

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021220\
 Data File : BF118909.D
 Acq On : 12 Feb 2020 10:52
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 13 00:00:06 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	6.81	152	275292	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1058102	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	606888	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1204352	20.00	ng	0.00
76) Chrysene-d12	13.97	240	815744	20.00	ng	0.00
87) Perylene-d12	15.42	264	794539	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1615395	111.08	ng	0.00
7) Phenol-d6	6.46	99	1531171	84.81	ng	0.00
23) Nitrobenzene-d5	7.38	82	1483745	83.58	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	637752	87.83	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2766094	81.48	ng	0.00
79) Terphenyl-d14	12.92	244	3501166	88.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	362621	54.712	ng	100
3) Pyridine	3.27	79	1047970	56.943	ng	98
4) n-Nitrosodimethylamine	3.22	42	396757	59.212	ng	98
6) Aniline	6.47	93	944797	40.634	ng	# 58
8) 2-Chlorophenol	6.60	128	703245	43.414	ng	98
9) Benzaldehyde	6.36	77	445249	44.437	ng	99
10) Phenol	6.47	94	816377	40.669	ng	75
11) bis(2-Chloroethyl)ether	6.55	93	667452	43.461	ng	97
12) 1,3-Dichlorobenzene	6.75	146	832203	43.161	ng	100
13) 1,4-Dichlorobenzene	6.83	146	838680	43.607	ng	99
14) 1,2-Dichlorobenzene	6.99	146	758796	41.301	ng	99
15) Benzyl Alcohol	6.96	79	606899	43.491	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	790069	42.009	ng	85
17) 2-Methylphenol	7.07	107	583458	43.324	ng	96
18) Hexachloroethane	7.32	117	304549	44.119	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	474238	42.933	ng	99
20) 3+4-Methylphenols	7.23	107	662201	39.228	ng	93
22) Acetophenone	7.22	105	944823	41.100	ng	# 98
24) Nitrobenzene	7.40	77	742152	41.849	ng	96
25) Isophorone	7.64	82	1349510	42.299	ng	98
26) 2-Nitrophenol	7.71	139	417014	44.129	ng	99
27) 2,4-Dimethylphenol	7.75	122	542830	42.287	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	882012	42.634	ng	99
29) 2,4-Dichlorophenol	7.96	162	645753	42.006	ng	100
30) 1,2,4-Trichlorobenzene	8.04	180	752338	41.869	ng	100
31) Naphthalene	8.12	128	2028767	41.923	ng	100
32) Benzoic acid	7.90	122	428491	40.317	ng	99
33) 4-Chloroaniline	8.16	127	917473	42.375	ng	99
34) Hexachlorobutadiene	8.23	225	476786	43.310	ng	98
35) Caprolactam	8.56	113	185537	37.230	ng	97
36) 4-Chloro-3-methylphenol	8.66	107	662165	42.801	ng	100
37) 2-Methylnaphthalene	8.80	142	1400224	41.719	ng	97
38) 1-Methylnaphthalene	8.90	142	1318217	41.751	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	758807	41.428	ng	100

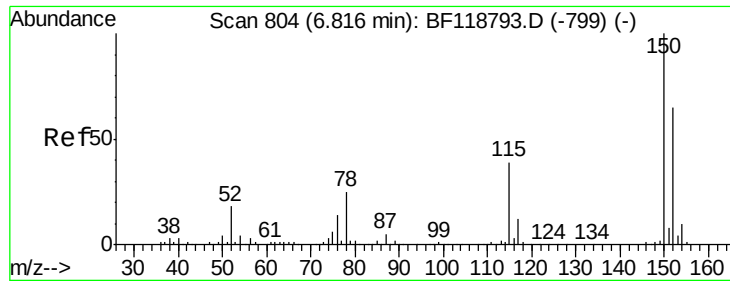
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021220\
 Data File : BF118909.D
 Acq On : 12 Feb 2020 10:52
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 13 00:00:06 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)
41) Hexachlorocyclopentadiene	8.96	237	267997	37.314	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	504378	41.180	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	520952	41.626	ng	95
46) 1,1'-Biphenyl	9.27	154	1746319	41.598	ng	98
47) 2-Chloronaphthalene	9.30	162	1451289	41.584	ng	100
48) 2-Nitroaniline	9.39	65	441437	43.854	ng	92
49) Acenaphthylene	9.71	152	2098012	41.634	ng	100
50) Dimethylphthalate	9.57	163	1836391	44.440	ng	99
51) 2,6-Dinitrotoluene	9.64	165	404250	42.754	ng	93
52) Acenaphthene	9.89	154	1266673	38.146	ng	100
53) 3-Nitroaniline	9.81	138	455210	43.411	ng	98
54) 2,4-Dinitrophenol	9.92	184	200397	44.087	ng	98
55) Dibenzofuran	10.06	168	1891348	39.413	ng	99
56) 4-Nitrophenol	9.97	139	281371	37.075	ng	97
57) 2,4-Dinitrotoluene	10.05	165	526637	42.088	ng	# 84
58) Fluorene	10.40	166	1507142	41.746	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	442501	40.487	ng	98
60) Diethylphthalate	10.27	149	1720977	42.829	ng	100
61) 4-Chlorophenyl-phenylether	10.39	204	796359	40.674	ng	96
62) 4-Nitroaniline	10.43	138	487784	46.451	ng	97
63) Azobenzene	10.55	77	1533034	44.688	ng	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	301398	44.537	ng	99
66) n-Nitrosodiphenylamine	10.51	169	1423242	40.798	ng	98
67) 4-Bromophenyl-phenylether	10.87	248	592381	41.579	ng	95
68) Hexachlorobenzene	10.95	284	666899	40.811	ng	99
69) Atrazine	11.03	200	456745	39.299	ng	100
70) Pentachlorophenol	11.14	266	299568	34.719	ng	99
71) Phenanthrene	11.36	178	2325655	39.248	ng	99
72) Anthracene	11.41	178	2360141	40.037	ng	100
73) Carbazole	11.56	167	2168527	41.917	ng	99
74) Di-n-butylphthalate	11.89	149	2753699	41.784	ng	99
75) Fluoranthene	12.54	202	2555553	39.500	ng	99
77) Benzidine	12.66	184	1133523	45.942	ng	99
78) Pyrene	12.77	202	2537841	45.349	ng	100
80) Butylbenzylphthalate	13.39	149	1212614	47.474	ng	99
81) Benzo(a)anthracene	13.96	228	2132456	43.930	ng	100
82) 3,3'-Dichlorobenzidine	13.92	252	881645	44.408	ng	98
83) Chrysene	14.00	228	2058635	42.255	ng	100
84) Bis(2-ethylhexyl)phthalate	13.95	149	1600095	49.376	ng	99
85) Di-n-octyl phthalate	14.56	149	2491669	44.881	ng	99
86) Indeno(1,2,3-cd)pyrene	16.88	276	1944243	39.720	ng	100
88) Benzo(b)fluoranthene	15.00	252	2212925	44.884	ng	100
89) Benzo(k)fluoranthene	15.03	252	1738213	40.487	ng	99
90) Benzo(a)pyrene	15.36	252	1795645	42.557	ng	99
91) Dibenzo(a,h)anthracene	16.89	278	1586306	42.350	ng	99
92) Benzo(g,h,i)perylene	17.31	276	1555673	43.186	ng	99

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

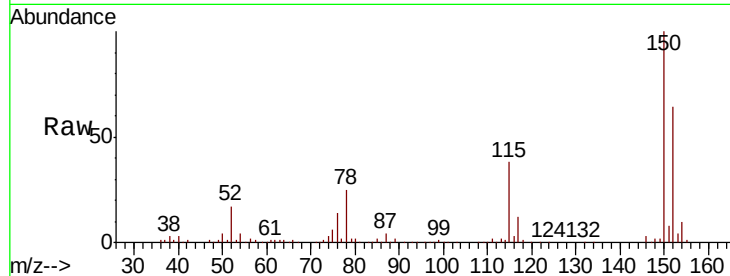


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	123.6	185.4
115	60.0	48.2	72.2

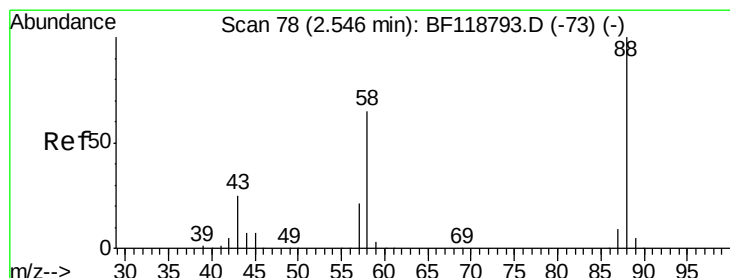
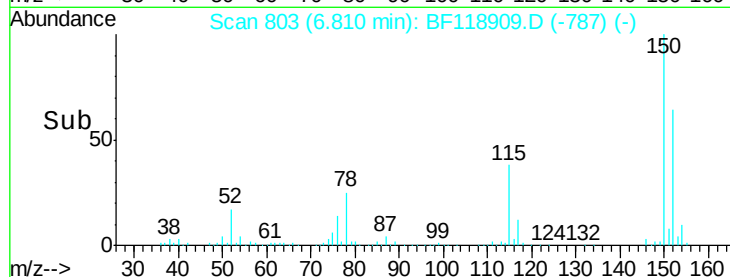
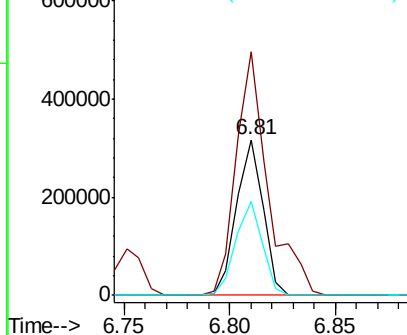


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

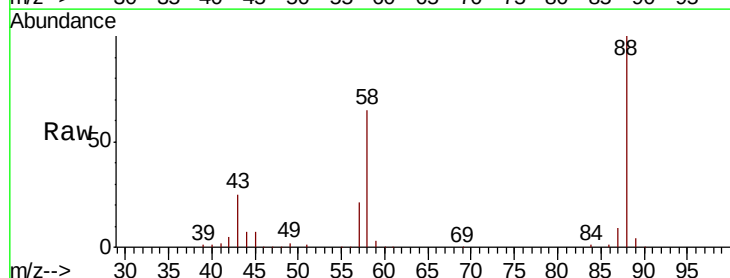
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 54.712 ng
RT: 2.52 min Scan# 74
Delta R.T. -0.02 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.5	51.6	77.4
43	24.9	19.8	29.6

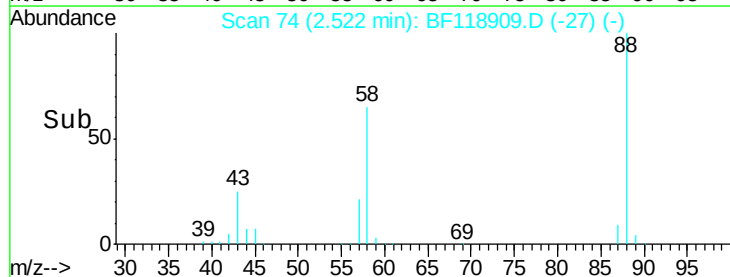
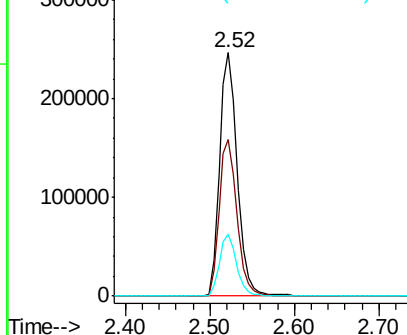


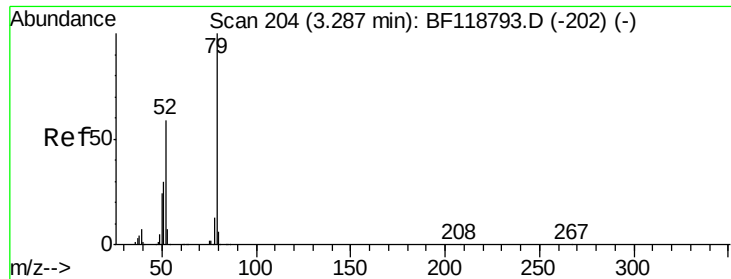
Abundance

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: 56.943 ng

RT: 3.27 min Scan# 201

Delta R.T. -0.02 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

Instrument :

BNA_F

ClientSampled :

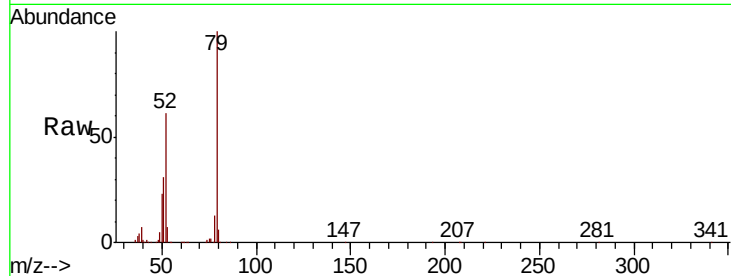
Tot Ion: 79 Resp: 1047970

Ion Ratio Lower Upper

79 100

52 61.4 47.4 71.0

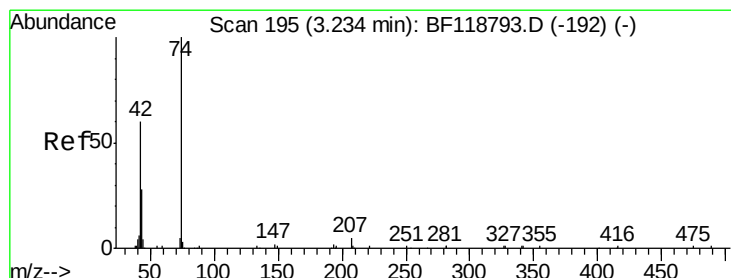
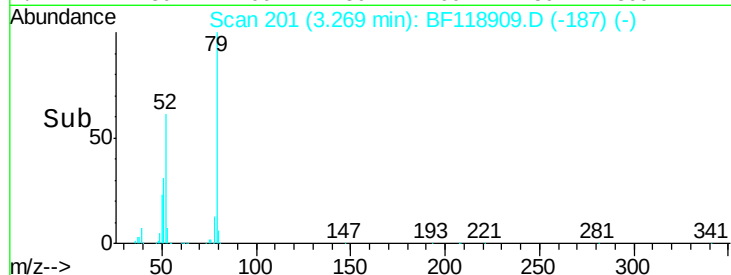
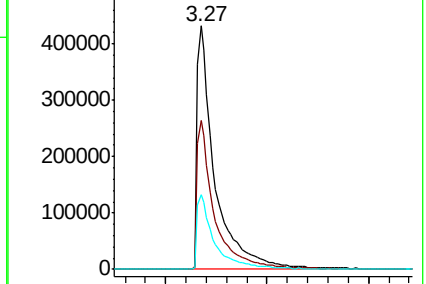
51 30.7 24.2 36.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 59.212 ng

RT: 3.22 min Scan# 193

Delta R.T. -0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

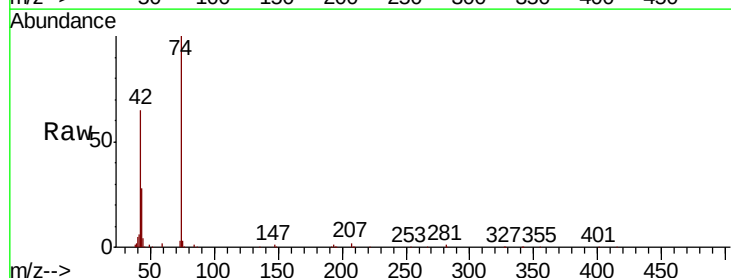
Tgt Ion: 42 Resp: 396757

Ion Ratio Lower Upper

42 100

74 153.4 124.3 186.5

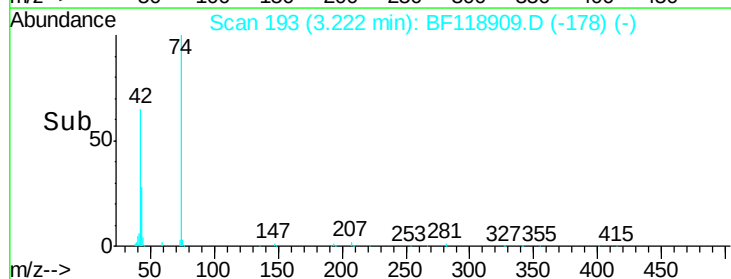
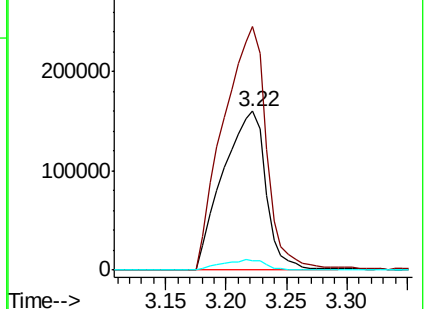
44 6.0 5.3 7.9

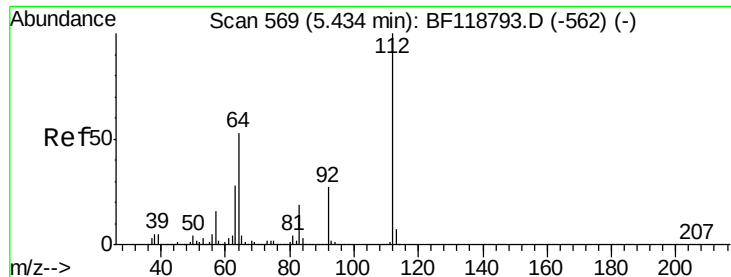


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 111.076 ng

RT: 5.43 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

Instrument :

BNA_F

ClientSampleId :

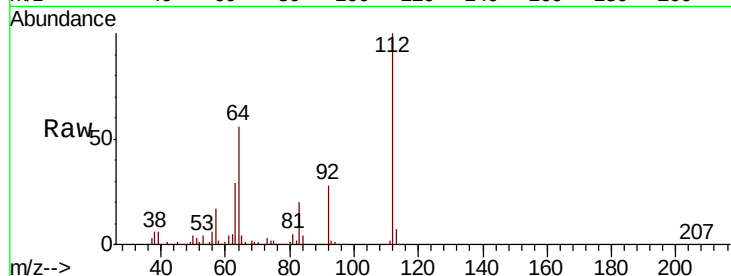
Tot Ion:112 Resp: 1615395

Ion Ratio Lower Upper

112 100

64 55.9 42.6 63.8

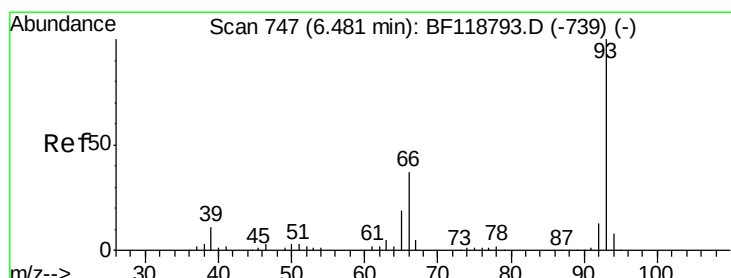
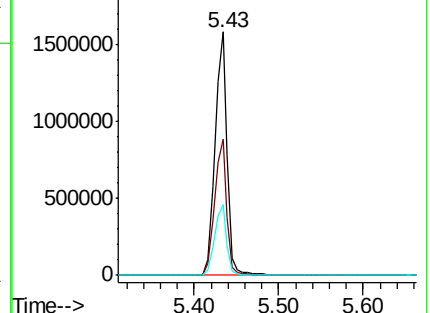
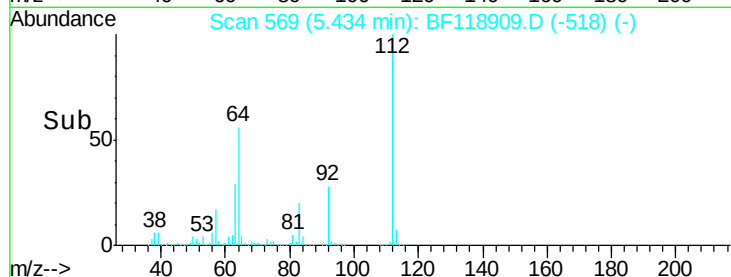
63 29.3 22.2 33.4



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: 40.634 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

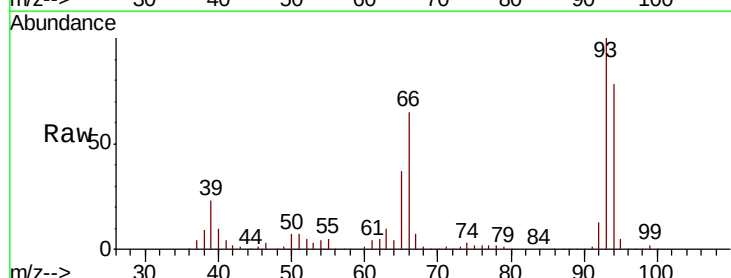
Tgt Ion: 93 Resp: 944797

Ion Ratio Lower Upper

93 100

66 64.7 30.8 46.2#

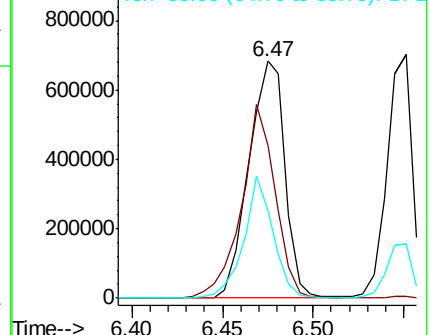
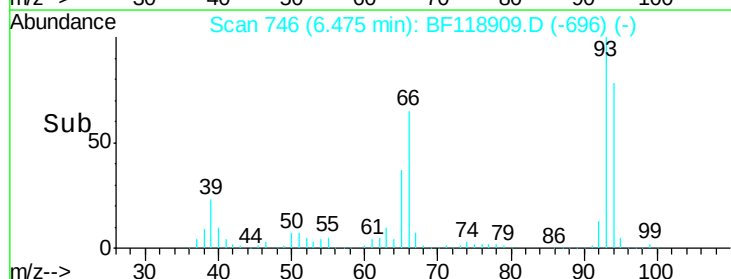
65 37.1 15.4 23.0#

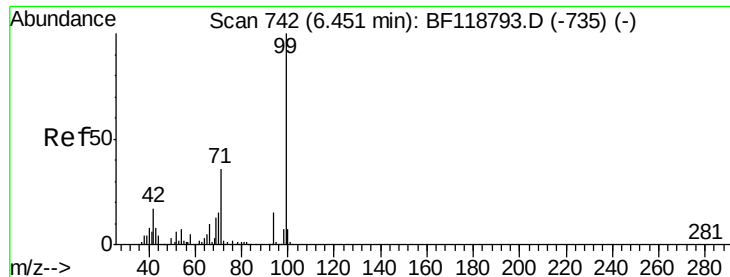


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.814 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

Instrument :

BNA_F

ClientSampleId :

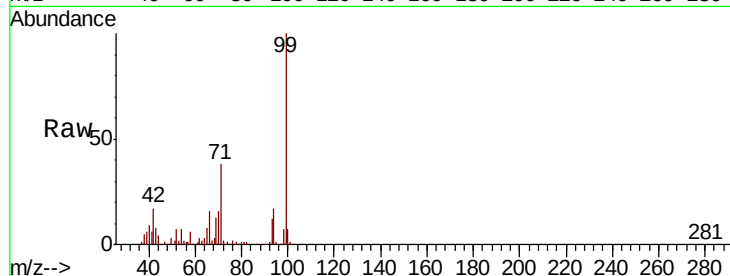
Tot Ion: 99 Resp: 1531171

Ion Ratio Lower Upper

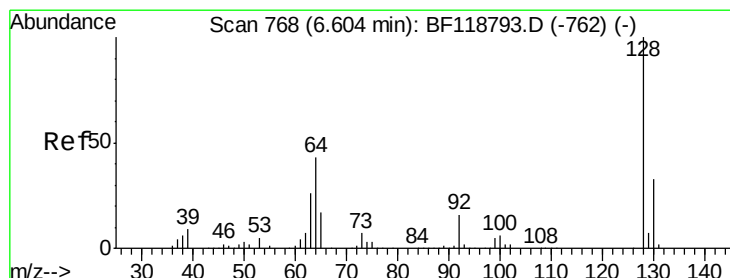
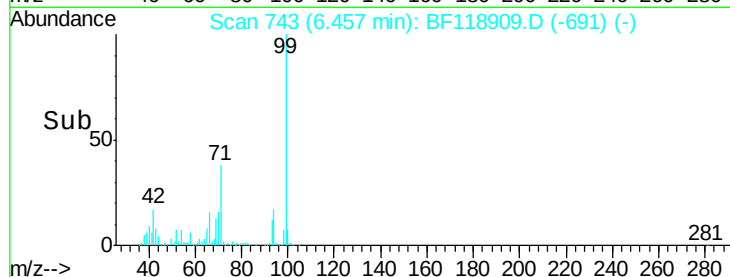
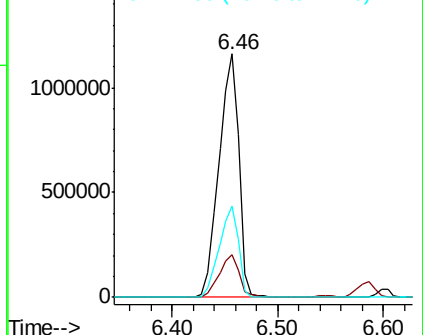
99 100

42 17.3 13.4 20.0

71 37.7 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: 43.414 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

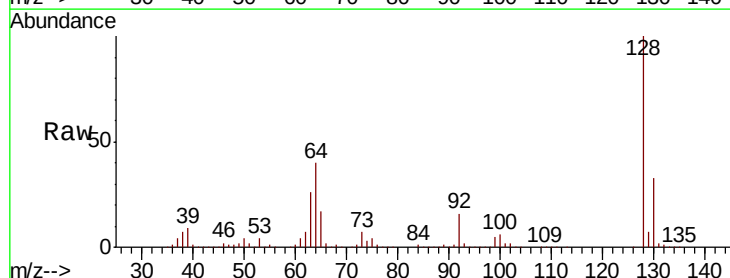
Tgt Ion: 128 Resp: 703245

Ion Ratio Lower Upper

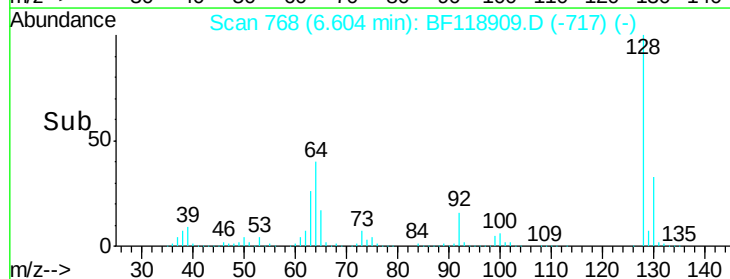
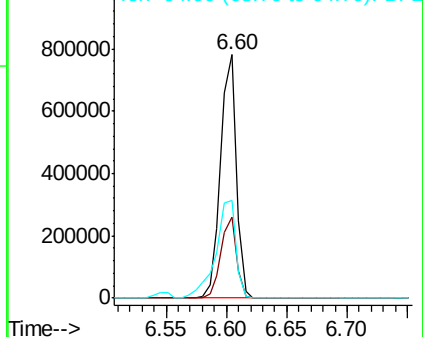
128 100

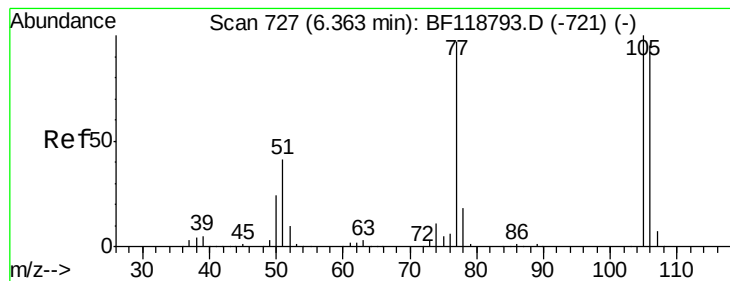
130 33.1 13.1 53.1

64 40.3 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: 44.437 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

Instrument :

BNA_F

ClientSampleId :

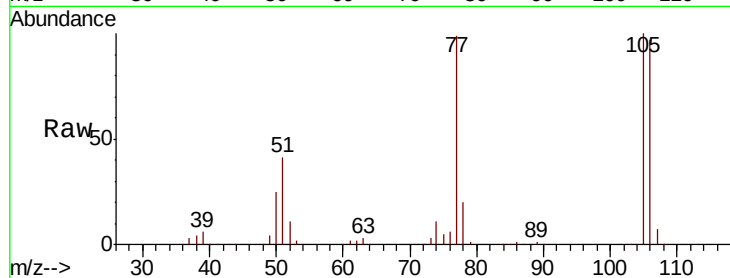
Tot Ion: 77 Resp: 445249

Ion Ratio Lower Upper

77 100

105 101.2 82.8 122.8

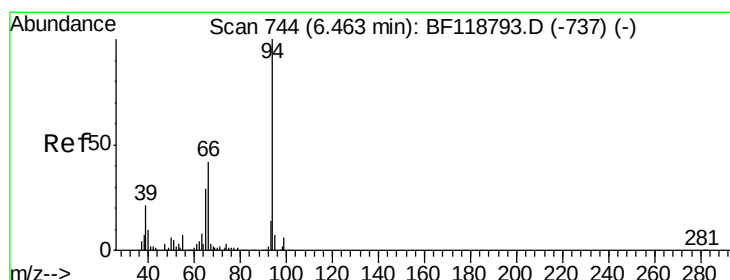
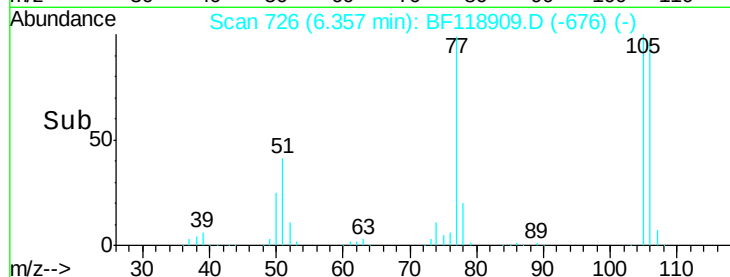
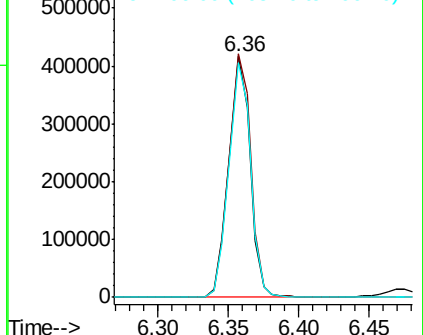
106 97.6 78.1 118.1



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.669 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

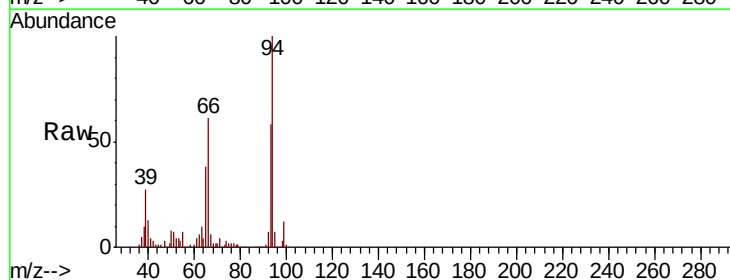
Tgt Ion: 94 Resp: 816377

Ion Ratio Lower Upper

94 100

65 38.1 9.1 49.1

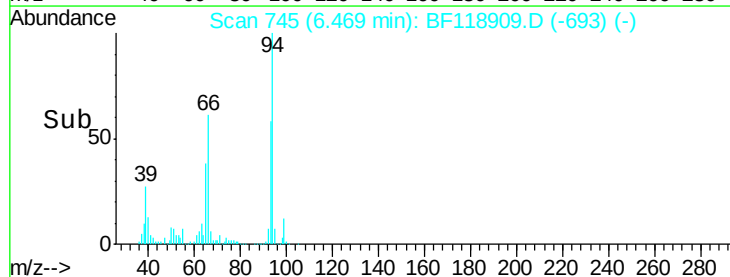
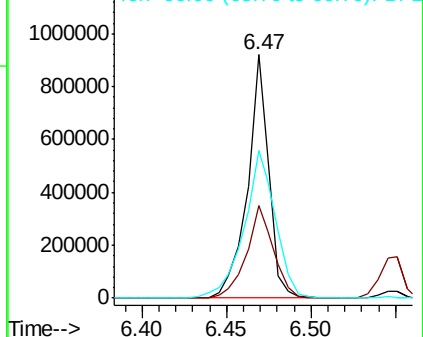
66 60.7 21.7 61.7

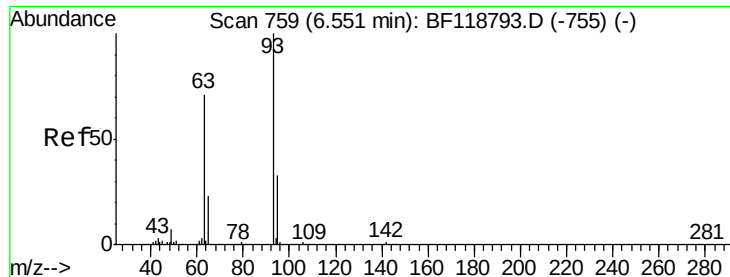


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

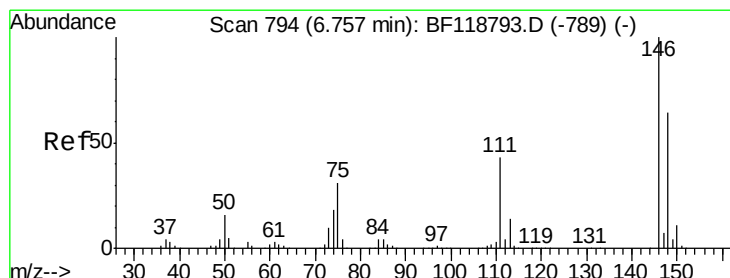
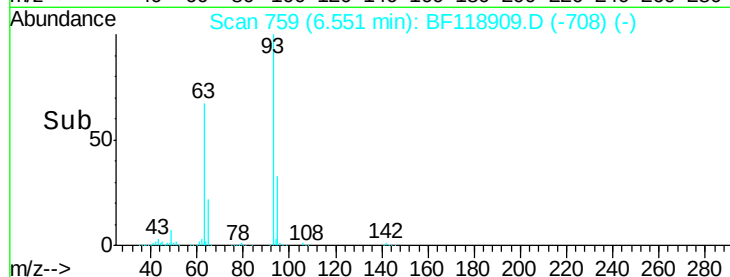
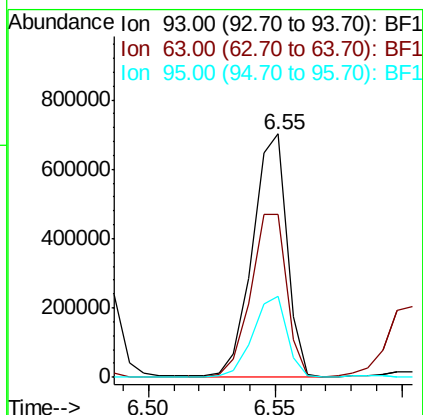
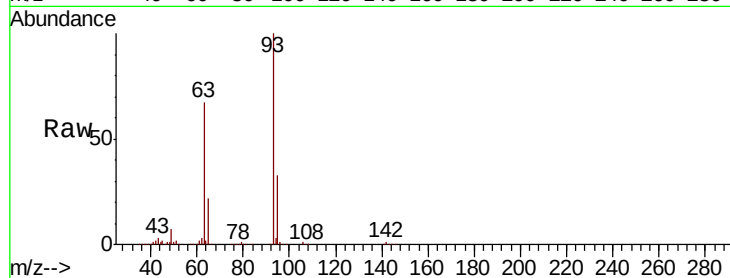




#11
bis(2-Chloroethyl)ether
Concen: 43.461 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

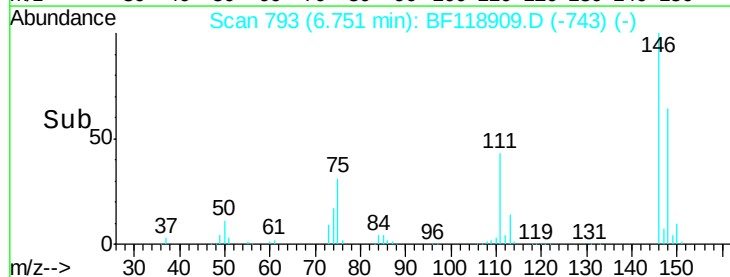
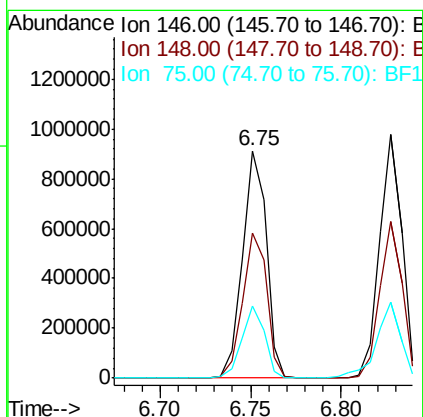
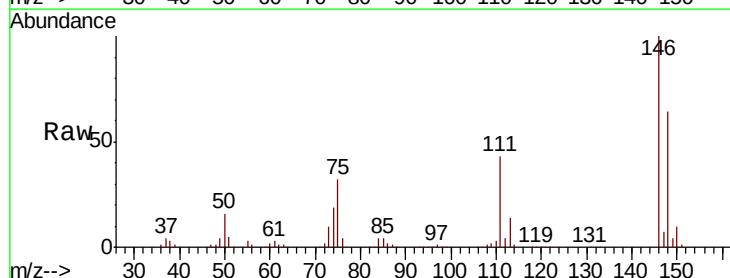
Instrument :
BNA_F
ClientSampleId :

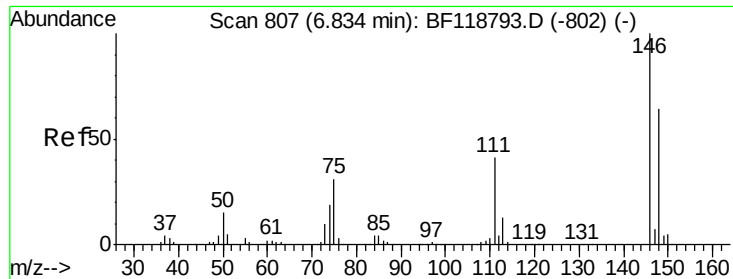
Tot Ion	Ratio	Lower	Upper
93	100		
63	67.2	50.7	90.7
95	33.2	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 43.161 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
75	31.6	25.0	37.4

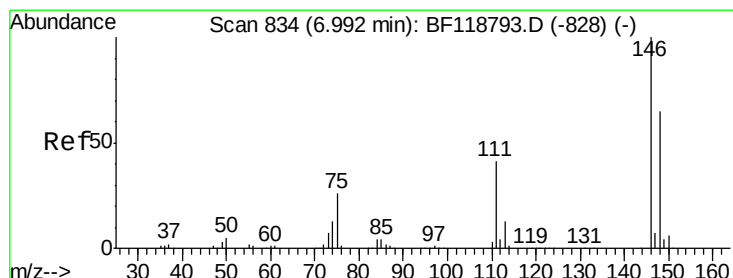
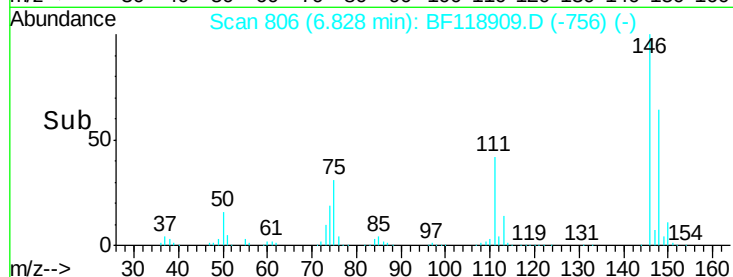
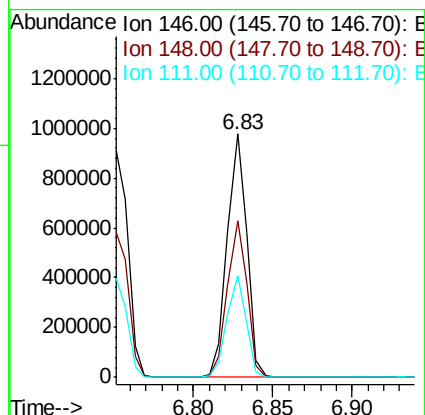
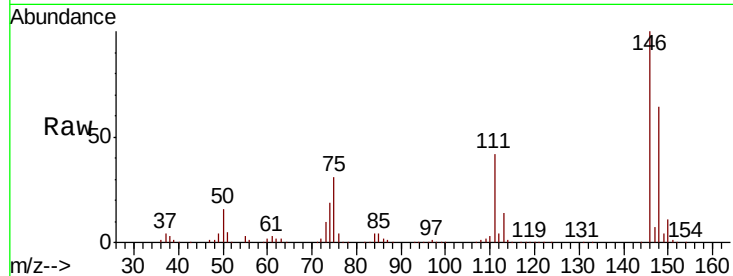




#13
 1,4-Dichlorobenzene
 Concen: 43.607 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF118909.D
 Acq: 12 Feb 2020 10:52

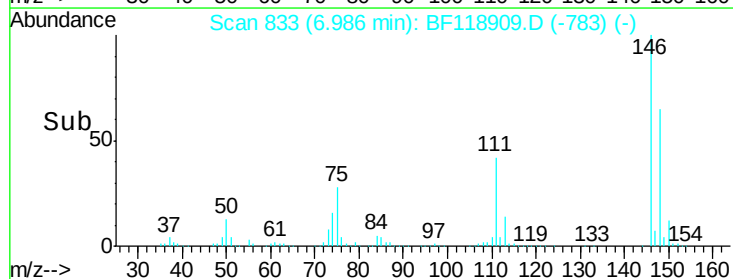
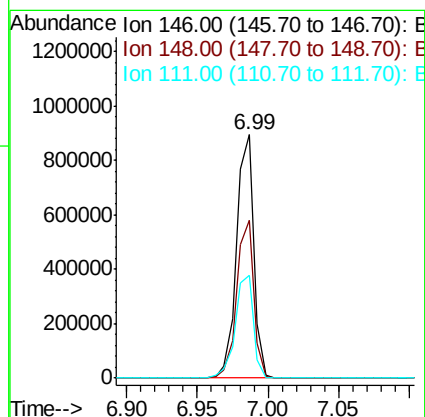
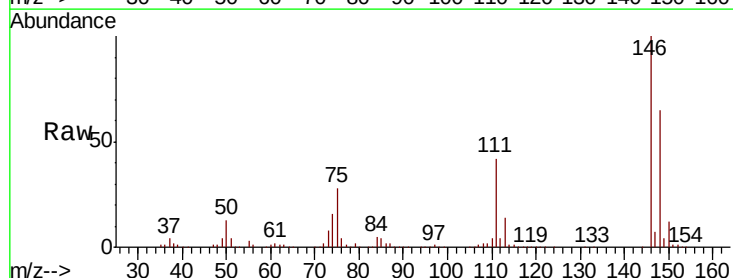
Instrument :
 BNA_F
 ClientSampled :

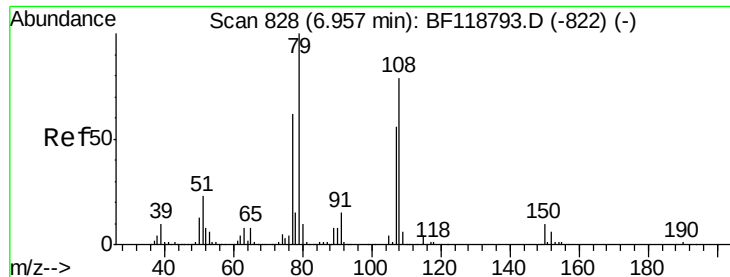
Tot Ion:146 Resp: 838680
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.6 77.4
 111 41.7 32.9 49.3



#14
 1,2-Dichlorobenzene
 Concen: 41.301 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF118909.D
 Acq: 12 Feb 2020 10:52

Tgt Ion:146 Resp: 758796
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.6 77.4
 111 42.3 32.7 49.1





#15

Benzyl Alcohol

Concen: 43.491 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

Instrument :

BNA_F

ClientSampleId :

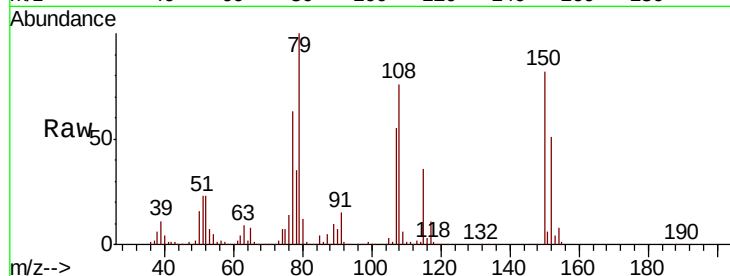
Tot Ion: 79 Resp: 606899

Ion Ratio Lower Upper

79 100

108 75.9 62.9 94.3

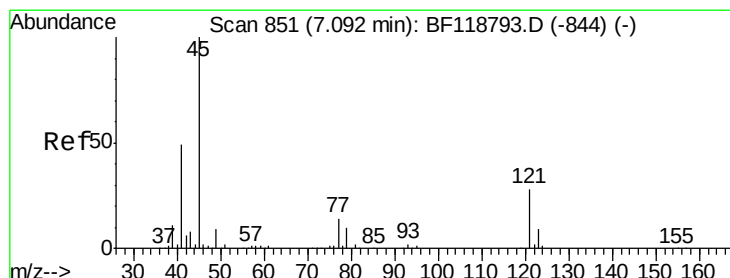
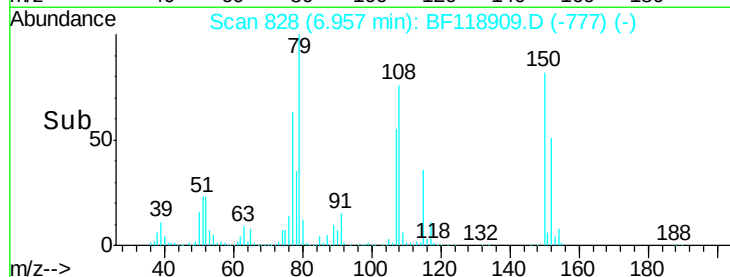
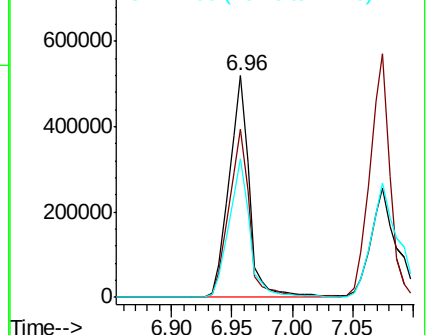
77 62.6 50.0 75.0



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: 42.009 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

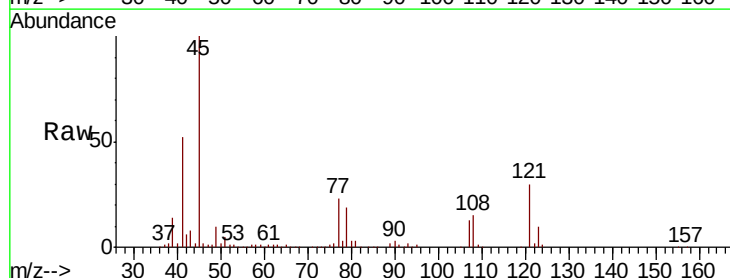
Tgt Ion: 45 Resp: 790069

Ion Ratio Lower Upper

45 100

77 23.4 0.0 37.1

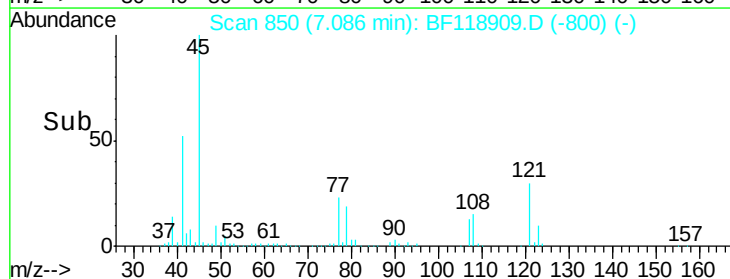
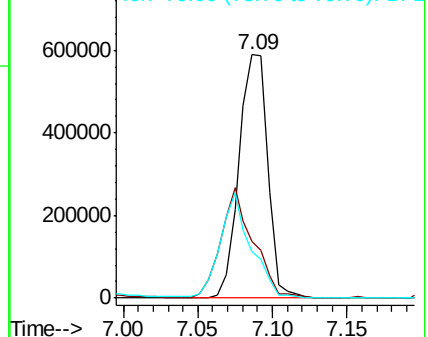
79 19.3 0.0 33.1

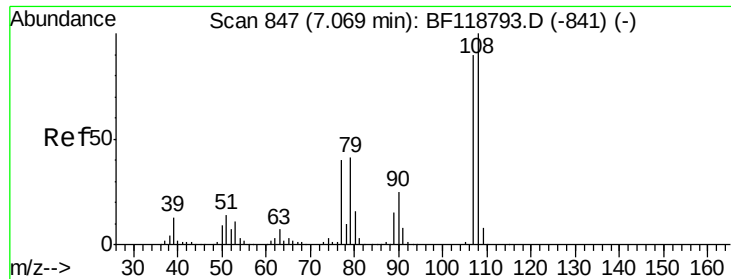


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

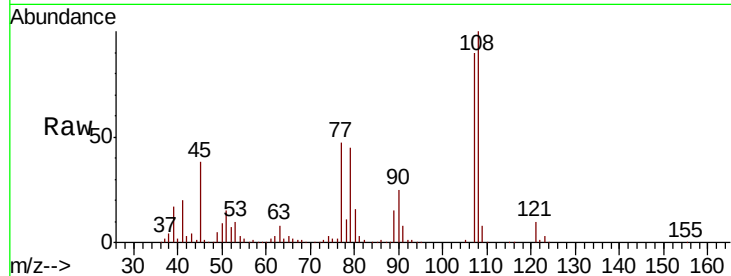




#17
2-Methylphenol
Concen: 43.324 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.5	89.3	133.9
77	52.1	36.2	54.2
79	50.2	36.3	54.5



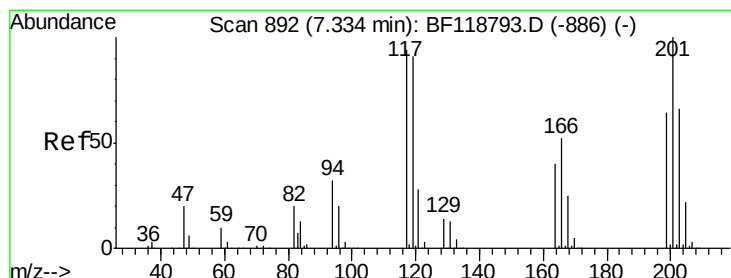
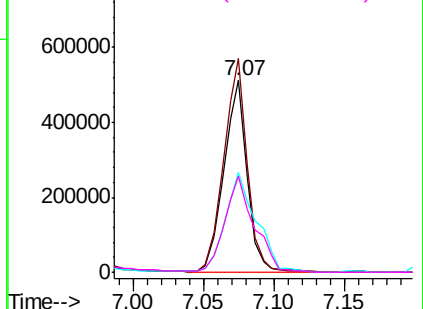
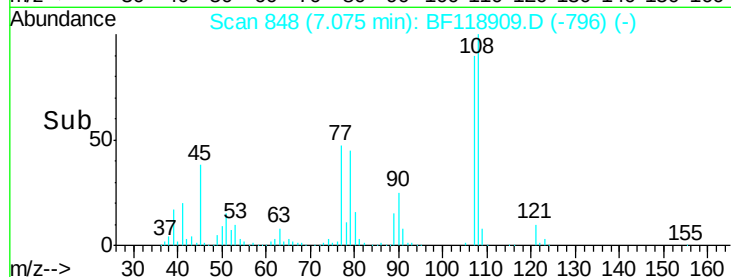
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

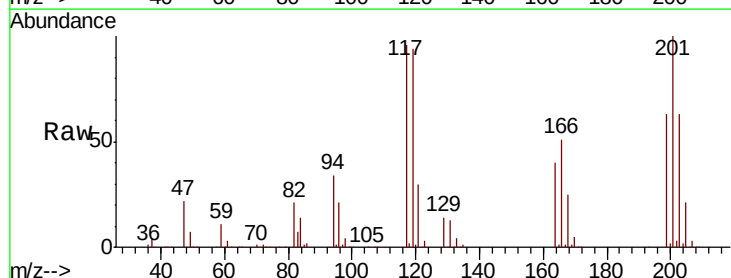
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 44.119 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	77.4	116.0
201	104.2	85.1	127.7

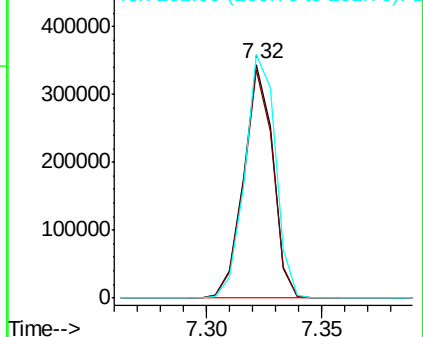
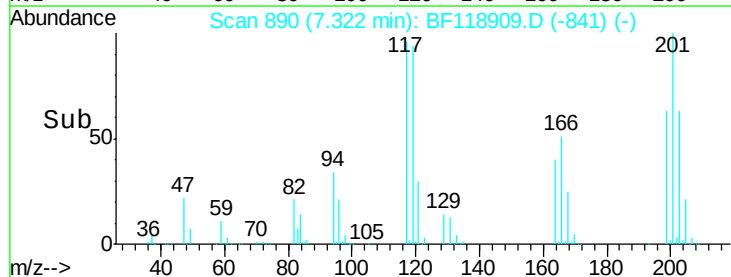


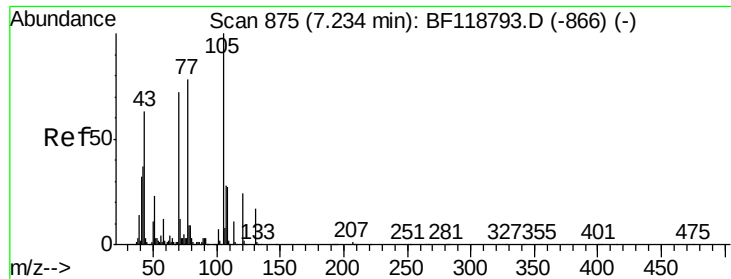
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

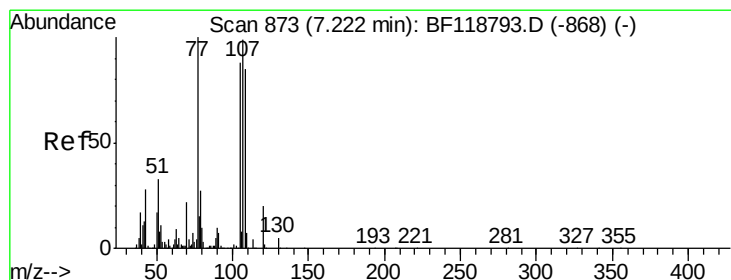
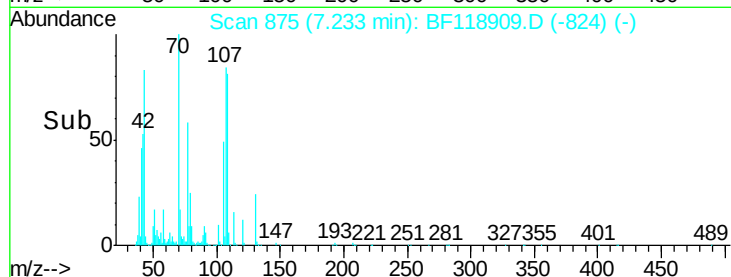
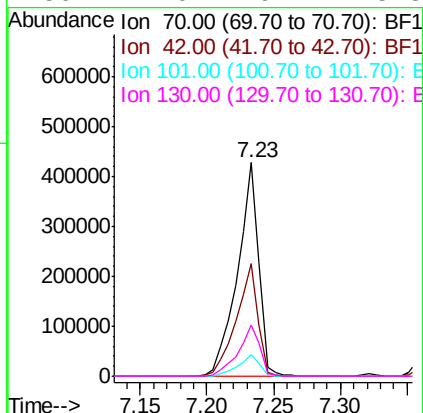
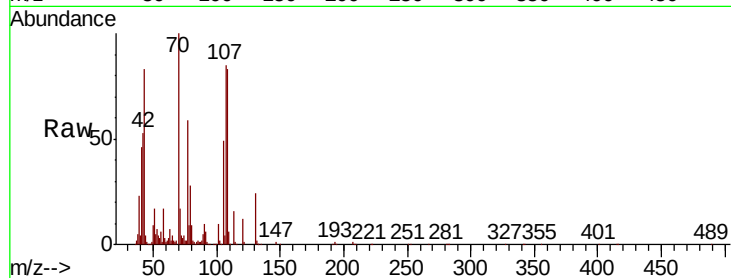




#19
n-Nitroso-di-n-propylamine
Concen: 42.933 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

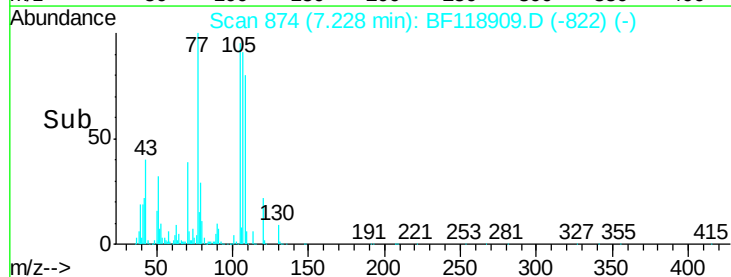
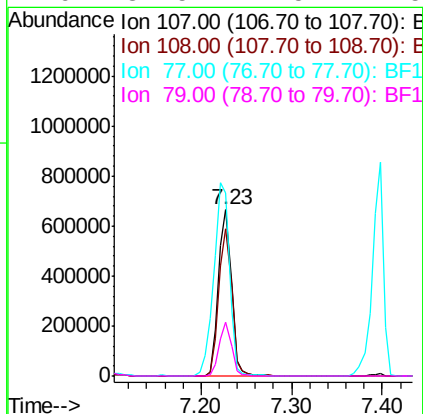
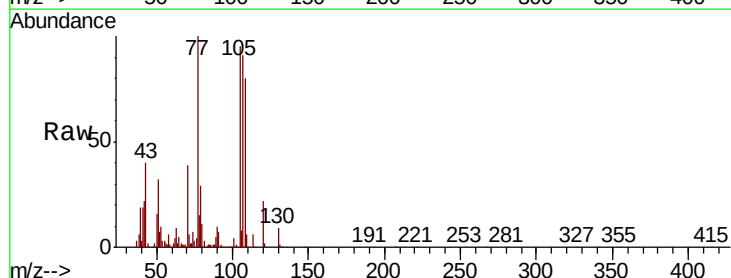
Instrument :
BNA_F
ClientSampleId :

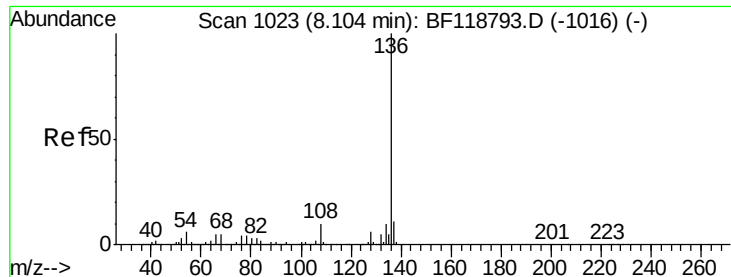
Tot Ion	Ratio	Lower	Upper
70	100		
42	52.6	41.5	62.3
101	10.4	8.3	12.5
130	24.0	19.2	28.8



#20
3+4-Methylphenols
Concen: 39.228 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	65.9	105.9
77	110.5	80.9	120.9
79	32.5	7.5	47.5

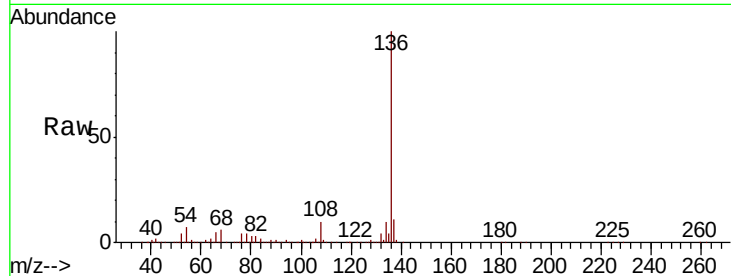




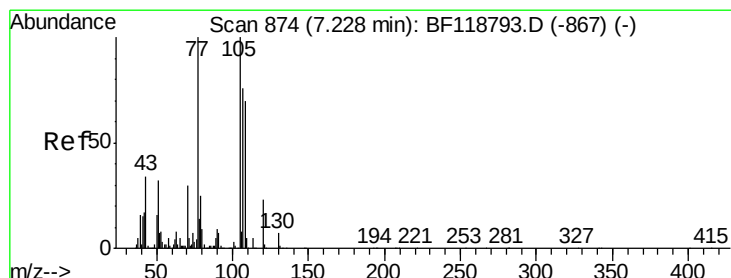
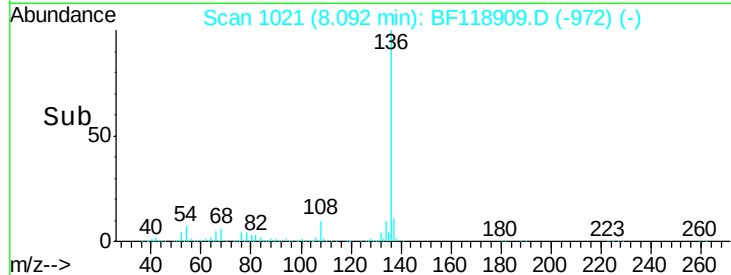
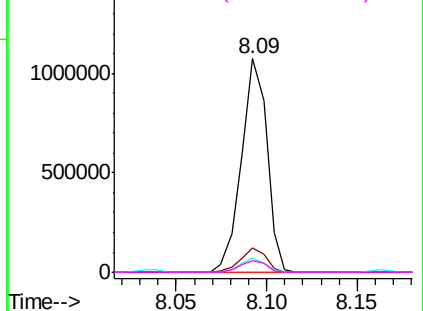
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1058102
Ion Ratio	Lower Upper
136 100	
137 11.2	8.7 13.1
54 6.6	5.0 7.6
68 5.5	4.2 6.4

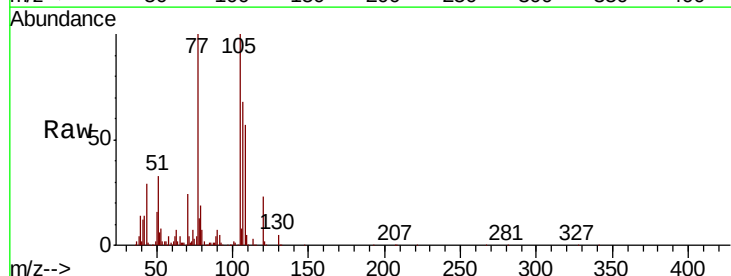


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

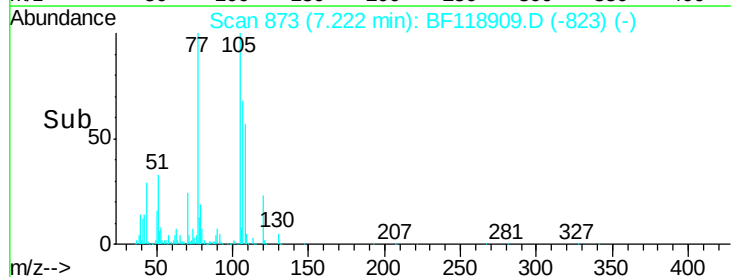
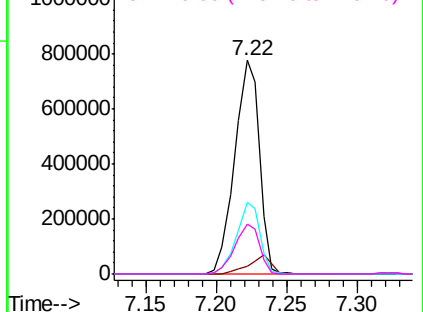


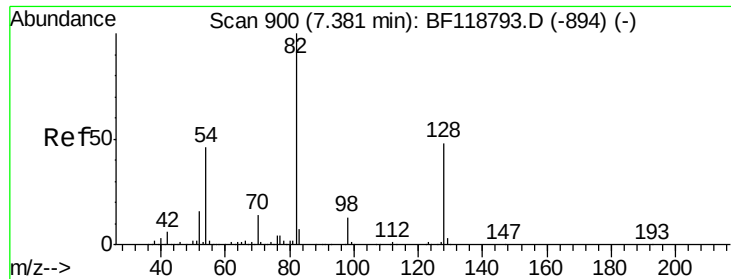
#22
Acetophenone
Concen: 41.100 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Tgt	Ion:105	Resp:	944823
Ion	Ratio	Lower	Upper
105	100		
71	3.9	4.2	6.4#
51	33.3	25.5	38.3
120	23.3	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

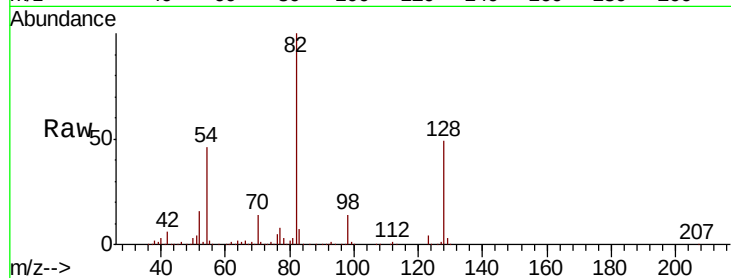




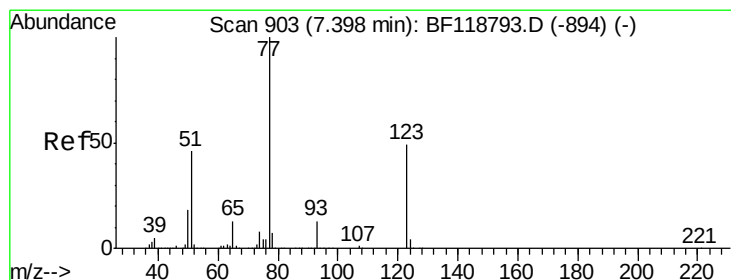
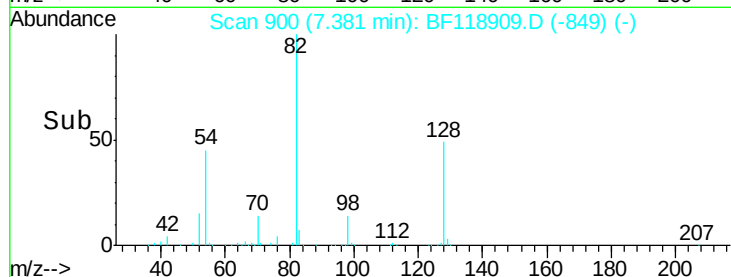
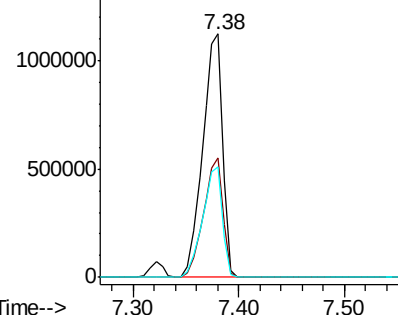
#23
 Nitrobenzene-d5
 Concen: 83.582 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF118909.D
 Acq: 12 Feb 2020 10:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1483745
 Ion Ratio Lower Upper
 82 100
 128 49.3 38.5 57.7
 54 45.6 36.7 55.1

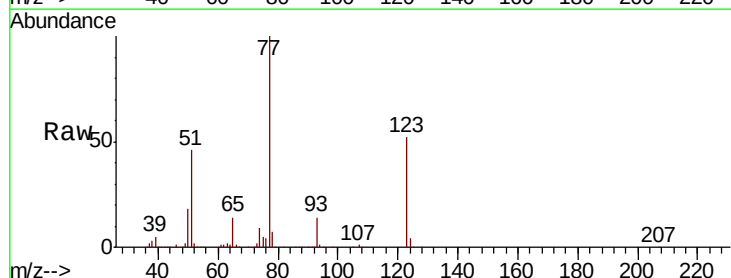


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

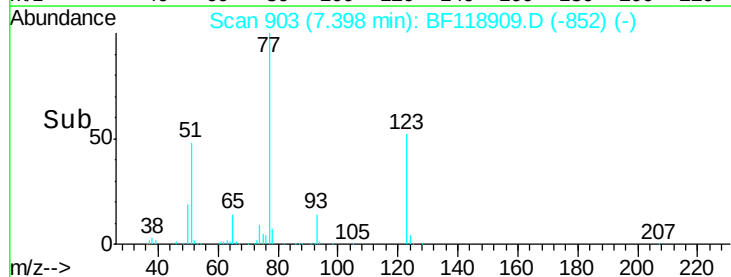
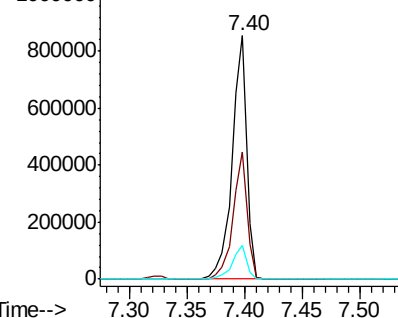


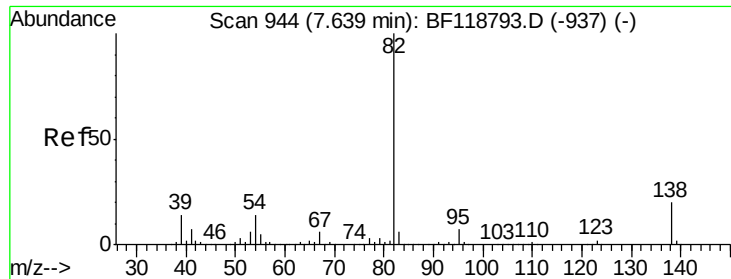
#24
 Nitrobenzene
 Concen: 41.849 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BF118909.D
 Acq: 12 Feb 2020 10:52

Tgt Ion: 77 Resp: 742152
 Ion Ratio Lower Upper
 77 100
 123 52.3 39.0 58.4
 65 13.6 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

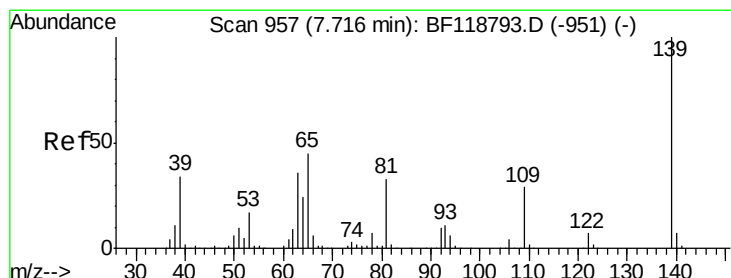
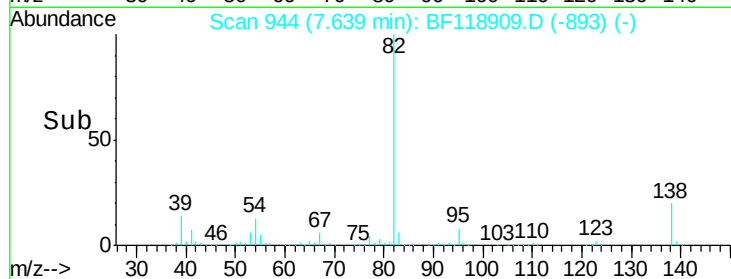
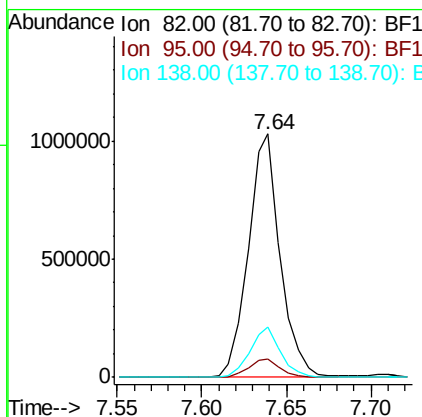
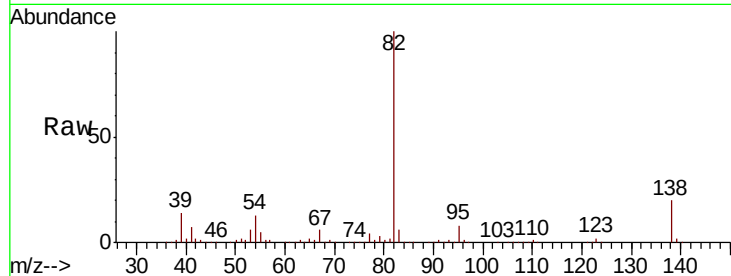




#25
Isophorone
Concen: 42.299 ng
RT: 7.64 min Scan# 944
Delta R.T. -0.00 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

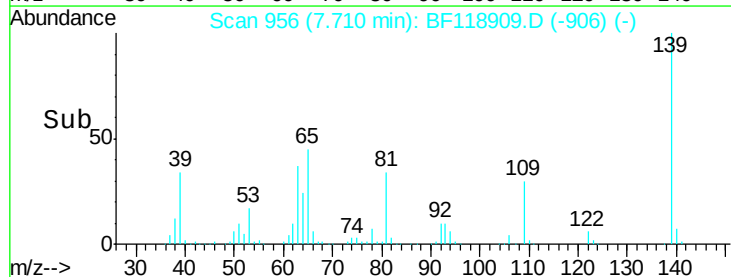
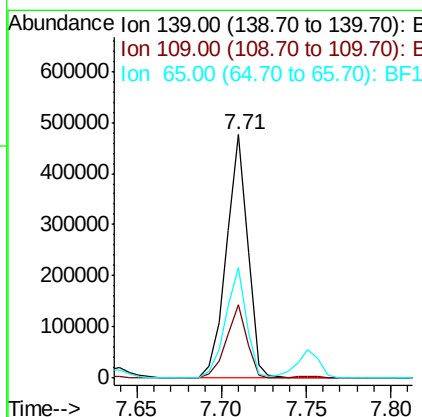
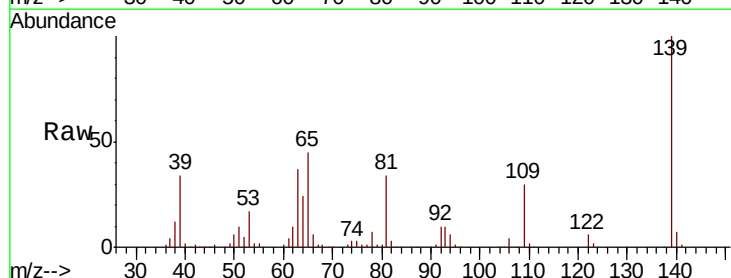
Instrument :
BNA_F
ClientSampled :

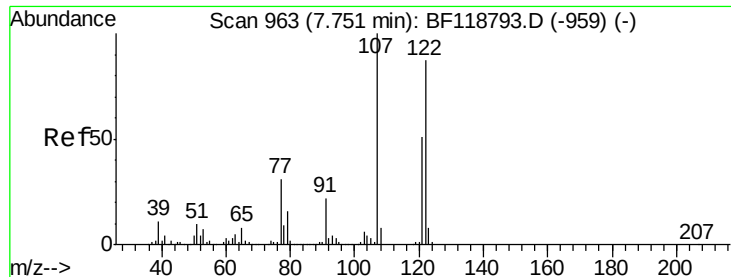
Tot Ion: 82 Resp: 1349510
Ion Ratio Lower Upper
82 100
95 7.7 6.0 9.0
138 20.5 15.7 23.5



#26
2-Nitrophenol
Concen: 44.129 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Tgt Ion: 139 Resp: 417014
Ion Ratio Lower Upper
139 100
109 30.2 23.4 35.0
65 45.4 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 42.287 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

Instrument :

BNA_F

ClientSampled :

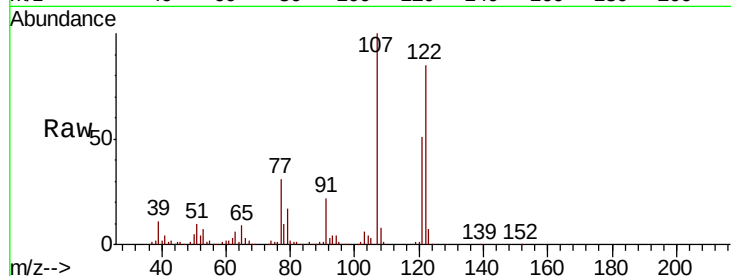
Tot Ion:122 Resp: 542830

Ion Ratio Lower Upper

122 100

107 117.9 92.2 138.2

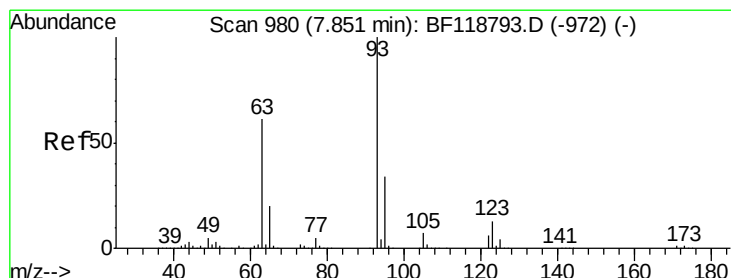
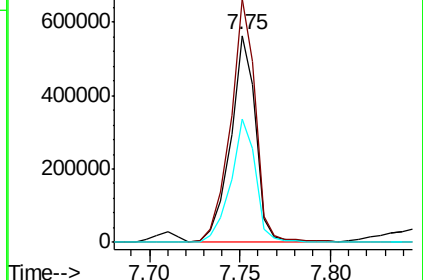
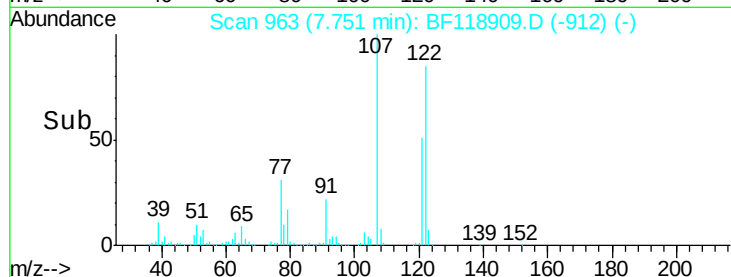
121 59.7 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.634 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

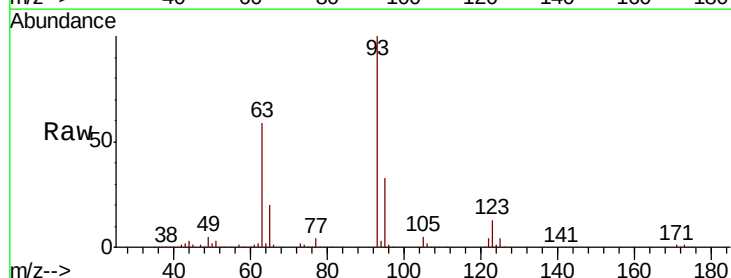
Tgt Ion: 93 Resp: 882012

Ion Ratio Lower Upper

93 100

95 33.2 27.0 40.4

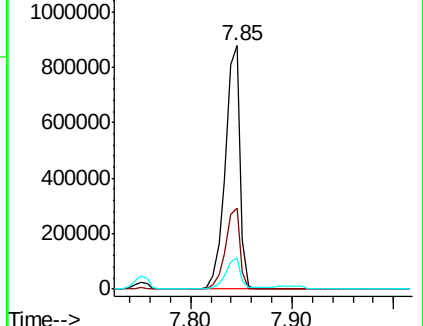
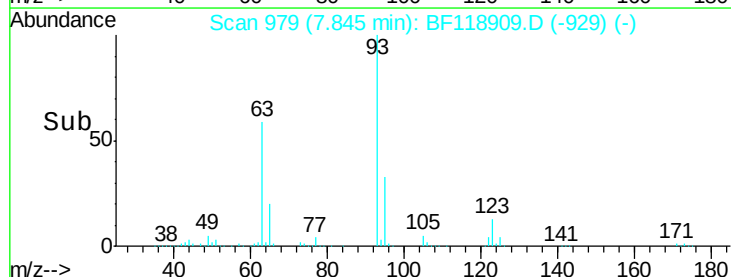
123 12.8 10.6 15.8

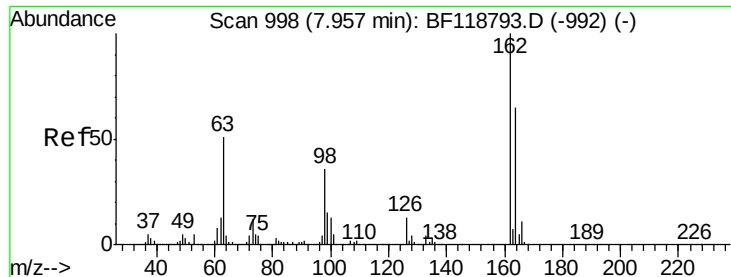


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

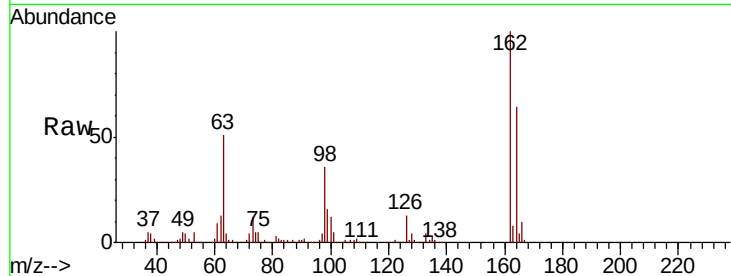




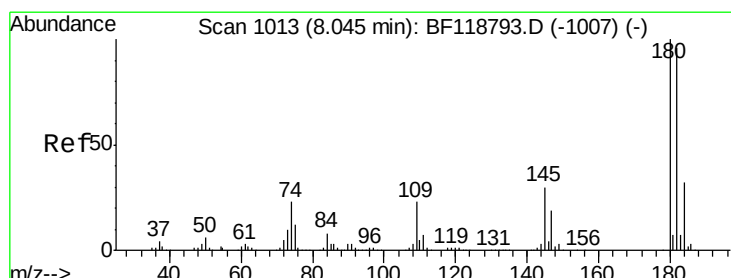
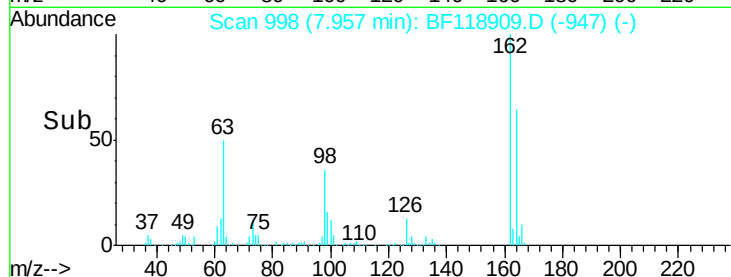
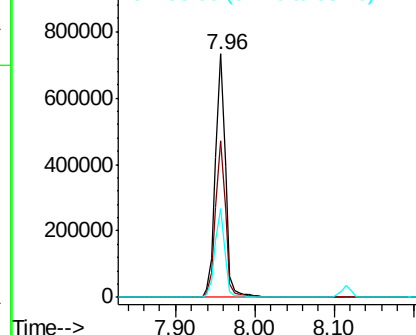
#29
 2,4-Dichlorophenol
 Concen: 42.006 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.00 min
 Lab File: BF118909.D
 Acq: 12 Feb 2020 10:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.8	84.8
98	36.4	16.4	56.4

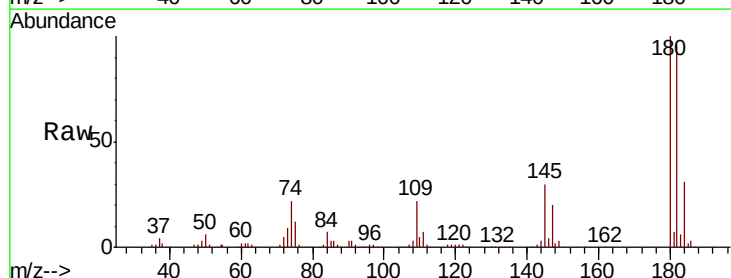


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

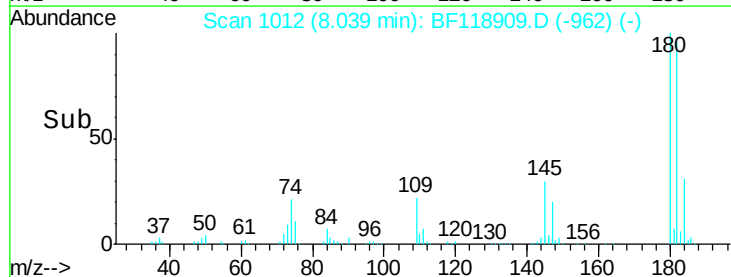
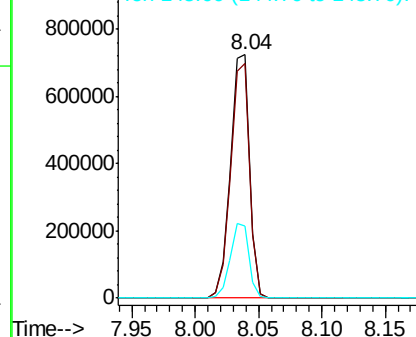


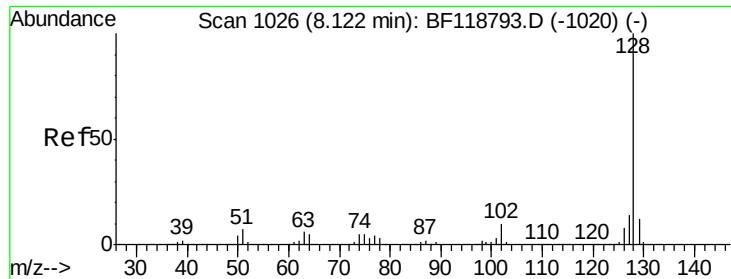
#30
 1,2,4-Trichlorobenzene
 Concen: 41.869 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BF118909.D
 Acq: 12 Feb 2020 10:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.6	115.0
145	29.7	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

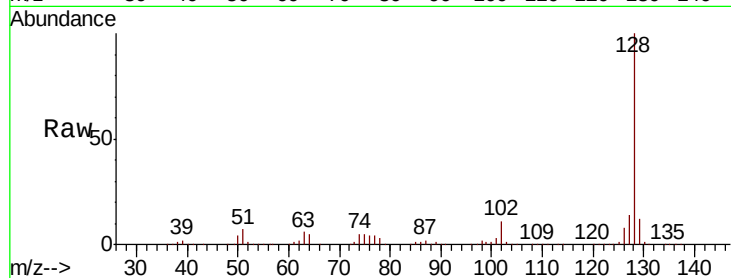




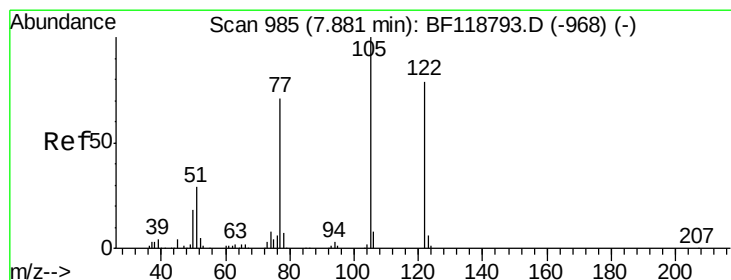
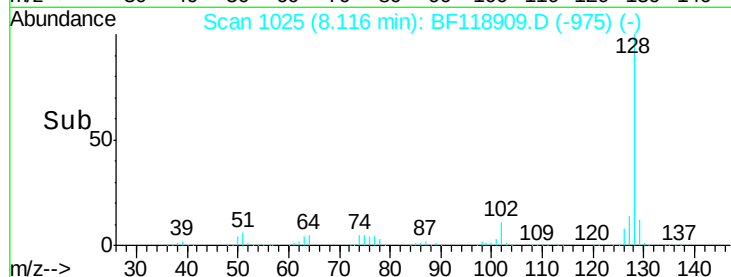
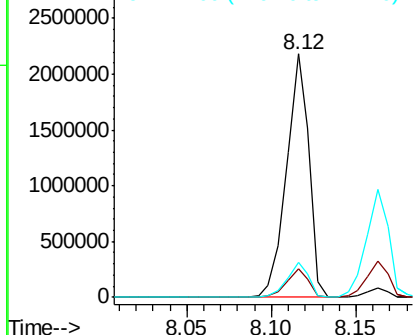
#31
Naphthalene
Concen: 41.923 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 2028767
Ion Ratio Lower Upper
128 100
129 11.9 9.4 14.2
127 14.2 11.3 16.9

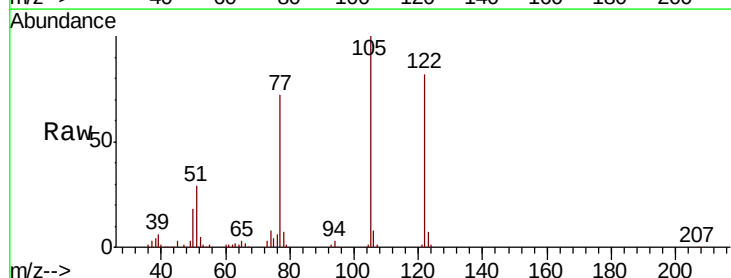


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

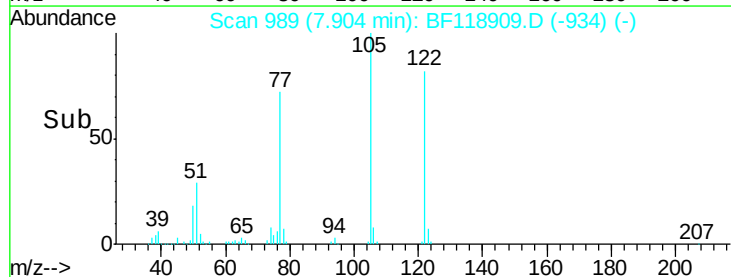
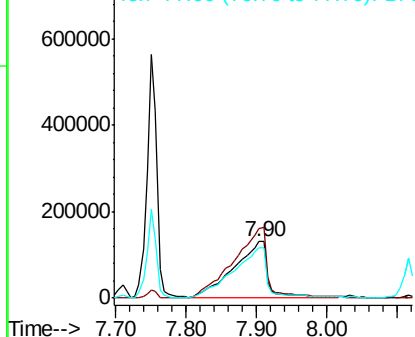


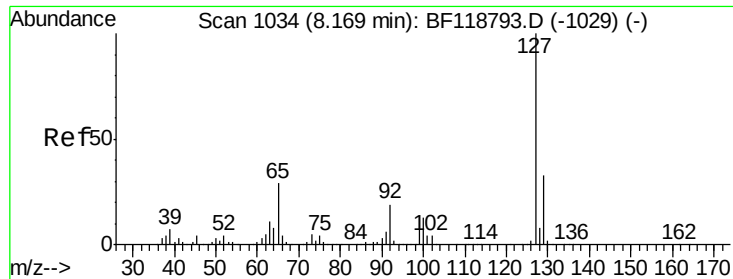
#32
Benzoic acid
Concen: 40.317 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.02 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Tgt Ion:122 Resp: 428491
Ion Ratio Lower Upper
122 100
105 122.4 104.4 144.4
77 88.6 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

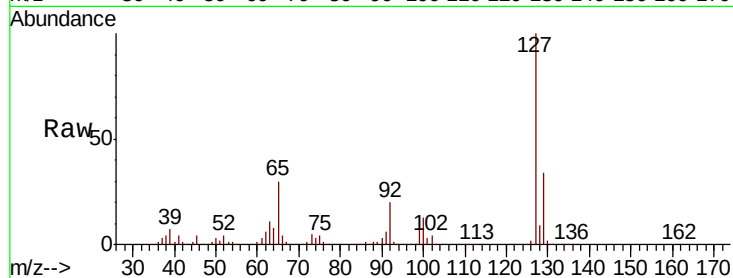




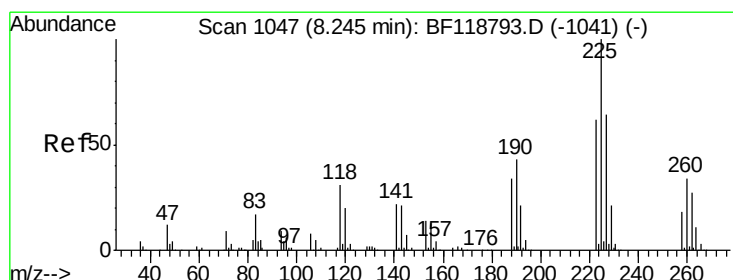
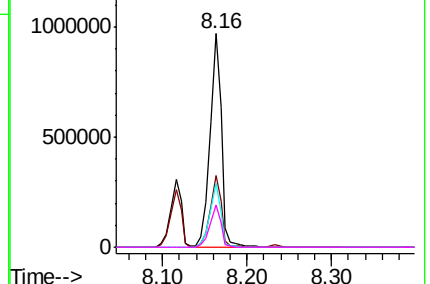
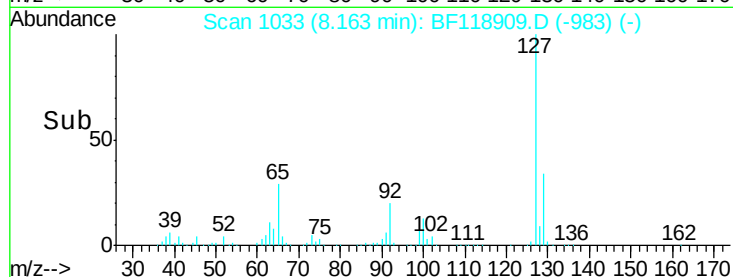
#33
4-Chloroaniline
Concen: 42.375 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	917473
Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.7	40.1
65	29.7	22.9	34.3
92	20.0	15.4	23.0

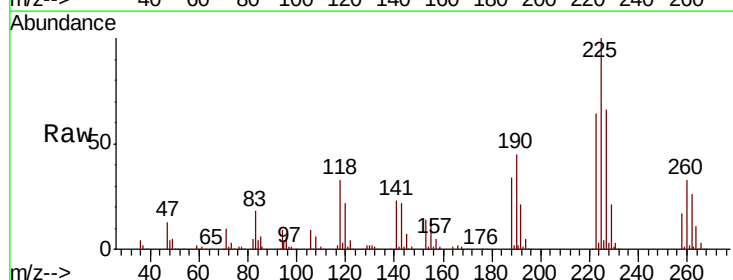


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

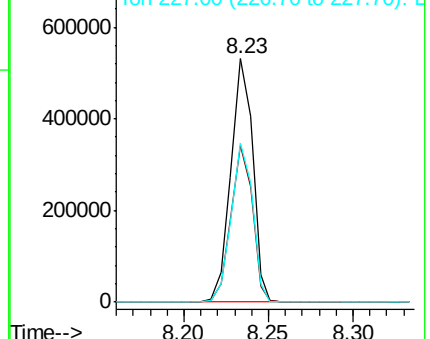
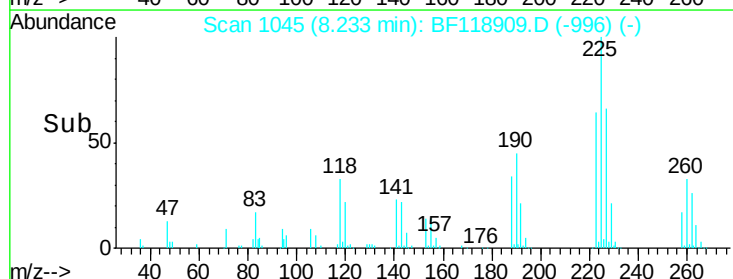


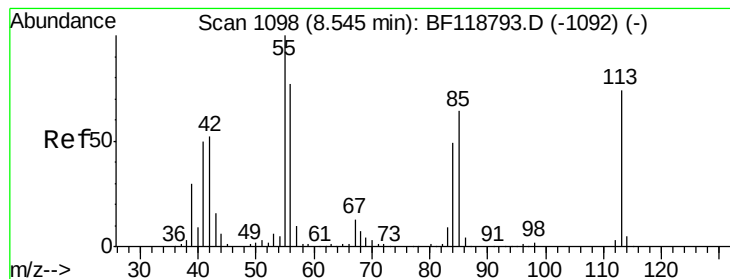
#34
Hexachlorobutadiene
Concen: 43.310 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Tgt Ion:	225	Resp:	476786
Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.8	74.8
227	65.5	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: 37.230 ng

RT: 8.56 min Scan# 1100

Delta R.T. 0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

Instrument :

BNA_F

ClientSampled :

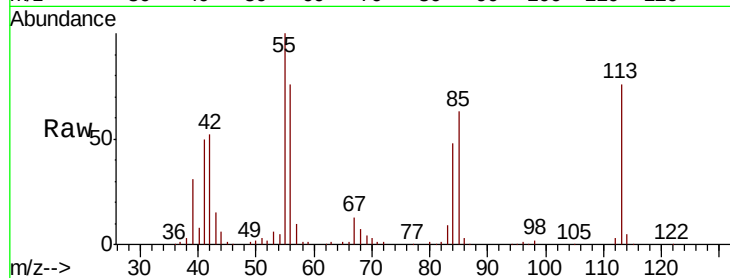
Tot Ion:113 Resp: 185537

Ion Ratio Lower Upper

113 100

55 132.2 115.5 155.5

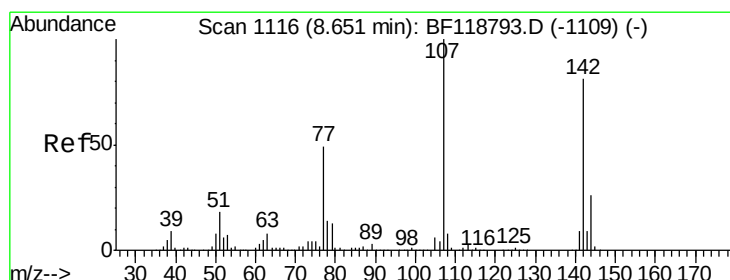
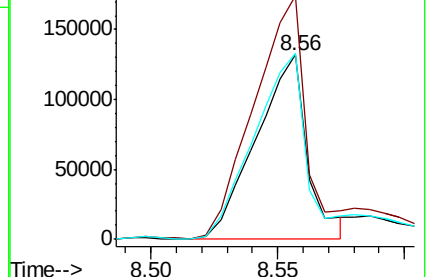
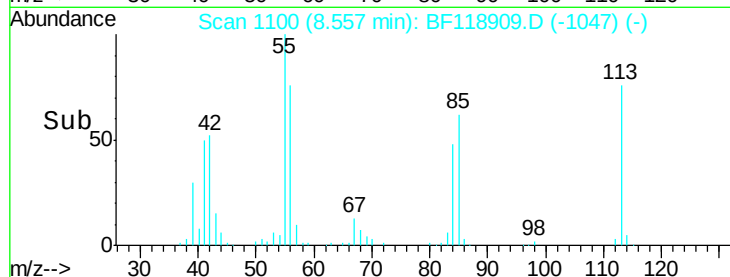
56 101.1 83.7 123.7



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: 42.801 ng

RT: 8.66 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

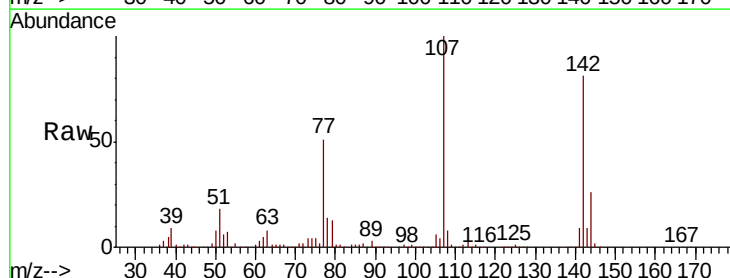
Tgt Ion:107 Resp: 662165

Ion Ratio Lower Upper

107 100

144 26.2 21.0 31.6

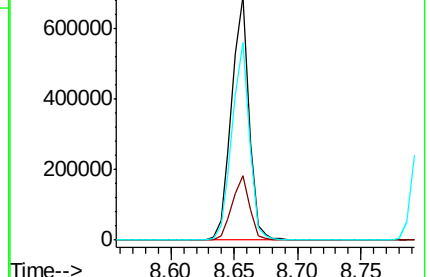
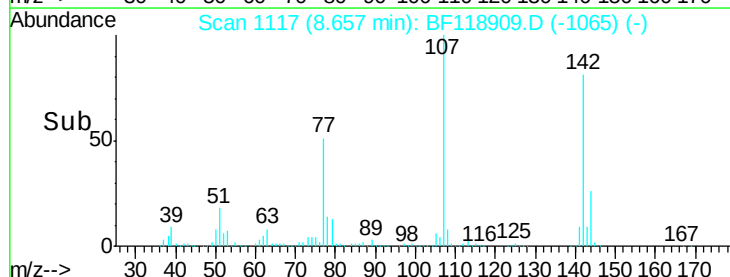
142 81.2 64.8 97.2

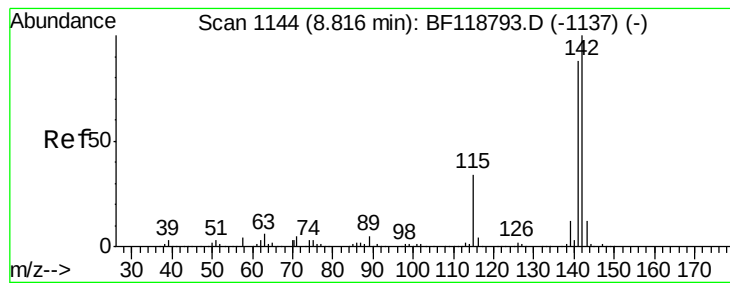


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

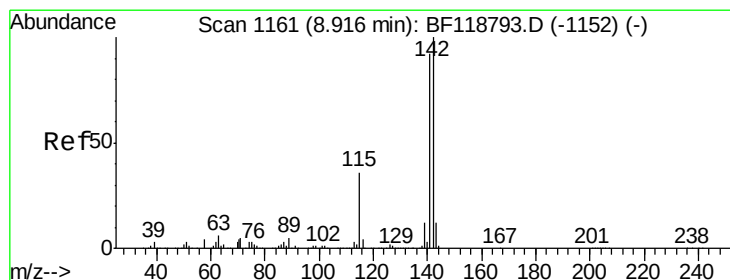
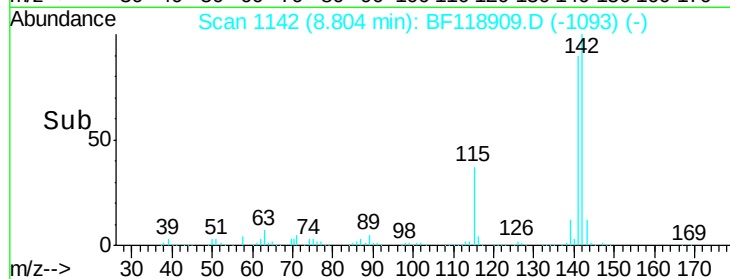
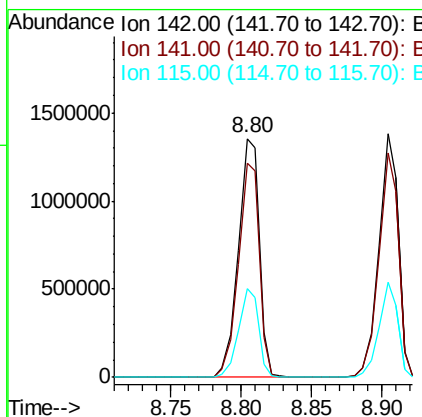
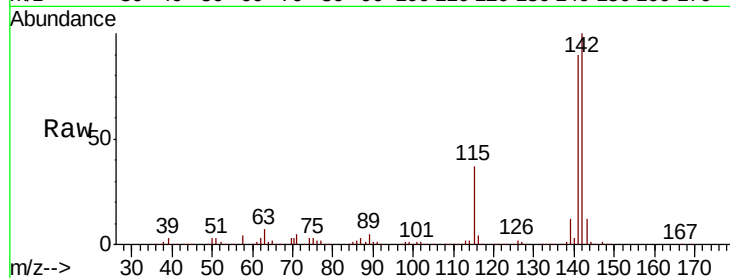




#37
 2-Methylnaphthalene
 Concen: 41.719 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: BF118909.D
 Acq: 12 Feb 2020 10:52

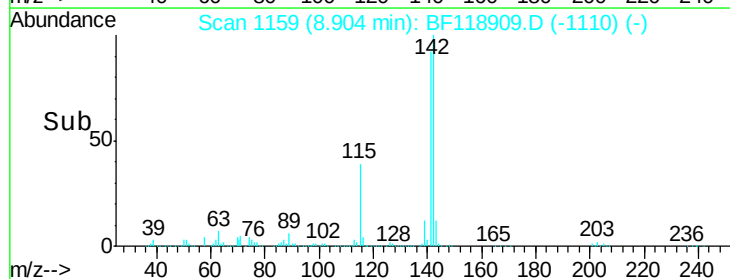
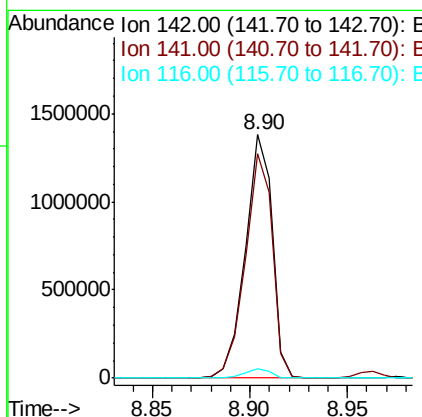
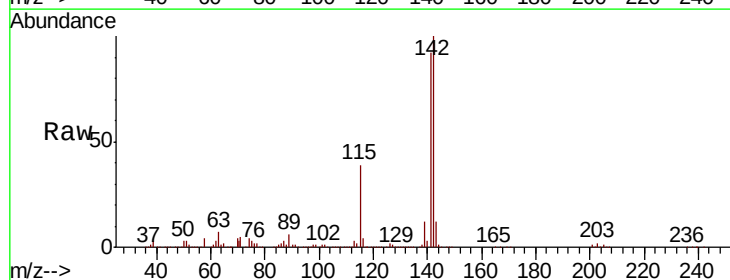
Instrument :
 BNA_F
 ClientSampleId :

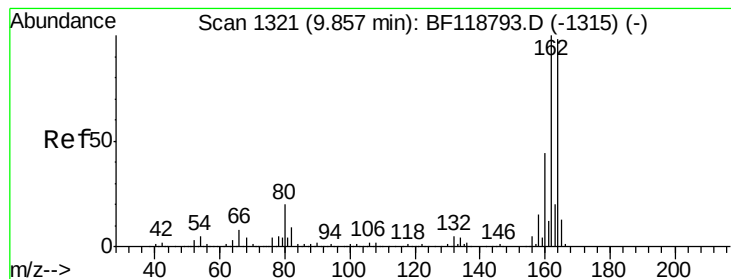
Tot Ion:142 Resp: 1400224
 Ion Ratio Lower Upper
 142 100
 141 89.8 70.1 105.1
 115 37.2 27.3 40.9



#38
 1-Methylnaphthalene
 Concen: 41.751 ng
 RT: 8.90 min Scan# 1159
 Delta R.T. -0.01 min
 Lab File: BF118909.D
 Acq: 12 Feb 2020 10:52

Tgt Ion:142 Resp: 1318217
 Ion Ratio Lower Upper
 142 100
 141 92.3 73.8 110.6
 116 4.1 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

Instrument :

BNA_F

ClientSampleId :

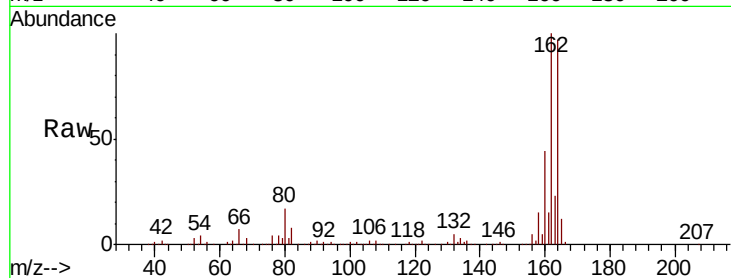
Tot Ion:164 Resp: 606888

Ion Ratio Lower Upper

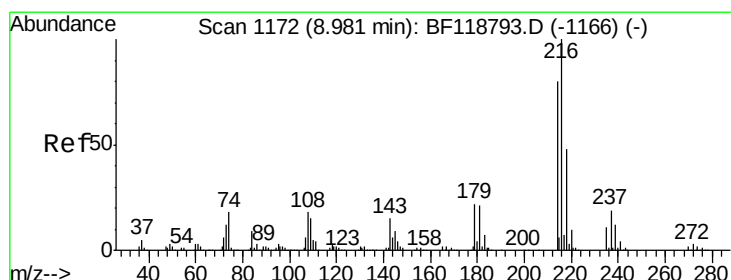
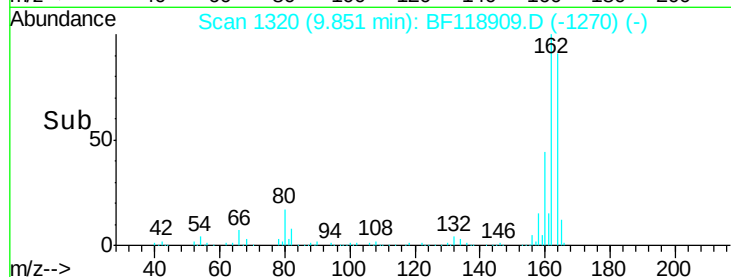
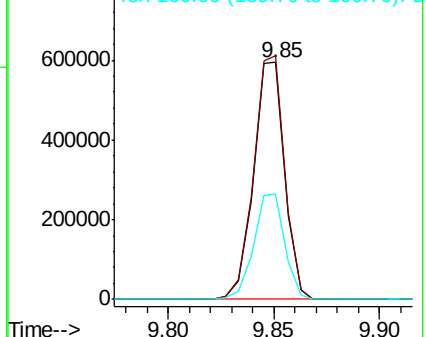
164 100

162 102.9 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: 41.428 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

Tgt Ion:216 Resp: 758807

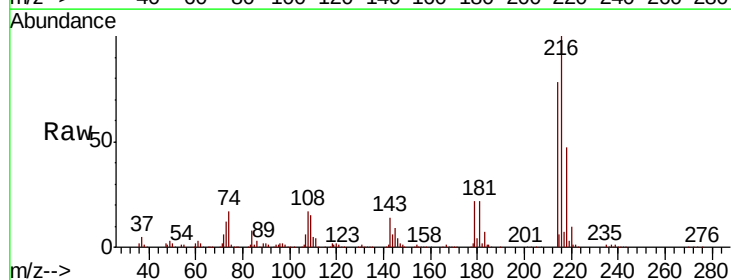
Ion Ratio Lower Upper

216 100

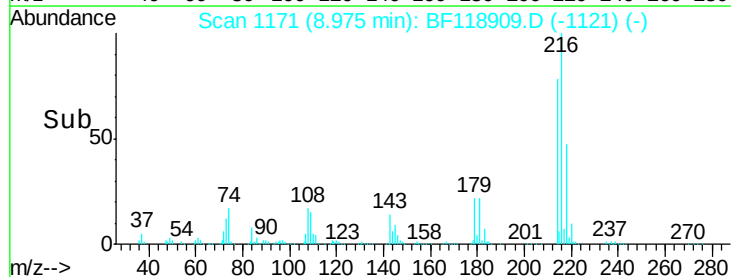
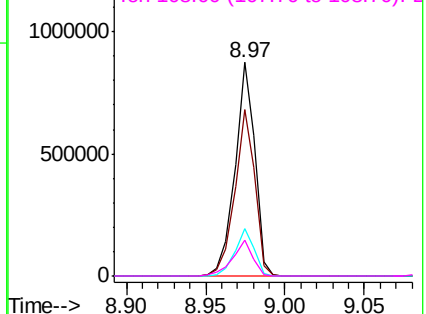
214 78.6 63.0 94.4

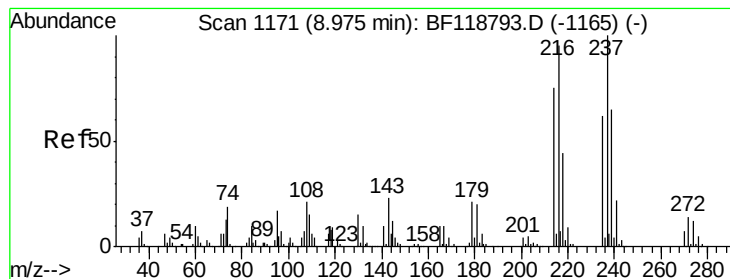
179 21.8 17.0 25.6

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: 37.314 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

Instrument :

BNA_F

ClientSampleId :

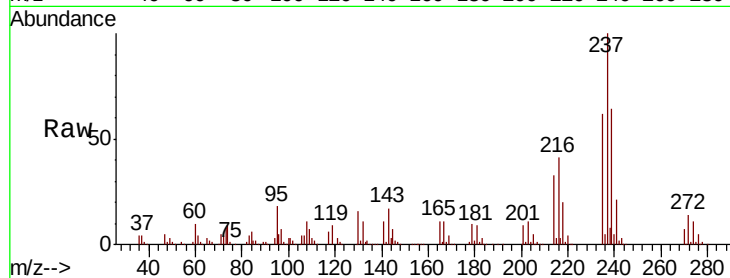
Tot Ion:237 Resp: 267997

Ion Ratio Lower Upper

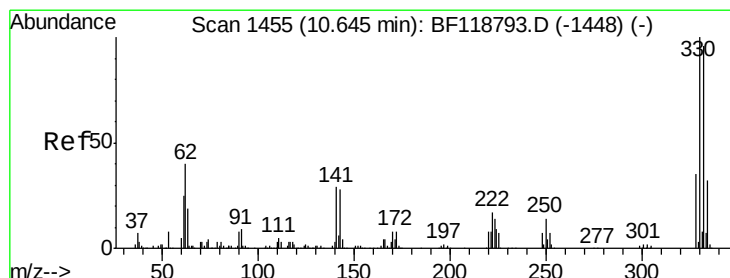
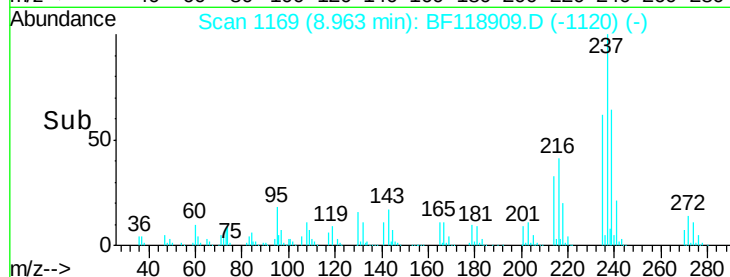
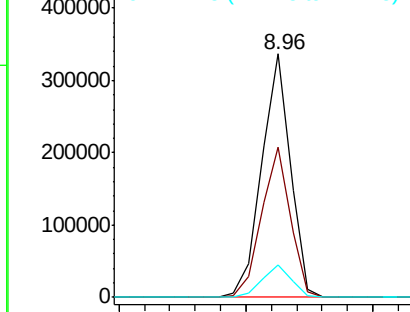
237 100

235 61.7 42.1 82.1

272 13.6 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: 87.825 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

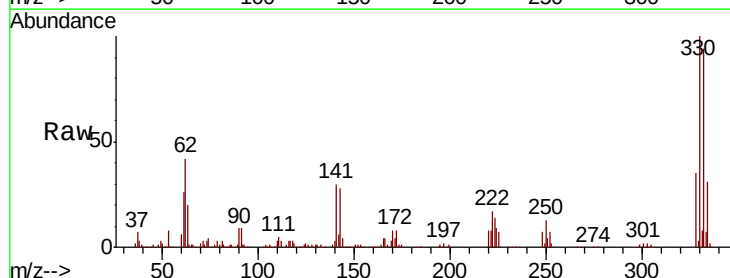
Tgt Ion:330 Resp: 637752

Ion Ratio Lower Upper

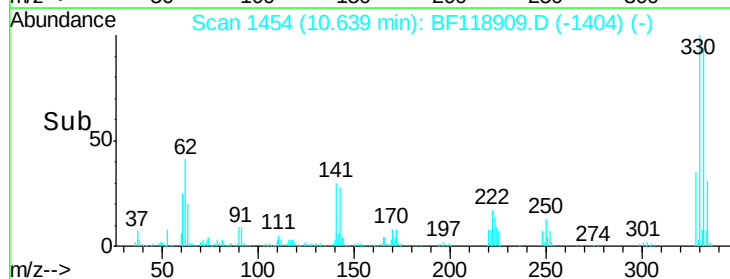
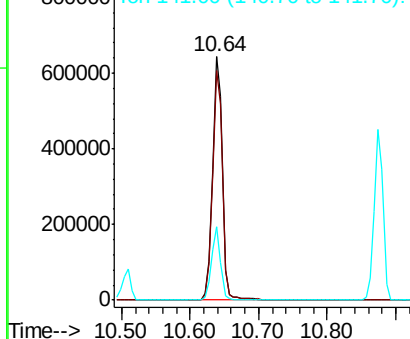
330 100

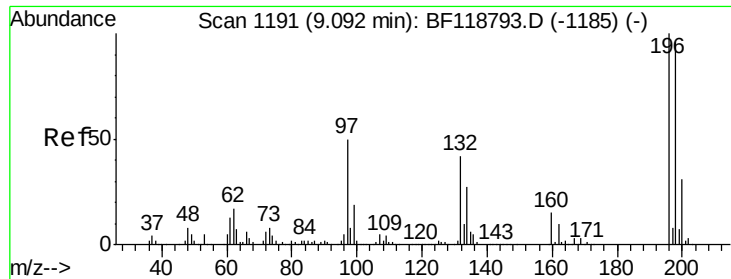
332 95.5 77.3 115.9

141 28.0 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

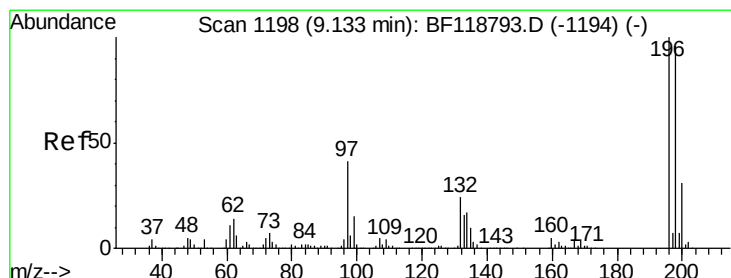
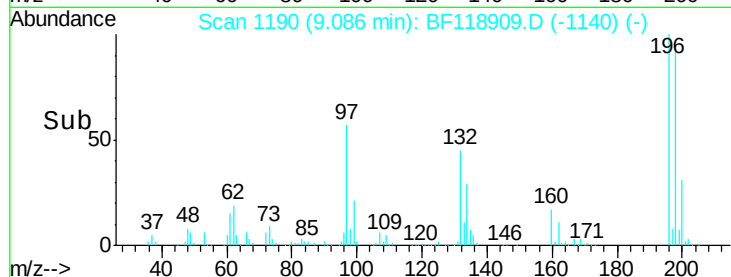
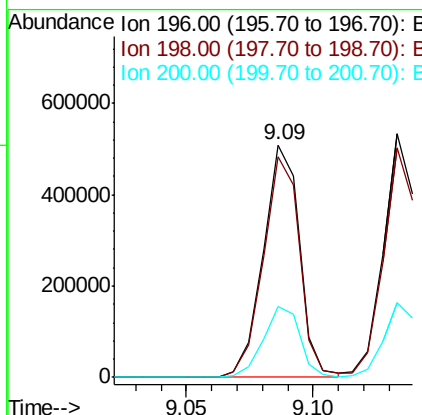
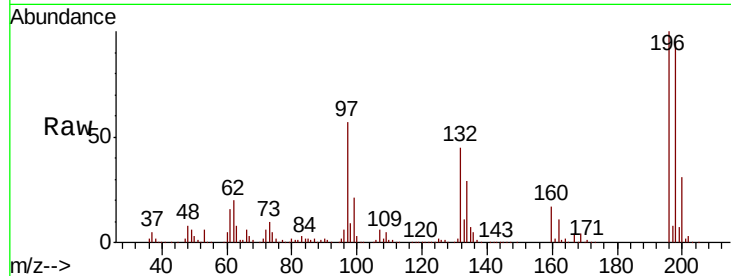




#43
 2,4,6-Trichlorophenol
 Concen: 41.180 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF118909.D
 Acq: 12 Feb 2020 10:52

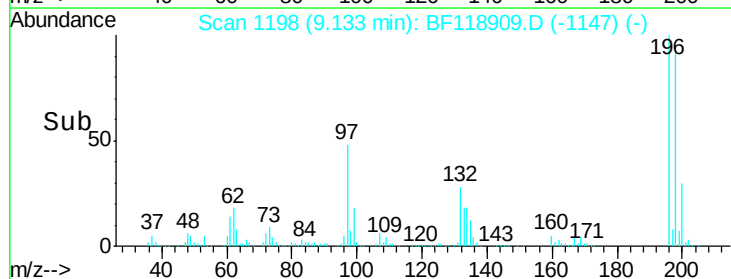
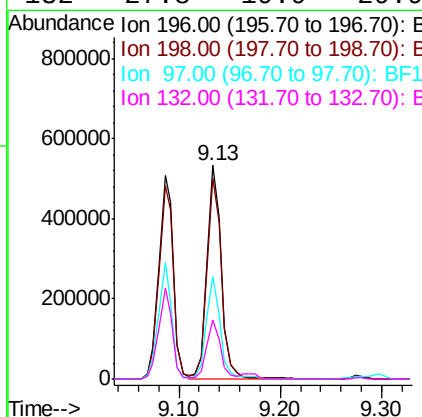
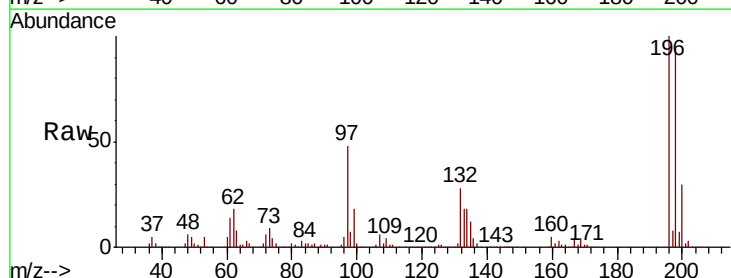
Instrument :
 BNA_F
 ClientSampleId :

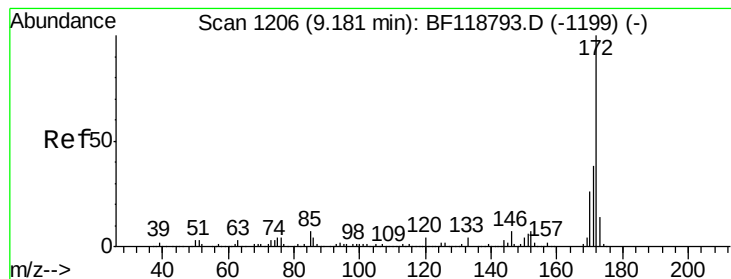
Tot Ion:196 Resp: 504378
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.7 115.1
 200 30.6 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 41.626 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF118909.D
 Acq: 12 Feb 2020 10:52

Tgt Ion:196 Resp: 520952
 Ion Ratio Lower Upper
 196 100
 198 94.2 77.0 115.4
 97 48.2 32.9 49.3
 132 27.8 19.9 29.9





#45

2-Fluorobiphenyl

Concen: 81.480 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

Instrument :

BNA_F

ClientSampleId :

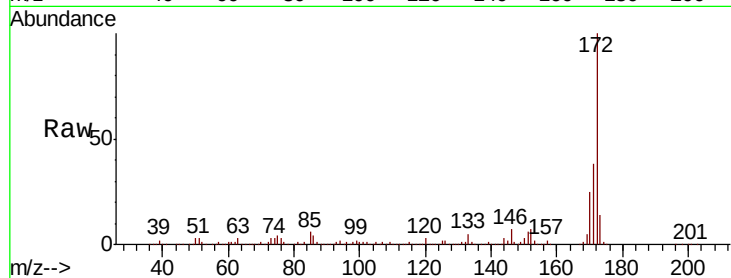
Tot Ion:172 Resp: 2766094

Ion Ratio Lower Upper

172 100

171 37.7 30.8 46.2

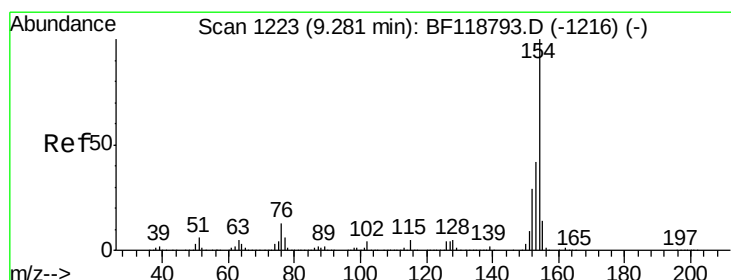
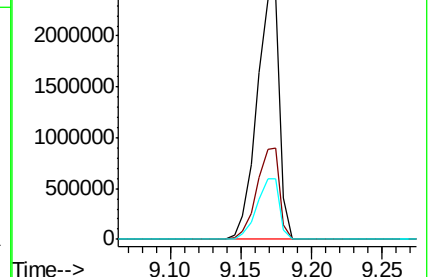
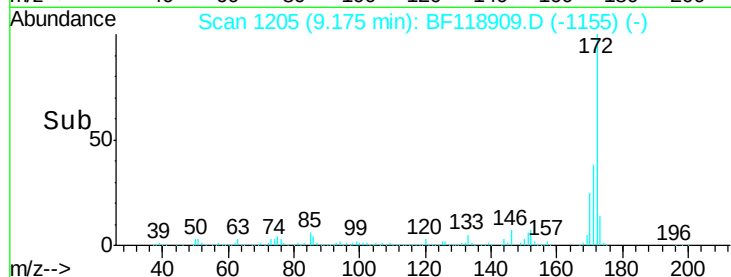
170 25.1 20.5 30.7



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 41.598 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

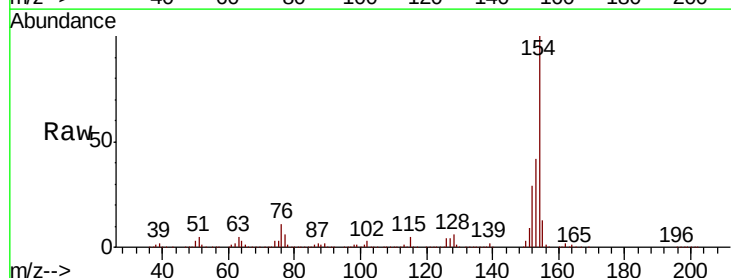
Tgt Ion:154 Resp: 1746319

Ion Ratio Lower Upper

154 100

153 41.8 22.4 62.4

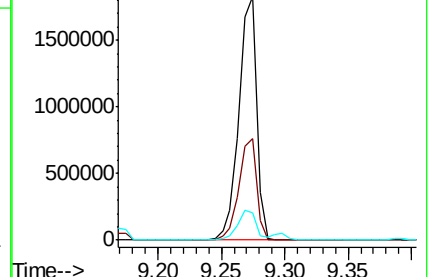
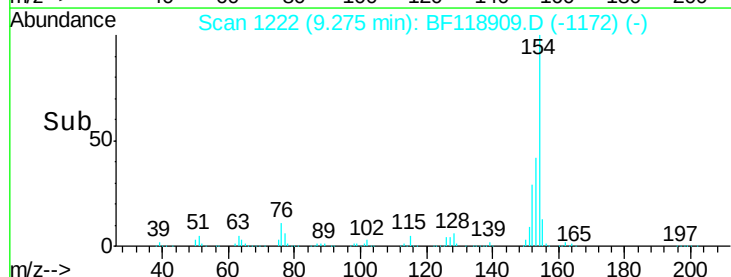
76 11.3 0.0 32.7

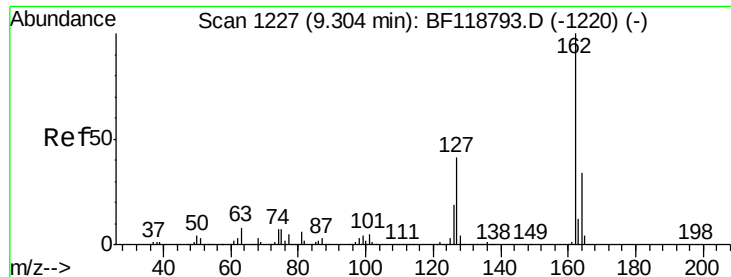


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

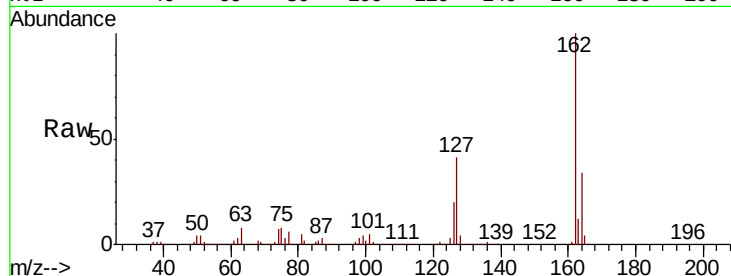




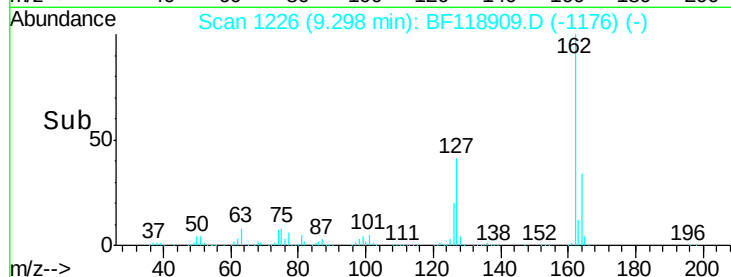
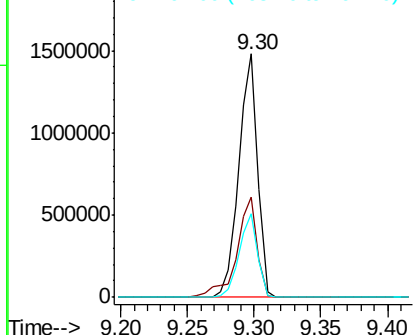
#47
 2-Chloronaphthalene
 Concen: 41.584 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF118909.D
 Acq: 12 Feb 2020 10:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 162 Resp: 1451289
 Ion Ratio Lower Upper
 162 100
 127 41.3 33.3 49.9
 164 34.1 27.1 40.7

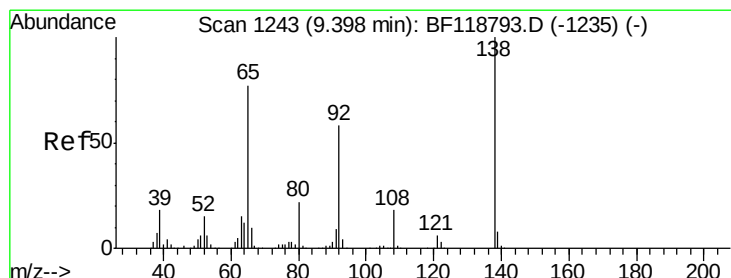


Abundance Ion 162.00 (161.70 to 162.70): E
 2000000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

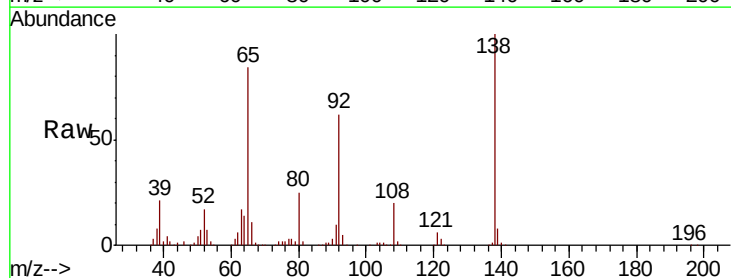
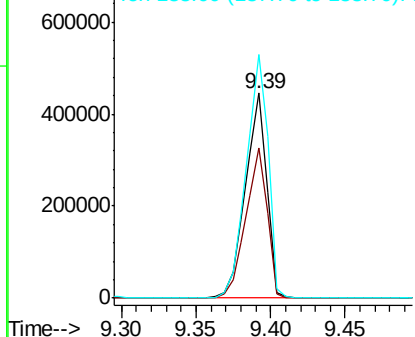


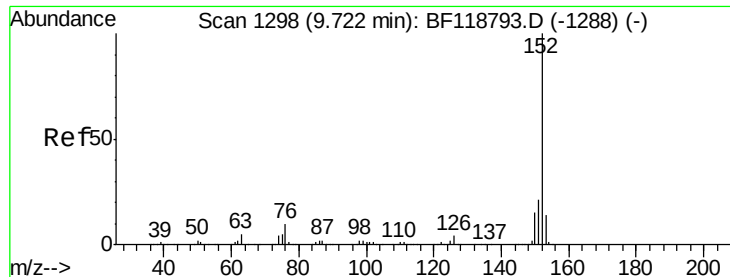
#48
 2-Nitroaniline
 Concen: 43.854 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF118909.D
 Acq: 12 Feb 2020 10:52

Tgt Ion: 65 Resp: 441437
 Ion Ratio Lower Upper
 65 100
 92 73.2 60.6 91.0
 138 118.8 104.6 156.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.634 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

Instrument :

BNA_F

ClientSampled :

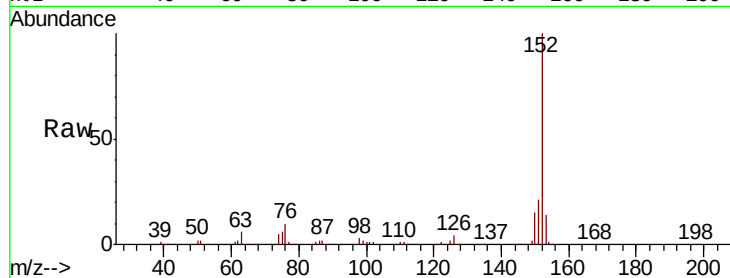
Tot Ion:152 Resp: 2098012

Ion Ratio Lower Upper

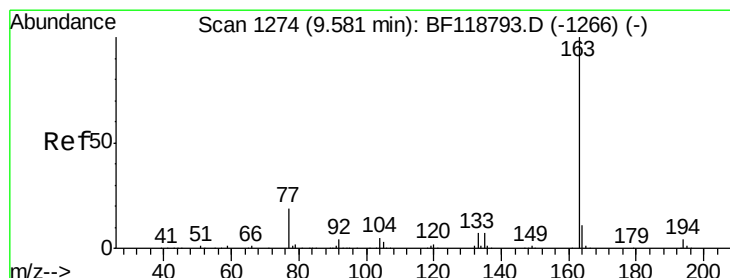
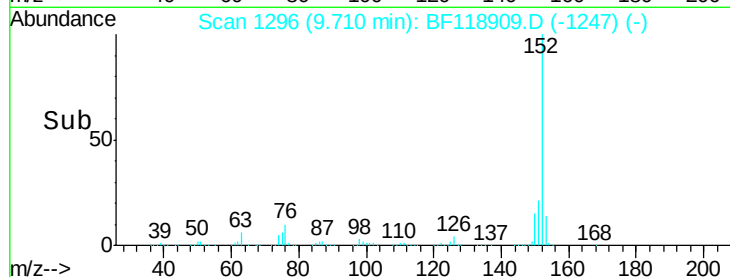
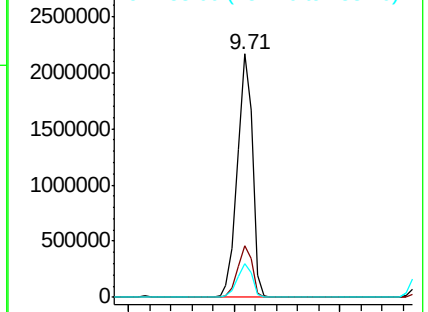
152 100

151 21.4 17.1 25.7

153 13.9 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.440 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

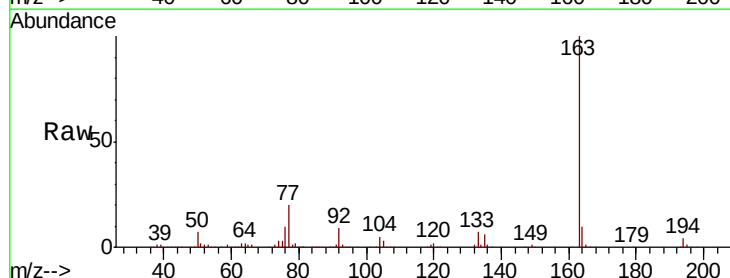
Tgt Ion:163 Resp: 1836391

Ion Ratio Lower Upper

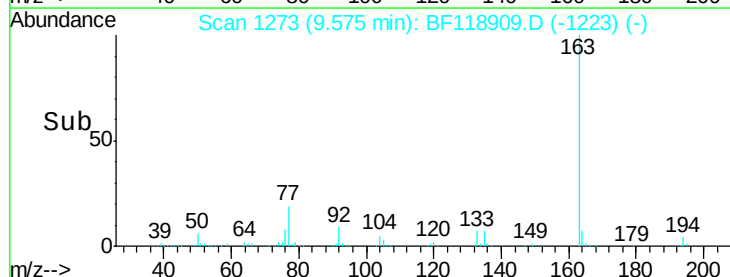
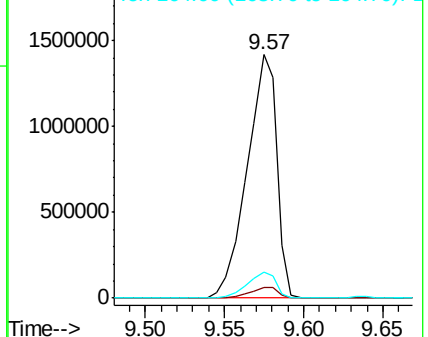
163 100

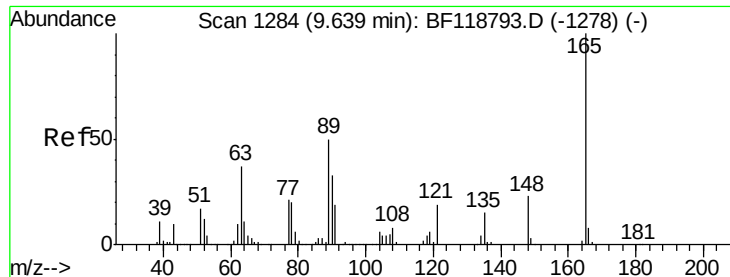
194 4.3 3.6 5.4

164 10.5 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.754 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

Instrument :

BNA_F

ClientSampleId :

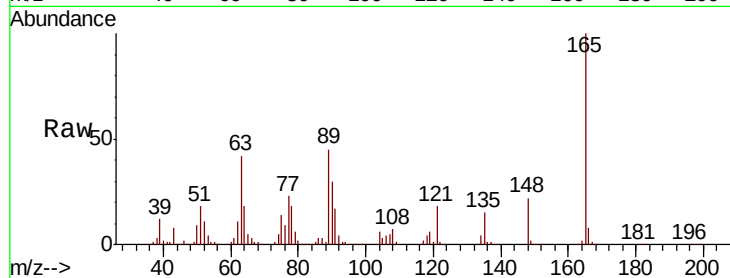
Tot Ion:165 Resp: 404250

Ion Ratio Lower Upper

165 100

63 41.6 37.4 56.0

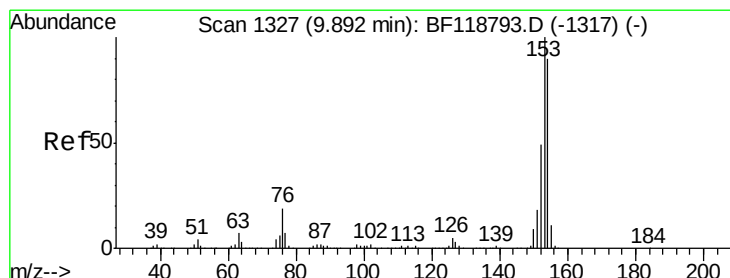
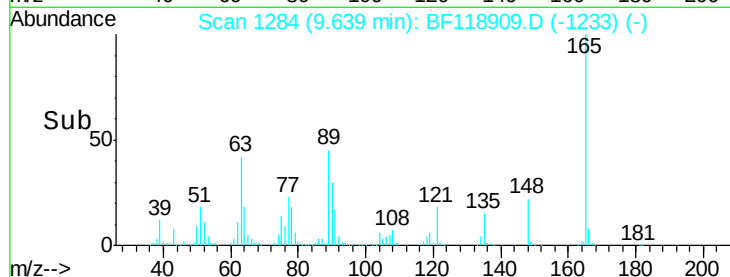
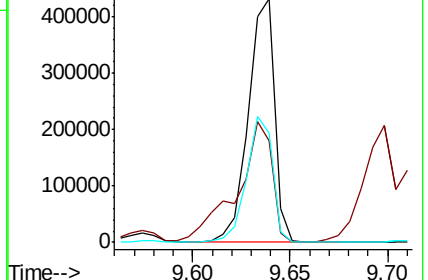
89 44.8 39.7 59.5



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: 38.146 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

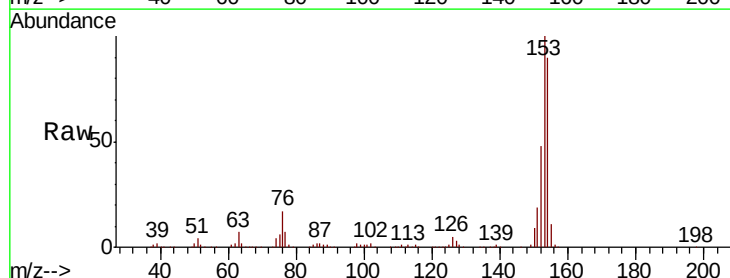
Tgt Ion:154 Resp: 1266673

Ion Ratio Lower Upper

154 100

153 111.5 89.4 134.0

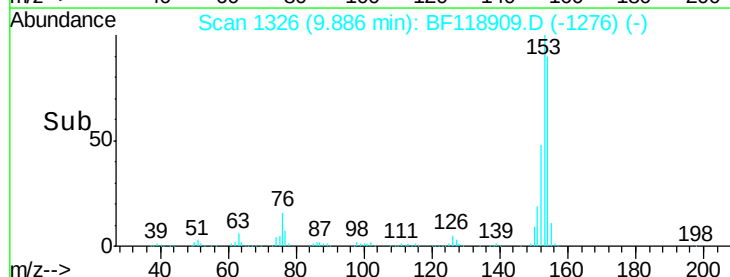
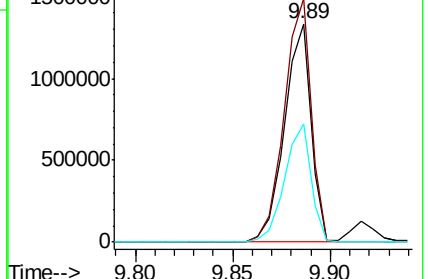
152 53.8 43.6 65.4

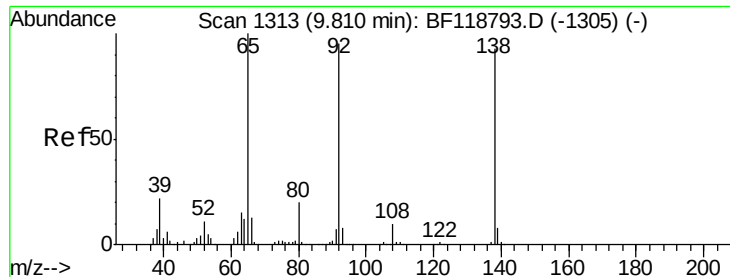


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

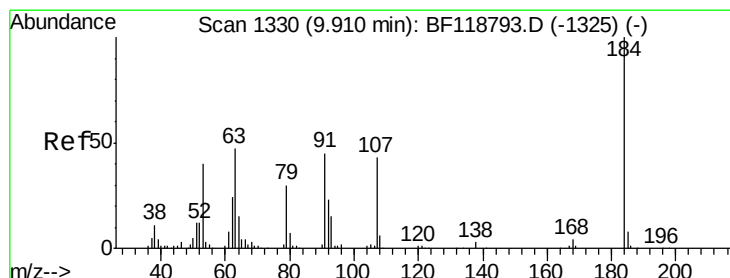
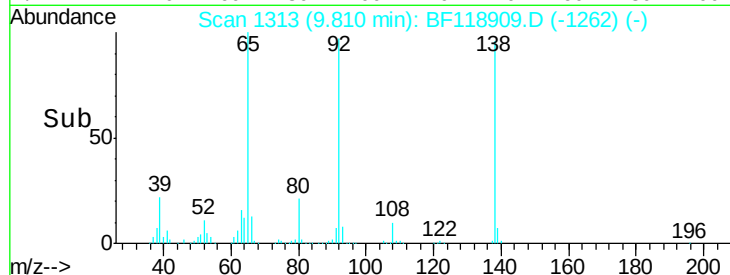
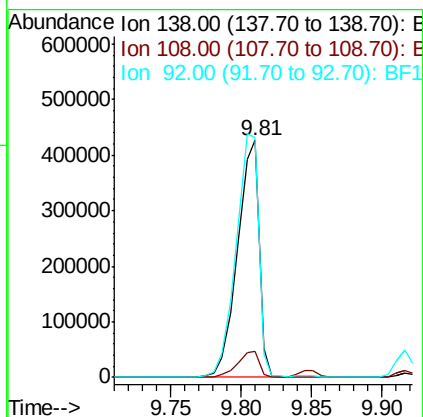
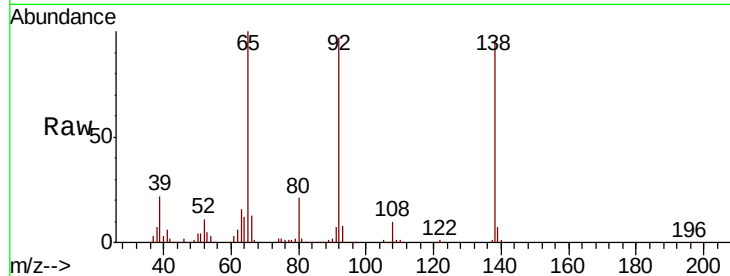




#53
3-Nitroaniline
Concen: 43.411 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

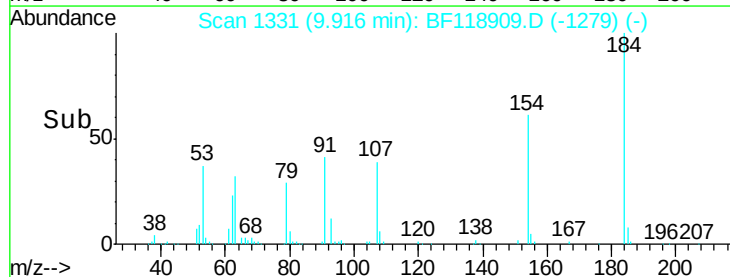
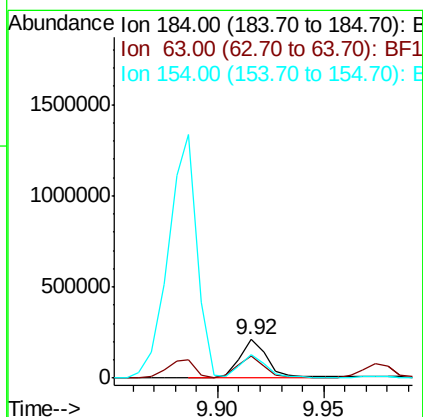
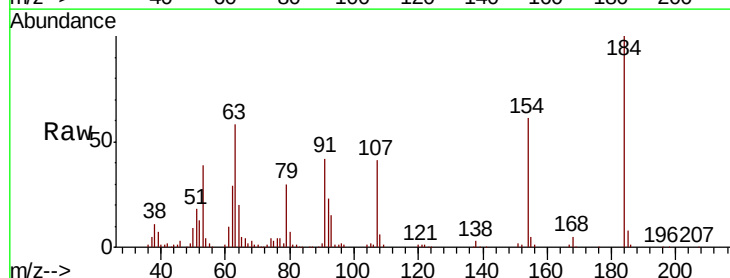
Instrument :
BNA_F
ClientSampled :

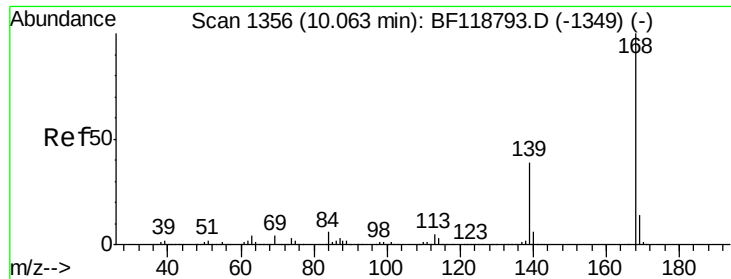
Tot Ion:138 Resp: 455210
Ion Ratio Lower Upper
138 100
108 10.7 8.5 12.7
92 101.1 82.2 123.4



#54
2,4-Dinitrophenol
Concen: 44.087 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Tgt Ion:184 Resp: 200397
Ion Ratio Lower Upper
184 100
63 57.5 47.5 71.3
154 61.3 48.6 72.8





#55

Dibenzenofuran

Concen: 39.413 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

Instrument :

BNA_F

ClientSampled :

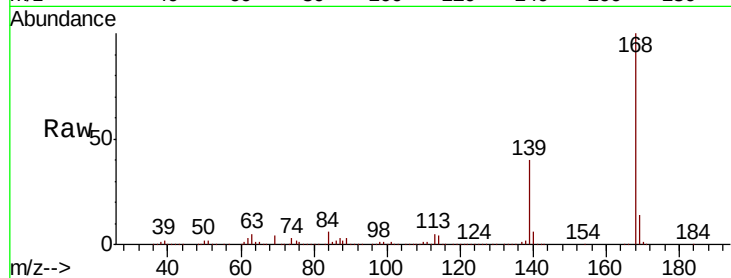
Tot Ion:168 Resp: 1891348

Ion Ratio Lower Upper

168 100

139 40.0 31.6 47.4

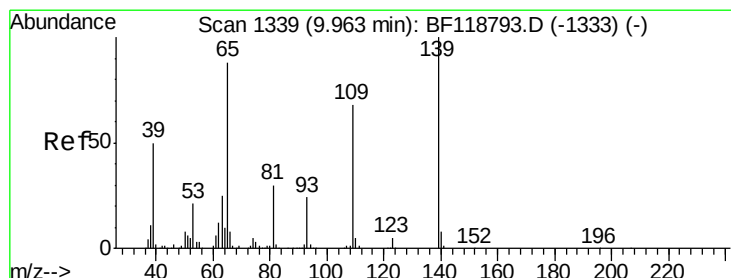
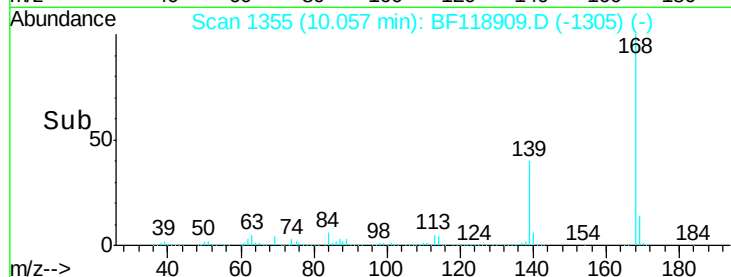
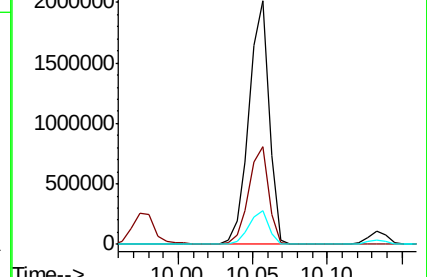
169 13.9 11.4 17.2



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: 37.075 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

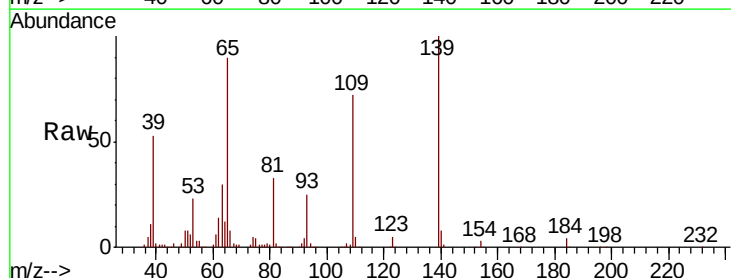
Tgt Ion:139 Resp: 281371

Ion Ratio Lower Upper

139 100

109 71.9 48.0 88.0

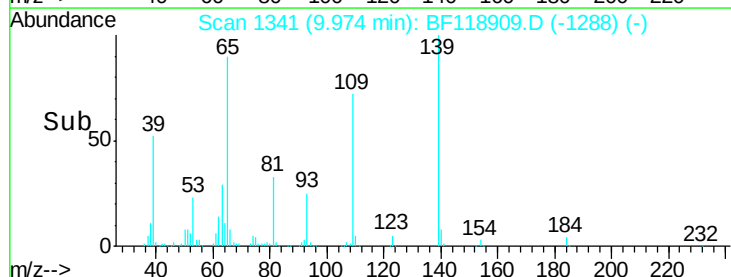
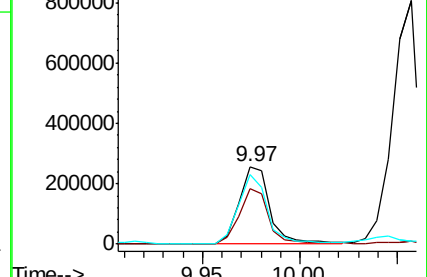
65 90.4 68.3 108.3

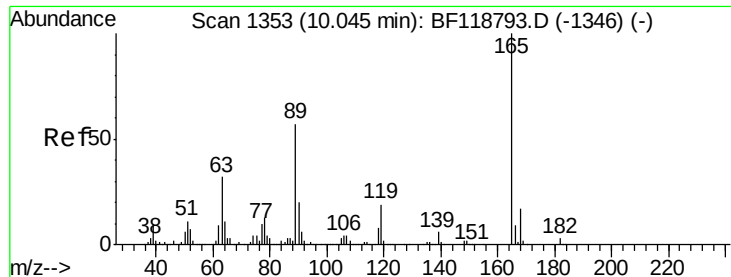


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

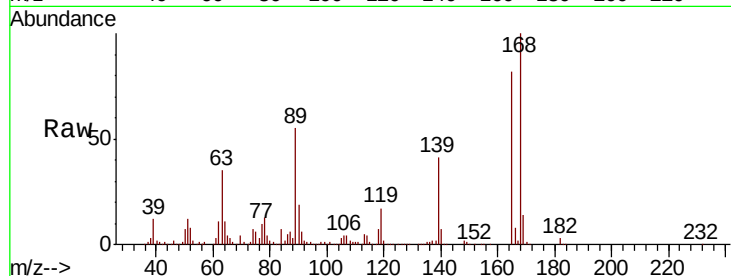




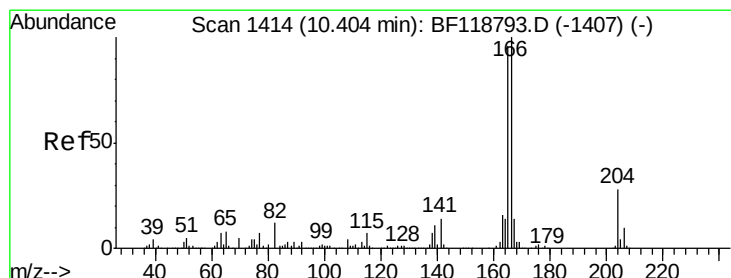
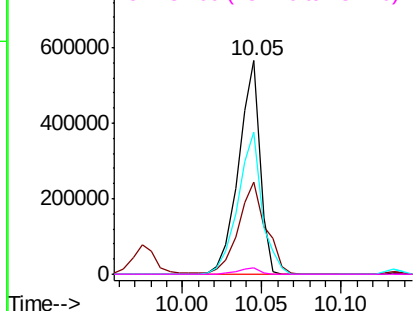
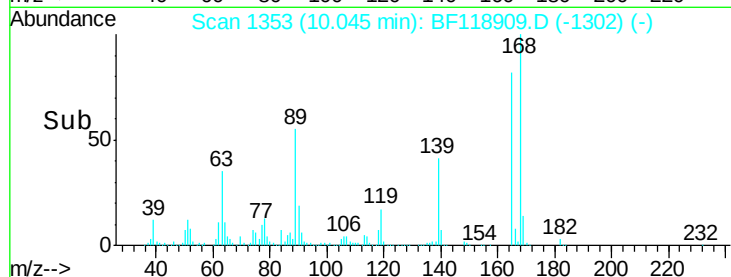
#57
2,4-Dinitrotoluene
Concen: 42.088 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 526637
Ion Ratio Lower Upper
165 100
63 43.0 25.5 38.3#
89 66.8 45.4 68.0
182 3.1 2.4 3.6

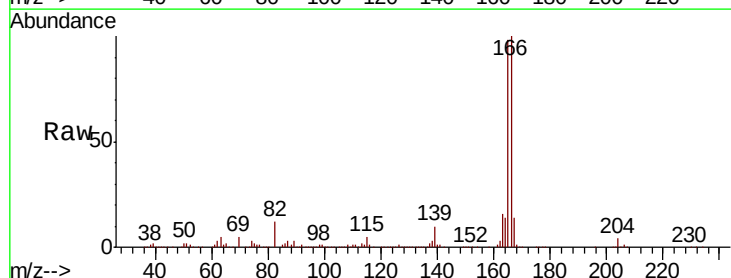


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

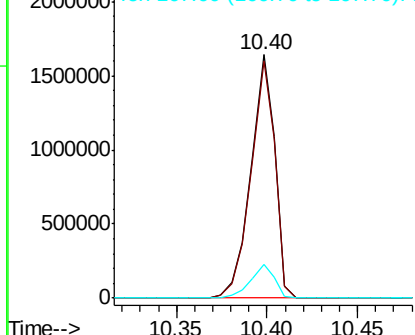
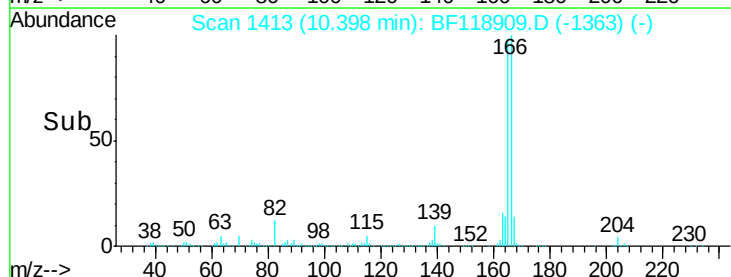


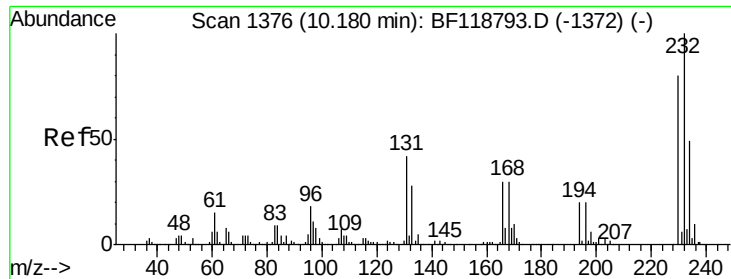
#58
Fluorene
Concen: 41.746 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Tgt Ion:166 Resp: 1507142
Ion Ratio Lower Upper
166 100
165 97.5 77.0 115.6
167 13.9 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

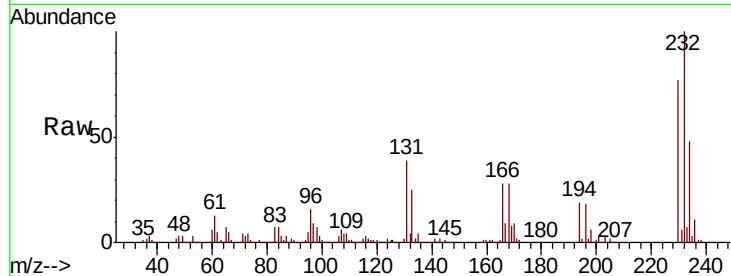




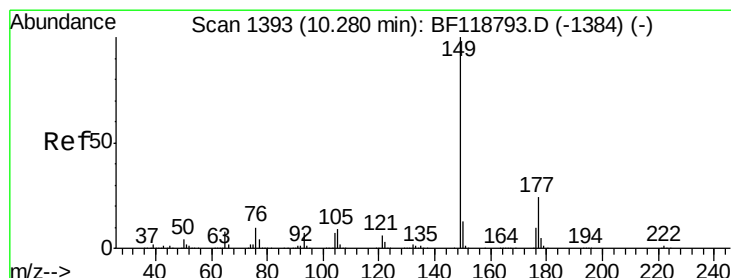
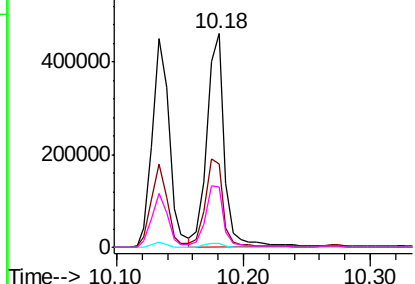
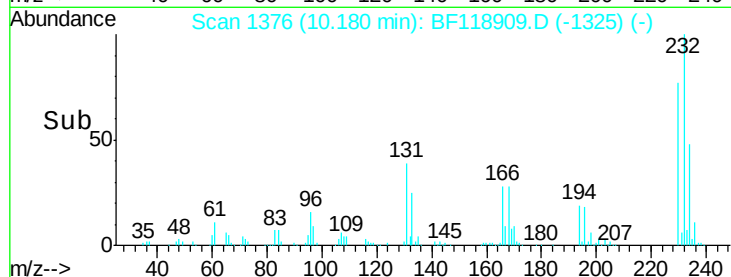
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.487 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: BF118909.D
 Acq: 12 Feb 2020 10:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	442501
Ion	Ratio	Lower	Upper
232	100		
131	42.0	31.8	47.6
130	2.2	1.6	2.4
166	29.3	23.1	34.7

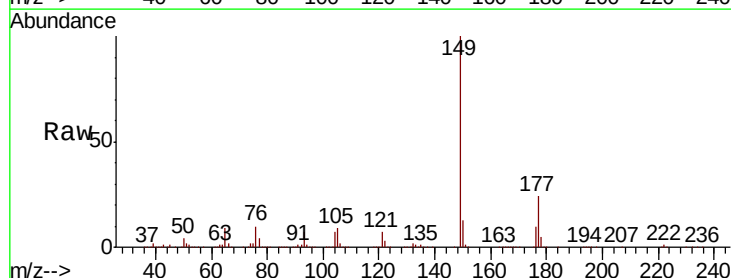


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

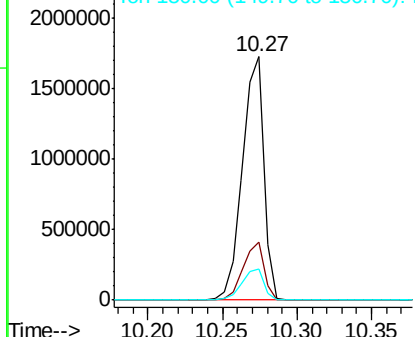
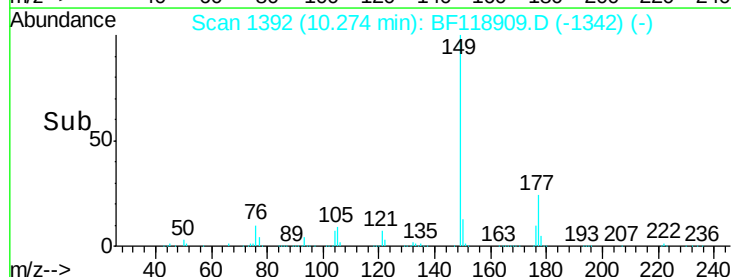


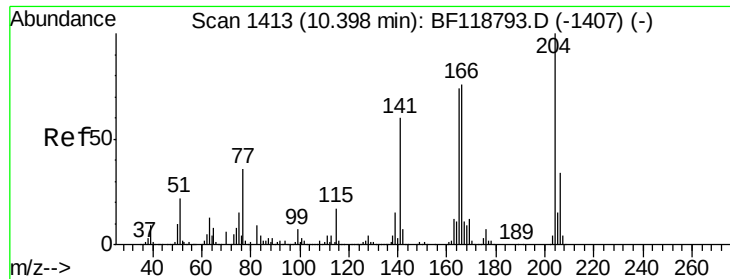
#60
 Diethylphthalate
 Concen: 42.829 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF118909.D
 Acq: 12 Feb 2020 10:52

Tgt Ion:	149	Resp:	1720977
Ion	Ratio	Lower	Upper
149	100		
177	23.8	19.3	28.9
150	13.0	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

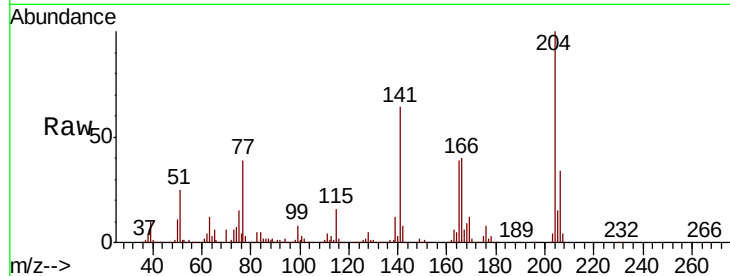




#61
 4-Chlorophenyl-phenylether
 Concen: 40.674 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF118909.D
 Acq: 12 Feb 2020 10:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	27.4	41.2
141	63.8	47.8	71.6

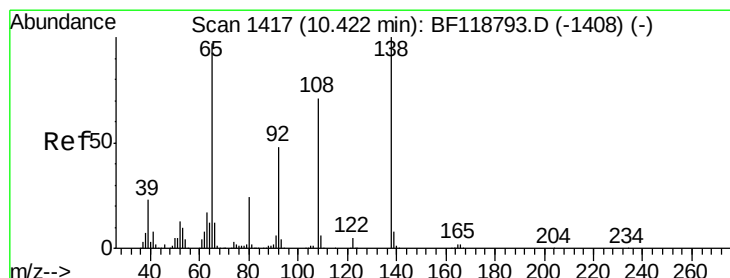
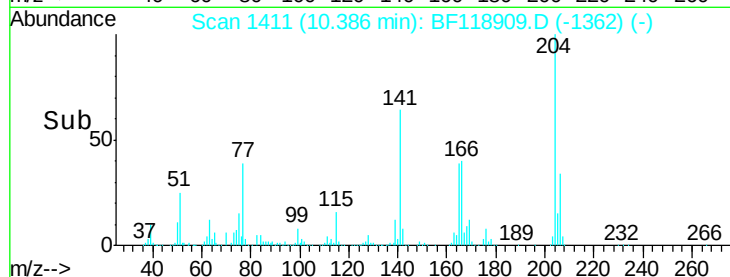
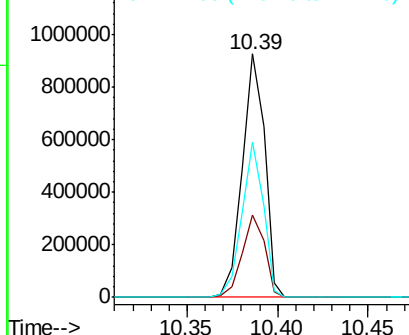


Abundance

Ion 204.00 (203.70 to 204.70): E

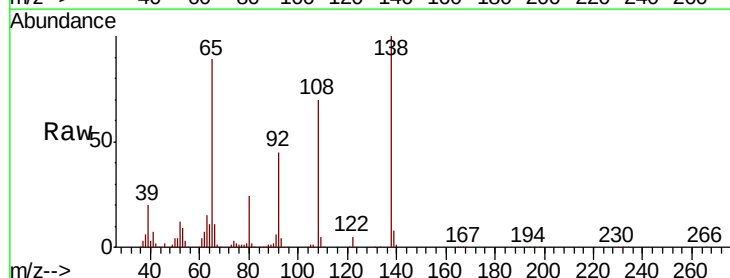
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 46.451 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.01 min
 Lab File: BF118909.D
 Acq: 12 Feb 2020 10:52

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.0	27.6	67.6
108	69.8	51.3	91.3

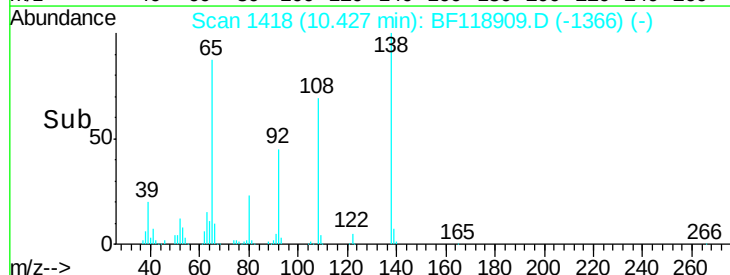
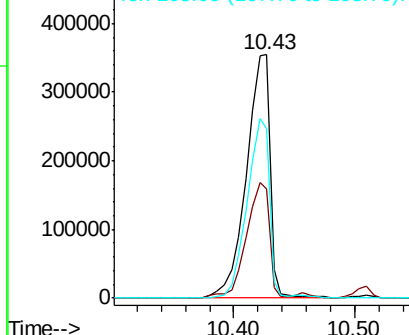


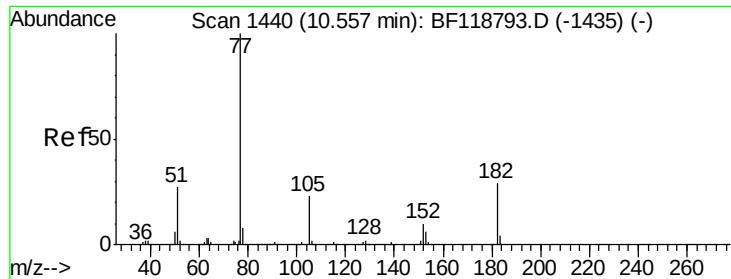
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 44.688 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1533034

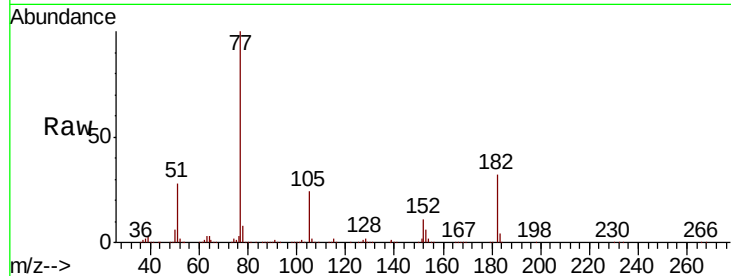
Ion Ratio Lower Upper

77 100

182 32.5 9.2 49.2

105 23.7 3.1 43.1

51 27.5 7.4 47.4

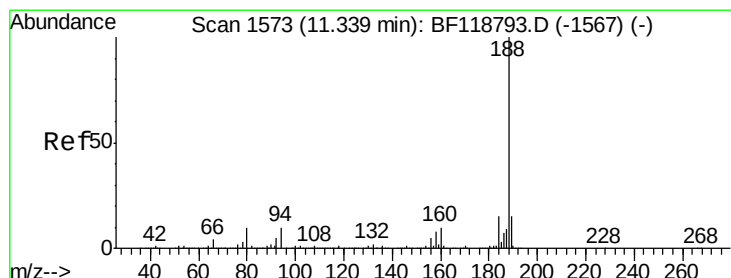
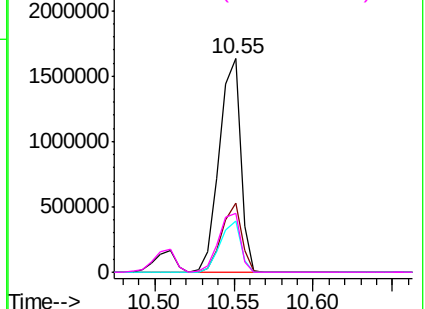
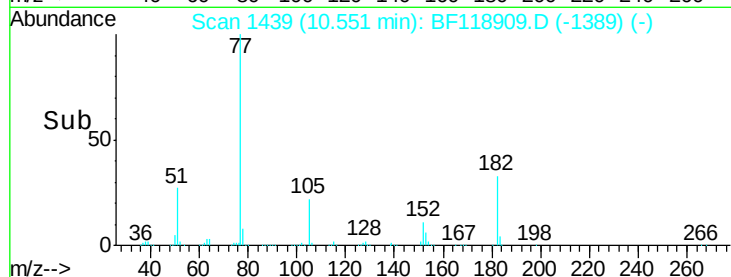


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

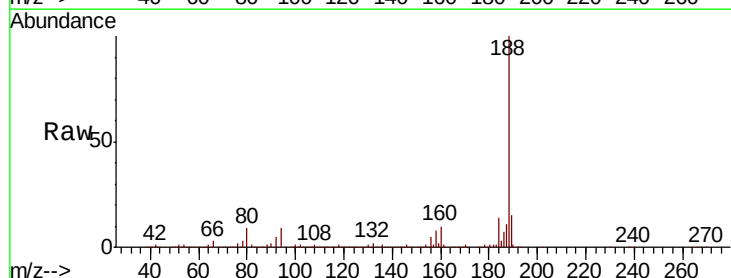
Tgt Ion: 188 Resp: 1204352

Ion Ratio Lower Upper

188 100

94 8.7 7.9 11.9

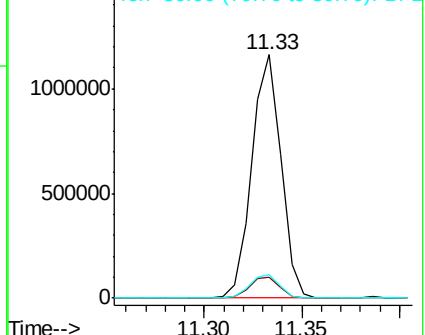
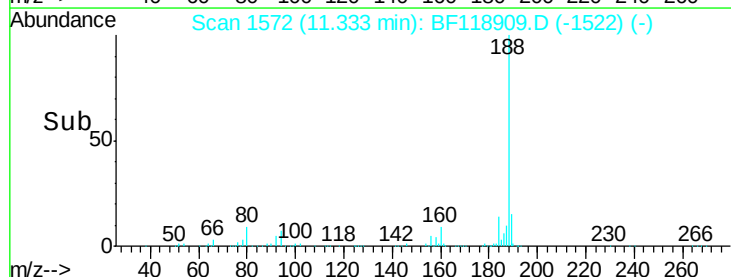
80 9.5 8.4 12.6

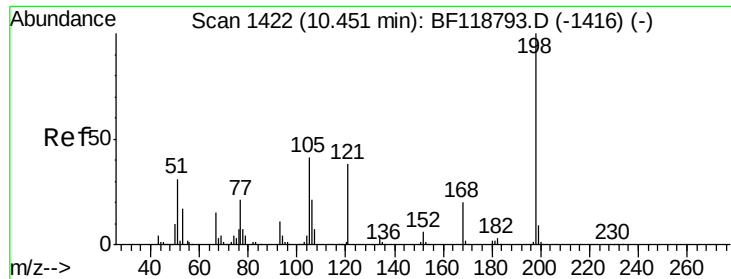


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

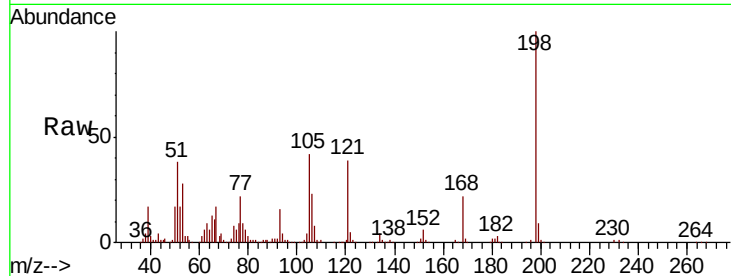




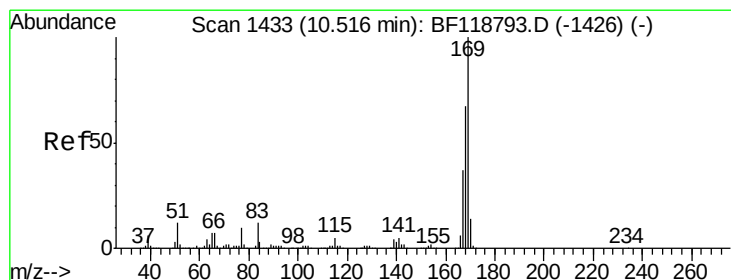
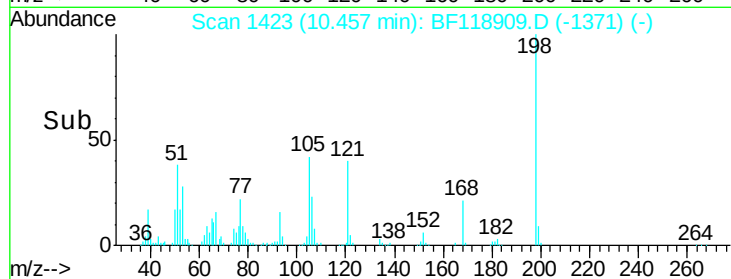
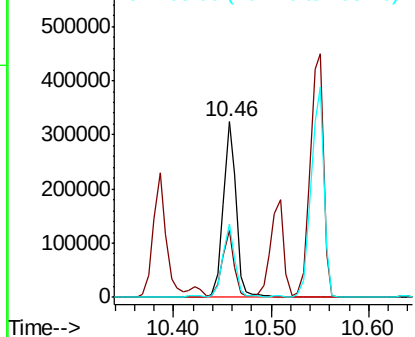
#65
4,6-Dinitro-2-methylphenol
Concen: 44.537 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 301398
Ion Ratio Lower Upper
198 100
51 38.2 16.7 56.7
105 42.2 22.0 62.0

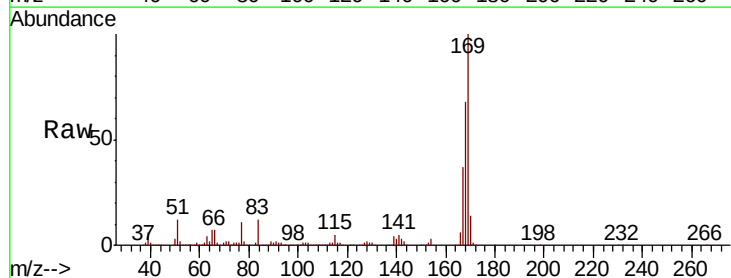


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

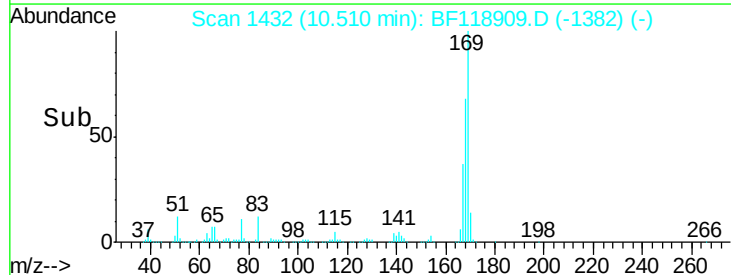
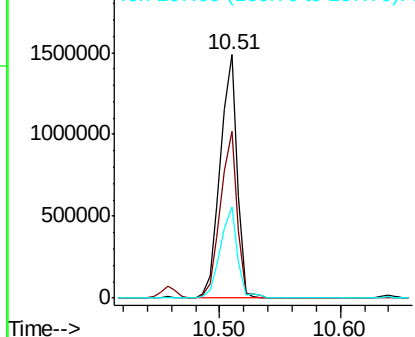


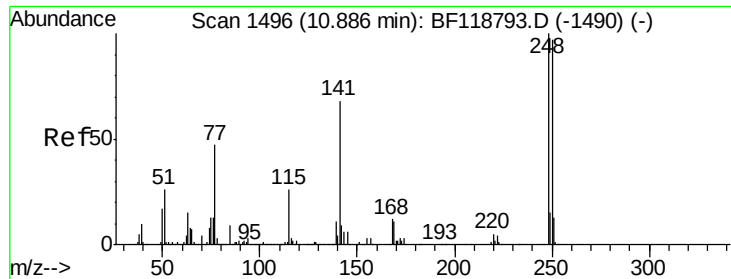
#66
n-Nitrosodiphenylamine
Concen: 40.798 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Tgt Ion:169 Resp: 1423242
Ion Ratio Lower Upper
169 100
168 68.4 53.5 80.3
167 37.5 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

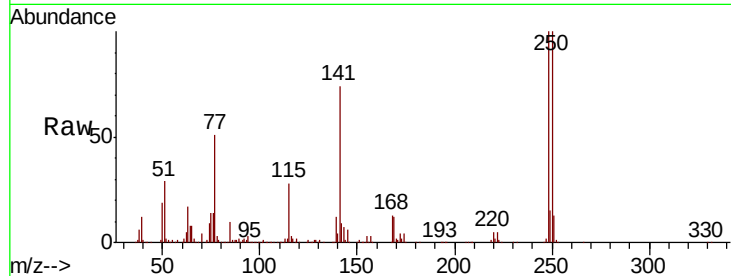




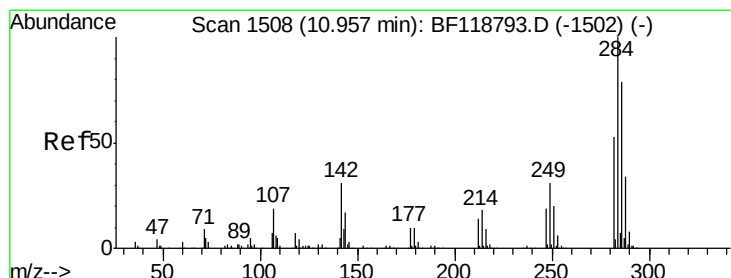
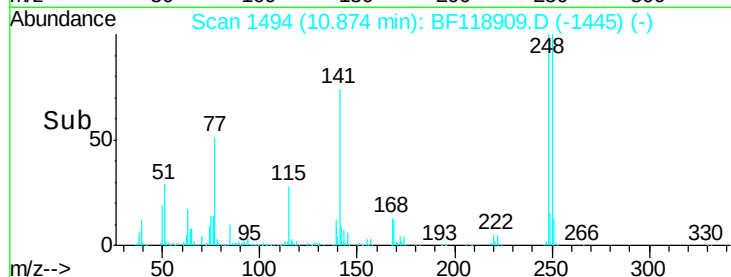
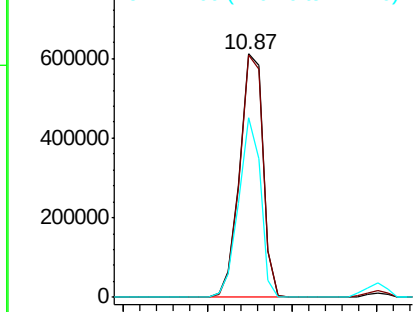
#67
4-Bromophenyl-phenylether
Concen: 41.579 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 592381
Ion Ratio Lower Upper
248 100
250 99.5 77.6 116.4
141 73.9 54.4 81.6

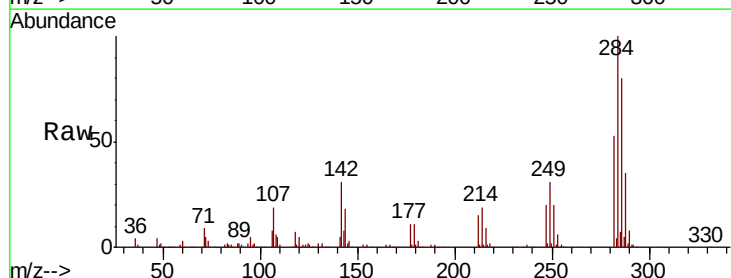


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

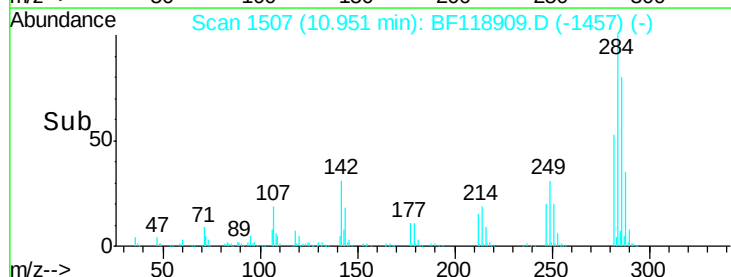
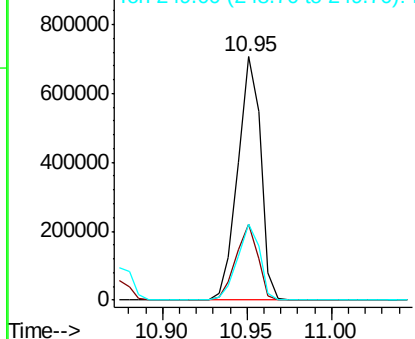


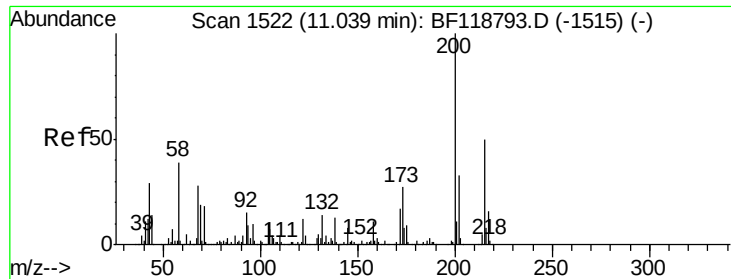
#68
Hexachlorobenzene
Concen: 40.811 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Tgt Ion:284 Resp: 666899
Ion Ratio Lower Upper
284 100
142 31.2 24.5 36.7
249 31.1 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

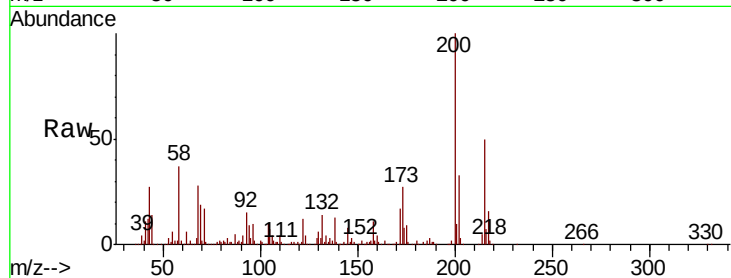




#69
Atrazine
Concen: 39.299 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.5	47.5
215	49.8	29.9	69.9

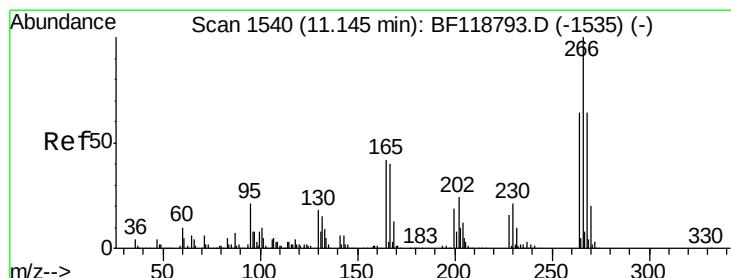
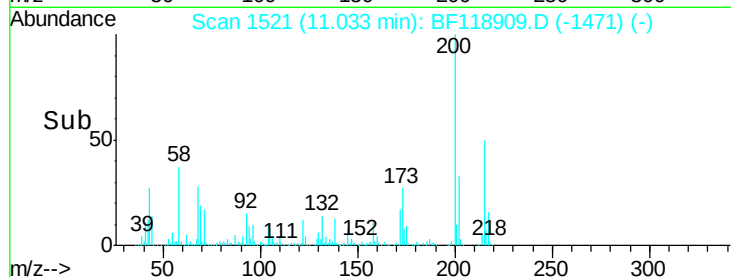
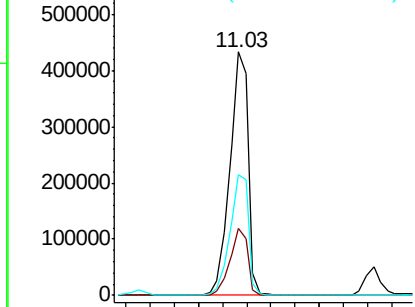


Abundance

Ion 200.00 (199.70 to 200.70): E

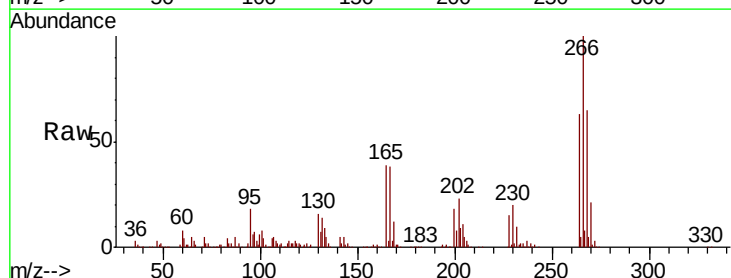
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 34.719 ng
RT: 11.14 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.0	76.6
264	63.4	51.4	77.2

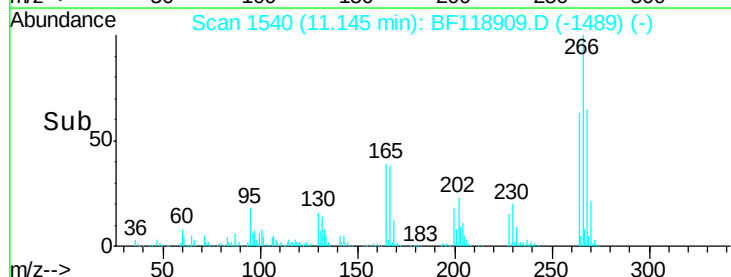
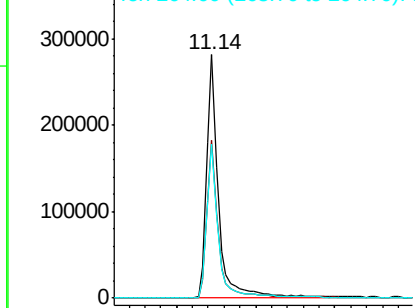


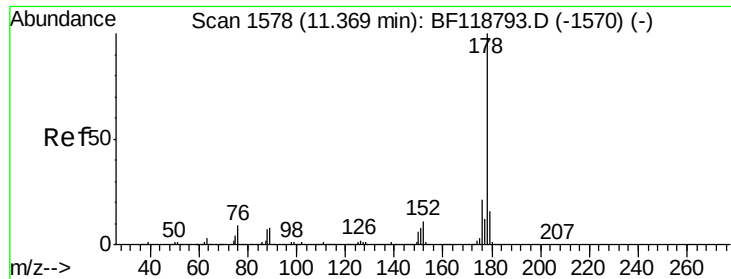
Abundance

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

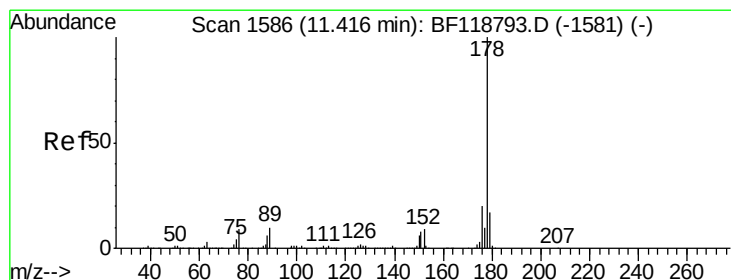
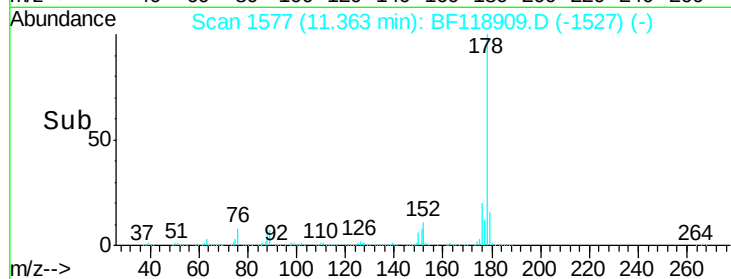
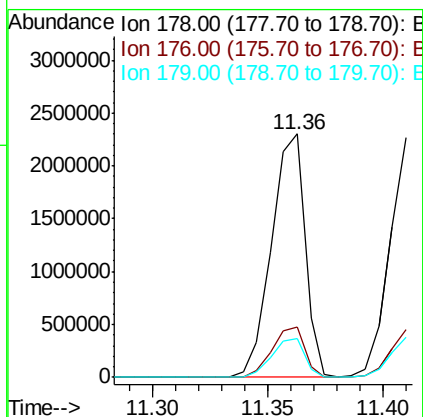
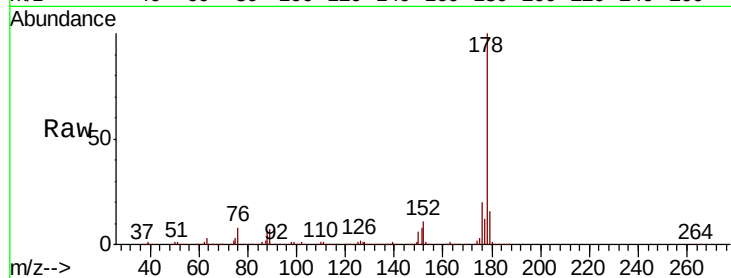




#71
Phenanthrene
Concen: 39.248 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

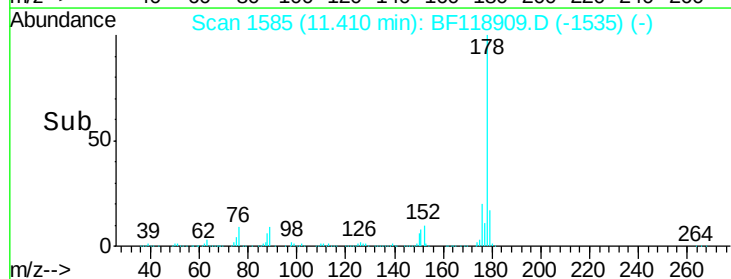
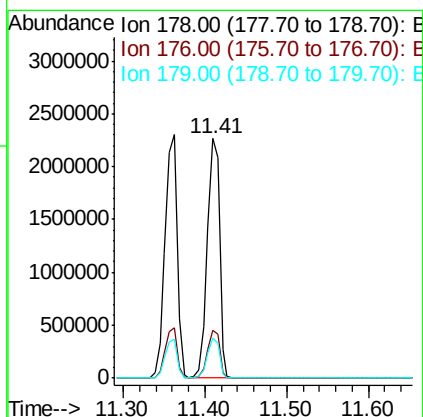
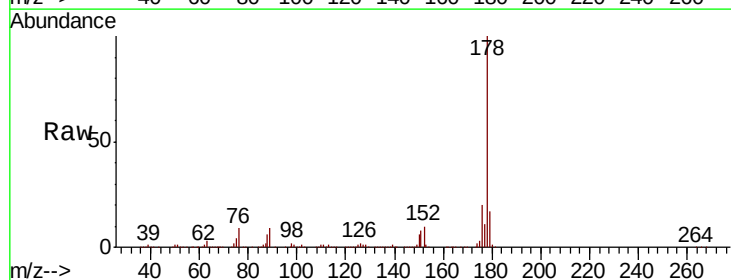
Instrument :
BNA_F
ClientSampleId :

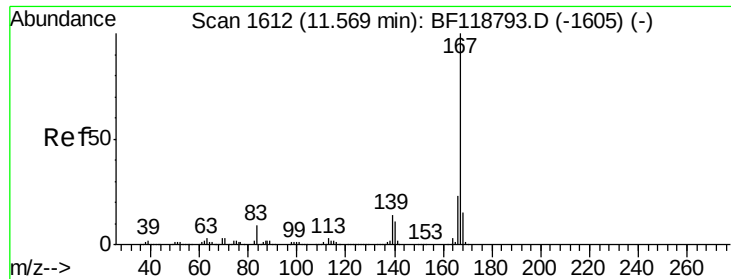
Tot Ion:178 Resp: 2325655
Ion Ratio Lower Upper
178 100
176 20.4 16.6 24.8
179 16.1 13.2 19.8



#72
Anthracene
Concen: 40.037 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Tgt Ion:178 Resp: 2360141
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.2
179 16.9 13.4 20.2



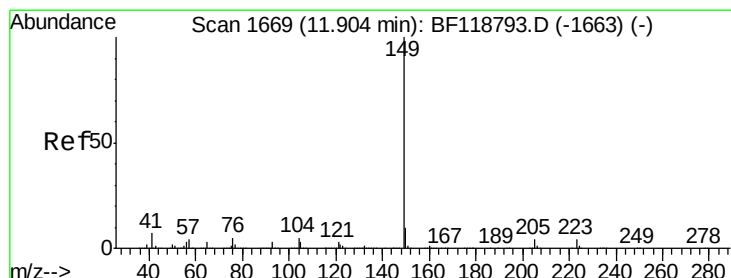
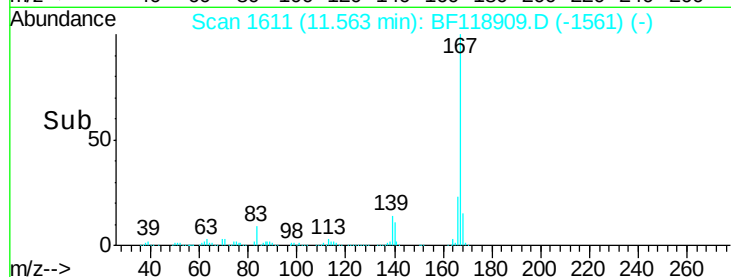
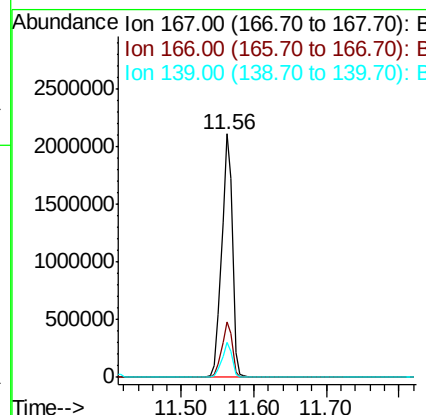
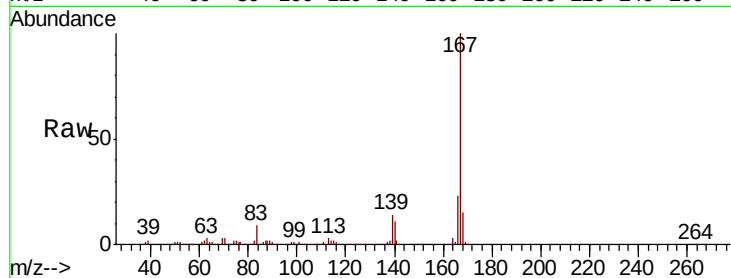


#73
 Carbazole
 Concen: 41.917 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF118909.D
 Acq: 12 Feb 2020 10:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 2168527

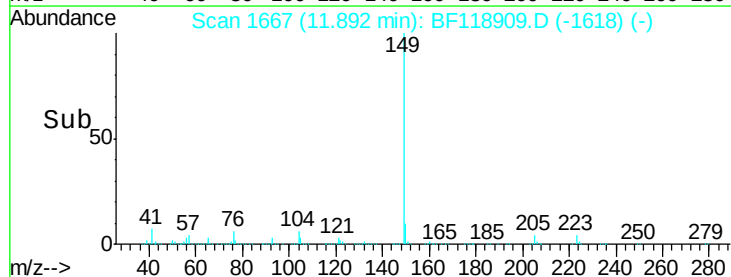
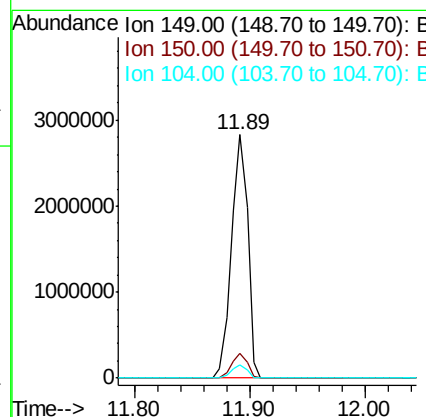
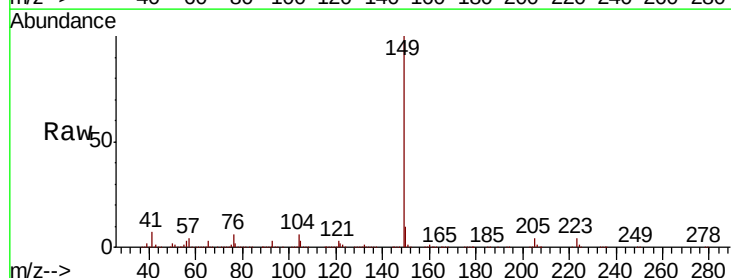
Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.4	27.6
139	14.3	11.1	16.7

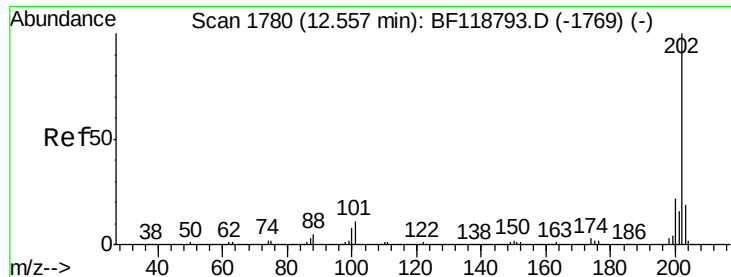


#74
 Di-n-butylphthalate
 Concen: 41.784 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BF118909.D
 Acq: 12 Feb 2020 10:52

Tgt Ion:149 Resp: 2753699

Ion	Ratio	Lower	Upper
149	100		
150	10.4	8.1	12.1
104	5.6	4.3	6.5

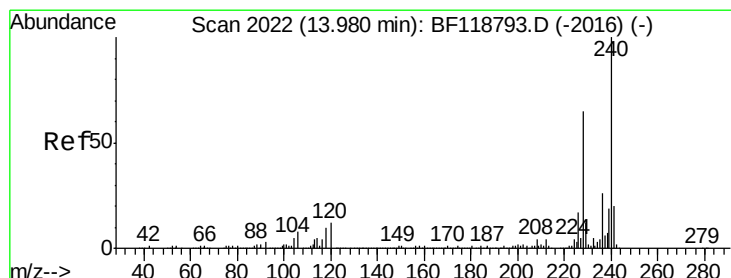
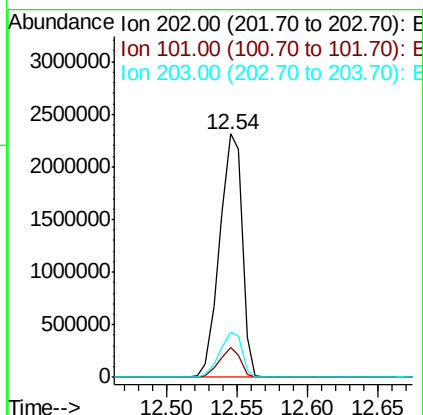
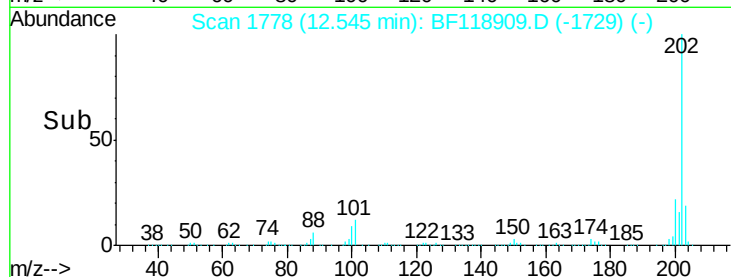
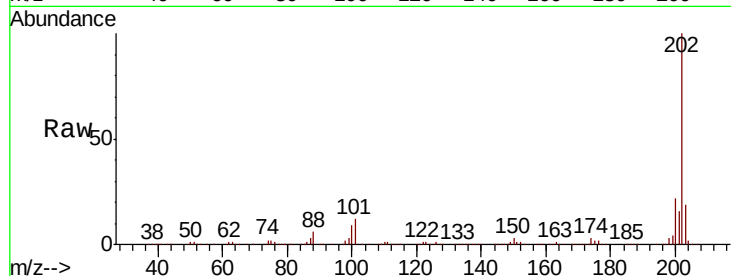




#75
Fluoranthene
Concen: 39.500 ng
RT: 12.54 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

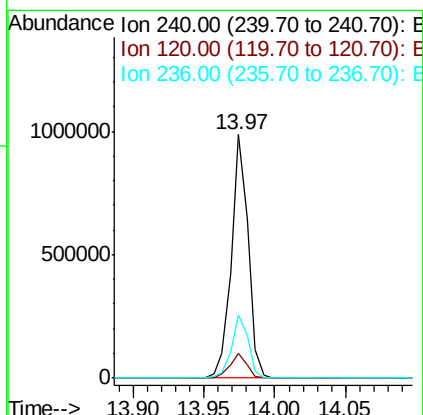
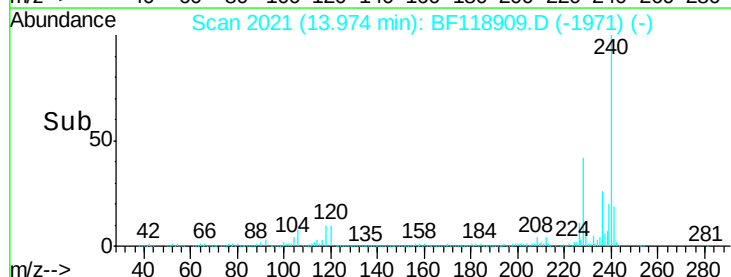
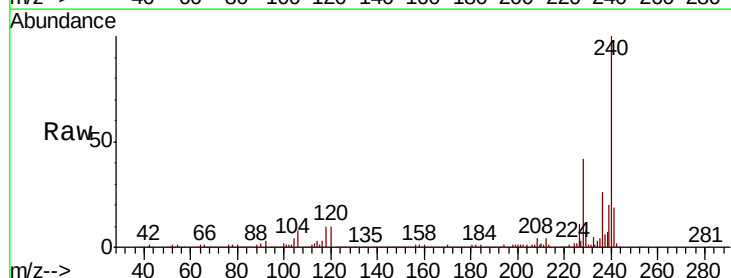
Instrument :
BNA_F
ClientSampled :

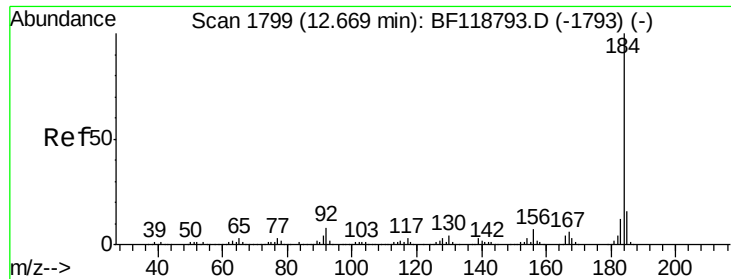
Tot Ion:202 Resp: 2555553
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.0
203 18.7 0.0 38.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Tgt Ion:240 Resp: 815744
Ion Ratio Lower Upper
240 100
120 10.4 9.4 14.0
236 26.0 21.0 31.6





#77

Benzidine

Concen: 45.942 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

Instrument :

BNA_F

ClientSampleId :

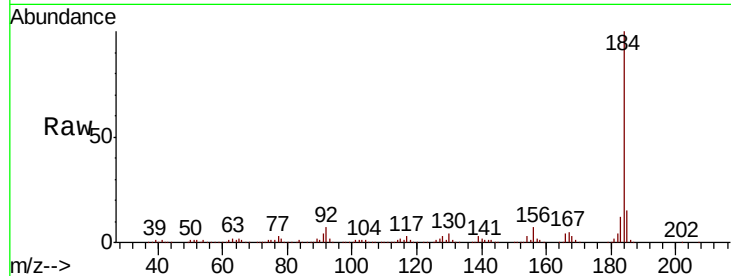
Tot Ion:184 Resp: 1133523

Ion Ratio Lower Upper

184 100

185 14.7 12.5 18.7

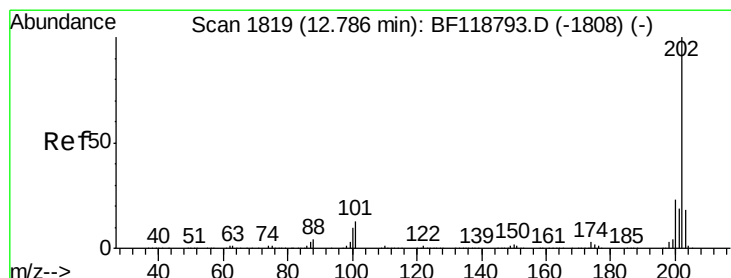
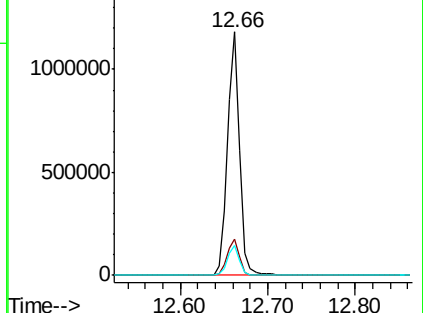
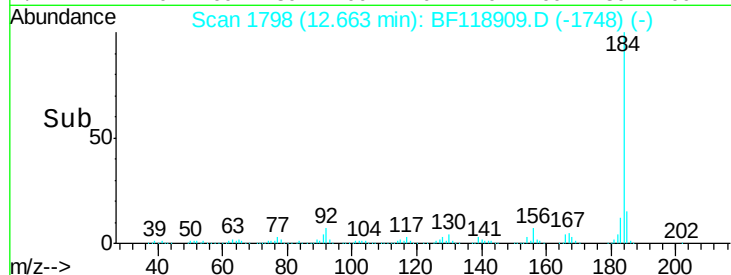
183 12.2 9.7 14.5



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: 45.349 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

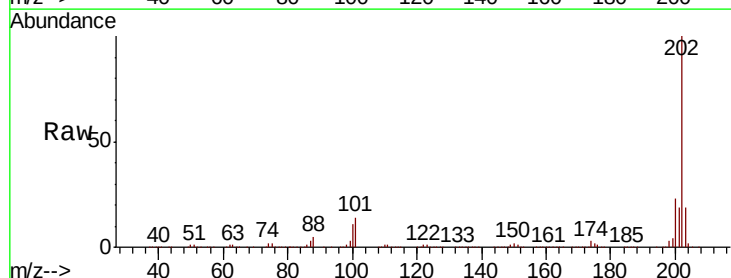
Tgt Ion:202 Resp: 2537841

Ion Ratio Lower Upper

202 100

200 22.8 18.2 27.2

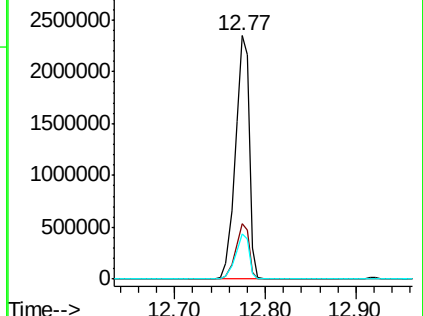
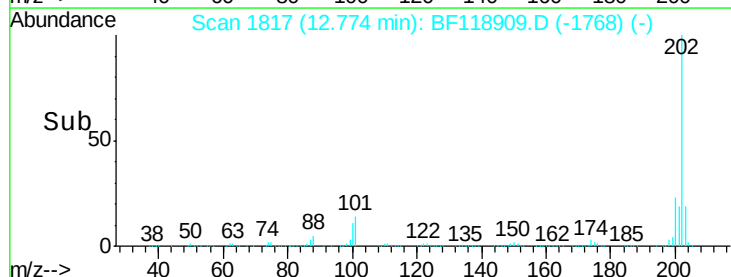
203 18.8 14.8 22.2

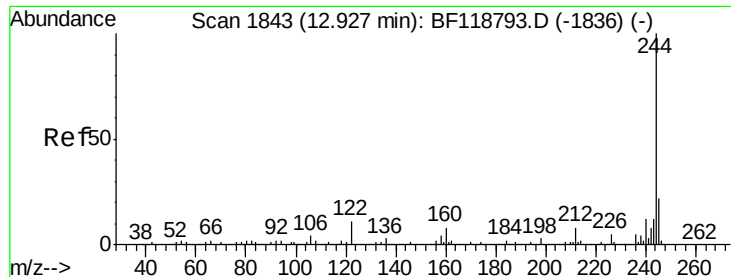


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

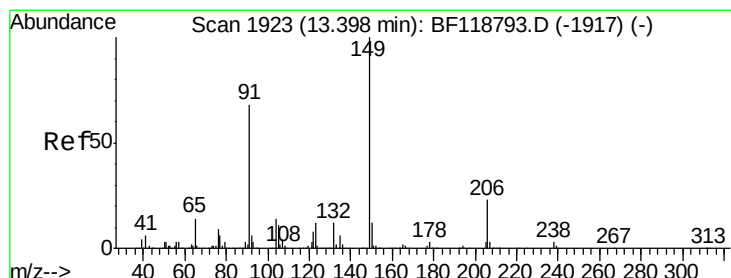
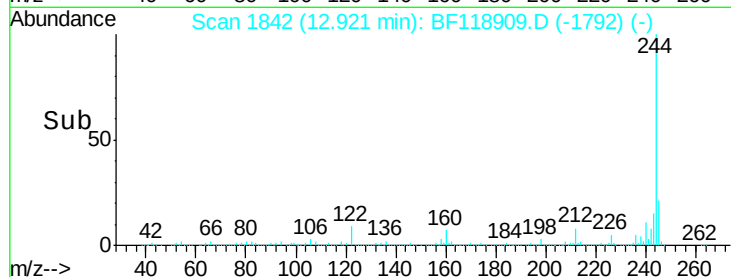
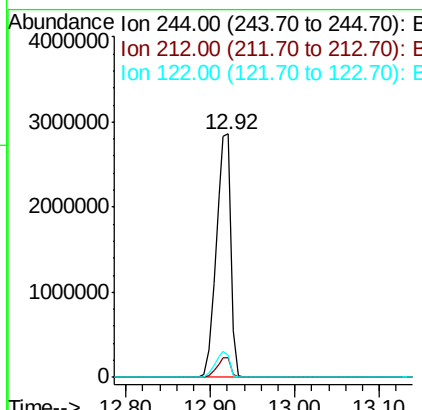
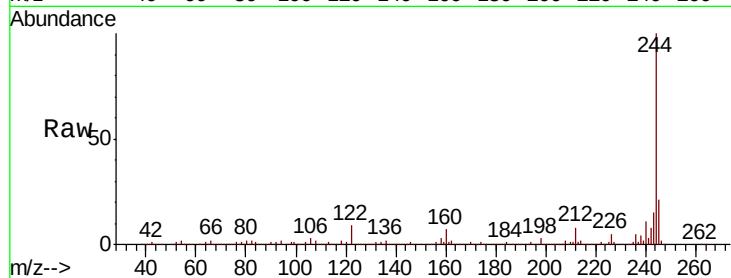




#79
 Terphenyl-d14
 Concen: 88.159 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: BF118909.D
 Acq: 12 Feb 2020 10:52

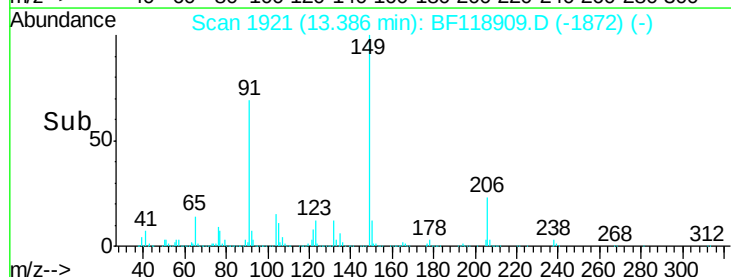
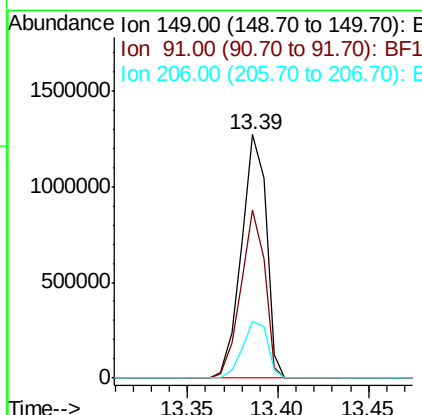
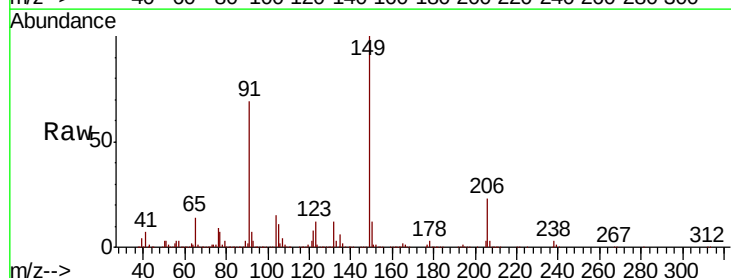
Instrument :
 BNA_F
 ClientSampleId :

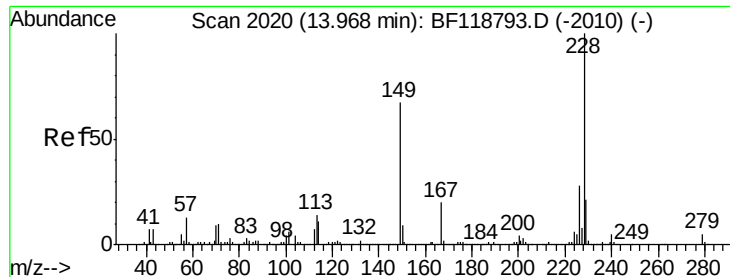
Tot Ion:244 Resp: 3501166
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 9.2 8.9 13.3



#80
 Butylbenzylphthalate
 Concen: 47.474 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BF118909.D
 Acq: 12 Feb 2020 10:52

Tgt Ion:149 Resp: 1212614
 Ion Ratio Lower Upper
 149 100
 91 69.3 54.7 82.1
 206 23.3 18.5 27.7





#81

Benzo(a)anthracene

Concen: 43.930 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

Instrument :

BNA_F

ClientSampled :

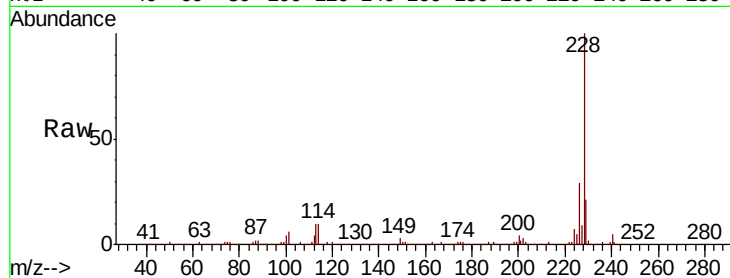
Tot Ion:228 Resp: 2132456

Ion Ratio Lower Upper

228 100

226 28.6 22.7 34.1

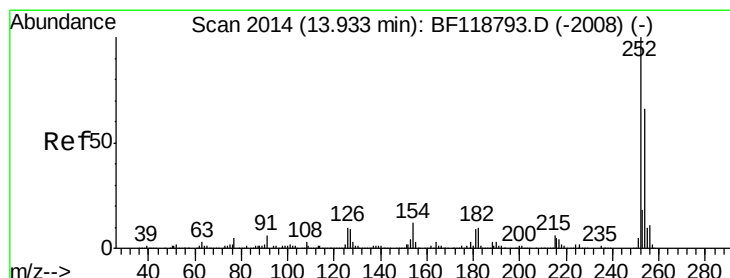
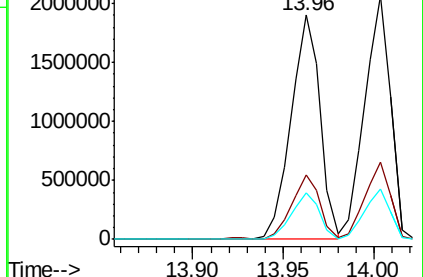
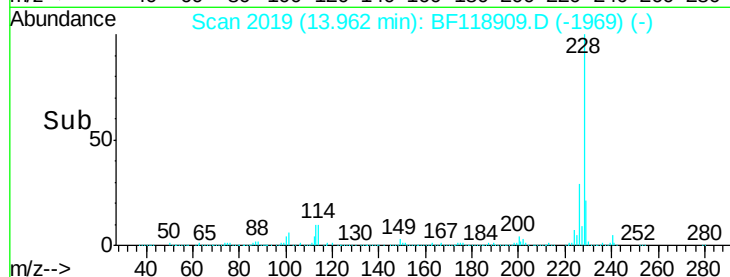
229 20.6 16.6 25.0



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: 44.408 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

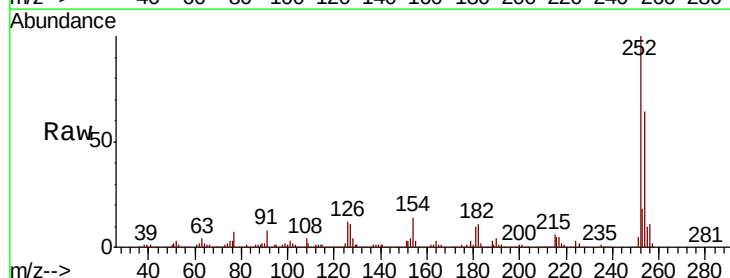
Tgt Ion:252 Resp: 881645

Ion Ratio Lower Upper

252 100

254 64.5 52.4 78.6

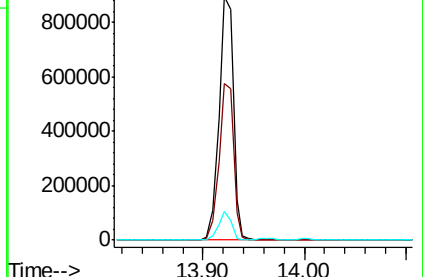
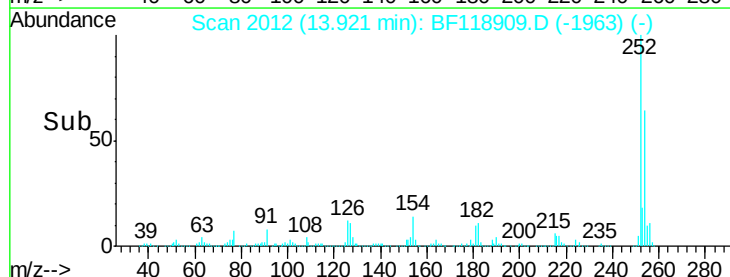
126 11.7 7.8 11.8

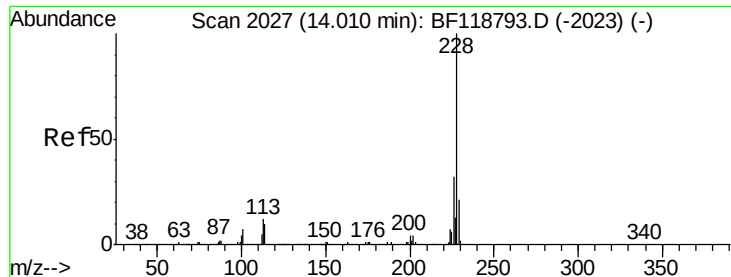


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.255 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

Instrument :

BNA_F

ClientSampleId :

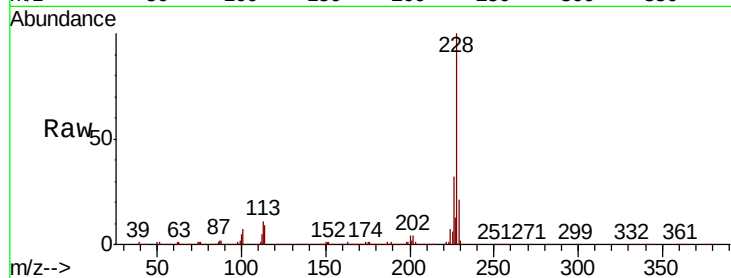
Tot Ion:228 Resp: 2058635

Ion Ratio Lower Upper

228 100

226 31.8 25.4 38.0

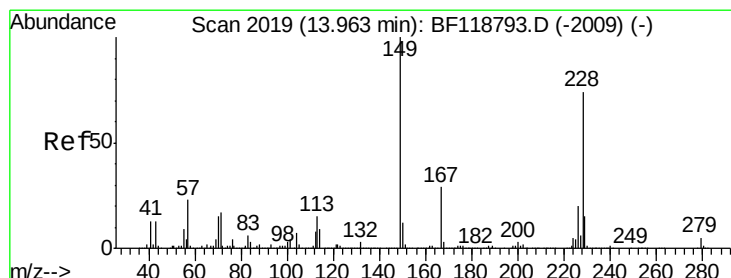
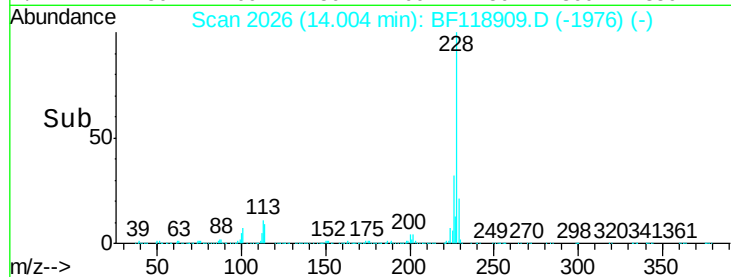
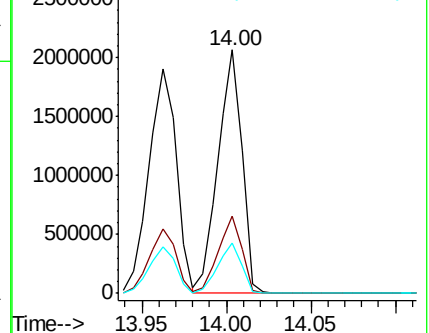
229 20.9 16.9 25.3



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: 49.376 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

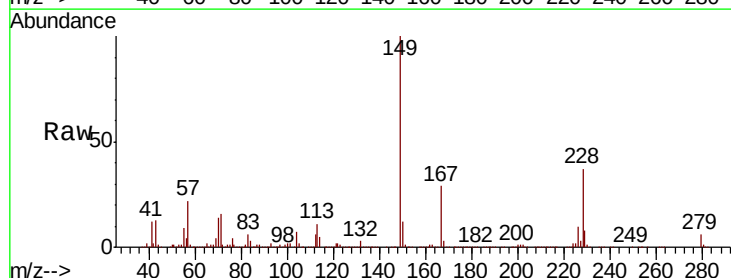
Tgt Ion:149 Resp: 1600095

Ion Ratio Lower Upper

149 100

167 29.2 23.0 34.6

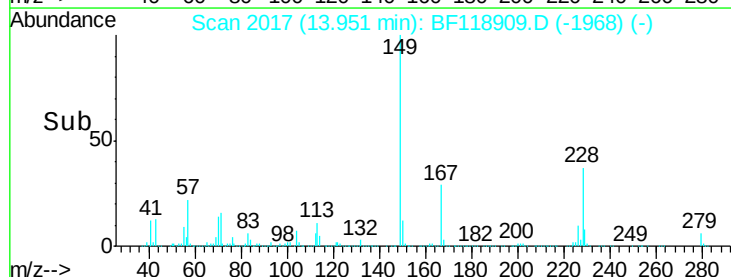
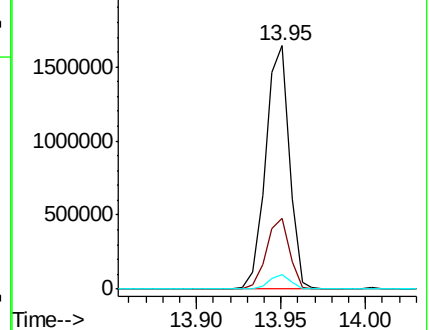
279 6.1 4.4 6.6

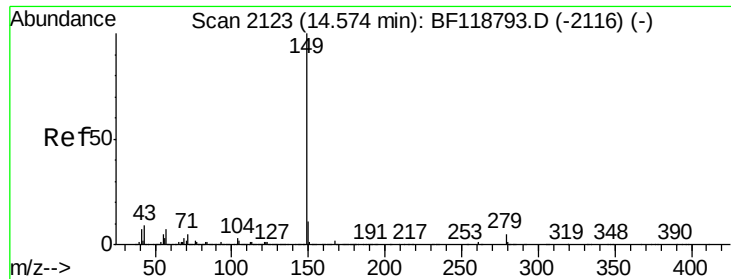


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.881 ng

RT: 14.56 min Scan# 2120

Delta R.T. -0.02 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

Instrument :

BNA_F

ClientSampleId :

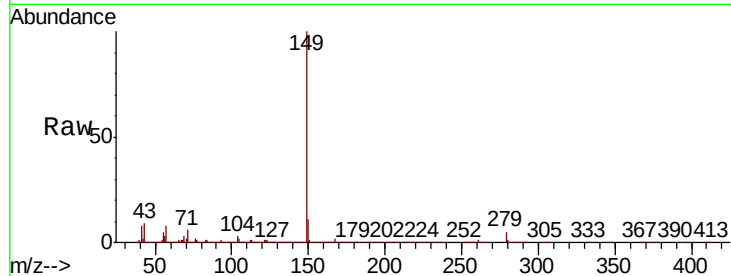
Tot Ion:149 Resp: 2491669

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

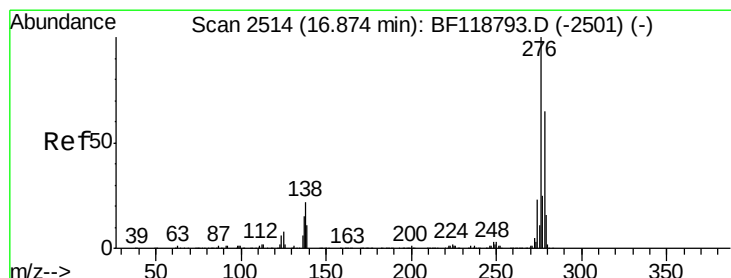
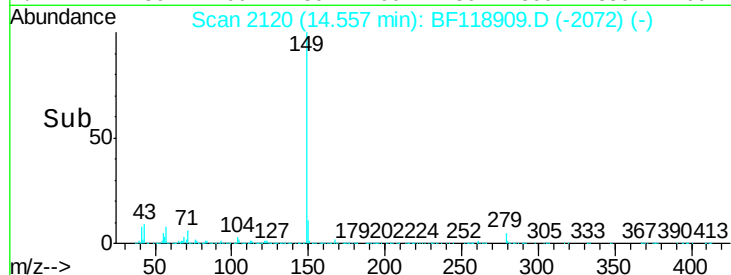
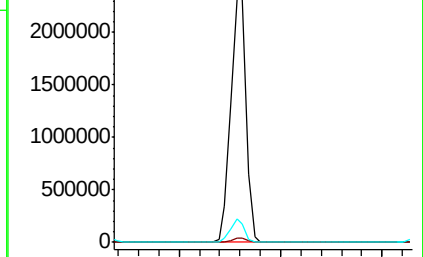
43 8.7 6.6 10.0



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: 39.720 ng

RT: 16.88 min Scan# 2515

Delta R.T. 0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

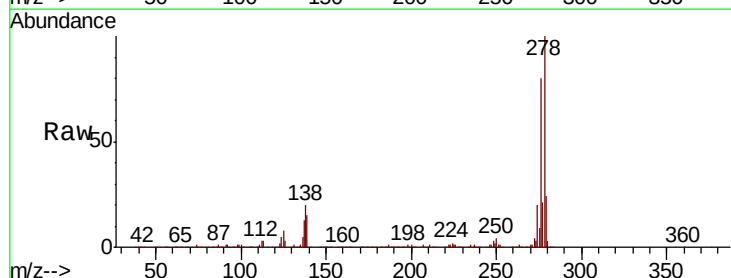
Tgt Ion:276 Resp: 1944243

Ion Ratio Lower Upper

276 100

138 22.5 18.3 27.5

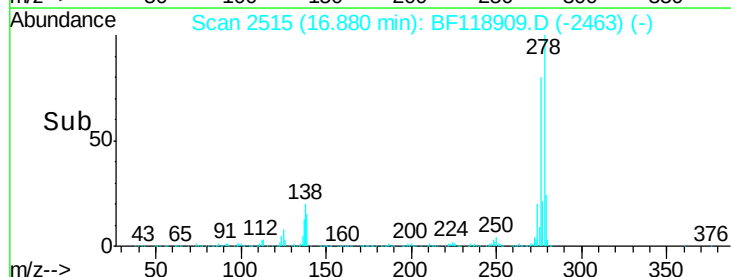
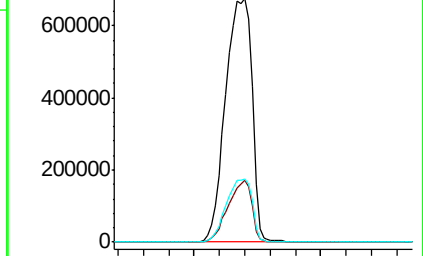
277 25.4 20.2 30.4

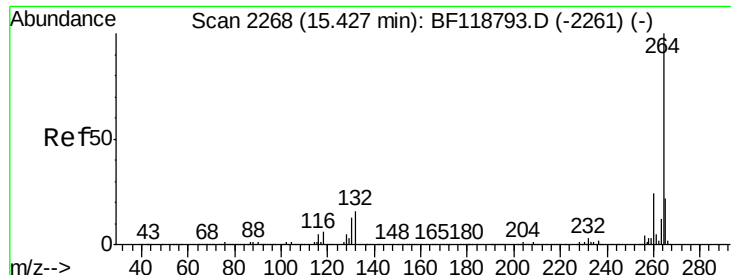


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

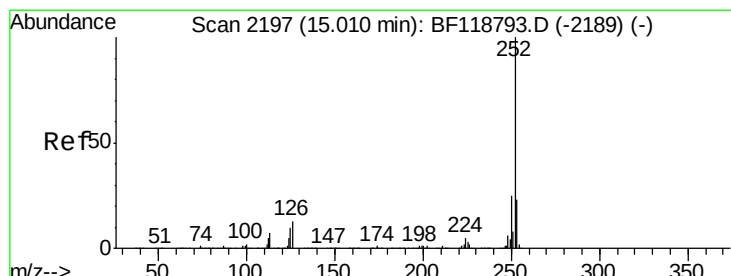
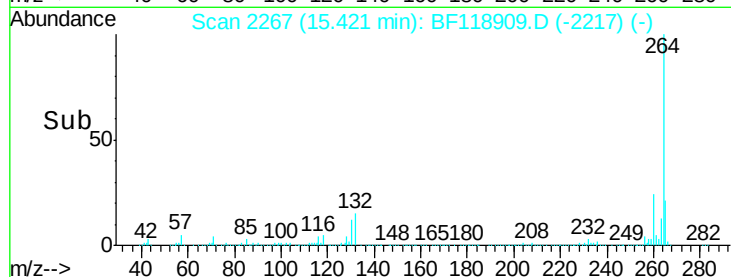
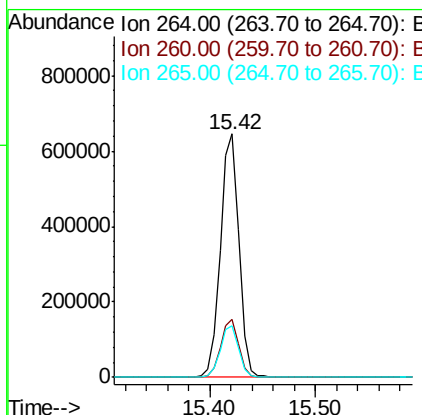
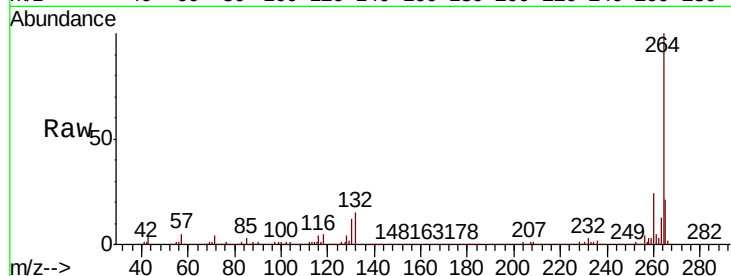




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

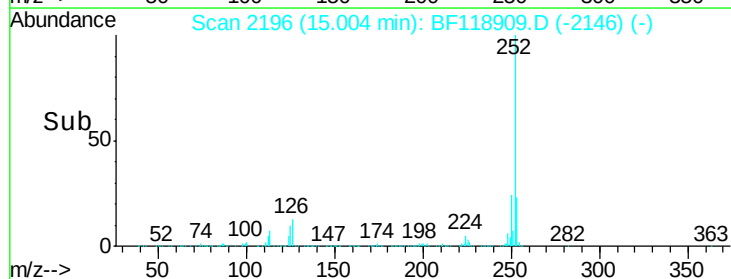
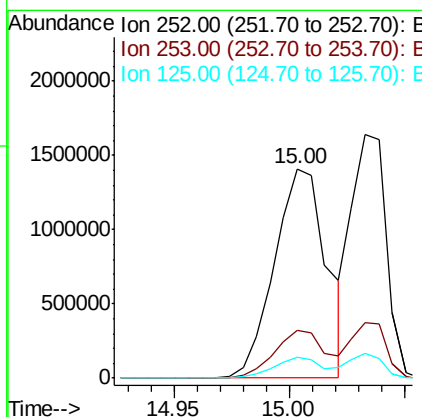
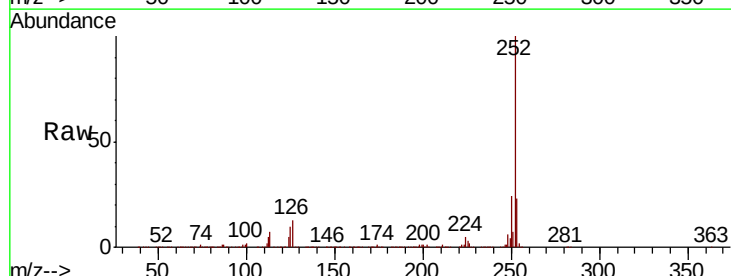
Instrument :
BNA_F
ClientSampleId :

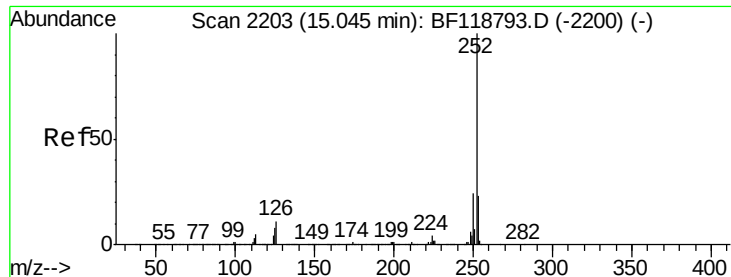
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	21.3	17.2	25.8



#88
Benzo(b)fluoranthene
Concen: 44.884 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	9.7	8.1	12.1

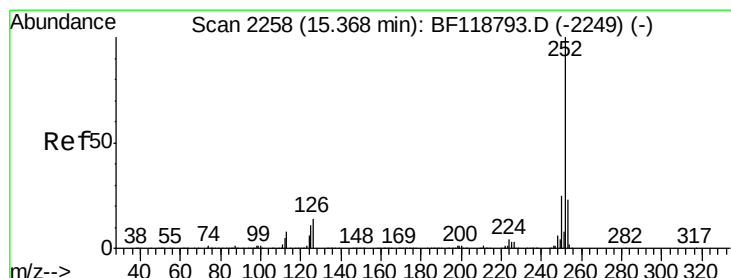
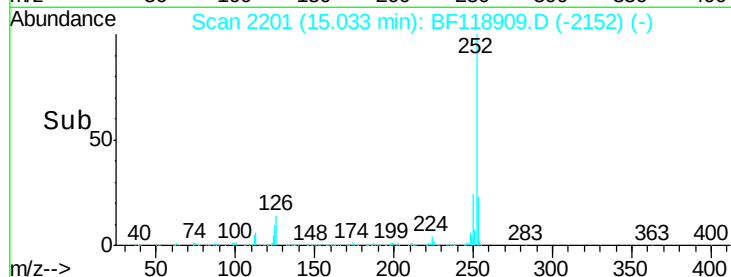
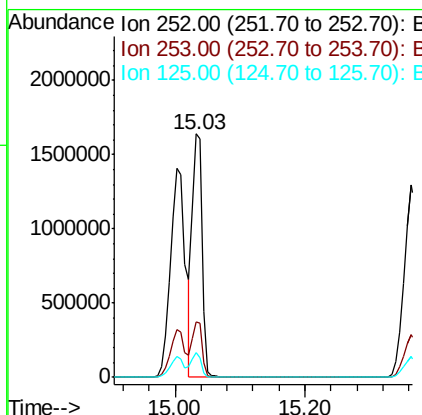
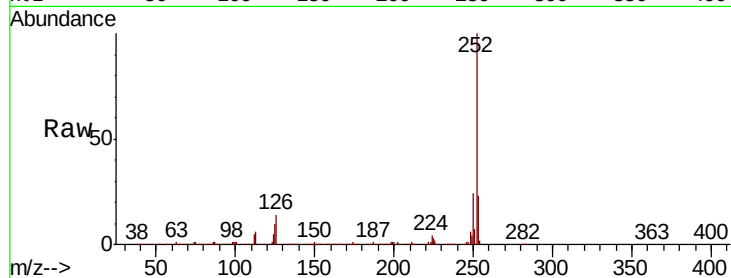




#89
Benzo(k)fluoranthene
Concen: 40.487 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

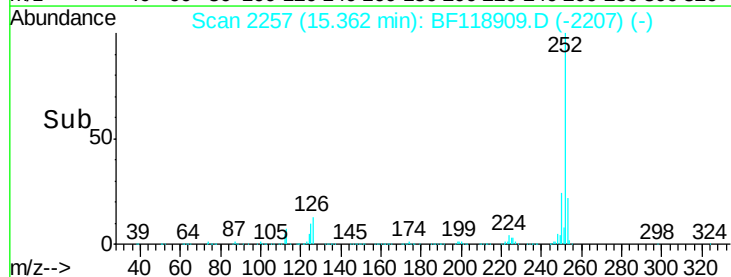
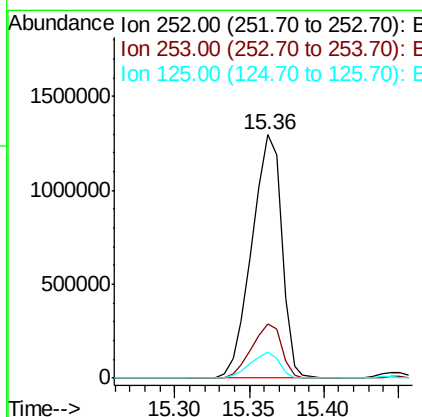
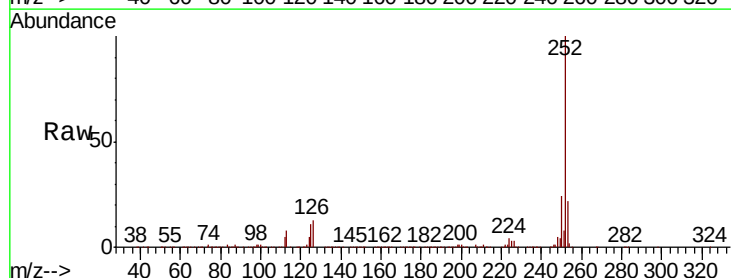
Instrument :
BNA_F
ClientSampled :

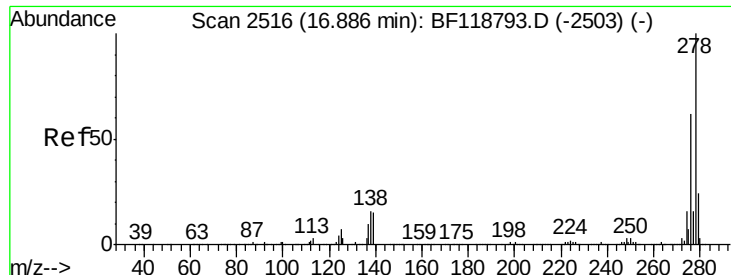
Tot Ion:252 Resp: 1738213
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.4
125 10.0 7.0 10.6



#90
Benzo(a)pyrene
Concen: 42.557 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Tgt Ion:252 Resp: 1795645
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 10.7 8.7 13.1



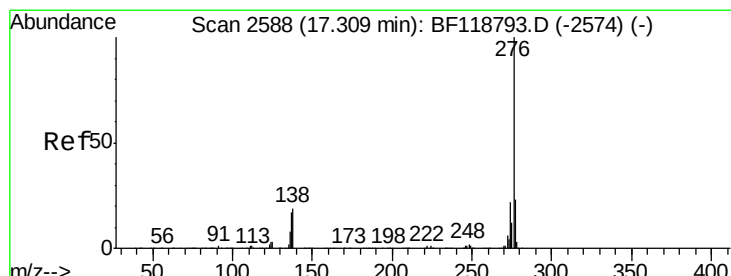
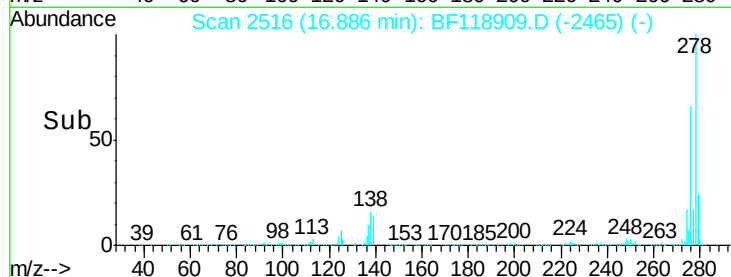
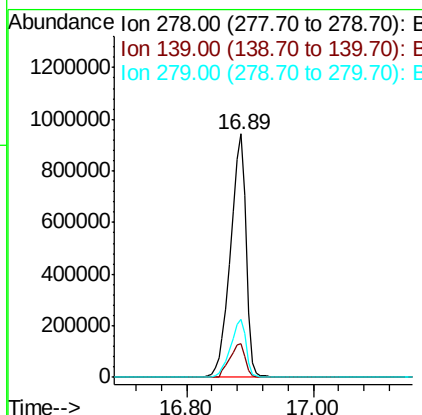
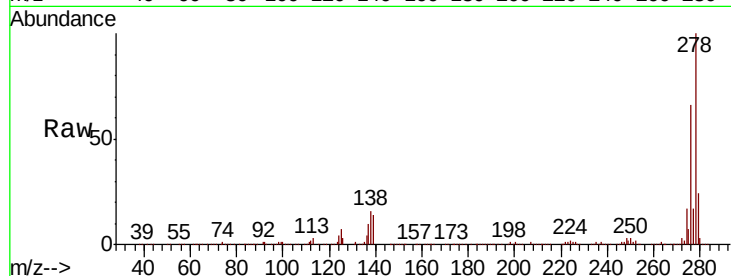


#91
Dibenzo(a,h)anthracene
Concen: 42.350 ng
RT: 16.89 min Scan# 2516
Delta R.T. -0.00 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1586306

Ion	Ratio	Lower	Upper
278	100		
139	13.9	12.3	18.5
279	23.9	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 43.186 ng
RT: 17.31 min Scan# 2588
Delta R.T. -0.00 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Tgt Ion:276 Resp: 1555673

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.7	28.1
138	19.4	15.4	23.2

