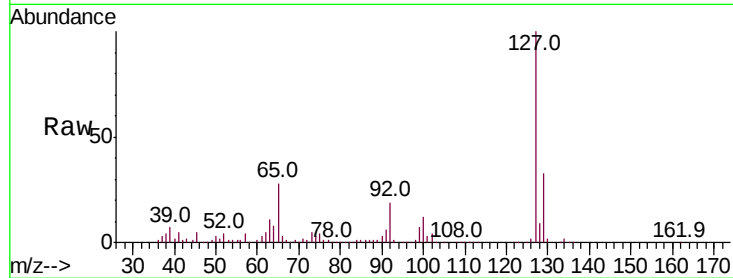
Ion Ratio Lower Upper

127 100

129 32.6 26.7 40.1

65 27.8 22.9 34.3

92 19.0 15.4 23.0

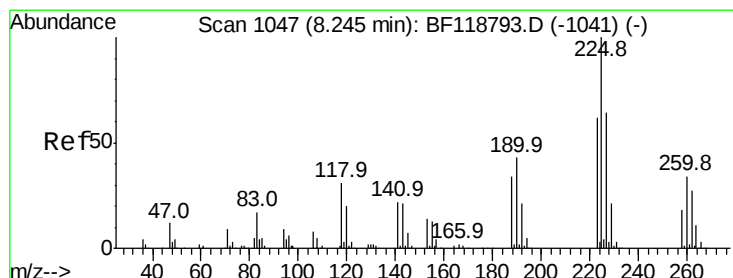
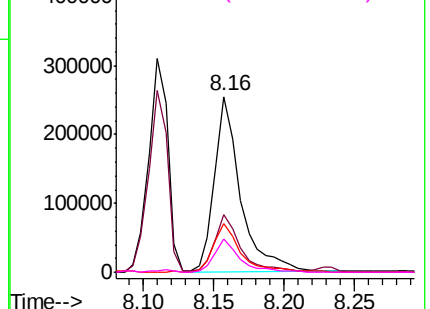
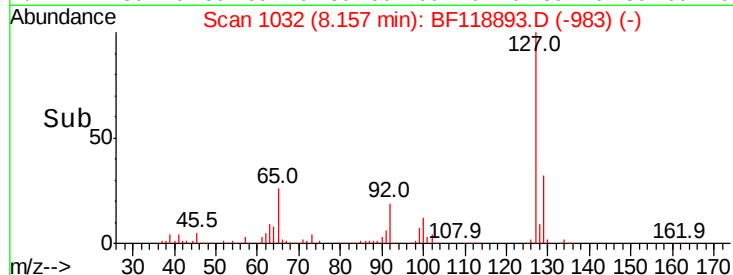


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 39.448 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

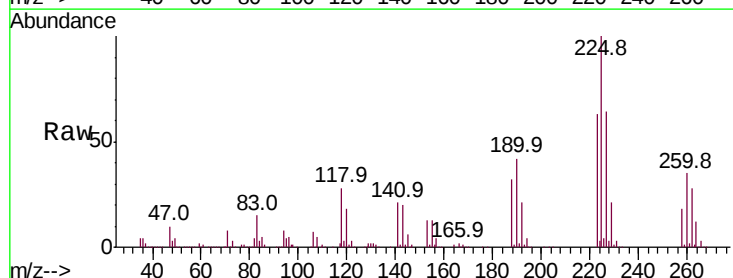
Tgt Ion:225 Resp: 440000

Ion Ratio Lower Upper

225 100

223 63.1 49.8 74.8

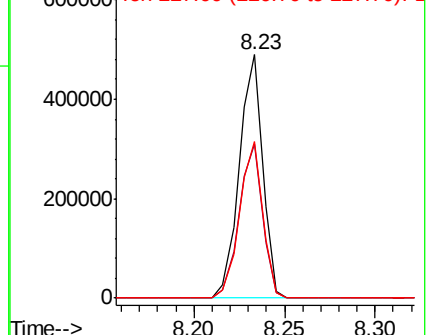
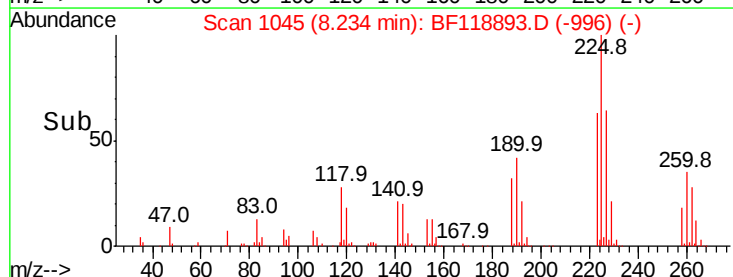
227 64.3 51.0 76.4

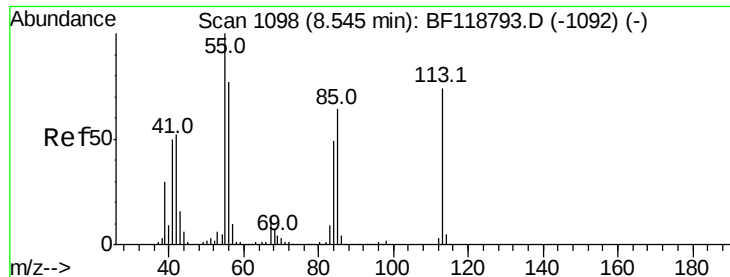


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 29.340 ng

RT: 8.53 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

Instrument :

BNA_F

ClientSampleId :

SP-3MS

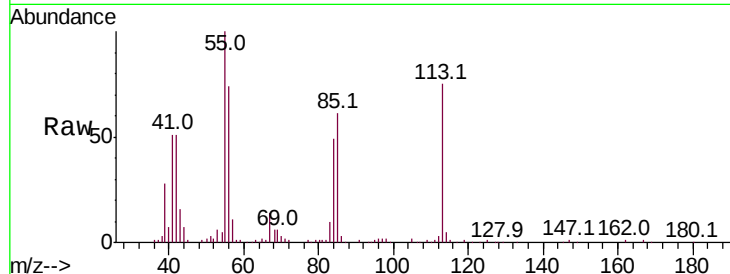
Tot Ion:113 Resp: 148147

Ion Ratio Lower Upper

113 100

55 132.9 115.5 155.5

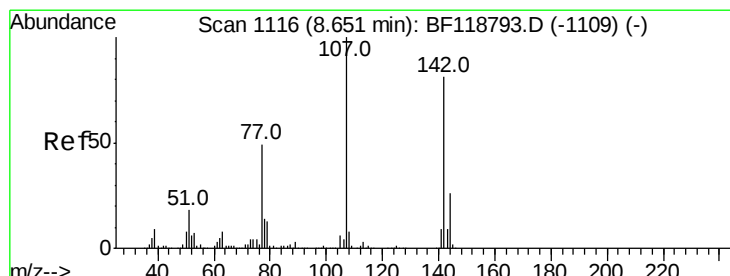
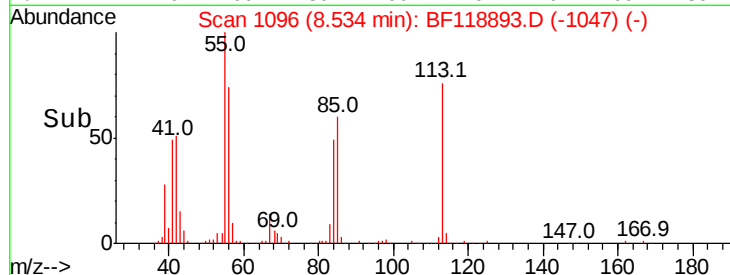
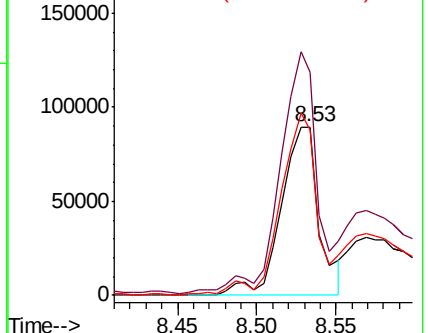
56 98.0 83.7 123.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 43.785 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

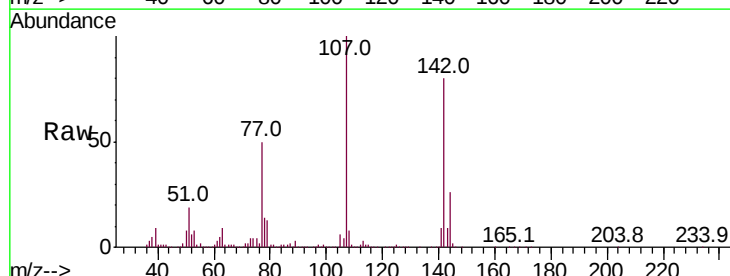
Tgt Ion:107 Resp: 686324

Ion Ratio Lower Upper

107 100

144 26.4 21.0 31.6

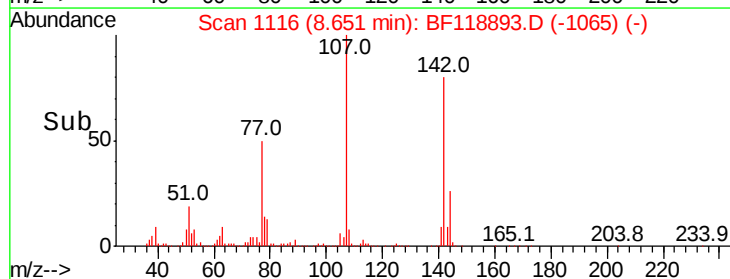
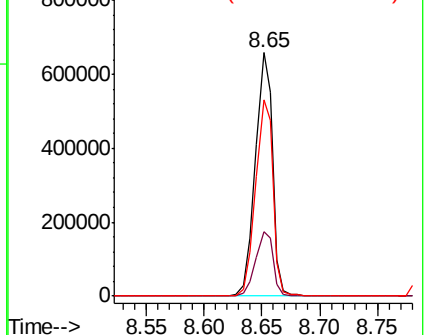
142 80.4 64.8 97.2

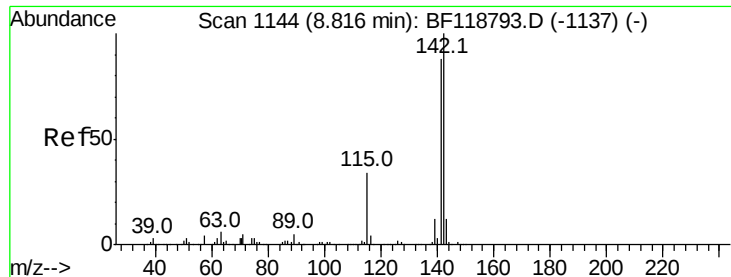


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

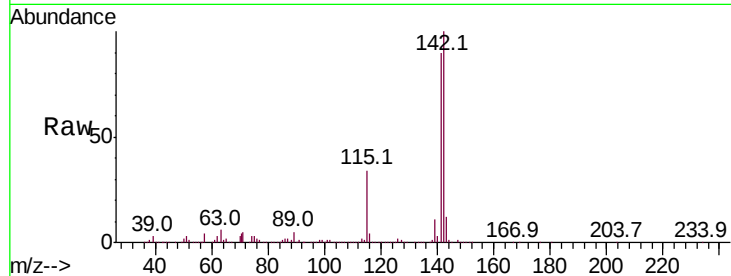




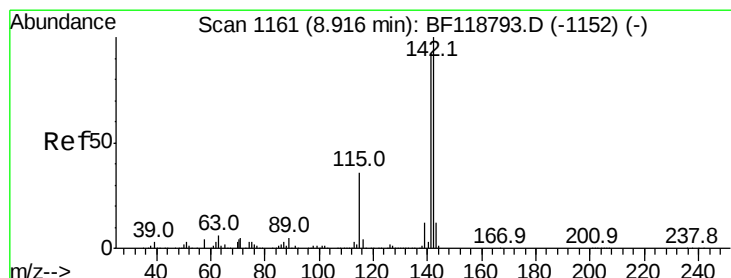
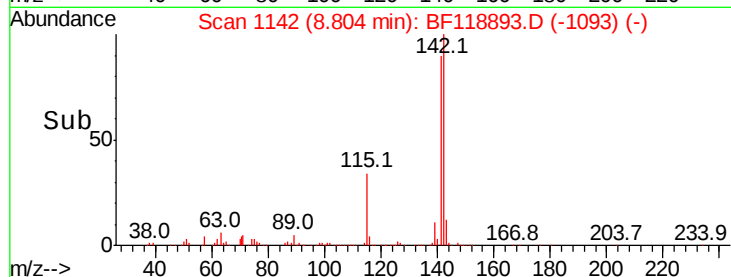
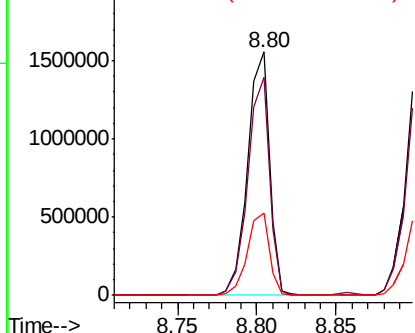
#37
 2-Methylnaphthalene
 Concen: 43.956 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: BF118893.D
 Acq: 11 Feb 2020 19:36

Instrument :
 BNA_F
 ClientSampled :
 SP-3MS

Tot Ion:142 Resp: 1494751
 Ion Ratio Lower Upper
 142 100
 141 89.8 70.1 105.1
 115 33.9 27.3 40.9

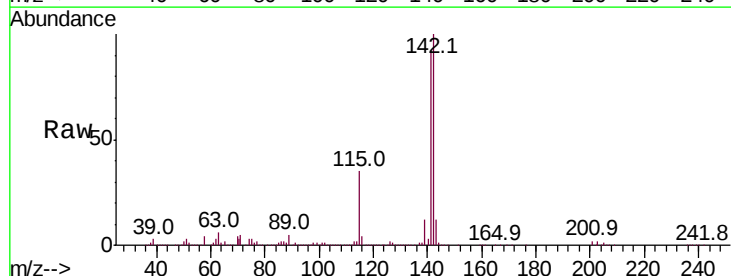


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

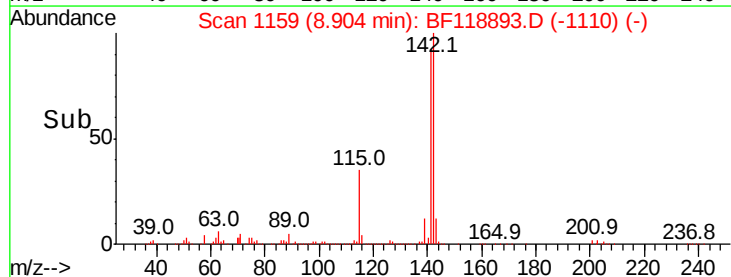
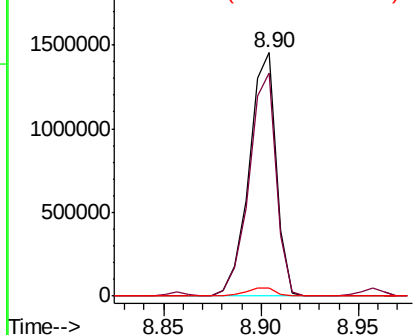


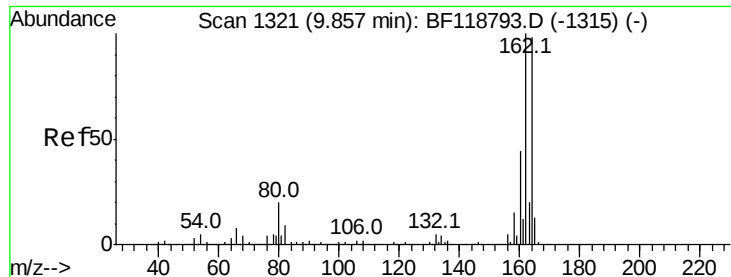
#38
 1-Methylnaphthalene
 Concen: 43.734 ng
 RT: 8.90 min Scan# 1159
 Delta R.T. -0.01 min
 Lab File: BF118893.D
 Acq: 11 Feb 2020 19:36

Tgt Ion:142 Resp: 1399050
 Ion Ratio Lower Upper
 142 100
 141 91.6 73.8 110.6
 116 3.5 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

Instrument :

BNA_F

ClientSampleId :

SP-3MS

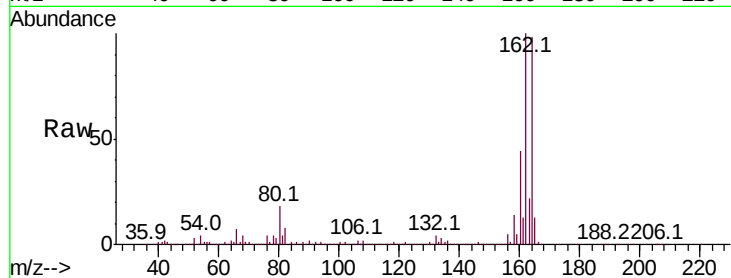
Tot Ion:164 Resp: 606049

Ion Ratio Lower Upper

164 100

162 102.1 81.4 122.2

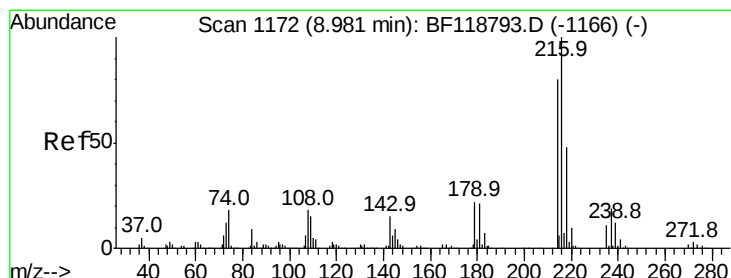
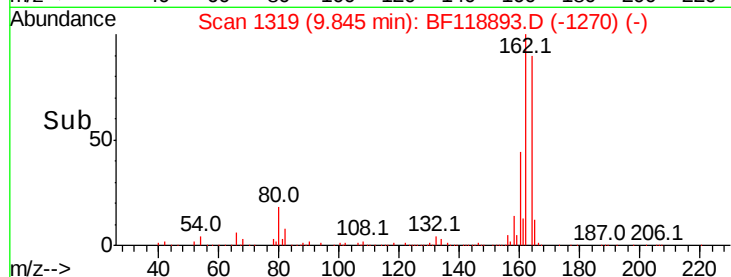
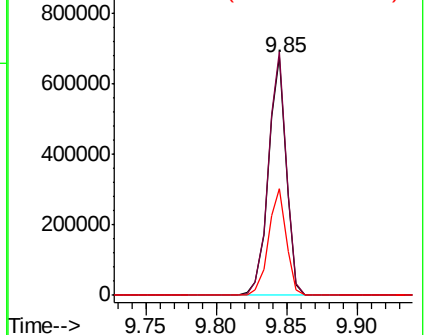
160 44.8 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.500 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

Tgt Ion:216 Resp: 759078

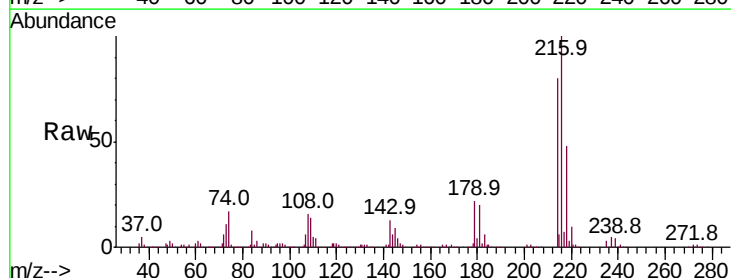
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.4

179 20.8 17.0 25.6

108 17.2 13.5 20.3

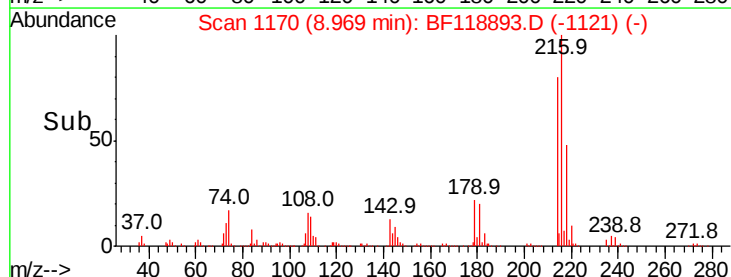
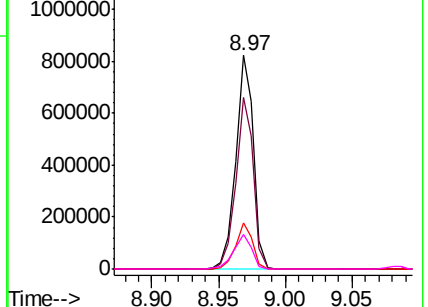


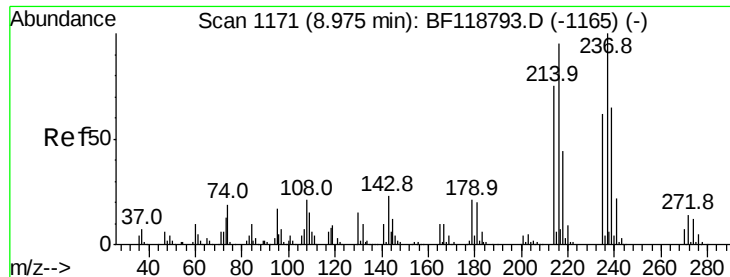
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 45.698 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.02 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

Instrument :

BNA_F

ClientSampleId :

SP-3MS

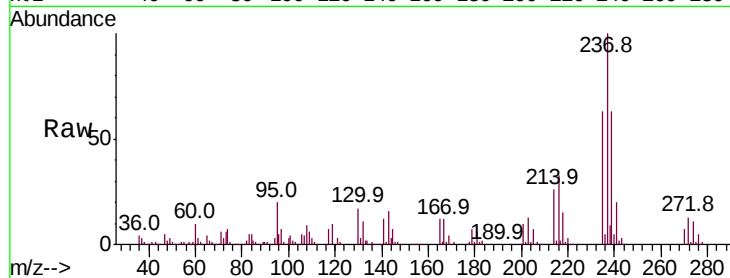
Tot Ion:237 Resp: 327752

Ion Ratio Lower Upper

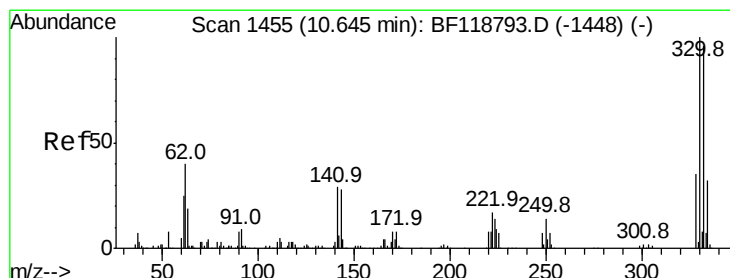
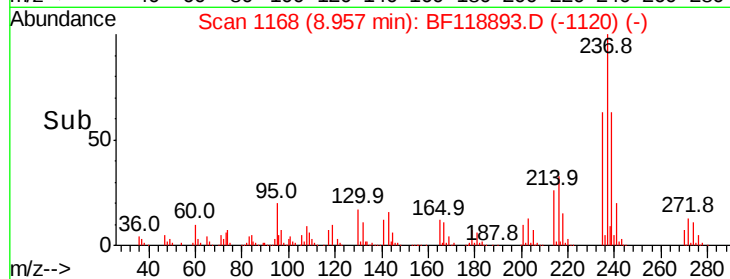
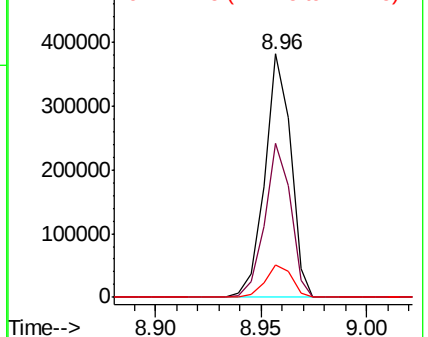
237 100

235 63.2 42.1 82.1

272 13.1 0.0 34.4



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 106.827 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

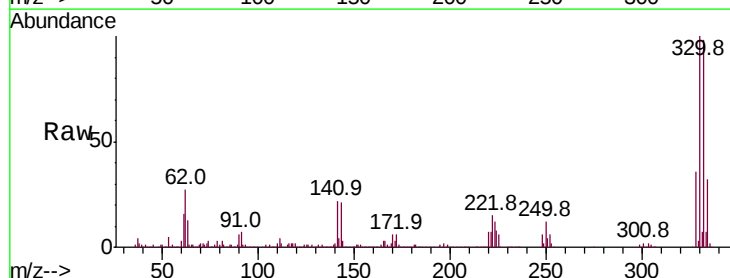
Tgt Ion:330 Resp: 774661

Ion Ratio Lower Upper

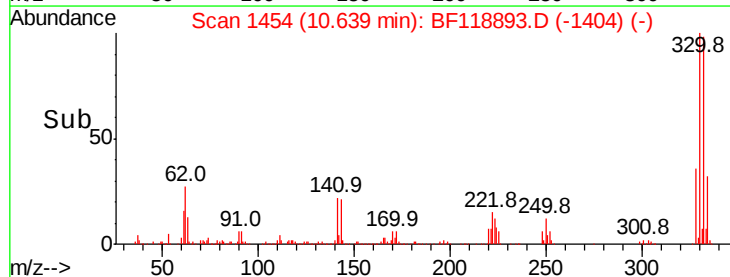
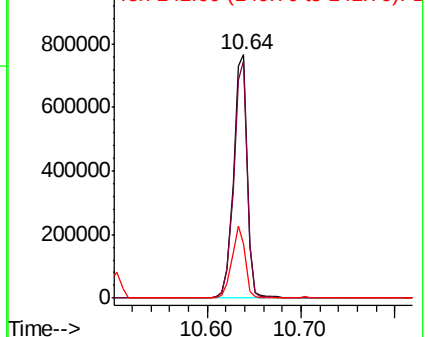
330 100

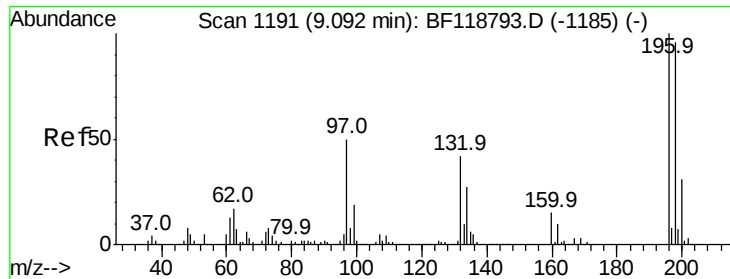
332 96.7 77.3 115.9

141 28.5 22.4 33.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

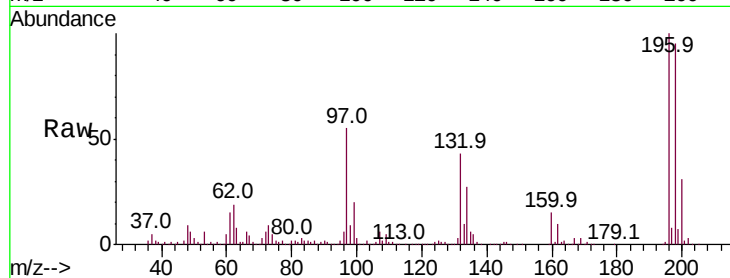




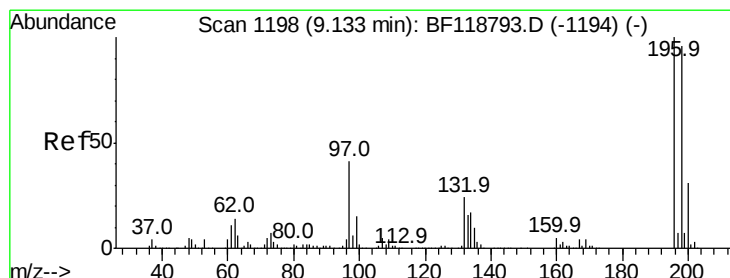
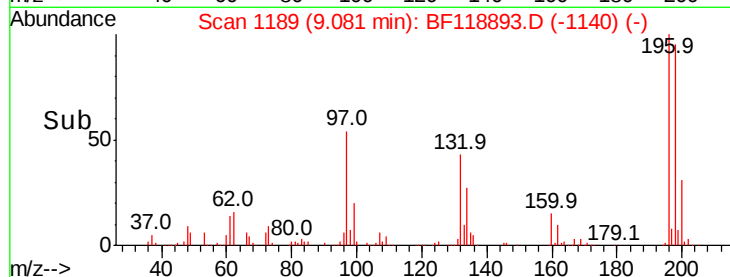
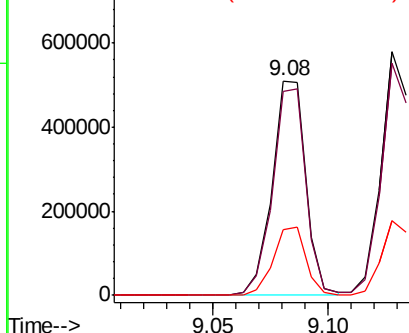
#43
 2,4,6-Trichlorophenol
 Concen: 41.927 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF118893.D
 Acq: 11 Feb 2020 19:36

Instrument :
 BNA_F
 ClientSampleId :
 SP-3MS

Tot Ion:196 Resp: 512822
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.7 115.1
 200 30.8 24.9 37.3

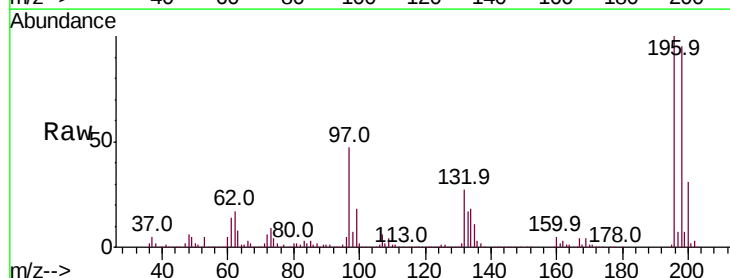


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

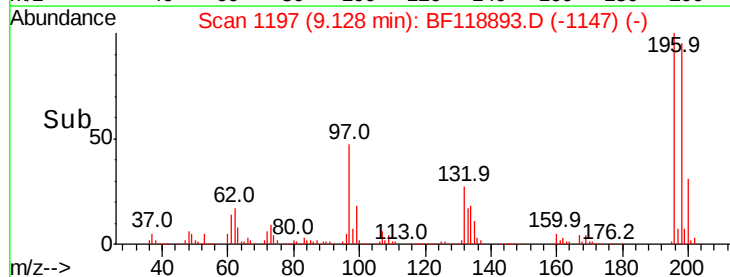
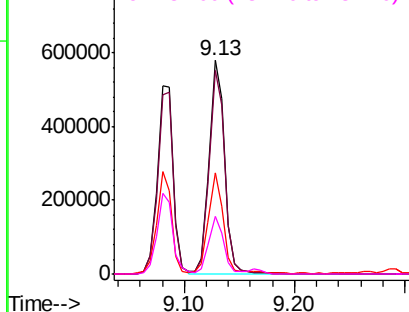


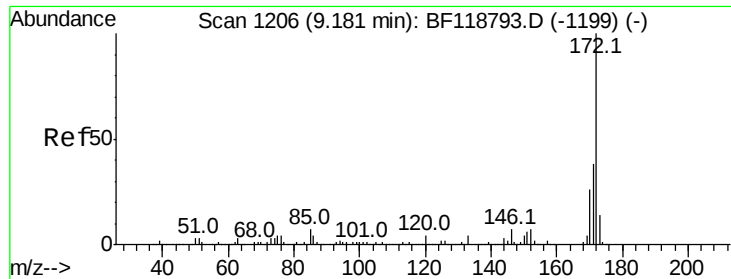
#44
 2,4,5-Trichlorophenol
 Concen: 43.628 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF118893.D
 Acq: 11 Feb 2020 19:36

Tgt Ion:196 Resp: 545248
 Ion Ratio Lower Upper
 196 100
 198 95.3 77.0 115.4
 97 47.1 32.9 49.3
 132 26.8 19.9 29.9



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E



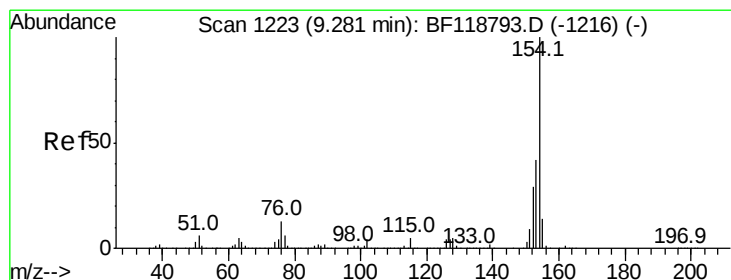
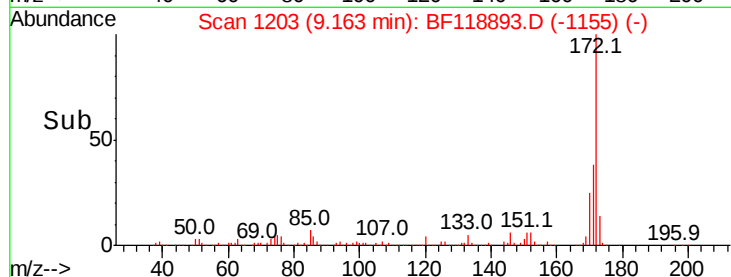
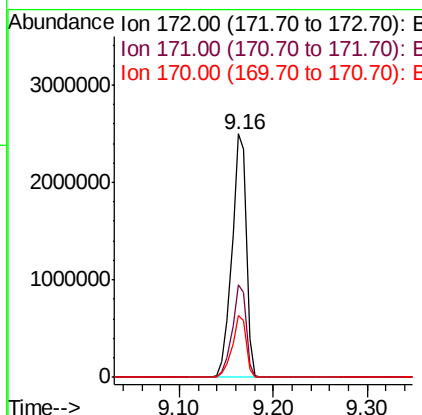
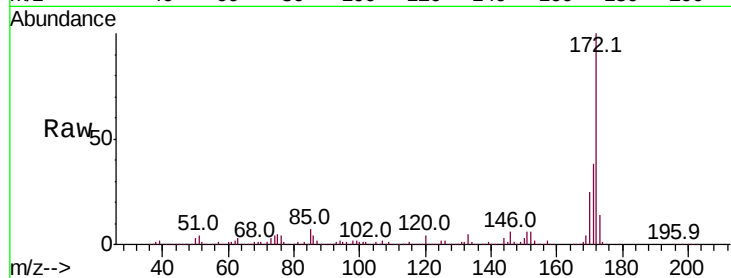


#45
2-Fluorobiphenyl
Concen: 77.897 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.02 min
Lab File: BF118893.D
Acq: 11 Feb 2020 19:36

Instrument :
BNA_F
ClientSampleId :
SP-3MS

Tot Ion:172 Resp: 2640802

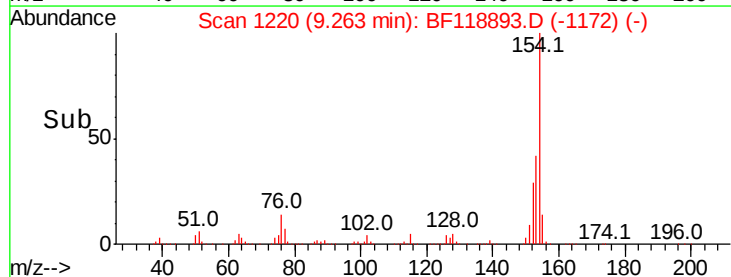
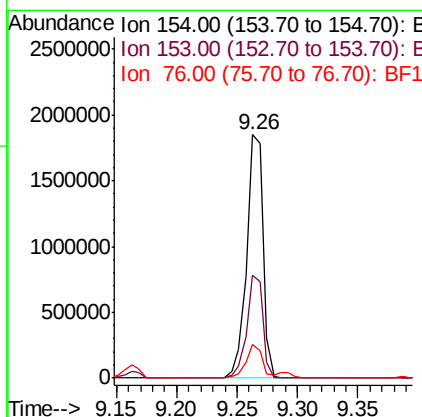
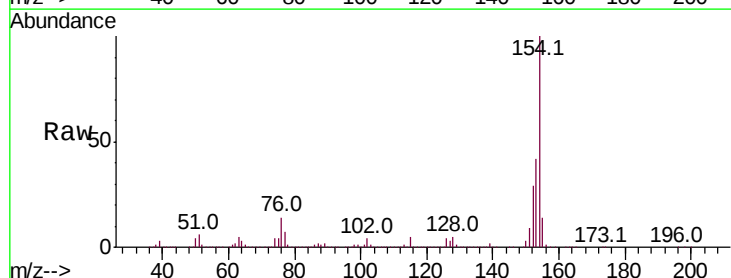
Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.8	46.2
170	25.2	20.5	30.7

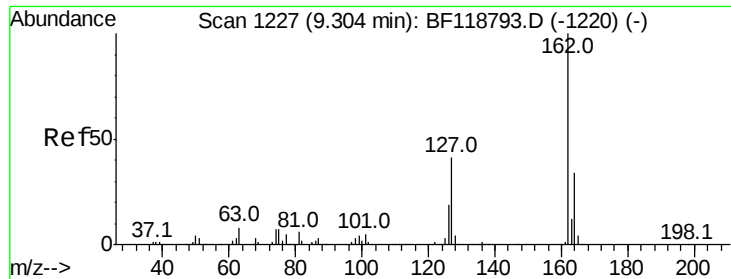


#46
1,1'-Biphenyl
Concen: 42.225 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.02 min
Lab File: BF118893.D
Acq: 11 Feb 2020 19:36

Tgt Ion:154 Resp: 1770198

Ion	Ratio	Lower	Upper
154	100		
153	42.2	22.4	62.4
76	14.1	0.0	32.7

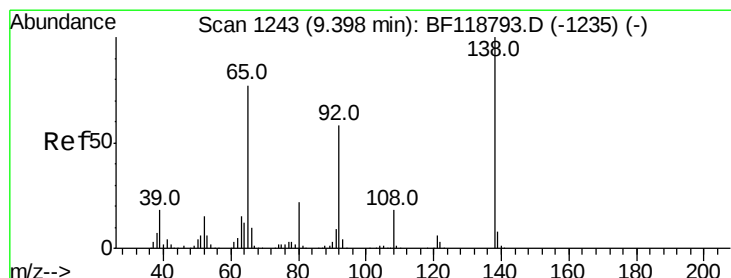
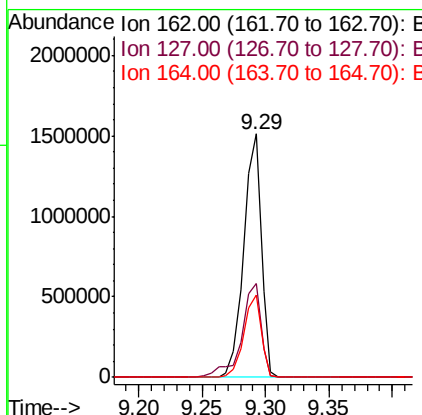
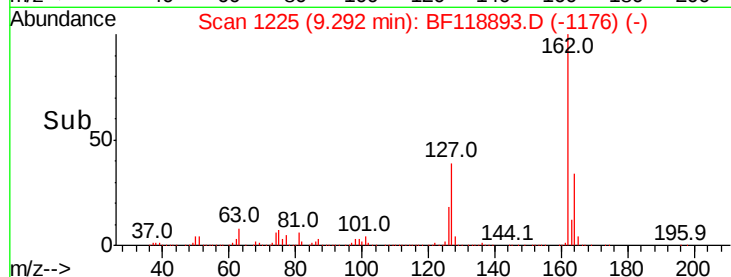
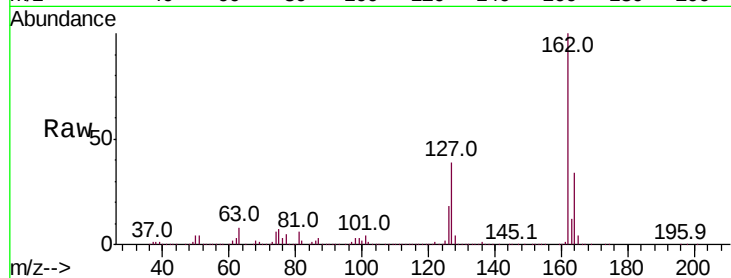




#47
 2-Chloronaphthalene
 Concen: 41.509 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF118893.D
 Acq: 11 Feb 2020 19:36

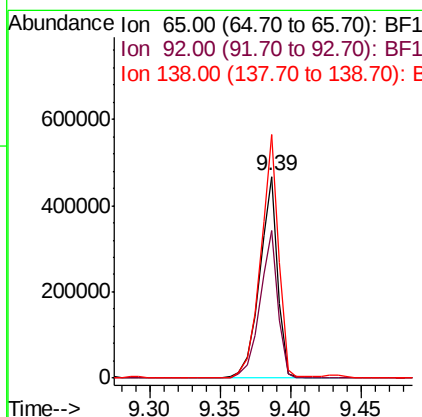
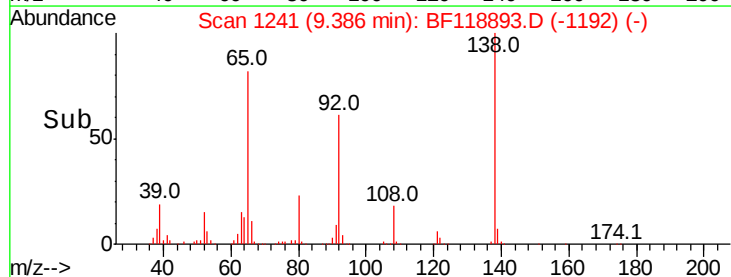
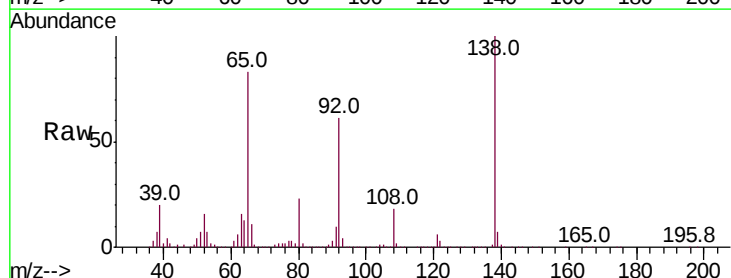
Instrument :
 BNA_F
 ClientSampleId :
 SP-3MS

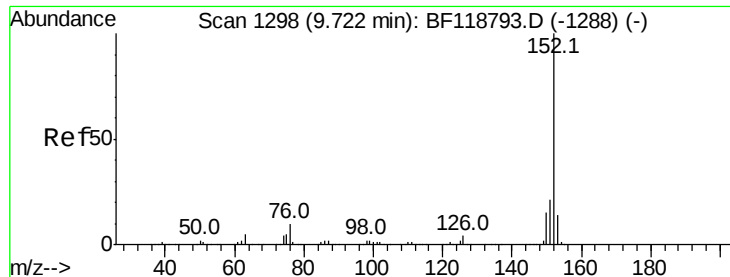
Tot Ion:	162	Resp:	1446687
Ion	Ratio	Lower	Upper
162	100		
127	38.6	33.3	49.9
164	34.1	27.1	40.7



#48
 2-Nitroaniline
 Concen: 41.857 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BF118893.D
 Acq: 11 Feb 2020 19:36

Tgt Ion:	65	Resp:	420751
Ion	Ratio	Lower	Upper
65	100		
92	73.1	60.6	91.0
138	120.6	104.6	156.8





#49

Acenaphthylene

Concen: 43.566 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

Instrument :

BNA_F

ClientSampleId :

SP-3MS

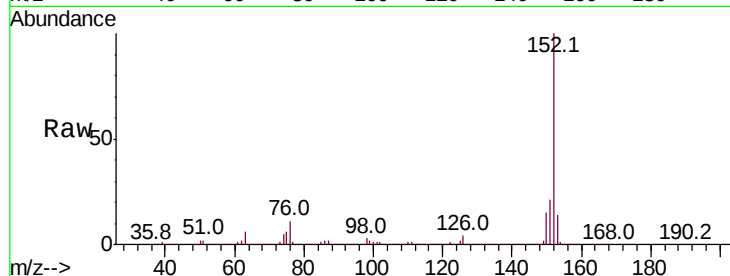
Tot Ion:152 Resp: 2192321

Ion Ratio Lower Upper

152 100

151 21.3 17.1 25.7

153 14.3 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

3000000 Ion 151.00 (150.70 to 151.70): E

2500000 Ion 153.00 (152.70 to 153.70): E

2000000

1500000

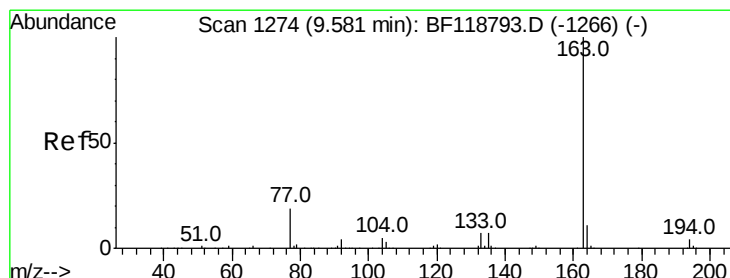
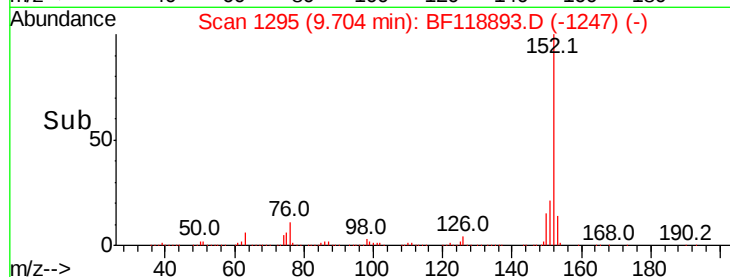
1000000

500000

0

9.60 9.70 9.80

Time-->



#50

Dimethylphthalate

Concen: 45.305 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

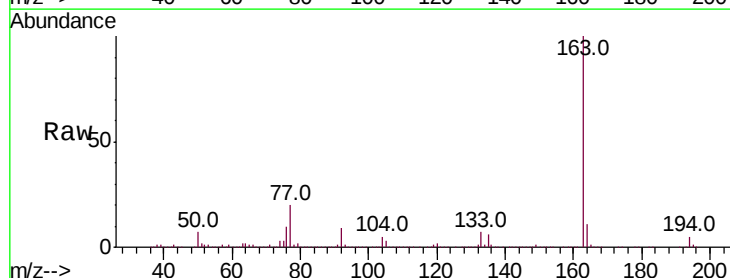
Tgt Ion:163 Resp: 1869570

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

164 10.7 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

2500000 Ion 194.00 (193.70 to 194.70): E

2000000 Ion 164.00 (163.70 to 164.70): E

1500000

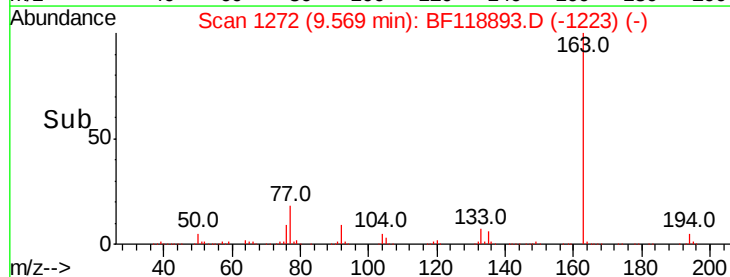
1000000

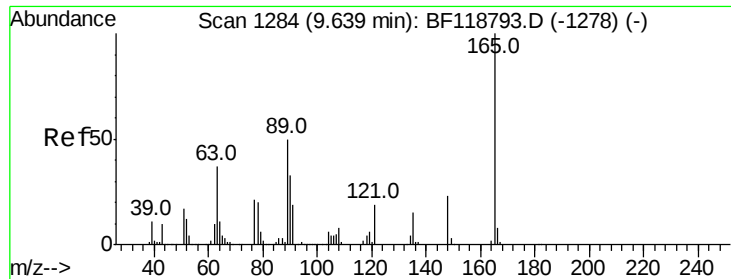
500000

0

9.50 9.55 9.60 9.65

Time-->

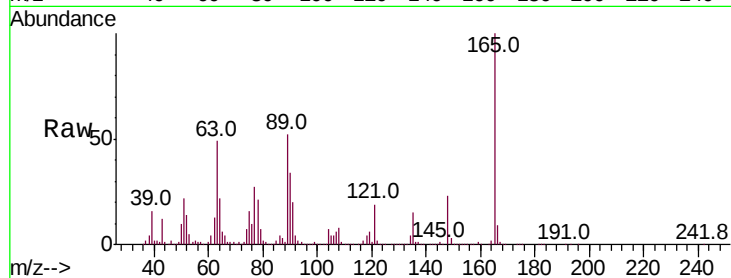




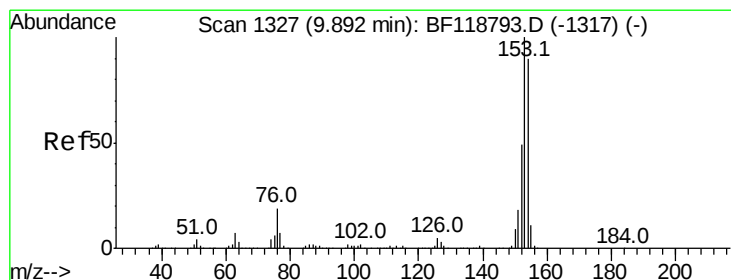
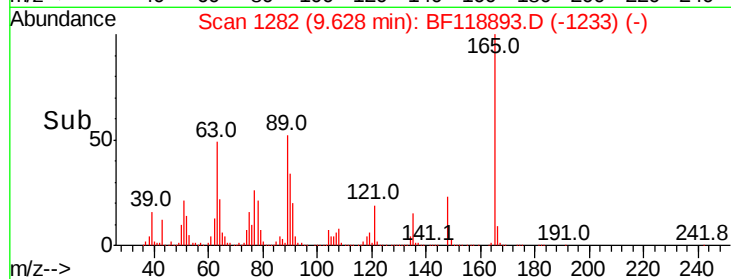
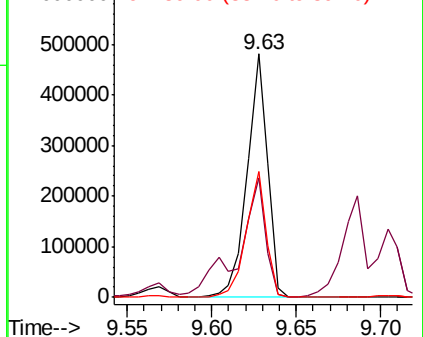
#51
 2,6-Dinitrotoluene
 Concen: 43.290 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BF118893.D
 Acq: 11 Feb 2020 19:36

Instrument :
 BNA_F
 ClientSampleId :
 SP-3MS

Tot Ion:165 Resp: 408750
 Ion Ratio Lower Upper
 165 100
 63 48.8 37.4 56.0
 89 51.5 39.7 59.5

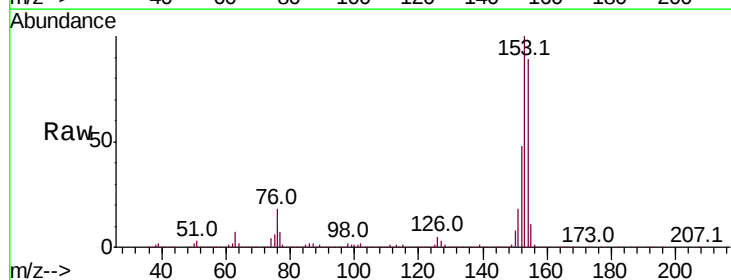


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

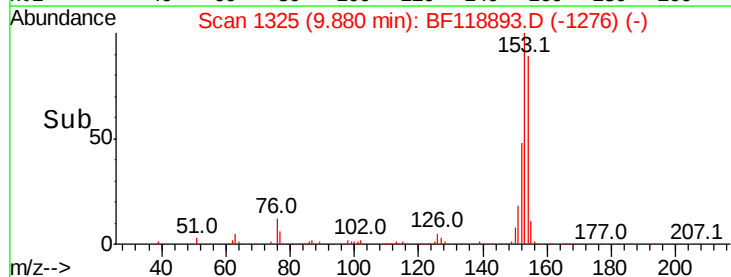
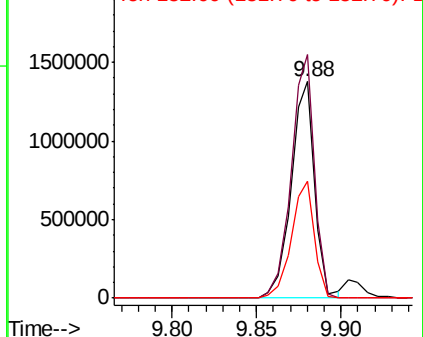


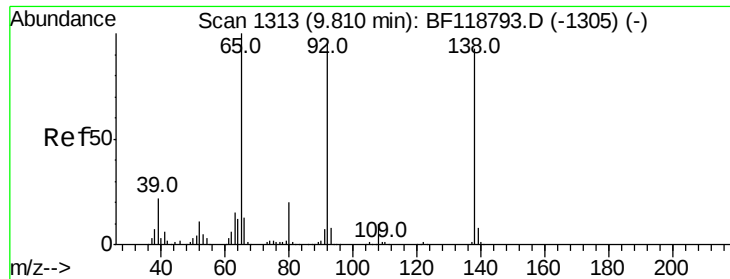
#52
 Acenaphthene
 Concen: 40.493 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF118893.D
 Acq: 11 Feb 2020 19:36

Tgt Ion:154 Resp: 1342734
 Ion Ratio Lower Upper
 154 100
 153 112.6 89.4 134.0
 152 53.9 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

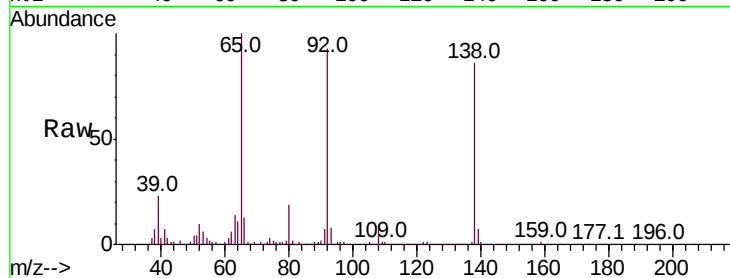




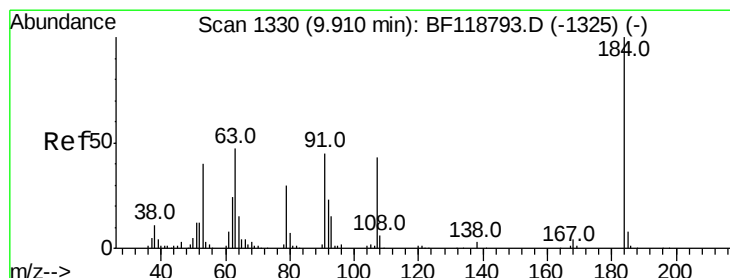
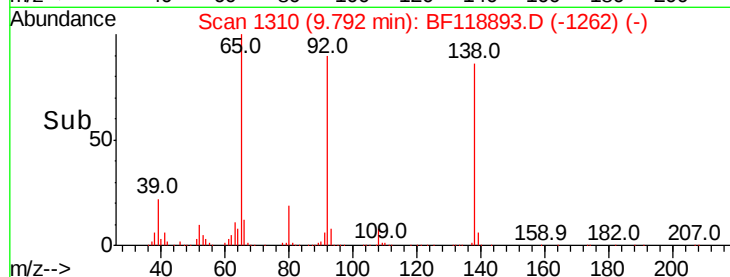
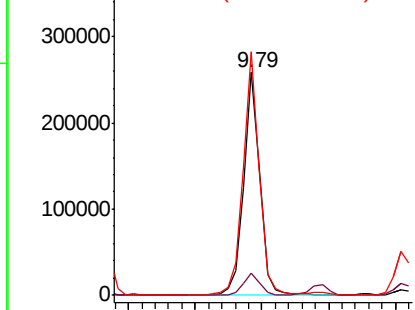
#53
3-Nitroaniline
Concen: 20.682 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF118893.D
Acq: 11 Feb 2020 19:36

Instrument :
BNA_F
ClientSampleId :
SP-3MS

Tot Ion:138 Resp: 216573
Ion Ratio Lower Upper
138 100
108 10.2 8.5 12.7
92 109.3 82.2 123.4

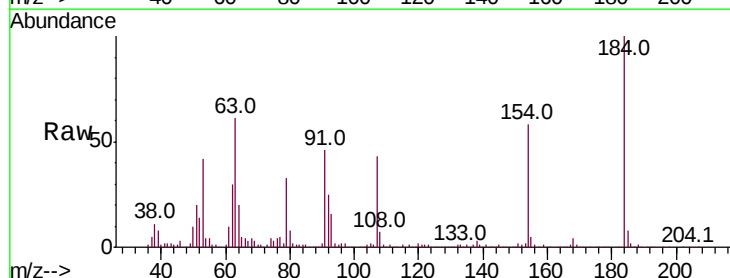


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

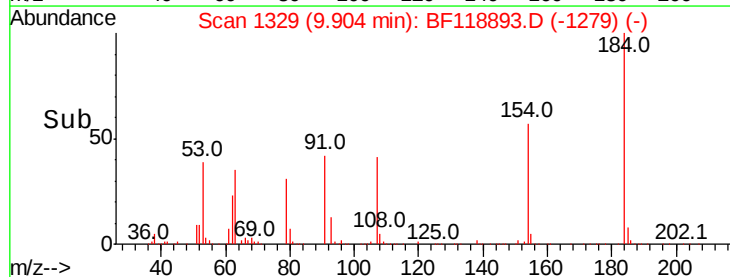
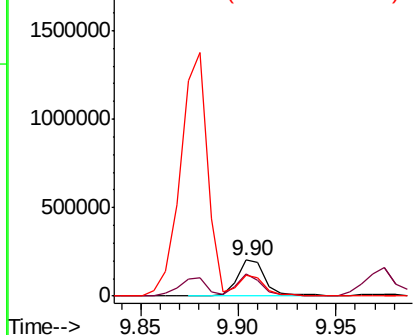


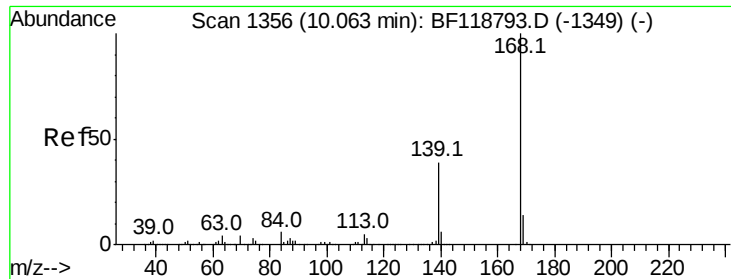
#54
2,4-Dinitrophenol
Concen: 46.072 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF118893.D
Acq: 11 Feb 2020 19:36

Tgt Ion:184 Resp: 209127
Ion Ratio Lower Upper
184 100
63 60.6 47.5 71.3
154 57.6 48.6 72.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

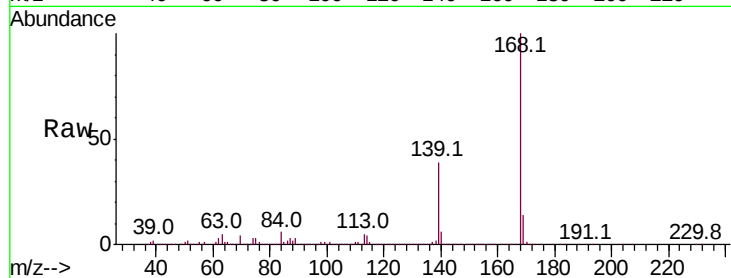




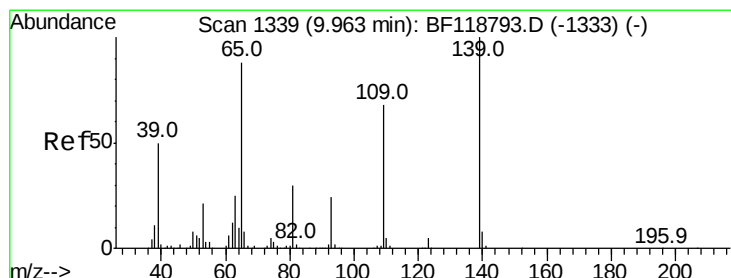
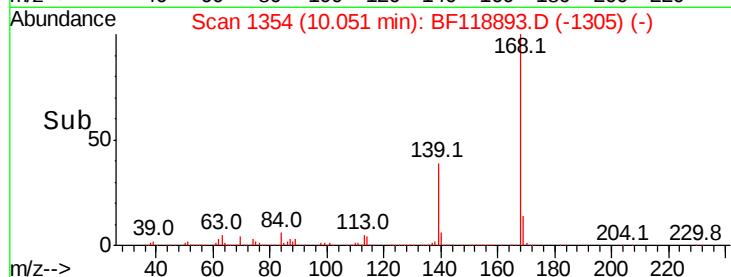
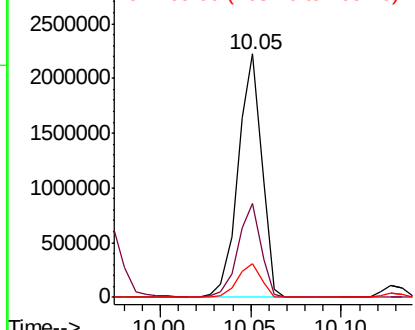
#55
Dibenzofuran
Concen: 41.945 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF118893.D
Acq: 11 Feb 2020 19:36

Instrument :
BNA_F
ClientSampled :
SP-3MS

Tot Ion:168 Resp: 2010092
Ion Ratio Lower Upper
168 100
139 38.7 31.6 47.4
169 14.1 11.4 17.2

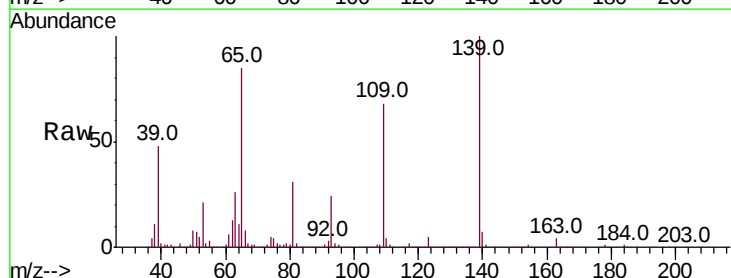


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

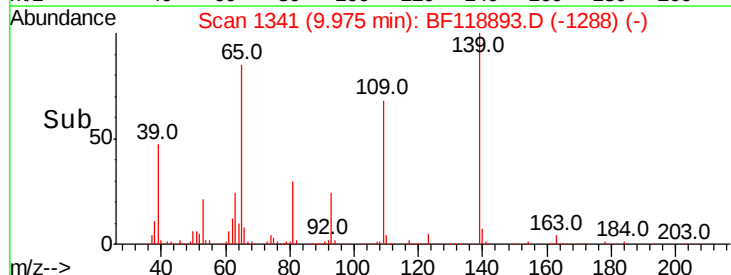
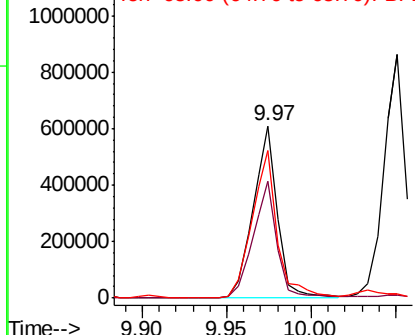


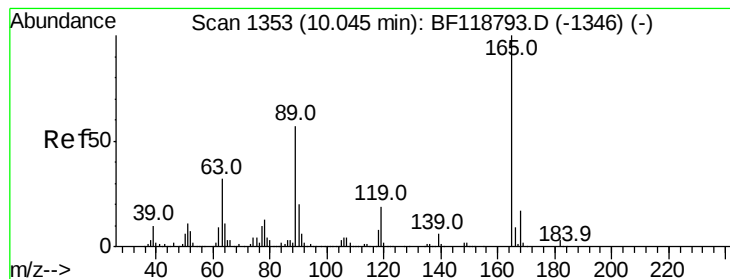
#56
4-Nitrophenol
Concen: 80.342 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF118893.D
Acq: 11 Feb 2020 19:36

Tgt Ion:139 Resp: 608892
Ion Ratio Lower Upper
139 100
109 67.8 48.0 88.0
65 85.5 68.3 108.3



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 43.253 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

Instrument :

BNA_F

ClientSampleId :

SP-3MS

Tot Ion:165 Resp: 540464

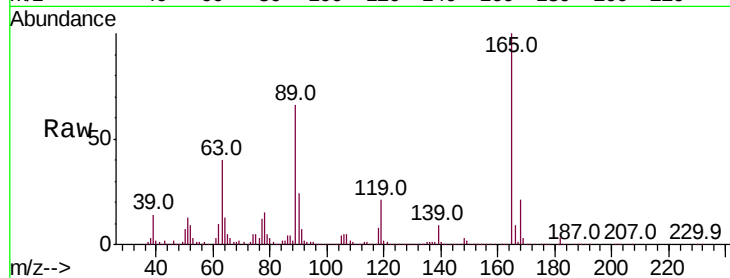
Ion Ratio Lower Upper

165 100

63 39.5 25.5 38.3#

89 66.3 45.4 68.0

182 2.8 2.4 3.6

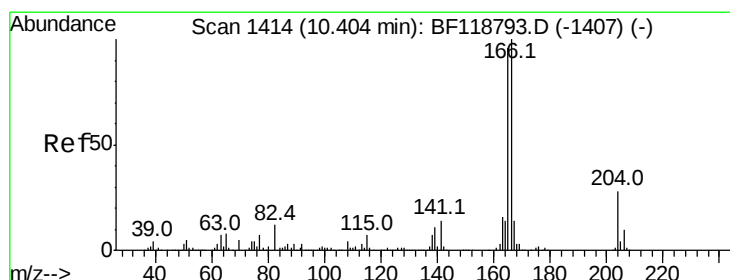
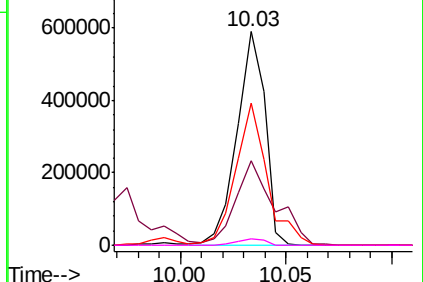
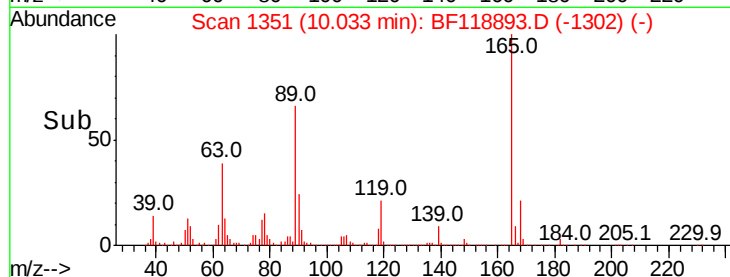


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 43.021 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

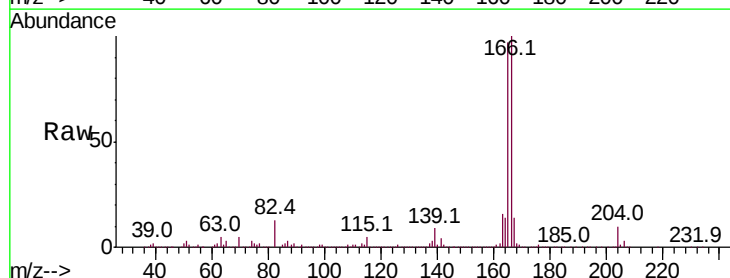
Tgt Ion:166 Resp: 1551030

Ion Ratio Lower Upper

166 100

165 96.5 77.0 115.6

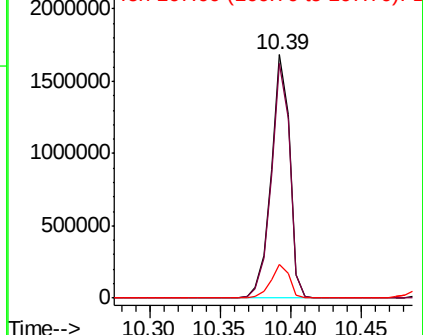
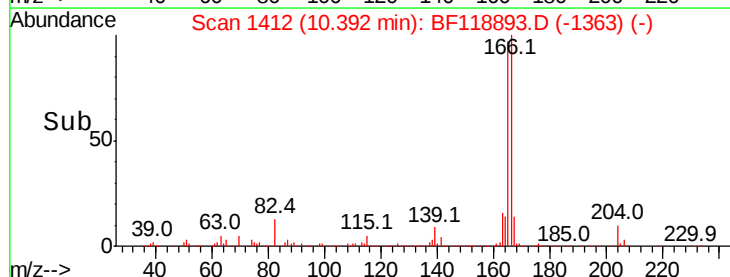
167 14.0 11.1 16.7

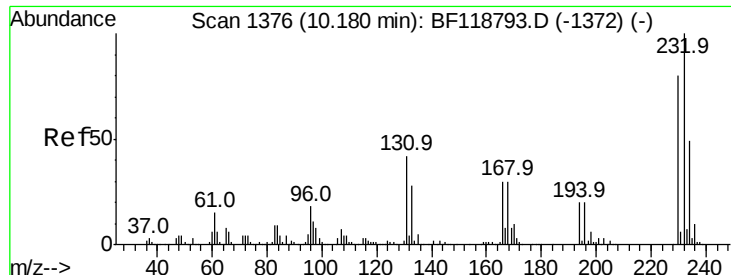


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

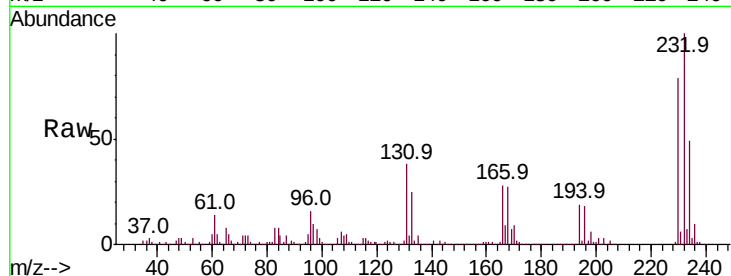




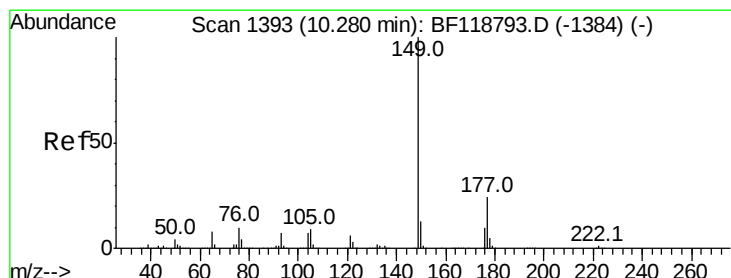
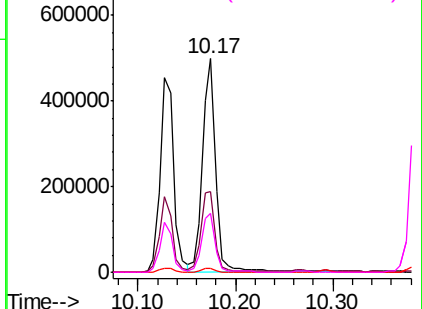
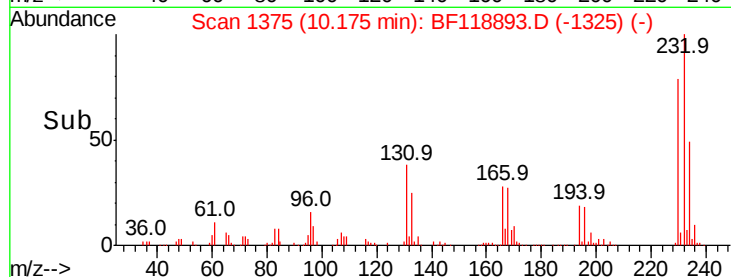
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.431 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF118893.D
 Acq: 11 Feb 2020 19:36

Instrument :
 BNA_F
 ClientSampleId :
 SP-3MS

Tot Ion:	232	Resp:	463108
Ion	Ratio	Lower	Upper
232	100		
131	39.7	31.8	47.6
130	2.0	1.6	2.4
166	28.1	23.1	34.7

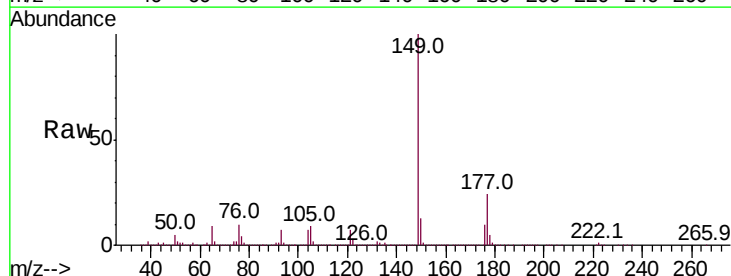


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

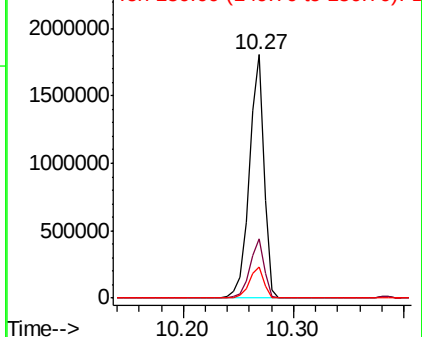
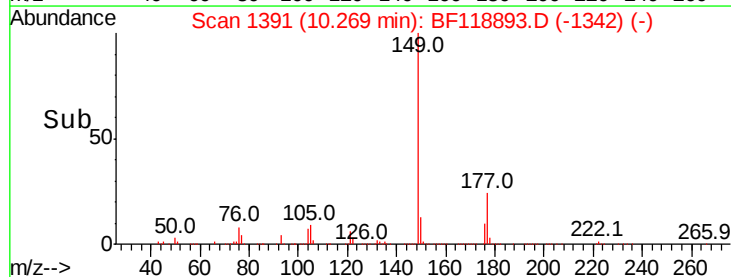


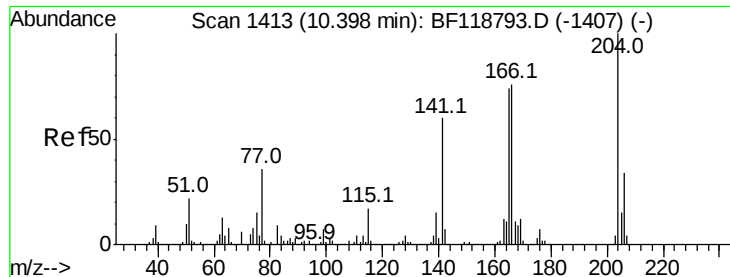
#60
 Diethylphthalate
 Concen: 41.733 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BF118893.D
 Acq: 11 Feb 2020 19:36

Tgt Ion:	149	Resp:	1674614
Ion	Ratio	Lower	Upper
149	100		
177	24.5	19.3	28.9
150	12.9	10.4	15.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

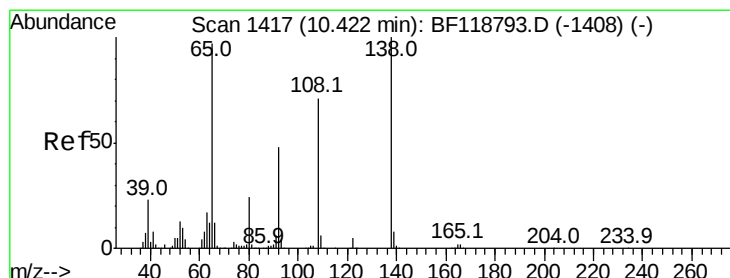
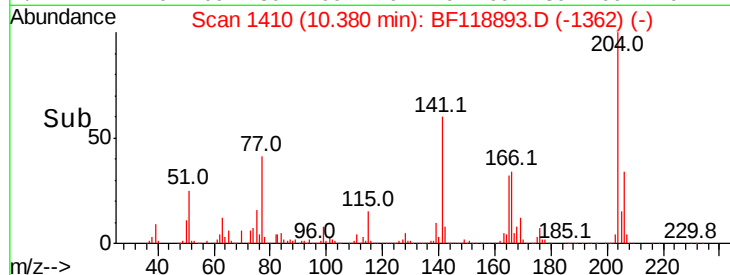
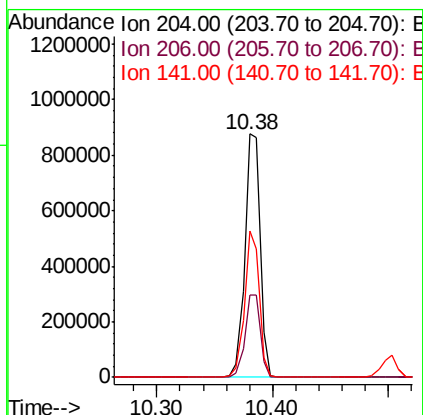
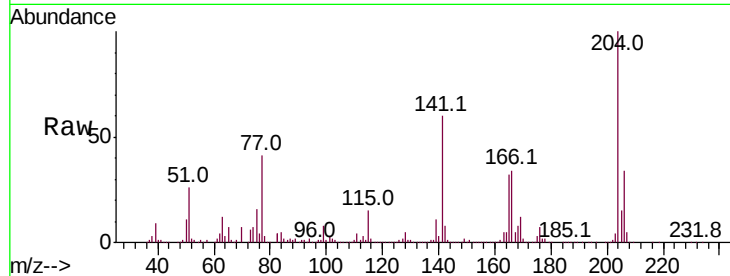




#61
4-Chlorophenyl-phenylether
Concen: 41.174 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF118893.D
Acq: 11 Feb 2020 19:36

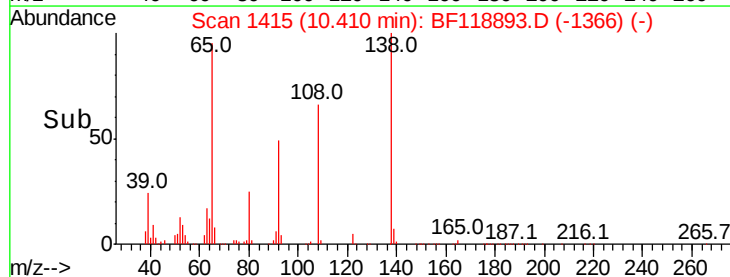
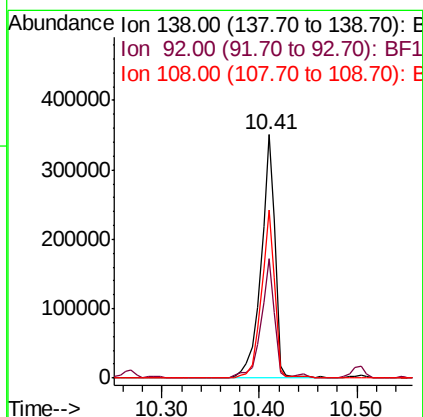
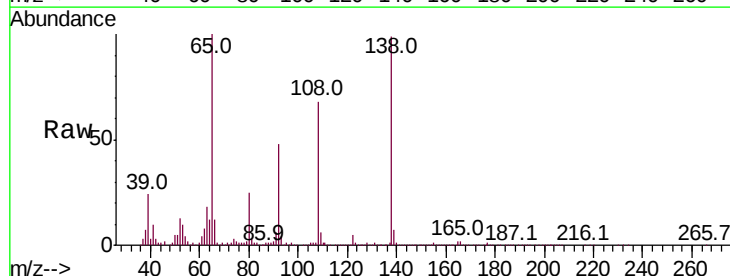
Instrument :
BNA_F
ClientSampled :
SP-3MS

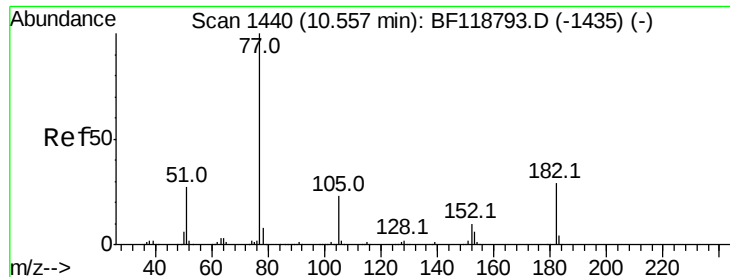
Tot Ion:204 Resp: 805021
Ion Ratio Lower Upper
204 100
206 34.0 27.4 41.2
141 59.9 47.8 71.6



#62
4-Nitroaniline
Concen: 34.102 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF118893.D
Acq: 11 Feb 2020 19:36

Tgt Ion:138 Resp: 357610
Ion Ratio Lower Upper
138 100
92 48.9 27.6 67.6
108 68.8 51.3 91.3

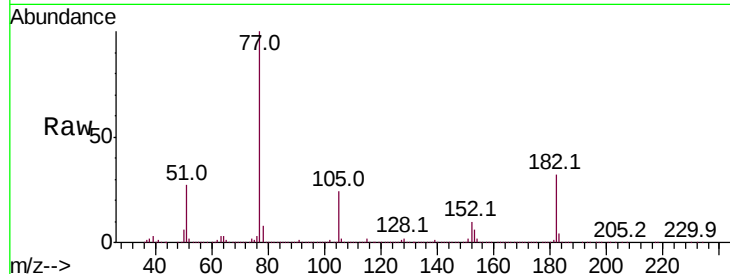




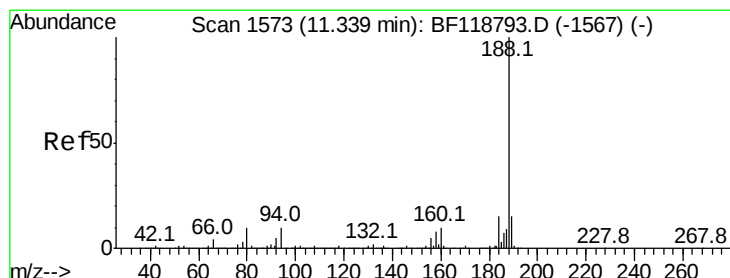
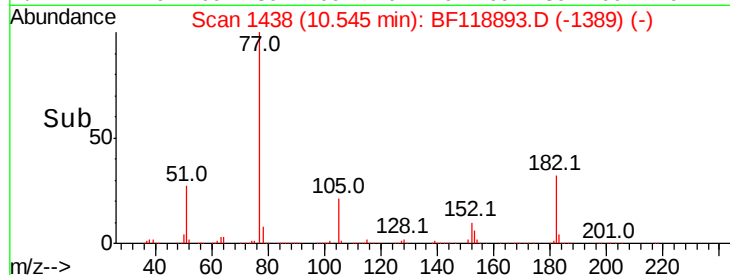
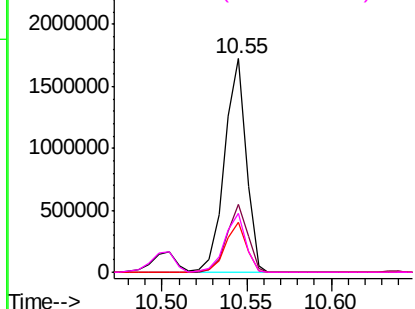
#63
Azobenzene
Concen: 44.398 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF118893.D
Acq: 11 Feb 2020 19:36

Instrument :
BNA_F
ClientSampled :
SP-3MS

Tot Ion: 77 Resp: 1520981
Ion Ratio Lower Upper
77 100
182 31.6 9.2 49.2
105 23.6 3.1 43.1
51 27.3 7.4 47.4

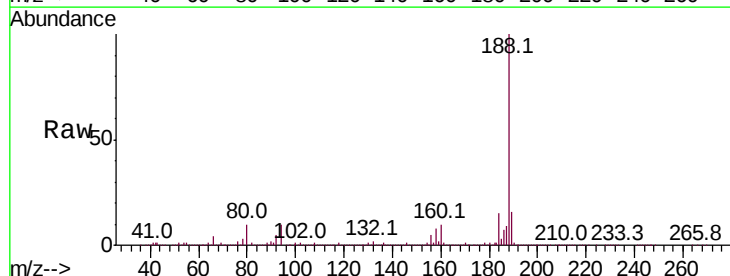


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

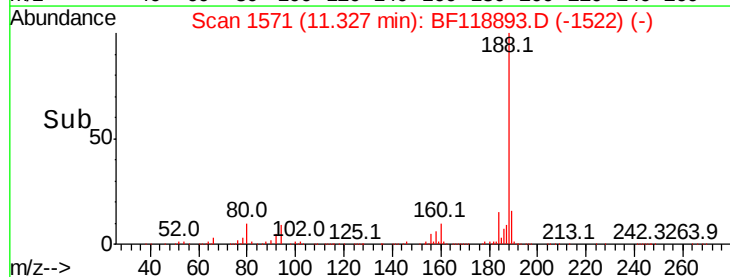
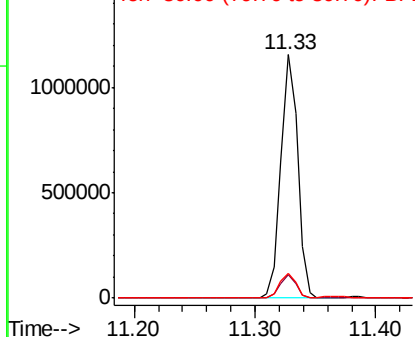


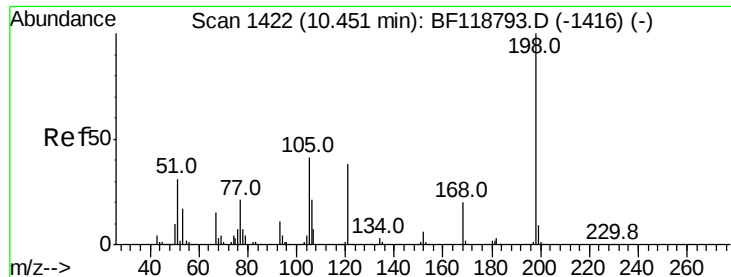
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF118893.D
Acq: 11 Feb 2020 19:36

Tgt Ion: 188 Resp: 1106766
Ion Ratio Lower Upper
188 100
94 9.6 7.9 11.9
80 10.4 8.4 12.6



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

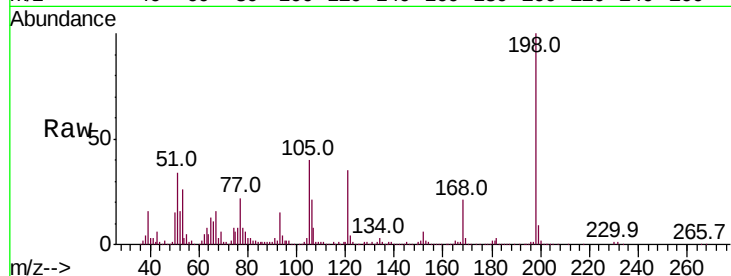




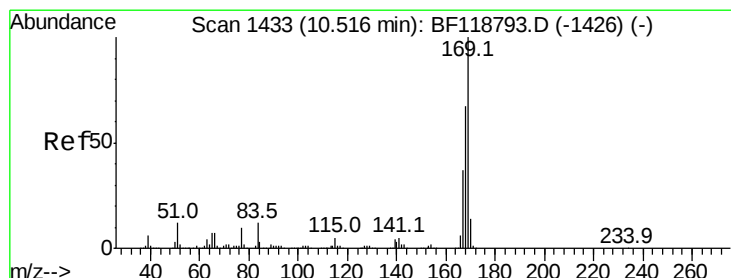
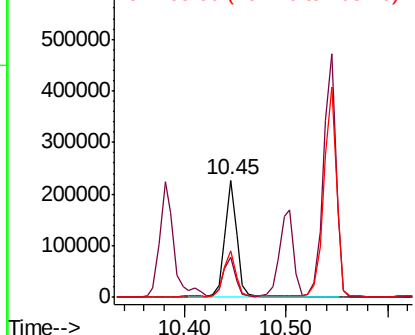
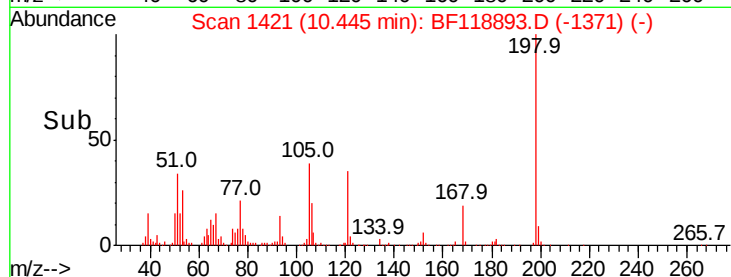
#65
 4,6-Dinitro-2-methylphenol
 Concen: 30.349 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF118893.D
 Acq: 11 Feb 2020 19:36

Instrument :
 BNA_F
 ClientSampleId :
 SP-3MS

Tot Ion:198 Resp: 188741
 Ion Ratio Lower Upper
 198 100
 51 34.3 16.7 56.7
 105 39.7 22.0 62.0

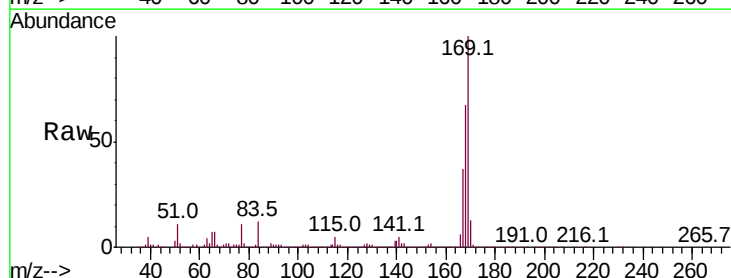


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

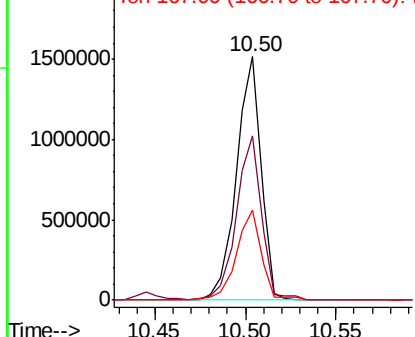
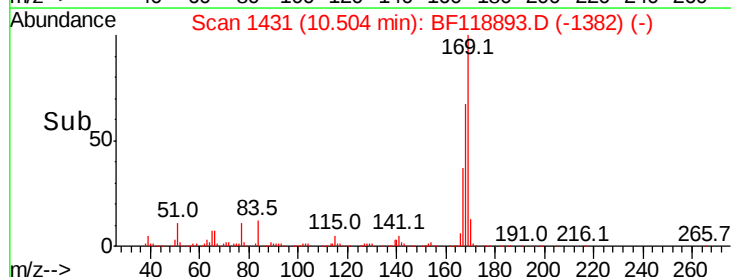


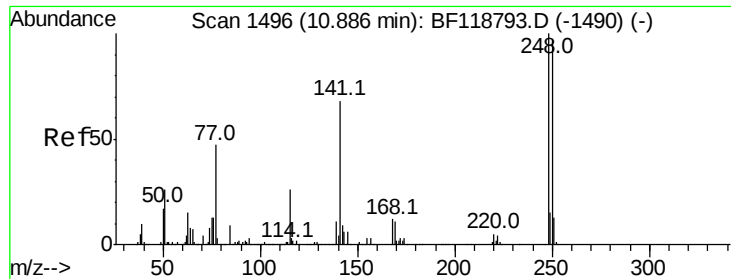
#66
 n-Nitrosodiphenylamine
 Concen: 44.397 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF118893.D
 Acq: 11 Feb 2020 19:36

Tgt Ion:169 Resp: 1423318
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.5 80.3
 167 36.9 29.3 43.9



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

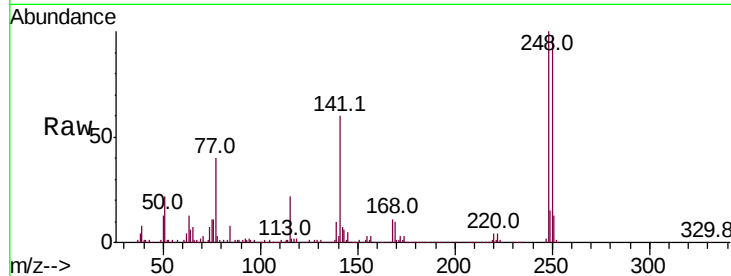




#67
 4-Bromophenyl-phenylether
 Concen: 42.562 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF118893.D
 Acq: 11 Feb 2020 19:36

Instrument :
 BNA_F
 ClientSampleId :
 SP-3MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.6	116.4
141	59.6	54.4	81.6

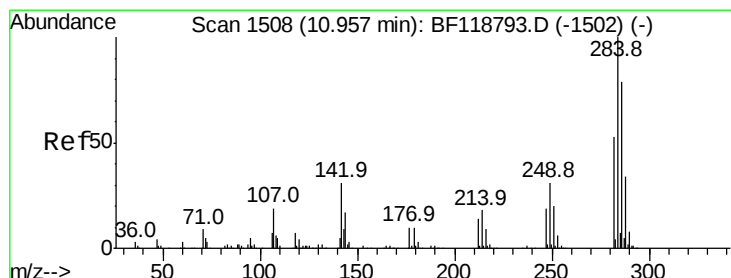
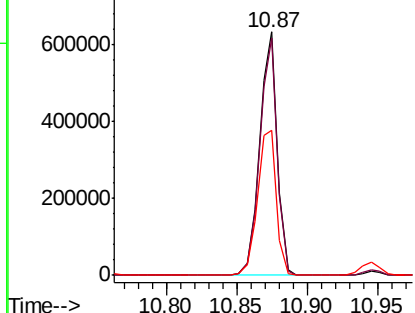
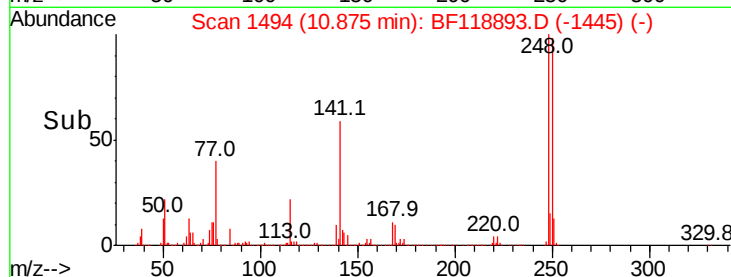


Abundance

Ion 248.00 (247.70 to 248.70): E

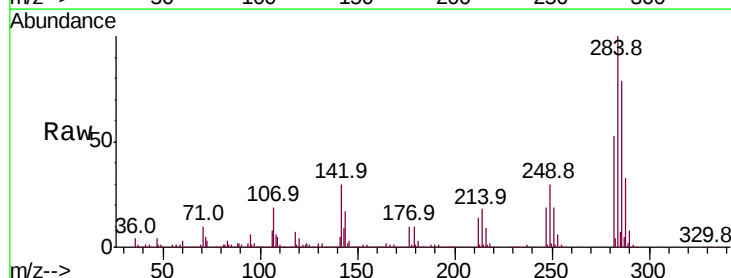
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 40.842 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF118893.D
 Acq: 11 Feb 2020 19:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.7	24.5	36.7
249	30.5	24.7	37.1

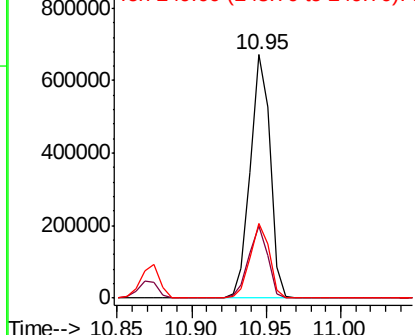
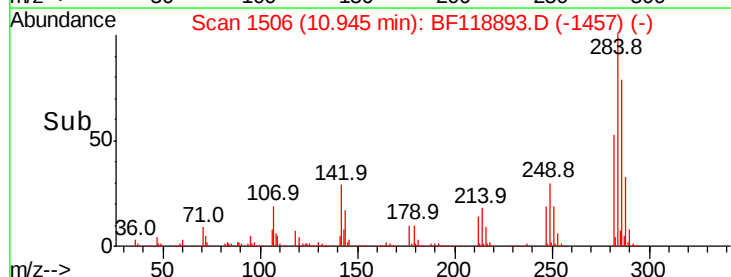


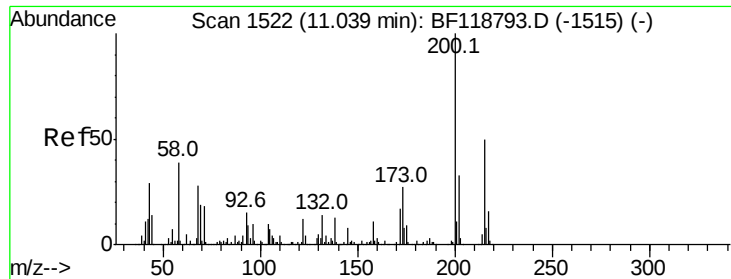
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

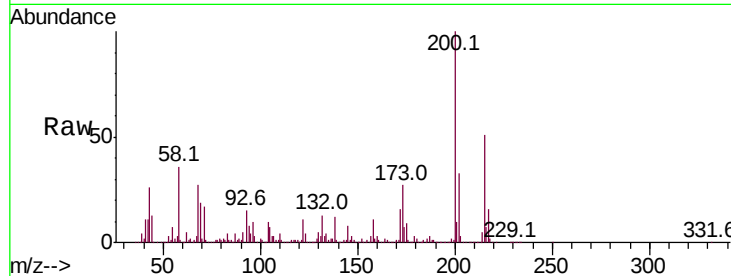




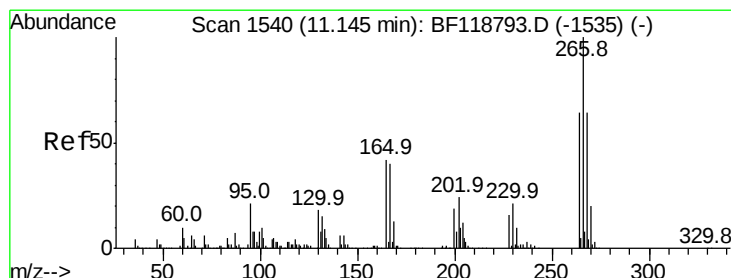
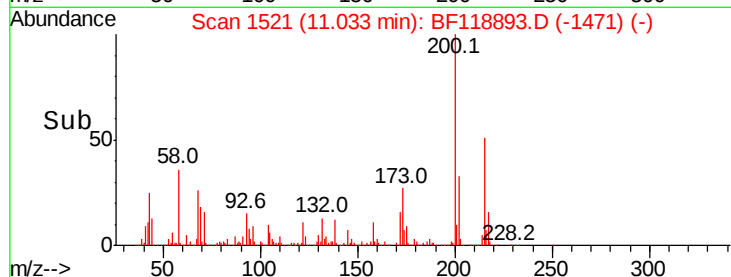
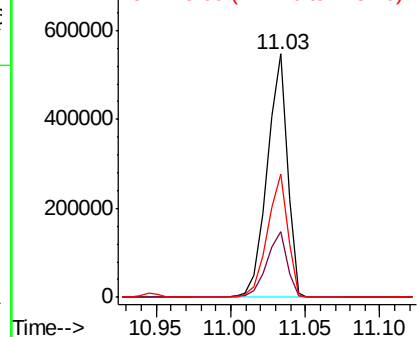
#69
Atrazine
Concen: 47.719 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF118893.D
Acq: 11 Feb 2020 19:36

Instrument :
BNA_F
ClientSampleId :
SP-3MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.8	7.5	47.5
215	50.6	29.9	69.9

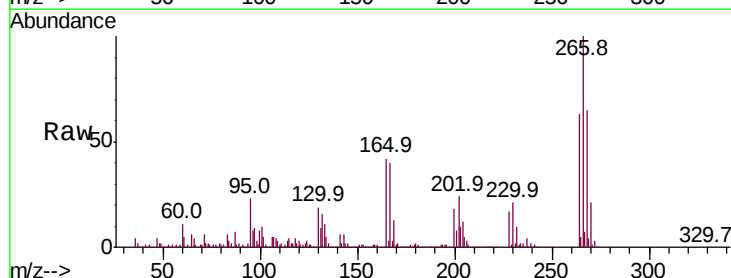


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

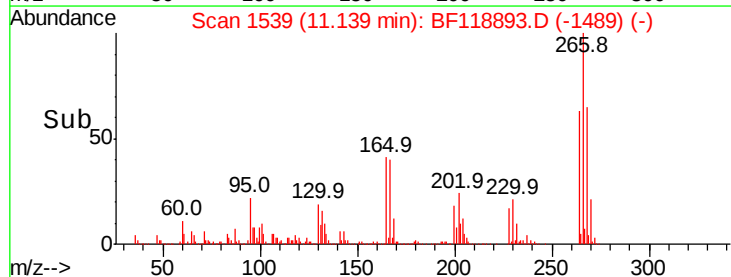
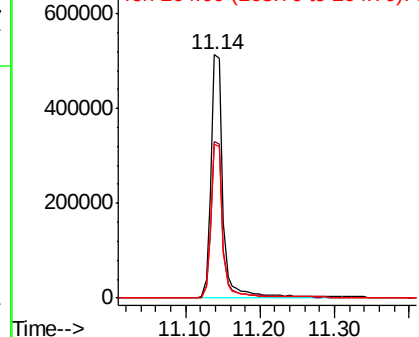


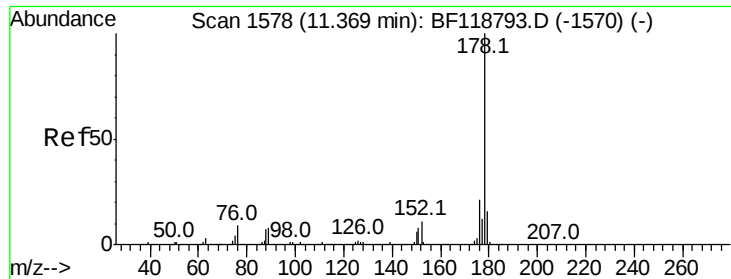
#70
Pentachlorophenol
Concen: 74.706 ng
RT: 11.14 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BF118893.D
Acq: 11 Feb 2020 19:36

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.0	76.6
264	63.3	51.4	77.2



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 46.544 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

Instrument :

BNA_F

ClientSampleId :

SP-3MS

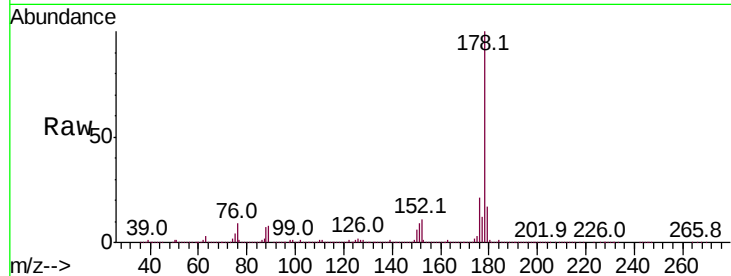
Tot Ion:178 Resp: 2534514

Ion Ratio Lower Upper

178 100

176 21.2 16.6 24.8

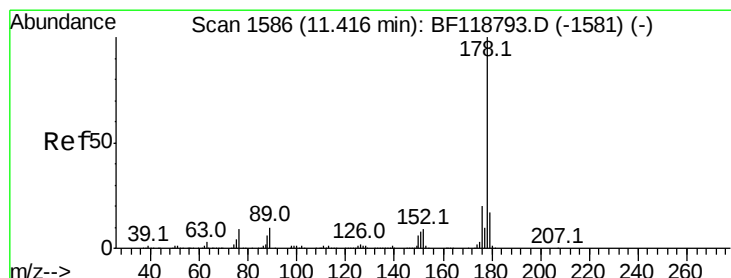
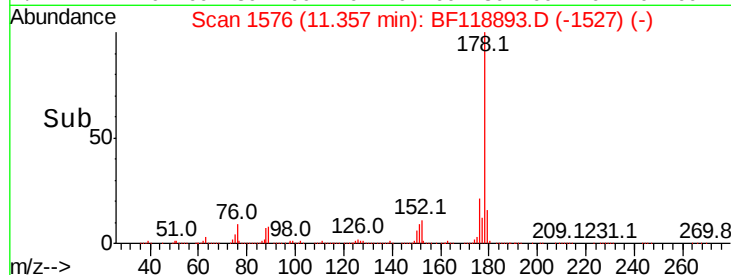
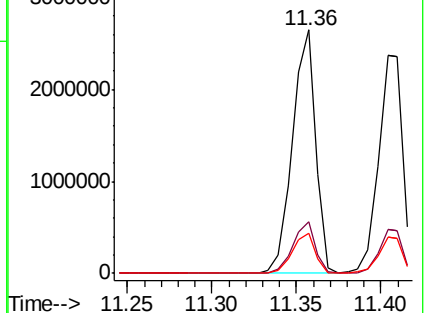
179 16.6 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.090 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

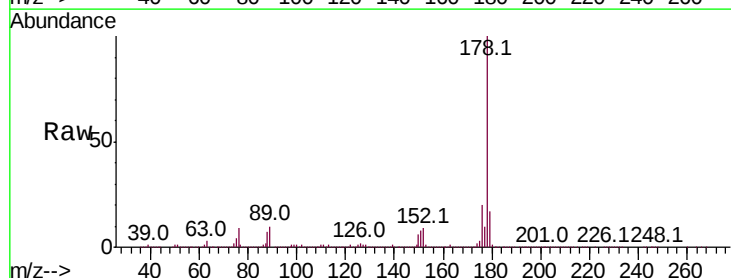
Tgt Ion:178 Resp: 2388461

Ion Ratio Lower Upper

178 100

176 19.9 16.2 24.2

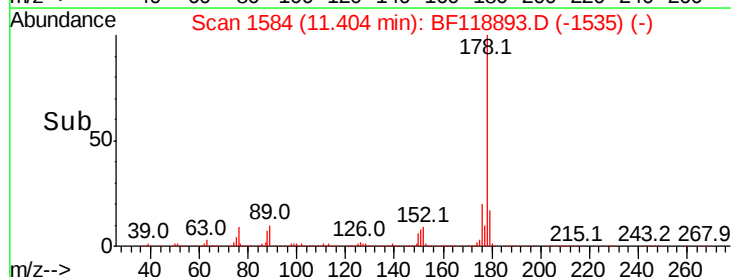
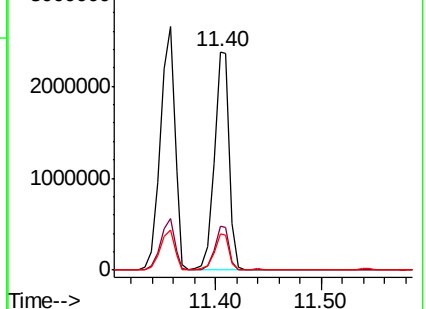
179 16.7 13.4 20.2

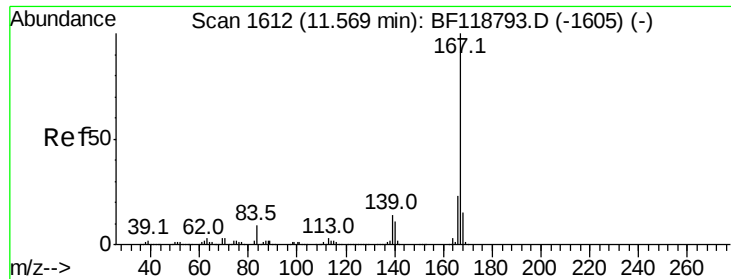


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

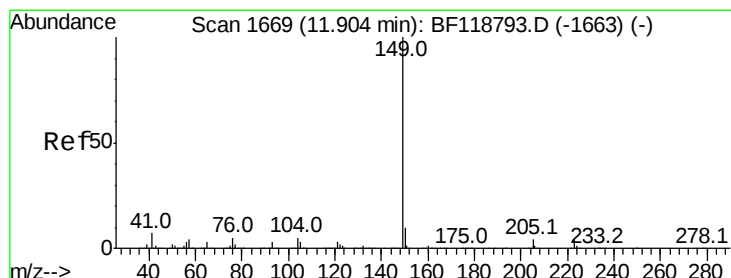
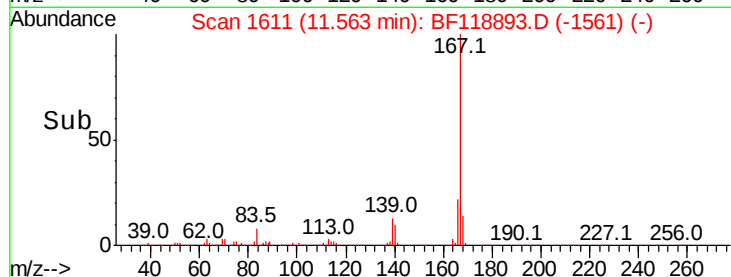
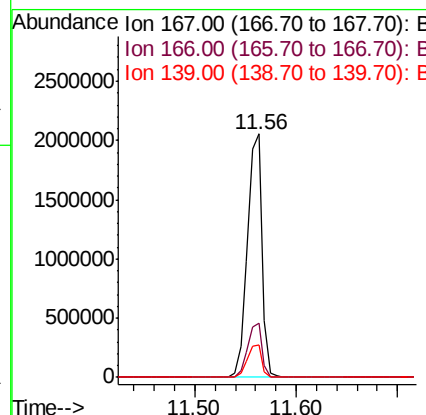
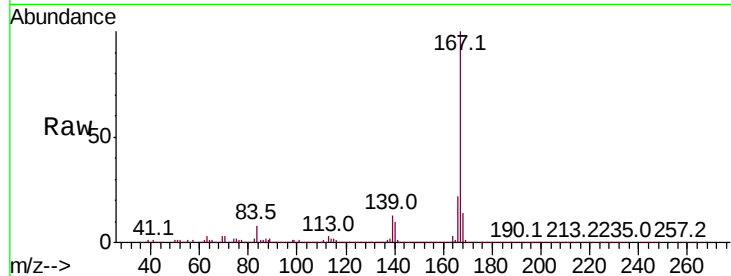




#73
 Carbazole
 Concen: 43.205 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF118893.D
 Acq: 11 Feb 2020 19:36

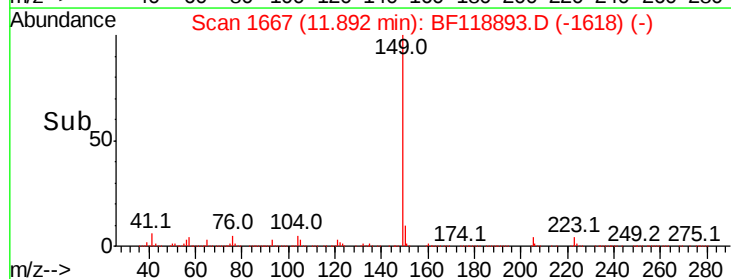
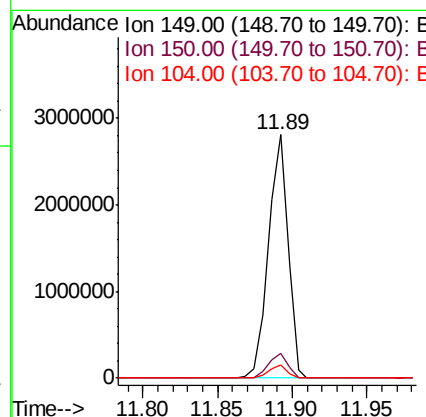
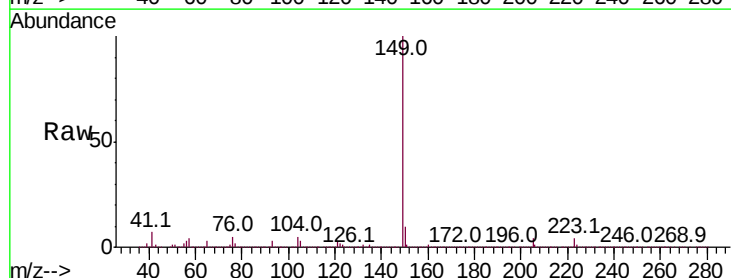
Instrument :
 BNA_F
 ClientSampled :
 SP-3MS

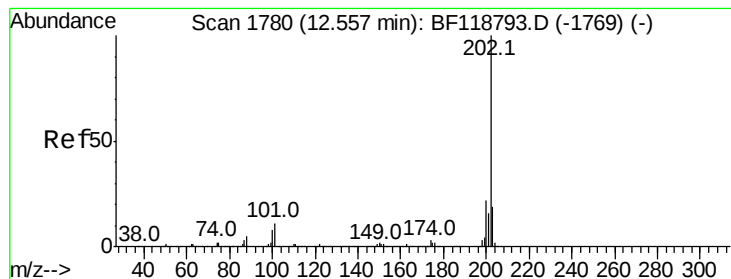
Tot Ion:167 Resp: 2054071
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.4 27.6
 139 13.1 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 41.457 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BF118893.D
 Acq: 11 Feb 2020 19:36

Tgt Ion:149 Resp: 2510732
 Ion Ratio Lower Upper
 149 100
 150 10.1 8.1 12.1
 104 5.3 4.3 6.5





#75

Fluoranthene

Concen: 43.755 ng

RT: 12.55 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

Instrument :

BNA_F

ClientSampleId :

SP-3MS

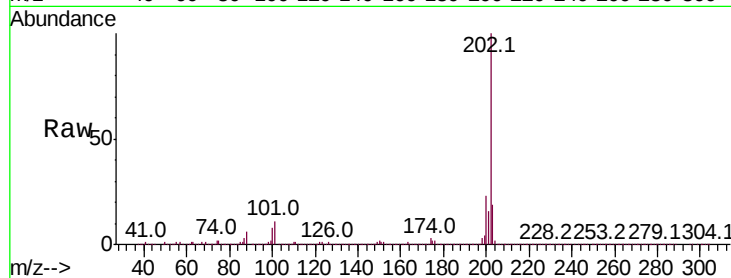
Tot Ion:202 Resp: 2601457

Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.0

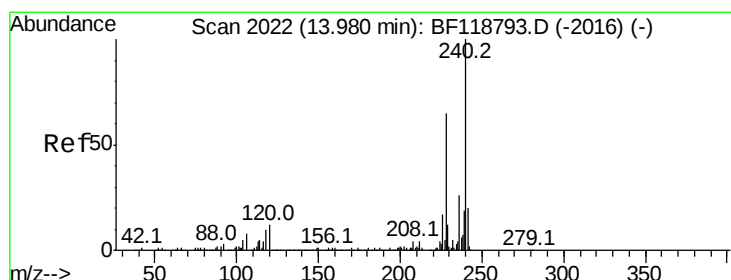
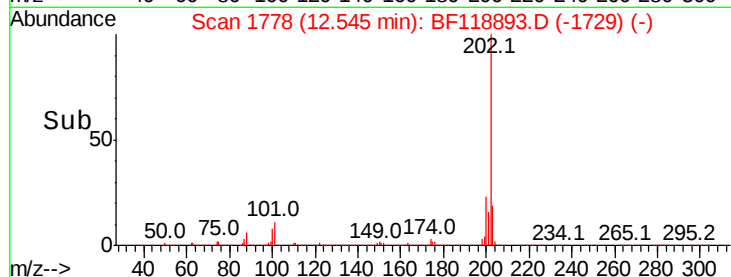
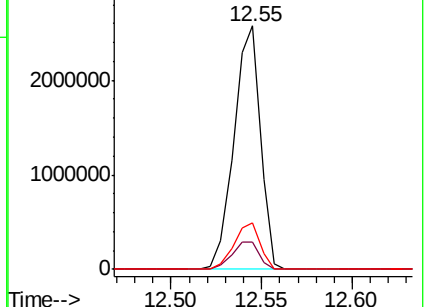
203 19.3 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

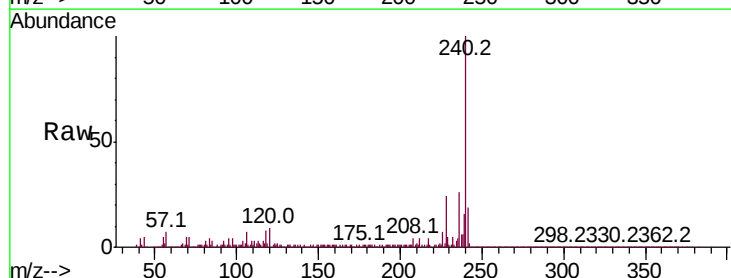
Tgt Ion:240 Resp: 685467

Ion Ratio Lower Upper

240 100

120 9.5 9.4 14.0

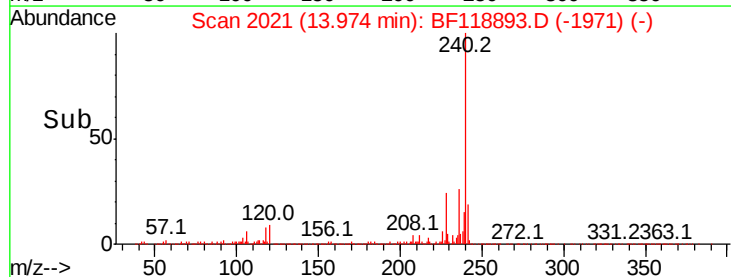
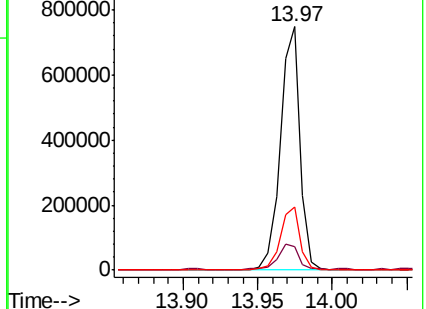
236 25.7 21.0 31.6

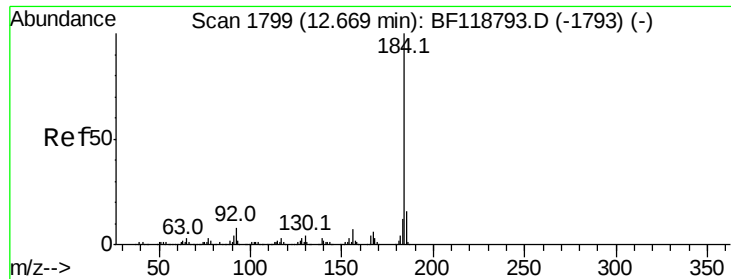


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.044 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

Instrument :

BNA_F

ClientSampleId :

SP-3MS

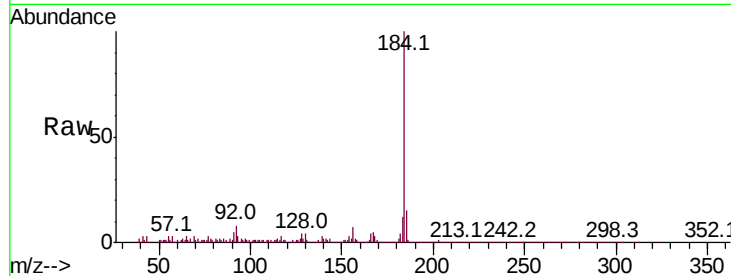
Tot Ion:184 Resp: 747271

Ion Ratio Lower Upper

184 100

185 15.1 12.5 18.7

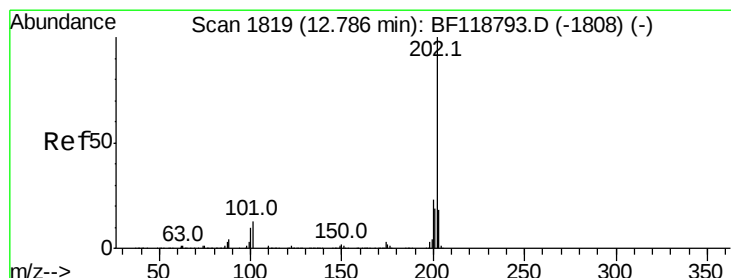
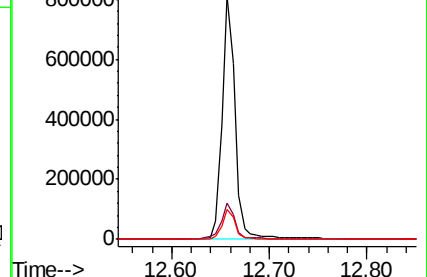
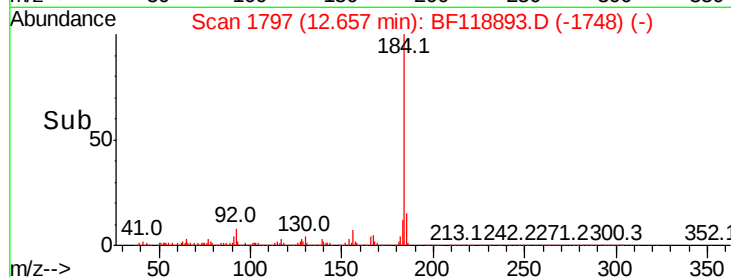
183 12.2 9.7 14.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 52.704 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

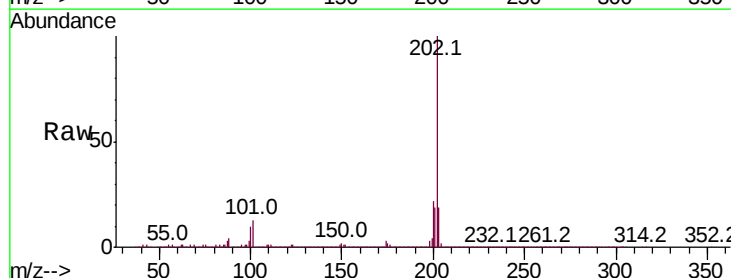
Tgt Ion:202 Resp: 2478376

Ion Ratio Lower Upper

202 100

200 22.3 18.2 27.2

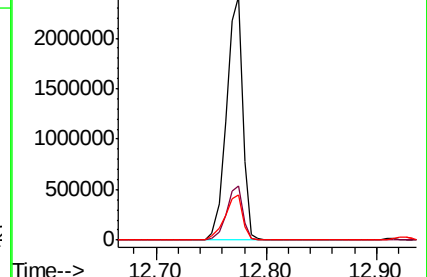
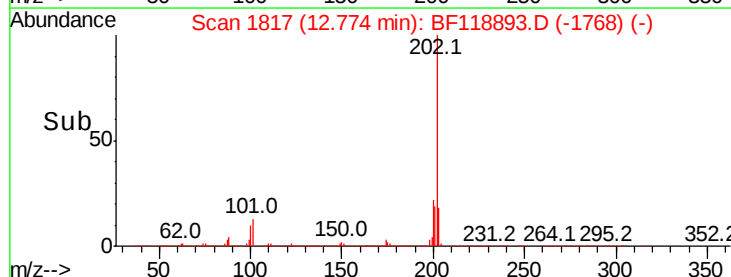
203 18.5 14.8 22.2

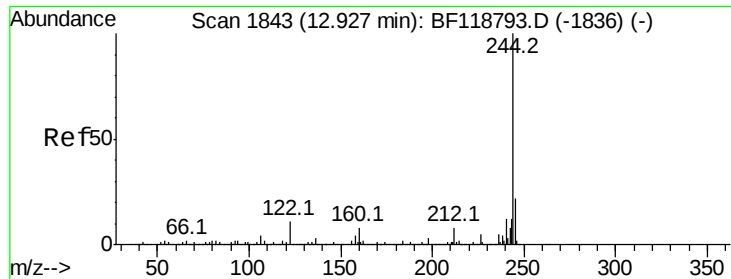


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.597 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

Instrument :

BNA_F

ClientSampleId :

SP-3MS

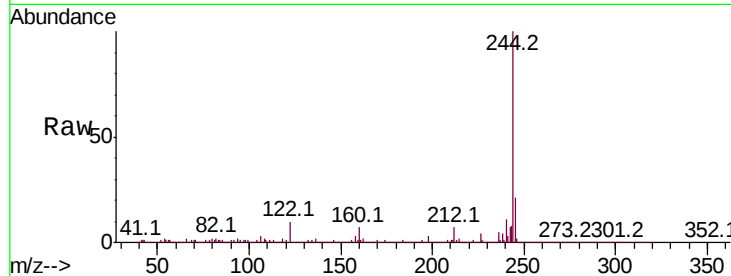
Tot Ion:244 Resp: 2889875

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

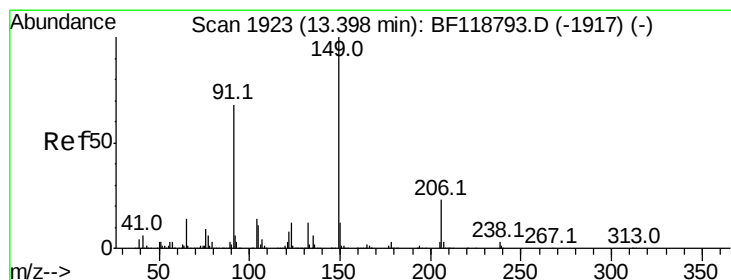
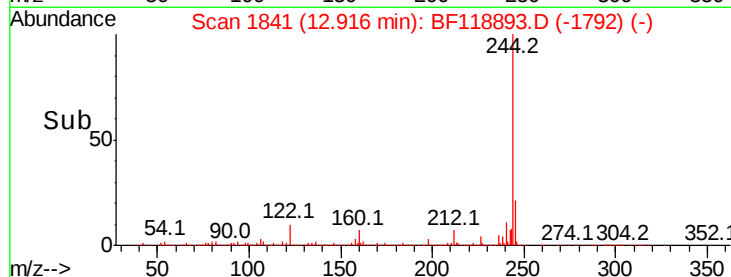
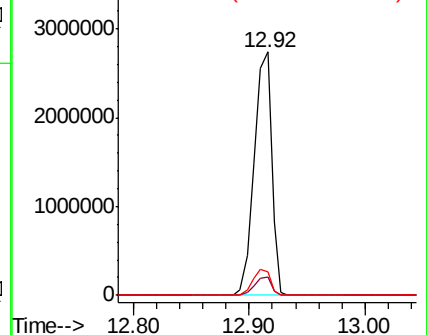
122 9.7 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.946 ng

RT: 13.39 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

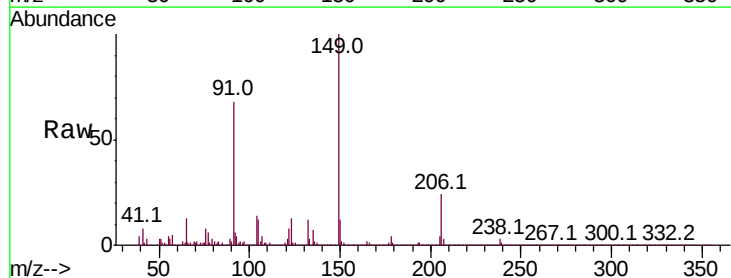
Tgt Ion:149 Resp: 986171

Ion Ratio Lower Upper

149 100

91 67.5 54.7 82.1

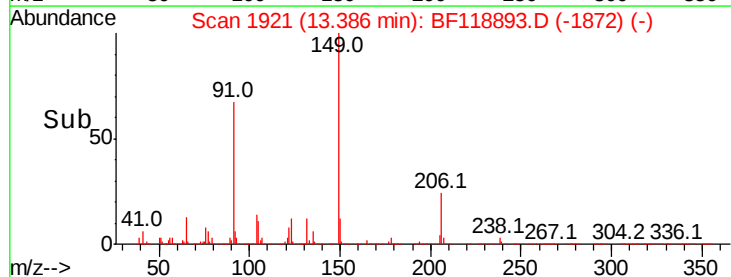
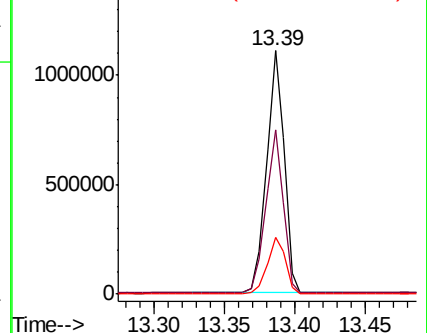
206 23.6 18.5 27.7

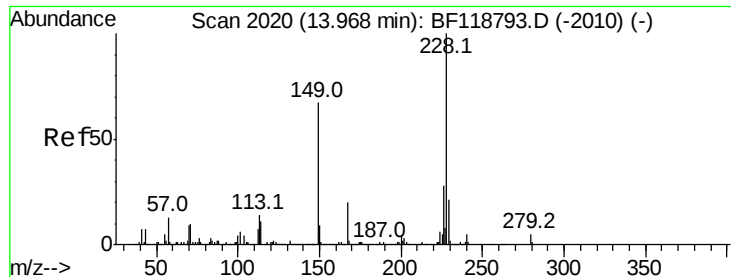


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.784 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

Instrument :

BNA_F

ClientSampleId :

SP-3MS

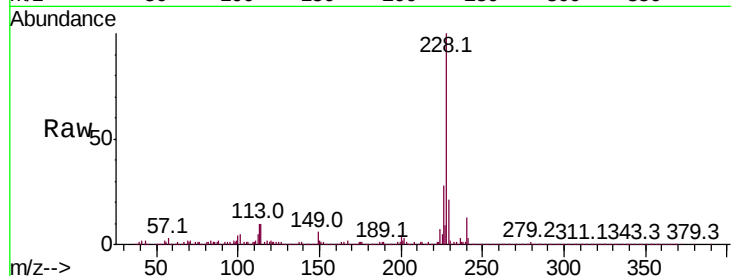
Tot Ion:228 Resp: 1908278

Ion Ratio Lower Upper

228 100

226 28.3 22.7 34.1

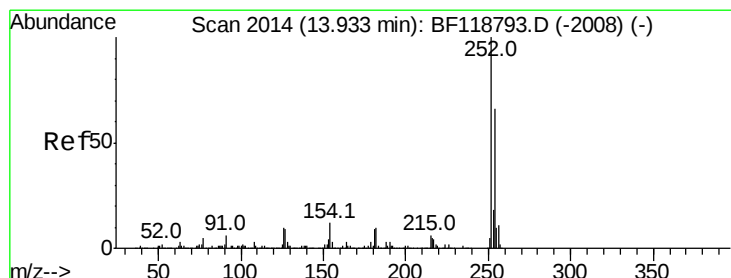
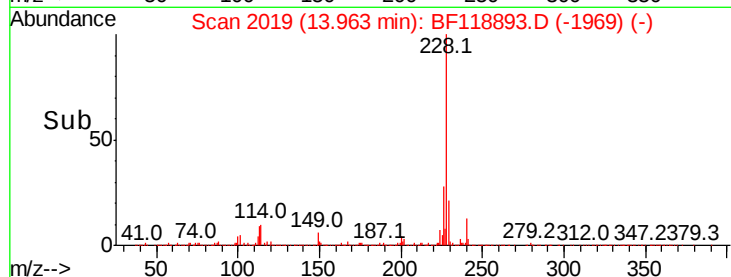
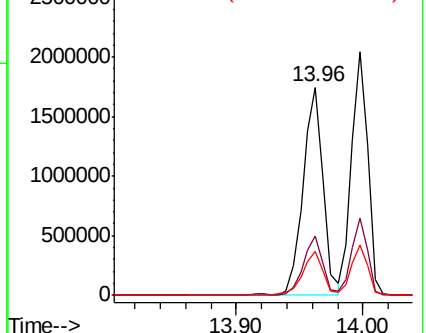
229 21.0 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.359 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

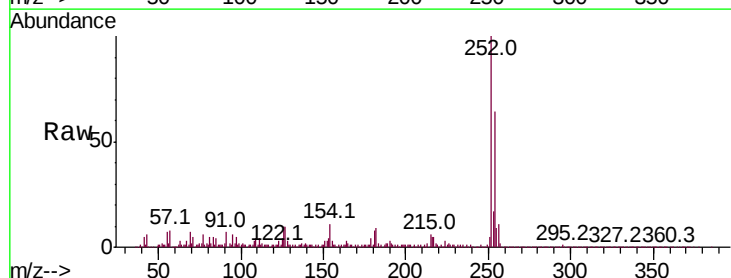
Tgt Ion:252 Resp: 489790

Ion Ratio Lower Upper

252 100

254 64.2 52.4 78.6

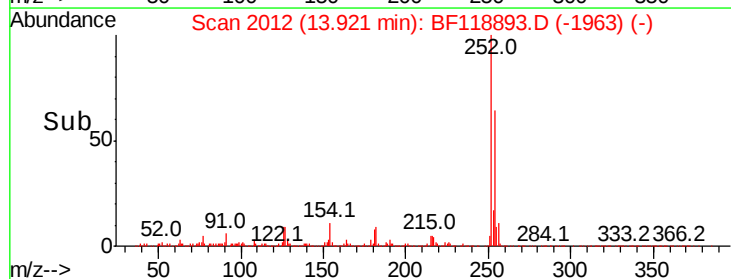
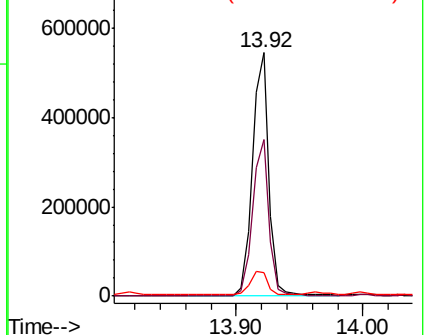
126 9.6 7.8 11.8

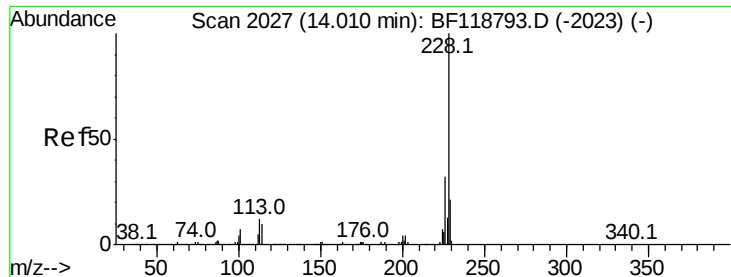


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.513 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

Instrument :

BNA_F

ClientSampleId :

SP-3MS

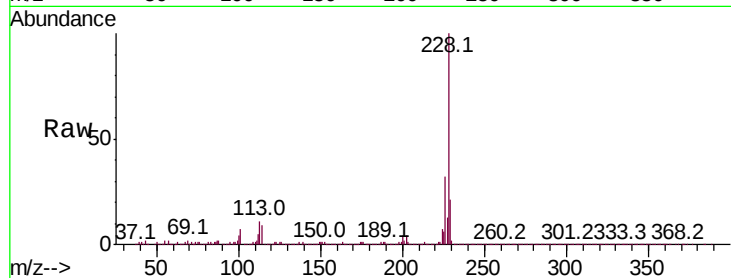
Tot Ion:228 Resp: 1822274

Ion Ratio Lower Upper

228 100

226 31.7 25.4 38.0

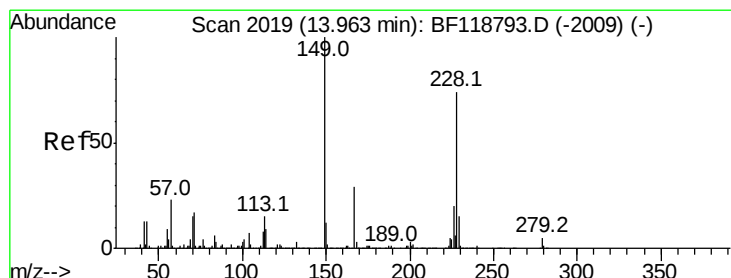
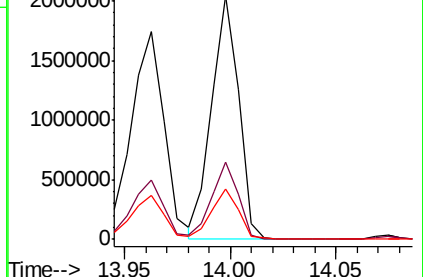
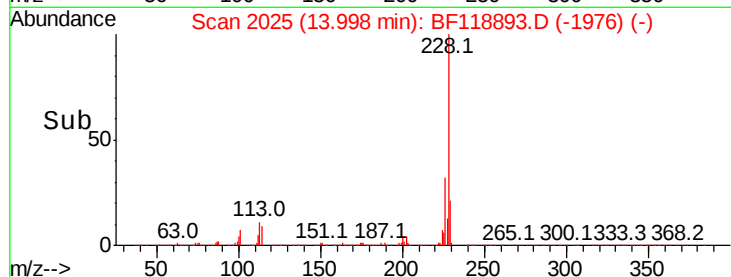
229 20.9 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.222 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

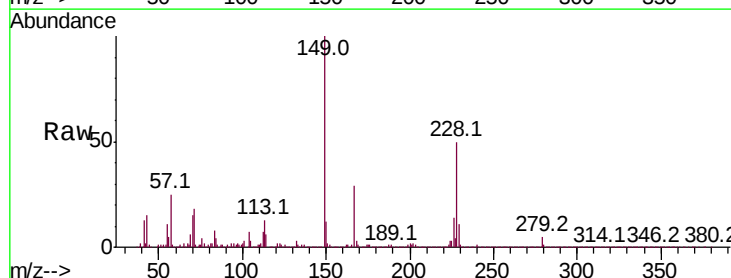
Tgt Ion:149 Resp: 1285916

Ion Ratio Lower Upper

149 100

167 28.8 23.0 34.6

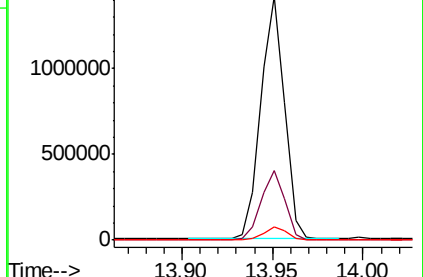
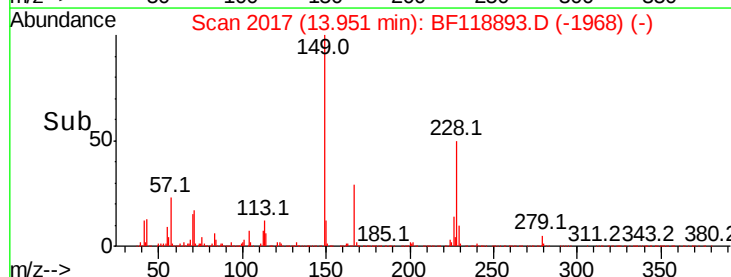
279 5.4 4.4 6.6

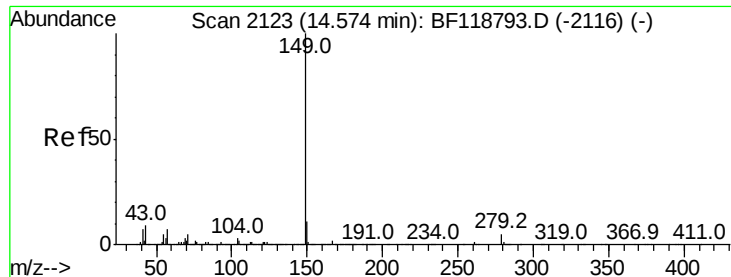


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.725 ng

RT: 14.56 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

Instrument :

BNA_F

ClientSampleId :

SP-3MS

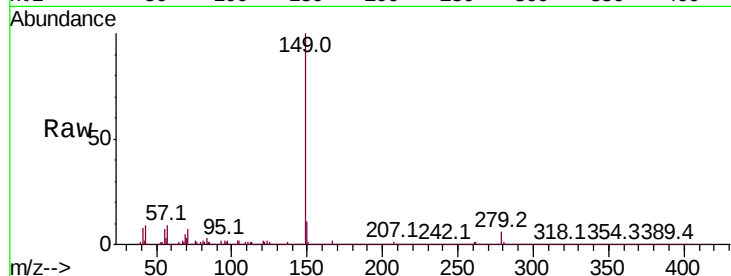
Tot Ion:149 Resp: 1993147

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

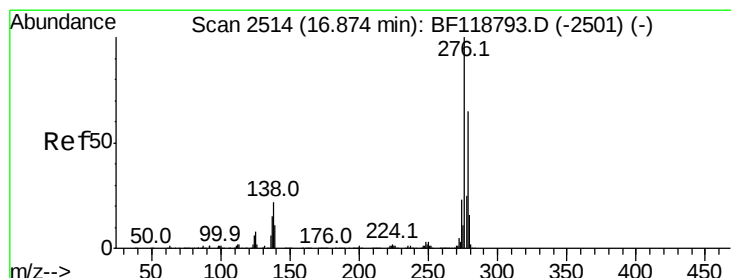
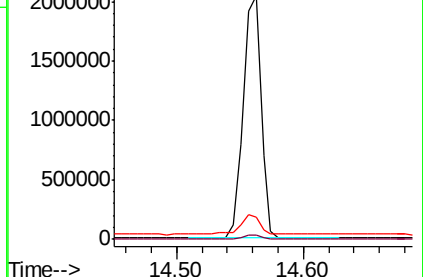
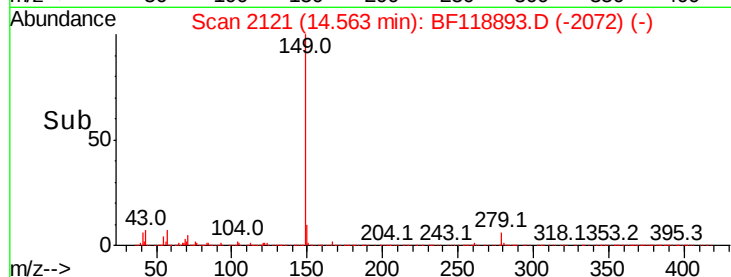
43 8.8 6.6 10.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 55.195 ng

RT: 16.87 min Scan# 2514

Delta R.T. 0.00 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

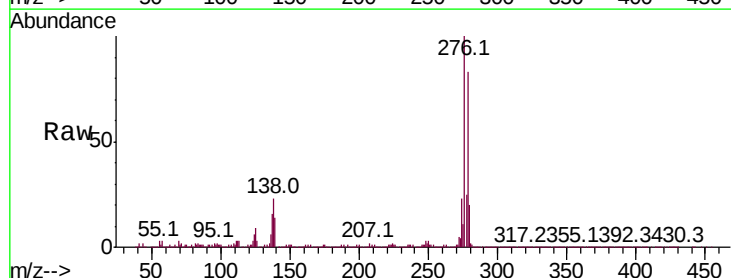
Tgt Ion:276 Resp: 2270278

Ion Ratio Lower Upper

276 100

138 22.8 18.3 27.5

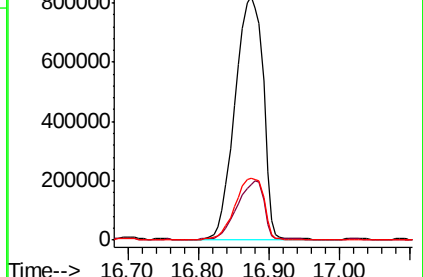
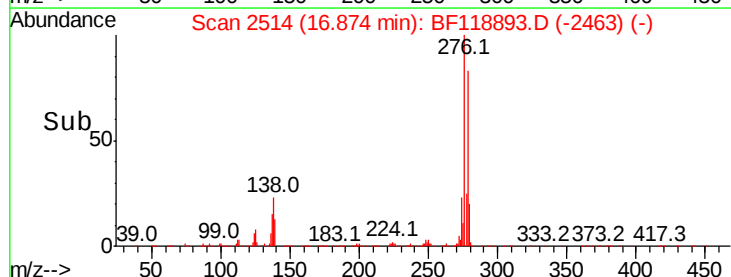
277 25.3 20.2 30.4

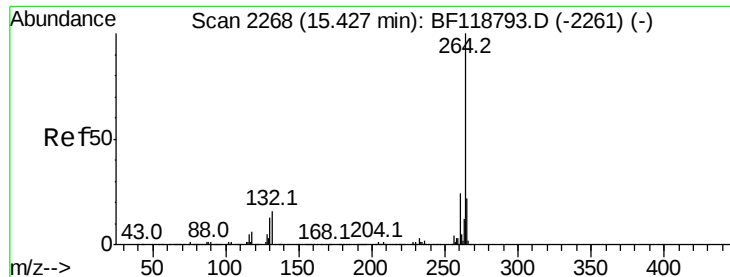


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

Instrument :

BNA_F

ClientSampleId :

SP-3MS

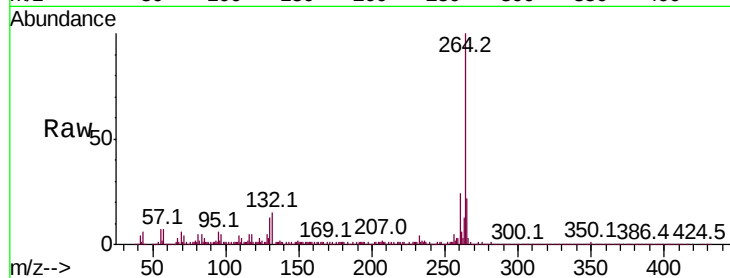
Tot Ion:264 Resp: 776679

Ion Ratio Lower Upper

264 100

260 24.4 19.1 28.7

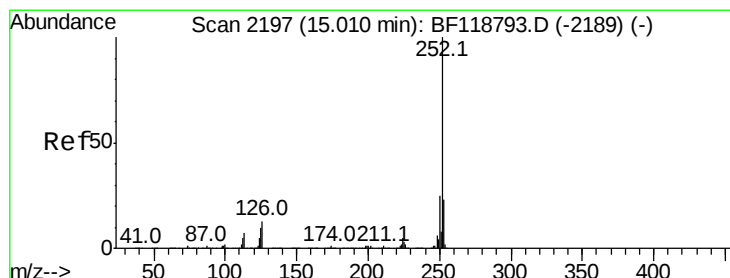
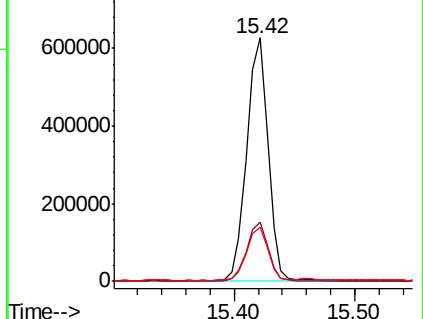
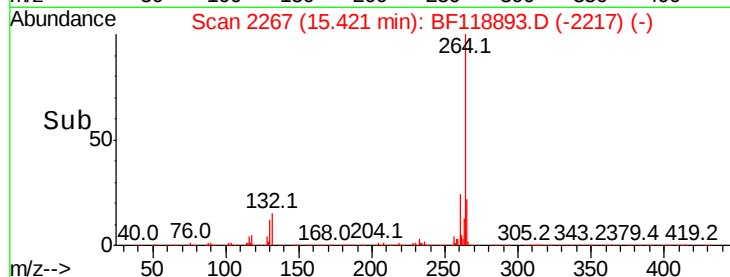
265 22.0 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.228 ng

RT: 15.00 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

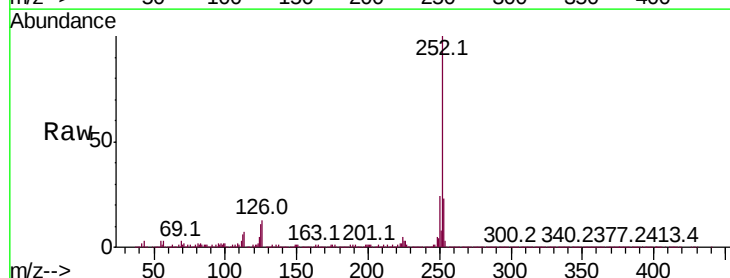
Tgt Ion:252 Resp: 2035139

Ion Ratio Lower Upper

252 100

253 23.4 18.4 27.6

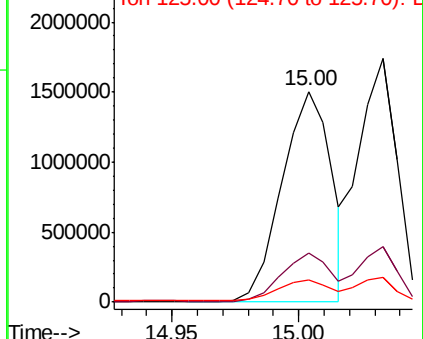
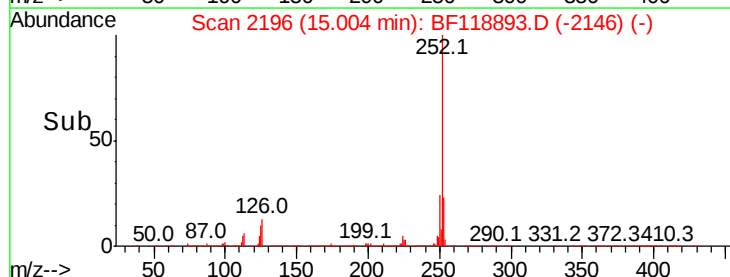
125 10.5 8.1 12.1

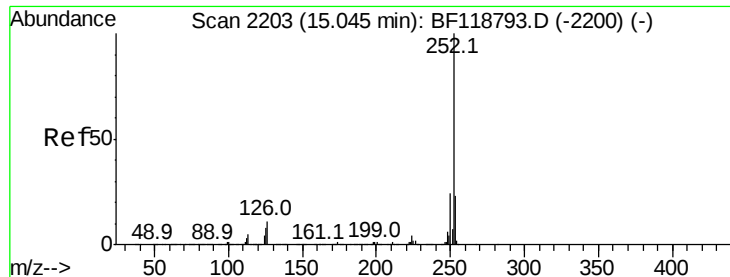


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 43.374 ng

RT: 15.03 min Scan# 2201

Delta R.T. -0.01 min

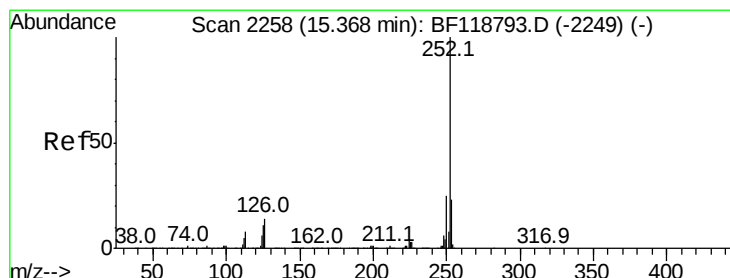
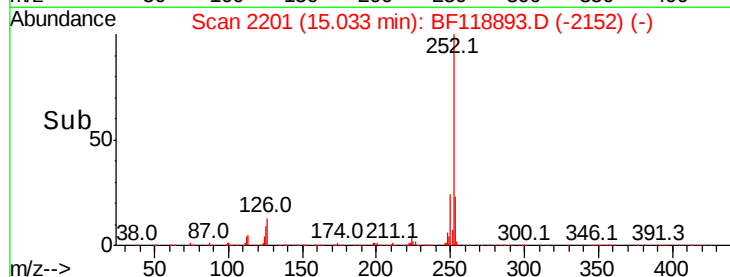
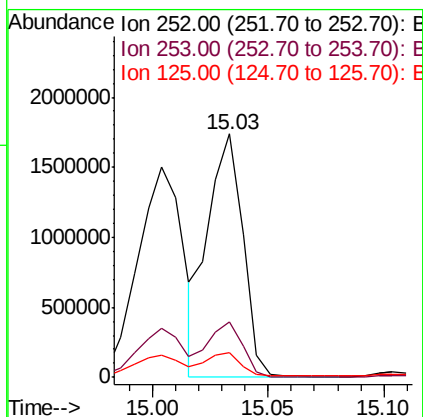
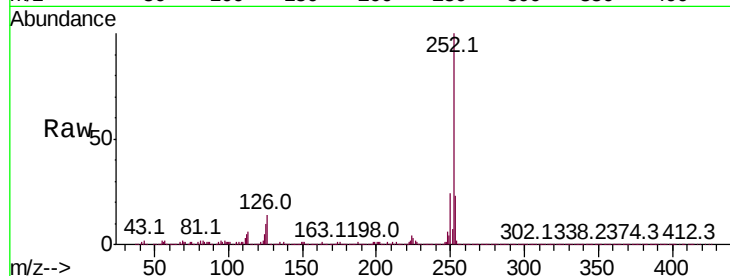
Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

Instrument :
BNA_F
ClientSampleId :
SP-3MS

Tot Ion:252 Resp: 1820308

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	10.0	7.0	10.6



#90

Benzo(a)pyrene

Concen: 44.774 ng

RT: 15.36 min Scan# 2257

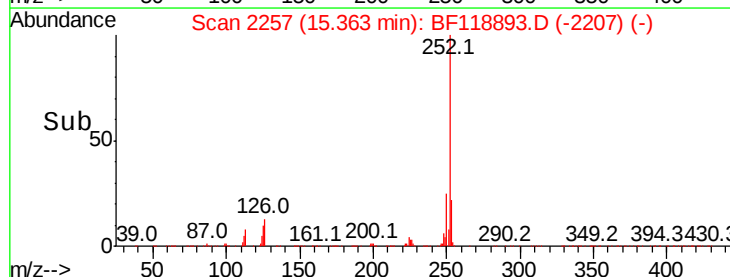
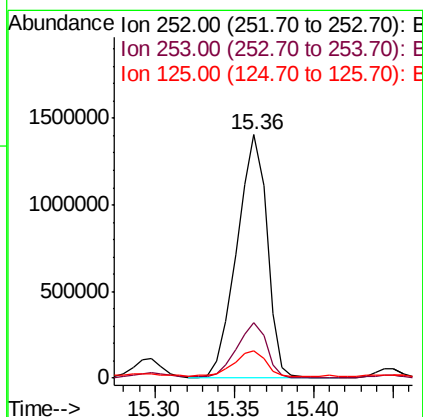
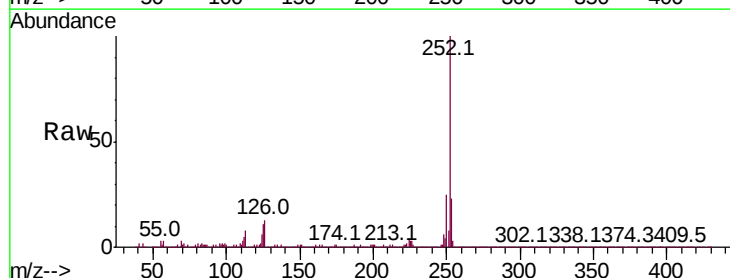
Delta R.T. -0.01 min

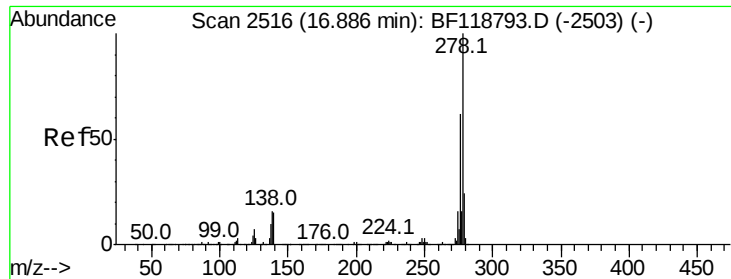
Lab File: BF118893.D

Acq: 11 Feb 2020 19:36

Tgt Ion:252 Resp: 1846729

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	11.1	8.7	13.1

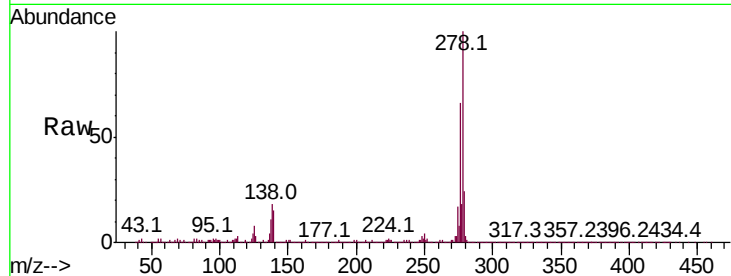




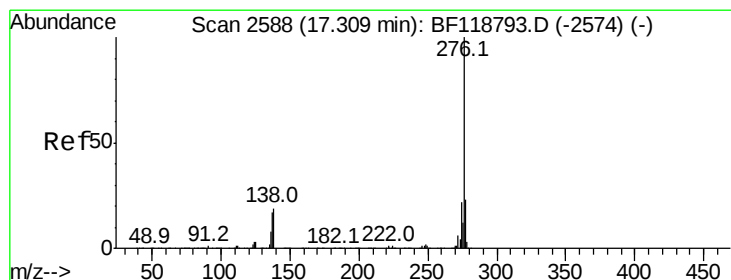
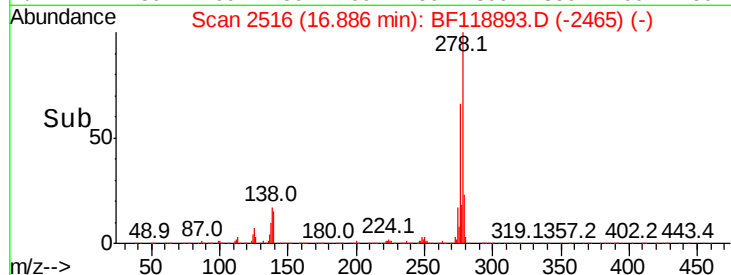
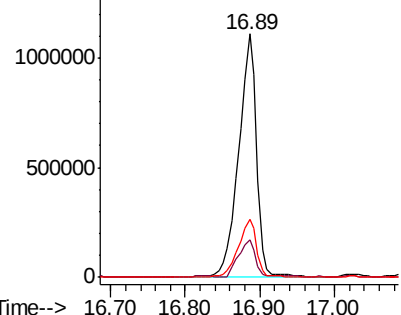
#91
Dibenzo(a,h)anthracene
Concen: 50.284 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.00 min
Lab File: BF118893.D
Acq: 11 Feb 2020 19:36

Instrument :
BNA_F
ClientSampleId :
SP-3MS

Tot Ion:278 Resp: 1841138
Ion Ratio Lower Upper
278 100
139 15.2 12.3 18.5
279 23.6 19.1 28.7

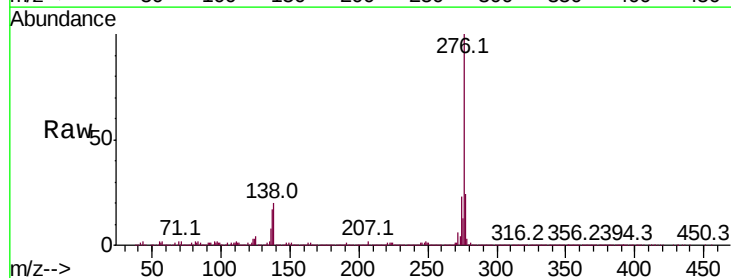


Abundance Ion 278.00 (277.70 to 278.70): E
1500000
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.286 ng
RT: 17.31 min Scan# 2588
Delta R.T. 0.00 min
Lab File: BF118893.D
Acq: 11 Feb 2020 19:36

Tgt Ion:276 Resp: 1453800
Ion Ratio Lower Upper
276 100
277 24.1 18.7 28.1
138 19.6 15.4 23.2



Abundance Ion 276.00 (275.70 to 276.70): E
800000
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

