

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020720\
 Data File : BF118845.D
 Acq On : 7 Feb 2020 10:15
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 08 03:34:29 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	6.82	152	271911	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1012979	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	571333	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	1033858	20.00	ng	0.00
76) Chrysene-d12	13.98	240	699670	20.00	ng	0.00
87) Perylene-d12	15.43	264	702321	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	1242871	86.52	ng	0.00
7) Phenol-d6	6.46	99	1559877	87.48	ng	0.00
23) Nitrobenzene-d5	7.39	82	1454320	85.57	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	571460	83.59	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	2766870	86.58	ng	0.00
79) Terphenyl-d14	12.93	244	3080549	90.44	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.54	88	271635	41.494	ng	100
3) Pyridine	3.29	79	760263	41.823	ng	99
4) n-Nitrosodimethylamine	3.23	42	279700	42.262	ng	97
6) Aniline	6.48	93	987554	43.001	ng	95
8) 2-Chlorophenol	6.61	128	708161	44.261	ng	98
9) Benzaldehyde	6.37	77	428726	42.643	ng	100
10) Phenol	6.47	94	849272	42.834	ng	91
11) bis(2-Chloroethyl)ether	6.56	93	661470	43.607	ng	99
12) 1,3-Dichlorobenzene	6.76	146	824669	43.302	ng	98
13) 1,4-Dichlorobenzene	6.84	146	829999	43.692	ng	98
14) 1,2-Dichlorobenzene	6.99	146	761863	41.983	ng	98
15) Benzyl Alcohol	6.96	79	612037	44.405	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	804147	43.289	ng	98
17) 2-Methylphenol	7.07	107	583171	43.841	ng	99
18) Hexachloroethane	7.33	117	294747	43.230	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	467335	42.834	ng	97
20) 3+4-Methylphenols	7.23	107	672071	40.308	ng	91
22) Acetophenone	7.23	105	939228	42.676	ng	97
24) Nitrobenzene	7.40	77	730915	43.051	ng	95
25) Isophorone	7.65	82	1279282	41.884	ng	98
26) 2-Nitrophenol	7.72	139	394965	43.658	ng	99
27) 2,4-Dimethylphenol	7.76	122	519463	42.270	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	856359	43.238	ng	99
29) 2,4-Dichlorophenol	7.96	162	634100	43.085	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	734867	42.719	ng	100
31) Naphthalene	8.12	128	1972344	42.572	ng	100
32) Benzoic acid	7.89	122	416613	40.945	ng	96
33) 4-Chloroaniline	8.17	127	882767	42.589	ng	99
34) Hexachlorobutadiene	8.25	225	448182	42.525	ng	99
35) Caprolactam	8.55	113	200590	42.043	ng	98
36) 4-Chloro-3-methylphenol	8.66	107	639465	43.175	ng	100
37) 2-Methylnaphthalene	8.82	142	1362843	42.414	ng	98
38) 1-Methylnaphthalene	8.92	142	1291528	42.728	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	742976	43.088	ng	99

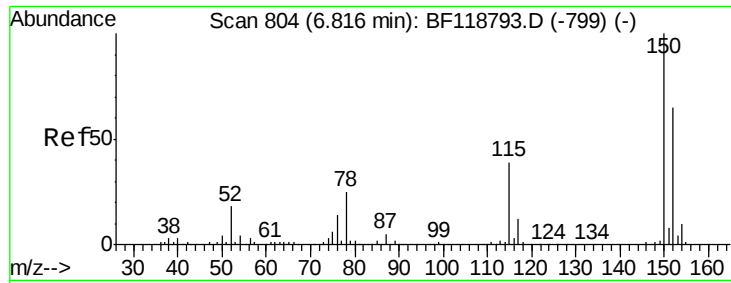
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 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	244660	36.185	ng	100
43) 2,4,6-Trichlorophenol	9.09	196	487248	42.257	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	511756	43.436	ng	95
46) 1,1'-Biphenyl	9.28	154	1715444	43.405	ng	99
47) 2-Chloronaphthalene	9.30	162	1423984	43.341	ng	99
48) 2-Nitroaniline	9.40	65	416914	43.996	ng	95
49) Acenaphthylene	9.72	152	2054091	43.299	ng	100
50) Dimethylphthalate	9.58	163	1681896	43.234	ng	99
51) 2,6-Dinitrotoluene	9.64	165	378696	42.544	ng	98
52) Acenaphthene	9.89	154	1262605	40.390	ng	99
53) 3-Nitroaniline	9.81	138	417562	42.299	ng	98
54) 2,4-Dinitrophenol	9.92	184	164552	38.454	ng	95
55) Dibenzofuran	10.06	168	1882188	41.663	ng	100
56) 4-Nitrophenol	9.97	139	278018	38.913	ng	98
57) 2,4-Dinitrotoluene	10.05	165	506999	43.040	ng	93
58) Fluorene	10.40	166	1404964	41.338	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.18	232	431283	41.916	ng	99
60) Diethylphthalate	10.27	149	1600615	42.313	ng	98
61) 4-Chlorophenyl-phenylether	10.40	204	757340	41.089	ng	98
62) 4-Nitroaniline	10.42	138	419072	42.391	ng	97
63) Azobenzene	10.56	77	1375374	42.588	ng	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	246109	42.364	ng	90
66) n-Nitrosodiphenylamine	10.52	169	1325405	44.258	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	531324	43.444	ng	96
68) Hexachlorobenzene	10.96	284	601942	42.910	ng	98
69) Atrazine	11.04	200	402625	40.355	ng	98
70) Pentachlorophenol	11.15	266	285583	38.556	ng	99
71) Phenanthrene	11.36	178	2161443	42.492	ng	99
72) Anthracene	11.42	178	2154422	42.574	ng	99
73) Carbazole	11.57	167	1926828	43.387	ng	99
74) Di-n-butylphthalate	11.90	149	2281725	40.332	ng	99
75) Fluoranthene	12.55	202	2229268	40.139	ng	99
77) Benzidine	12.67	184	859107	40.597	ng	99
78) Pyrene	12.78	202	2203918	45.916	ng	100
80) Butylbenzylphthalate	13.40	149	925631	42.250	ng	95
81) Benzo(a)anthracene	13.97	228	1825621	43.849	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	736847	43.271	ng	99
83) Chrysene	14.00	228	1800541	43.089	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1120746	40.321	ng	100
85) Di-n-octyl phthalate	14.57	149	1792252	37.639	ng	100
86) Indeno(1,2,3-cd)pyrene	16.87	276	1806533	43.029	ng	100
88) Benzo(b)fluoranthene	15.01	252	1781729	40.884	ng	98
89) Benzo(k)fluoranthene	15.04	252	1677039	44.191	ng	100
90) Benzo(a)pyrene	15.37	252	1590796	42.653	ng	99
91) Dibenzo(a,h)anthracene	16.89	278	1489287	44.981	ng	98
92) Benzo(g,h,i)perylene	17.30	276	1419892	44.592	ng	99

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

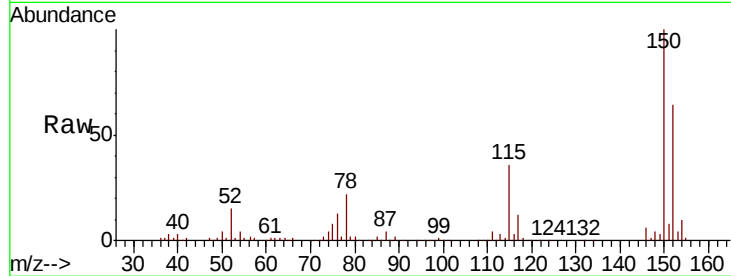


#1

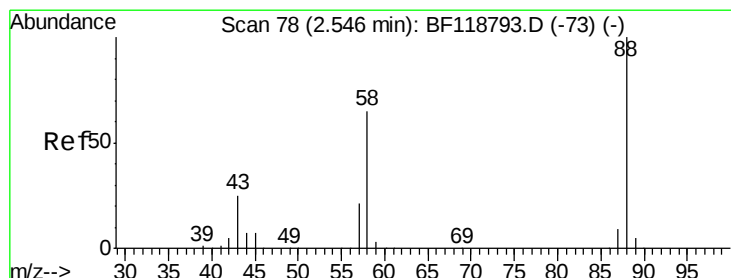
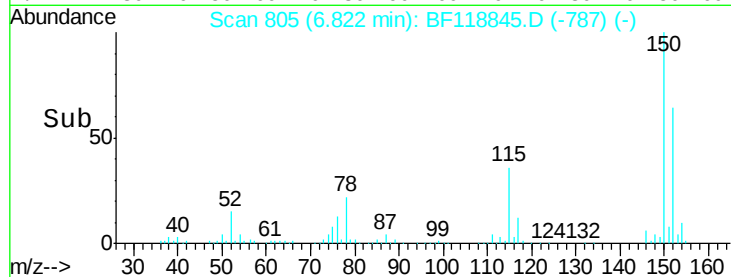
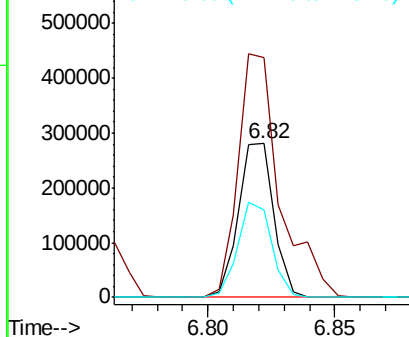
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.01 min
Lab File: BF118845.D
Acq: 7 Feb 2020 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 271911
Ion Ratio Lower Upper
152 100
150 156.5 123.6 185.4
115 57.0 48.2 72.2



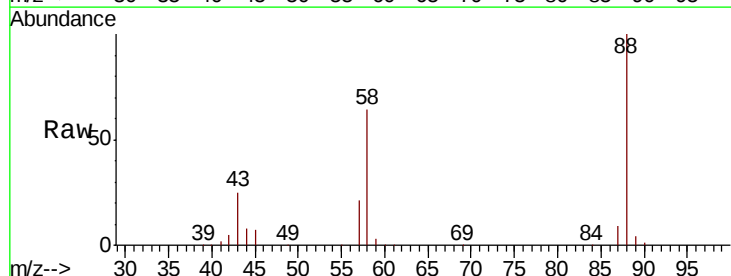
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



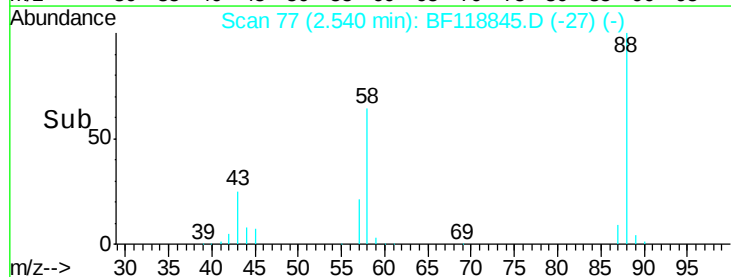
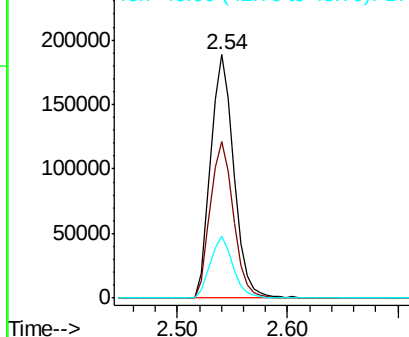
#2

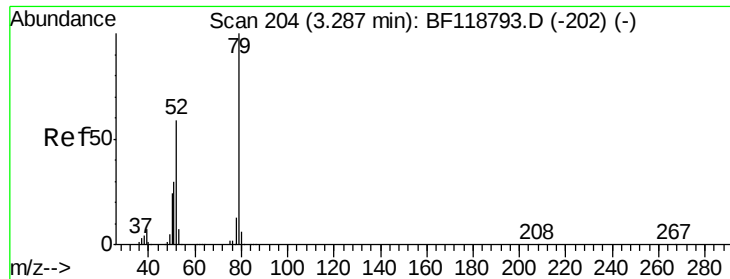
1,4-Dioxane
Concen: 41.494 ng
RT: 2.54 min Scan# 77
Delta R.T. -0.01 min
Lab File: BF118845.D
Acq: 7 Feb 2020 10:15

Tgt Ion: 88 Resp: 271635
Ion Ratio Lower Upper
88 100
58 64.4 51.6 77.4
43 24.8 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: 41.823 ng

RT: 3.29 min Scan# 204

Delta R.T. -0.00 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

Instrument :

BNA_F

ClientSampleId :

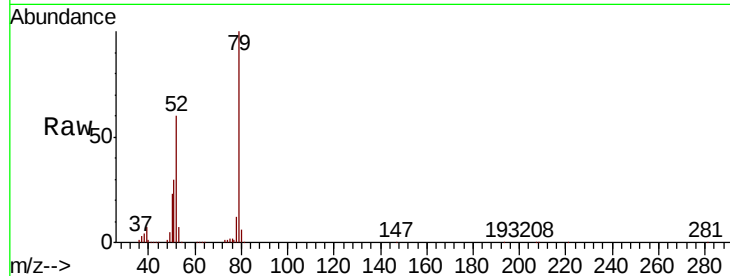
Tot Ion: 79 Resp: 760263

Ion Ratio Lower Upper

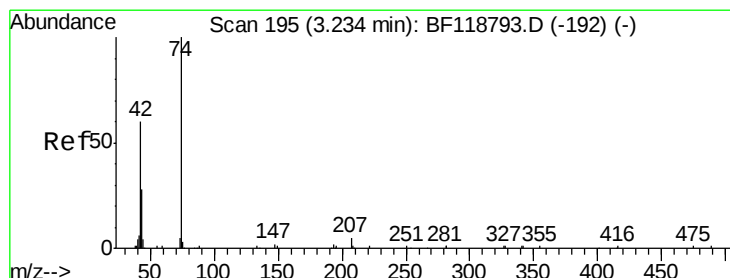
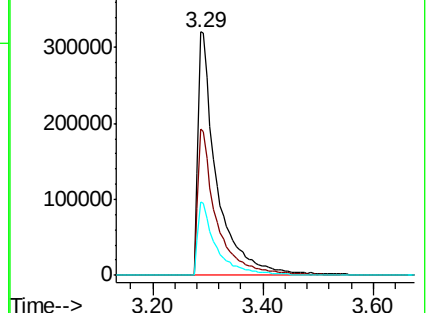
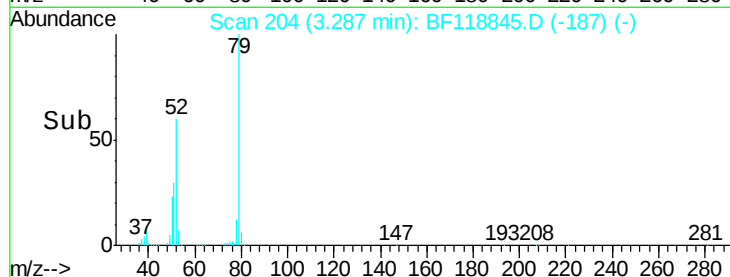
79 100

52 60.4 47.4 71.0

51 30.3 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: 42.262 ng

RT: 3.23 min Scan# 195

Delta R.T. -0.00 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

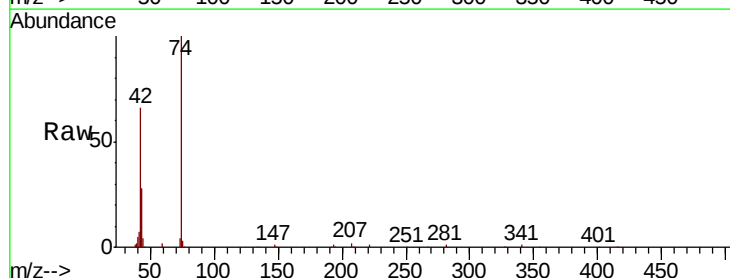
Tgt Ion: 42 Resp: 279700

Ion Ratio Lower Upper

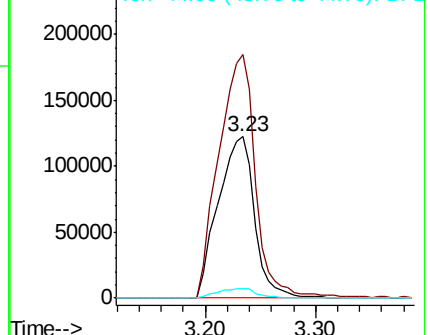
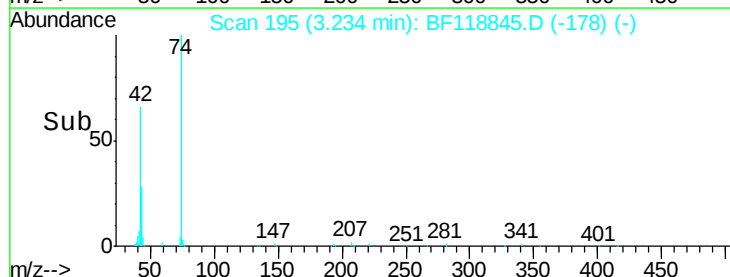
42 100

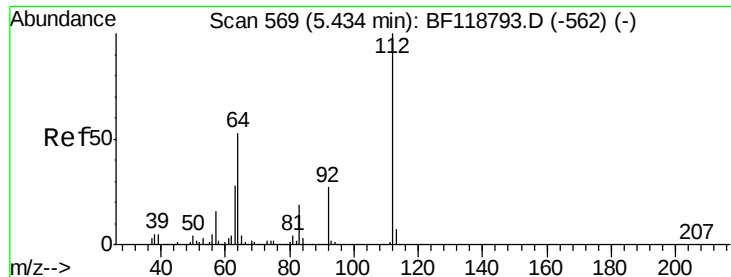
74 150.8 124.3 186.5

44 6.2 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: 86.523 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.01 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

Instrument :

BNA_F

ClientSampleId :

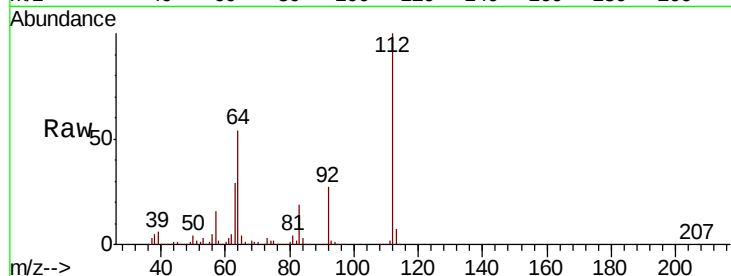
Tot Ion:112 Resp: 1242871

Ion Ratio Lower Upper

112 100

64 54.5 42.6 63.8

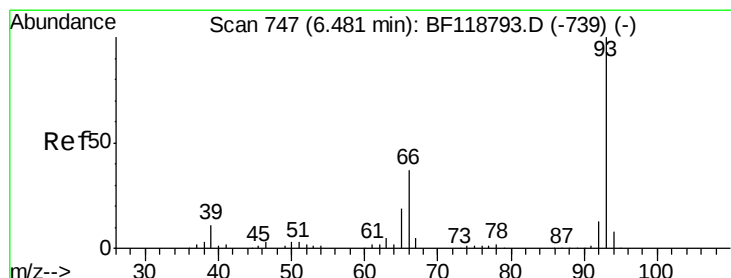
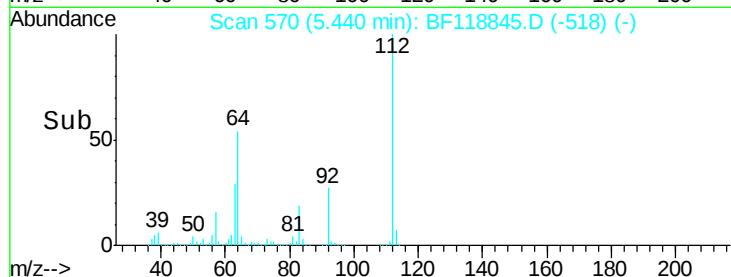
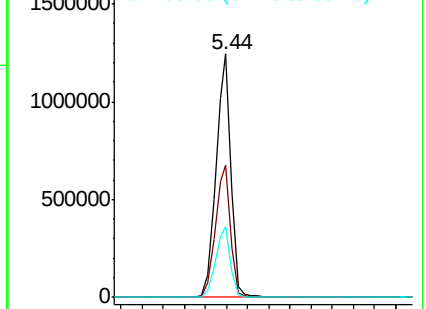
63 29.1 22.2 33.4



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: 43.001 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

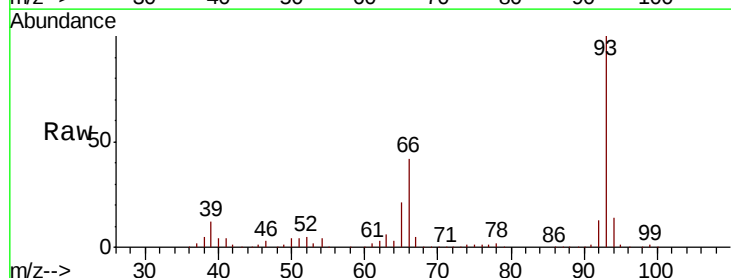
Tgt Ion: 93 Resp: 987554

Ion Ratio Lower Upper

93 100

66 42.2 30.8 46.2

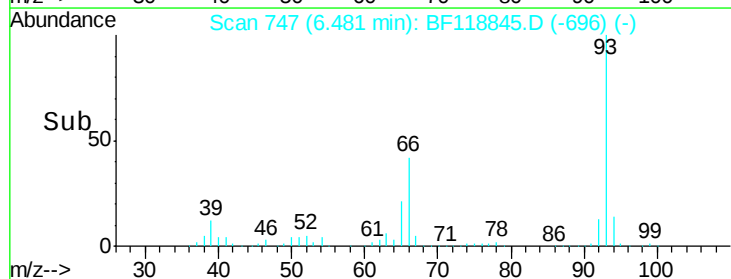
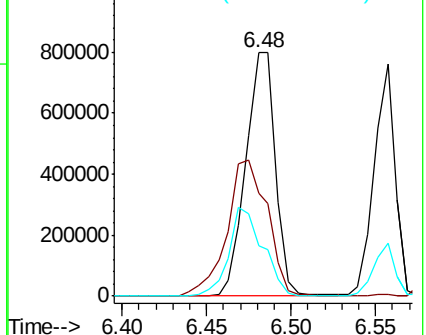
65 20.6 15.4 23.0

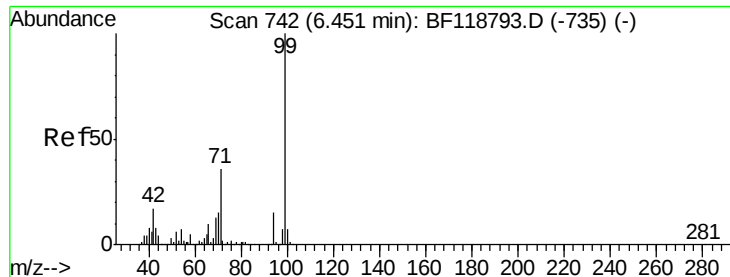


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 87.479 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

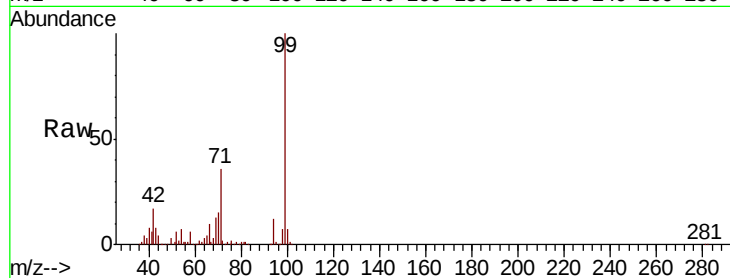
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1559877

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.4	20.0
71	36.4	29.0	43.6

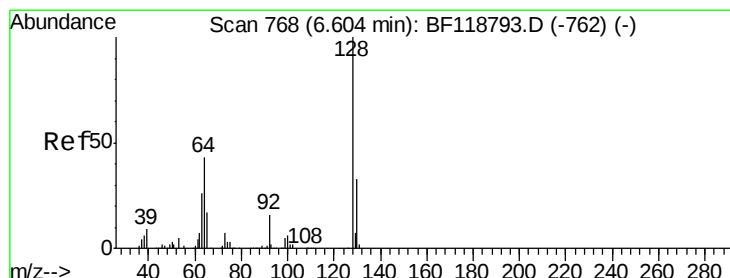
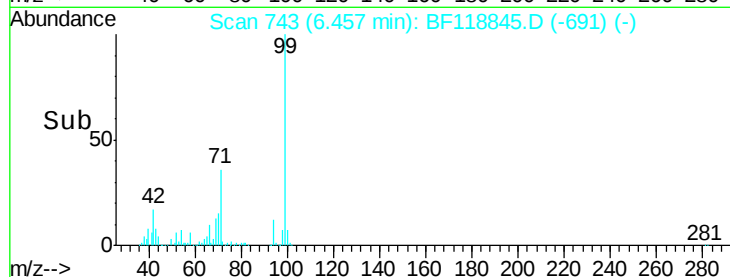
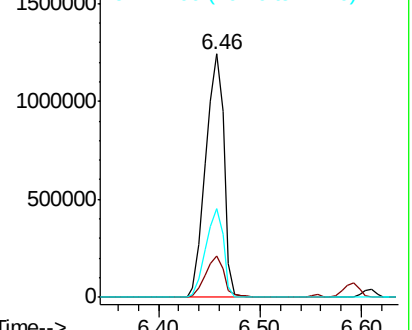


Abundance

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: 44.261 ng

RT: 6.61 min Scan# 769

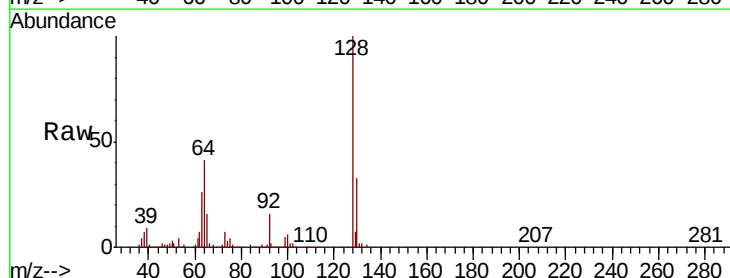
Delta R.T. 0.01 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

Tgt Ion: 128 Resp: 708161

Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.1	53.1
64	40.7	23.0	63.0

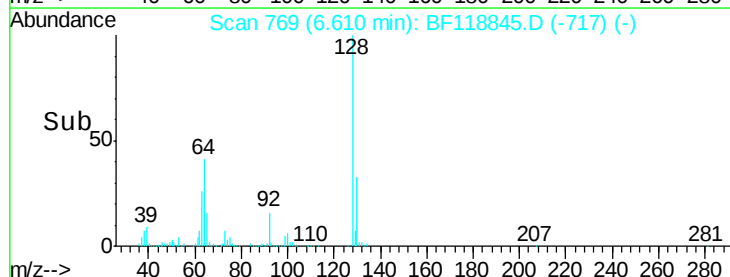
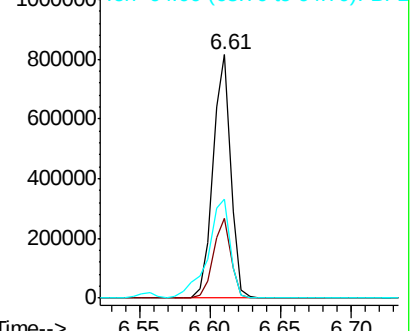


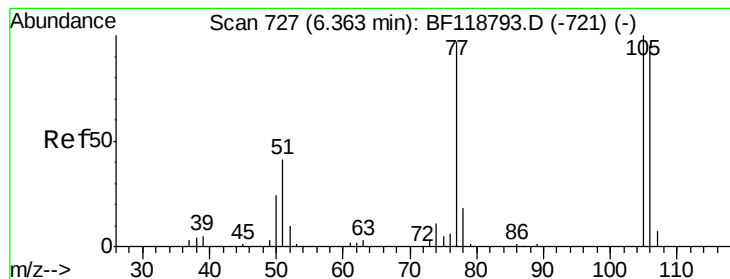
Abundance

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: 42.643 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

Instrument :

BNA_F

ClientSampled :

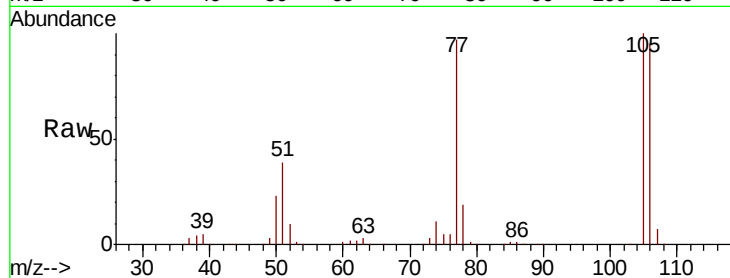
Tot Ion: 77 Resp: 428726

Ion Ratio Lower Upper

77 100

105 102.6 82.8 122.8

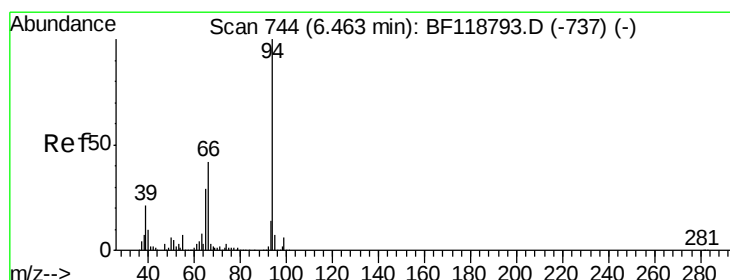
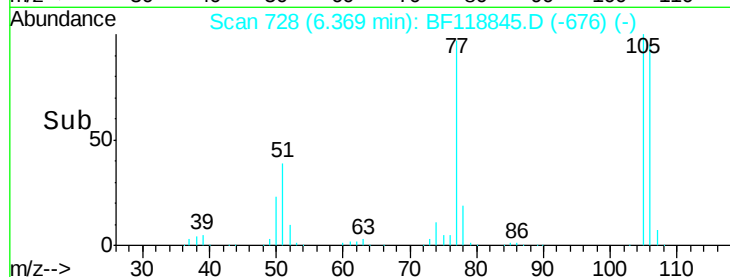
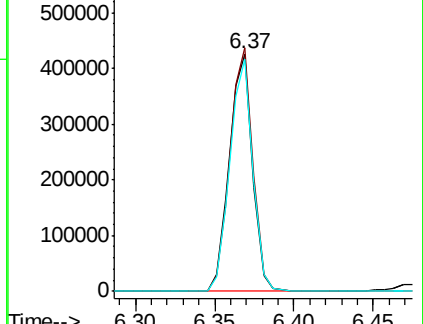
106 97.9 78.1 118.1



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: 42.834 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

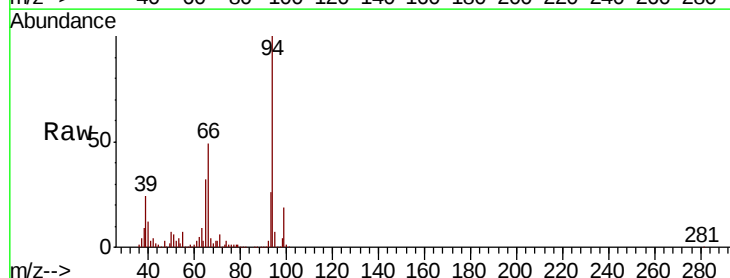
Tgt Ion: 94 Resp: 849272

Ion Ratio Lower Upper

94 100

65 32.5 9.1 49.1

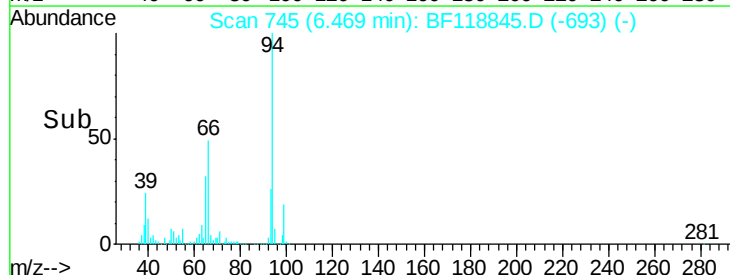
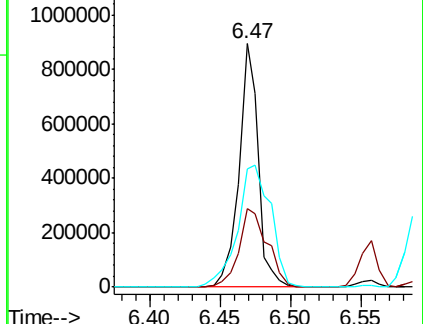
66 48.6 21.7 61.7

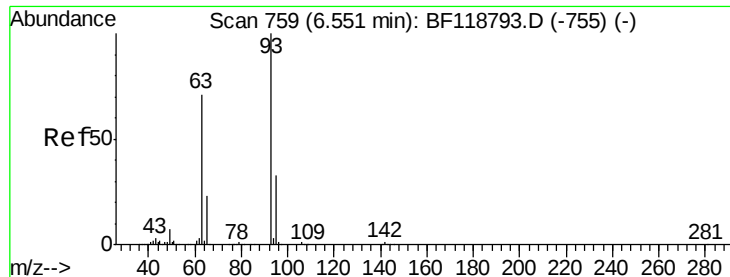


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 43.607 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

Instrument :

BNA_F

ClientSampleId :

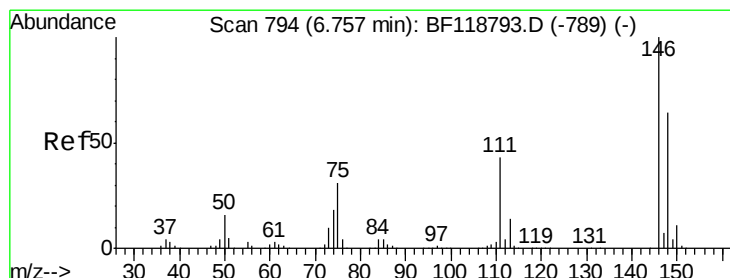
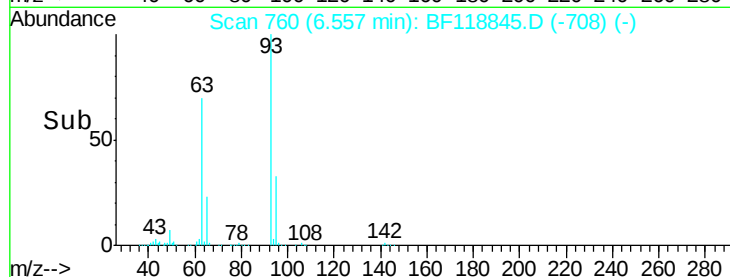
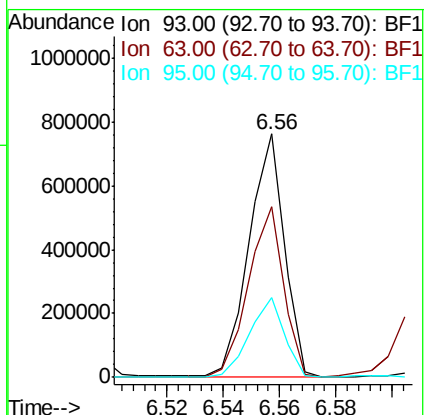
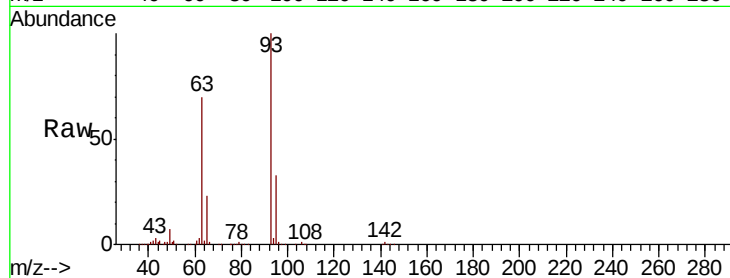
Tot Ion: 93 Resp: 661470

Ion Ratio Lower Upper

93 100

63 69.9 50.7 90.7

95 33.0 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 43.302 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.01 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

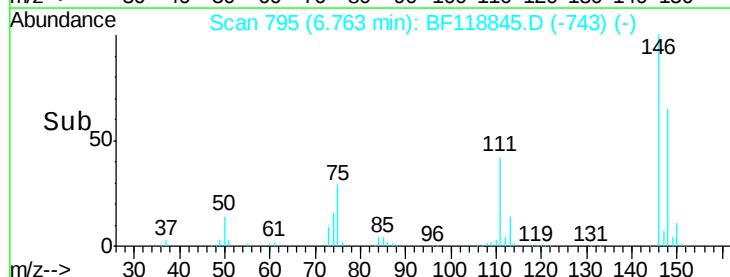
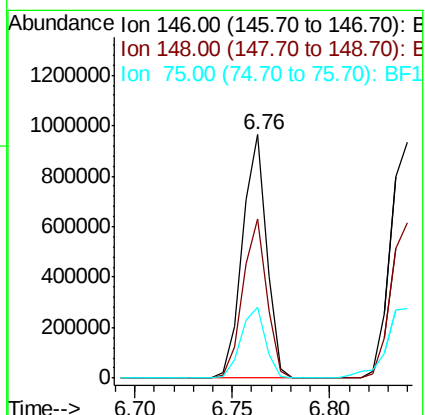
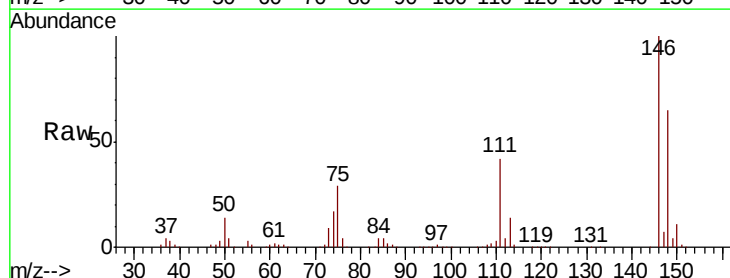
Tgt Ion: 146 Resp: 824669

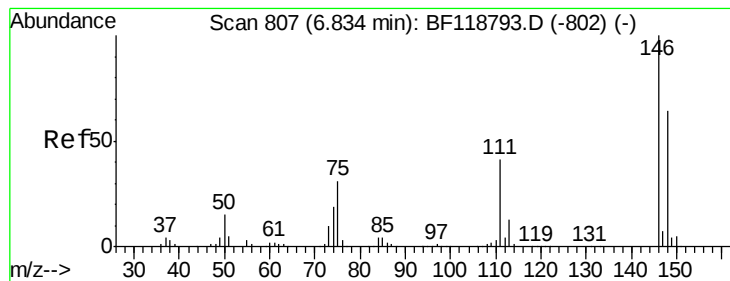
Ion Ratio Lower Upper

146 100

148 65.5 51.1 76.7

75 29.3 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 43.692 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.01 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

Instrument :

BNA_F

ClientSampled :

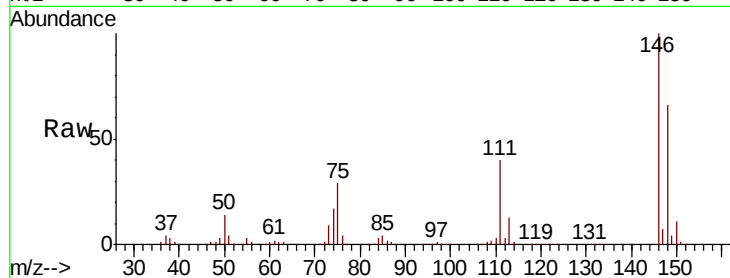
Tot Ion:146 Resp: 829999

Ion Ratio Lower Upper

146 100

148 65.7 51.6 77.4

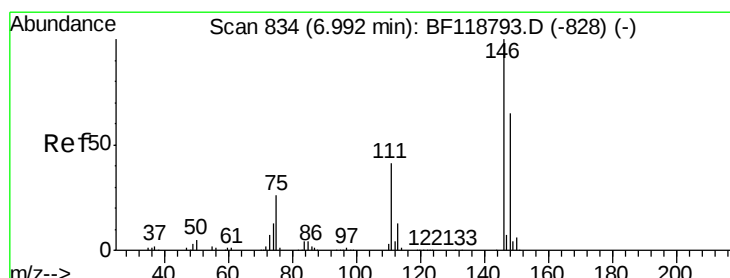
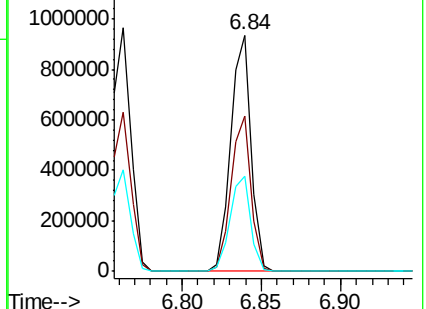
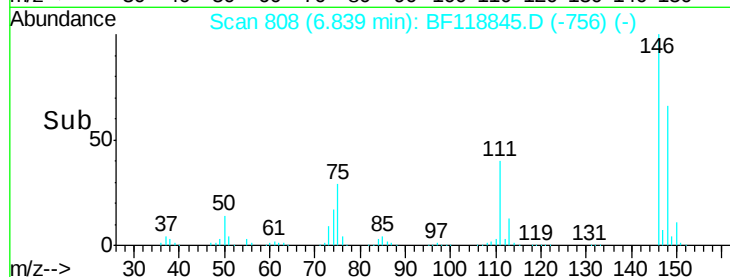
111 40.1 32.9 49.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.983 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

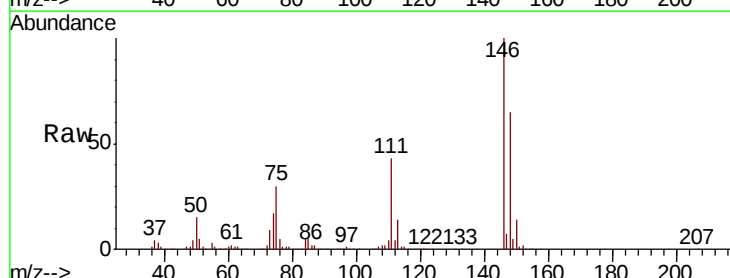
Tgt Ion:146 Resp: 761863

Ion Ratio Lower Upper

146 100

148 64.7 51.6 77.4

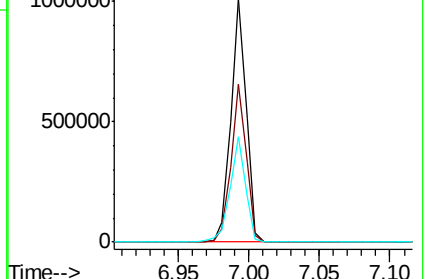
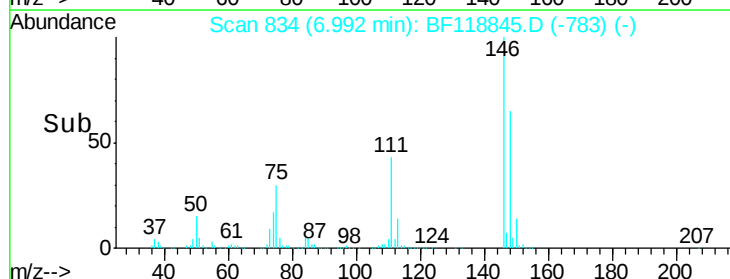
111 43.1 32.7 49.1

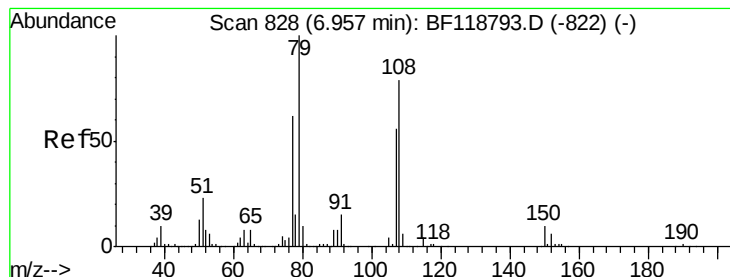


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.405 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

Instrument :

BNA_F

ClientSampleId :

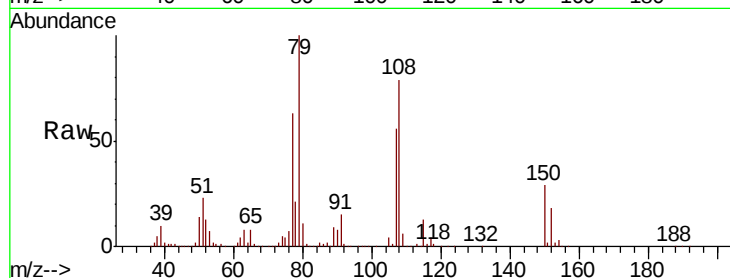
Tot Ion: 79 Resp: 612037

Ion Ratio Lower Upper

79 100

108 78.6 62.9 94.3

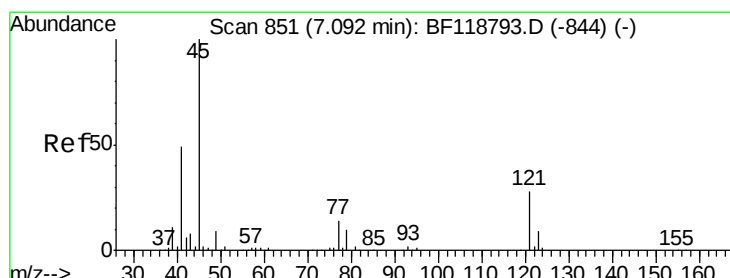
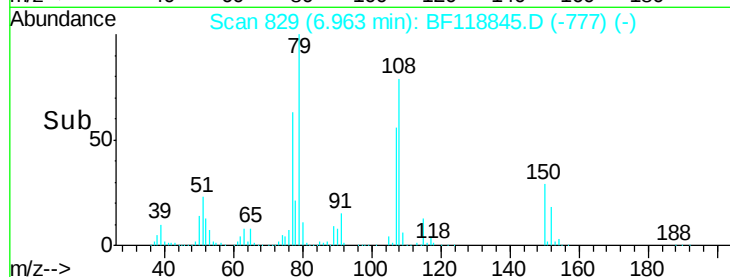
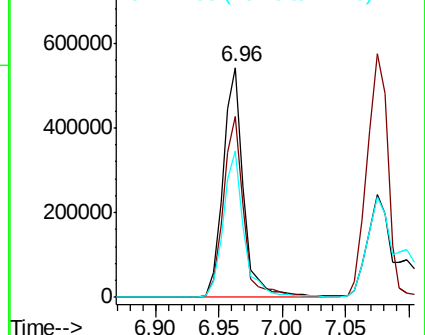
77 63.5 50.0 75.0



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: 43.289 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.01 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

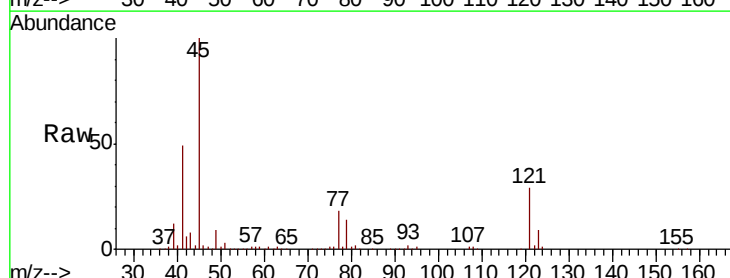
Tgt Ion: 45 Resp: 804147

Ion Ratio Lower Upper

45 100

77 17.8 0.0 37.1

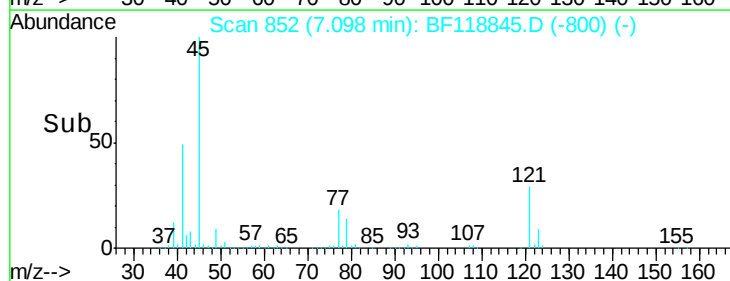
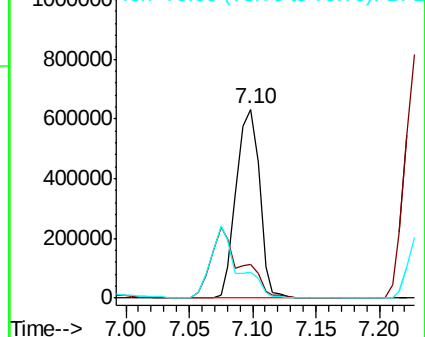
79 13.9 0.0 33.1

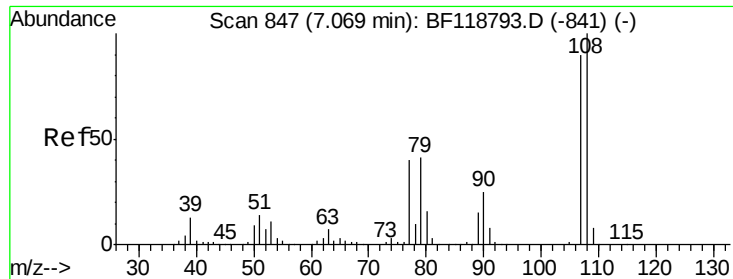


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

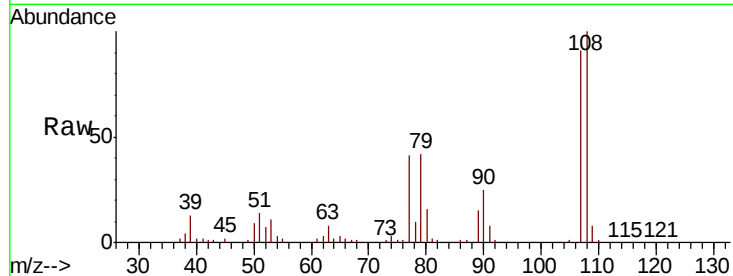




#17
2-Methylphenol
Concen: 43.841 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF118845.D
Acq: 7 Feb 2020 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	583171
Ion	Ratio	Lower	Upper
107	100		
108	109.9	89.3	133.9
77	45.3	36.2	54.2
79	46.4	36.3	54.5



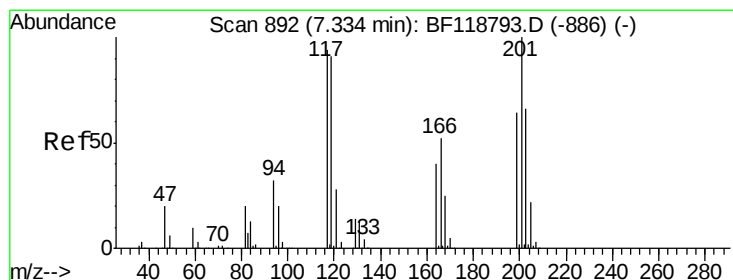
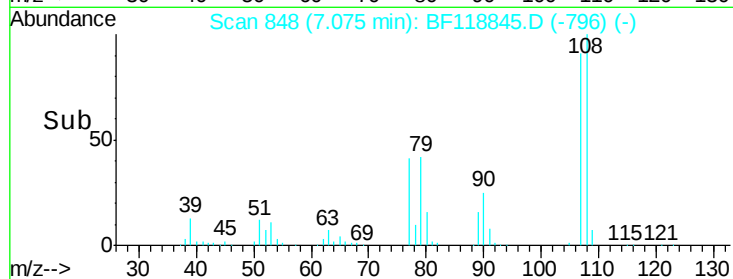
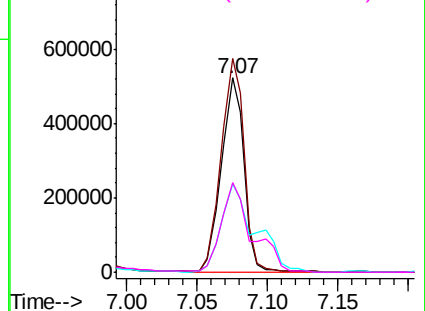
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

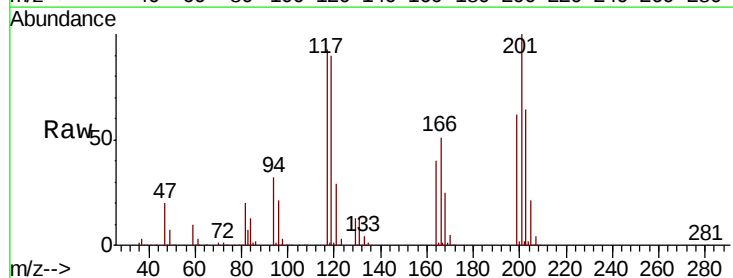
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 43.230 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF118845.D
Acq: 7 Feb 2020 10:15

Tgt Ion:	117	Resp:	294747
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.4	116.0
201	107.4	85.1	127.7

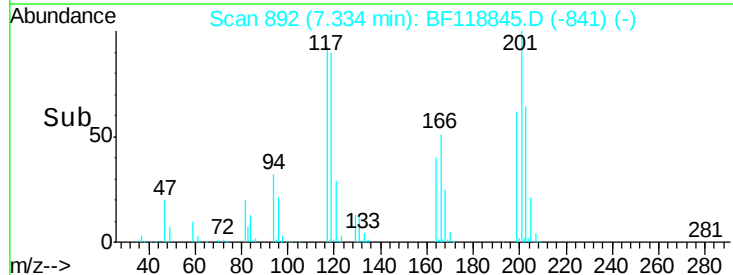
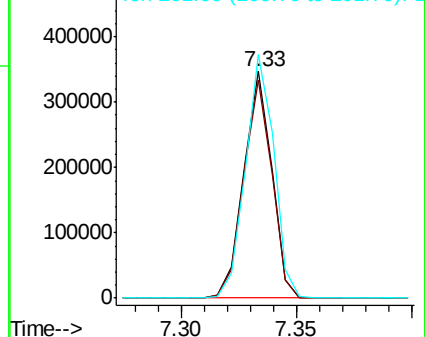


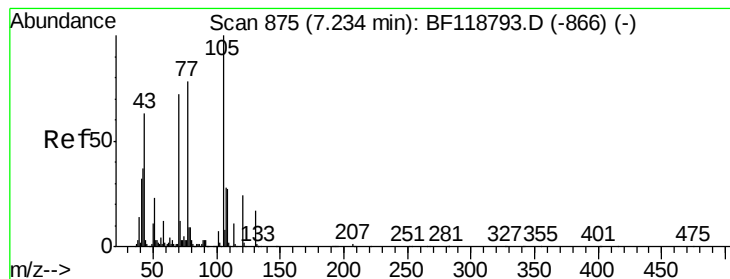
Abundance

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: 42.834 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.01 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 467335

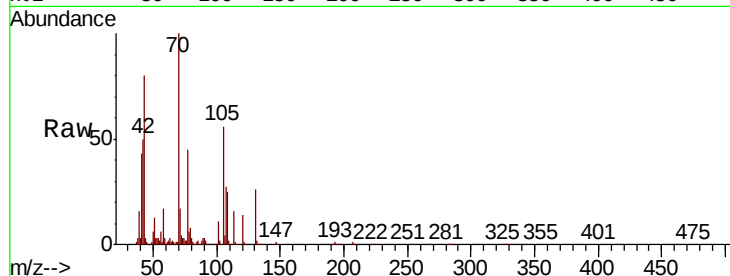
Ion Ratio Lower Upper

70 100

42 50.4 41.5 62.3

101 10.5 8.3 12.5

130 26.2 19.2 28.8

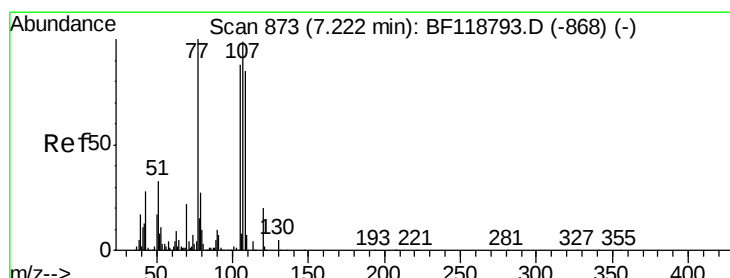
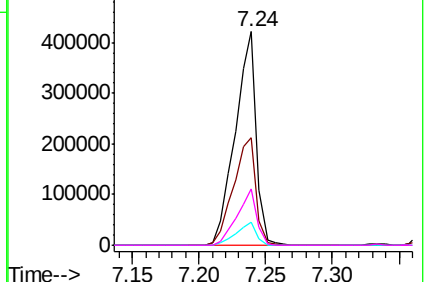
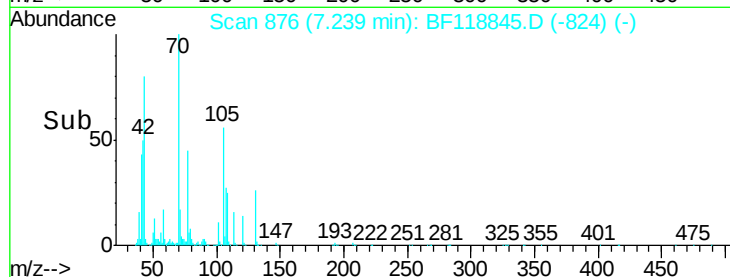


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 40.308 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.01 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

Tgt Ion: 107 Resp: 672071

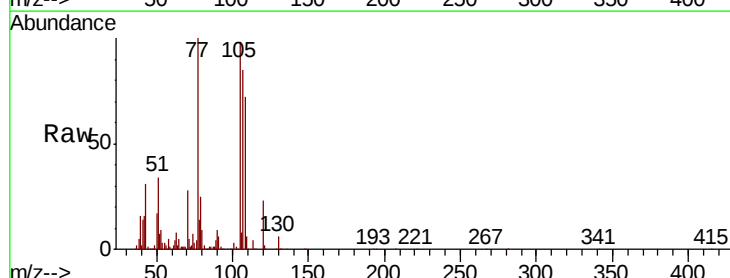
Ion Ratio Lower Upper

107 100

108 85.3 65.9 105.9

77 117.7 80.9 120.9

79 29.3 7.5 47.5

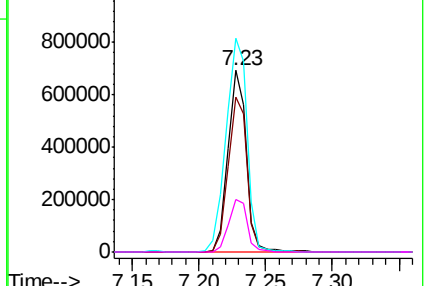
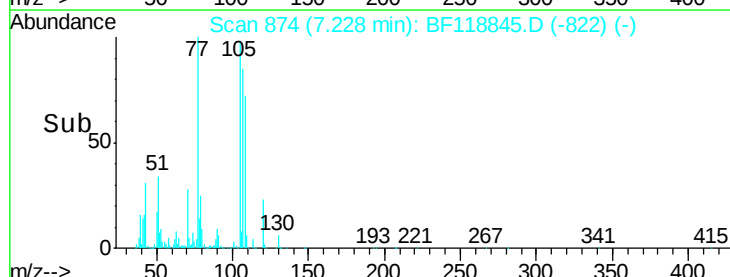


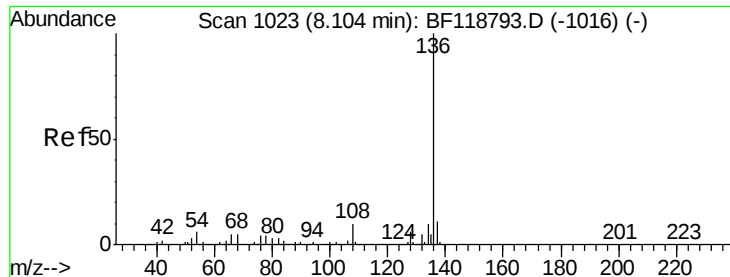
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

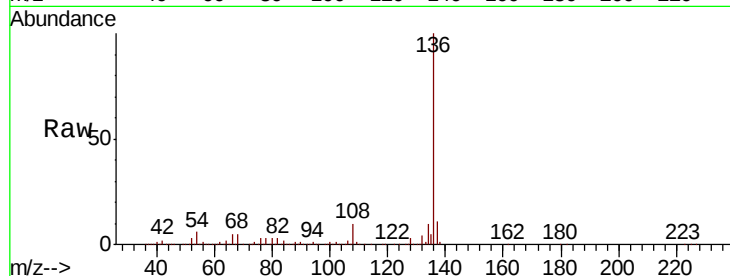
Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 1012979

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	6.1	5.0	7.6
68	5.3	4.2	6.4



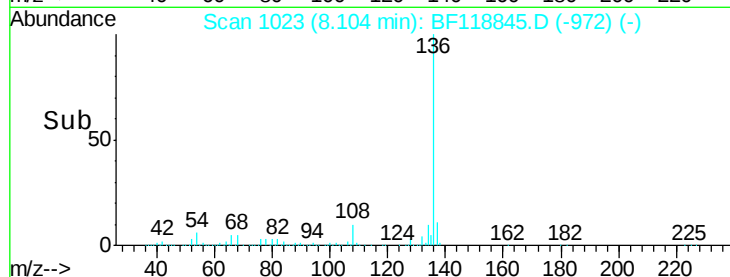
Abundance

Ion 136.00 (135.70 to 136.70): E

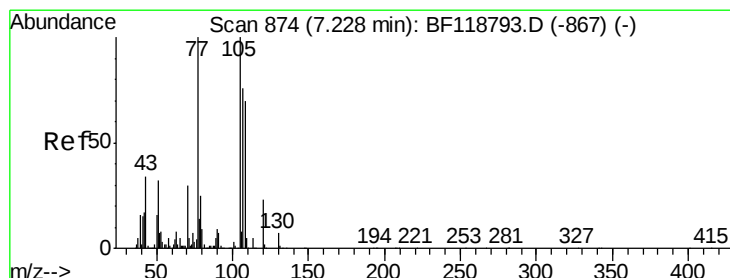
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 42.676 ng

RT: 7.23 min Scan# 874

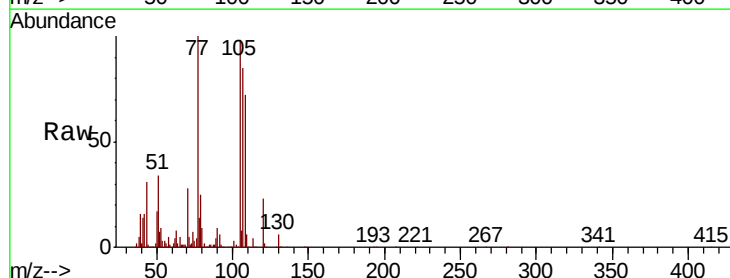
Delta R.T. -0.00 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

Tgt Ion:105 Resp: 939228

Ion	Ratio	Lower	Upper
105	100		
71	4.7	4.2	6.4
51	34.4	25.5	38.3
120	22.9	18.6	28.0



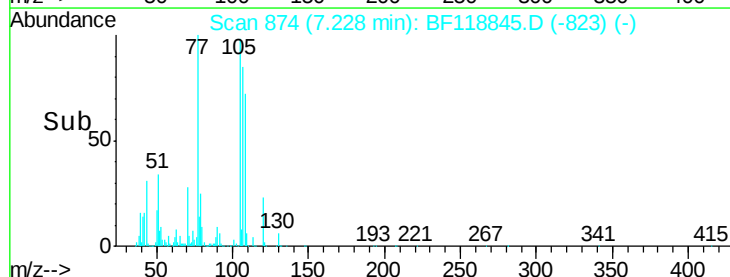
Abundance

Ion 105.00 (104.70 to 105.70): E

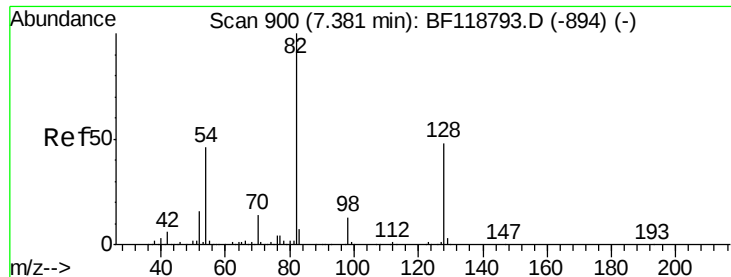
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



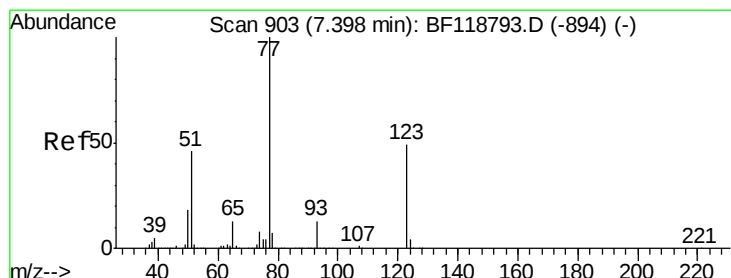
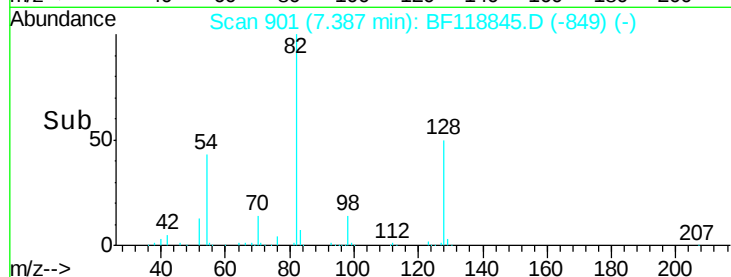
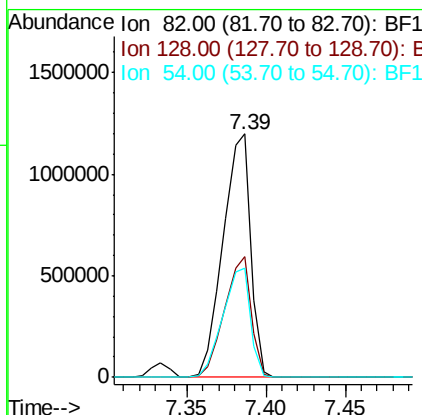
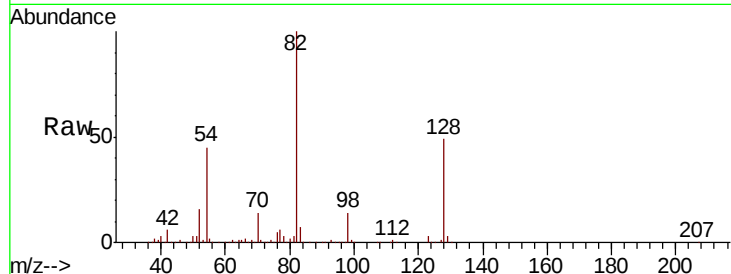
Time-->



#23
 Nitrobenzene-d5
 Concen: 85.574 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: BF118845.D
 Acq: 7 Feb 2020 10:15

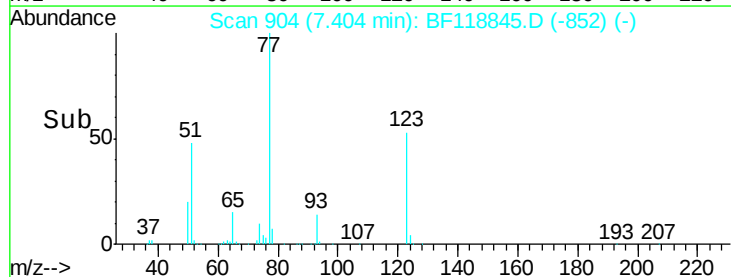
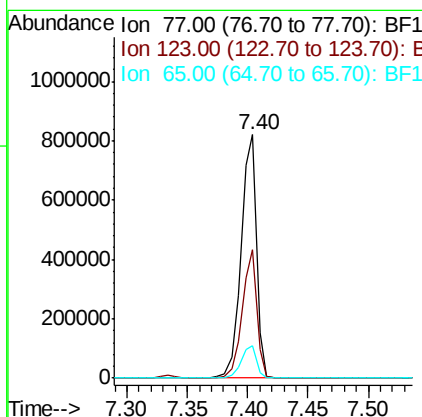
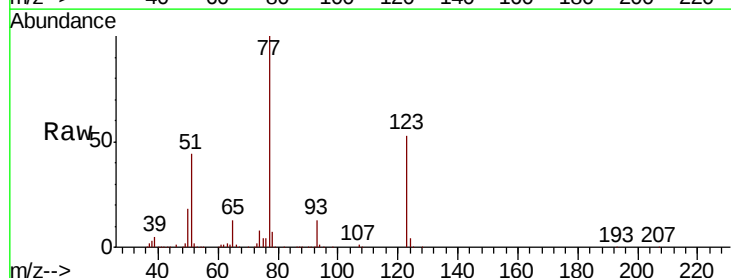
Instrument :
 BNA_F
 ClientSampleId :

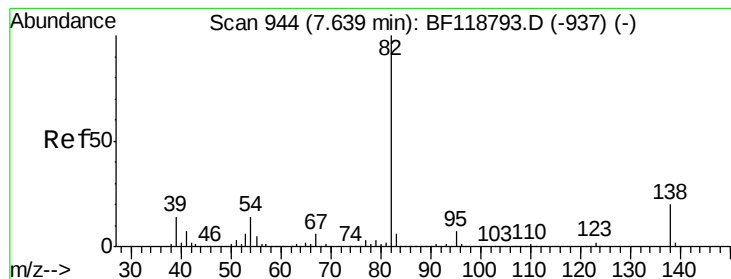
Tot Ion: 82 Resp: 1454320
 Ion Ratio Lower Upper
 82 100
 128 49.4 38.5 57.7
 54 44.7 36.7 55.1



#24
 Nitrobenzene
 Concen: 43.051 ng
 RT: 7.40 min Scan# 904
 Delta R.T. 0.01 min
 Lab File: BF118845.D
 Acq: 7 Feb 2020 10:15

Tgt Ion: 77 Resp: 730915
 Ion Ratio Lower Upper
 77 100
 123 52.7 39.0 58.4
 65 13.4 10.6 15.8





#25

Isophorone

Concen: 41.884 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

Instrument :

BNA_F

ClientSampled :

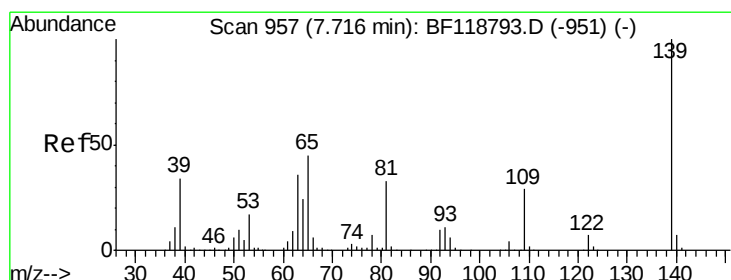
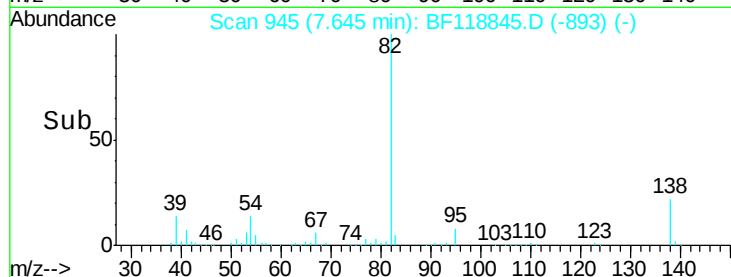
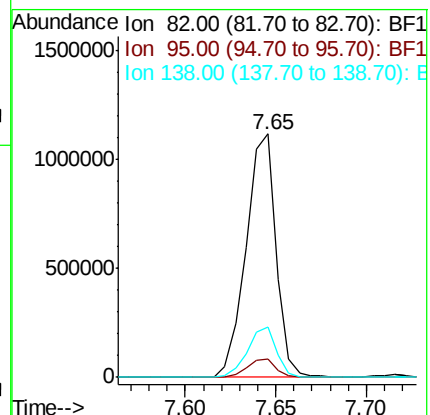
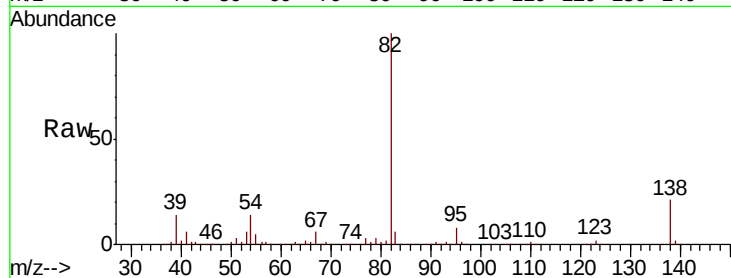
Tot Ion: 82 Resp: 1279282

Ion Ratio Lower Upper

82 100

95 7.7 6.0 9.0

138 20.9 15.7 23.5



#26

2-Nitrophenol

Concen: 43.658 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

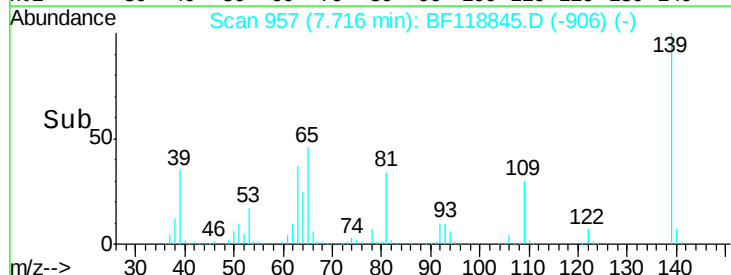
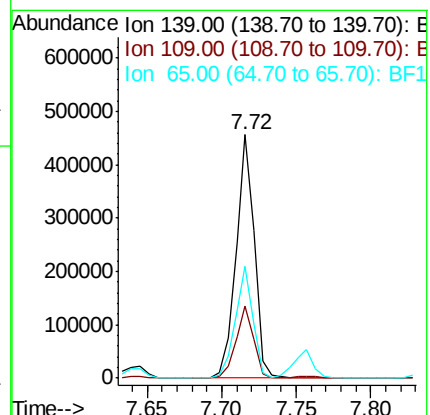
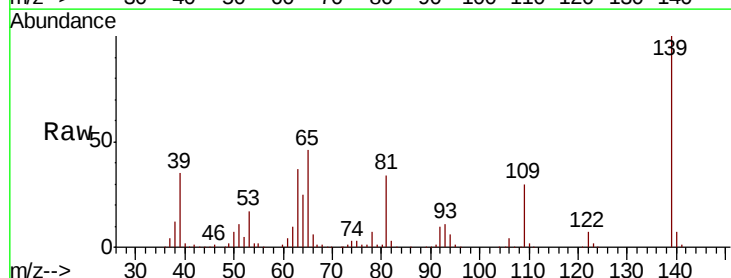
Tgt Ion: 139 Resp: 394965

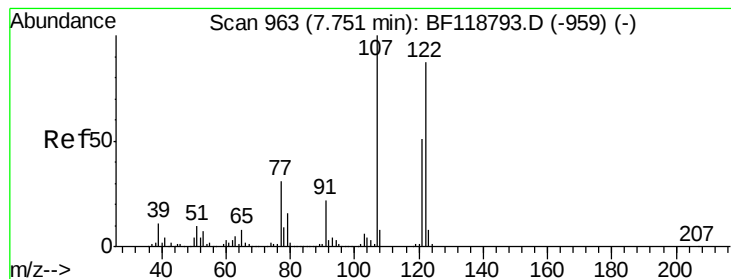
Ion Ratio Lower Upper

139 100

109 29.7 23.4 35.0

65 45.8 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 42.270 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

Instrument :

BNA_F

ClientSampleId :

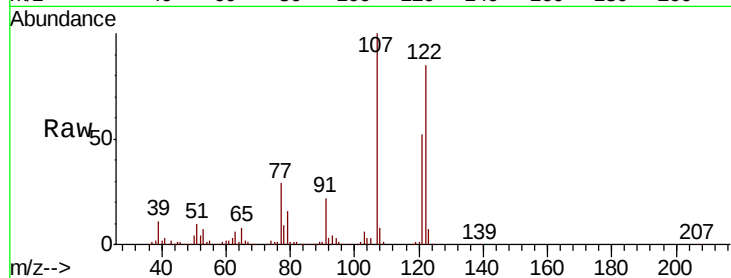
Tot Ion:122 Resp: 519463

Ion Ratio Lower Upper

122 100

107 117.3 92.2 138.2

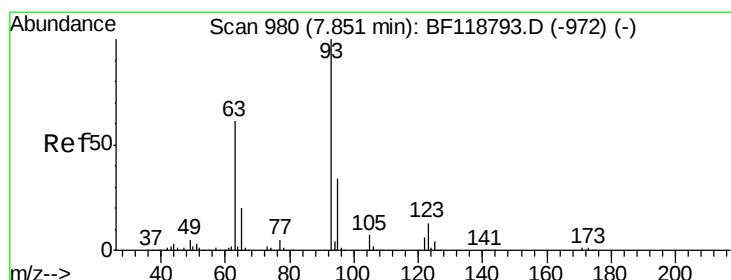
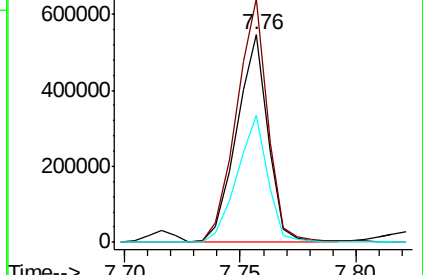
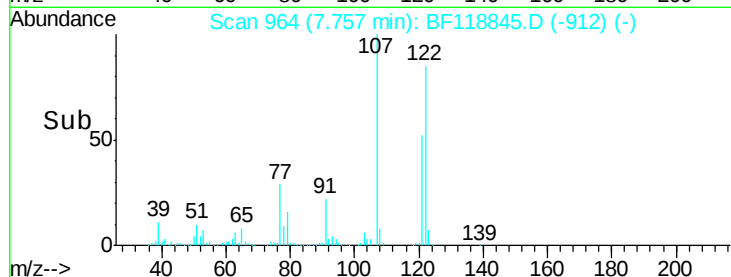
121 61.2 46.8 70.2



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: 43.238 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

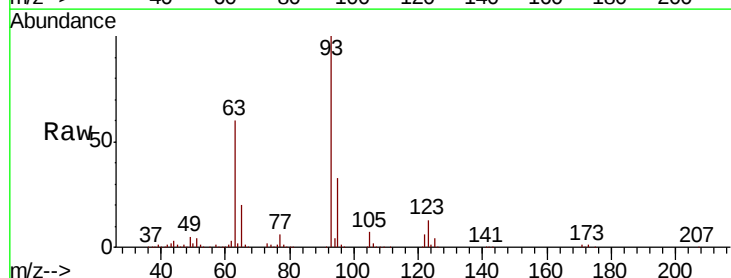
Tgt Ion: 93 Resp: 856359

Ion Ratio Lower Upper

93 100

95 33.4 27.0 40.4

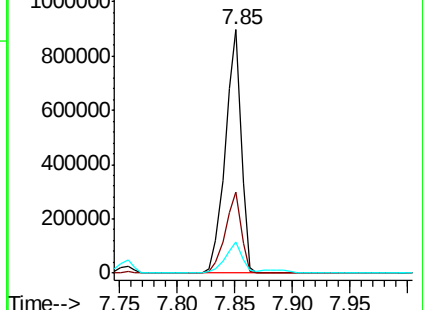
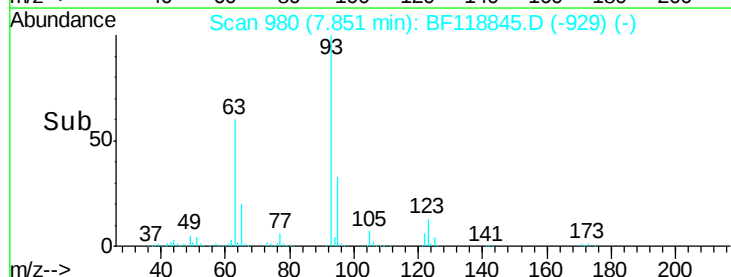
123 12.8 10.6 15.8

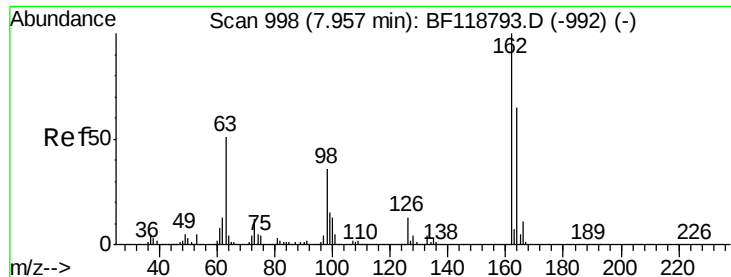


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.085 ng

RT: 7.96 min Scan# 999

Delta R.T. 0.01 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

Instrument :

BNA_F

ClientSampleId :

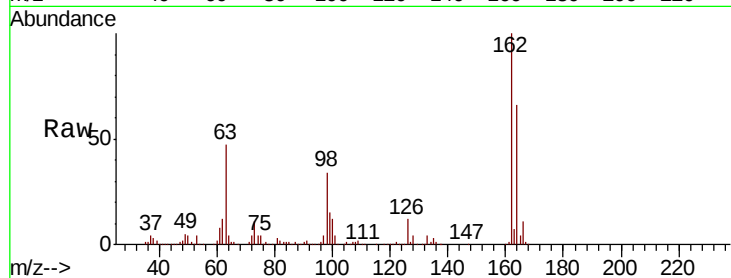
Tot Ion:162 Resp: 634100

Ion Ratio Lower Upper

162 100

164 65.5 44.8 84.8

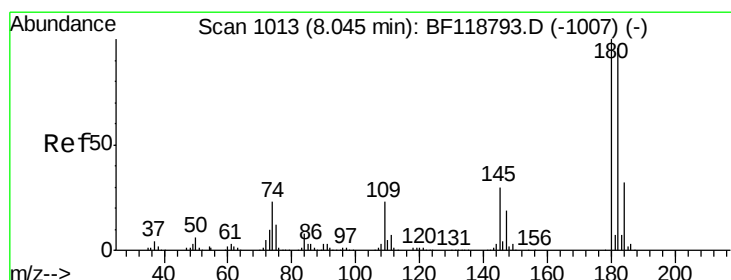
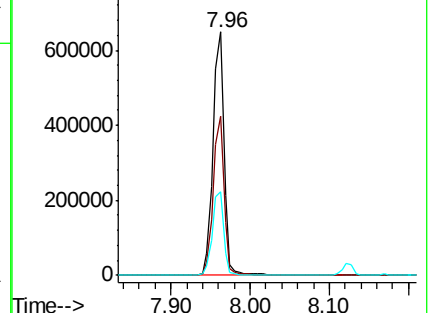
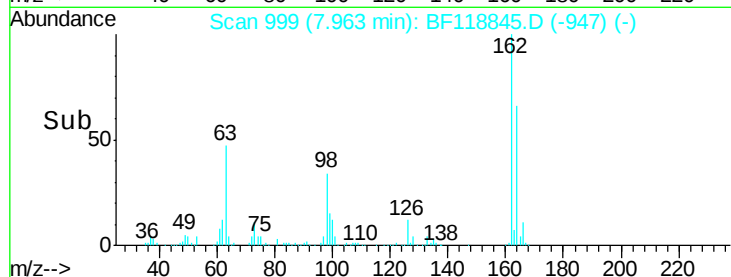
98 34.5 16.4 56.4



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: 42.719 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

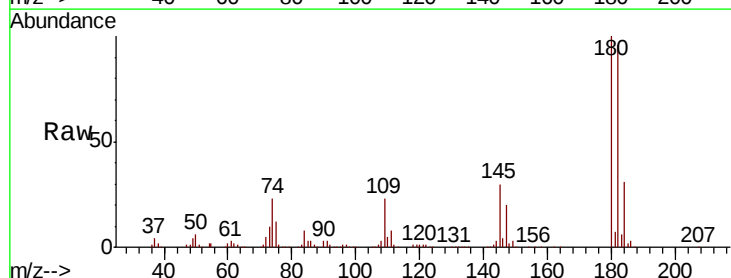
Tgt Ion:180 Resp: 734867

Ion Ratio Lower Upper

180 100

182 95.8 76.6 115.0

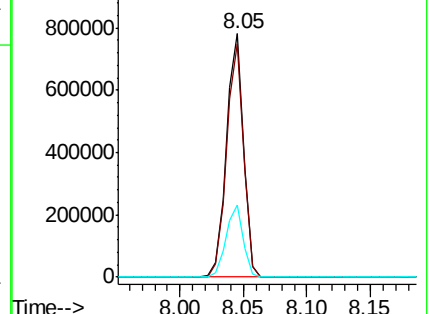
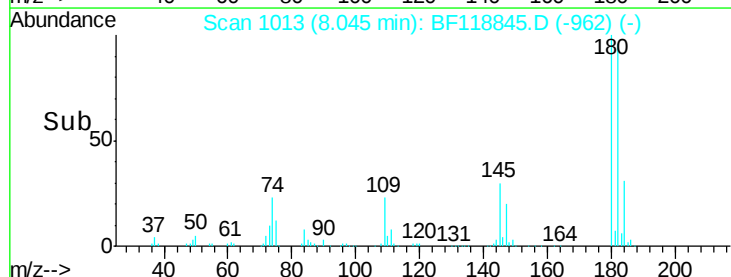
145 29.7 24.0 36.0

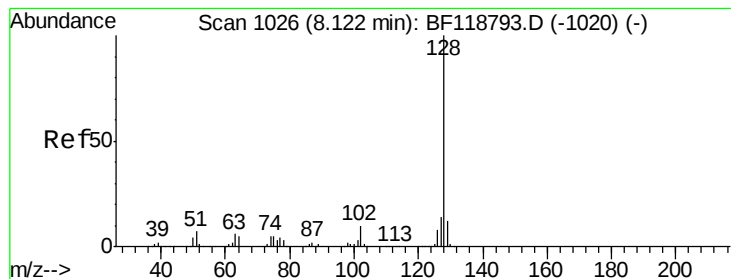


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.572 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

Instrument :

BNA_F

ClientSampleId :

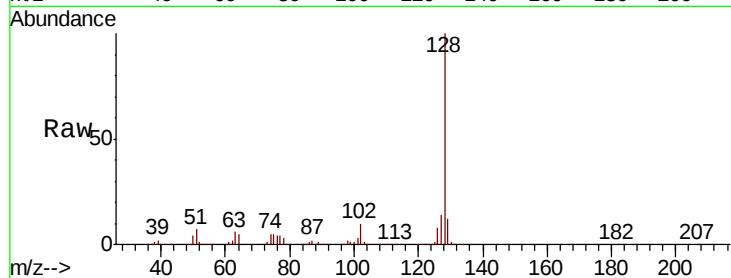
Tot Ion:128 Resp: 1972344

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.2

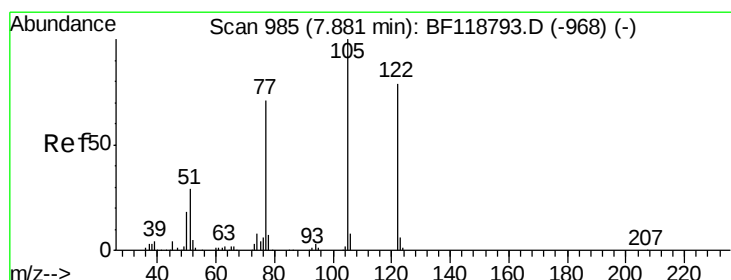
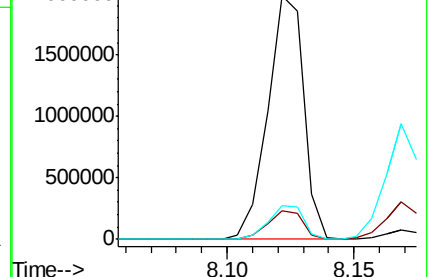
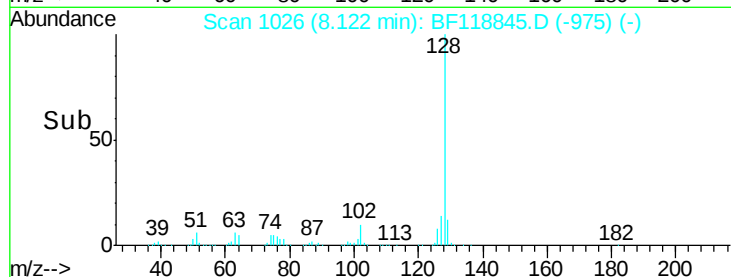
127 14.0 11.3 16.9



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: 40.945 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.01 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

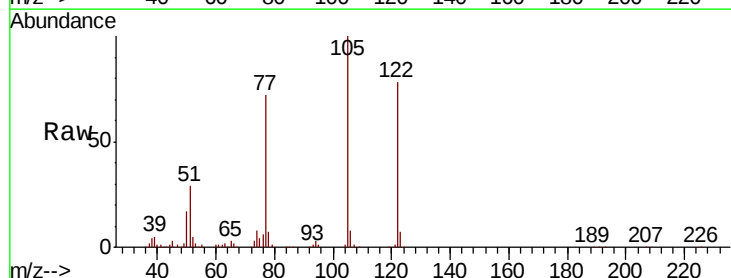
Tgt Ion:122 Resp: 416613

Ion Ratio Lower Upper

122 100

105 129.0 104.4 144.4

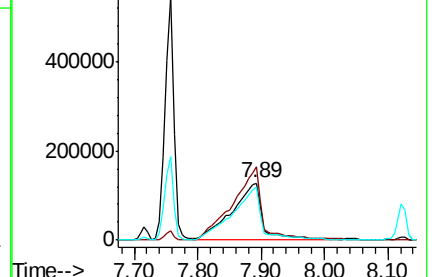
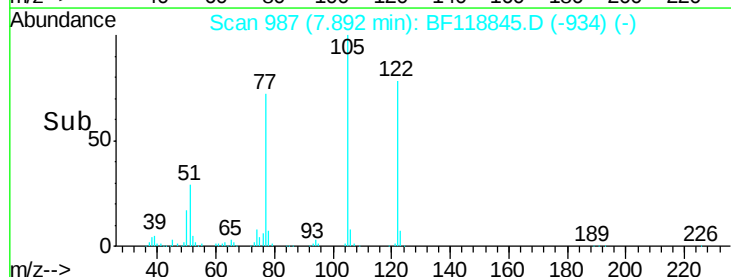
77 93.1 69.3 109.3

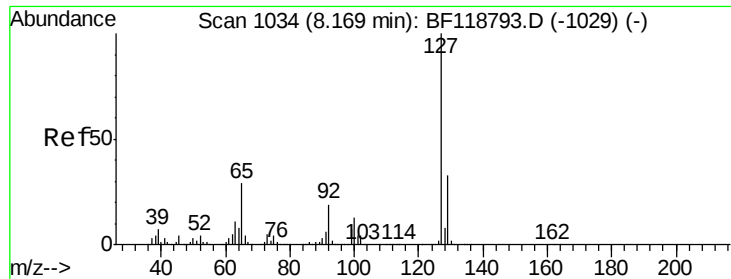


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

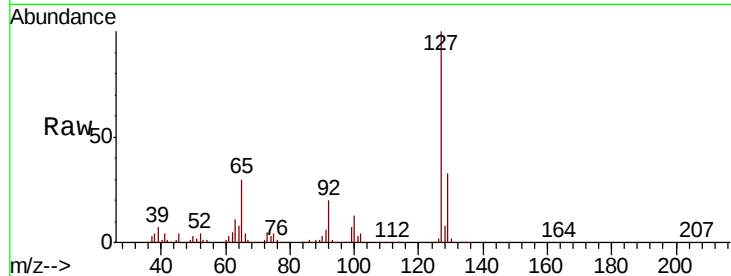




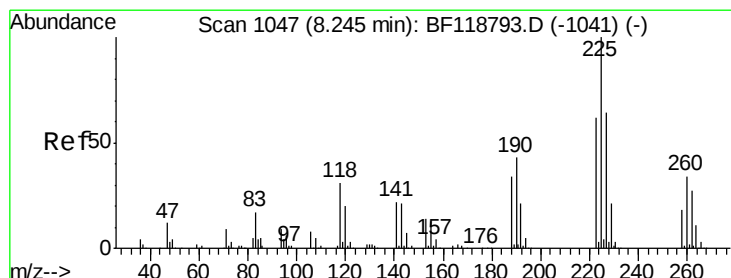
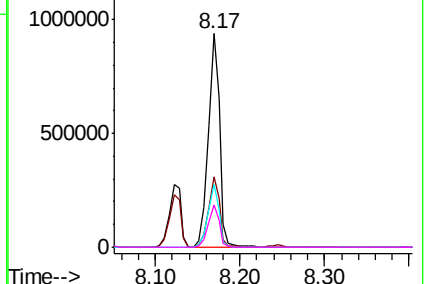
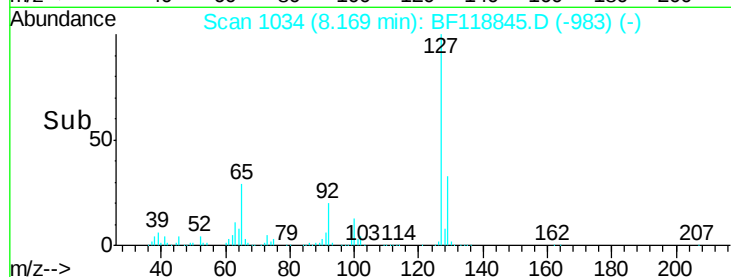
#33
4-Chloroaniline
Concen: 42.589 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF118845.D
Acq: 7 Feb 2020 10:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	882767
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.7	40.1
65	29.5	22.9	34.3
92	19.7	15.4	23.0

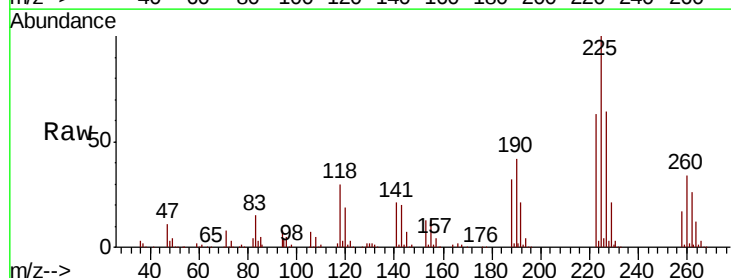


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

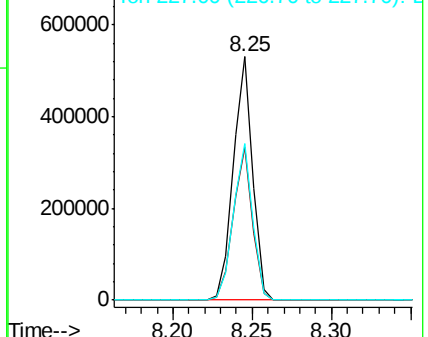
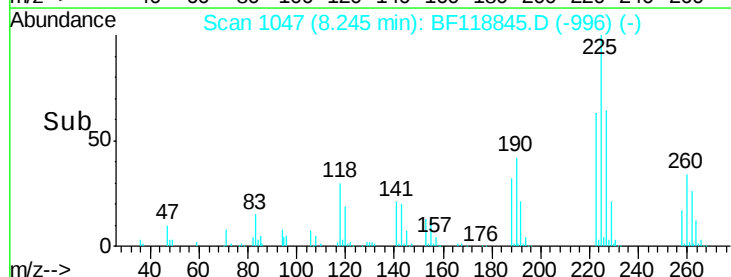


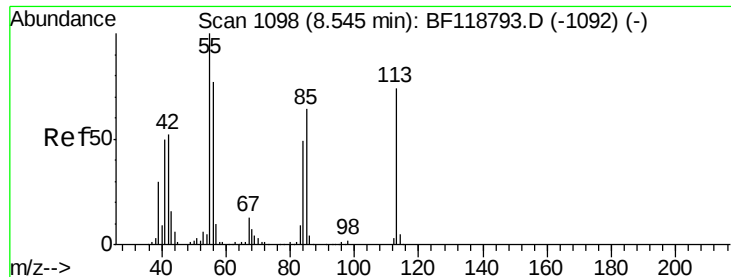
#34
Hexachlorobutadiene
Concen: 42.525 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF118845.D
Acq: 7 Feb 2020 10:15

Tgt Ion:	225	Resp:	448182
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.8	74.8
227	64.4	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

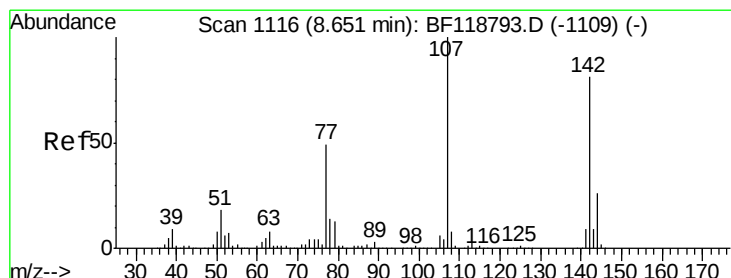
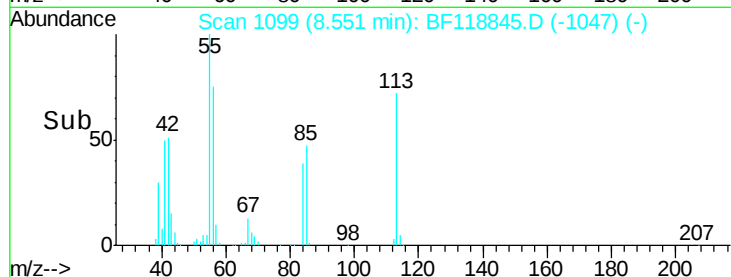
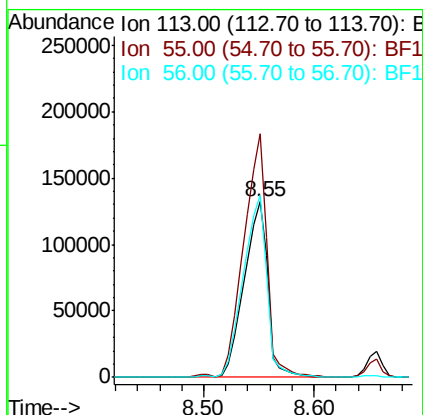
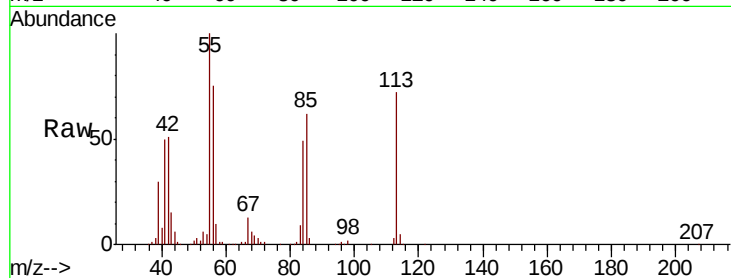




#35
Caprolactam
Concen: 42.043 ng
RT: 8.55 min Scan# 1099
Delta R.T. 0.01 min
Lab File: BF118845.D
Acq: 7 Feb 2020 10:15

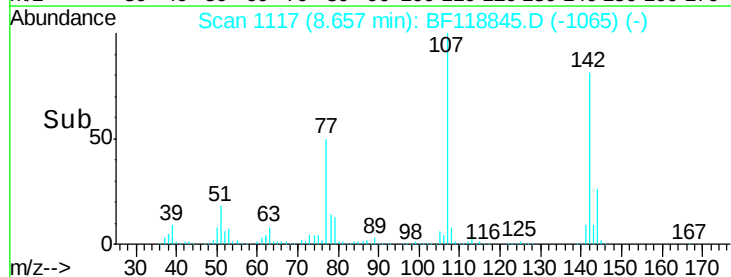
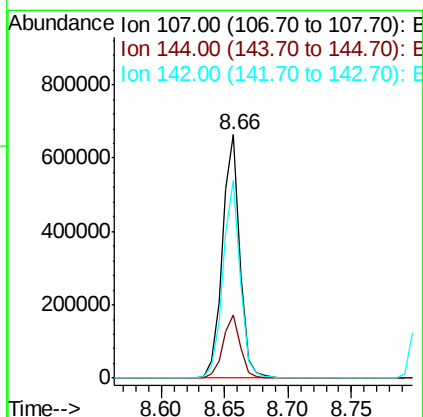
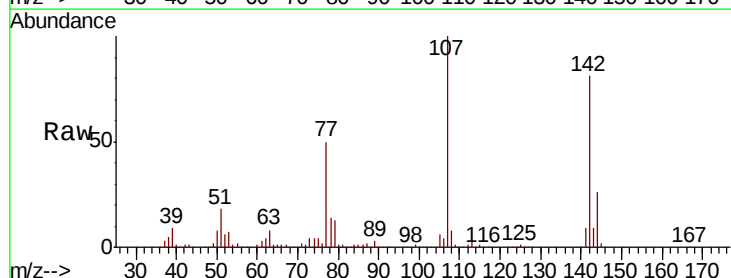
Instrument :
BNA_F
ClientSampleId :

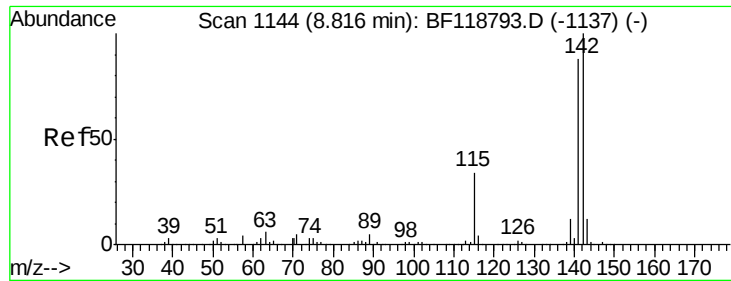
Tot Ion:113 Resp: 200590
Ion Ratio Lower Upper
113 100
55 138.8 115.5 155.5
56 104.2 83.7 123.7



#36
4-Chloro-3-methylphenol
Concen: 43.175 ng
RT: 8.66 min Scan# 1117
Delta R.T. 0.01 min
Lab File: BF118845.D
Acq: 7 Feb 2020 10:15

Tgt Ion:107 Resp: 639465
Ion Ratio Lower Upper
107 100
144 26.0 21.0 31.6
142 81.0 64.8 97.2

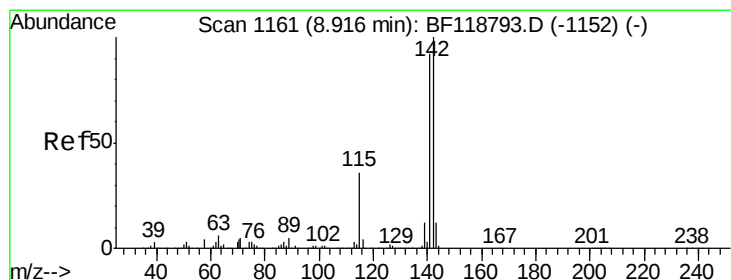
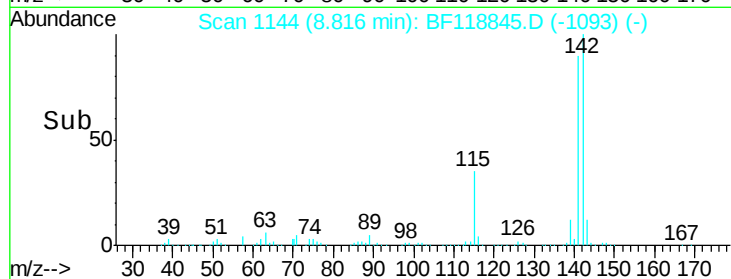
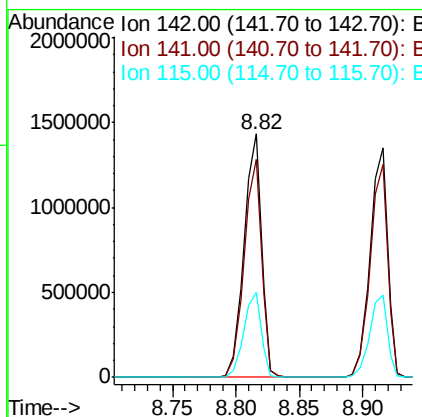
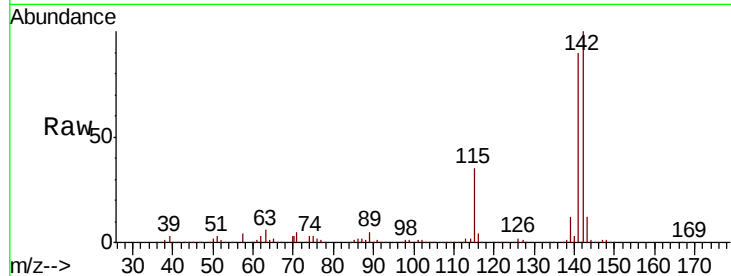




#37
 2-Methylnaphthalene
 Concen: 42.414 ng
 RT: 8.82 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: BF118845.D
 Acq: 7 Feb 2020 10:15

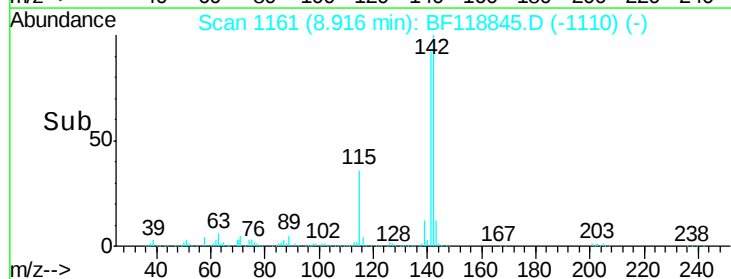
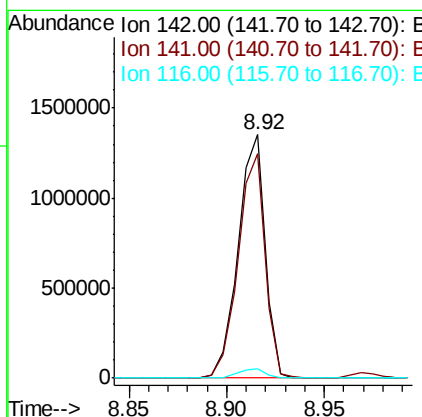
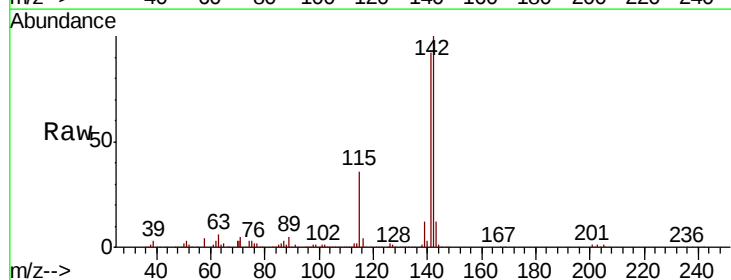
Instrument :
 BNA_F
 ClientSampleId :

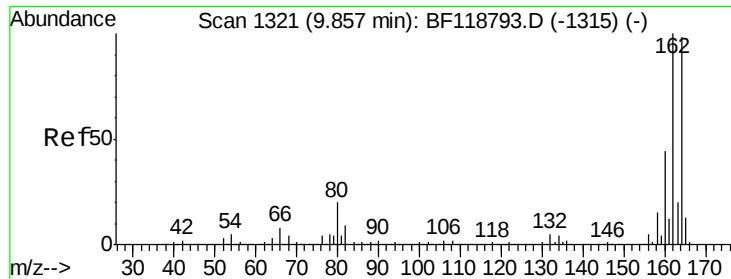
Tot Ion:142 Resp: 1362843
 Ion Ratio Lower Upper
 142 100
 141 89.7 70.1 105.1
 115 34.9 27.3 40.9



#38
 1-Methylnaphthalene
 Concen: 42.728 ng
 RT: 8.92 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF118845.D
 Acq: 7 Feb 2020 10:15

Tgt Ion:142 Resp: 1291528
 Ion Ratio Lower Upper
 142 100
 141 92.4 73.8 110.6
 116 3.8 3.0 4.4

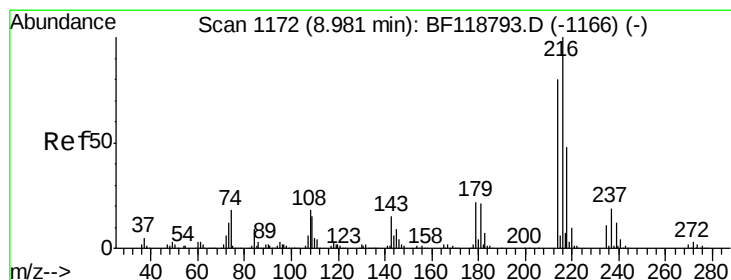
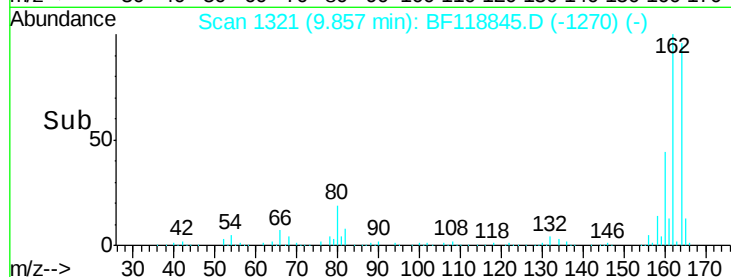
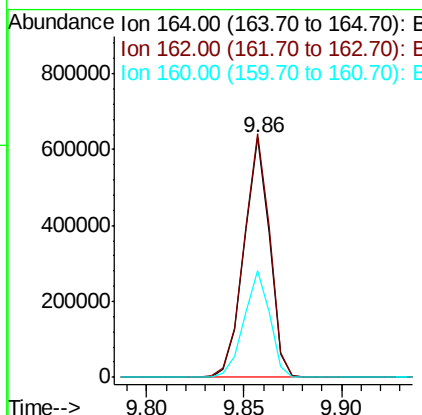
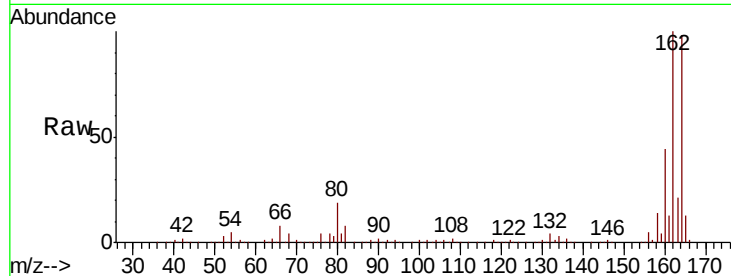




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF118845.D
Acq: 7 Feb 2020 10:15

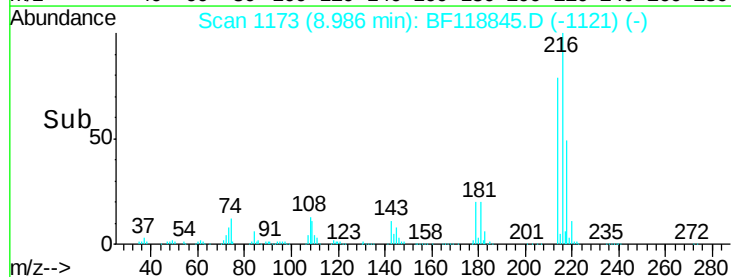
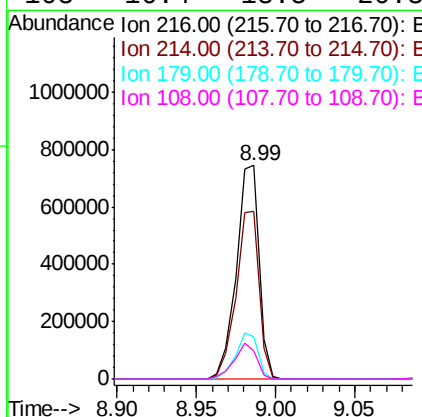
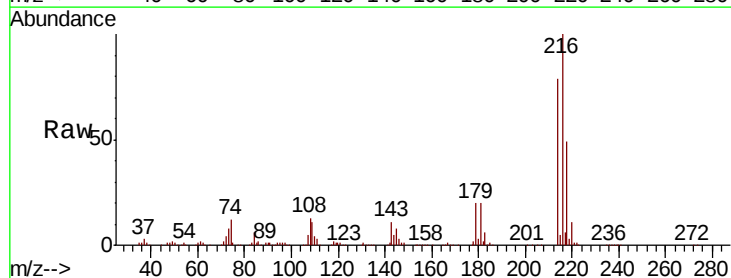
Instrument :
BNA_F
ClientSampleId :

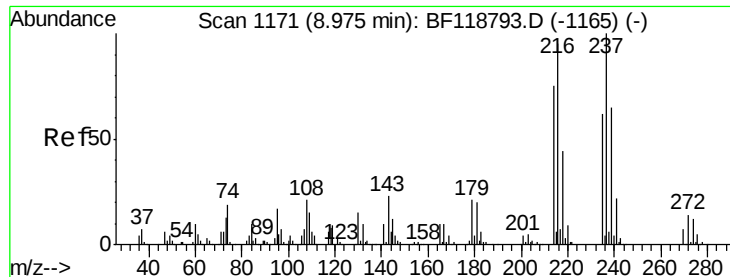
Tot Ion:164 Resp: 571333
Ion Ratio Lower Upper
164 100
162 101.7 81.4 122.2
160 44.3 35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.088 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BF118845.D
Acq: 7 Feb 2020 10:15

Tgt Ion:216 Resp: 742976
Ion Ratio Lower Upper
216 100
214 79.1 63.0 94.4
179 21.1 17.0 25.6
108 16.4 13.5 20.3





#41

Hexachlorocyclopentadiene

Concen: 36.185 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

Instrument :

BNA_F

ClientSampleId :

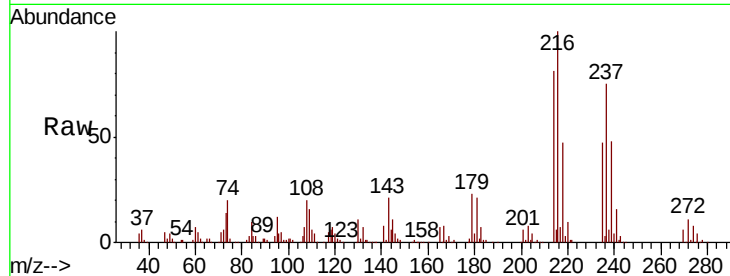
Tot Ion:237 Resp: 244660

Ion Ratio Lower Upper

237 100

235 62.3 42.1 82.1

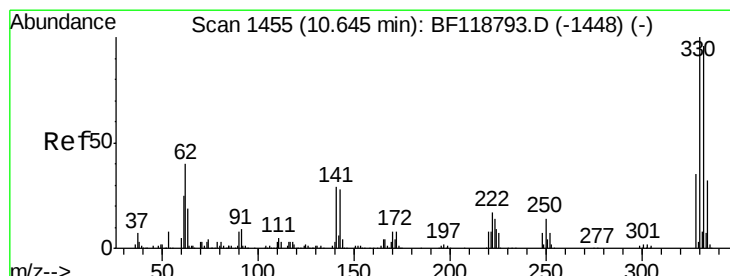
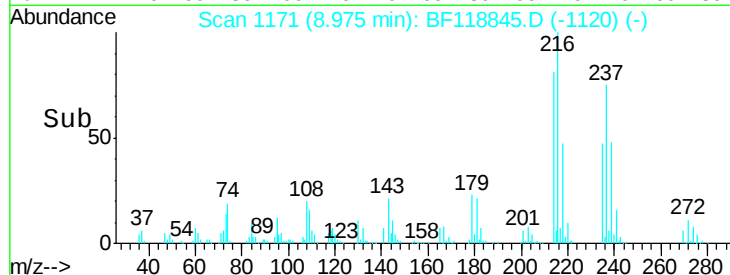
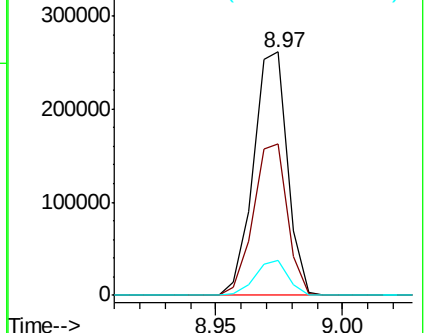
272 14.4 0.0 34.4



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: 83.594 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

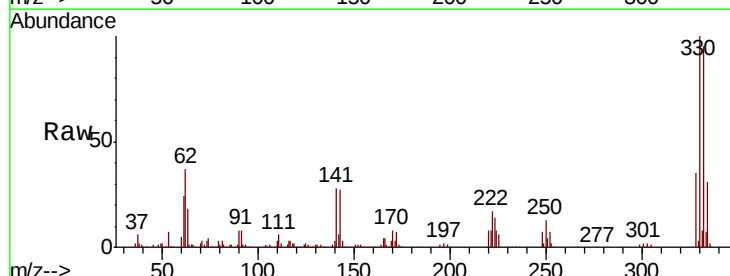
Tgt Ion:330 Resp: 571460

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

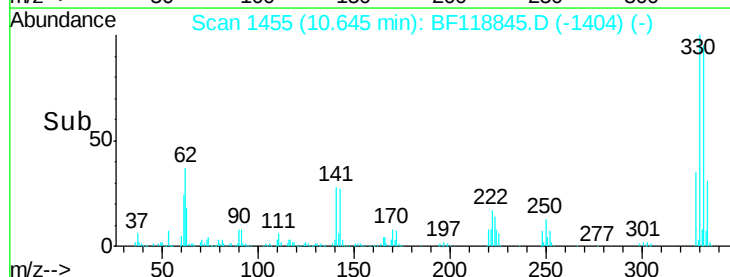
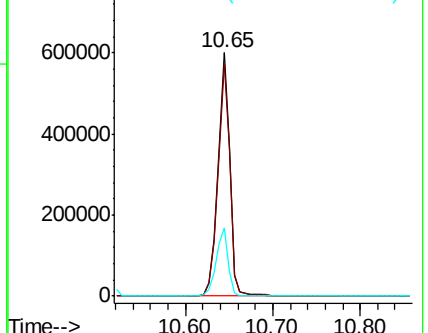
141 28.2 22.4 33.6

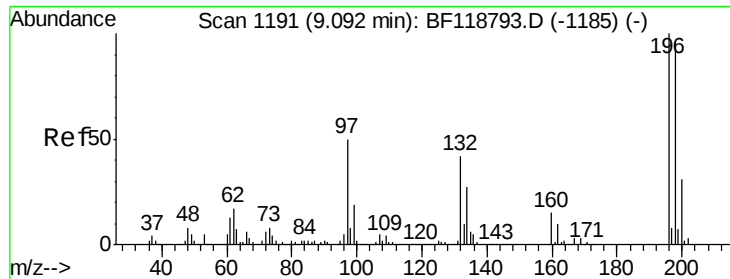


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

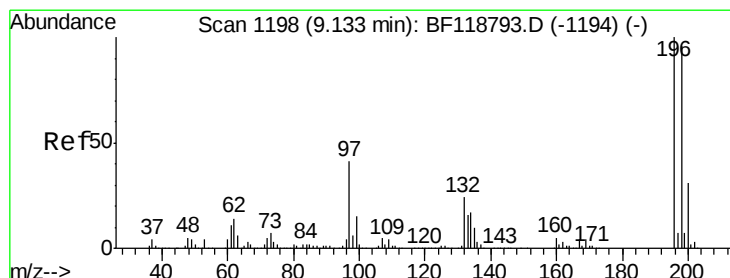
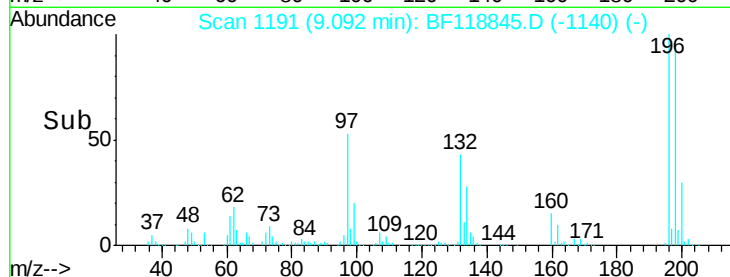
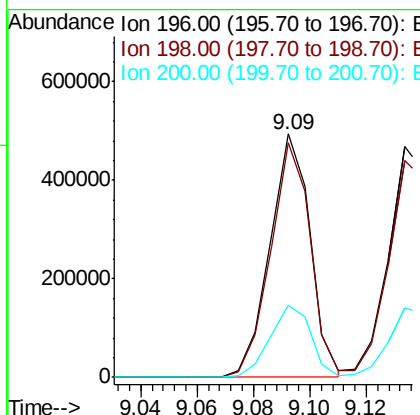
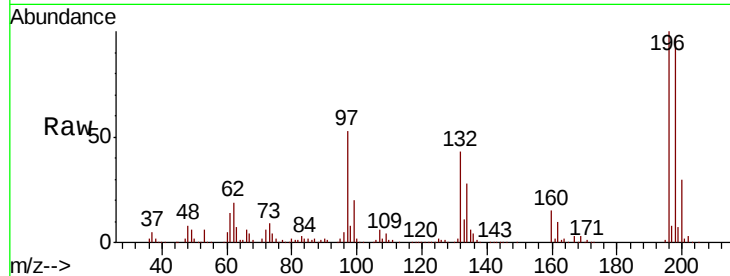




#43
 2,4,6-Trichlorophenol
 Concen: 42.257 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF118845.D
 Acq: 7 Feb 2020 10:15

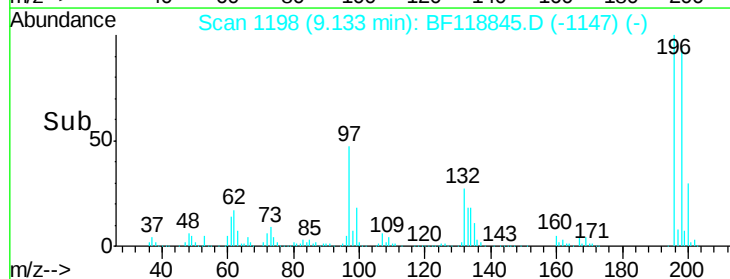
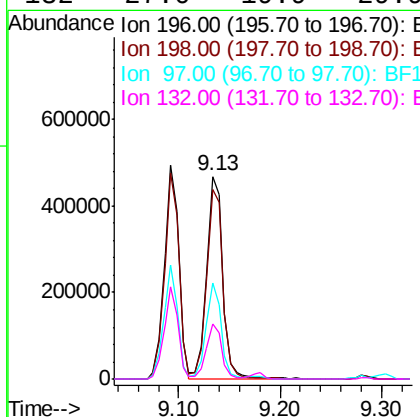
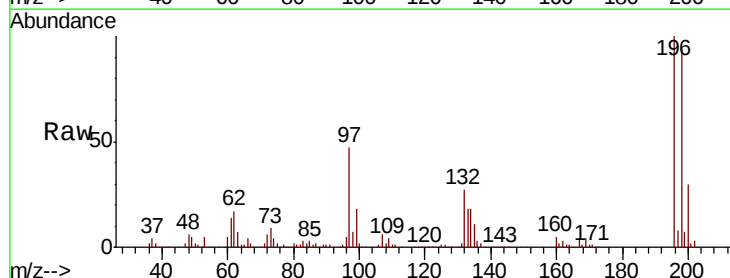
Instrument :
 BNA_F
 ClientSampleId :

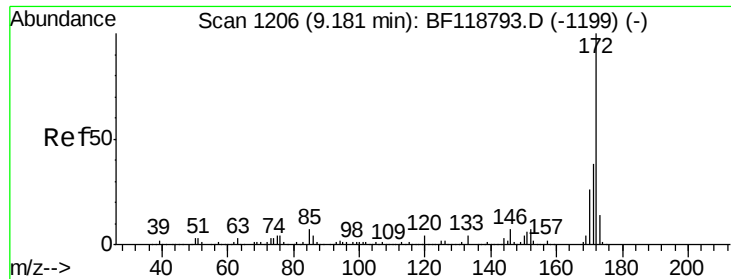
Tot Ion:196 Resp: 487248
 Ion Ratio Lower Upper
 196 100
 198 96.6 76.7 115.1
 200 29.8 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 43.436 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF118845.D
 Acq: 7 Feb 2020 10:15

Tgt Ion:196 Resp: 511756
 Ion Ratio Lower Upper
 196 100
 198 93.7 77.0 115.4
 97 47.4 32.9 49.3
 132 27.0 19.9 29.9

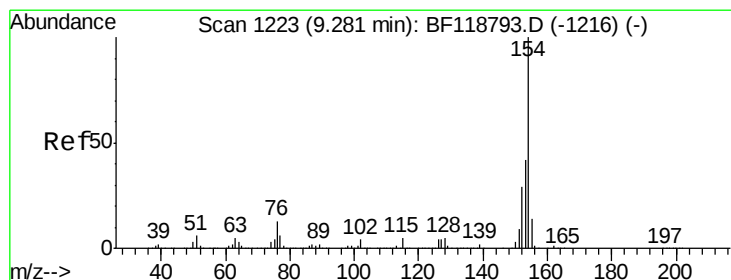
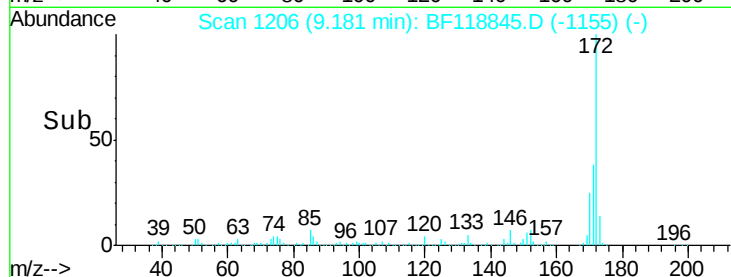
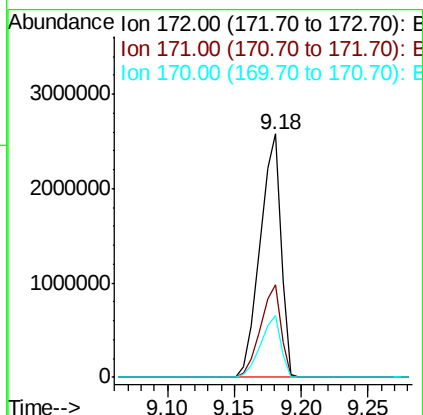
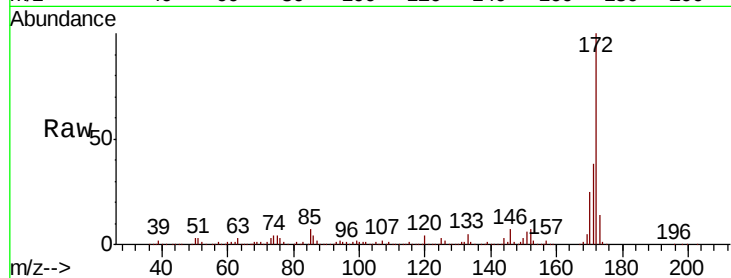




#45
2-Fluorobiphenyl
Concen: 86.575 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BF118845.D
Acq: 7 Feb 2020 10:15

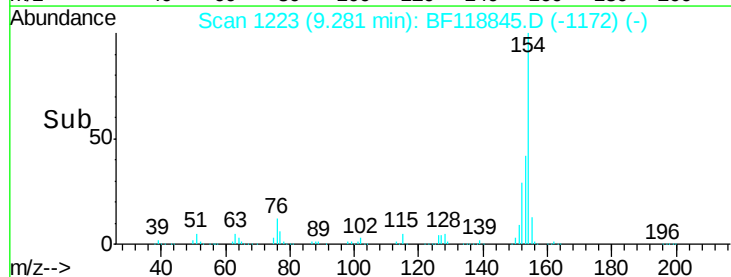
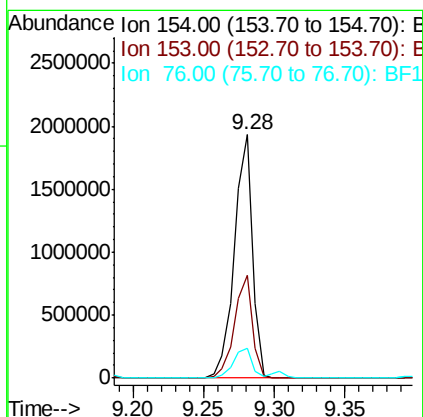
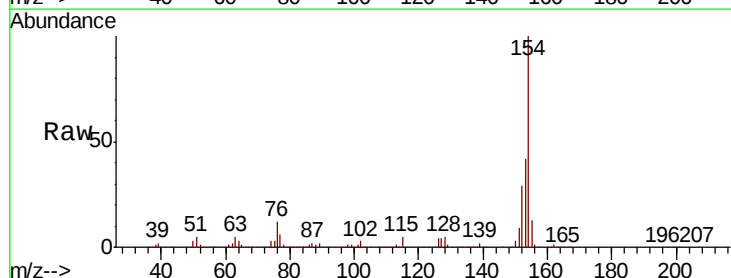
Instrument :
BNA_F
ClientSampleId :

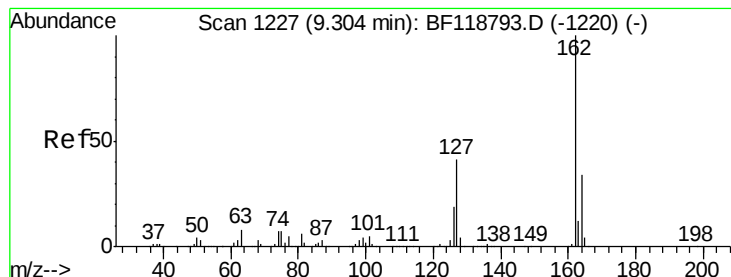
Tot Ion:172 Resp: 2766870
Ion Ratio Lower Upper
172 100
171 38.0 30.8 46.2
170 25.4 20.5 30.7



#46
1,1'-Biphenyl
Concen: 43.405 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BF118845.D
Acq: 7 Feb 2020 10:15

Tgt Ion:154 Resp: 1715444
Ion Ratio Lower Upper
154 100
153 42.1 22.4 62.4
76 12.1 0.0 32.7





#47

2-Chloronaphthalene

Concen: 43.341 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.00 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

Instrument :

BNA_F

ClientSampleId :

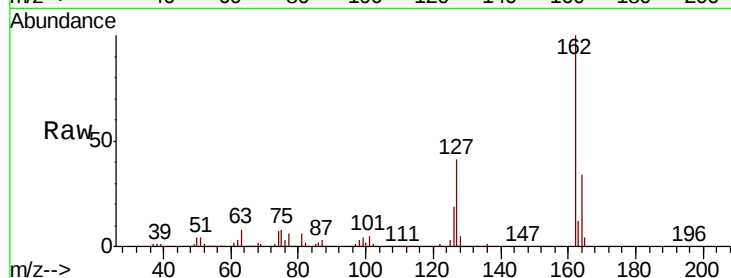
Tot Ion:162 Resp: 1423984

Ion Ratio Lower Upper

162 100

127 41.1 33.3 49.9

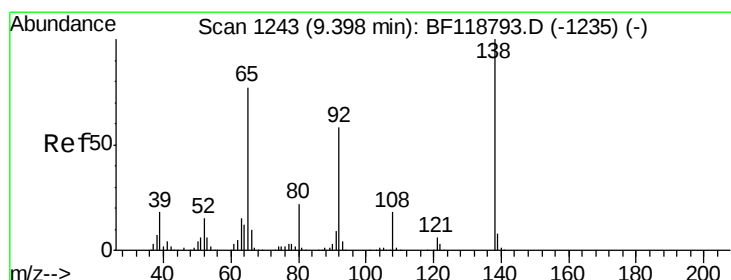
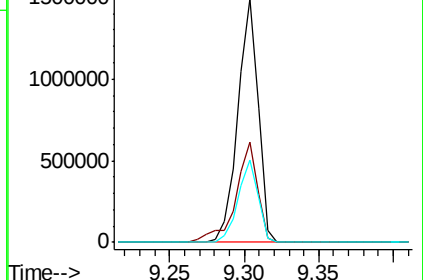
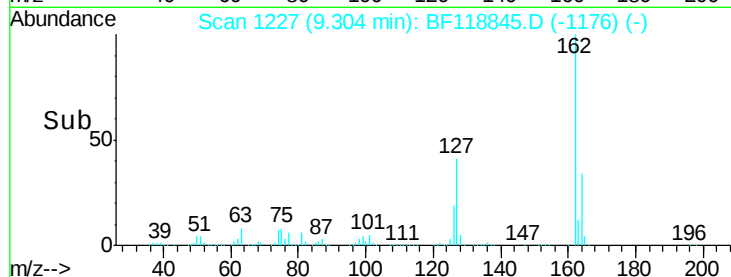
164 33.6 27.1 40.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 43.996 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

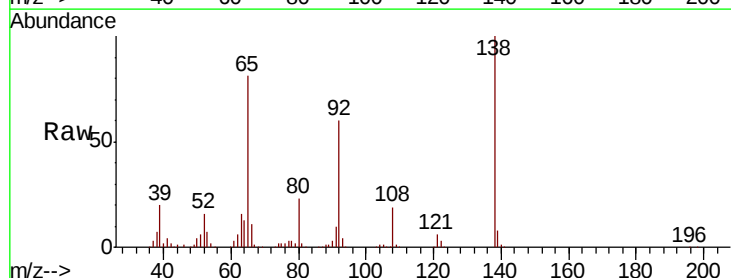
Tgt Ion: 65 Resp: 416914

Ion Ratio Lower Upper

65 100

92 74.0 60.6 91.0

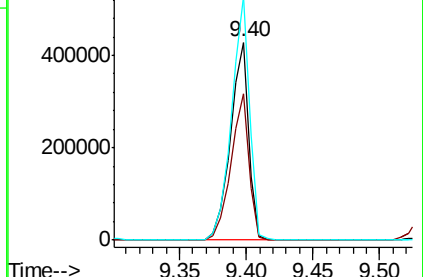
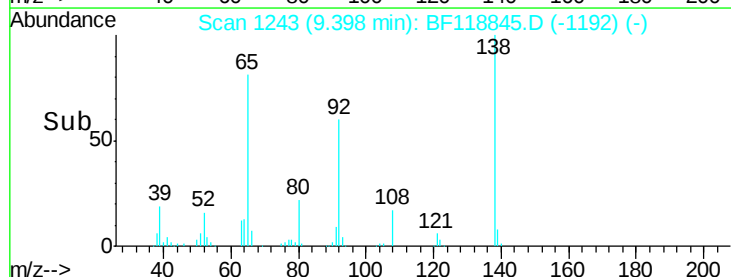
138 123.2 104.6 156.8

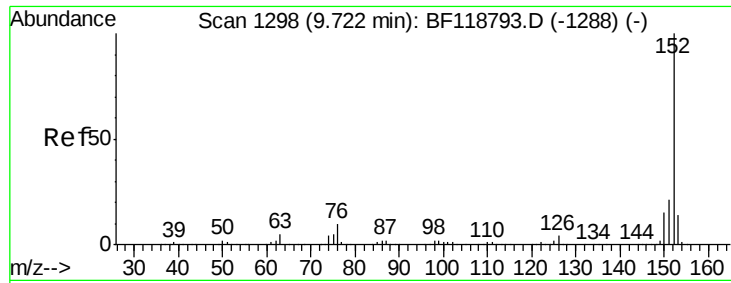


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.299 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

Instrument :

BNA_F

ClientSampleId :

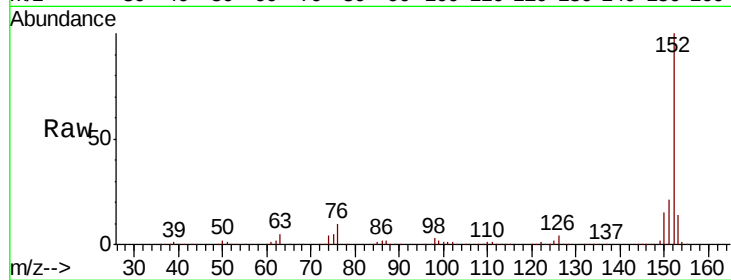
Tot Ion:152 Resp: 2054091

Ion Ratio Lower Upper

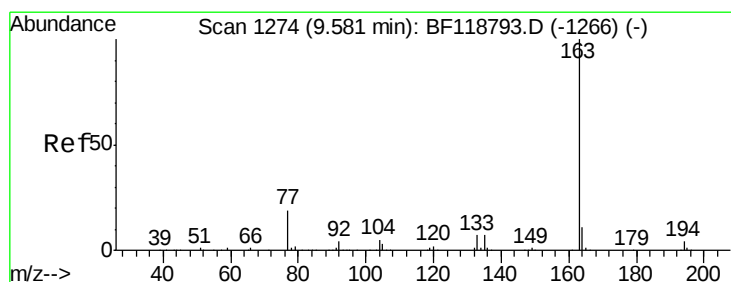
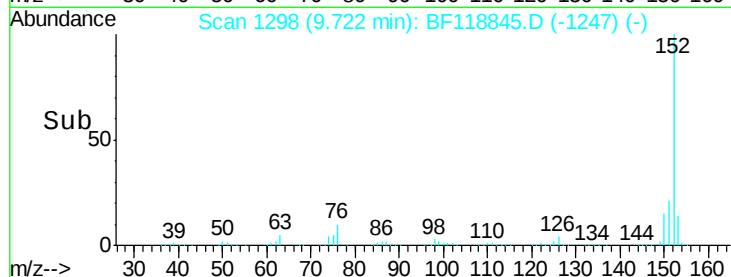
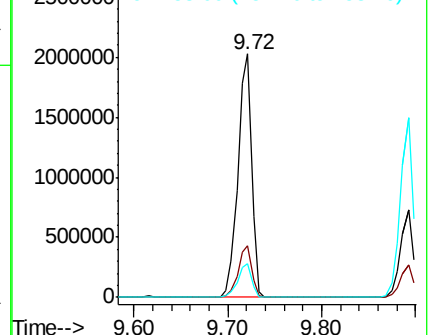
152 100

151 21.1 17.1 25.7

153 13.8 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: 43.234 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

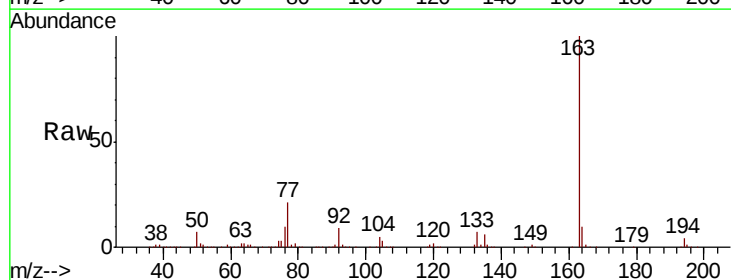
Tgt Ion:163 Resp: 1681896

Ion Ratio Lower Upper

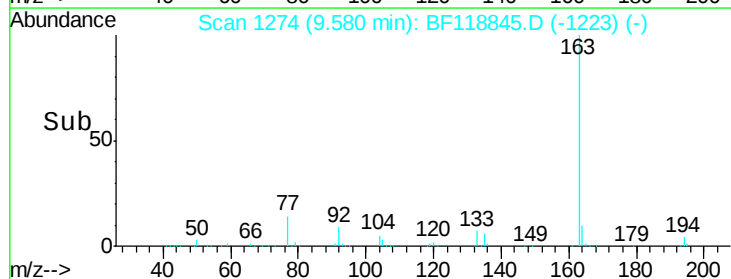
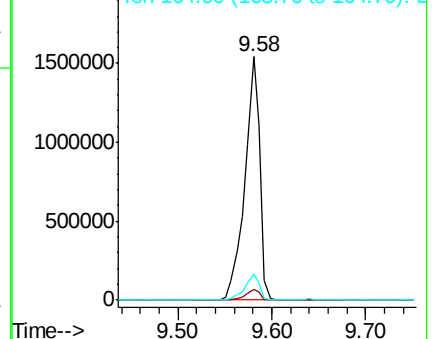
163 100

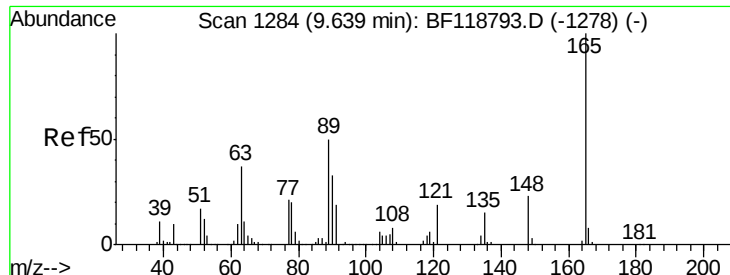
194 4.5 3.6 5.4

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

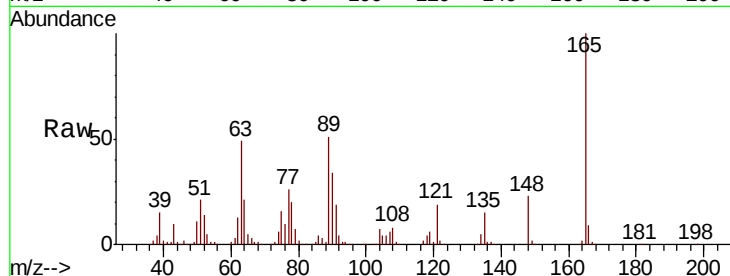




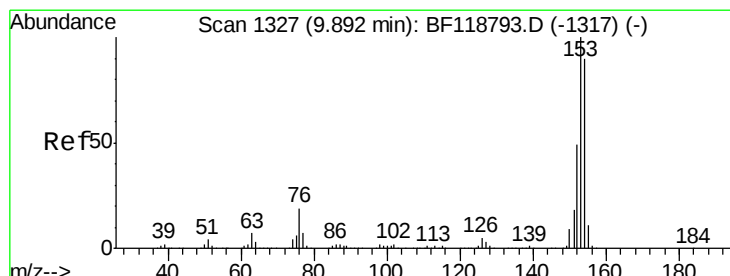
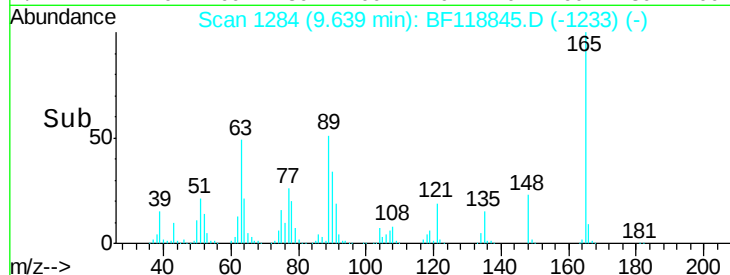
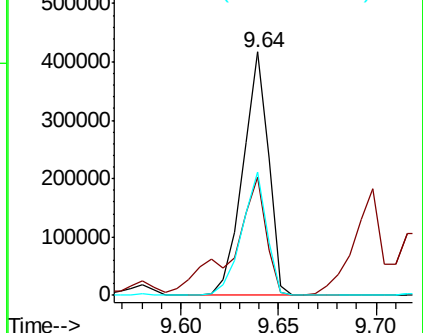
#51
 2,6-Dinitrotoluene
 Concen: 42.544 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BF118845.D
 Acq: 7 Feb 2020 10:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 378696
 Ion Ratio Lower Upper
 165 100
 63 48.7 37.4 56.0
 89 50.7 39.7 59.5

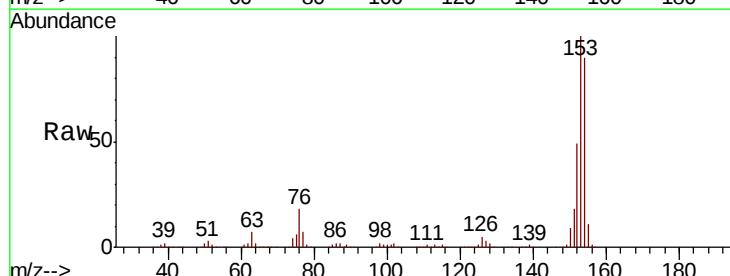


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

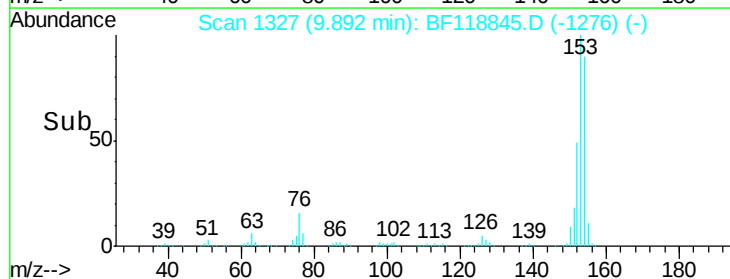
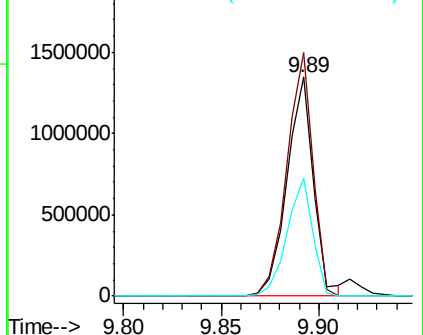


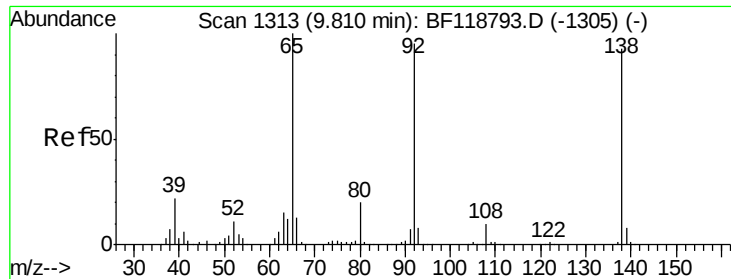
#52
 Acenaphthene
 Concen: 40.390 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.00 min
 Lab File: BF118845.D
 Acq: 7 Feb 2020 10:15

Tgt Ion:154 Resp: 1262605
 Ion Ratio Lower Upper
 154 100
 153 111.2 89.4 134.0
 152 54.1 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

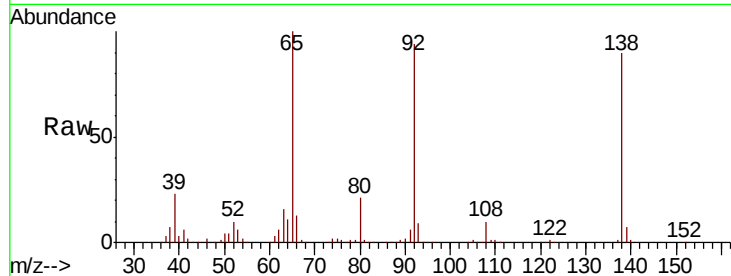




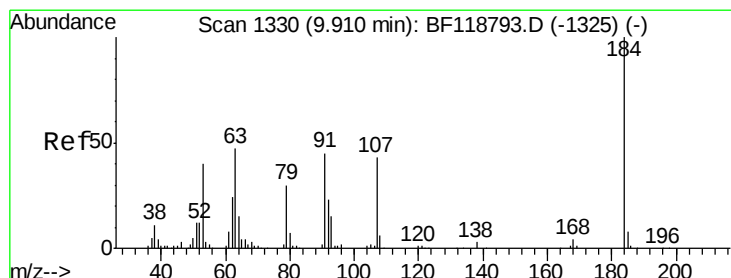
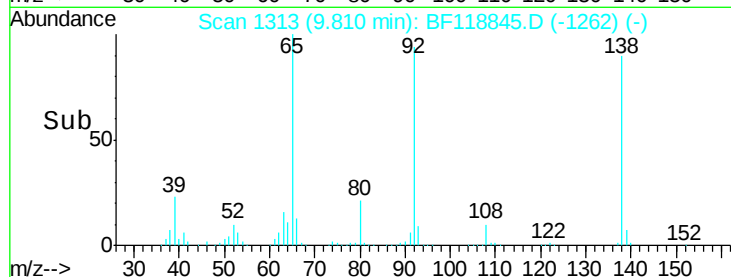
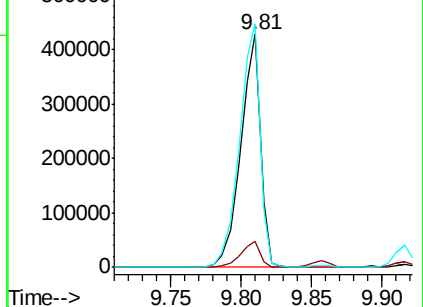
#53
3-Nitroaniline
Concen: 42.299 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF118845.D
Acq: 7 Feb 2020 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 417562
Ion Ratio Lower Upper
138 100
108 11.0 8.5 12.7
92 104.5 82.2 123.4

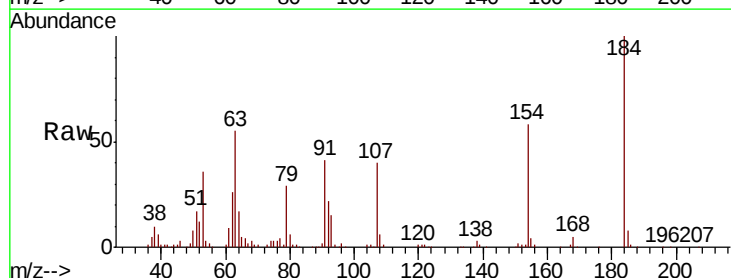


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

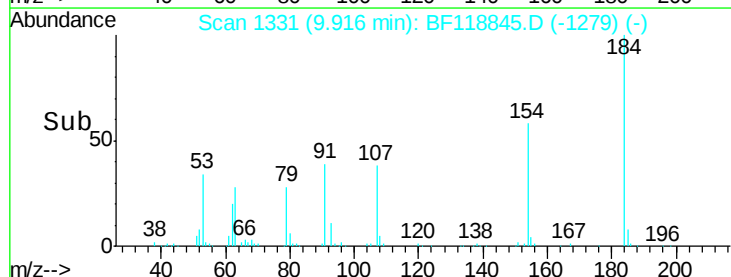
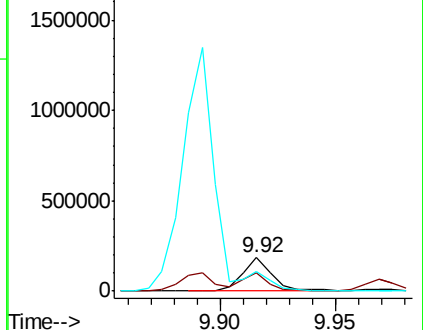


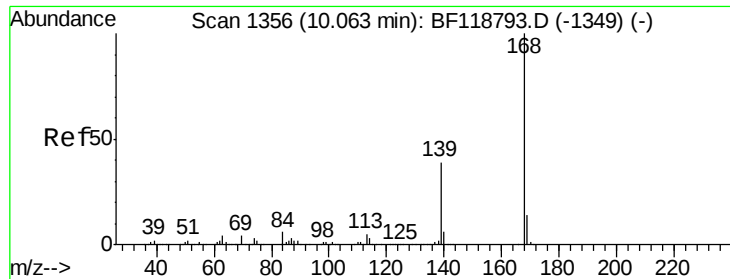
#54
2,4-Dinitrophenol
Concen: 38.454 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF118845.D
Acq: 7 Feb 2020 10:15

Tgt Ion:184 Resp: 164552
Ion Ratio Lower Upper
184 100
63 54.8 47.5 71.3
154 58.3 48.6 72.8



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

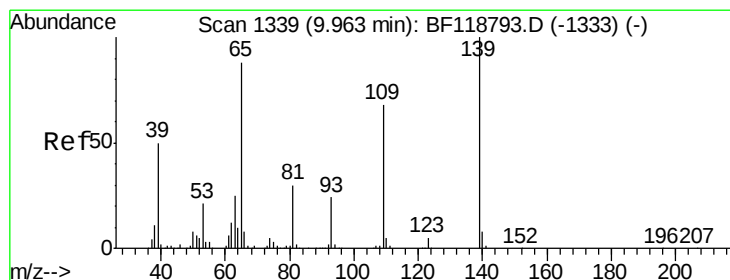
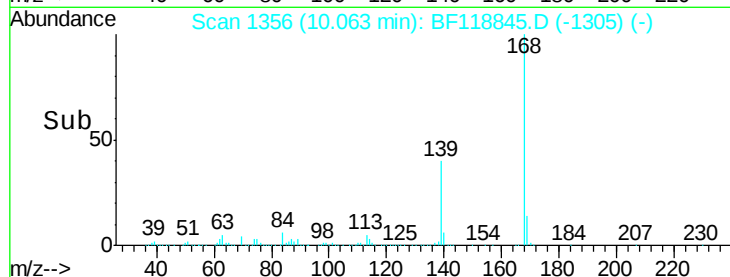
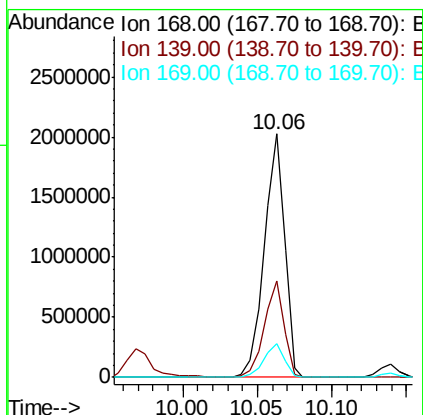
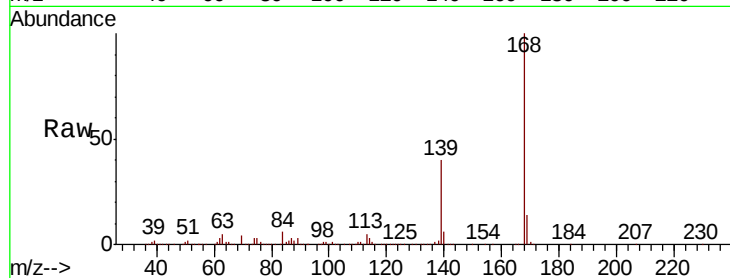




#55
Dibenzofuran
Concen: 41.663 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BF118845.D
Acq: 7 Feb 2020 10:15

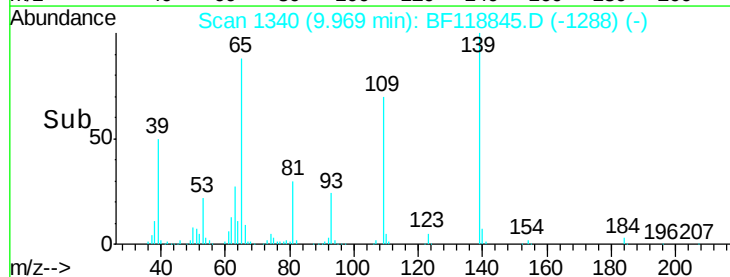
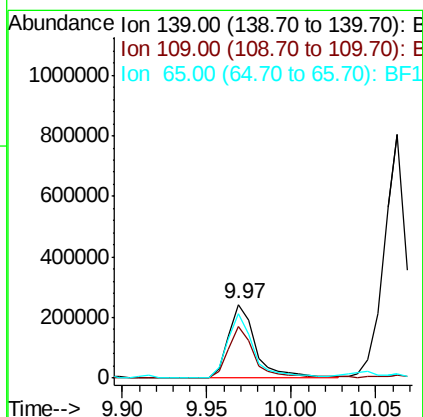
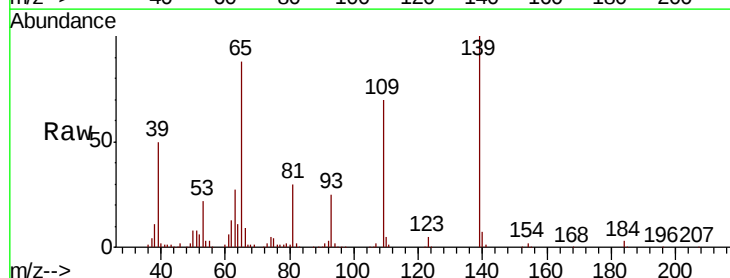
Instrument :
BNA_F
ClientSampleId :

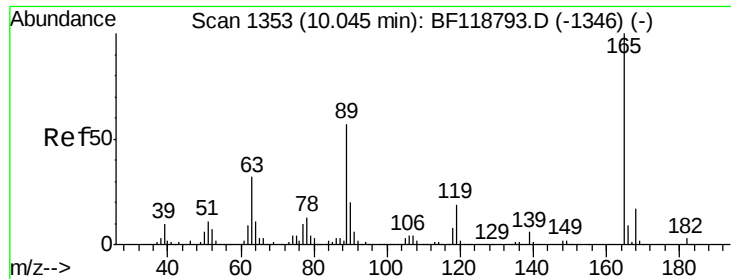
Tot Ion:168 Resp: 1882188
Ion Ratio Lower Upper
168 100
139 39.7 31.6 47.4
169 14.0 11.4 17.2



#56
4-Nitrophenol
Concen: 38.913 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF118845.D
Acq: 7 Feb 2020 10:15

Tgt Ion:139 Resp: 278018
Ion Ratio Lower Upper
139 100
109 70.3 48.0 88.0
65 87.6 68.3 108.3

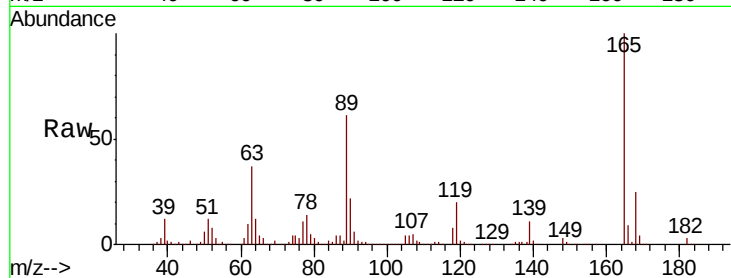




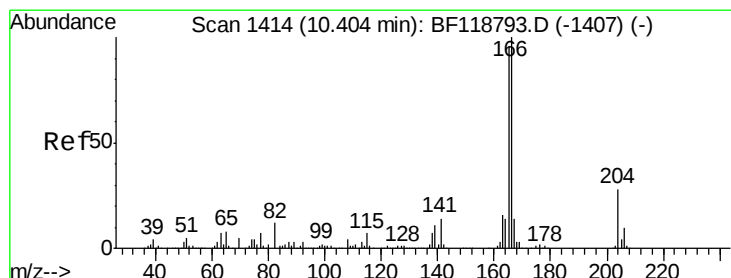
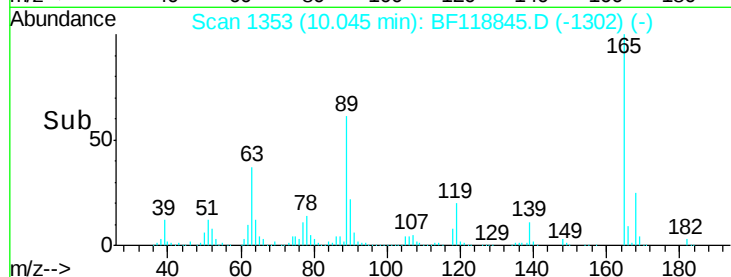
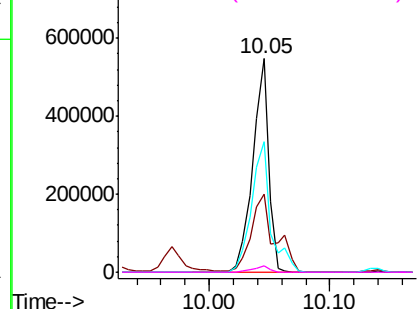
#57
2,4-Dinitrotoluene
Concen: 43.040 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF118845.D
Acq: 7 Feb 2020 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	506999
Ion Ratio	Lower	Upper
165	100	
63	36.8	25.5 38.3
89	61.2	45.4 68.0
182	3.0	2.4 3.6

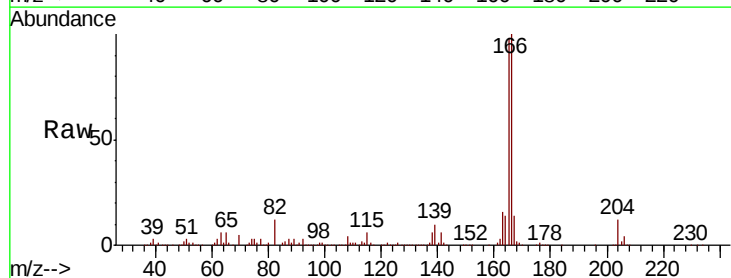


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

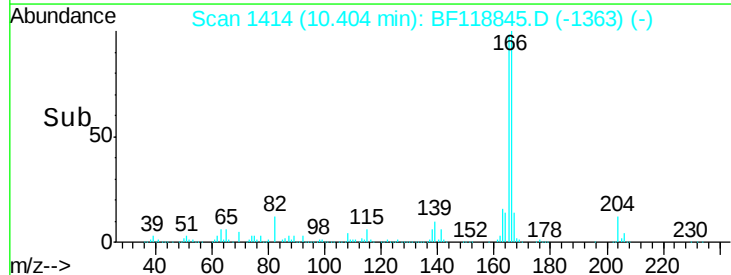
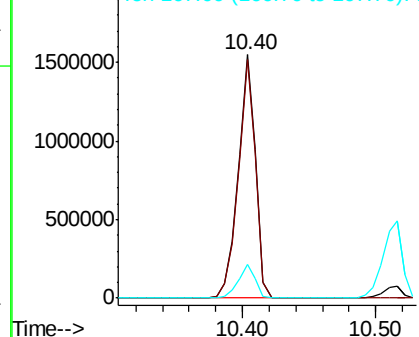


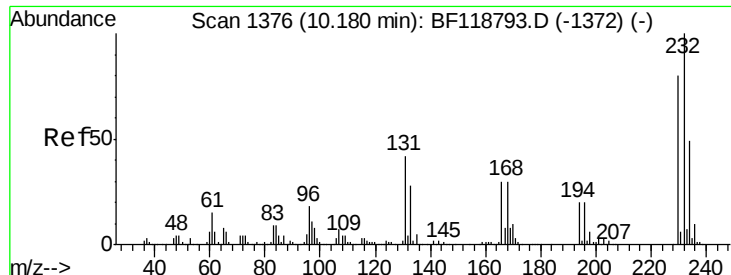
#58
Fluorene
Concen: 41.338 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BF118845.D
Acq: 7 Feb 2020 10:15

Tgt Ion:166	Resp:	1404964
Ion Ratio	Lower	Upper
166	100	
165	98.1	77.0 115.6
167	14.0	11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

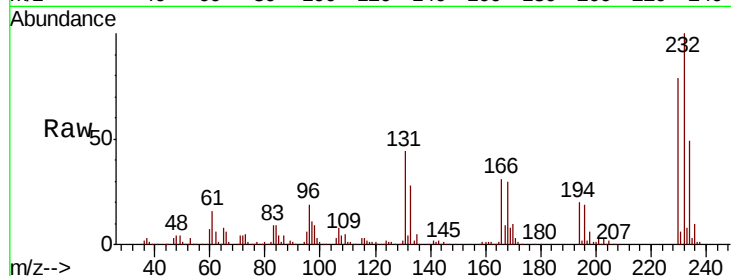




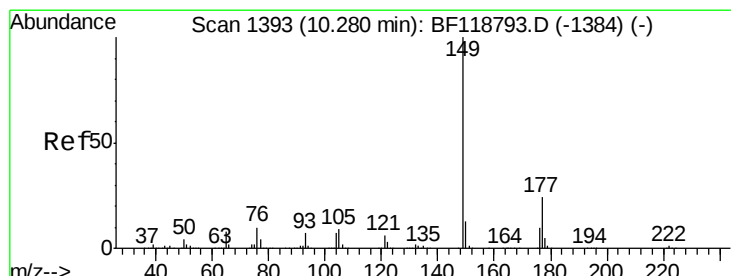
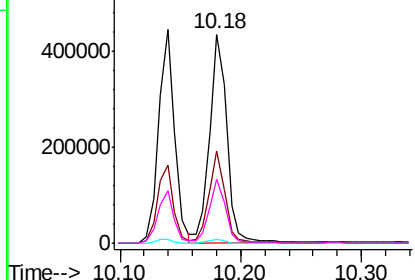
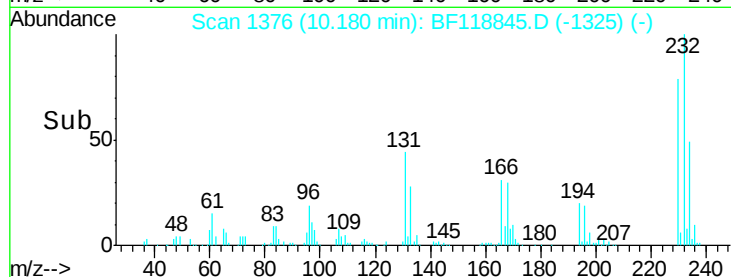
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.916 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: BF118845.D
 Acq: 7 Feb 2020 10:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 431283
 Ion Ratio Lower Upper
 232 100
 131 41.0 31.8 47.6
 130 2.0 1.6 2.4
 166 28.5 23.1 34.7

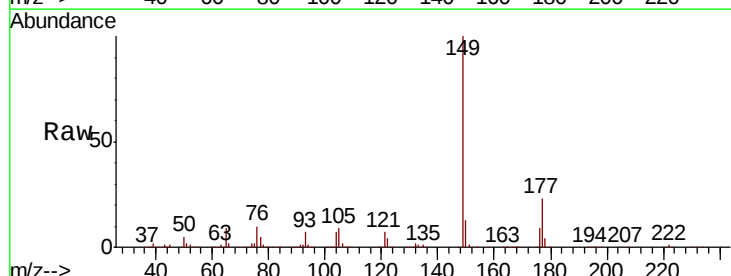


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

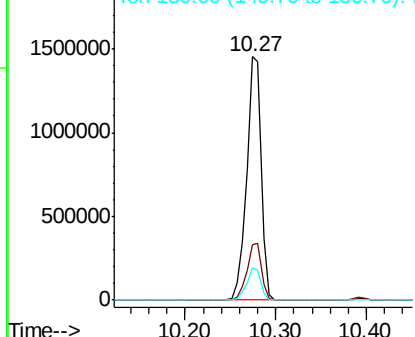
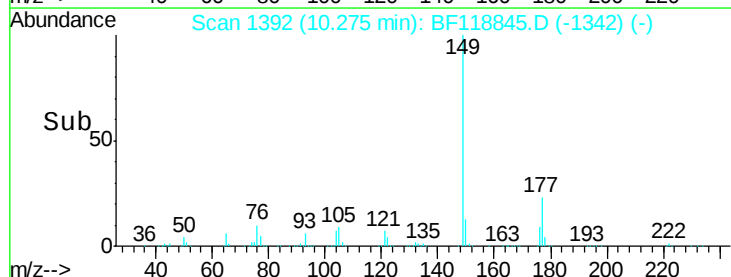


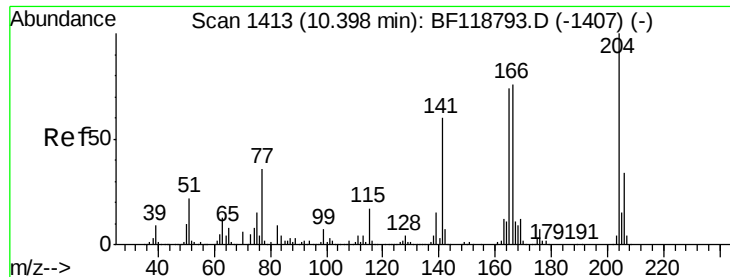
#60
 Diethylphthalate
 Concen: 42.313 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF118845.D
 Acq: 7 Feb 2020 10:15

Tgt Ion:149 Resp: 1600615
 Ion Ratio Lower Upper
 149 100
 177 22.9 19.3 28.9
 150 13.2 10.4 15.6



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

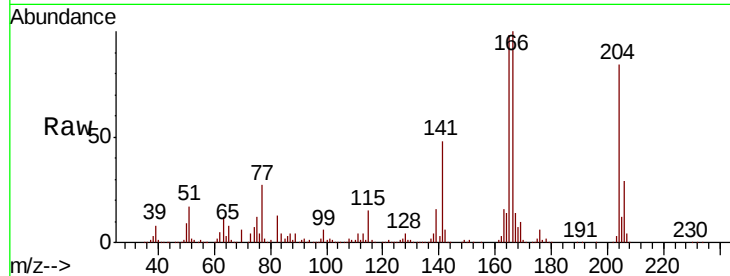




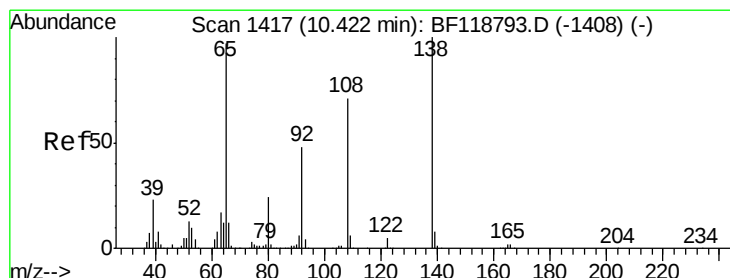
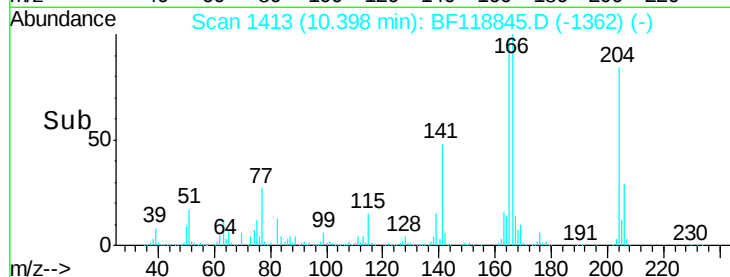
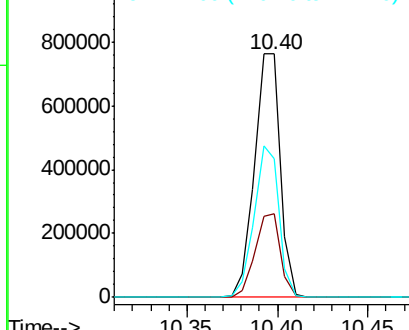
#61
4-Chlorophenyl-phenylether
Concen: 41.089 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF118845.D
Acq: 7 Feb 2020 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 757340
Ion Ratio Lower Upper
204 100
206 34.2 27.4 41.2
141 57.0 47.8 71.6

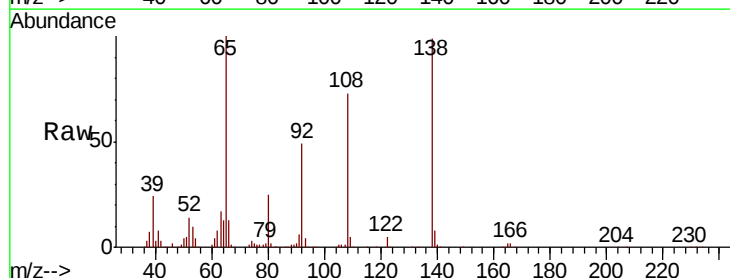


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

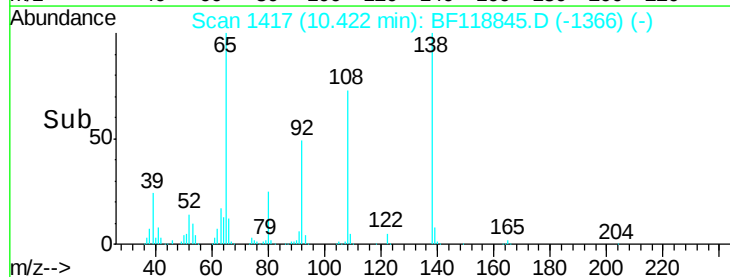
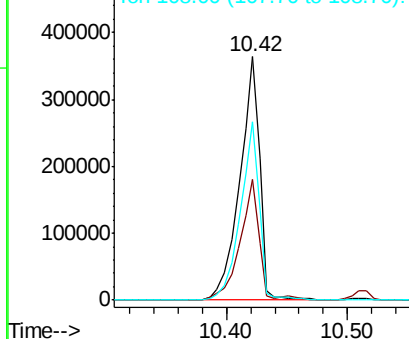


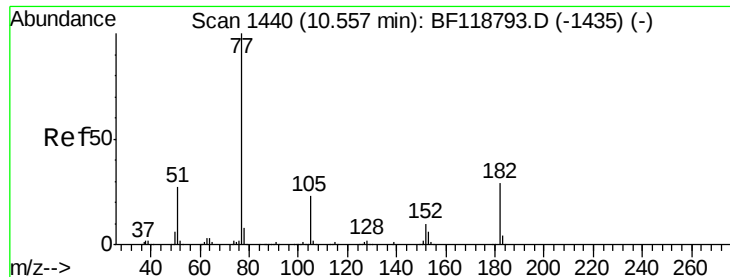
#62
4-Nitroaniline
Concen: 42.391 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BF118845.D
Acq: 7 Feb 2020 10:15

Tgt Ion:138 Resp: 419072
Ion Ratio Lower Upper
138 100
92 49.4 27.6 67.6
108 73.5 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: 42.588 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1375374

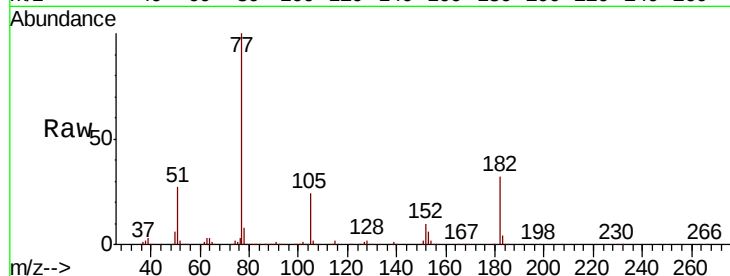
Ion Ratio Lower Upper

77 100

182 31.6 9.2 49.2

105 23.6 3.1 43.1

51 27.3 7.4 47.4

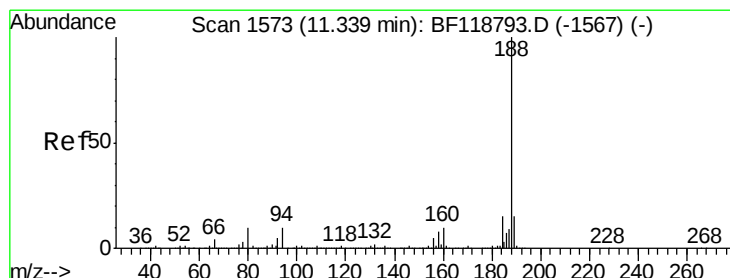
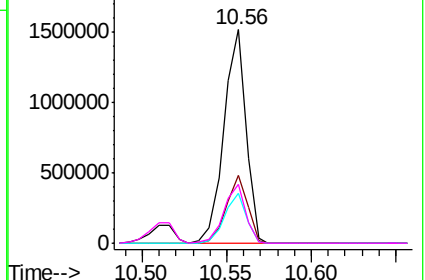
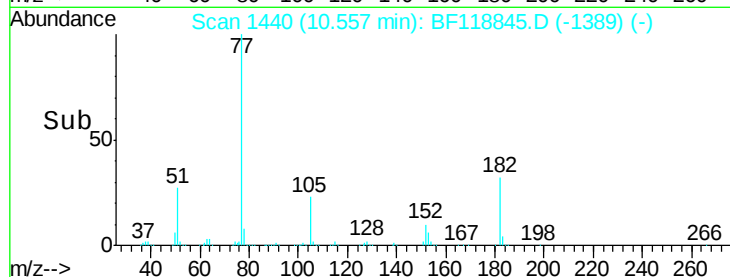


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): 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: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

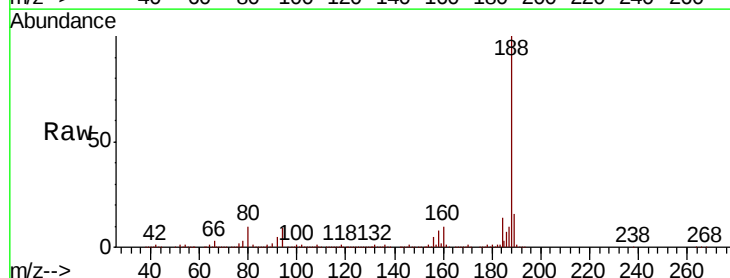
Tgt Ion: 188 Resp: 1033858

Ion Ratio Lower Upper

188 100

94 9.2 7.9 11.9

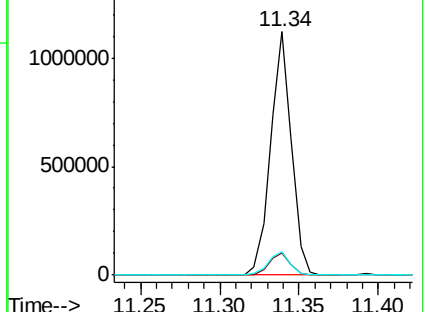
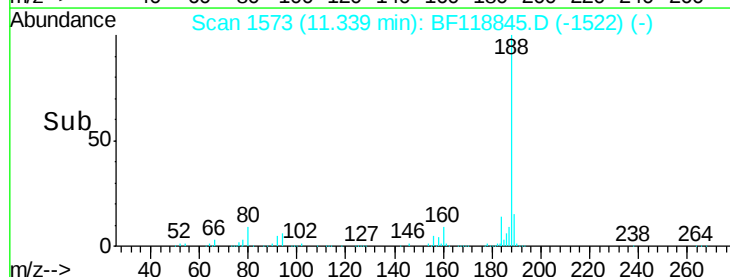
80 9.6 8.4 12.6

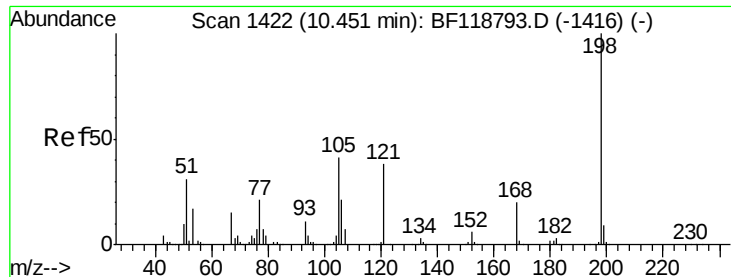


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 42.364 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

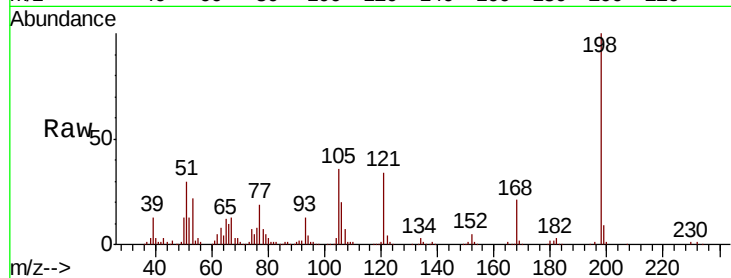
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 246109

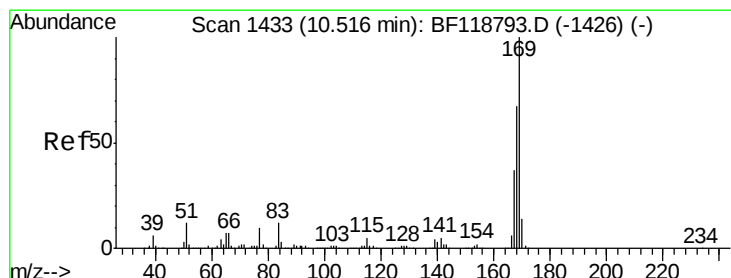
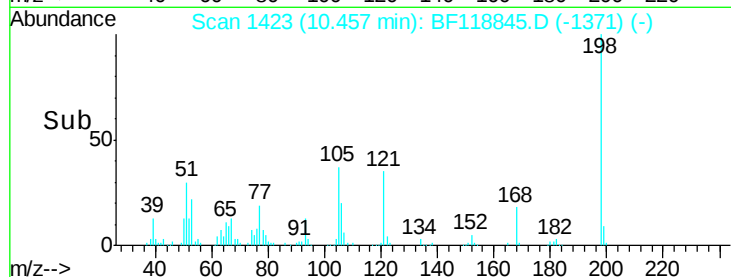
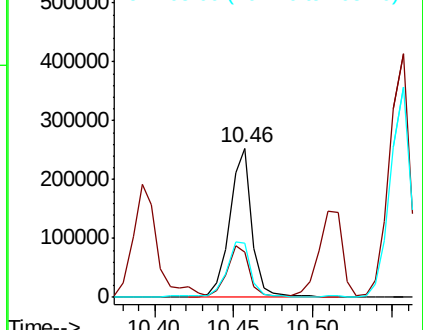
Ion	Ratio	Lower	Upper
198	100		
51	30.1	16.7	56.7
105	36.3	22.0	62.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.258 ng

RT: 10.52 min Scan# 1433

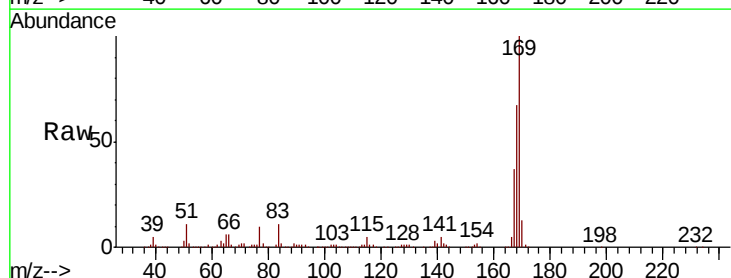
Delta R.T. -0.00 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

Tgt Ion:169 Resp: 1325405

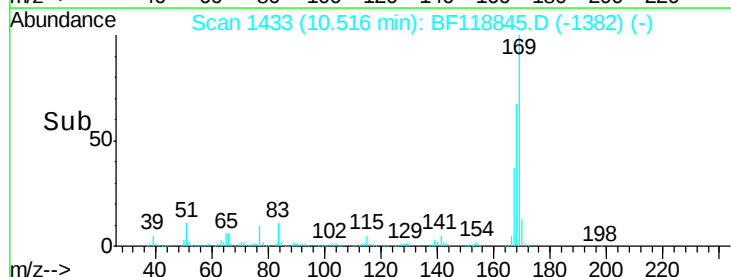
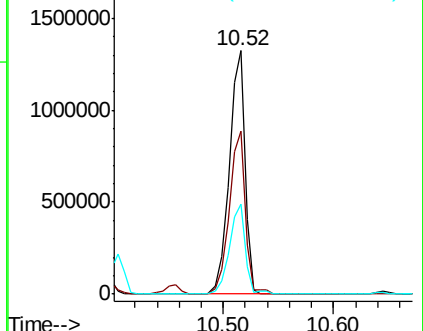
Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.5	80.3
167	37.2	29.3	43.9

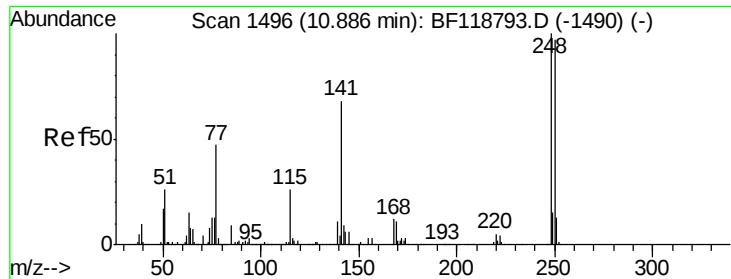


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

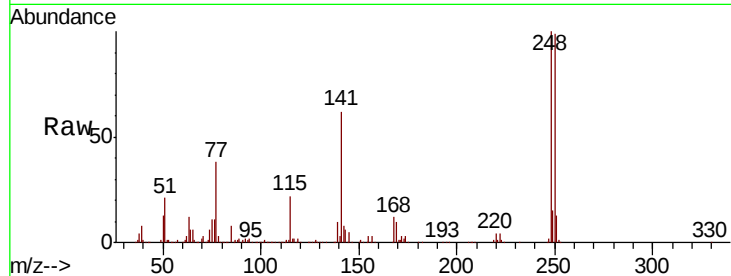




#67
 4-Bromophenyl-phenylether
 Concen: 43.444 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. -0.00 min
 Lab File: BF118845.D
 Acq: 7 Feb 2020 10:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.7	77.6	116.4
141	61.7	54.4	81.6

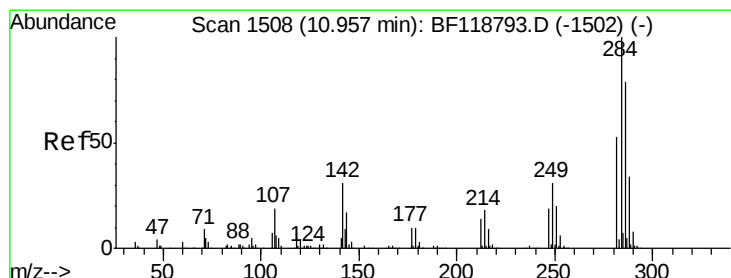
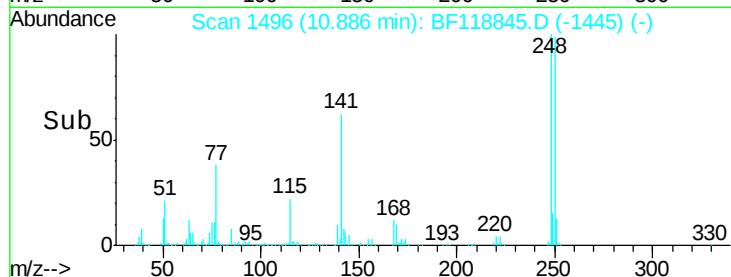
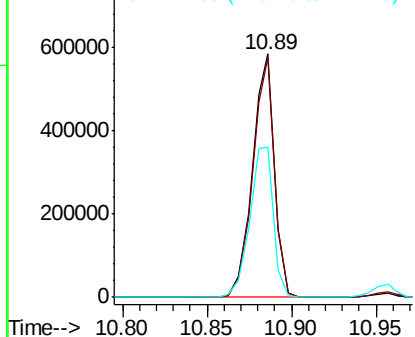


Abundance

Ion 248.00 (247.70 to 248.70): E

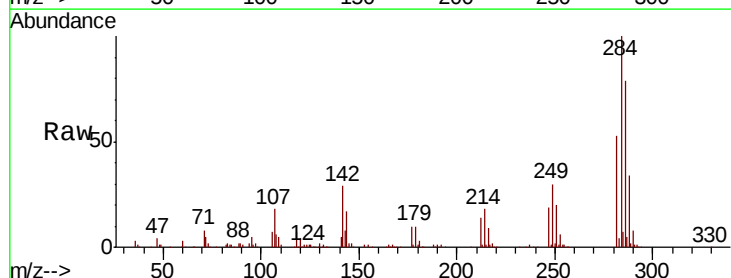
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 42.910 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.00 min
 Lab File: BF118845.D
 Acq: 7 Feb 2020 10:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.3	24.5	36.7
249	30.1	24.7	37.1

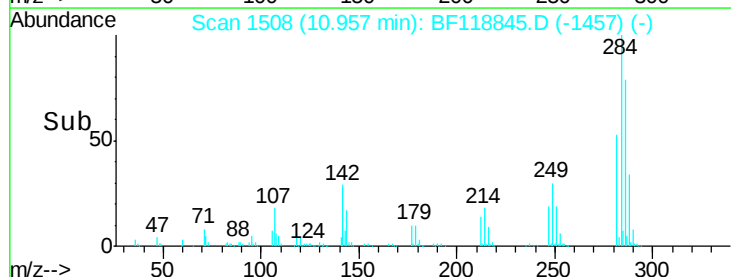
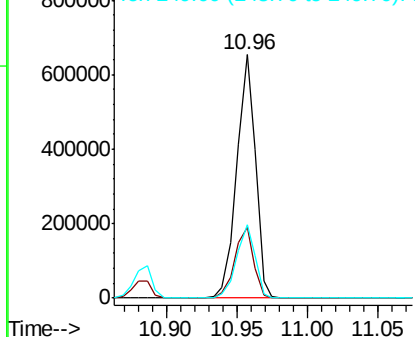


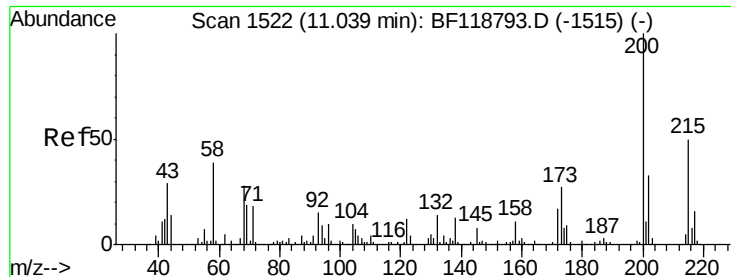
Abundance

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

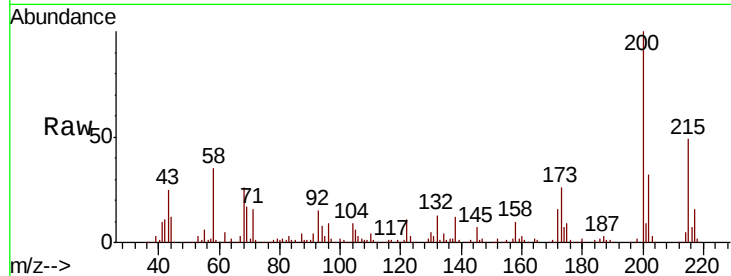




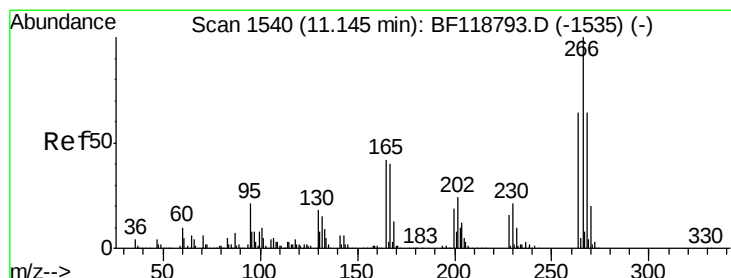
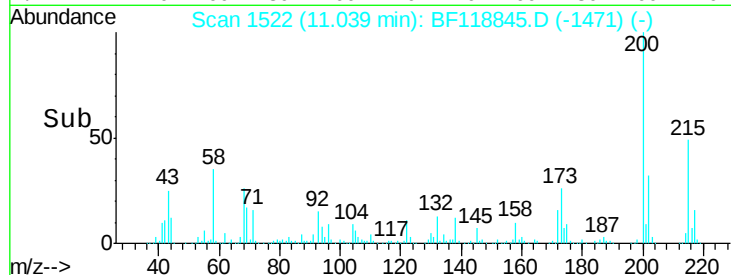
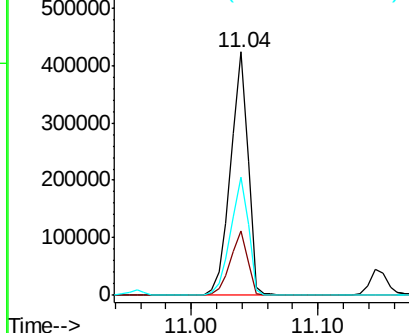
#69
 Atrazine
 Concen: 40.355 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.00 min
 Lab File: BF118845.D
 Acq: 7 Feb 2020 10:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 402625
 Ion Ratio Lower Upper
 200 100
 173 26.5 7.5 47.5
 215 48.7 29.9 69.9

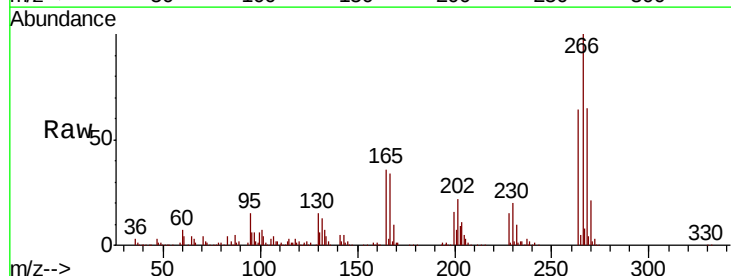


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

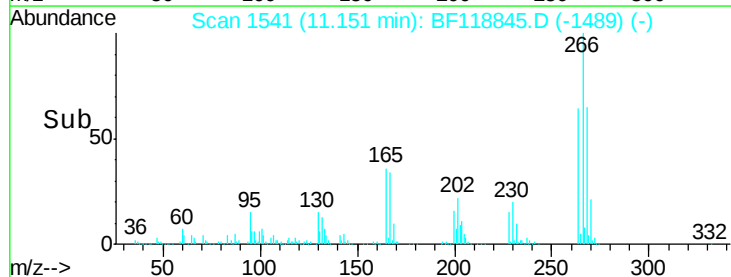
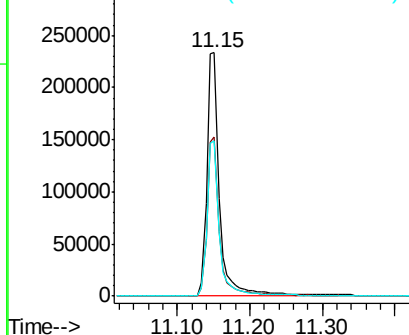


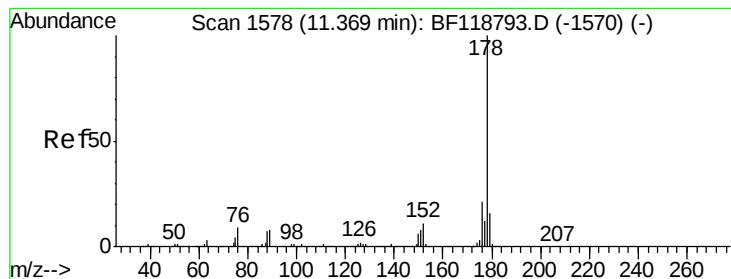
#70
 Pentachlorophenol
 Concen: 38.556 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF118845.D
 Acq: 7 Feb 2020 10:15

Tgt Ion:266 Resp: 285583
 Ion Ratio Lower Upper
 266 100
 268 65.2 51.0 76.6
 264 63.6 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: 42.492 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

Instrument :

BNA_F

ClientSampled :

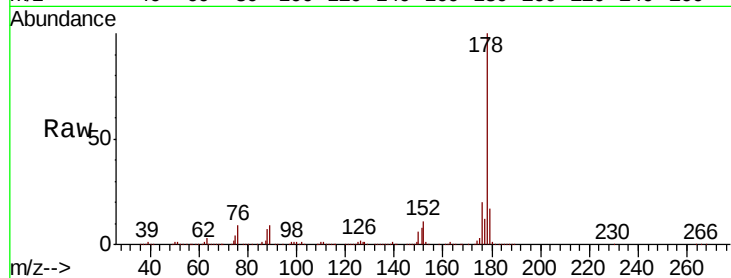
Tot Ion:178 Resp: 2161443

Ion Ratio Lower Upper

178 100

176 20.3 16.6 24.8

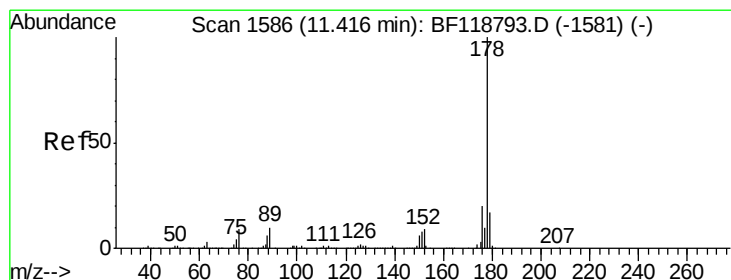
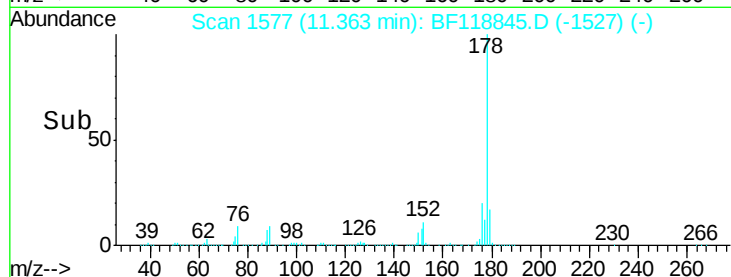
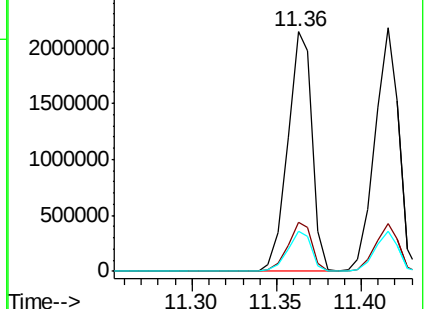
179 16.6 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.574 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

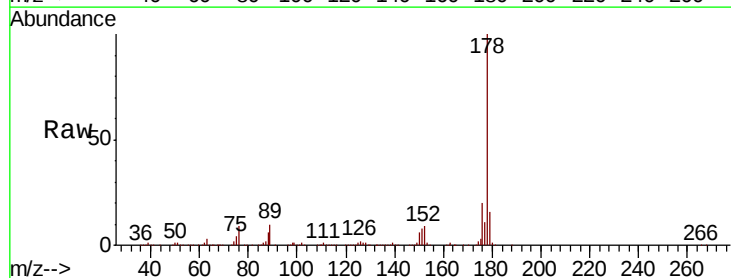
Tgt Ion:178 Resp: 2154422

Ion Ratio Lower Upper

178 100

176 19.6 16.2 24.2

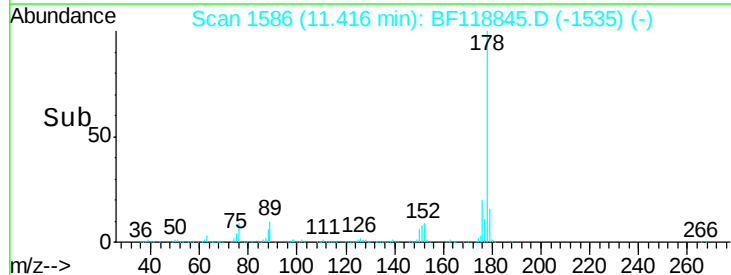
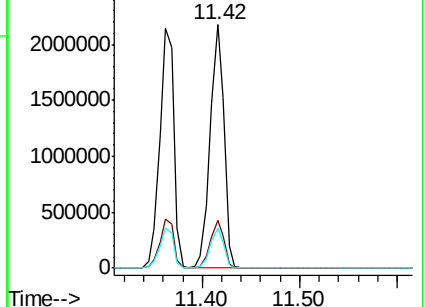
179 16.4 13.4 20.2

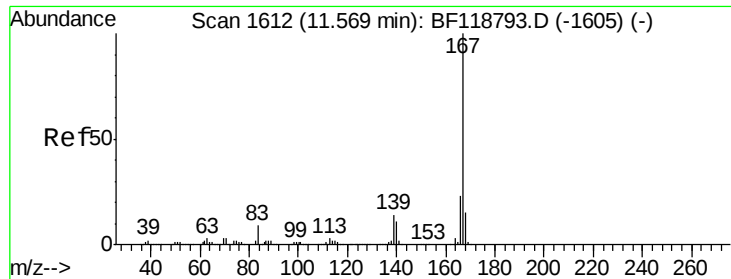


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 43.387 ng

RT: 11.57 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

Instrument :

BNA_F

ClientSampleId :

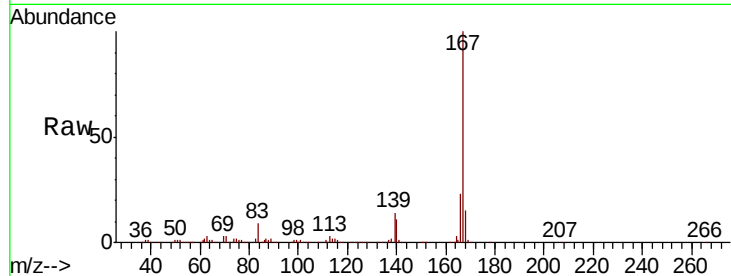
Tot Ion:167 Resp: 1926828

Ion Ratio Lower Upper

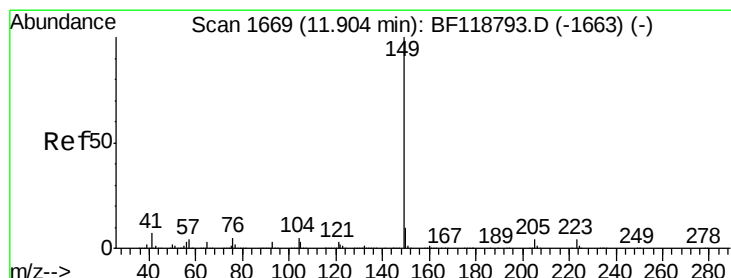
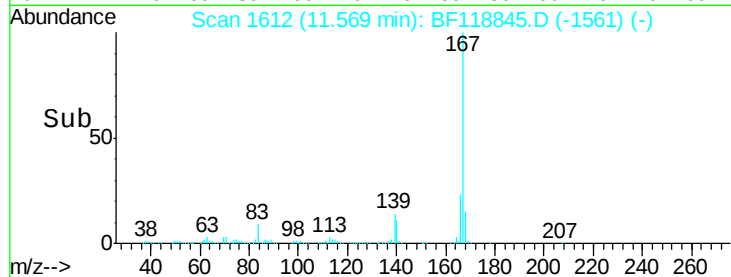
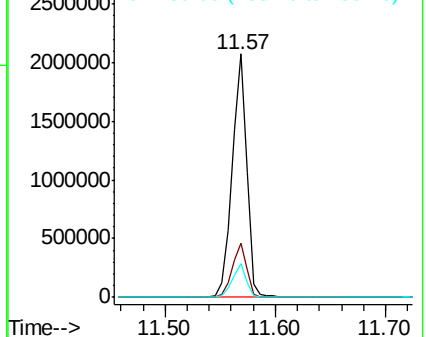
167 100

166 22.5 18.4 27.6

139 13.9 11.1 16.7



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.332 ng

RT: 11.90 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

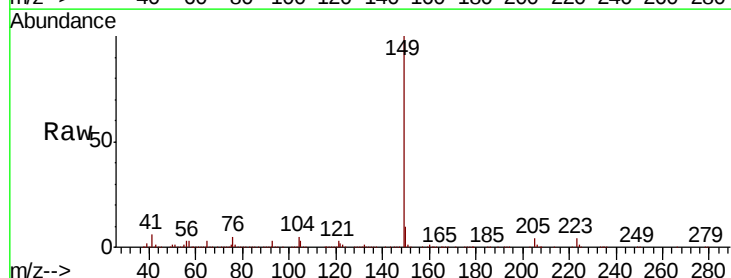
Tgt Ion:149 Resp: 2281725

Ion Ratio Lower Upper

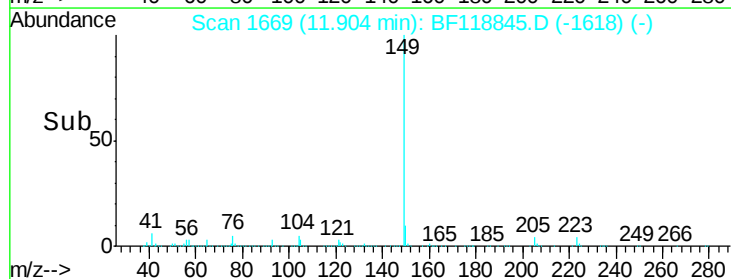
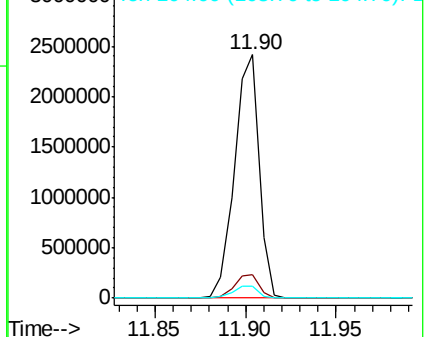
149 100

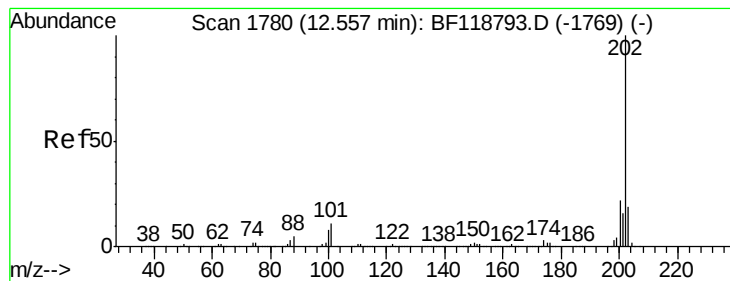
150 9.7 8.1 12.1

104 5.0 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.139 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

Instrument :

BNA_F

ClientSampleId :

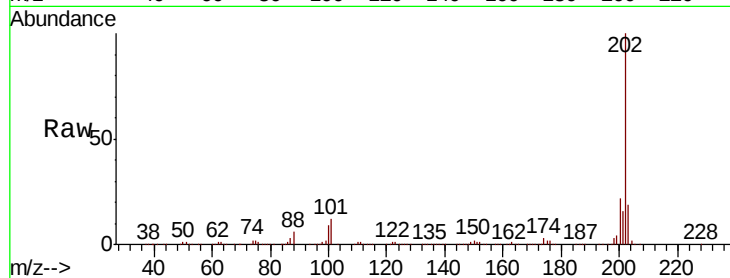
Tot Ion:202 Resp: 2229268

Ion Ratio Lower Upper

202 100

101 12.0 0.0 31.0

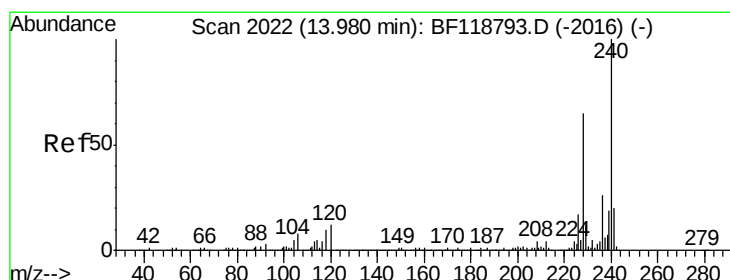
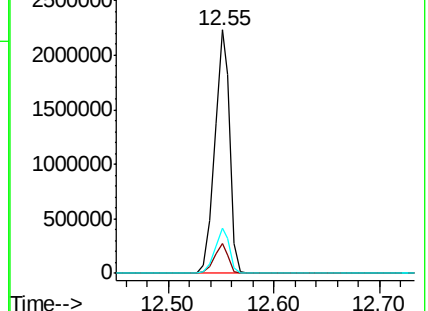
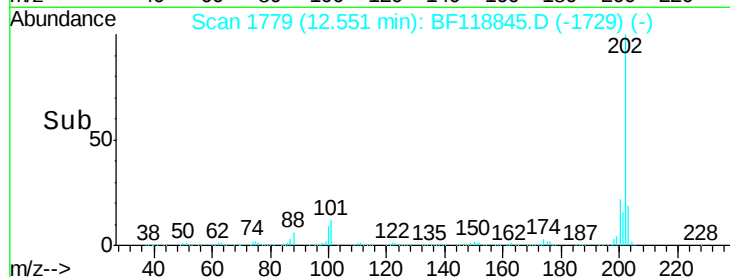
203 18.7 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

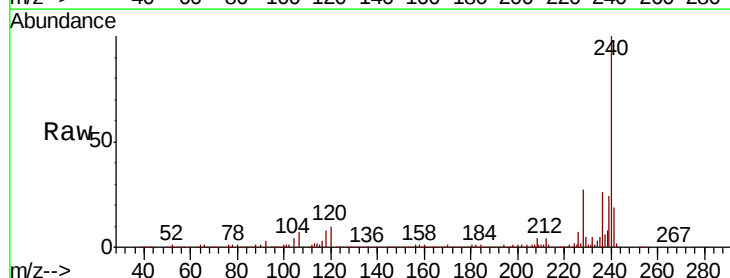
Tgt Ion:240 Resp: 699670

Ion Ratio Lower Upper

240 100

120 9.7 9.4 14.0

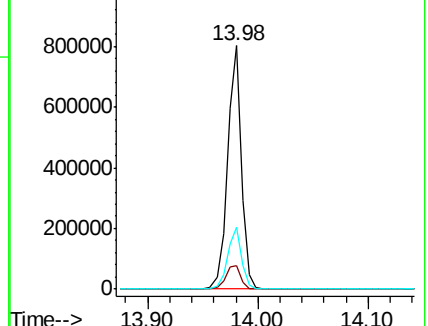
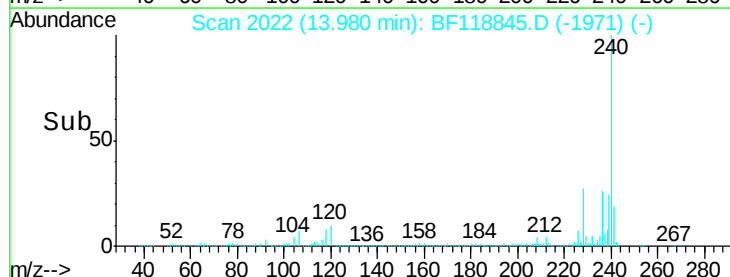
236 25.5 21.0 31.6

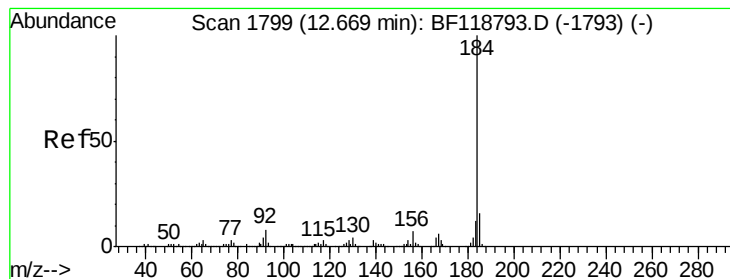


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.597 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

Instrument :

BNA_F

ClientSampleId :

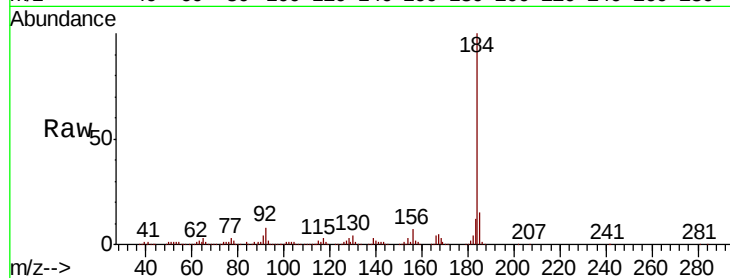
Tot Ion:184 Resp: 859107

Ion Ratio Lower Upper

184 100

185 14.9 12.5 18.7

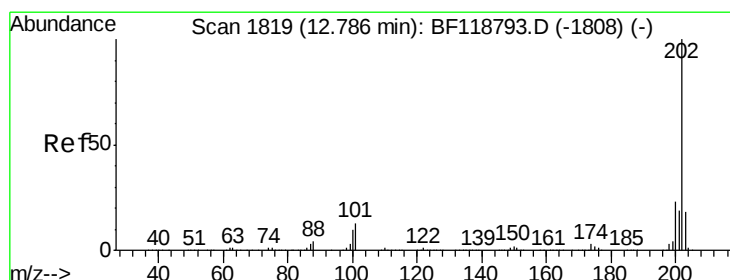
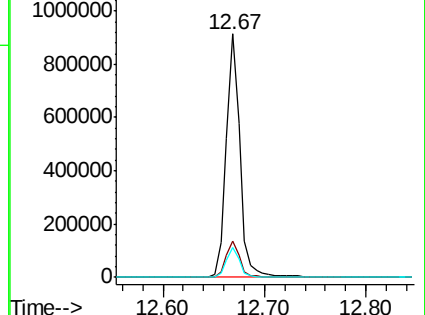
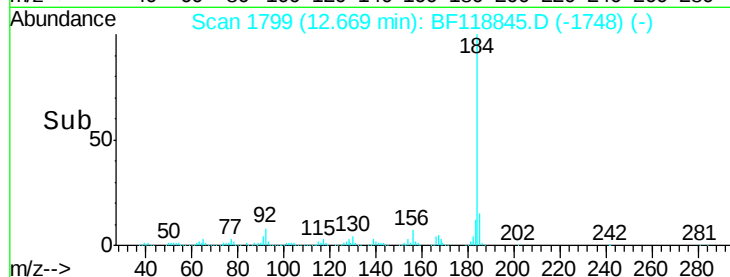
183 12.2 9.7 14.5



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: 45.916 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

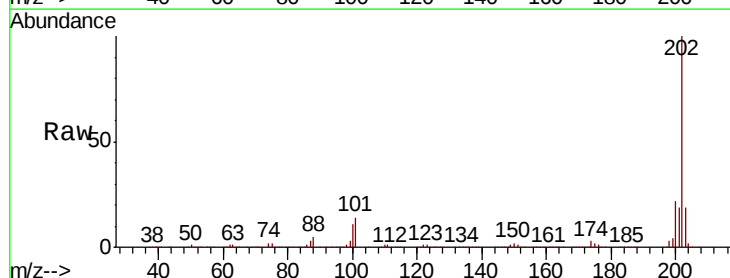
Tgt Ion:202 Resp: 2203918

Ion Ratio Lower Upper

202 100

200 22.5 18.2 27.2

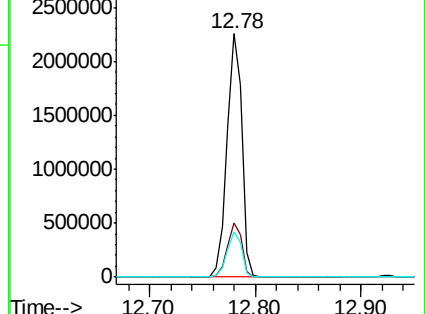
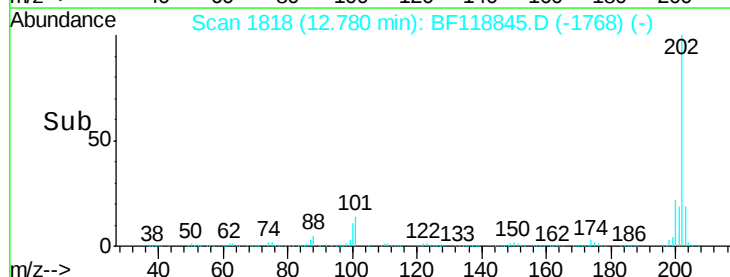
203 18.6 14.8 22.2

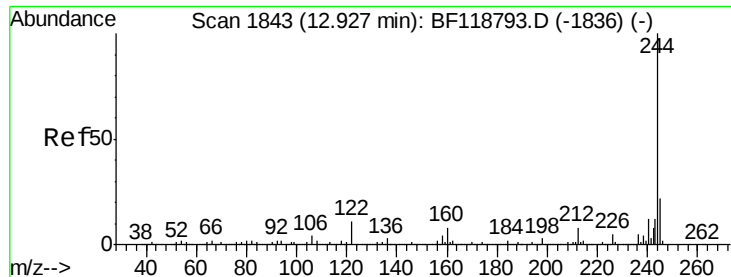


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.437 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.00 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

Instrument :

BNA_F

ClientSampleId :

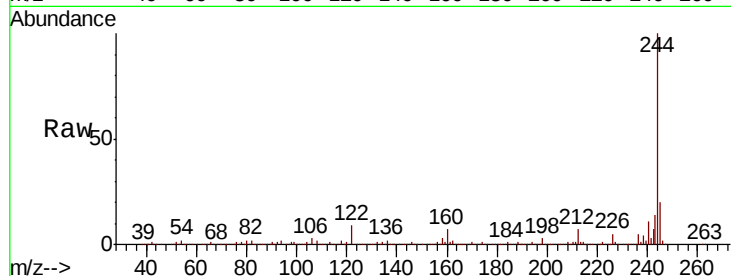
Tot Ion:244 Resp: 3080549

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

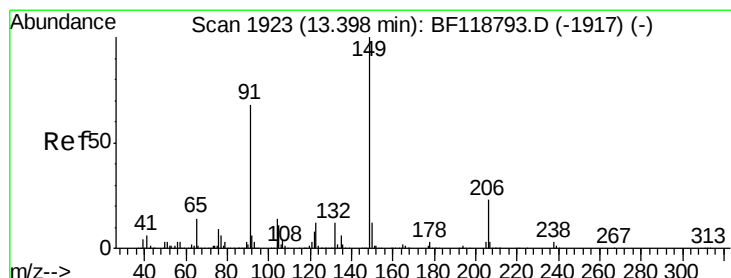
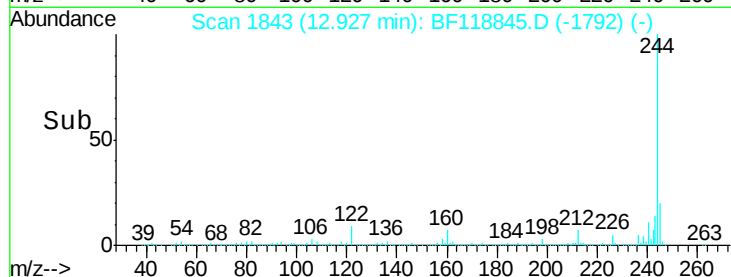
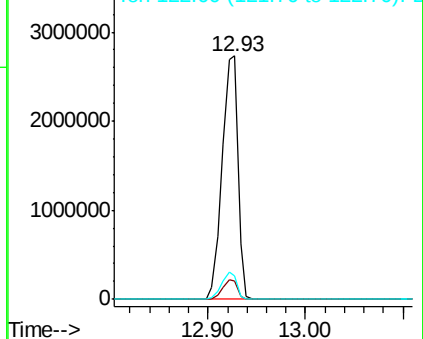
122 9.4 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.250 ng

RT: 13.40 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

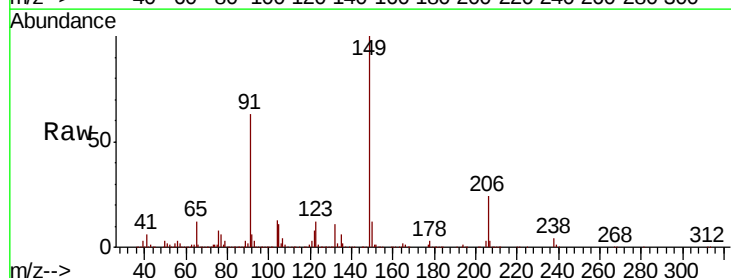
Tgt Ion:149 Resp: 925631

Ion Ratio Lower Upper

149 100

91 63.4 54.7 82.1

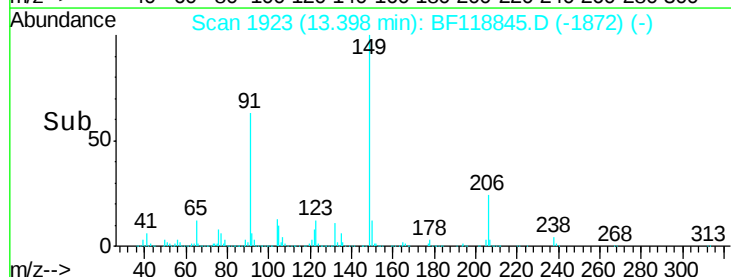
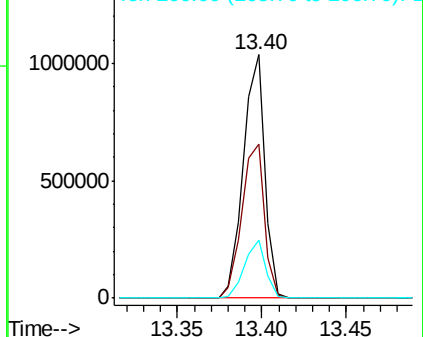
206 24.0 18.5 27.7

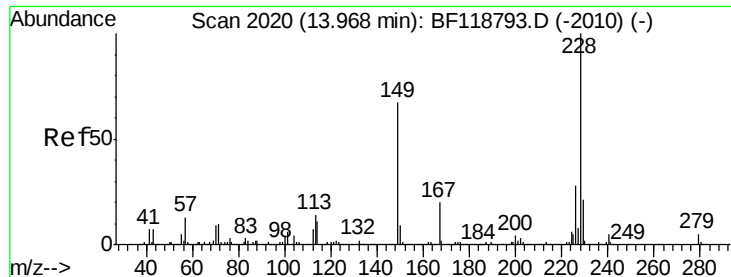


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

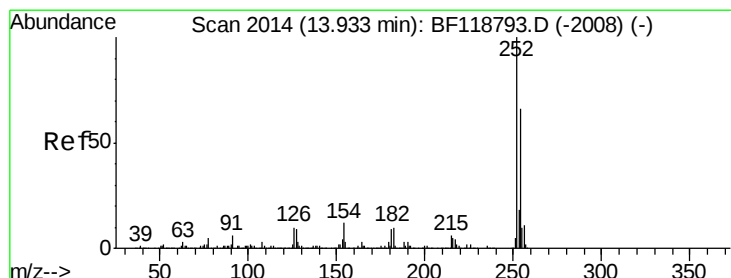
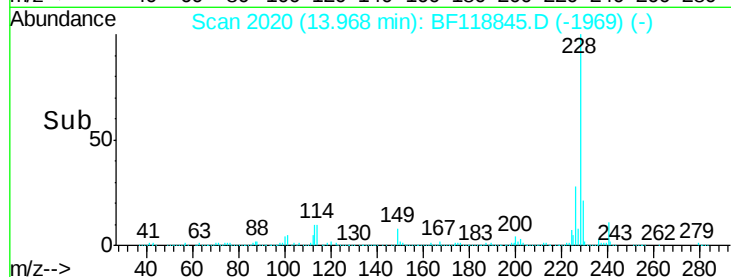
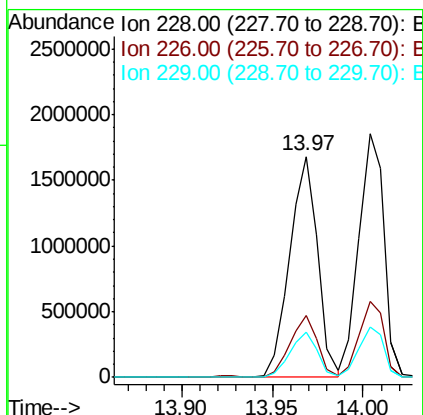
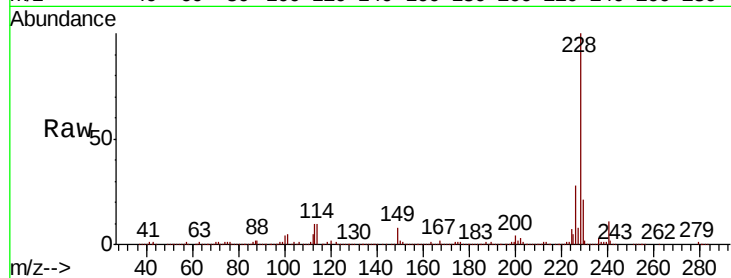




#81
Benzo(a)anthracene
Concen: 43.849 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF118845.D
Acq: 7 Feb 2020 10:15

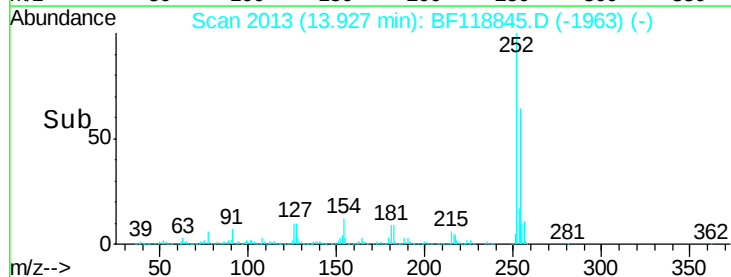
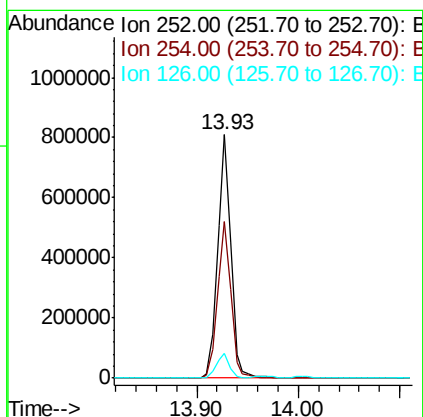
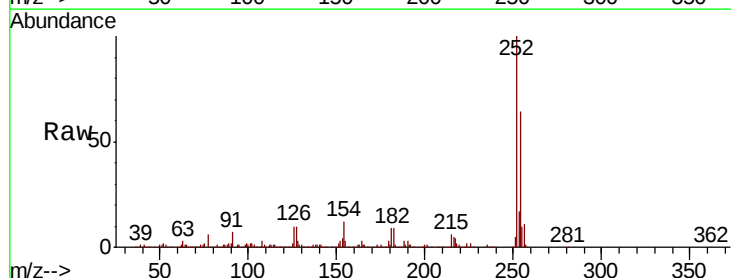
Instrument :
BNA_F
ClientSampleId :

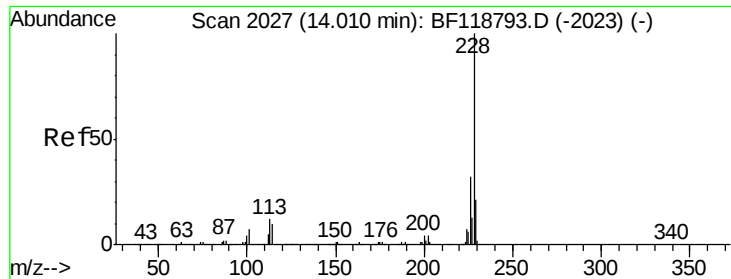
Tot Ion:228 Resp: 1825621
Ion Ratio Lower Upper
228 100
226 28.2 22.7 34.1
229 20.7 16.6 25.0



#82
3,3'-Dichlorobenzidine
Concen: 43.271 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF118845.D
Acq: 7 Feb 2020 10:15

Tgt Ion:252 Resp: 736847
Ion Ratio Lower Upper
252 100
254 64.3 52.4 78.6
126 10.3 7.8 11.8

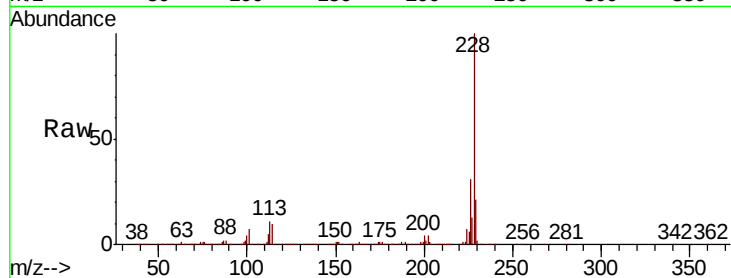




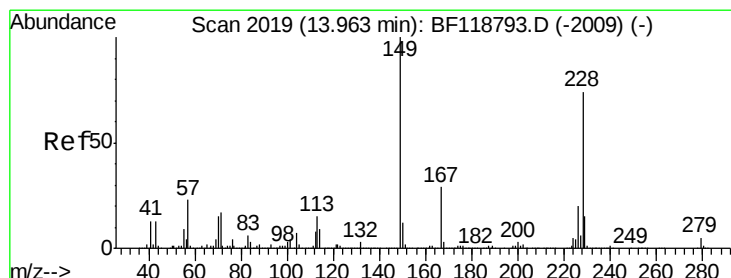
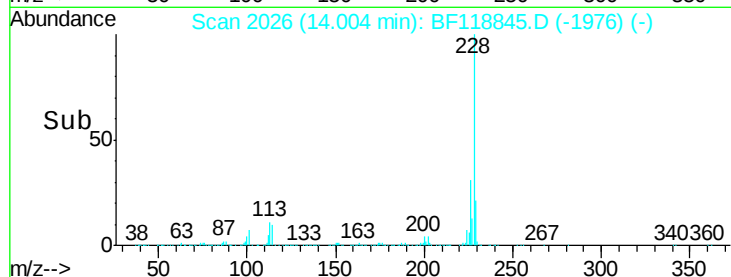
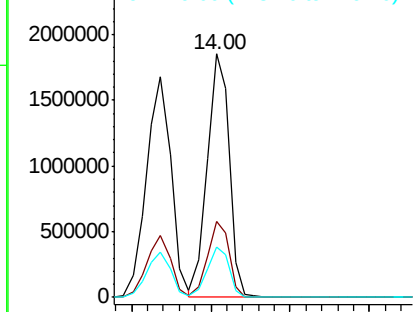
#83
 Chrvsene
 Concen: 43.089 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF118845.D
 Acq: 7 Feb 2020 10:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1800541
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.4 38.0
 229 20.6 16.9 25.3

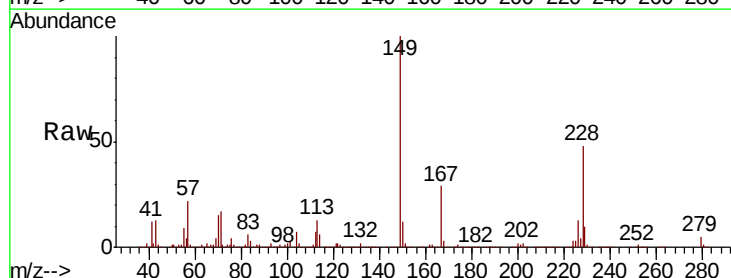


Abundance Ion 228.00 (227.70 to 228.70): E
 2500000 Ion 226.00 (225.70 to 226.70): E
 2000000 Ion 229.00 (228.70 to 229.70): E

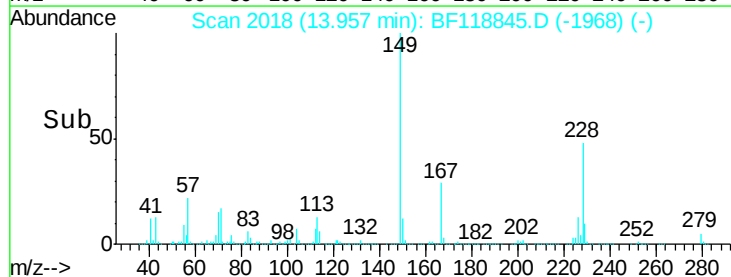
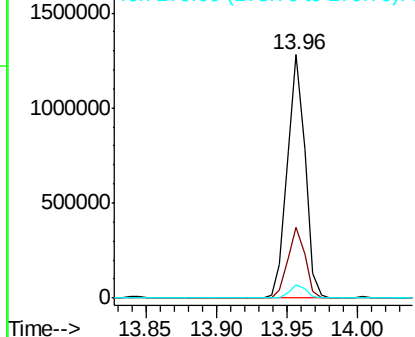


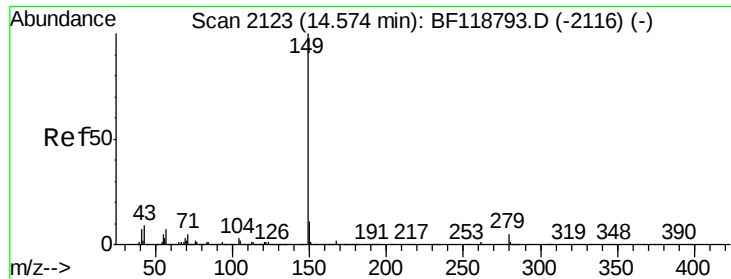
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.321 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF118845.D
 Acq: 7 Feb 2020 10:15

Tgt Ion:149 Resp: 1120746
 Ion Ratio Lower Upper
 149 100
 167 28.9 23.0 34.6
 279 5.5 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E
 1500000 Ion 167.00 (166.70 to 167.70): E
 1000000 Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.639 ng

RT: 14.57 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

Instrument :

BNA_F

ClientSampleId :

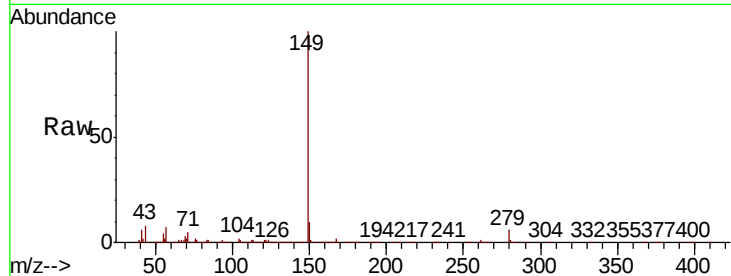
Tot Ion:149 Resp: 1792252

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

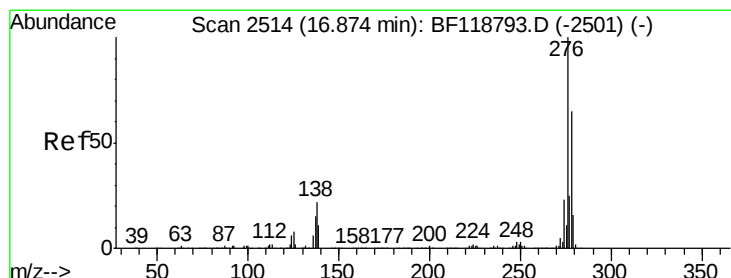
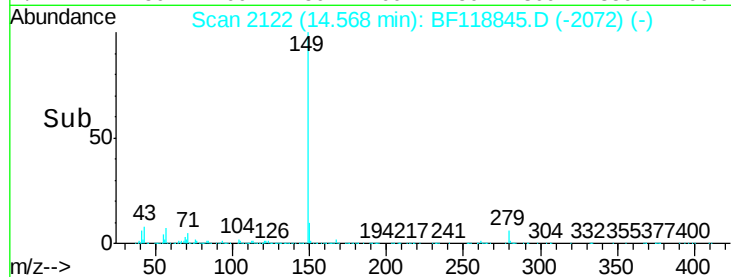
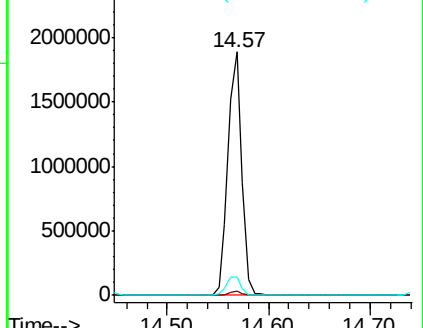
43 8.3 6.6 10.0



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: 43.029 ng

RT: 16.87 min Scan# 2513

Delta R.T. -0.01 min

Lab File: BF118845.D

Acq: 7 Feb 2020 10:15

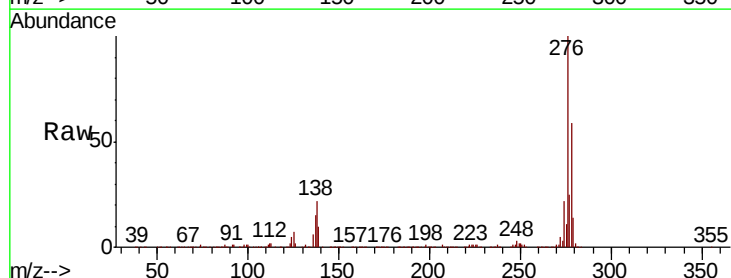
Tgt Ion:276 Resp: 1806533

Ion Ratio Lower Upper

276 100

138 22.8 18.3 27.5

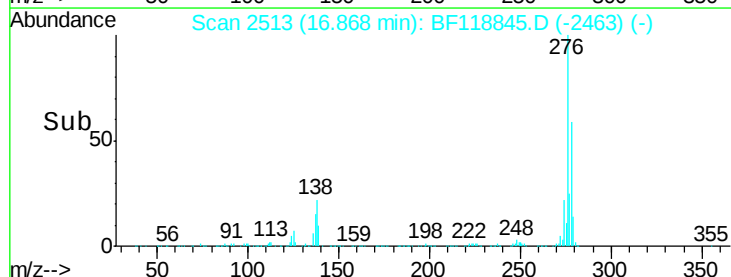
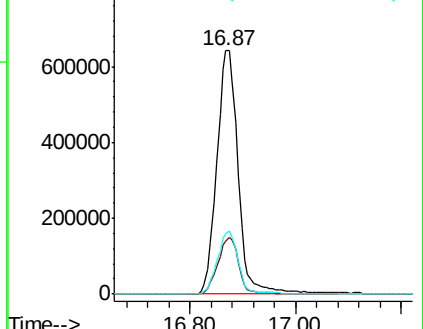
277 25.5 20.2 30.4

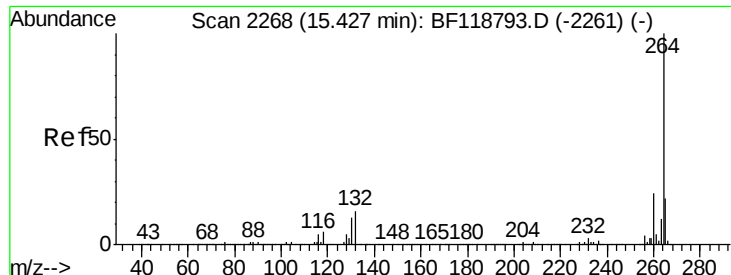


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



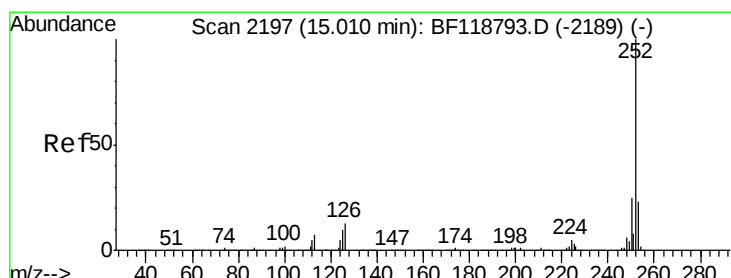
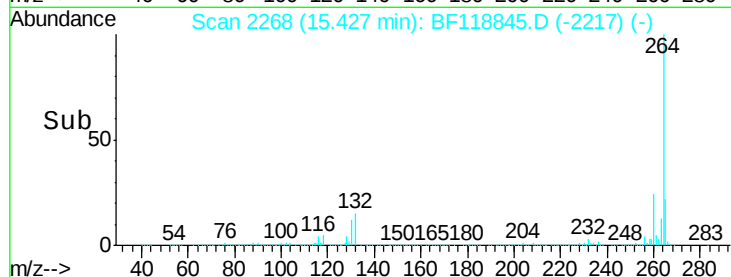
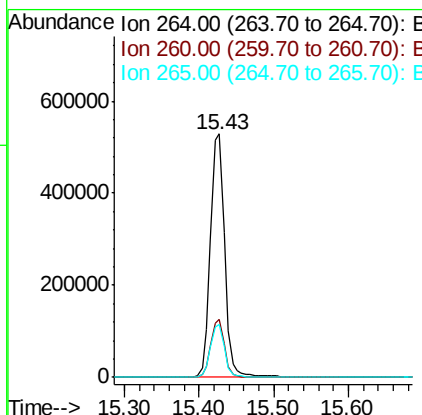
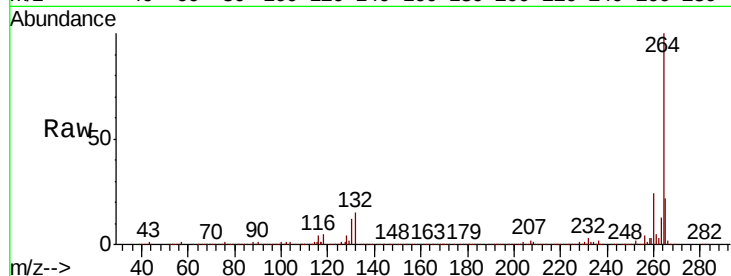


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.00 min
Lab File: BF118845.D
Acq: 7 Feb 2020 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 702321

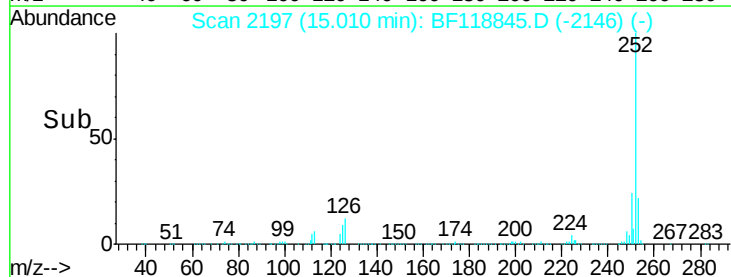
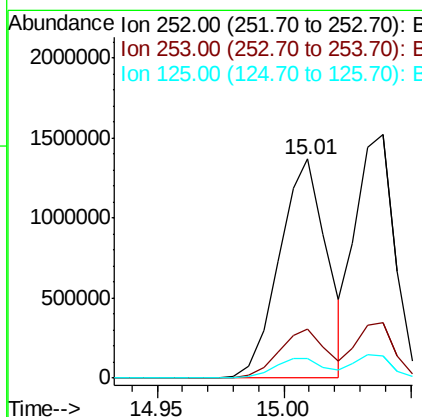
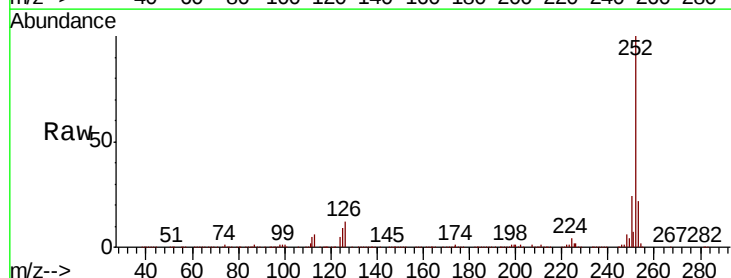
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	21.8	17.2	25.8

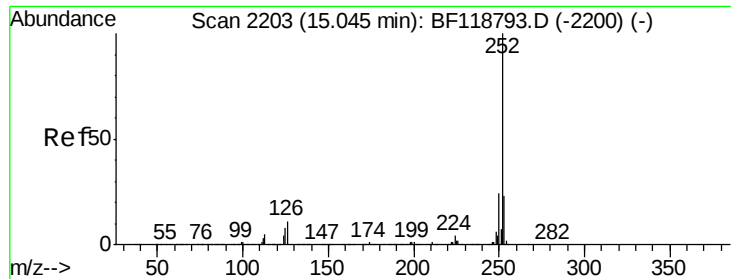


#88
Benzo(b)fluoranthene
Concen: 40.884 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BF118845.D
Acq: 7 Feb 2020 10:15

Tgt Ion:252 Resp: 1781729

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	9.1	8.1	12.1

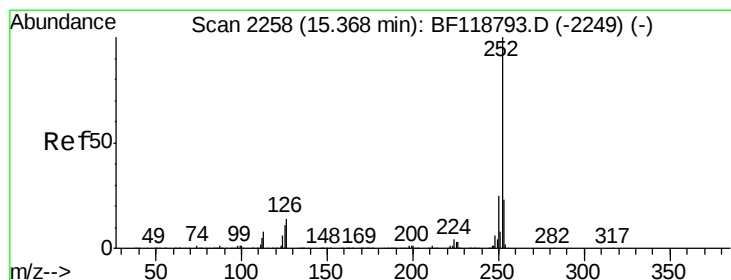
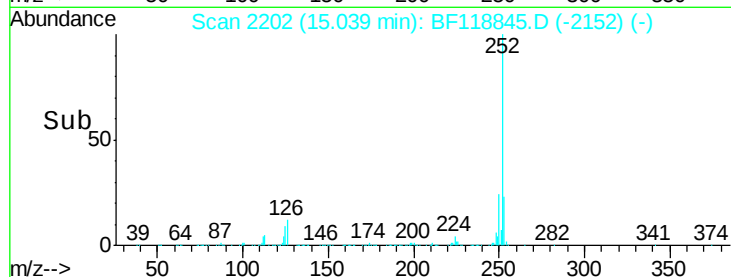
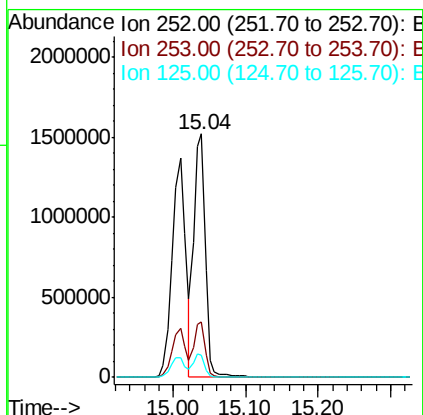
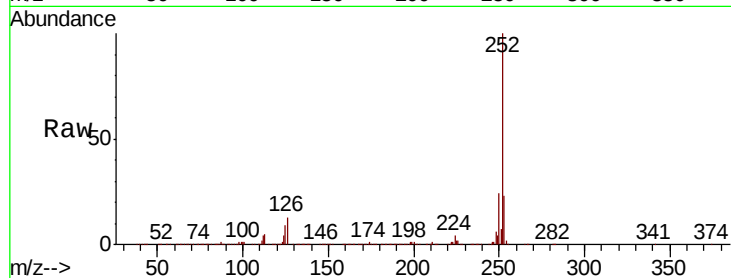




#89
Benzo(k)fluoranthene
Concen: 44.191 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF118845.D
Acq: 7 Feb 2020 10:15

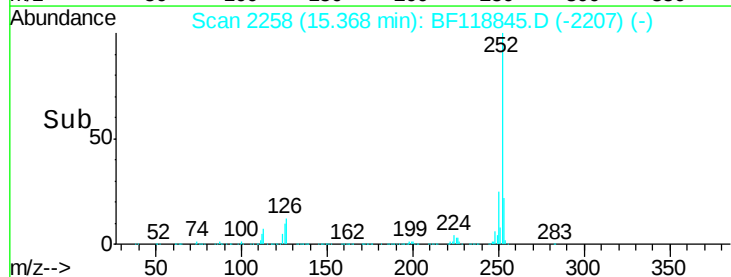
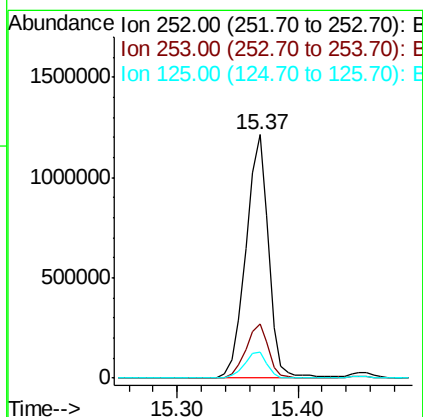
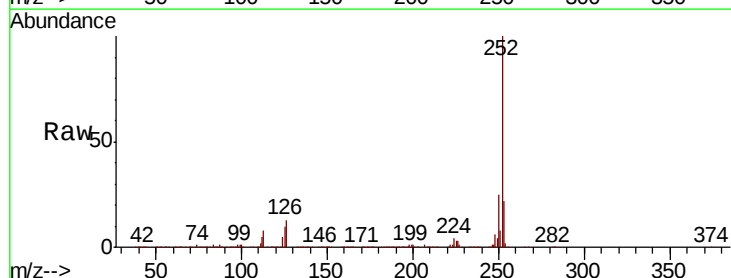
Instrument :
BNA_F
ClientSampleId :

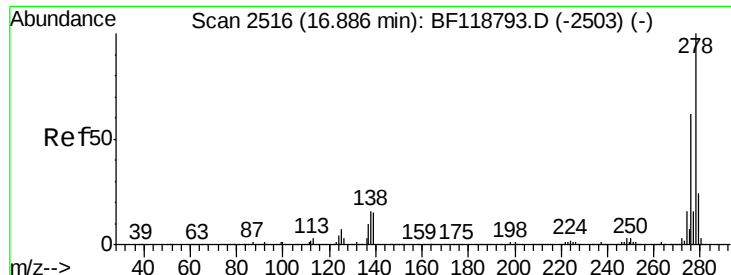
Tot Ion:252 Resp: 1677039
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.4
125 9.0 7.0 10.6



#90
Benzo(a)pyrene
Concen: 42.653 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.00 min
Lab File: BF118845.D
Acq: 7 Feb 2020 10:15

Tgt Ion:252 Resp: 1590796
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 10.4 8.7 13.1

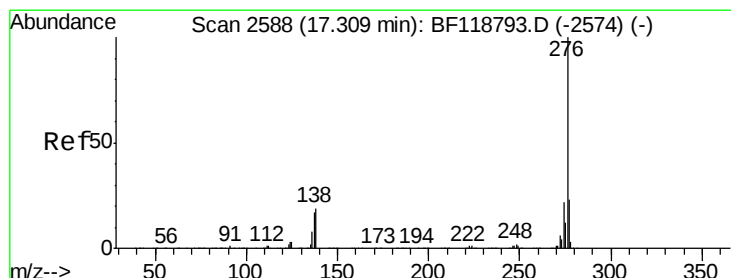
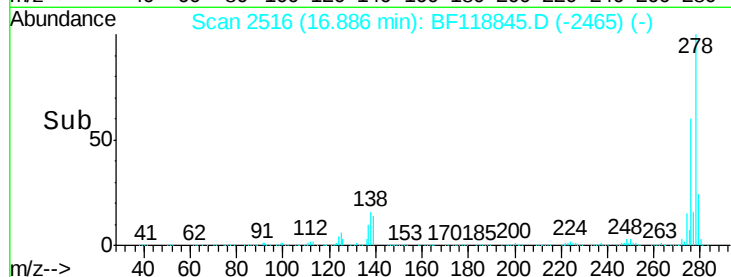
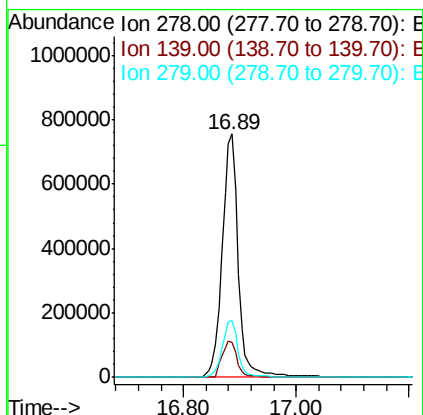
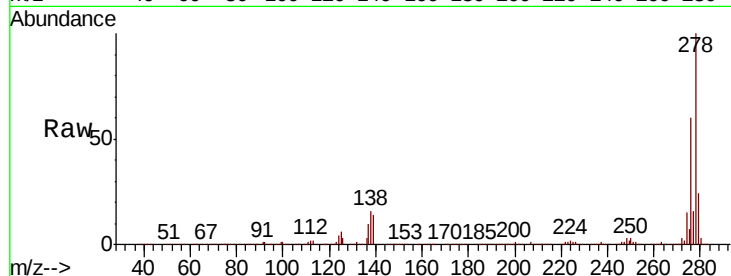




#91
Dibenzo(a,h)anthracene
Concen: 44.981 ng
RT: 16.89 min Scan# 2516
Delta R.T. -0.00 min
Lab File: BF118845.D
Acq: 7 Feb 2020 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1489287
Ion Ratio Lower Upper
278 100
139 14.2 12.3 18.5
279 23.6 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 44.592 ng
RT: 17.30 min Scan# 2587
Delta R.T. -0.01 min
Lab File: BF118845.D
Acq: 7 Feb 2020 10:15

Tgt Ion:276 Resp: 1419892
Ion Ratio Lower Upper
276 100
277 23.0 18.7 28.1
138 20.1 15.4 23.2

