

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
 Data File : BF109744.D
 Acq On : 10 Oct 2018 16:04
 Operator : JU/SJ
 Sample : J5302-03MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 17:26:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	82843	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	333754	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	166378	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	334534	20.00	ng	0.00
75) Chrysene-d12	13.83	240	247038	20.00	ng	0.00
86) Perylene-d12	15.23	264	209248	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	566246	121.33	ng	0.00
7) Phenol-d6	6.35	99	735159	117.91	ng	0.00
23) Nitrobenzene-d5	7.26	82	502957	83.07	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	211644	116.75	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	821084	67.97	ng	0.00
78) Terphenyl-d14	12.78	244	881050	69.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	69149	28.231	ng	97
3) Pyridine	3.13	79	159468	31.557	ng	99
4) n-Nitrosodimethylamine	3.05	42	68126	37.350	ng	94
6) Aniline	6.37	93	192223	26.467	ng	98
8) 2-Chlorophenol	6.49	128	228613	39.829	ng	98
9) Benzaldehyde	6.25	77	105056	26.185	ng	96
10) Phenol	6.36	94	272967	38.181	ng	81
11) bis(2-Chloroethyl)ether	6.43	93	187591	31.650	ng	98
12) 1,3-Dichlorobenzene	6.64	146	236911	36.087	ng	97
13) 1,4-Dichlorobenzene	6.72	146	262098	36.625	ng	99
14) 1,2-Dichlorobenzene	6.86	146	226588	36.053	ng	99
15) Benzyl Alcohol	6.85	79	180942	39.147	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	294549	37.478	ng	99
17) 2-Methylphenol	6.96	107	177680	39.144	ng	92
18) Hexachloroethane	7.20	117	93746	37.061	ng	96
19) n-Nitroso-di-n-propylamine	7.12	70	161875	37.023	ng	97
20) 3+4-Methylphenols	7.12	107	217503	38.887	ng	94
22) Acetophenone	7.11	105	335740	41.599	ng	# 99
24) Nitrobenzene	7.28	77	238609	37.873	ng	100
25) Isophorone	7.52	82	450029	44.761	ng	100
26) 2-Nitrophenol	7.60	139	116513	39.537	ng	98
27) 2,4-Dimethylphenol	7.65	122	194551	45.717	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	277199	40.760	ng	99
29) 2,4-Dichlorophenol	7.85	162	197404	41.356	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	204538	38.709	ng	99
31) Naphthalene	8.00	128	676747	43.844	ng	99
32) Benzoic acid	7.75	122	20911	6.873	ng	# 80
33) 4-Chloroaniline	8.06	127	104663	15.398	ng	98
34) Hexachlorobutadiene	8.12	225	120840	36.781	ng	99
35) Caprolactam	8.42	113	30161	21.158	ng	91
36) 4-Chloro-3-methylphenol	8.55	107	212195	42.114	ng	99
37) 2-Methylnaphthalene	8.69	142	443780	43.892	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	208255	36.771	ng	99
40) Hexachlorocyclopentadiene	8.85	237	168669	69.094	ng	99

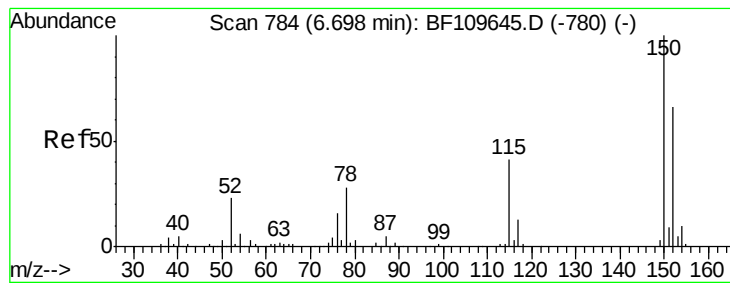
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
 Data File : BF109744.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	130337	38.497	ng	99
43) 2,4,5-Trichlorophenol	9.02	196	156776	40.273	ng	98
45) 1,1'-Biphenyl	9.15	154	549914	36.998	ng	100
46) 2-Chloronaphthalene	9.17	162	423406	38.023	ng	98
47) 2-Nitroaniline	9.28	65	138563	41.095	ng	94
48) Acenaphthylene	9.59	152	676799	41.690	ng	98
49) Dimethylphthalate	9.46	163	570486	46.753	ng	99
50) 2,6-Dinitrotoluene	9.52	165	109676	41.465	ng	95
51) Acenaphthene	9.76	154	373587	38.820	ng	100
52) 3-Nitroaniline	9.69	138	68444	23.084	ng	99
53) 2,4-Dinitrophenol	9.80	184	34960	40.966	ng	89
54) Dibenzofuran	9.93	168	576120	39.938	ng	98
55) 4-Nitrophenol	9.87	139	131237	80.864	ng	95
56) 2,4-Dinitrotoluene	9.92	165	143537	43.484	ng	92
57) Fluorene	10.27	166	460281	42.727	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	135087	42.690	ng	99
59) Diethylphthalate	10.15	149	497971	41.188	ng	100
60) 4-Chlorophenyl-phenylether	10.26	204	217979	38.355	ng	99
61) 4-Nitroaniline	10.30	138	114072	41.543	ng	98
62) Azobenzene	10.43	77	507084	41.302	ng	97
64) 4,6-Dinitro-2-methylphenol	10.33	198	50608	31.081	ng	88
65) n-Nitrosodiphenylamine	10.39	169	431014	38.006	ng	99
66) 4-Bromophenyl-phenylether	10.75	248	142722	37.130	ng	93
67) Hexachlorobenzene	10.82	284	153671	36.920	ng	94
68) Atrazine	10.92	200	141472	39.972	ng	99
69) Pentachlorophenol	11.02	266	148787	63.526	ng	96
70) Phenanthrene	11.23	178	682708	40.780	ng	99
71) Anthracene	11.28	178	744948	43.046	ng	99
72) Carbazole	11.44	167	675393	40.239	ng	100
73) Di-n-butylphthalate	11.77	149	795504	40.863	ng	99
74) Fluoranthene	12.41	202	753716	43.095	ng	99
76) Benzidine	12.54	184	284778	31.032	ng	97
77) Pyrene	12.64	202	743224	41.063	ng	99
79) Butylbenzylphthalate	13.26	149	336796	42.919	ng	98
80) Benzo(a)anthracene	13.82	228	551748	40.473	ng	99
81) 3,3'-Dichlorobenzidine	13.79	252	130923	23.851	ng	99
82) Chrysene	13.86	228	591622	41.316	ng	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	434931	45.429	ng	99
84) Di-n-octyl phthalate	14.42	149	723347	47.800	ng	99
85) Indeno(1,2,3-cd)pyrene	16.59	276	511999	49.954	ng	100
87) Benzo(b)fluoranthene	14.83	252	481372	41.629	ng	99
88) Benzo(k)fluoranthene	14.86	252	451669	38.875	ng	99
89) Benzo(a)pyrene	15.17	252	439937	41.925	ng	99
90) Dibenzo(a,h)anthracene	16.59	278	419353	48.660	ng	98
91) Benzo(g,h,i)perylene	16.99	276	448573	52.124	ng	99

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

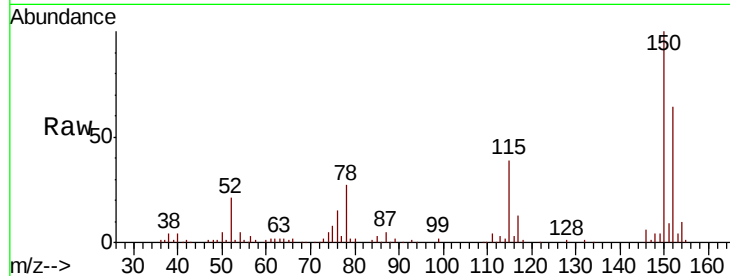


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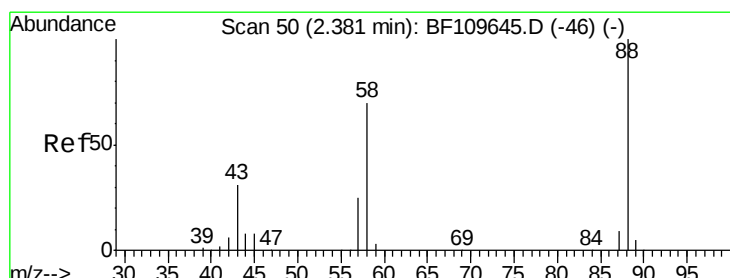
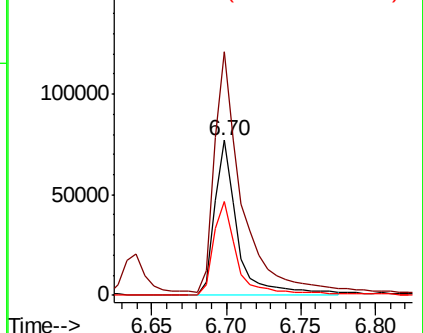
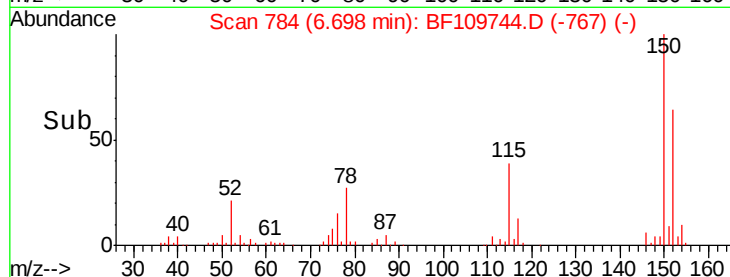
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF109744.D
 Acq: 10 Oct 2018 16:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 82843
 Ion Ratio Lower Upper
 152 100
 150 157.4 122.7 184.1
 115 61.0 49.1 73.7



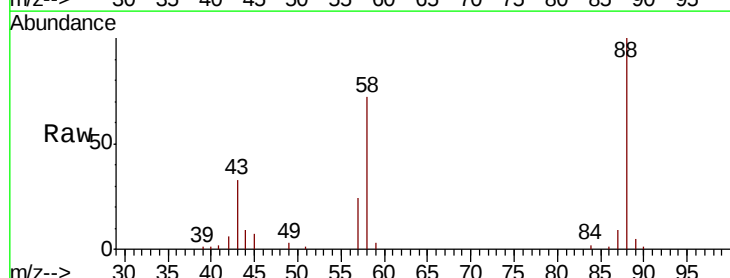
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



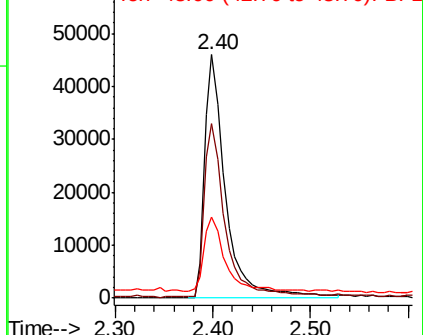
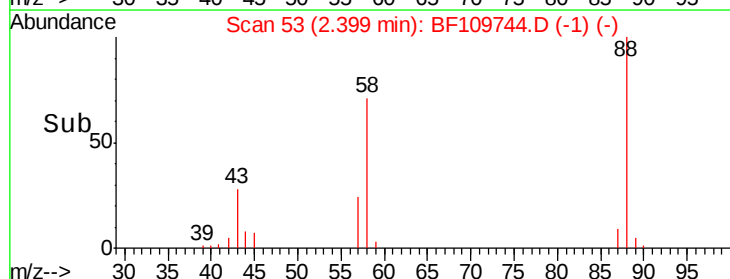
#2

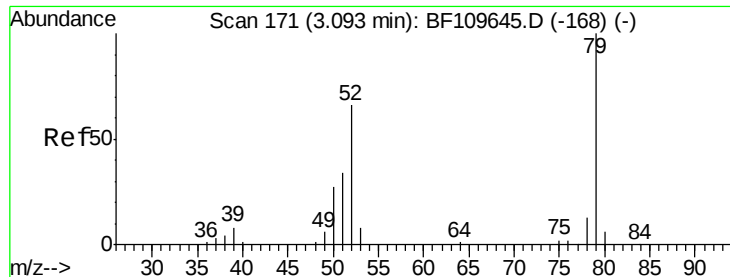
1,4-Dioxane
 Concen: 28.231 ng
 RT: 2.40 min Scan# 53
 Delta R.T. 0.02 min
 Lab File: BF109744.D
 Acq: 10 Oct 2018 16:04

Tgt Ion: 88 Resp: 69149
 Ion Ratio Lower Upper
 88 100
 58 68.6 57.1 85.7
 43 31.3 24.1 36.1



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: 31.557 ng

RT: 3.13 min Scan# 177

Delta R.T. 0.04 min

Lab File: BF109744.D

Acq: 10 Oct 2018 16:04

Instrument :

BNA_F

ClientSampled :

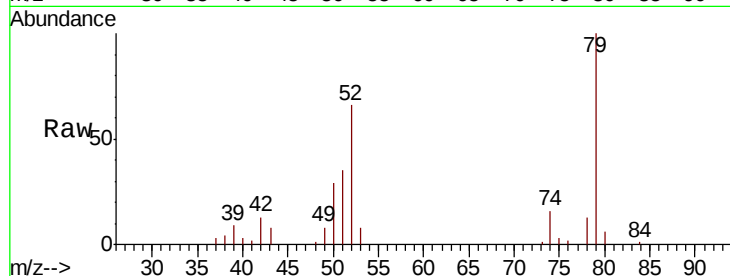
Tot Ion: 79 Resp: 159468

Ion Ratio Lower Upper

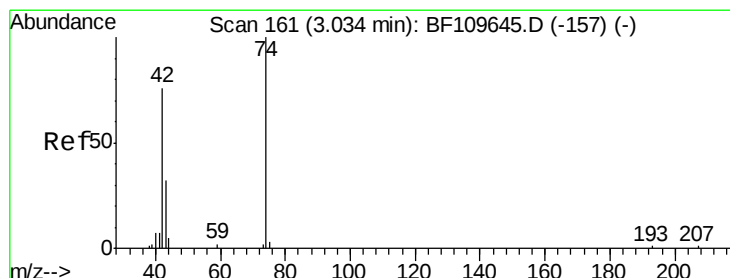
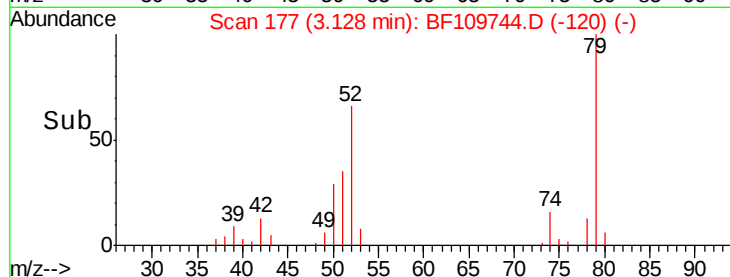
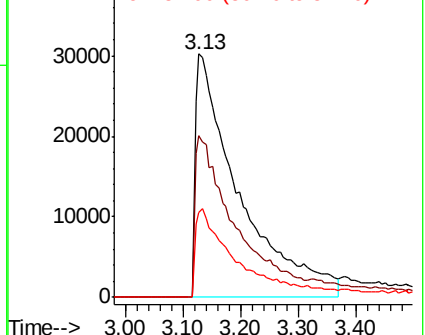
79 100

52 66.2 53.1 79.7

51 35.1 27.4 41.2



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: 37.350 ng

RT: 3.05 min Scan# 164

Delta R.T. 0.02 min

Lab File: BF109744.D

Acq: 10 Oct 2018 16:04

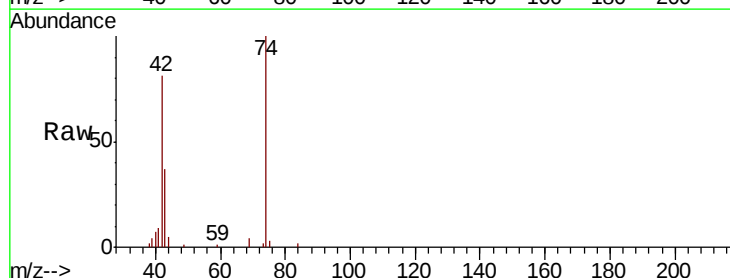
Tgt Ion: 42 Resp: 68126

Ion Ratio Lower Upper

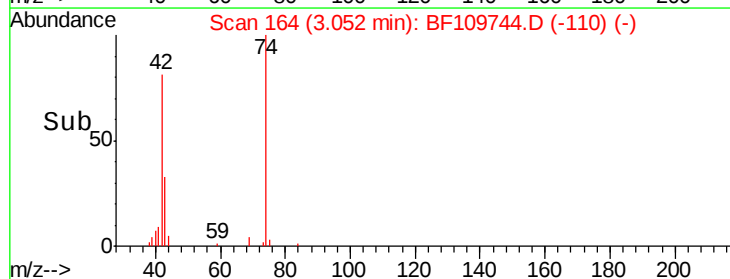
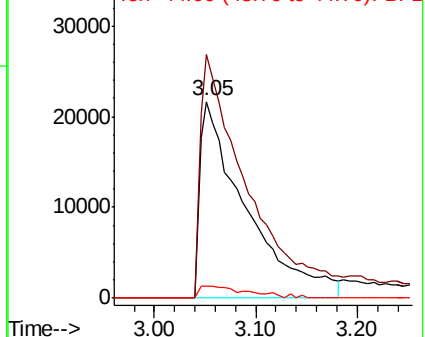
42 100

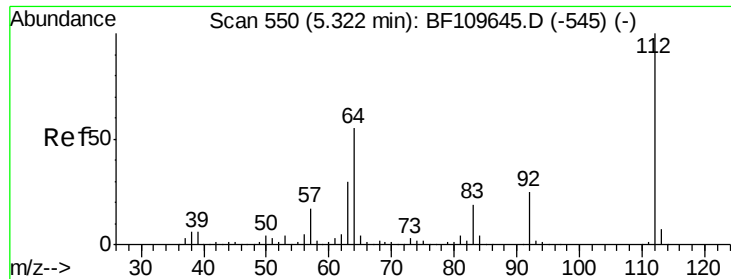
74 124.1 105.5 158.3

44 6.1 4.9 7.3



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: 121.326 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF109744.D

Acq: 10 Oct 2018 16:04

Instrument :

BNA_F

ClientSampled :

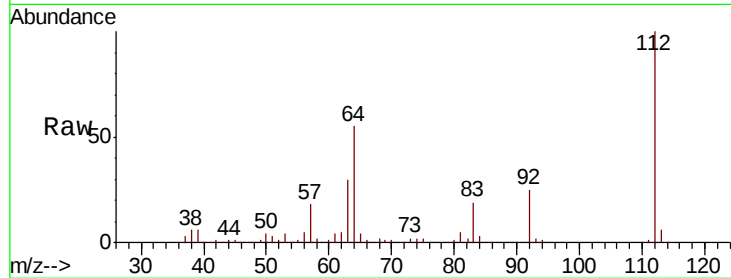
Tot Ion:112 Resp: 566246

Ion Ratio Lower Upper

112 100

64 55.2 44.1 66.1

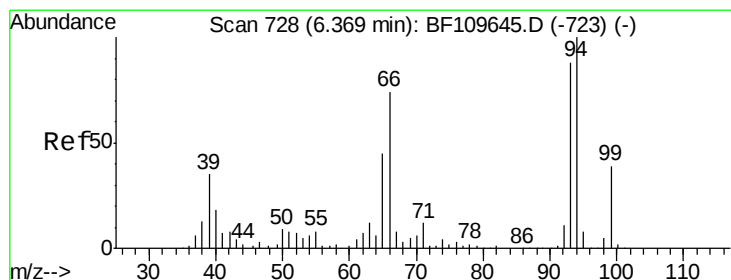
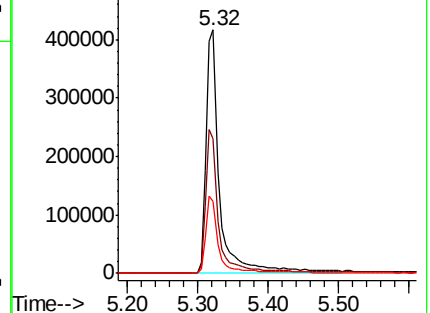
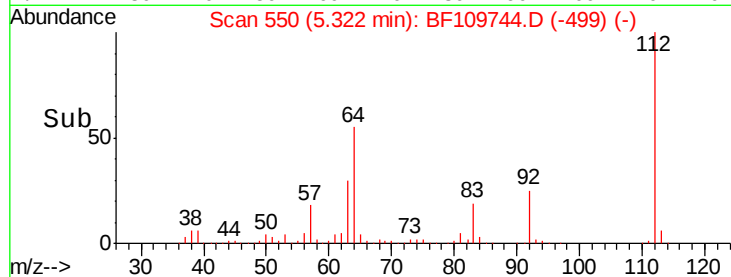
63 29.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.467 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF109744.D

Acq: 10 Oct 2018 16:04

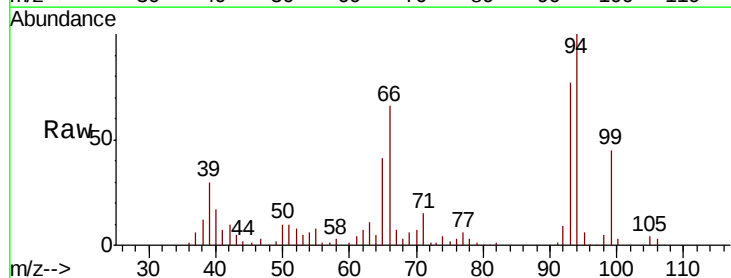
Tgt Ion: 93 Resp: 192223

Ion Ratio Lower Upper

93 100

66 85.7 67.4 101.0

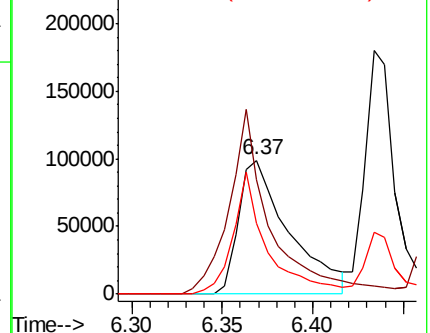
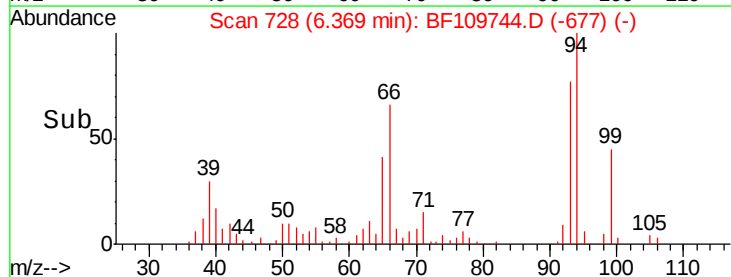
65 53.1 41.0 61.4

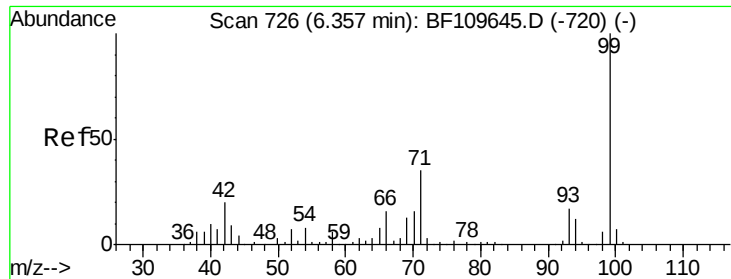


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.913 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109744.D

Acq: 10 Oct 2018 16:04

Instrument :

BNA_F

ClientSampleId :

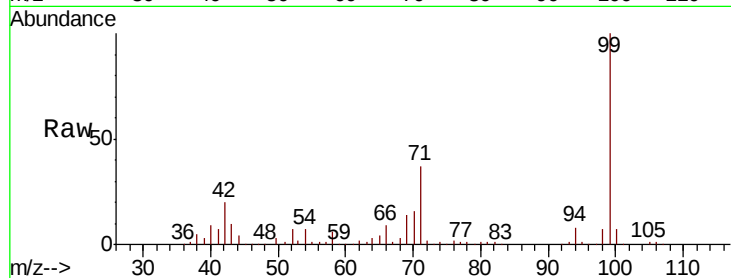
Tot Ion: 99 Resp: 735159

Ion Ratio Lower Upper

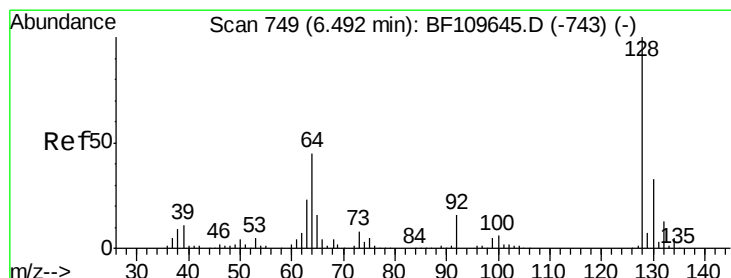
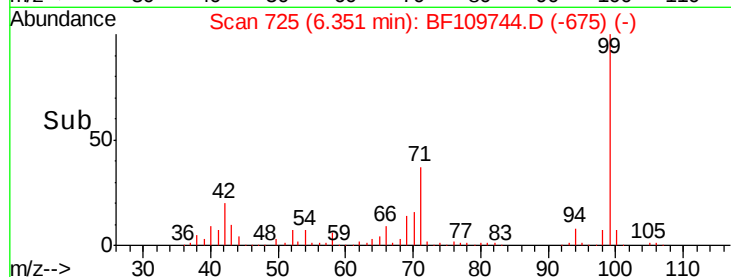
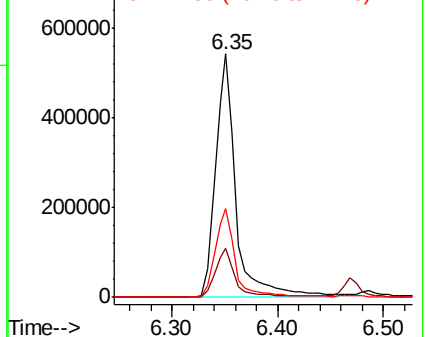
99 100

42 20.0 15.8 23.6

71 36.6 28.0 42.0



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: 39.829 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF109744.D

Acq: 10 Oct 2018 16:04

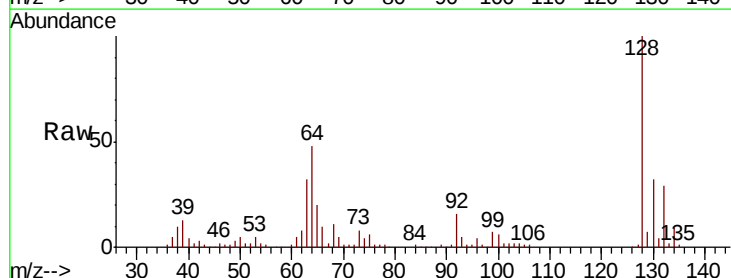
Tgt Ion: 128 Resp: 228613

Ion Ratio Lower Upper

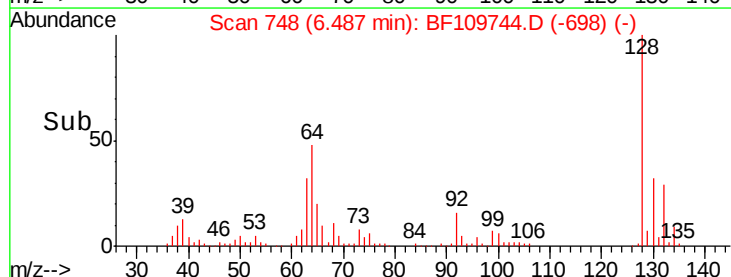
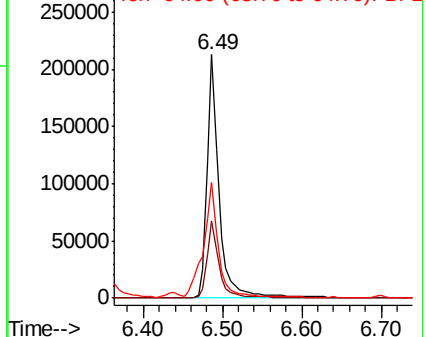
128 100

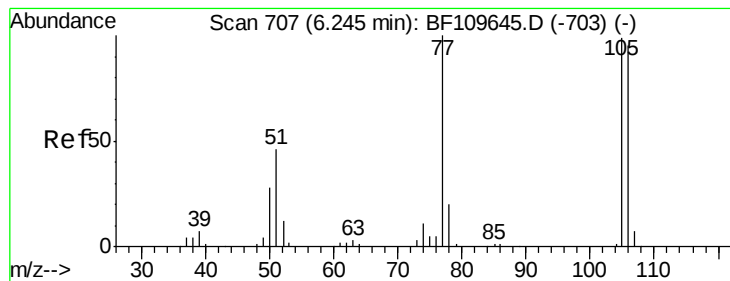
130 32.0 13.1 53.1

64 47.6 26.0 66.0



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: 26.185 ng

RT: 6.25 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF109744.D

Acq: 10 Oct 2018 16:04

Instrument :

BNA_F

ClientSampleId :

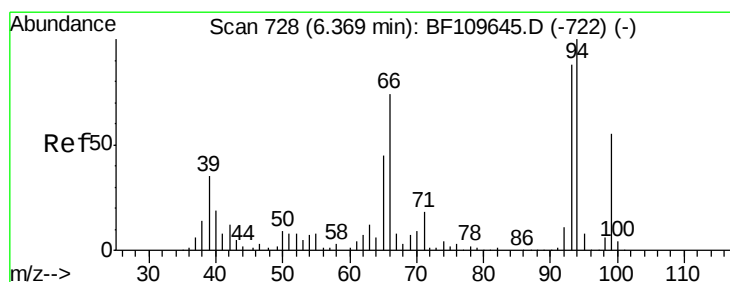
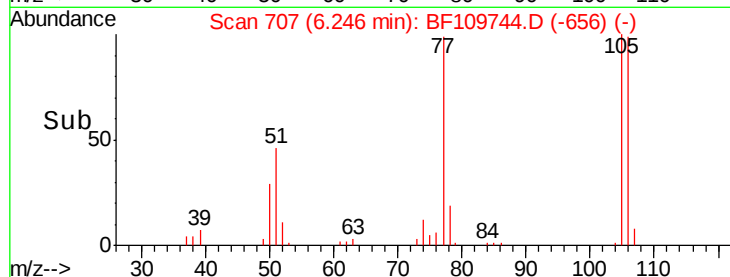
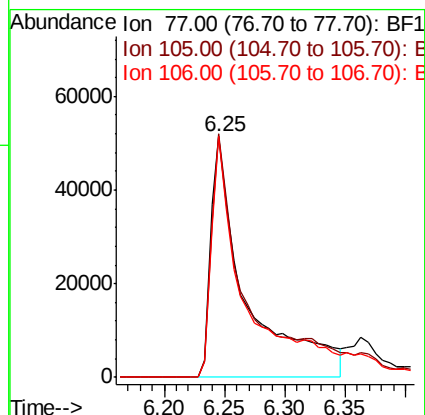
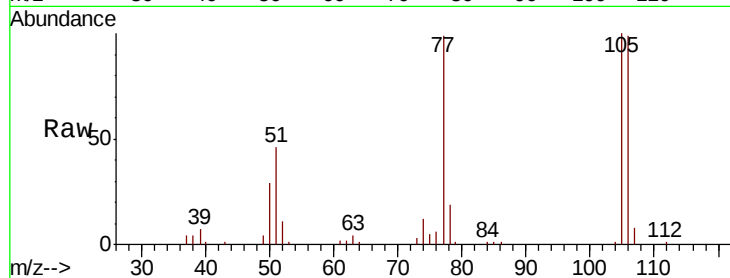
Tot Ion: 77 Resp: 105056

Ion Ratio Lower Upper

77 100

105 101.0 78.6 118.6

106 100.2 74.8 114.8



#10

Phenol

Concen: 38.181 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109744.D

Acq: 10 Oct 2018 16:04

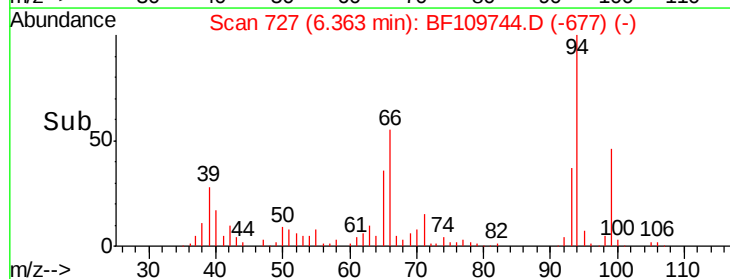
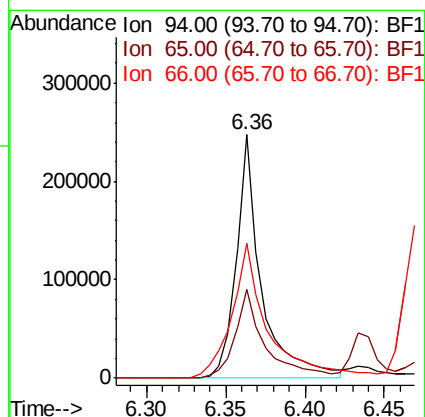
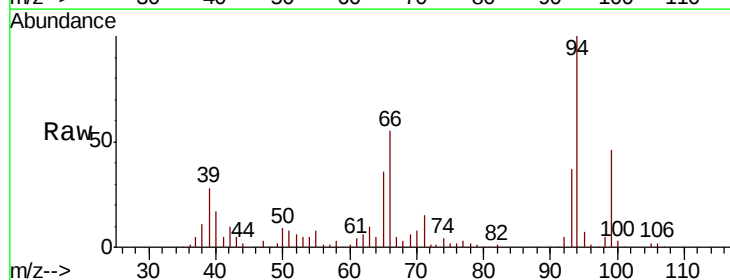
Tgt Ion: 94 Resp: 272967

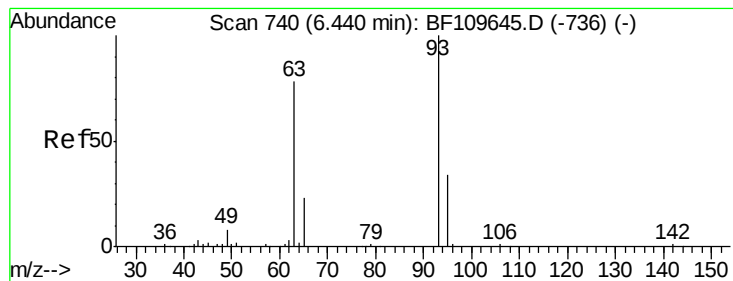
Ion Ratio Lower Upper

94 100

65 36.4 25.3 65.3

66 55.3 54.5 94.5

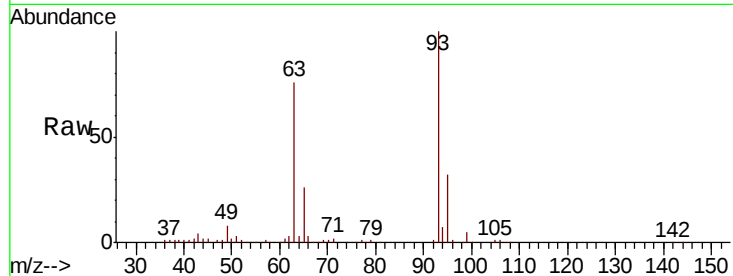




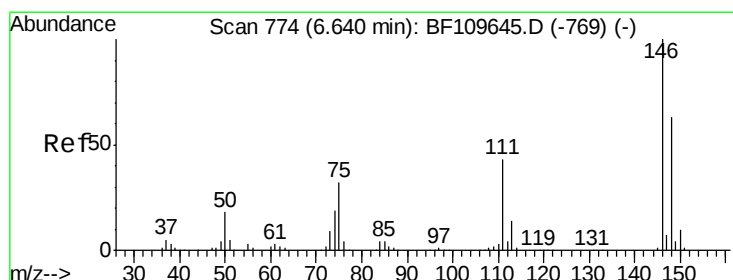
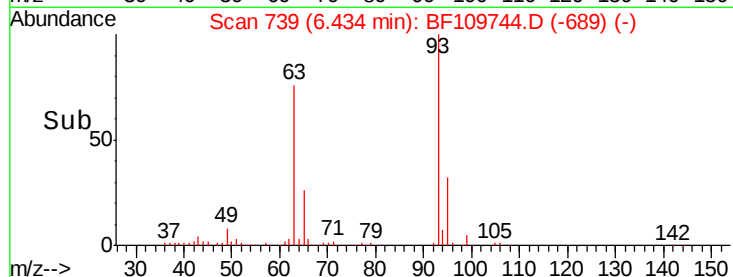
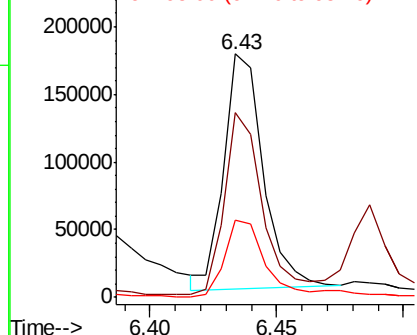
#11
bis(2-Chloroethyl)ether
Concen: 31.650 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF109744.D
Acq: 10 Oct 2018 16:04

Instrument :
BNA_F
ClientSampled :

Tot Ion: 93 Resp: 187591
Ion Ratio Lower Upper
93 100
63 75.6 53.4 93.4
95 31.6 12.1 52.1

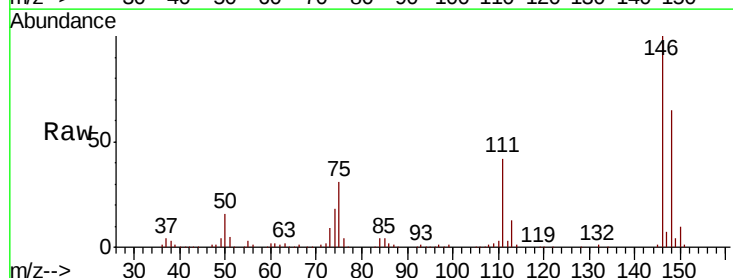


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

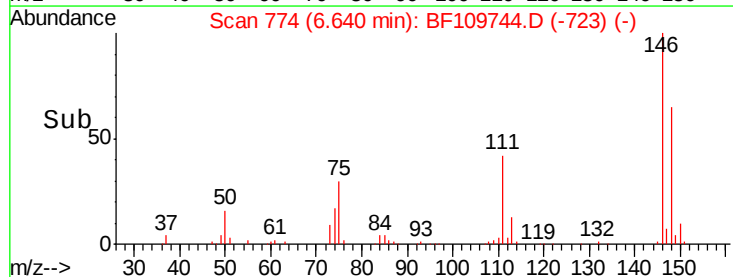
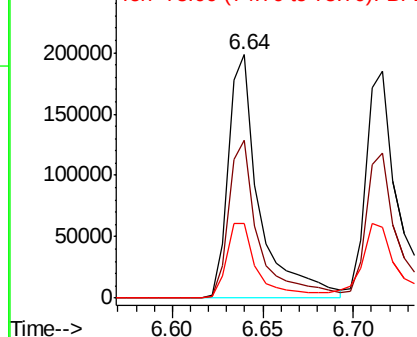


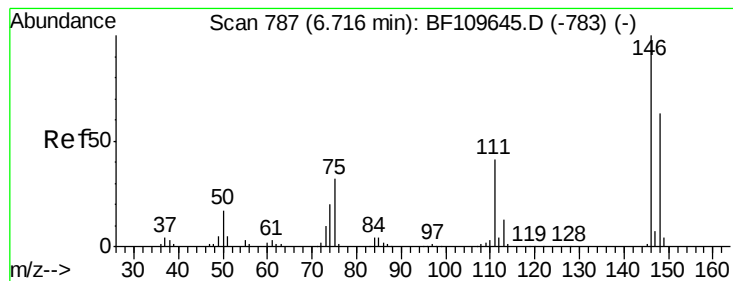
#12
1,3-Dichlorobenzene
Concen: 36.087 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF109744.D
Acq: 10 Oct 2018 16:04

Tgt Ion: 146 Resp: 236911
Ion Ratio Lower Upper
146 100
148 65.1 50.4 75.6
75 30.7 25.8 38.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 36.625 ng

RT: 6.72 min Scan# 787

Delta R.T. 0.00 min

Lab File: BF109744.D

Acq: 10 Oct 2018 16:04

Instrument :

BNA_F

ClientSampled :

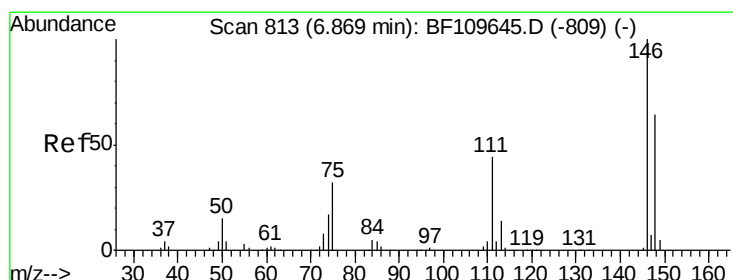
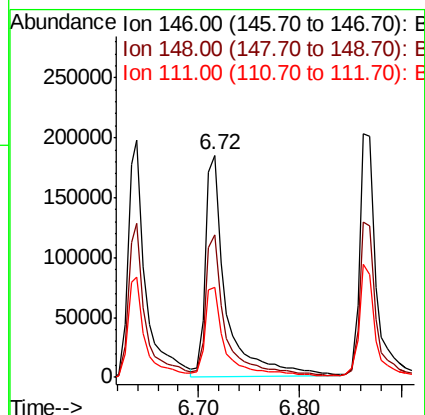
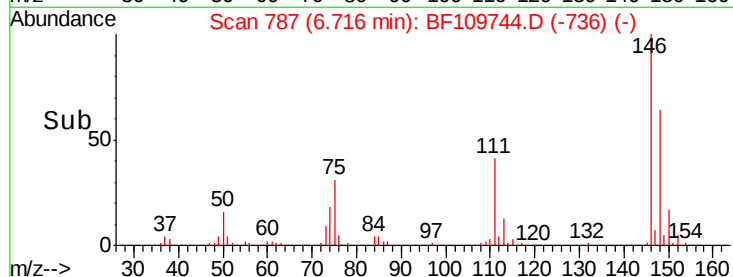
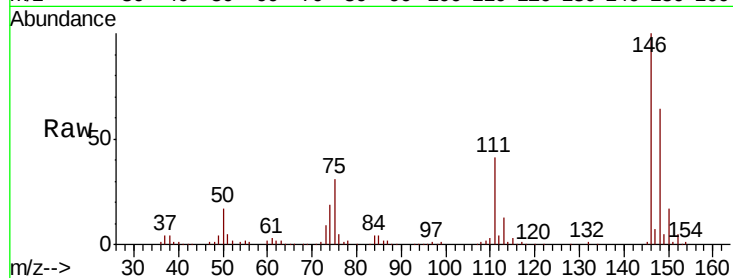
Tot Ion:146 Resp: 262098

Ion Ratio Lower Upper

146 100

148 63.9 50.3 75.5

111 40.7 32.7 49.1



#14

1,2-Dichlorobenzene

Concen: 36.053 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF109744.D

Acq: 10 Oct 2018 16:04

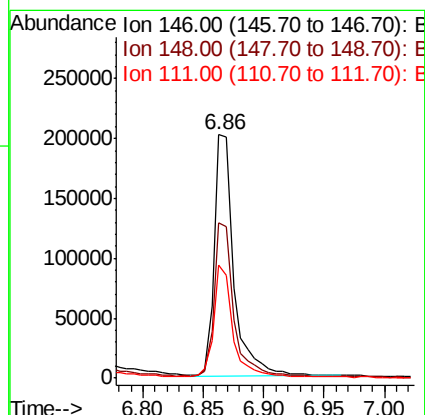
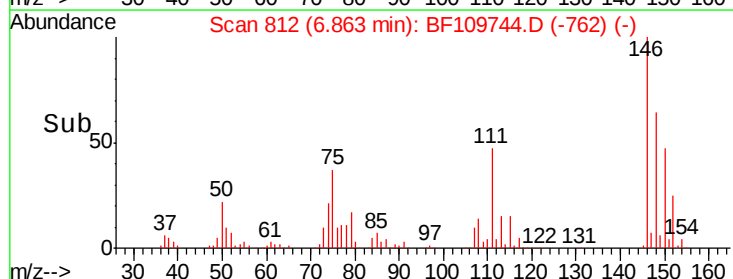
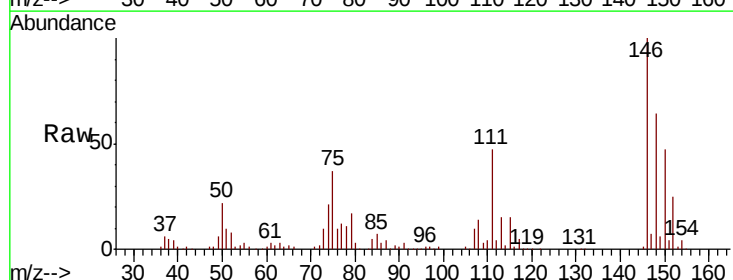
Tgt Ion:146 Resp: 226588

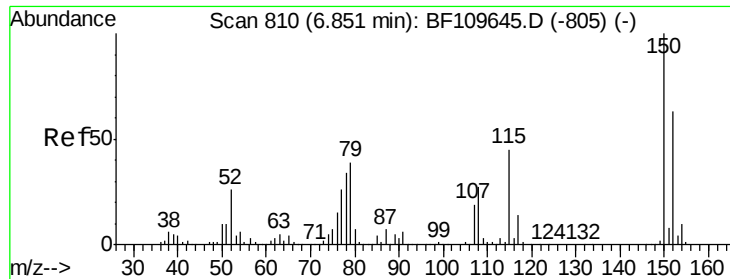
Ion Ratio Lower Upper

146 100

148 63.6 51.1 76.7

111 46.6 35.8 53.6

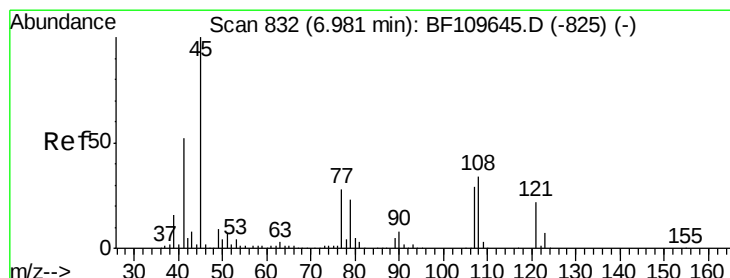
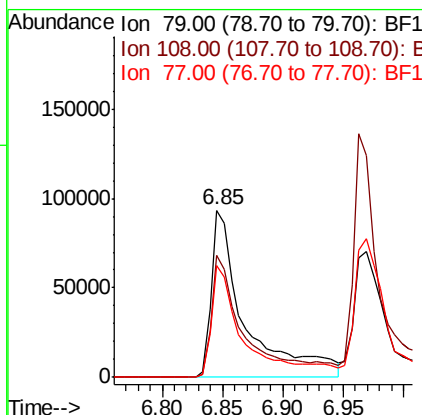
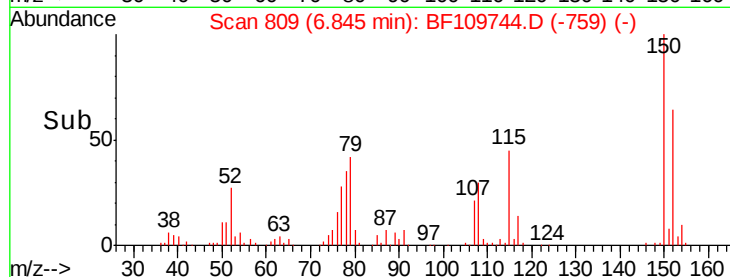
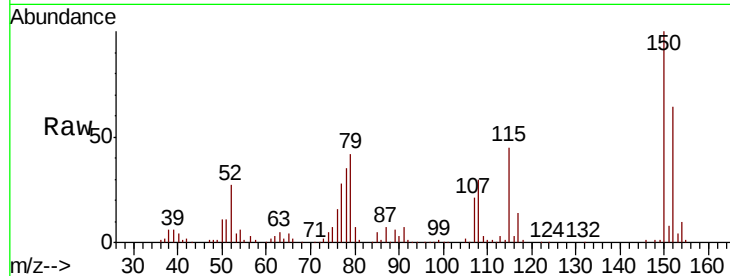




#15
Benzyl Alcohol
Concen: 39.147 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF109744.D
Acq: 10 Oct 2018 16:04

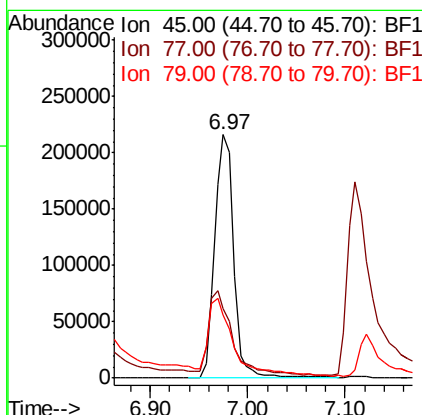
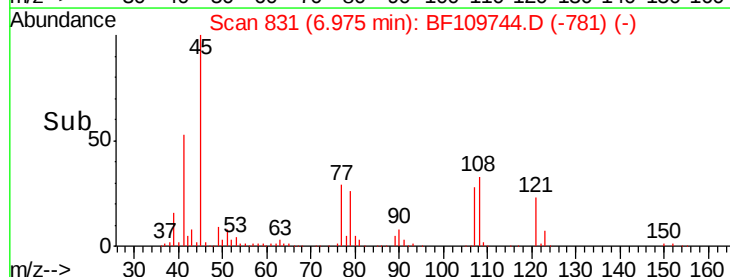
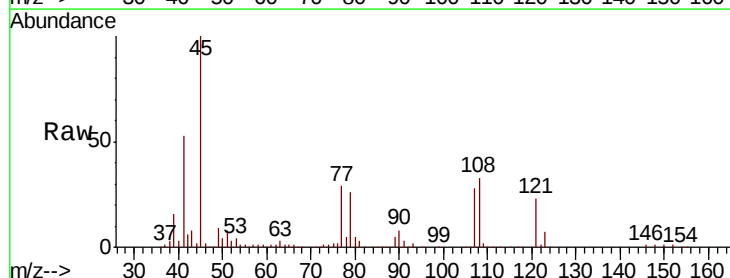
Instrument :
BNA_F
ClientSampleId :

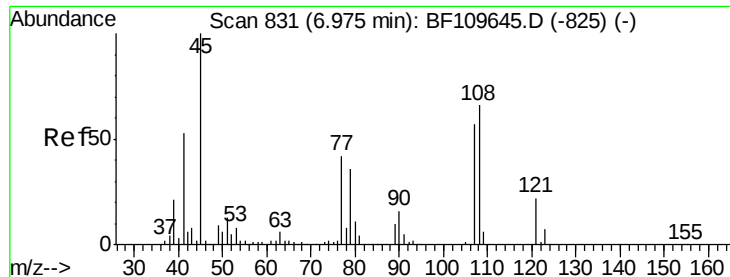
Tot Ion: 79 Resp: 180942
Ion Ratio Lower Upper
79 100
108 73.0 56.3 84.5
77 67.1 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.478 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109744.D
Acq: 10 Oct 2018 16:04

Tgt Ion: 45 Resp: 294549
Ion Ratio Lower Upper
45 100
77 28.8 10.0 50.0
79 25.8 6.1 46.1

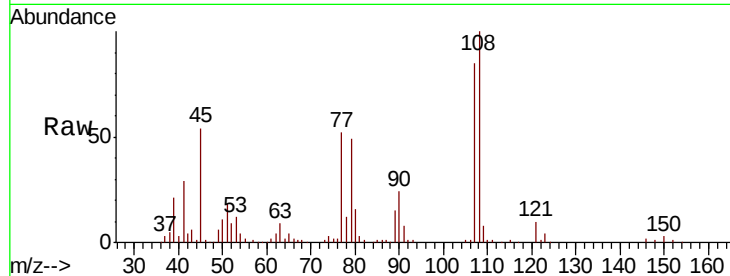




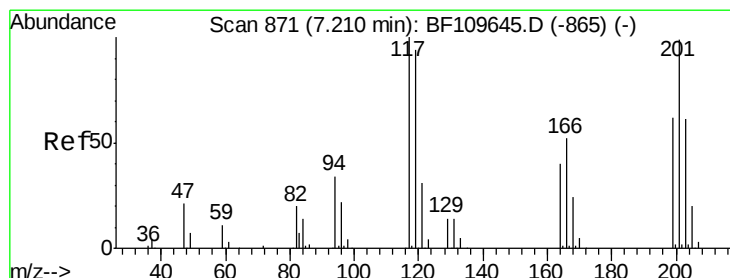
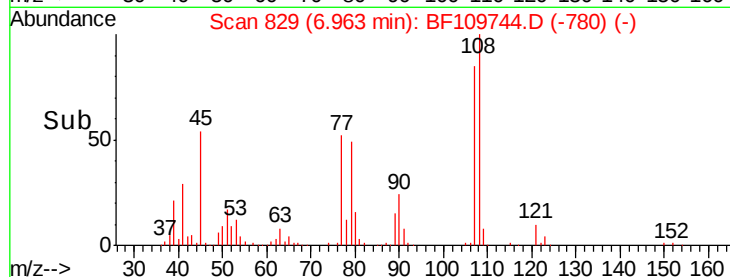
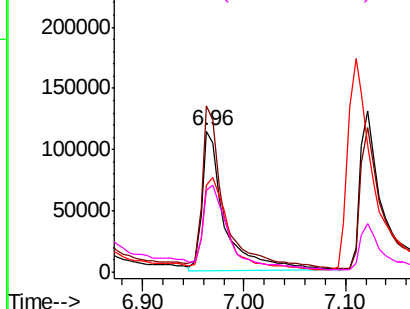
#17
2-Methylphenol
Concen: 39.144 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF109744.D
Acq: 10 Oct 2018 16:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	177680
Ion	Ratio	Lower	Upper
107	100		
108	117.9	92.6	138.8
77	61.3	59.4	89.2
79	57.9	54.0	81.0

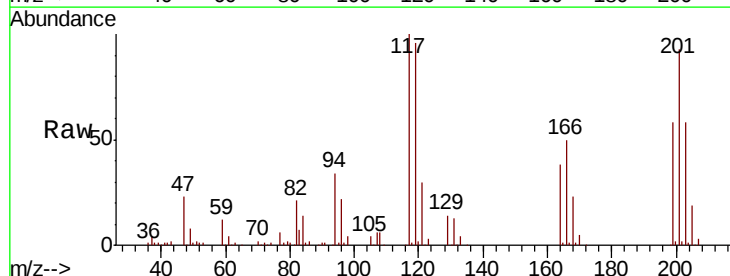


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

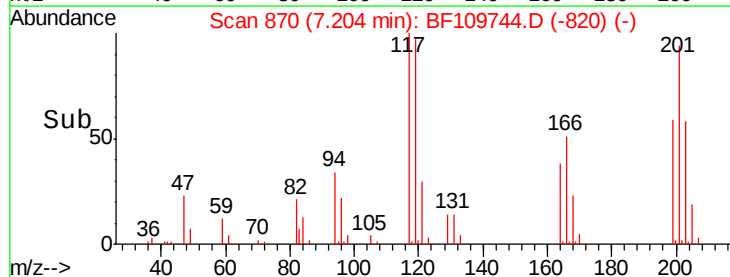
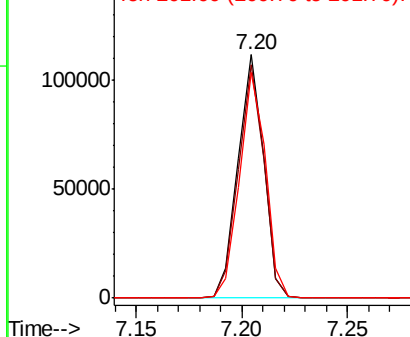


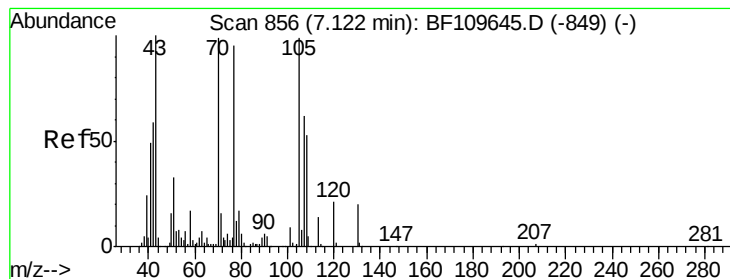
#18
Hexachloroethane
Concen: 37.061 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF109744.D
Acq: 10 Oct 2018 16:04

Tgt Ion:	117	Resp:	93746
Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.0	112.6
201	93.0	79.2	118.8



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: 37.023 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF109744.D

Acq: 10 Oct 2018 16:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 161875

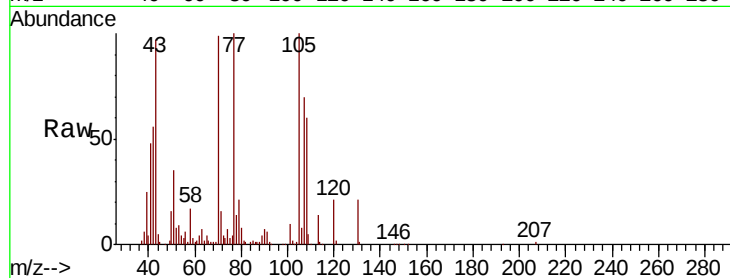
Ion	Ratio	Lower	Upper
70	100		
42	56.6	47.4	71.2
101	9.7	7.3	10.9
130	21.0	16.2	24.2

70 100

42 56.6 47.4 71.2

101 9.7 7.3 10.9

130 21.0 16.2 24.2



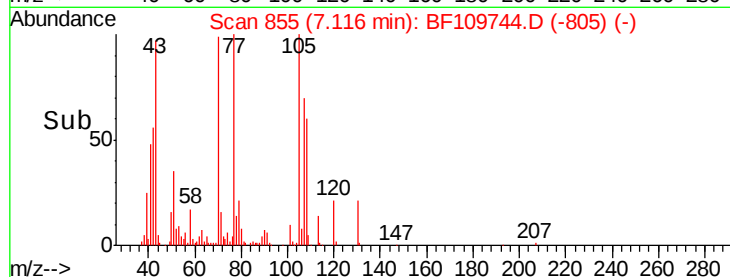
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

Time-->



Abundance

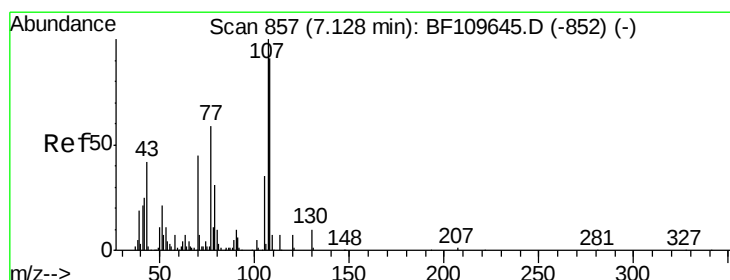
Ion 70.00 (69.70 to 70.70): BF1

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

Time-->



#20

3+4-Methylphenols

Concen: 38.887 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF109744.D

Acq: 10 Oct 2018 16:04

Tgt Ion: 107 Resp: 217503

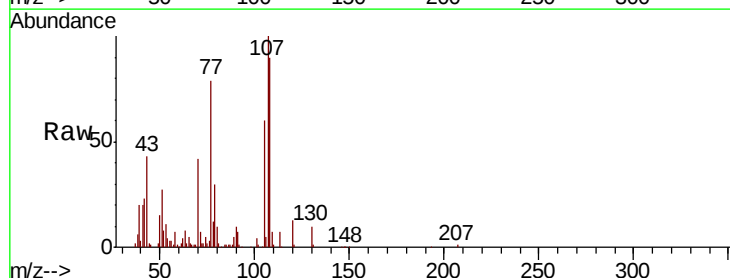
Ion	Ratio	Lower	Upper
107	100		
108	90.1	71.4	111.4
77	79.1	47.3	87.3
79	30.1	10.9	50.9

107 100

108 90.1 71.4 111.4

77 79.1 47.3 87.3

79 30.1 10.9 50.9



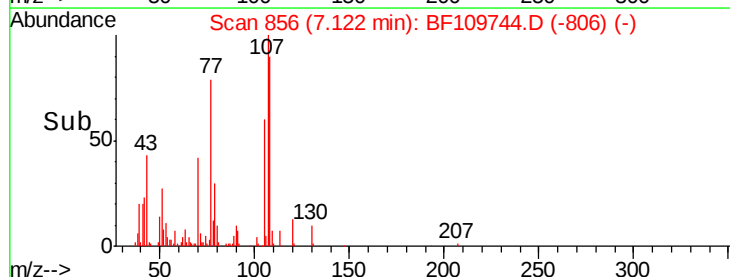
Abundance Ion 107.00 (106.70 to 107.70): BF1

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

Time-->



Abundance

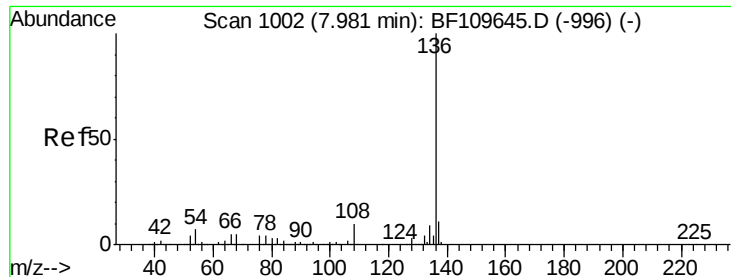
Ion 107.00 (106.70 to 107.70): BF1

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

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109744.D

Acq: 10 Oct 2018 16:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 333754

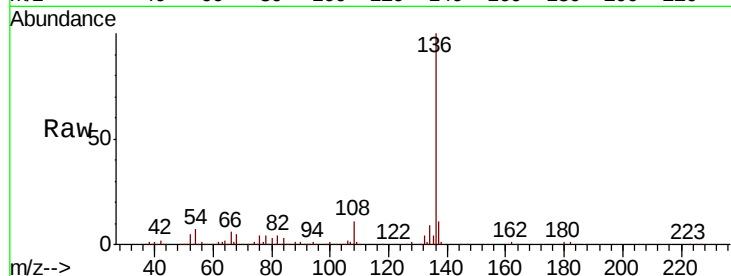
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.3 5.4 8.2

68 5.2 4.2 6.2

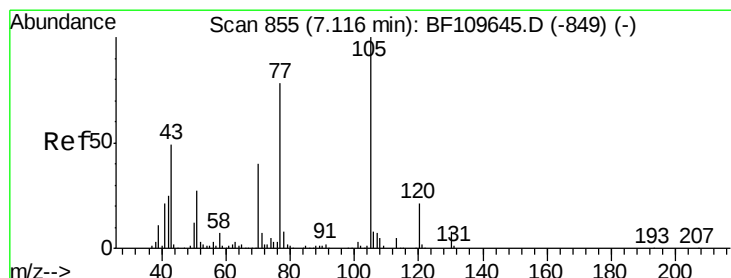
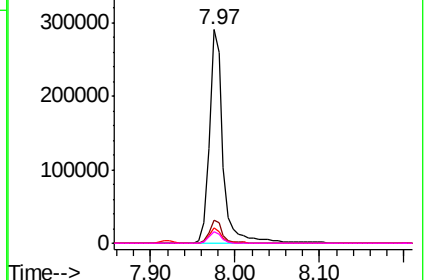
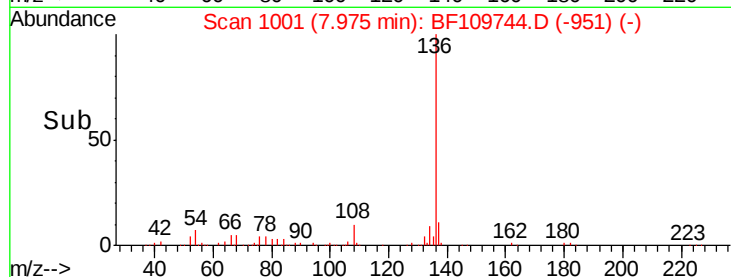


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.599 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF109744.D

Acq: 10 Oct 2018 16:04

Tgt Ion:105 Resp: 335740

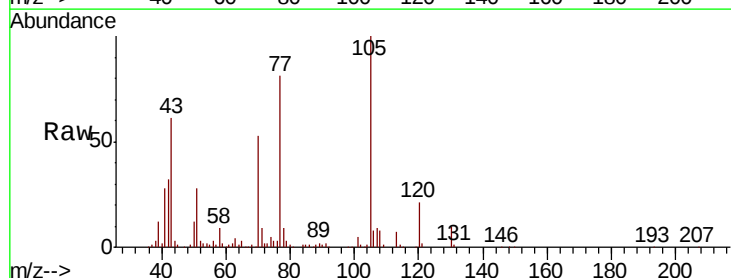
Ion Ratio Lower Upper

105 100

71 8.8 5.2 7.8#

51 27.5 21.8 32.8

120 21.0 17.0 25.4

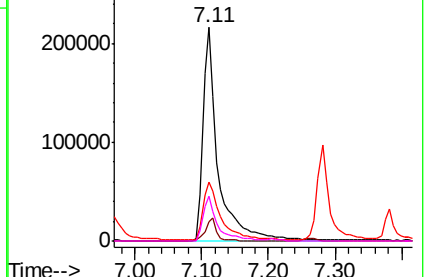
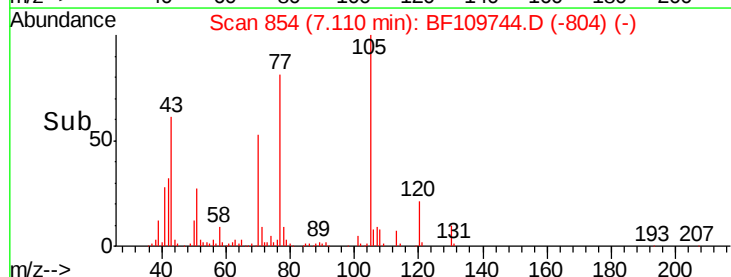


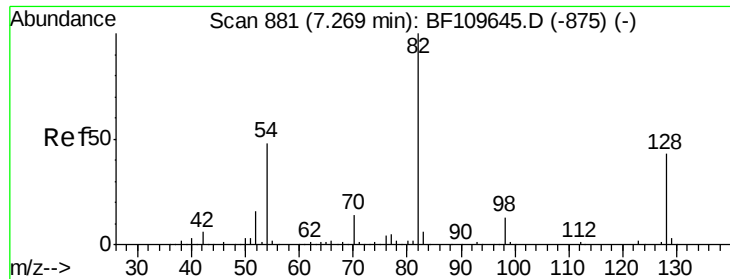
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

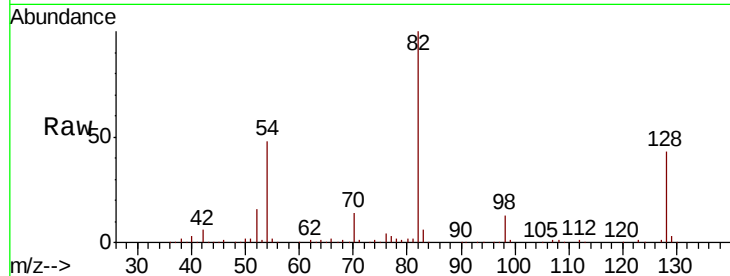




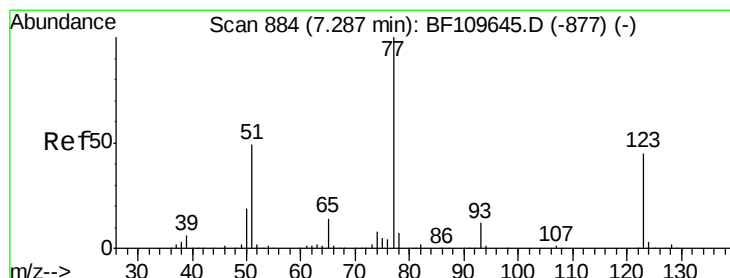
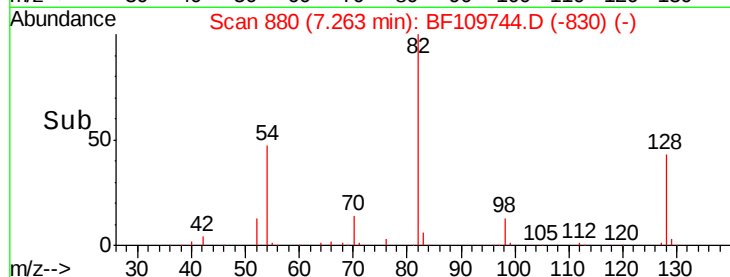
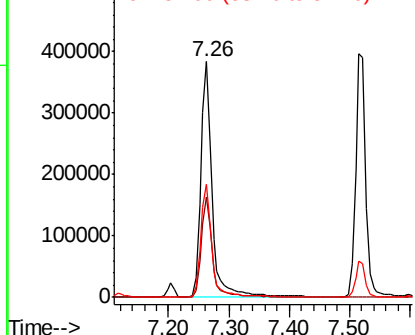
#23
Nitrobenzene-d5
Concen: 83.069 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109744.D
Acq: 10 Oct 2018 16:04

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 502957
Ion Ratio Lower Upper
82 100
128 42.6 34.2 51.2
54 48.2 38.6 58.0

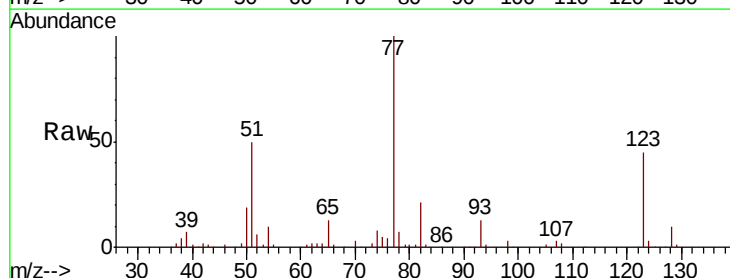


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

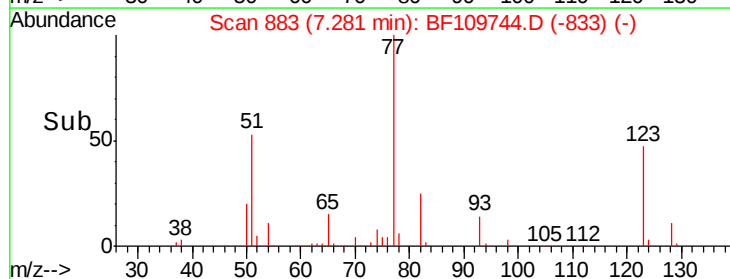
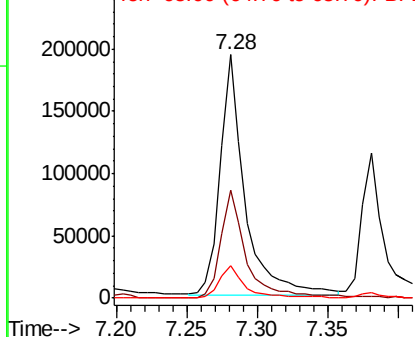


#24
Nitrobenzene
Concen: 37.873 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF109744.D
Acq: 10 Oct 2018 16:04

Tgt Ion: 77 Resp: 238609
Ion Ratio Lower Upper
77 100
123 44.5 35.7 53.5
65 13.4 10.7 16.1



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





#25

Isophorone

Concen: 44.761 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF109744.D

Acq: 10 Oct 2018 16:04

Instrument :

BNA_F

ClientSampled :

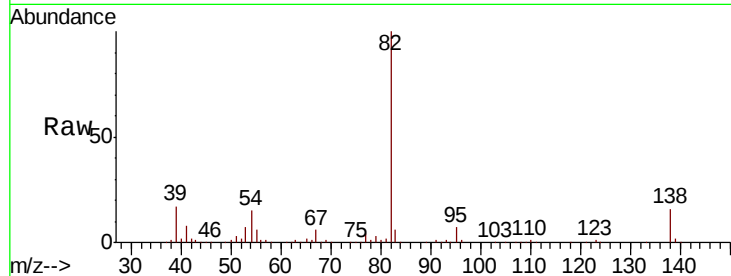
Tot Ion: 82 Resp: 450029

Ion Ratio Lower Upper

82 100

95 7.5 5.7 8.5

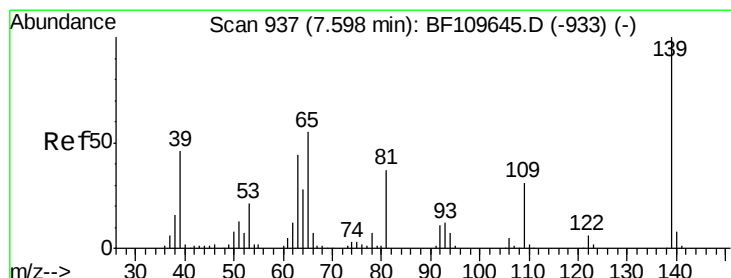
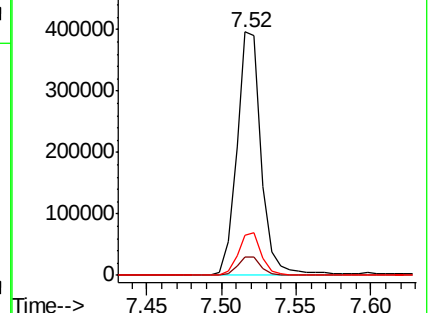
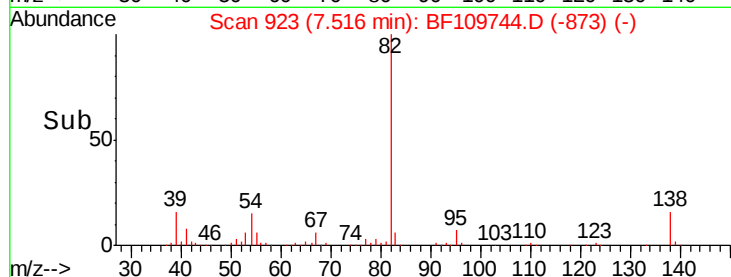
138 16.5 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 39.537 ng

RT: 7.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF109744.D

Acq: 10 Oct 2018 16:04

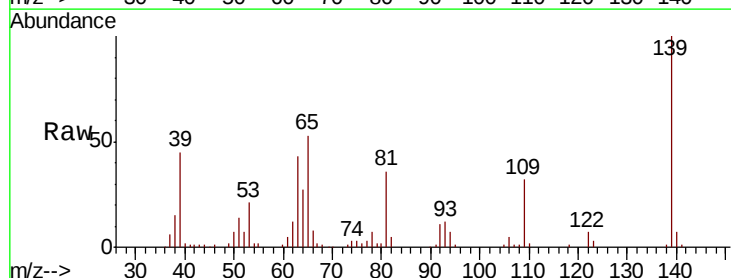
Tgt Ion: 139 Resp: 116513

Ion Ratio Lower Upper

139 100

109 31.5 25.0 37.6

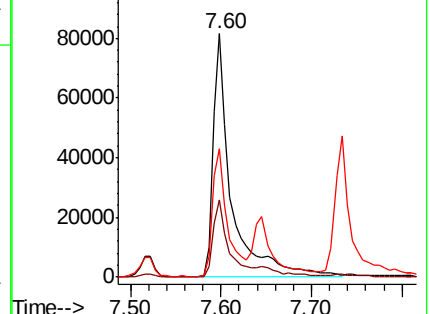
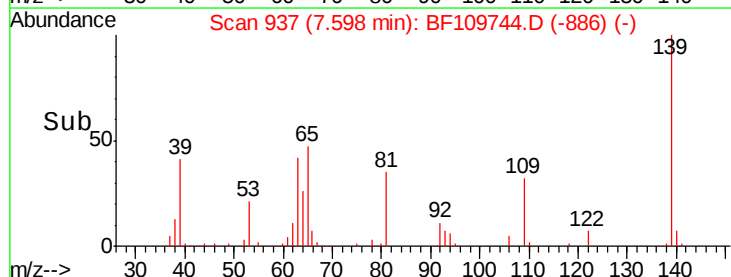
65 52.6 44.0 66.0

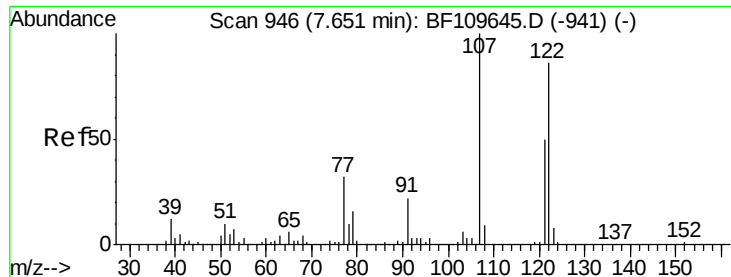


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

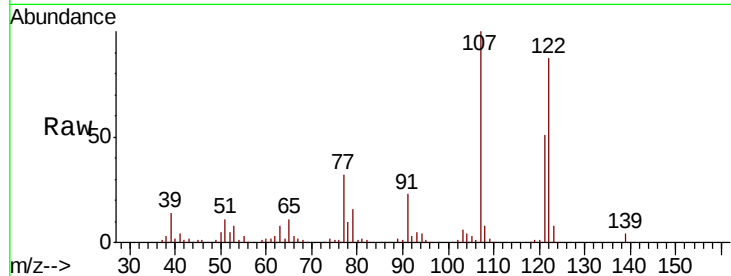




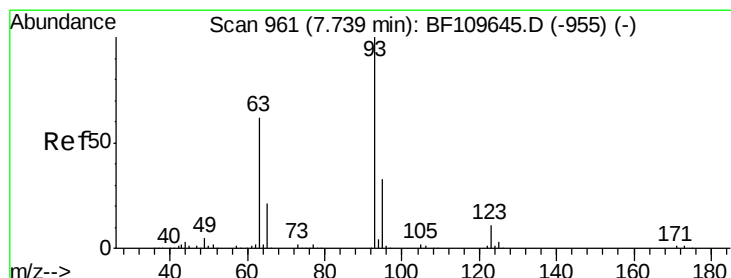
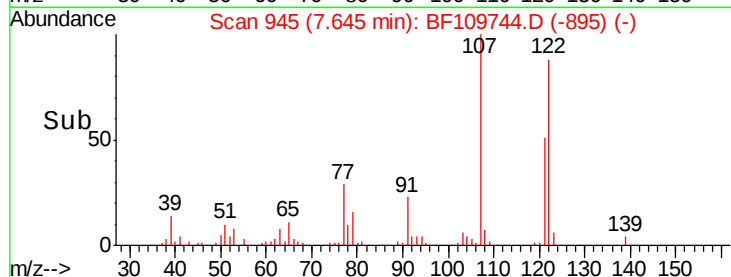
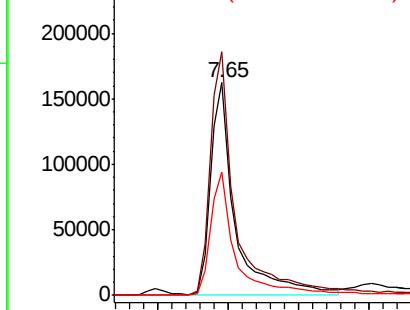
#27
2,4-Dimethylphenol
Concen: 45.717 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF109744.D
Acq: 10 Oct 2018 16:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 194551
Ion Ratio Lower Upper
122 100
107 114.4 92.5 138.7
121 58.1 45.8 68.8

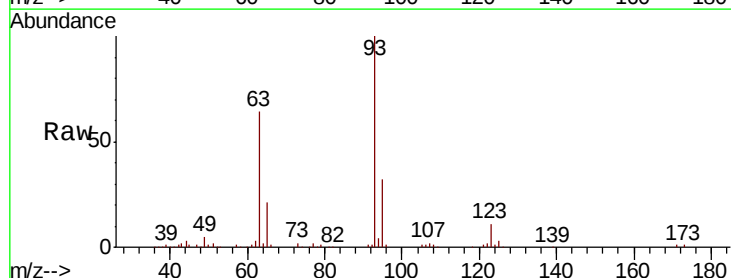


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

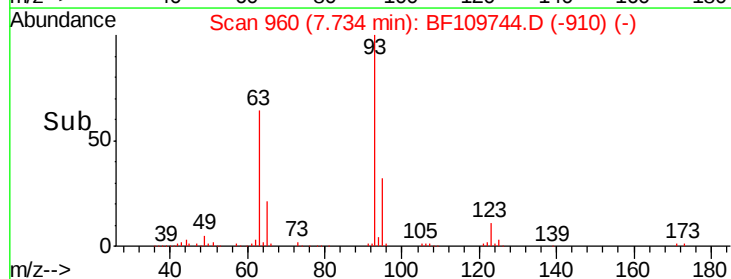
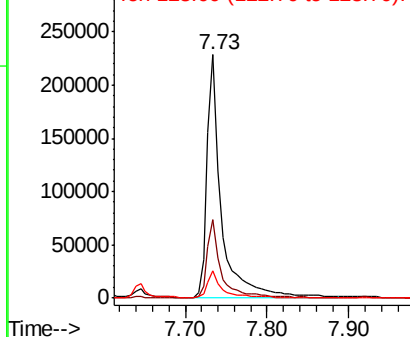


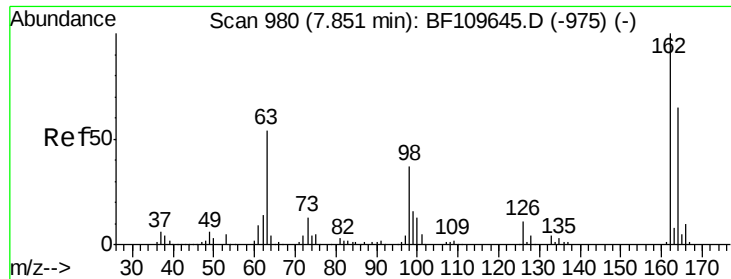
#28
bis(2-Chloroethoxy)methane
Concen: 40.760 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF109744.D
Acq: 10 Oct 2018 16:04

Tgt Ion: 93 Resp: 277199
Ion Ratio Lower Upper
93 100
95 32.0 26.4 39.6
123 11.0 9.0 13.6



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

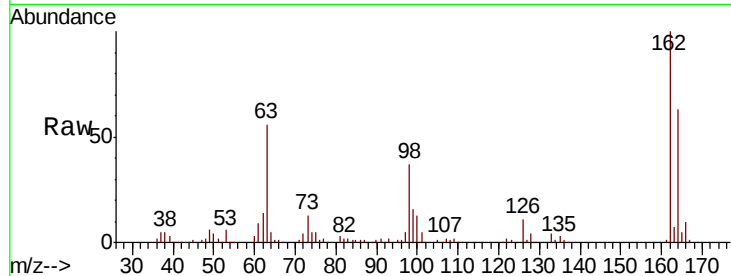




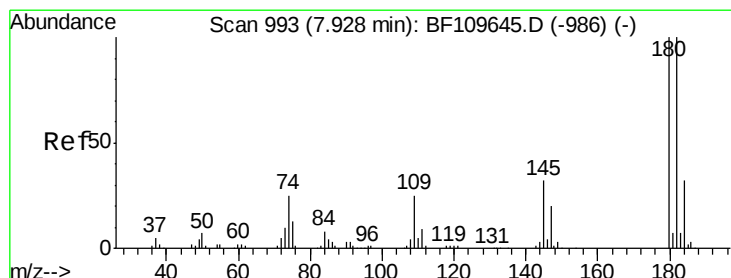
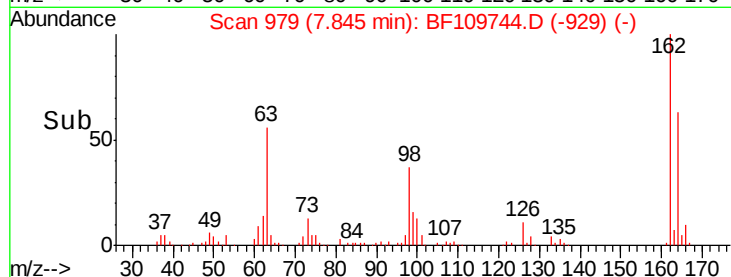
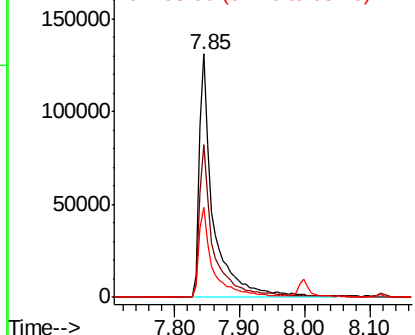
#29
2,4-Dichlorophenol
Concen: 41.356 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF109744.D
Acq: 10 Oct 2018 16:04

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	44.6	84.6
98	36.9	17.4	57.4

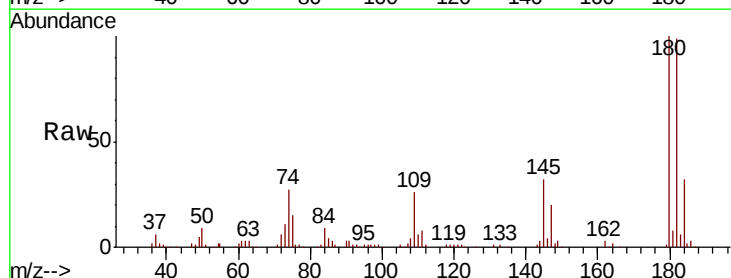


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

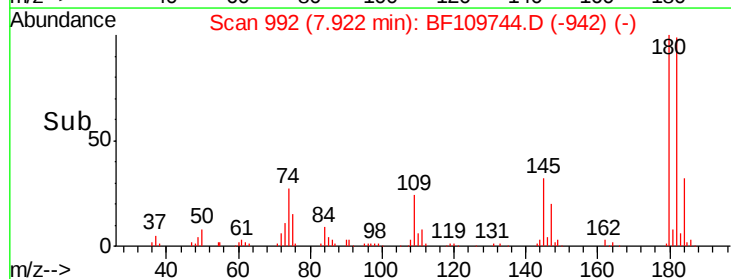
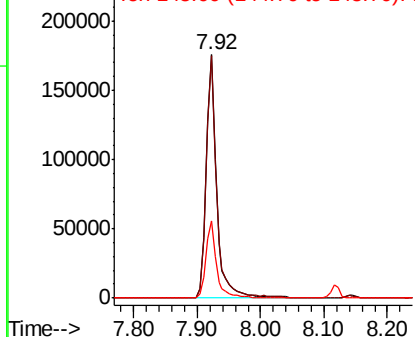


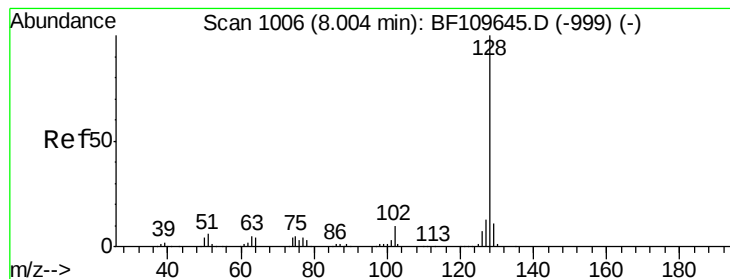
#30
1,2,4-Trichlorobenzene
Concen: 38.709 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF109744.D
Acq: 10 Oct 2018 16:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.4	80.3	120.5
145	31.6	25.4	38.0



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: 43.844 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF109744.D

Acq: 10 Oct 2018 16:04

Instrument :

BNA_F

ClientSampleId :

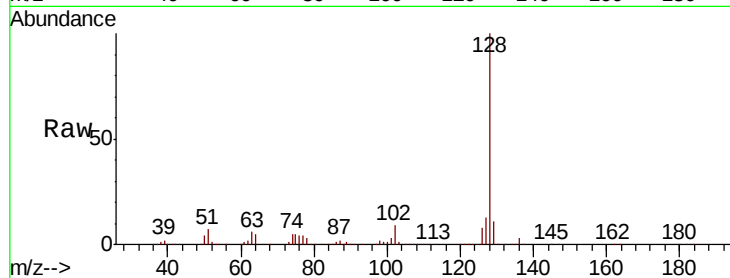
Tot Ion:128 Resp: 676747

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

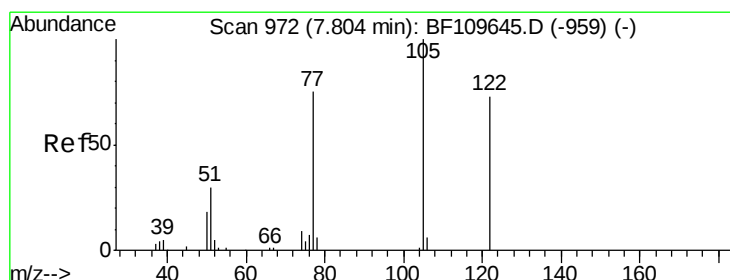
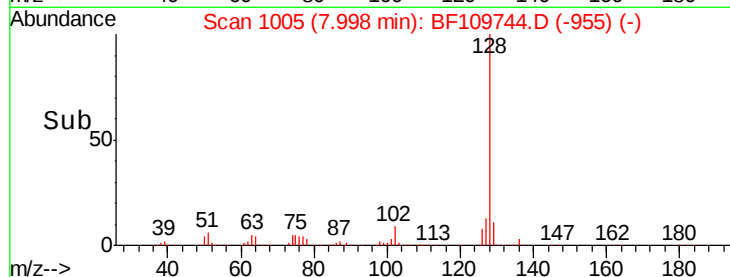
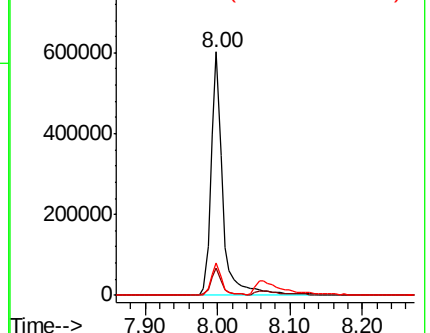
127 13.2 10.8 16.2



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: 6.873 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.05 min

Lab File: BF109744.D

Acq: 10 Oct 2018 16:04

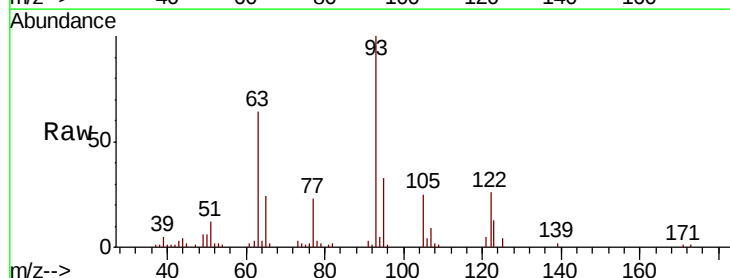
Tgt Ion:122 Resp: 20911

Ion Ratio Lower Upper

122 100

105 96.7 109.0 149.0#

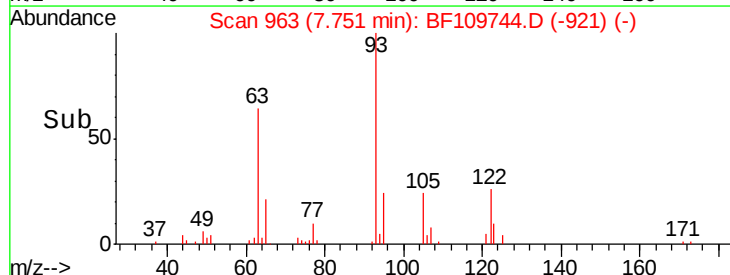
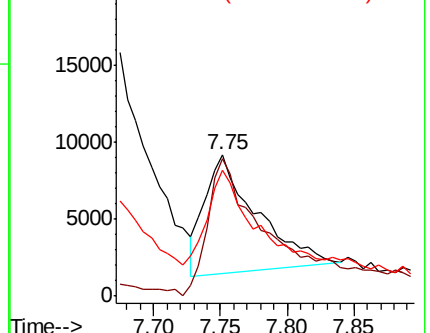
77 89.0 79.0 119.0

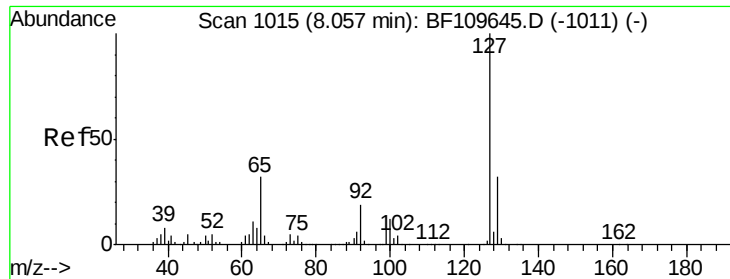


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

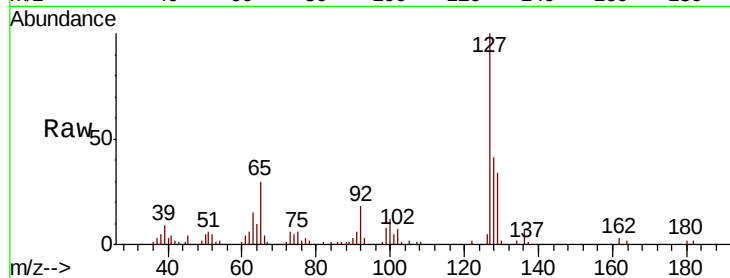




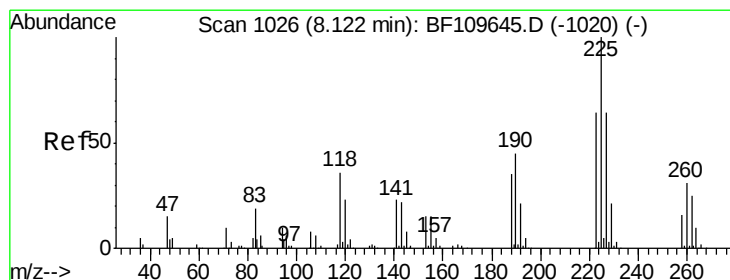
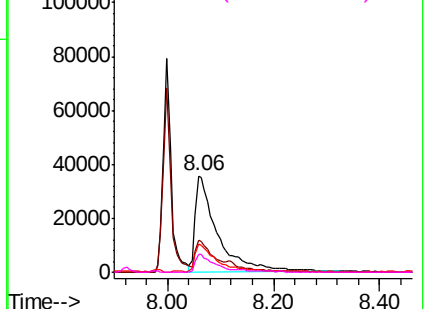
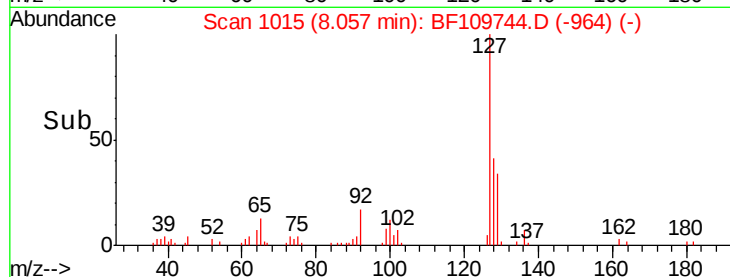
#33
4-Chloroaniline
Concen: 15.398 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF109744.D
Acq: 10 Oct 2018 16:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	104663
Ion Ratio	Lower	Upper
127	100	
129	33.6	26.0 39.0
65	29.7	25.1 37.7
92	18.0	15.0 22.6

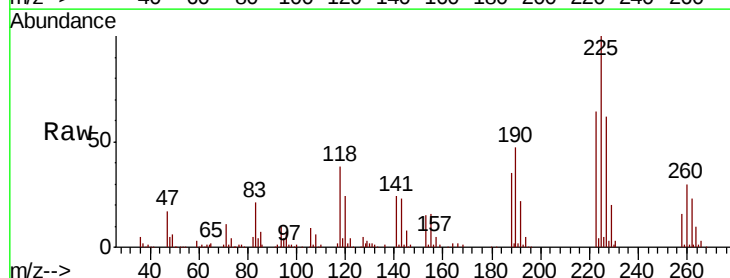


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

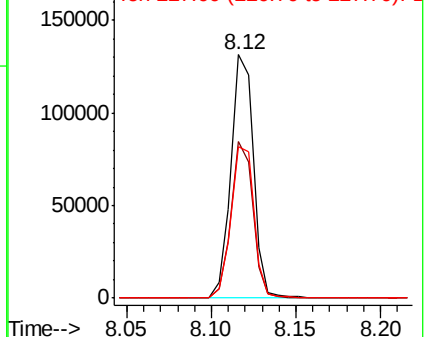
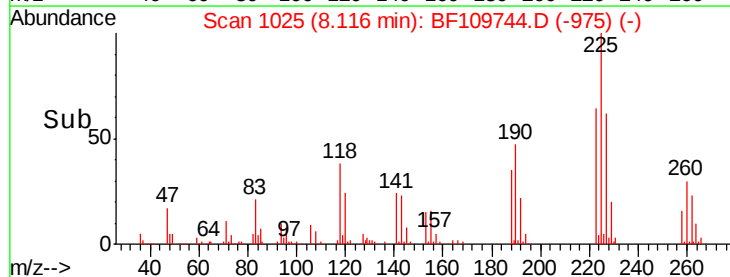


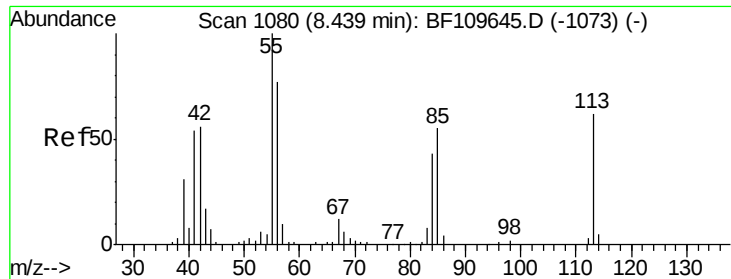
#34
Hexachlorobutadiene
Concen: 36.781 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF109744.D
Acq: 10 Oct 2018 16:04

Tgt Ion:225	Resp:	120840
Ion Ratio	Lower	Upper
225	100	
223	64.1	51.4 77.2
227	62.2	51.0 76.6



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

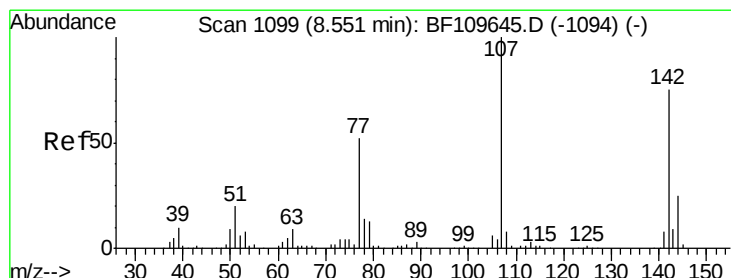
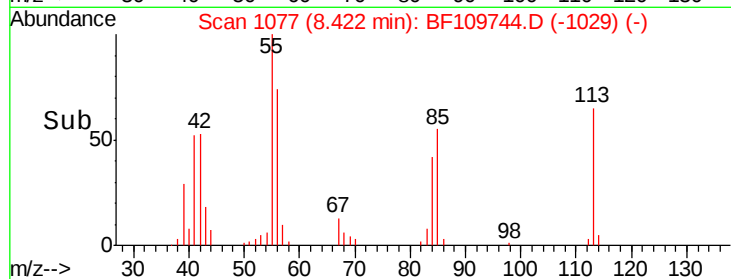
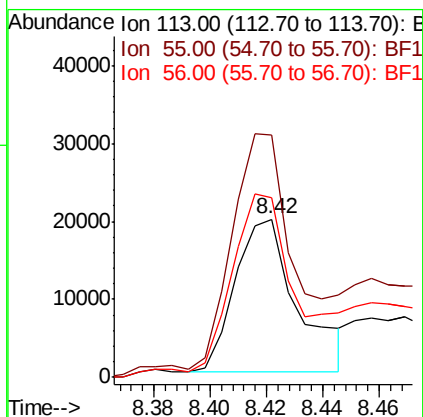
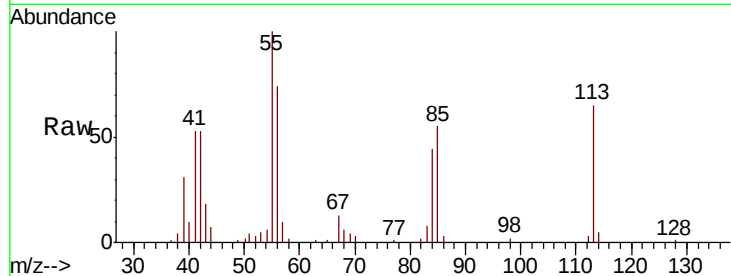




#35
 Caprolactam
 Concen: 21.158 ng
 RT: 8.42 min Scan# 1077
 Delta R.T. -0.02 min
 Lab File: BF109744.D
 Acq: 10 Oct 2018 16:04

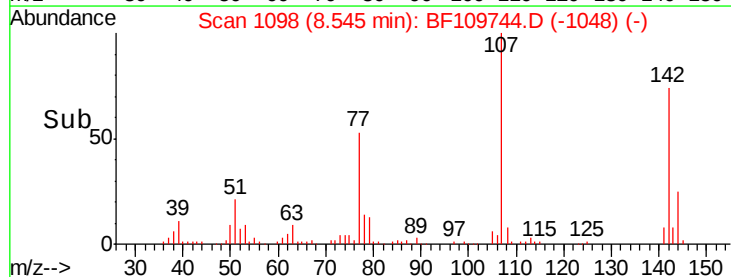
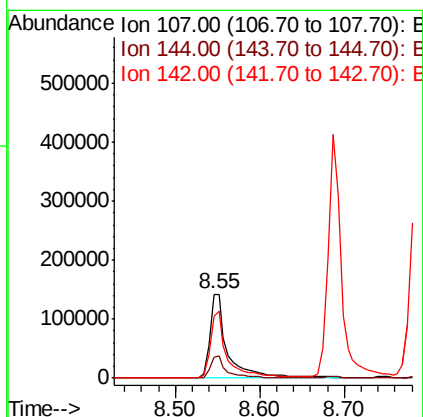
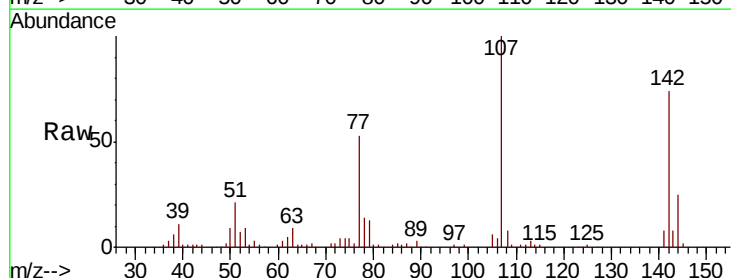
Instrument :
 BNA_F
 ClientSampleId :

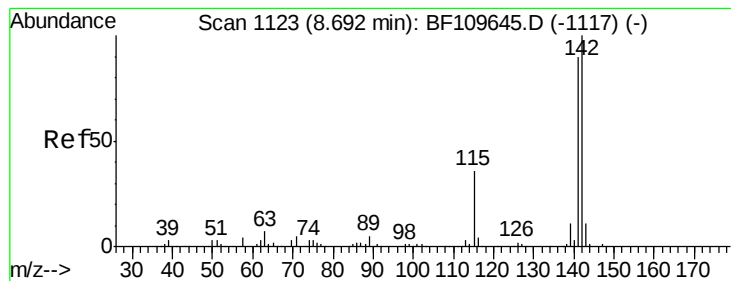
Tot Ion:113 Resp: 30161
 Ion Ratio Lower Upper
 113 100
 55 152.9 142.8 182.8
 56 113.7 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 42.114 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF109744.D
 Acq: 10 Oct 2018 16:04

Tgt Ion:107 Resp: 212195
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.0 30.0
 142 73.5 59.7 89.5





#37

2-Methylnaphthalene

Concen: 43.892 ng

RT: 8.69 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BF109744.D

Acq: 10 Oct 2018 16:04

Instrument :

BNA_F

ClientSampled :

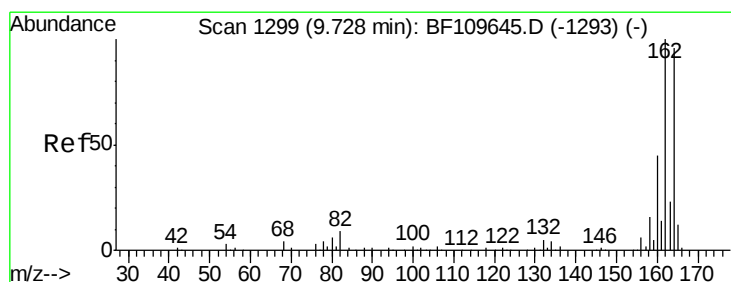
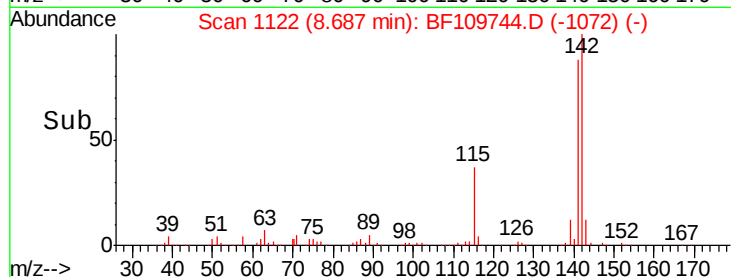
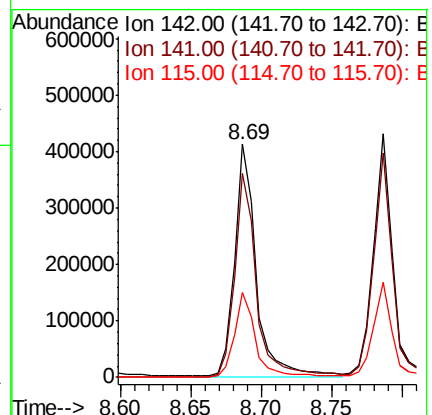
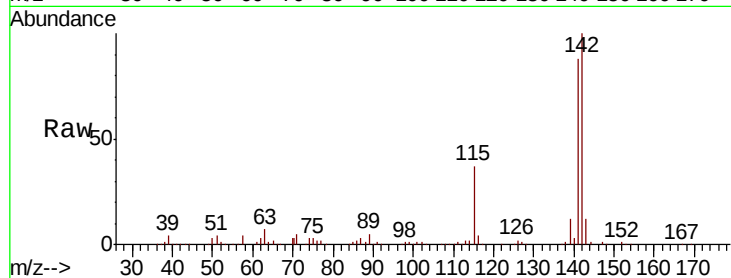
Tot Ion:142 Resp: 443780

Ion Ratio Lower Upper

142 100

141 87.7 71.4 107.2

115 36.5 28.7 43.1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF109744.D

Acq: 10 Oct 2018 16:04

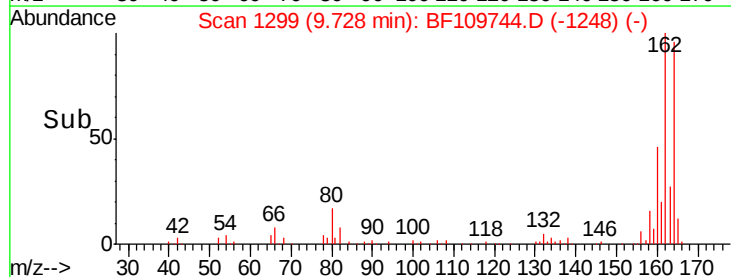
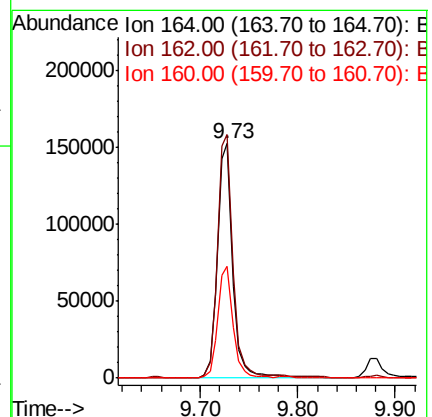
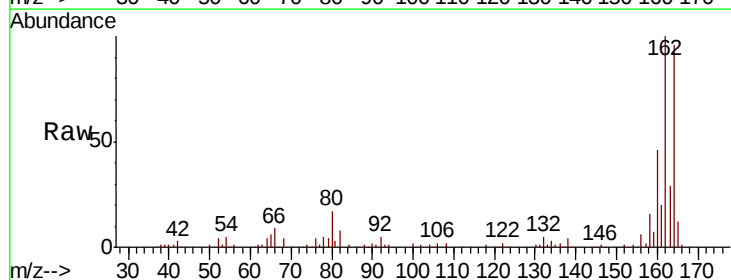
Tgt Ion:164 Resp: 166378

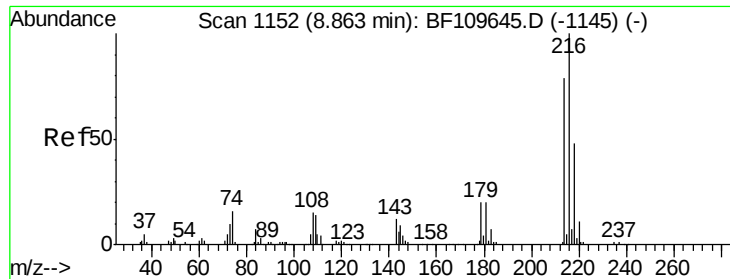
Ion Ratio Lower Upper

164 100

162 103.8 83.0 124.6

160 47.6 37.0 55.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.771 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF109744.D

Acq: 10 Oct 2018 16:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 208255

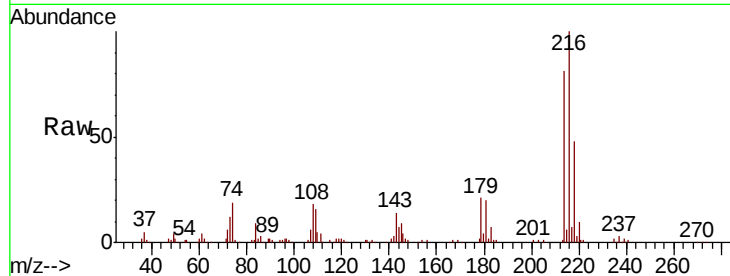
Ion Ratio Lower Upper

216 100

214 79.6 63.8 95.6

179 20.9 16.6 25.0

108 20.2 15.1 22.7

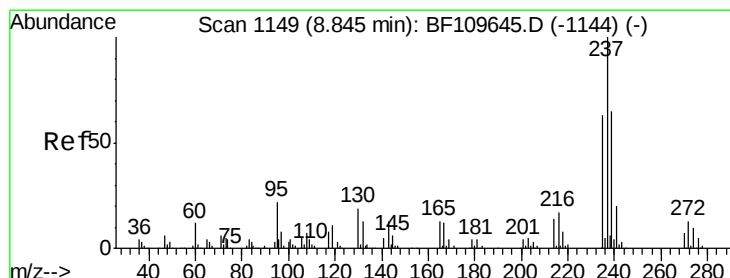
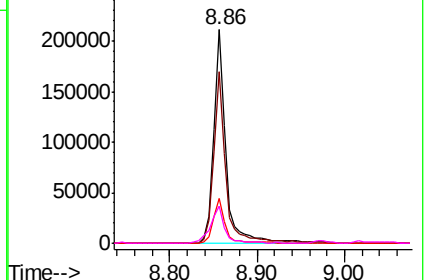
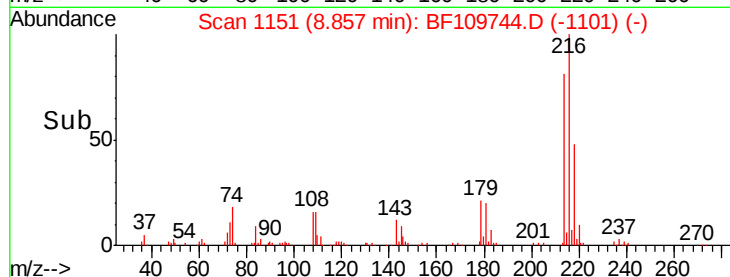


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 69.094 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF109744.D

Acq: 10 Oct 2018 16:04

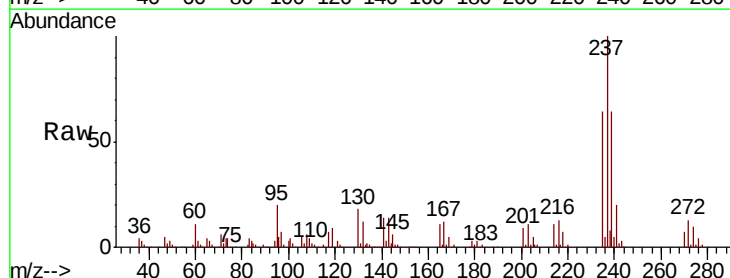
Tgt Ion:237 Resp: 168669

Ion Ratio Lower Upper

237 100

235 63.7 43.1 83.1

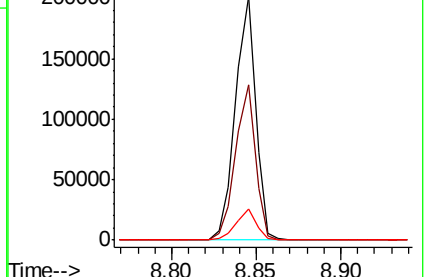
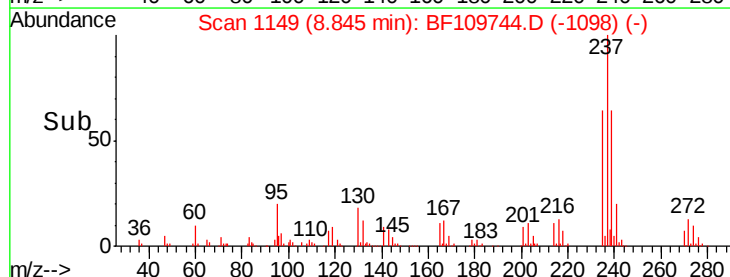
272 12.9 0.0 32.6



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

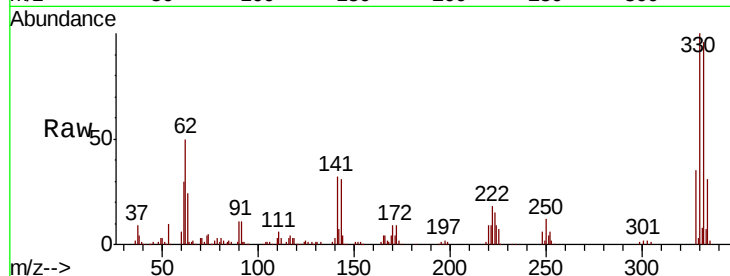




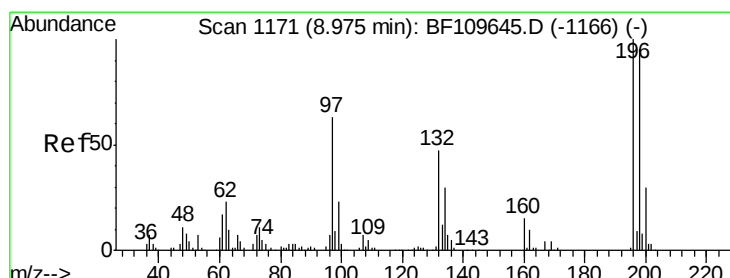
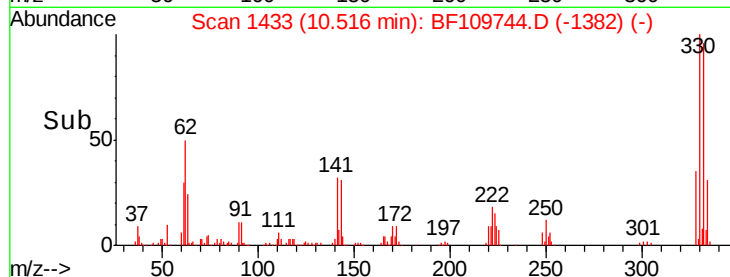
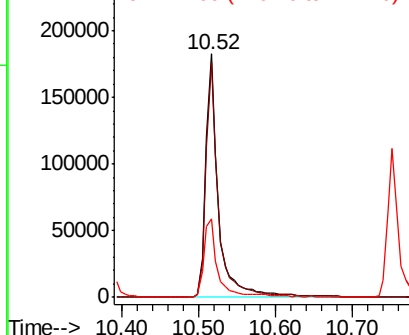
#41
 2,4,6-Tribromophenol
 Concen: 116.745 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF109744.D
 Acq: 10 Oct 2018 16:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 211644
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.1 115.7
 141 33.4 27.0 40.4

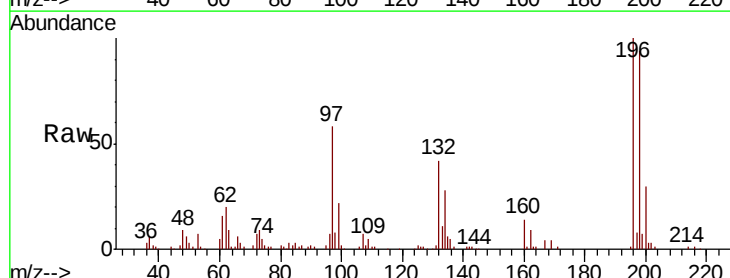


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

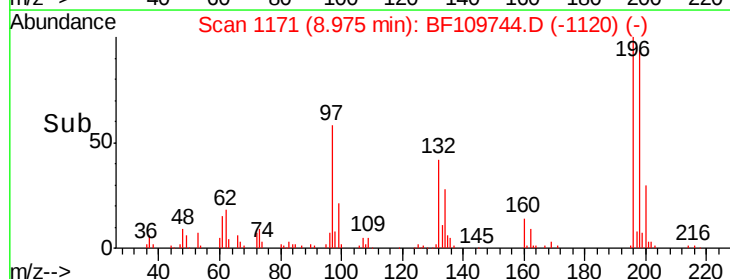
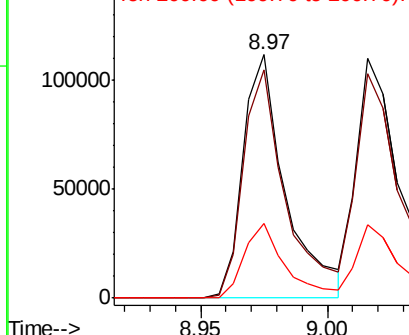


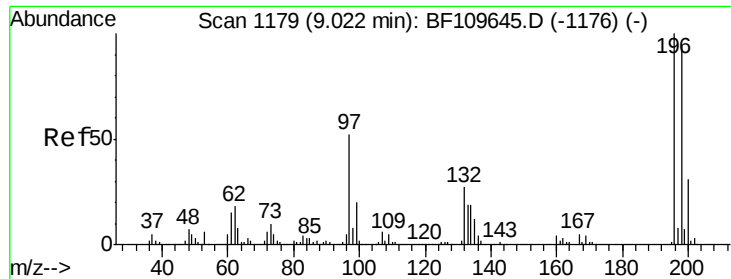
#42
 2,4,6-Trichlorophenol
 Concen: 38.497 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BF109744.D
 Acq: 10 Oct 2018 16:04

Tgt Ion:196 Resp: 130337
 Ion Ratio Lower Upper
 196 100
 198 93.9 76.2 114.4
 200 30.4 24.4 36.6



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

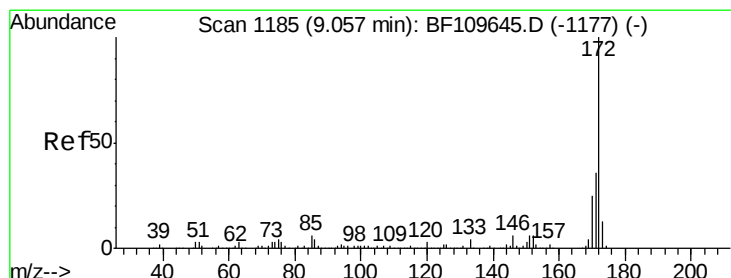
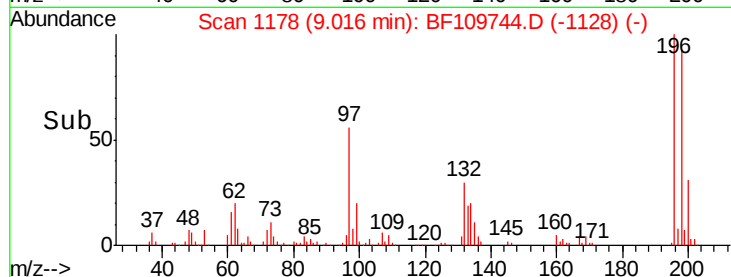
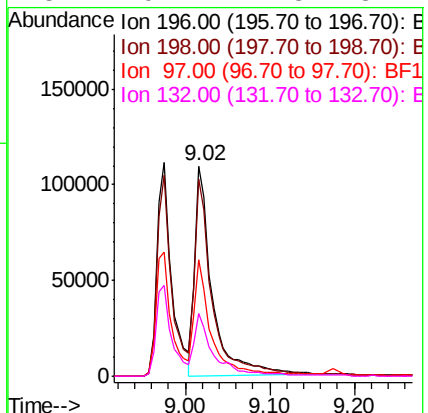
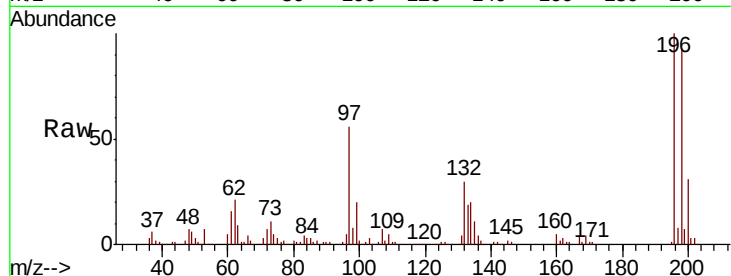




#43
 2,4,5-Trichlorophenol
 Concen: 40.273 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF109744.D
 Acq: 10 Oct 2018 16:04

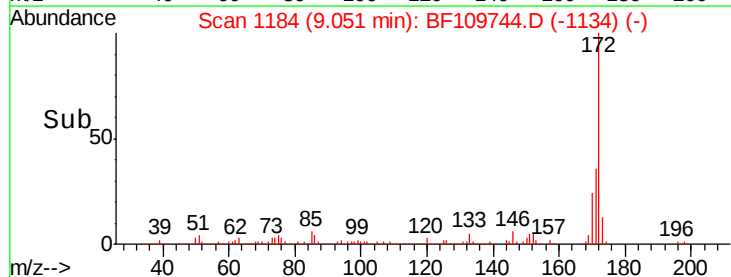
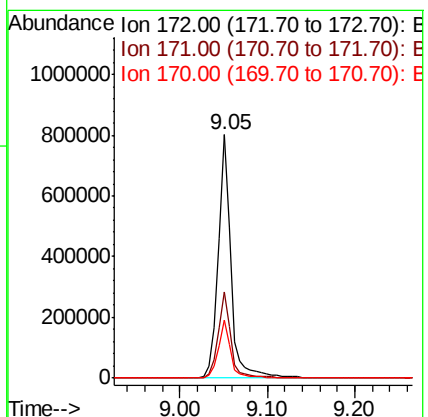
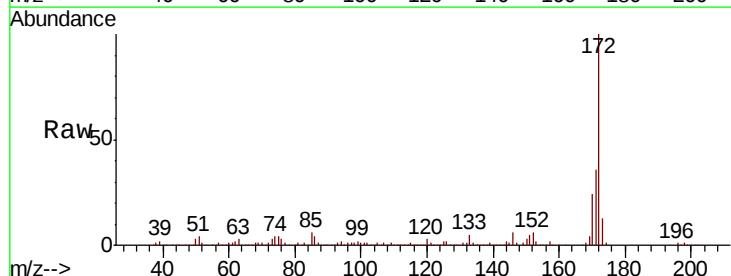
Instrument :
 BNA_F
 ClientSampled :

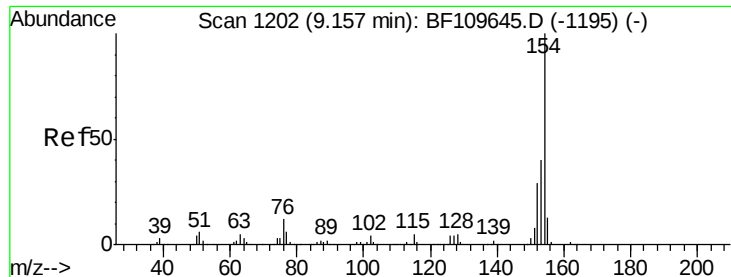
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.5	75.8	113.6
97	55.7	42.4	63.6
132	29.7	22.8	34.2



#44
 2-Fluorobiphenyl
 Concen: 67.968 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109744.D
 Acq: 10 Oct 2018 16:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	24.0	19.7	29.5

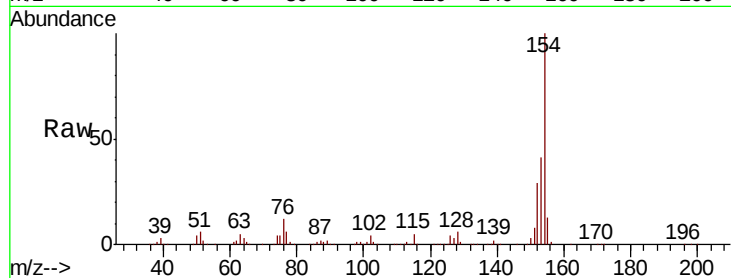




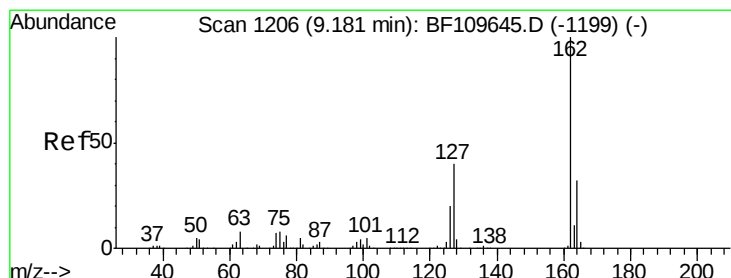
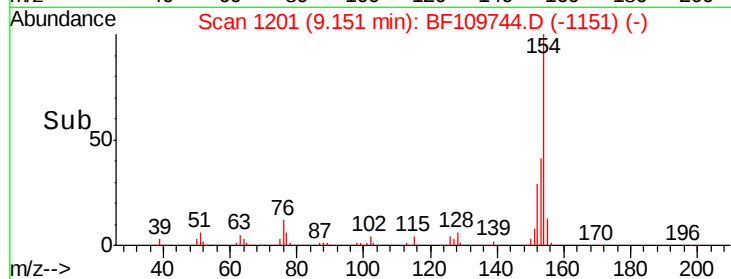
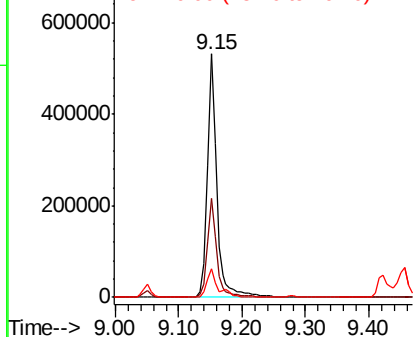
#45
 1,1'-Biphenyl
 Concen: 36.998 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF109744.D
 Acq: 10 Oct 2018 16:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 549914
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.4 60.4
 76 11.8 0.0 31.9

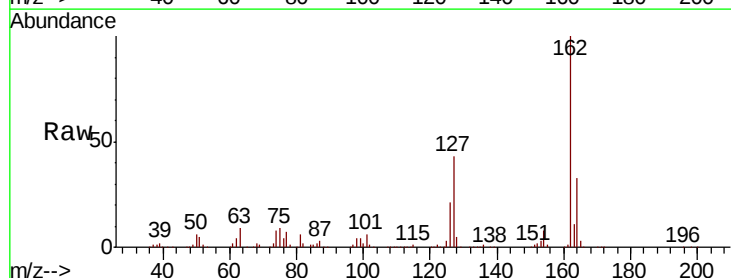


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

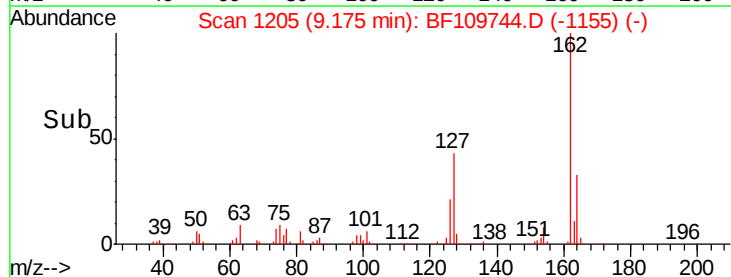
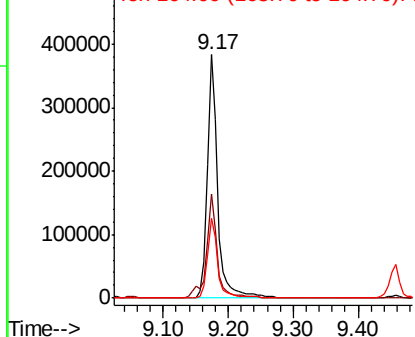


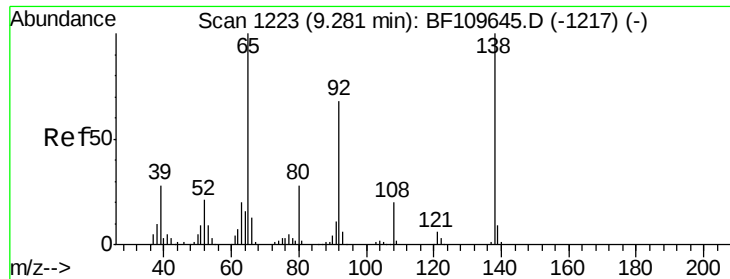
#46
 2-Chloronaphthalene
 Concen: 38.023 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF109744.D
 Acq: 10 Oct 2018 16:04

Tgt Ion:162 Resp: 423406
 Ion Ratio Lower Upper
 162 100
 127 42.5 32.6 48.8
 164 32.7 25.9 38.9



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

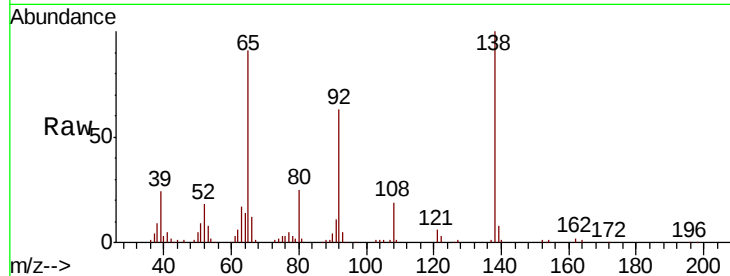




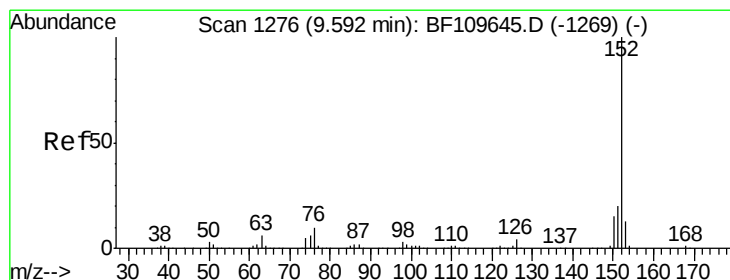
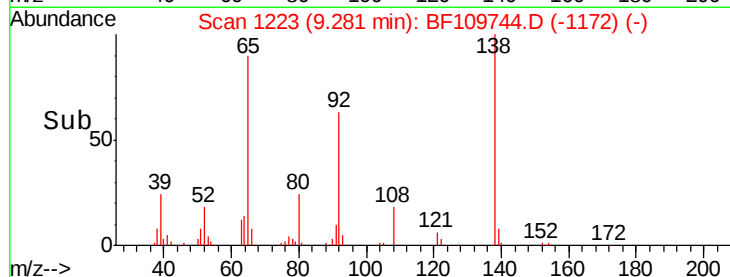
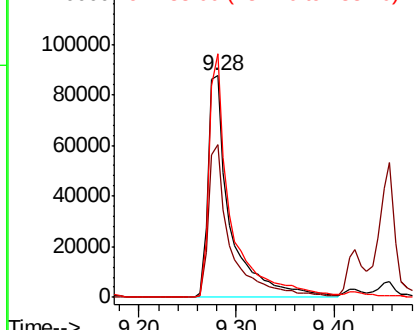
#47
2-Nitroaniline
Concen: 41.095 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BF109744.D
Acq: 10 Oct 2018 16:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 138563
Ion Ratio Lower Upper
65 100
92 69.2 54.6 81.8
138 109.9 80.3 120.5

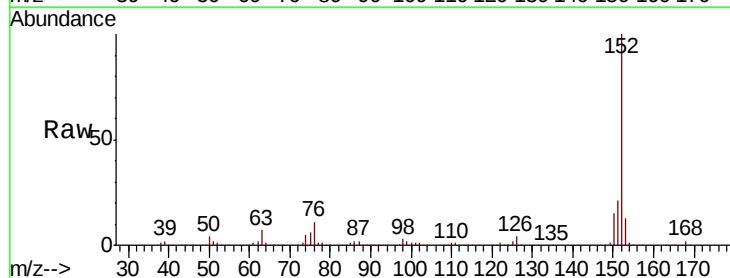


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

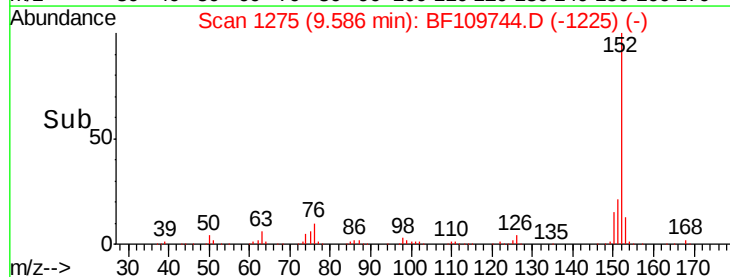
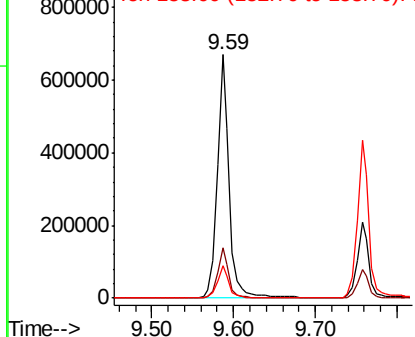


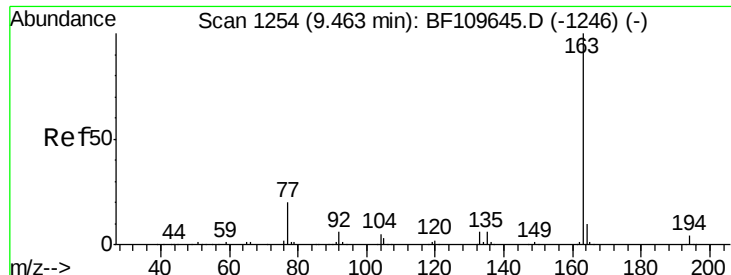
#48
Acenaphthylene
Concen: 41.690 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF109744.D
Acq: 10 Oct 2018 16:04

Tgt Ion: 152 Resp: 676799
Ion Ratio Lower Upper
152 100
151 20.6 15.8 23.8
153 13.5 10.4 15.6



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

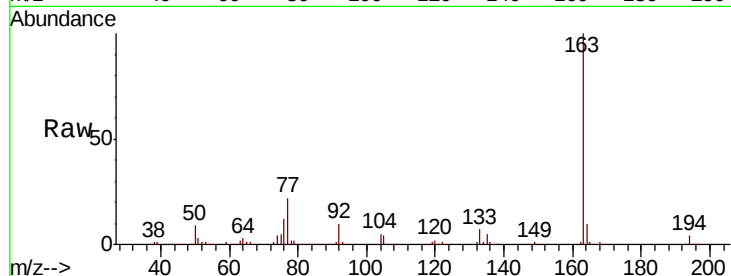




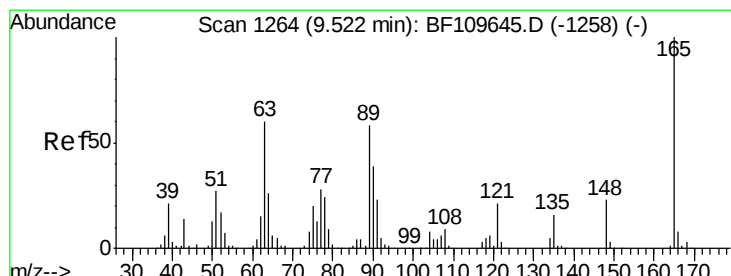
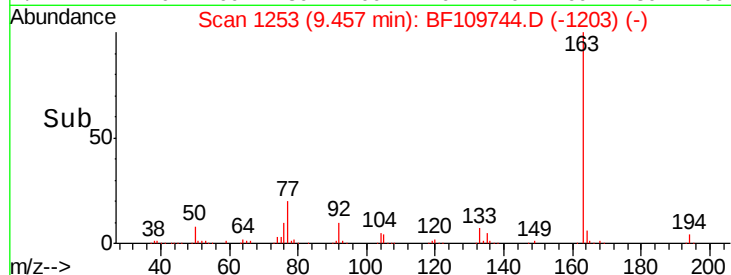
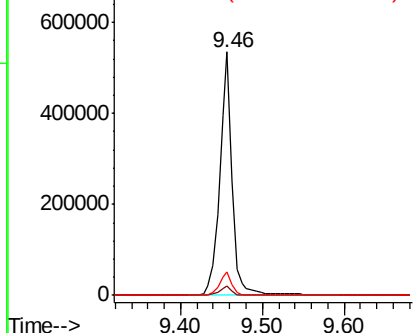
#49
Dimethylphthalate
Concen: 46.753 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF109744.D
Acq: 10 Oct 2018 16:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	9.8	8.1	12.1

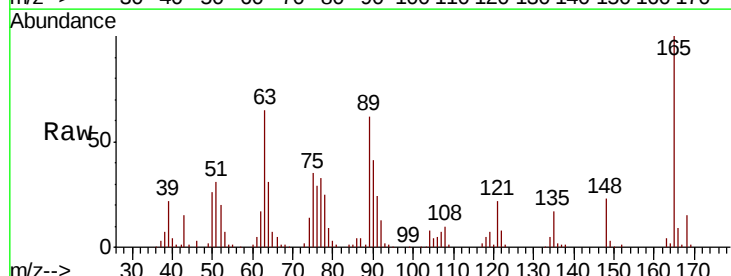


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

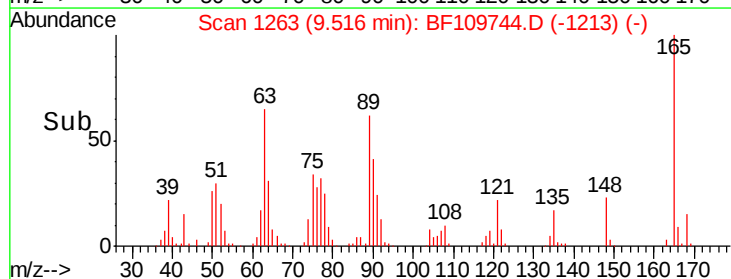
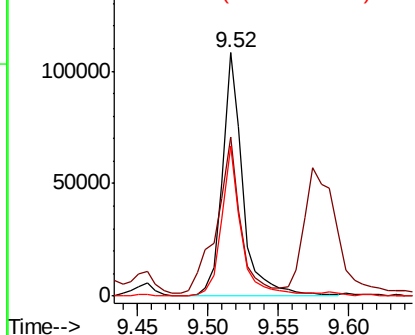


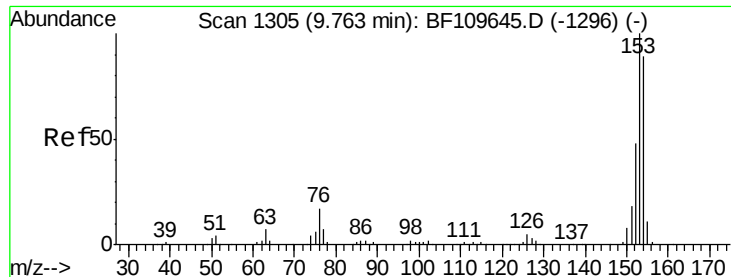
#50
2,6-Dinitrotoluene
Concen: 41.465 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF109744.D
Acq: 10 Oct 2018 16:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	65.4	48.9	73.3
89	61.6	46.6	69.8



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





#51

Acenaphthene

Concen: 38.820 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF109744.D

Acq: 10 Oct 2018 16:04

Instrument :

BNA_F

ClientSampleId :

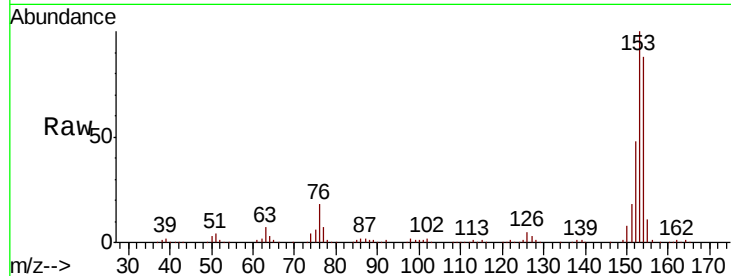
Tot Ion:154 Resp: 373587

Ion Ratio Lower Upper

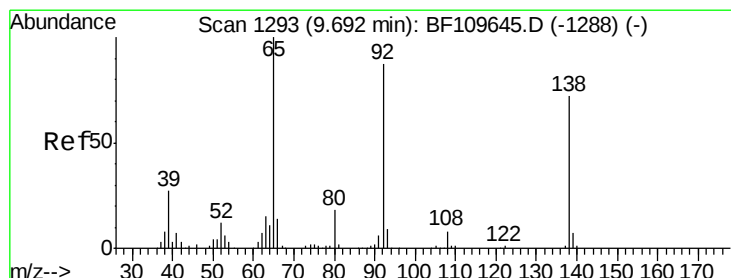
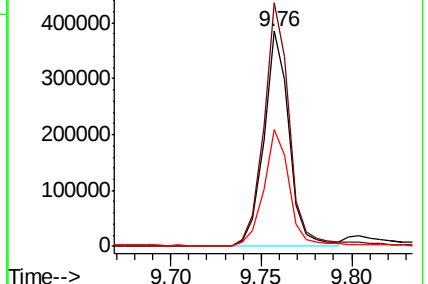
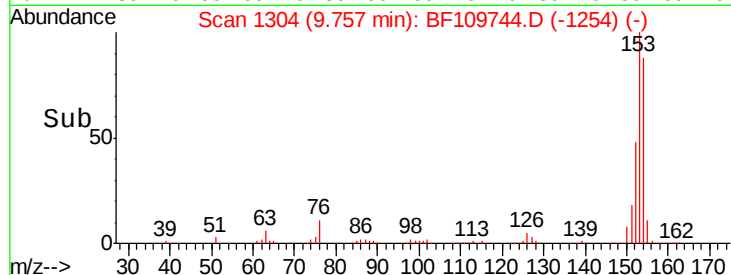
154 100

153 113.0 90.1 135.1

152 54.3 43.4 65.2



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



#52

3-Nitroaniline

Concen: 23.084 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF109744.D

Acq: 10 Oct 2018 16:04

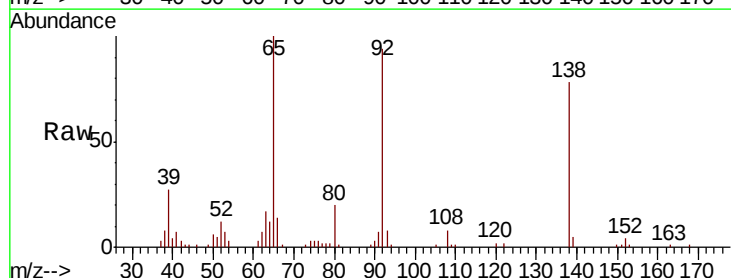
Tgt Ion:138 Resp: 68444

Ion Ratio Lower Upper

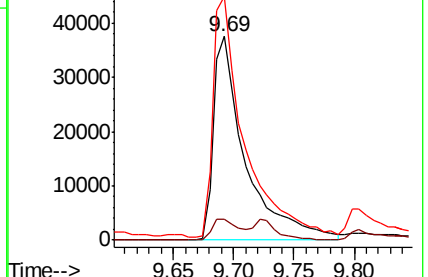
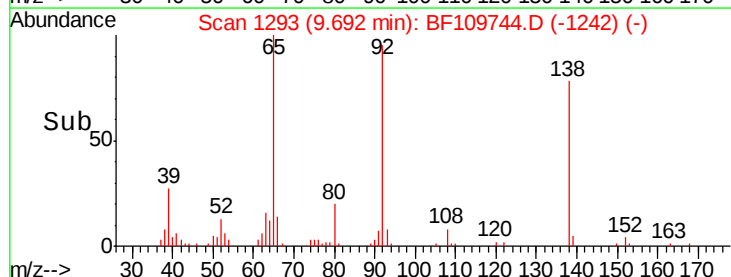
138 100

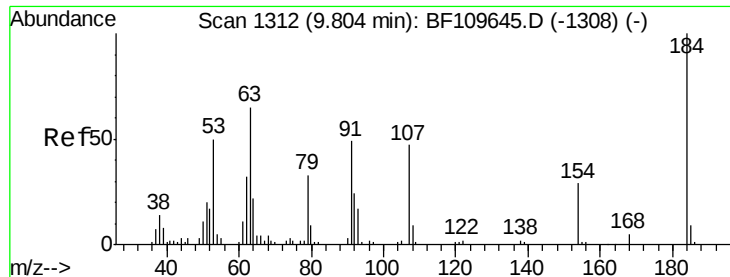
108 10.5 8.7 13.1

92 119.6 97.0 145.4



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

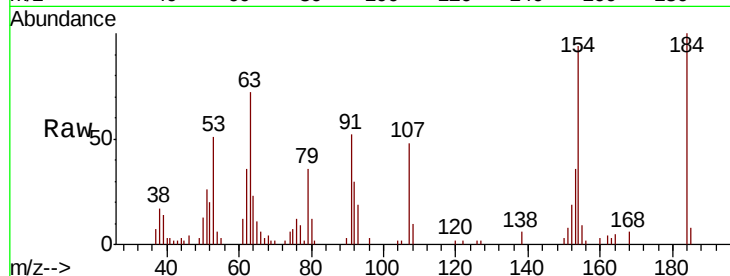




#53
2,4-Dinitrophenol
Concen: 40.966 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF109744.D
Acq: 10 Oct 2018 16:04

Instrument :
BNA_F
ClientSampled :

Tot Ion	184	Resp	34960
Ion Ratio	Lower	Upper	
184	100		
63	72.4	55.8	83.6
154	94.0	63.2	94.8

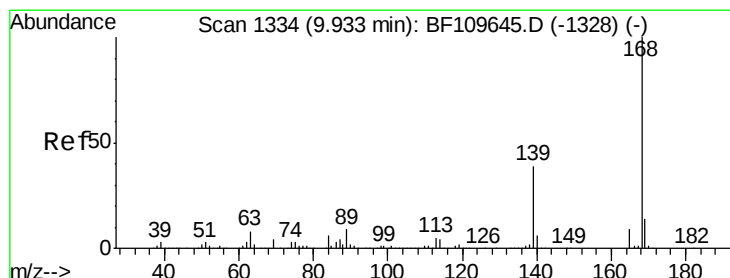
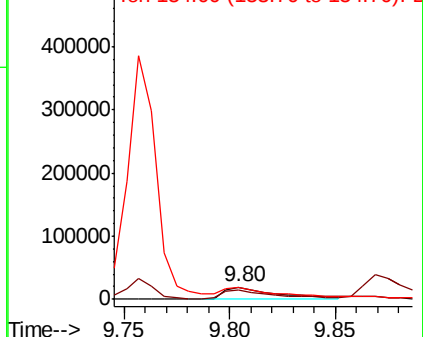
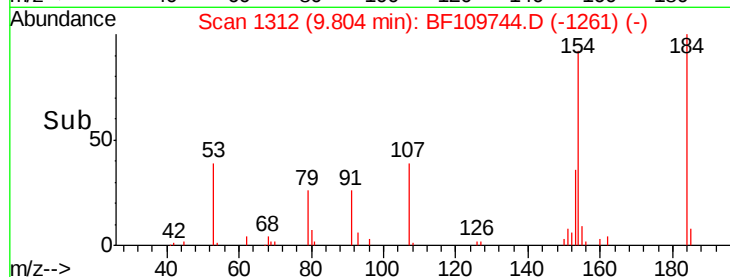


Abundance

Ion 184.00 (183.70 to 184.70): E

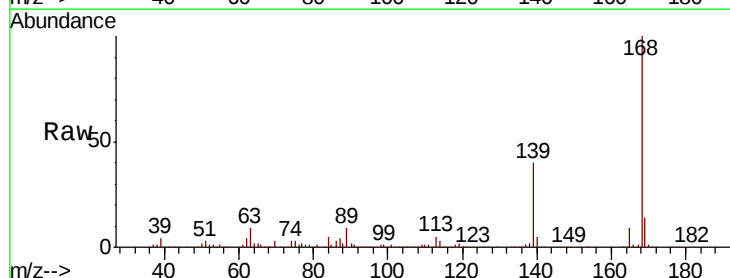
Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#54
Dibenzofuran
Concen: 39.938 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF109744.D
Acq: 10 Oct 2018 16:04

Tgt Ion	168	Resp	576120
Ion Ratio	Lower	Upper	
168	100		
139	40.0	33.0	49.6
169	14.0	11.3	16.9

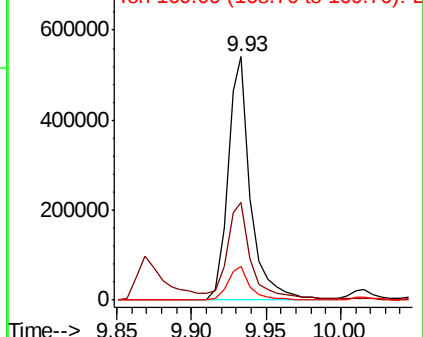
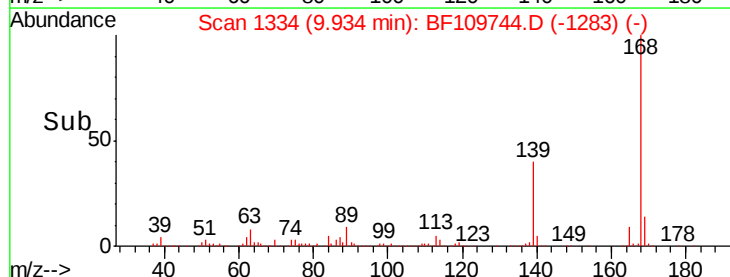


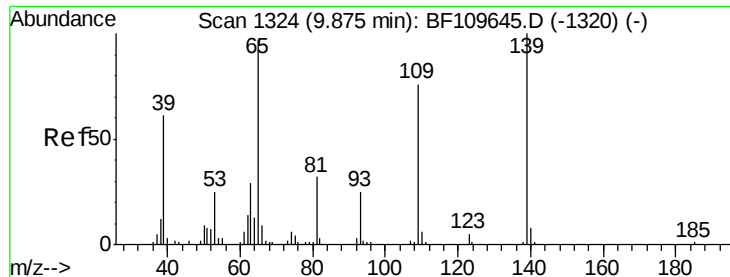
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

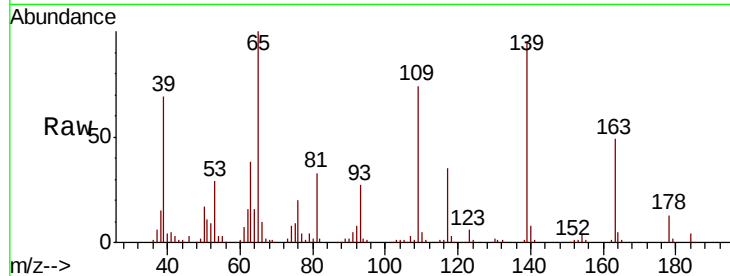




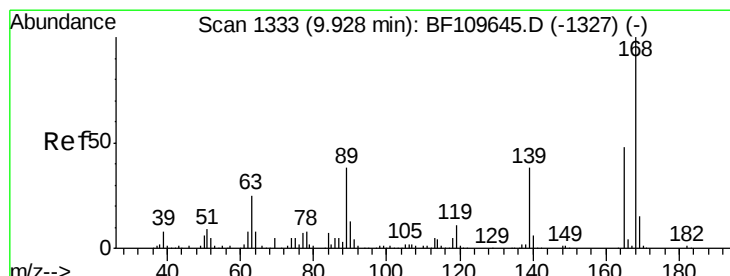
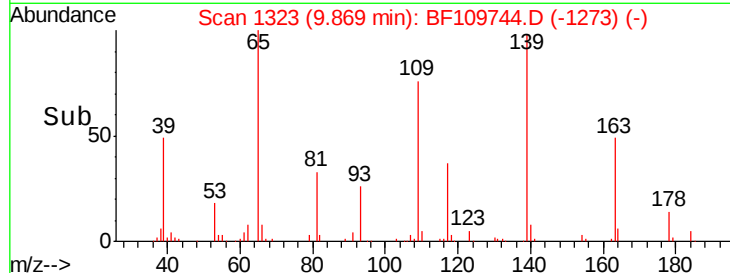
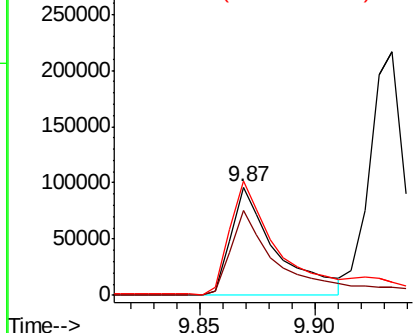
#55
4-Nitrophenol
Concen: 80.864 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF109744.D
Acq: 10 Oct 2018 16:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 131237
Ion Ratio Lower Upper
139 100
109 78.1 55.8 95.8
65 105.4 77.9 117.9



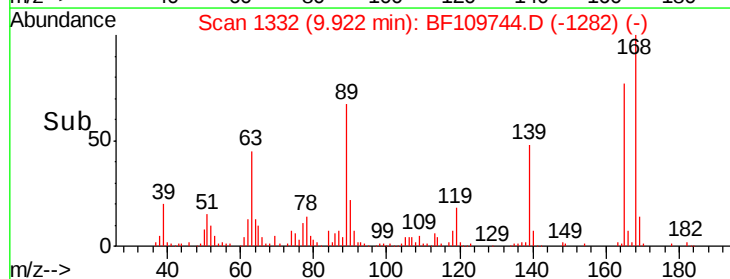
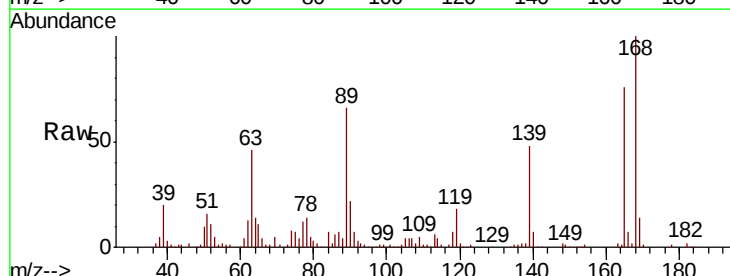
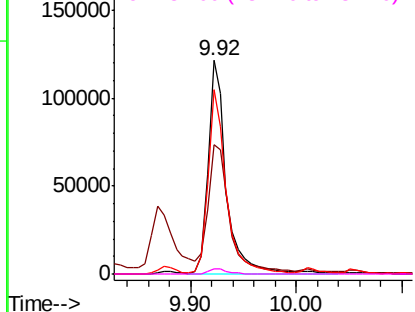
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

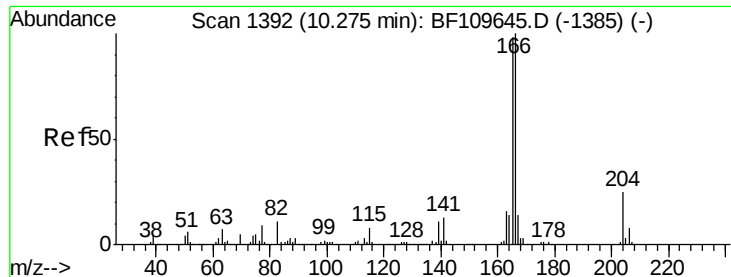


#56
2,4-Dinitrotoluene
Concen: 43.484 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF109744.D
Acq: 10 Oct 2018 16:04

Tgt Ion:165 Resp: 143537
Ion Ratio Lower Upper
165 100
63 60.6 44.8 67.2
89 86.4 62.2 93.4
182 2.4 2.1 3.1

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





#57

Fluorene

Concen: 42.727 ng

RT: 10.27 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BF109744.D

Acq: 10 Oct 2018 16:04

Instrument :

BNA_F

ClientSampleId :

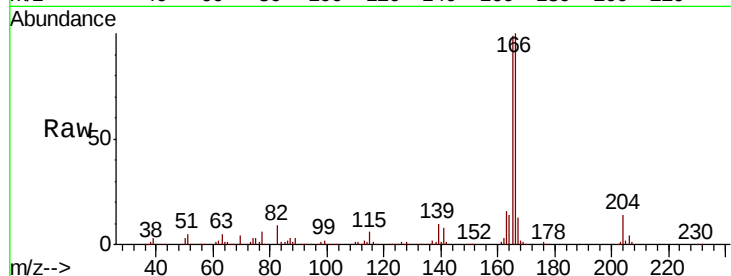
Tot Ion:166 Resp: 460281

Ion Ratio Lower Upper

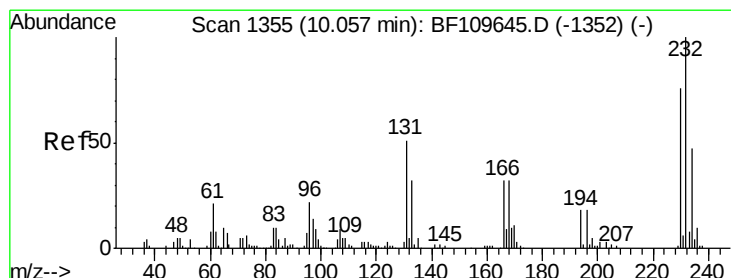
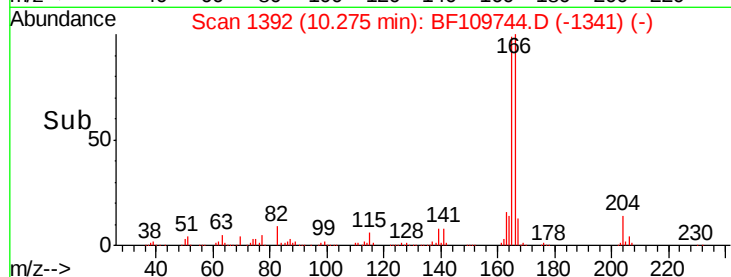
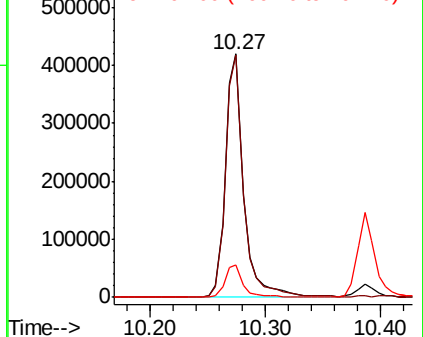
166 100

165 99.5 78.6 117.8

167 13.3 10.8 16.2



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.690 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BF109744.D

Acq: 10 Oct 2018 16:04

Tgt Ion:232 Resp: 135087

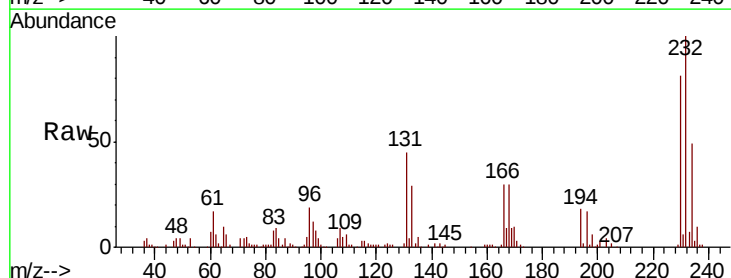
Ion Ratio Lower Upper

232 100

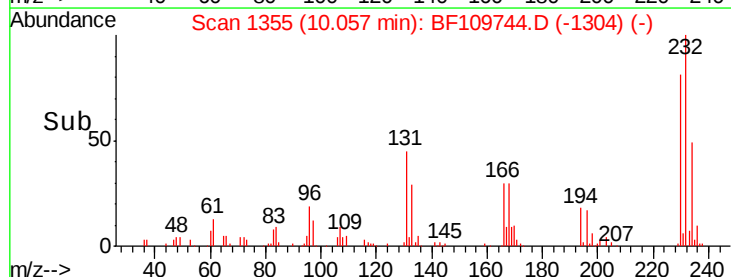
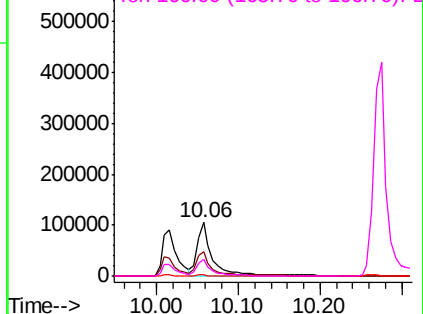
131 45.4 37.0 55.4

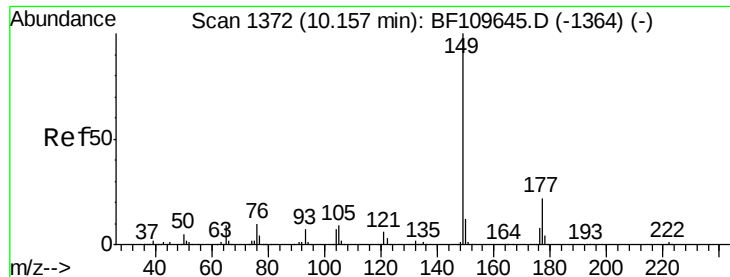
130 2.2 1.8 2.6

166 27.0 22.0 33.0



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

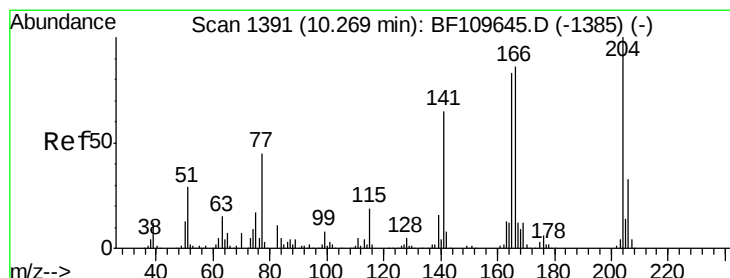
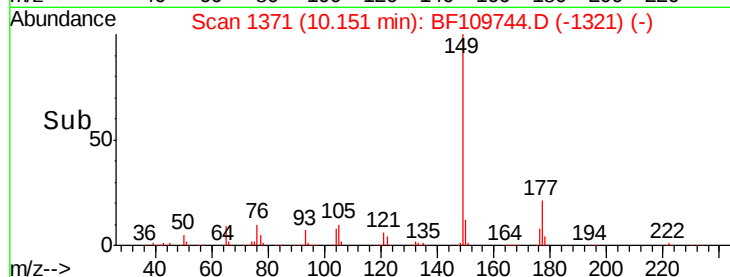
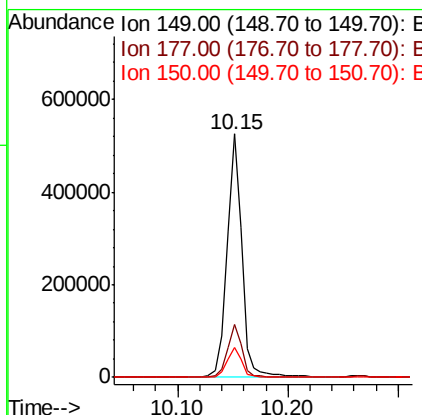
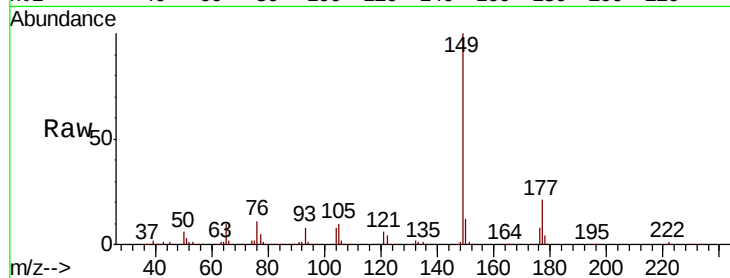




#59
Diethylphthalate
Concen: 41.188 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF109744.D
Acq: 10 Oct 2018 16:04

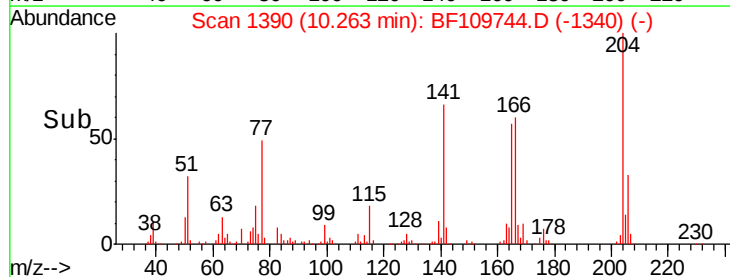
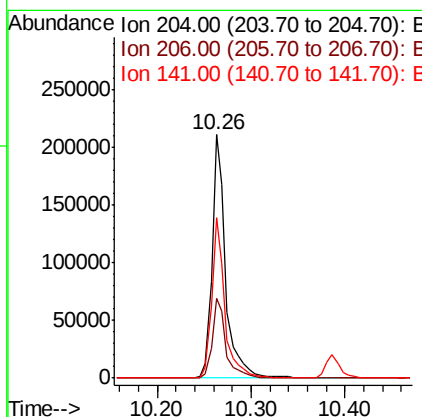
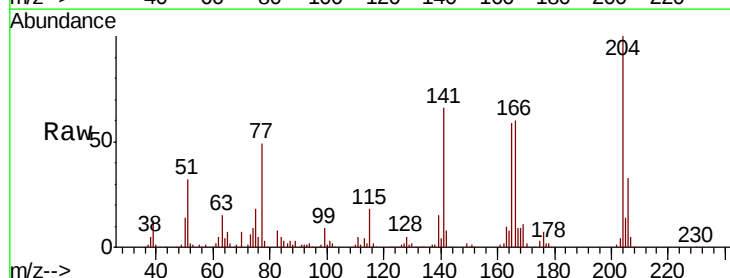
Instrument :
BNA_F
ClientSampleId :

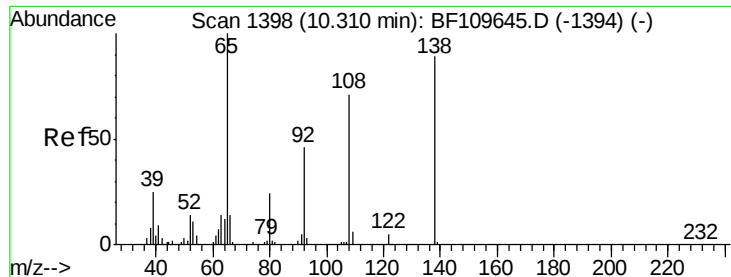
Tot Ion:149 Resp: 497971
Ion Ratio Lower Upper
149 100
177 21.5 17.4 26.2
150 12.3 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 38.355 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF109744.D
Acq: 10 Oct 2018 16:04

Tgt Ion:204 Resp: 217979
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 66.0 51.8 77.8

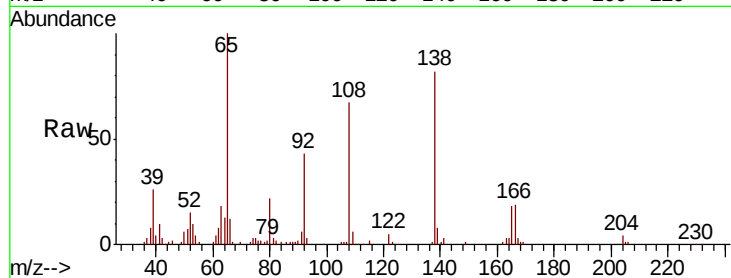




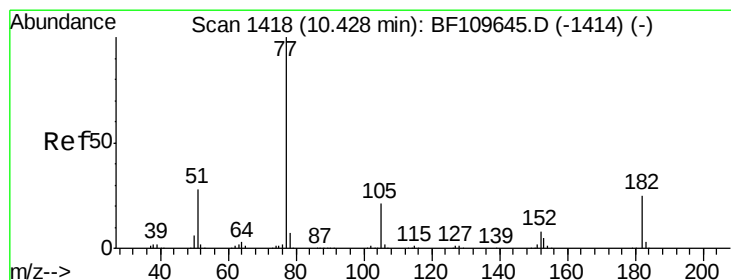
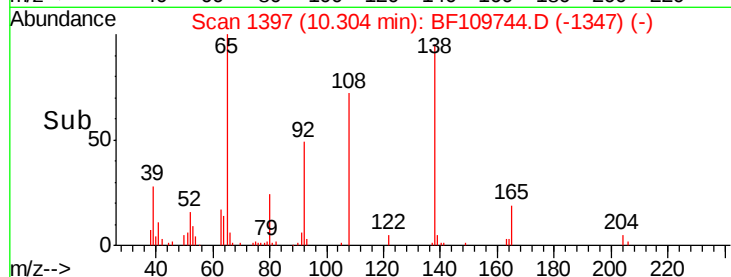
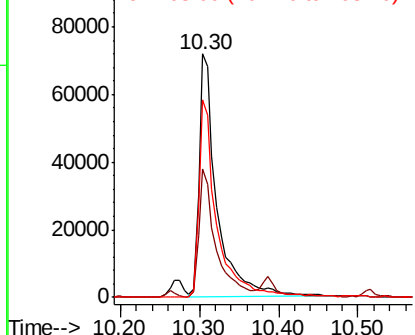
#61
4-Nitroaniline
Concen: 41.543 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF109744.D
Acq: 10 Oct 2018 16:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 114072
Ion Ratio Lower Upper
138 100
92 52.6 31.7 71.7
108 81.3 59.3 99.3

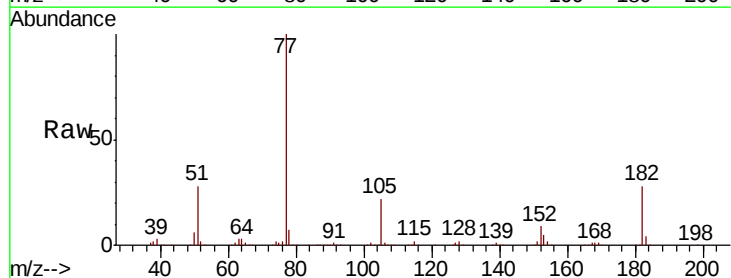


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

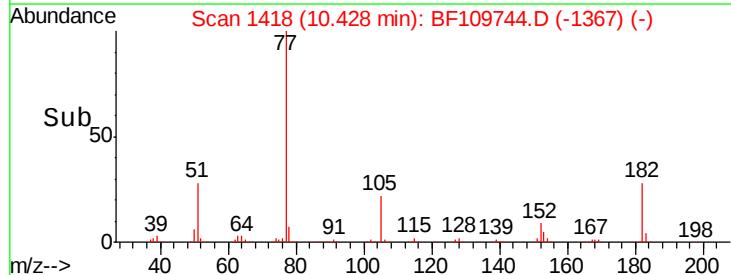
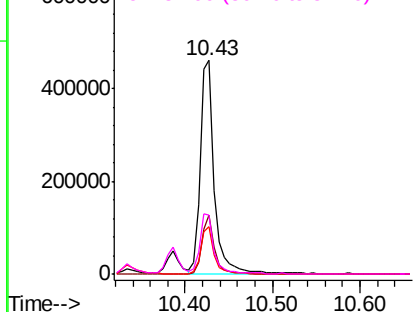


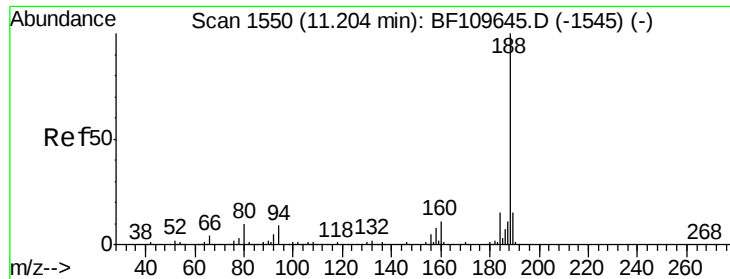
#62
Azobenzene
Concen: 41.302 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF109744.D
Acq: 10 Oct 2018 16:04

Tgt Ion: 77 Resp: 507084
Ion Ratio Lower Upper
77 100
182 27.6 4.3 44.3
105 21.9 1.3 41.3
51 27.8 9.0 49.0



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

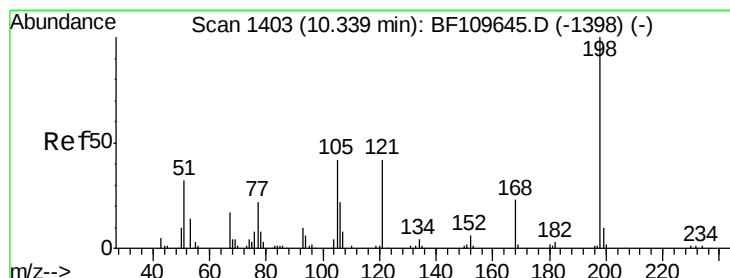
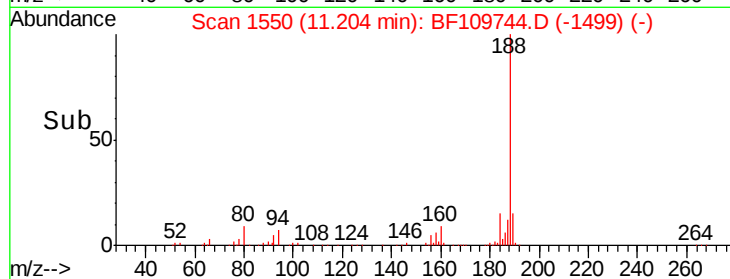
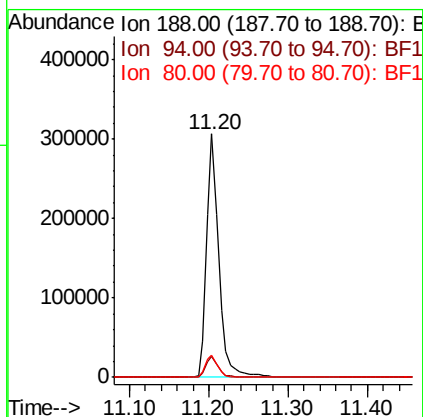
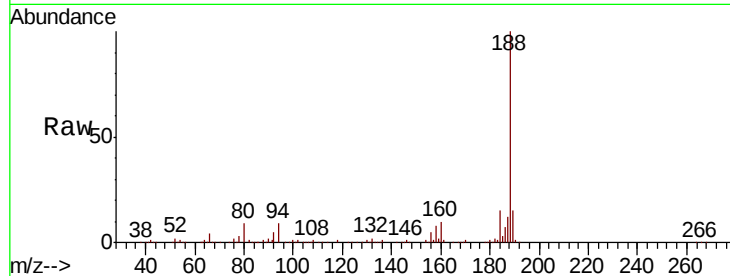




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF109744.D
Acq: 10 Oct 2018 16:04

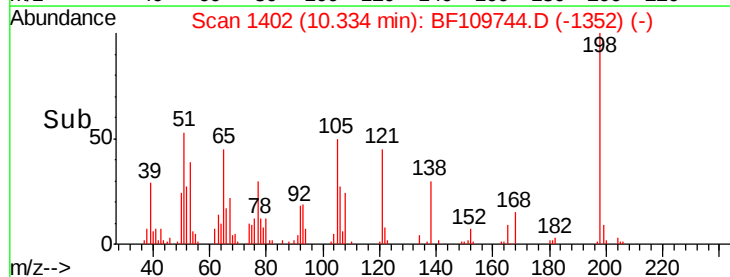
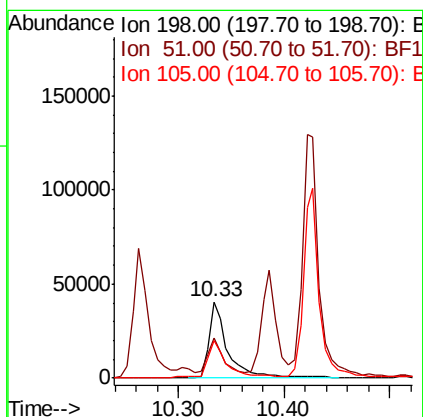
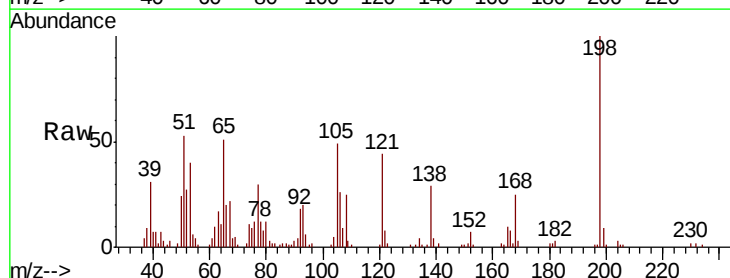
Instrument :
BNA_F
ClientSampleId :

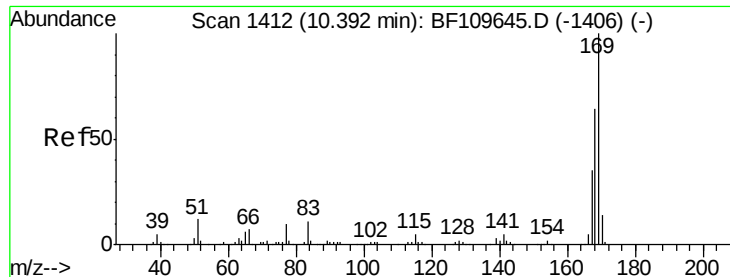
Tot Ion:188 Resp: 334534
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 9.2 7.9 11.9



#64
4,6-Dinitro-2-methylphenol
Concen: 31.081 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF109744.D
Acq: 10 Oct 2018 16:04

Tgt Ion:198 Resp: 50608
Ion Ratio Lower Upper
198 100
51 52.7 22.8 62.8
105 48.8 23.6 63.6

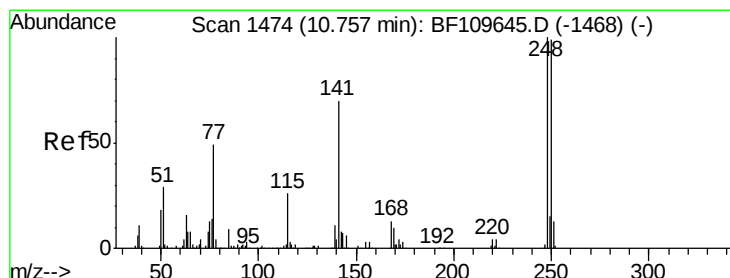
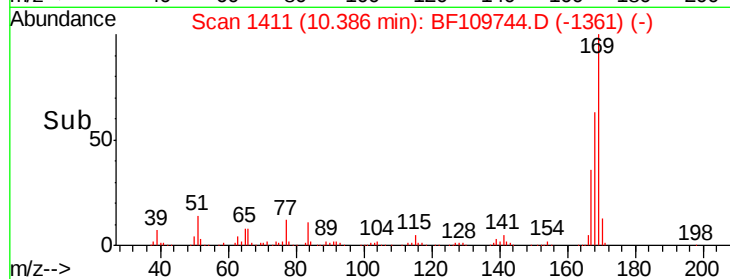
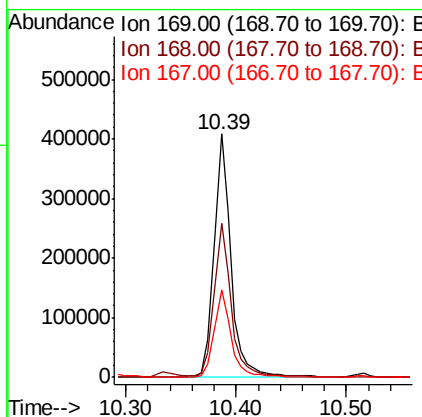
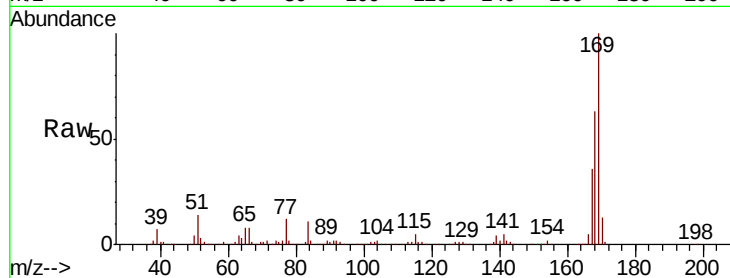




#65
 n-Nitrosodiphenylamine
 Concen: 38.006 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF109744.D
 Acq: 10 Oct 2018 16:04

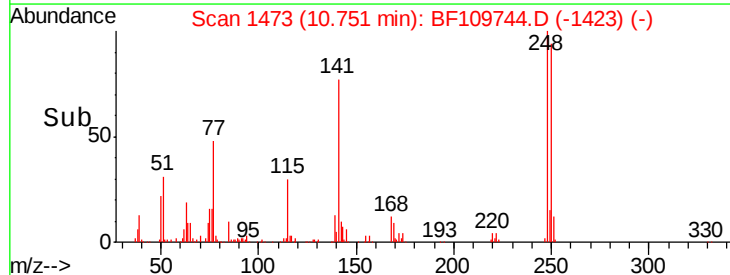
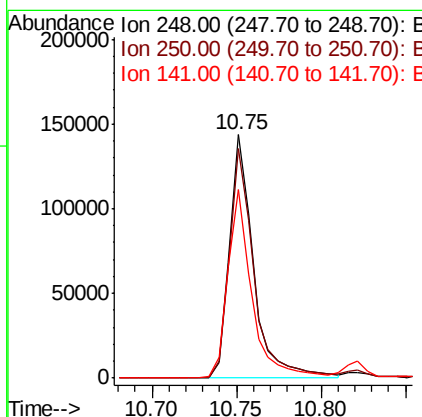
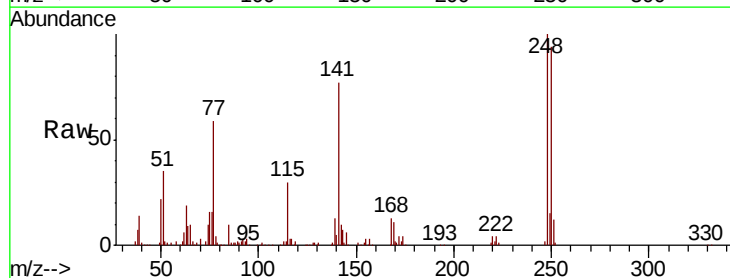
Instrument :
 BNA_F
 ClientSampleId :

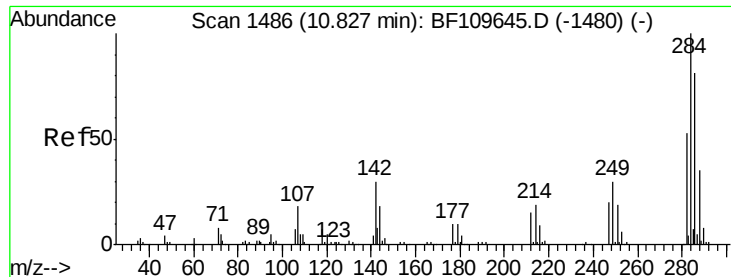
Tot Ion:169 Resp: 431014
 Ion Ratio Lower Upper
 169 100
 168 63.1 51.2 76.8
 167 35.9 27.8 41.6



#66
 4-Bromophenyl-phenylether
 Concen: 37.130 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.01 min
 Lab File: BF109744.D
 Acq: 10 Oct 2018 16:04

Tgt Ion:248 Resp: 142722
 Ion Ratio Lower Upper
 248 100
 250 94.2 79.4 119.2
 141 77.5 55.9 83.9

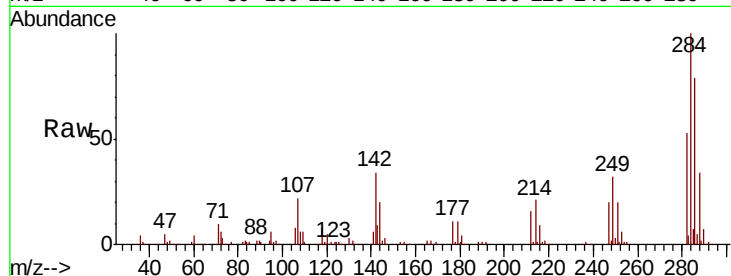




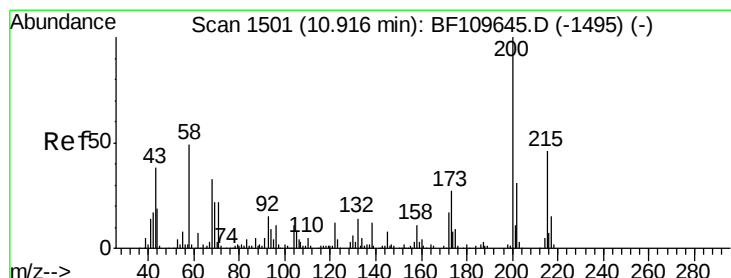
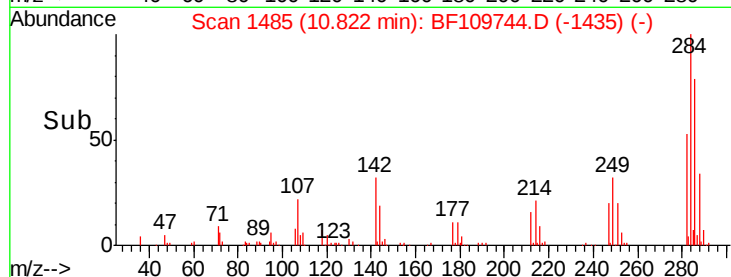
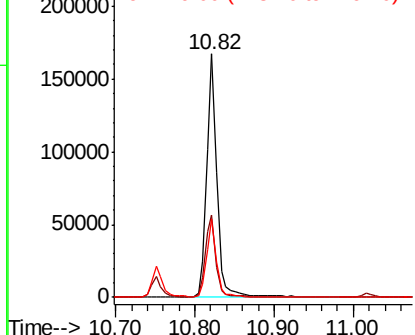
#67
Hexachlorobenzene
Concen: 36.920 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF109744.D
Acq: 10 Oct 2018 16:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 153671
Ion Ratio Lower Upper
284 100
142 33.7 23.9 35.9
249 32.4 24.2 36.2

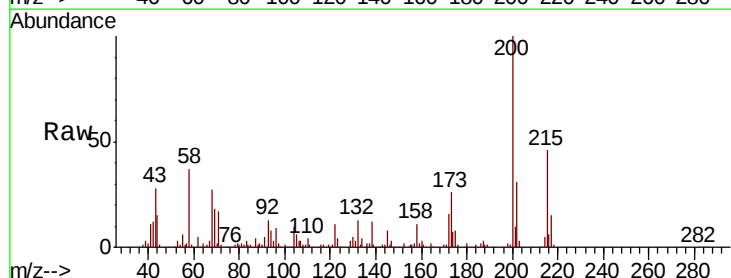


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

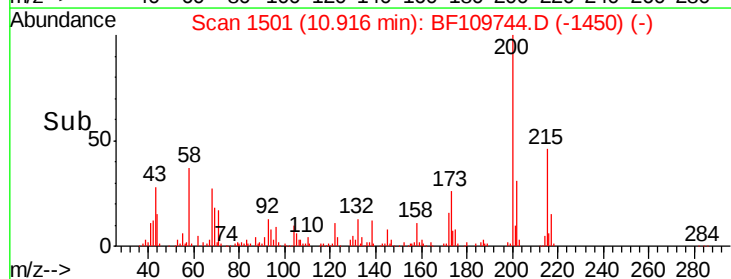
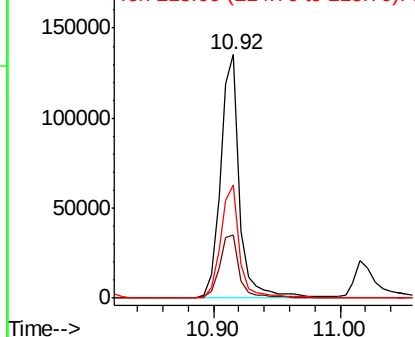


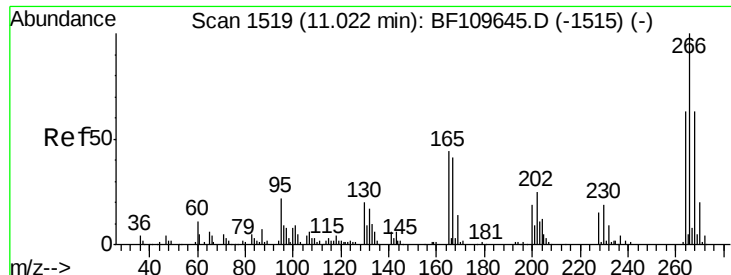
#68
Atrazine
Concen: 39.972 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF109744.D
Acq: 10 Oct 2018 16:04

Tgt Ion:200 Resp: 141472
Ion Ratio Lower Upper
200 100
173 25.7 6.6 46.6
215 46.5 26.3 66.3



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

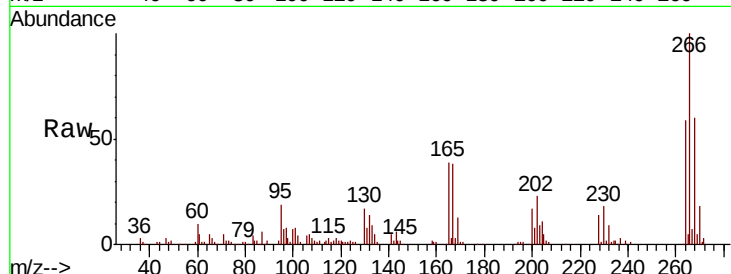




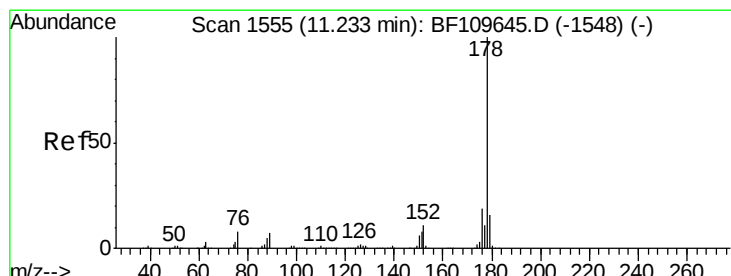
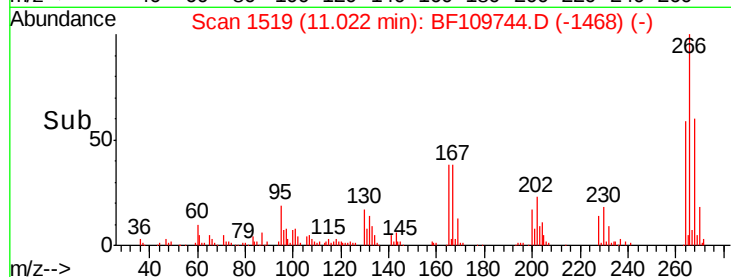
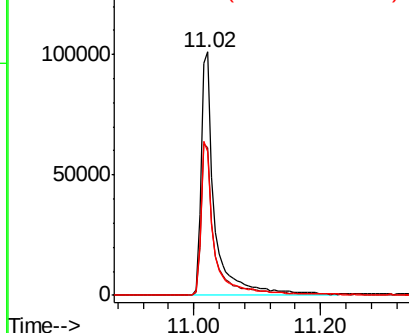
#69
 Pentachlorophenol
 Concen: 63.526 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BF109744.D
 Acq: 10 Oct 2018 16:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 148787
 Ion Ratio Lower Upper
 266 100
 268 60.5 50.6 75.8
 264 59.3 50.6 75.8

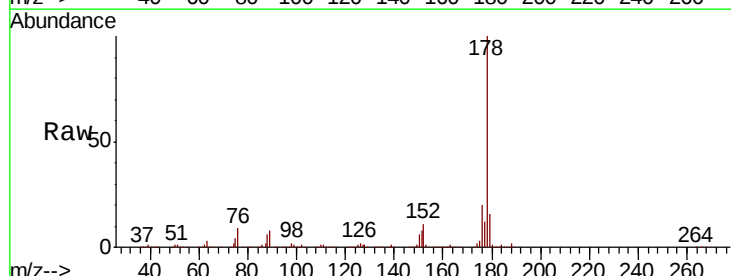


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

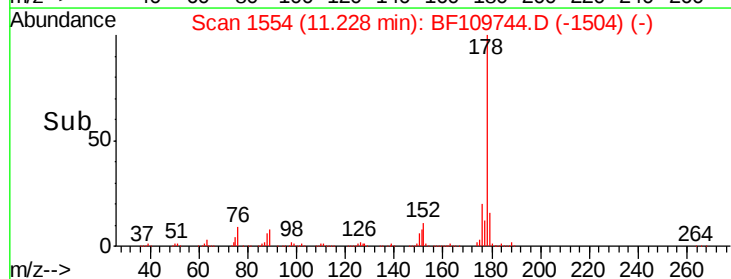
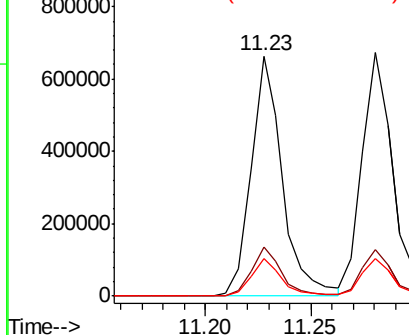


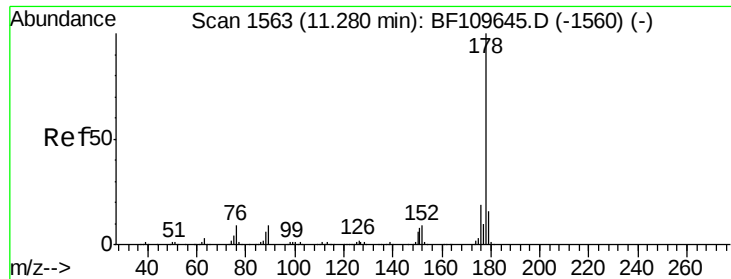
#70
 Phenanthrene
 Concen: 40.780 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF109744.D
 Acq: 10 Oct 2018 16:04

Tgt Ion:178 Resp: 682708
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.5 23.3
 179 15.7 12.5 18.7



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

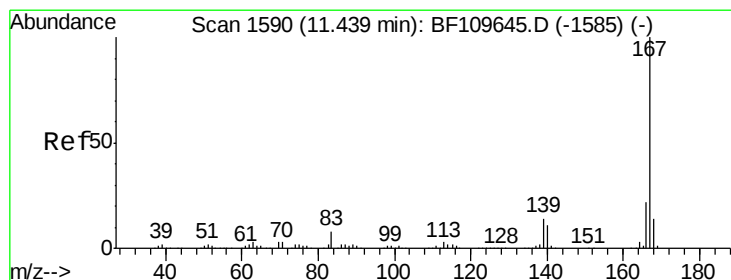
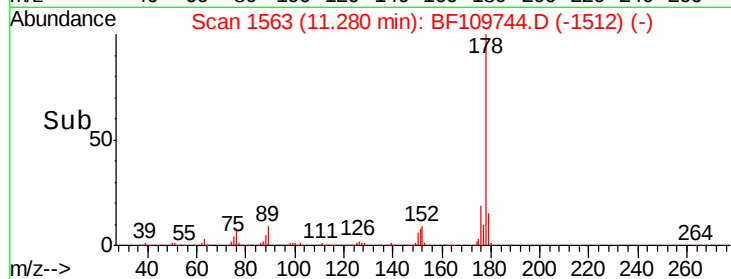
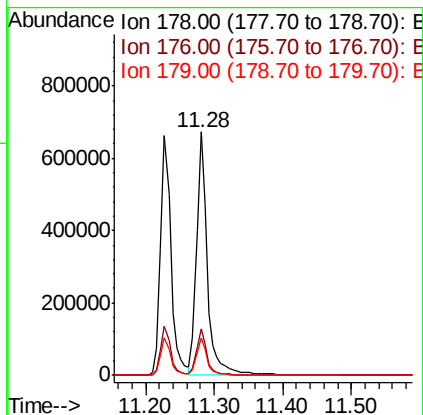
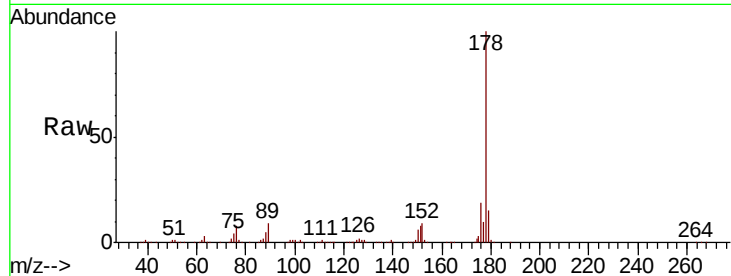




#71
 Anthracene
 Concen: 43.046 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: BF109744.D
 Acq: 10 Oct 2018 16:04

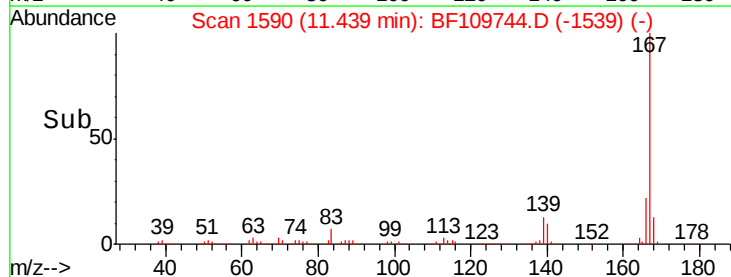
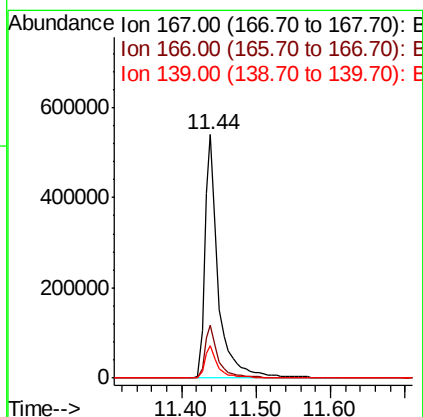
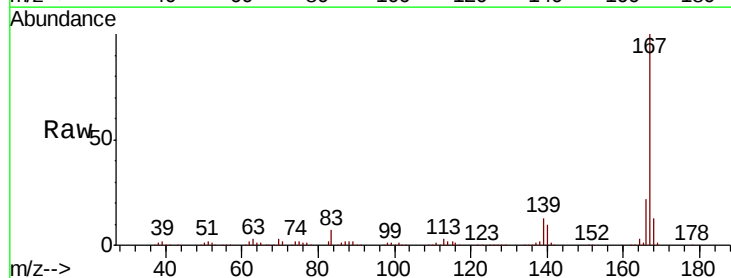
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 744948
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.3 12.6 18.8



#72
 Carbazole
 Concen: 40.239 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.00 min
 Lab File: BF109744.D
 Acq: 10 Oct 2018 16:04

Tgt Ion:167 Resp: 675393
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 13.4 10.9 16.3

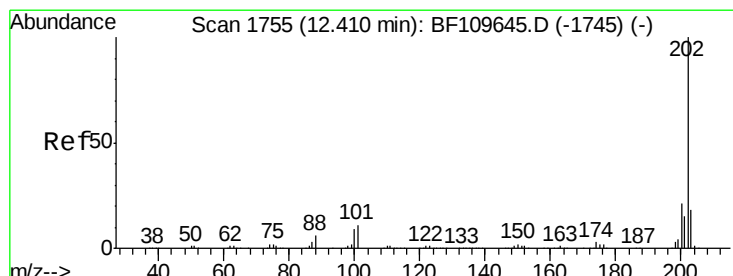
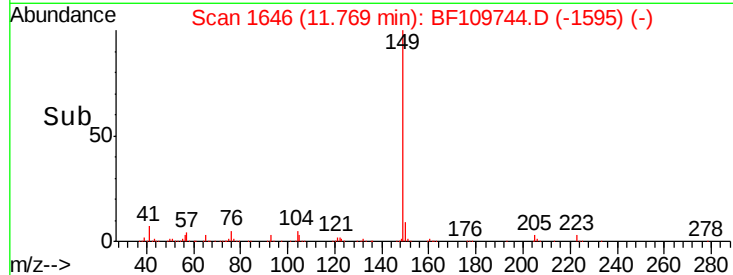
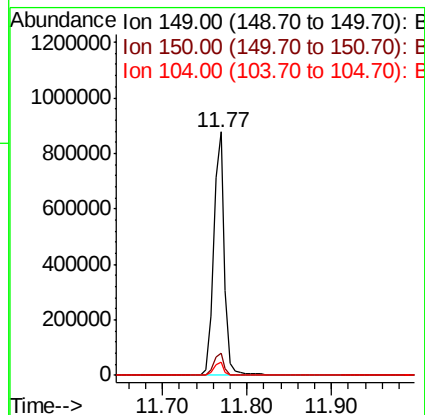
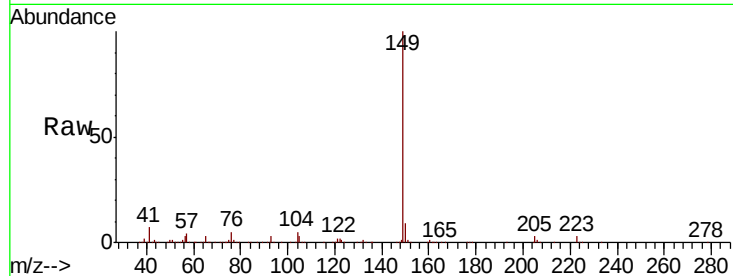




#73
Di-n-butylphthalate
Concen: 40.863 ng
RT: 11.77 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BF109744.D
Acq: 10 Oct 2018 16:04

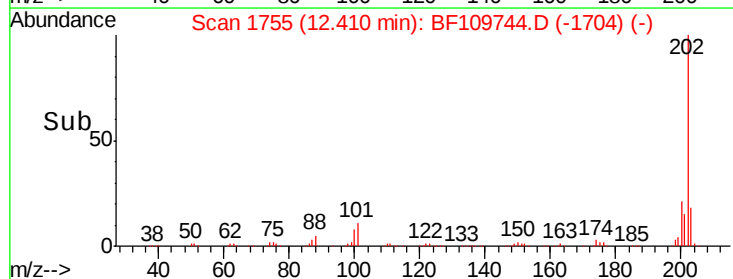
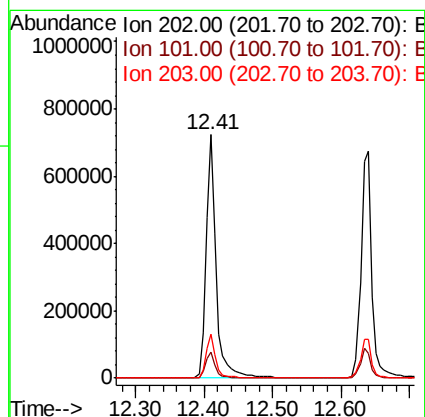
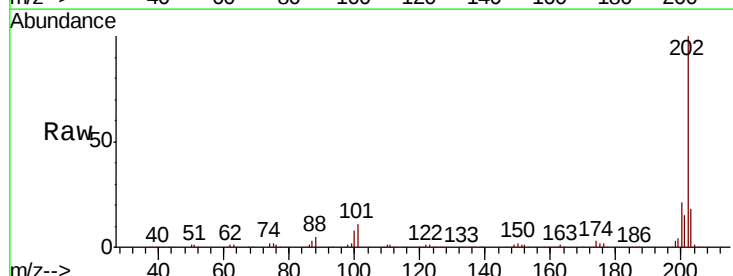
Instrument :
BNA_F
ClientSampleId :

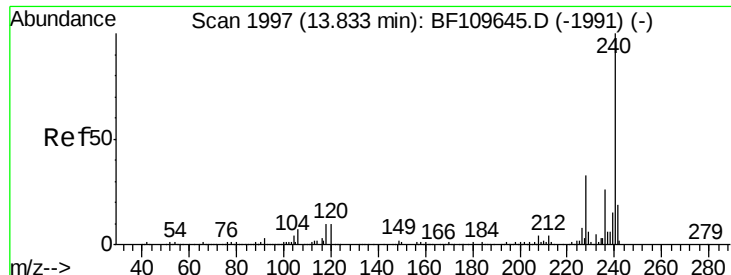
Tot Ion:149 Resp: 795504
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 5.2 4.2 6.4



#74
Fluoranthene
Concen: 43.095 ng
RT: 12.41 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BF109744.D
Acq: 10 Oct 2018 16:04

Tgt Ion:202 Resp: 753716
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.4
203 17.8 0.0 37.7





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF109744.D

Acq: 10 Oct 2018 16:04

Instrument :

BNA_F

ClientSampleId :

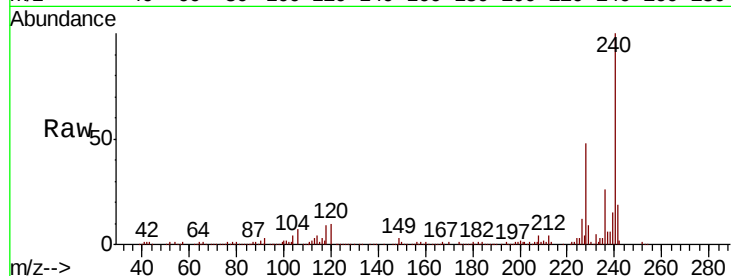
Tot Ion:240 Resp: 247038

Ion Ratio Lower Upper

240 100

120 10.0 8.3 12.5

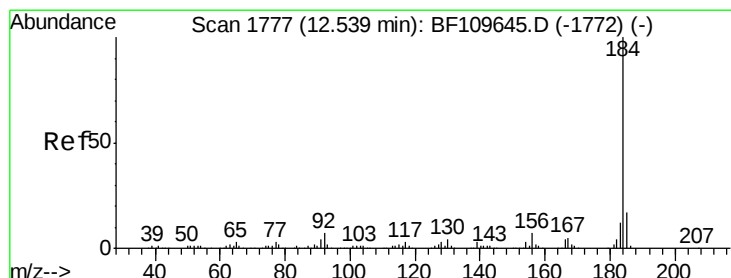
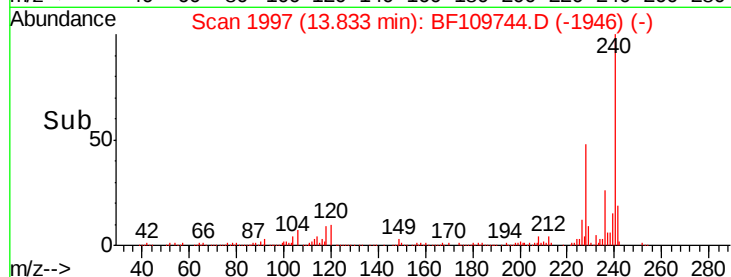
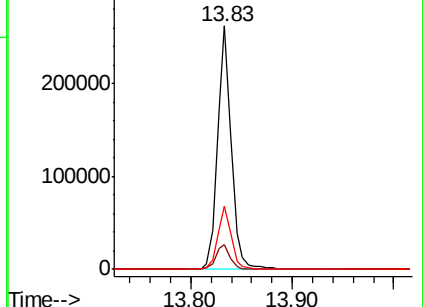
236 25.9 21.2 31.8



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



#76

Benzidine

Concen: 31.032 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF109744.D

Acq: 10 Oct 2018 16:04

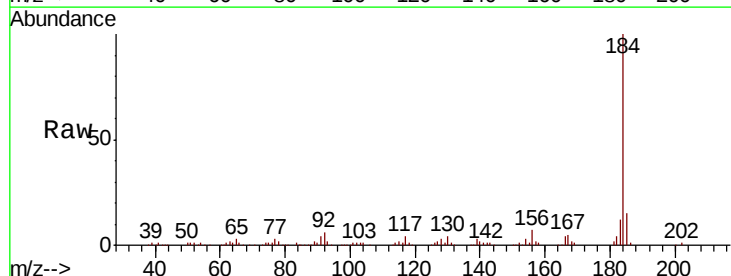
Tgt Ion:184 Resp: 284778

Ion Ratio Lower Upper

184 100

185 14.8 13.4 20.2

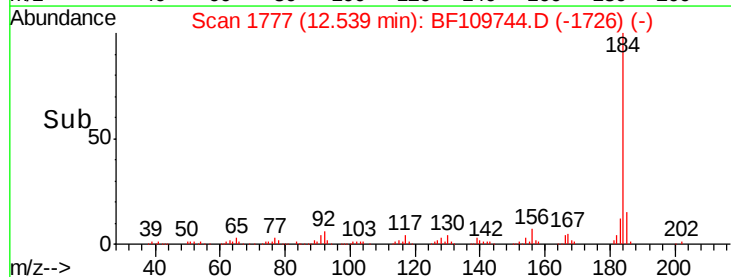
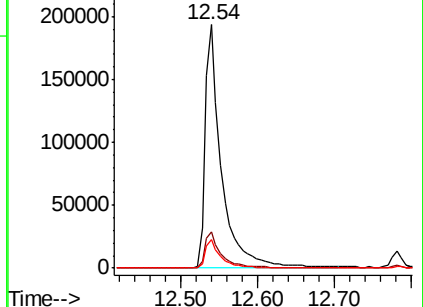
183 11.5 9.4 14.2

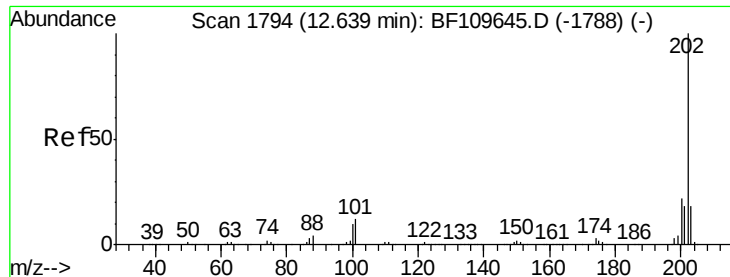


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

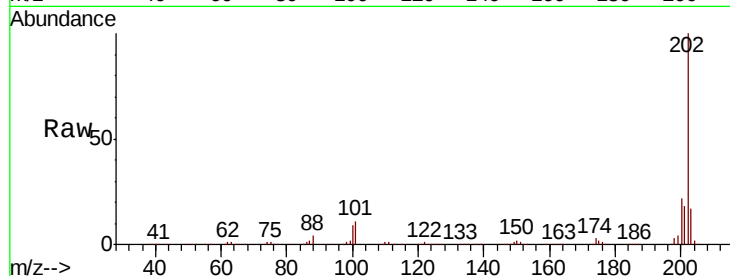




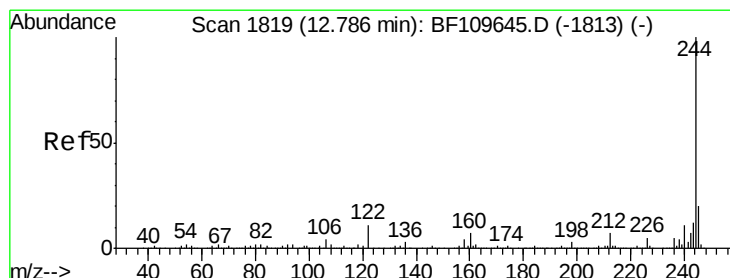
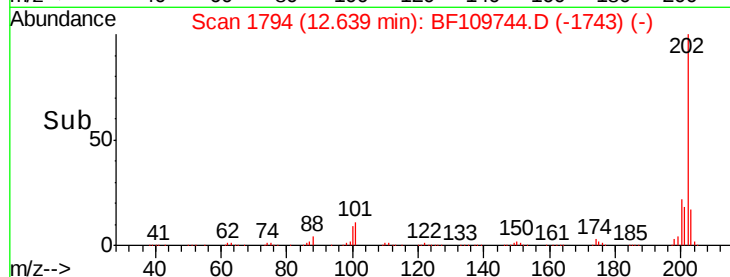
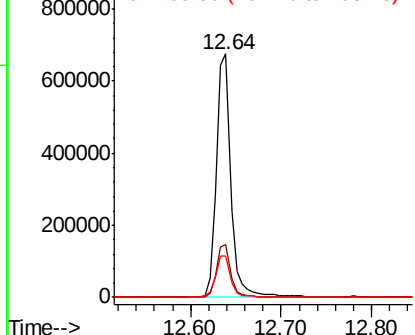
#77
Pvrene
Concen: 41.063 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BF109744.D
Acq: 10 Oct 2018 16:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 743224
Ion Ratio Lower Upper
202 100
200 21.5 17.8 26.6
203 17.2 14.2 21.4

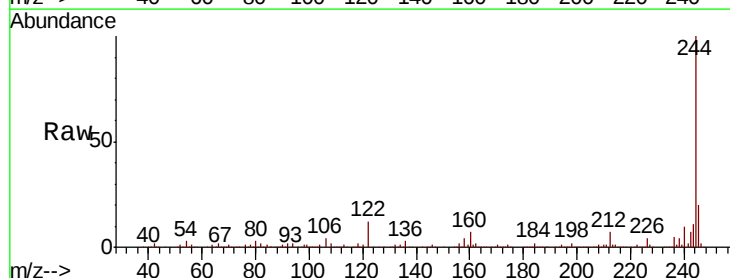


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

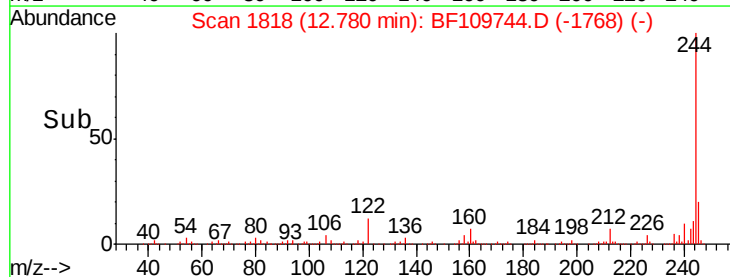
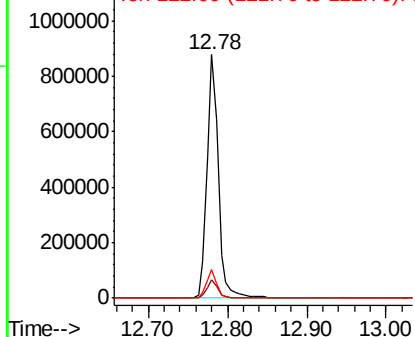


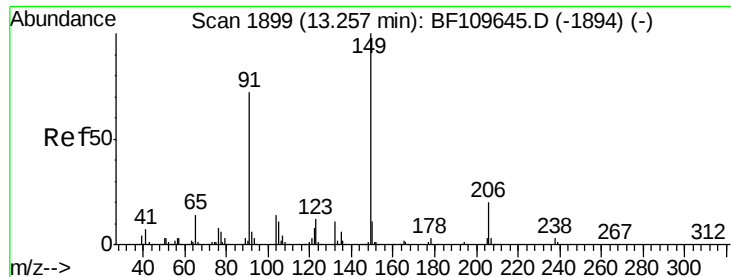
#78
Terphenyl-d14
Concen: 69.041 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109744.D
Acq: 10 Oct 2018 16:04

Tgt Ion:244 Resp: 881050
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 11.7 8.7 13.1



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

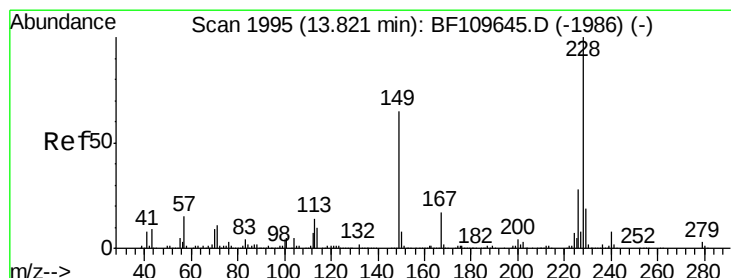
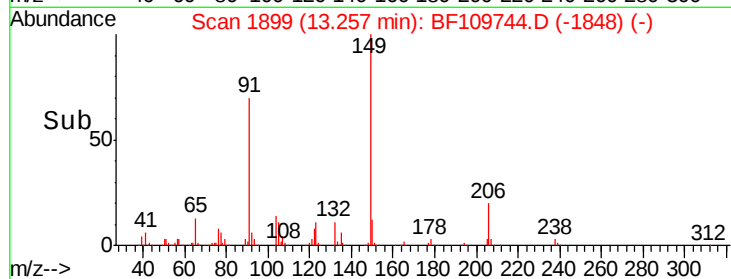
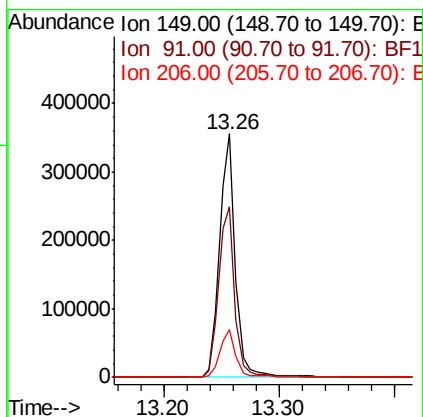
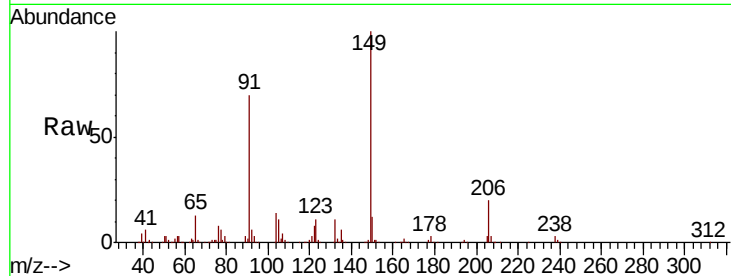




#79
Butylbenzylphthalate
Concen: 42.919 ng
RT: 13.26 min Scan# 1899
Delta R.T. 0.00 min
Lab File: BF109744.D
Acq: 10 Oct 2018 16:04

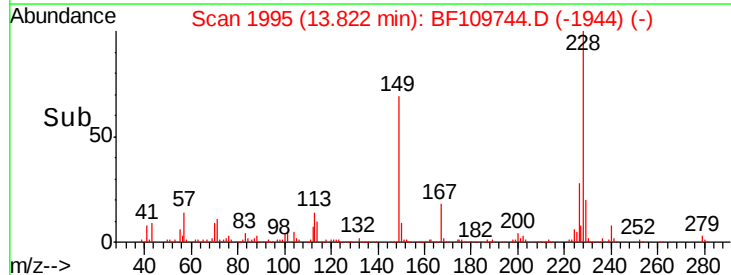
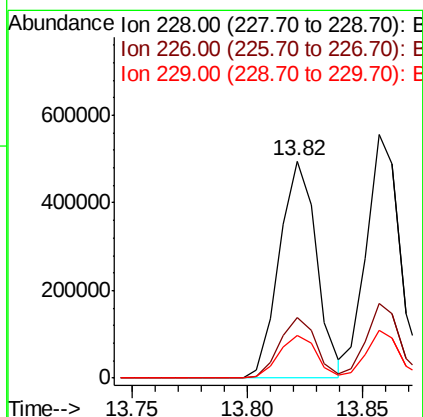
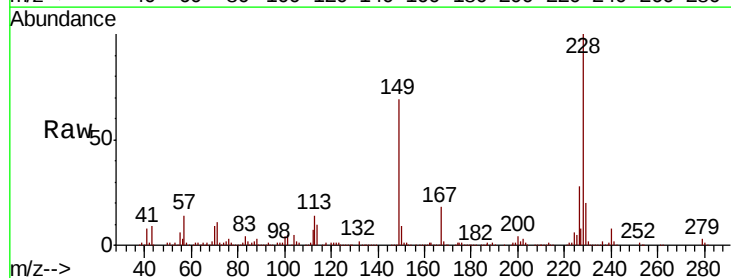
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.0	57.2	85.8
206	19.7	15.7	23.5



#80
Benzo(a)anthracene
Concen: 40.473 ng
RT: 13.82 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BF109744.D
Acq: 10 Oct 2018 16:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.1	33.1
229	19.8	15.6	23.4

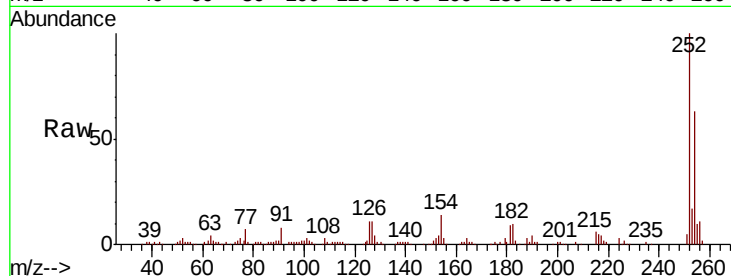




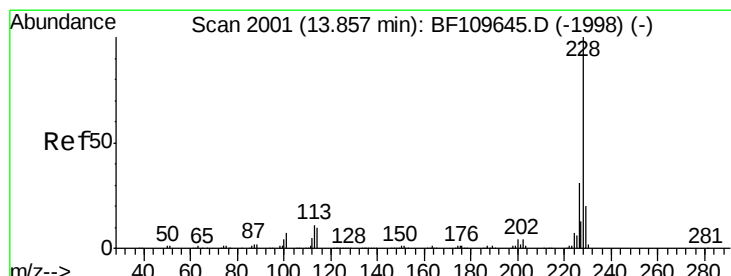
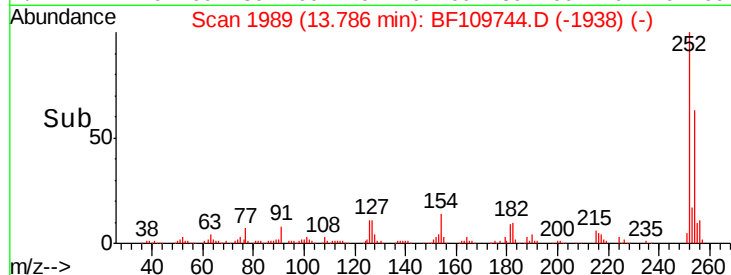
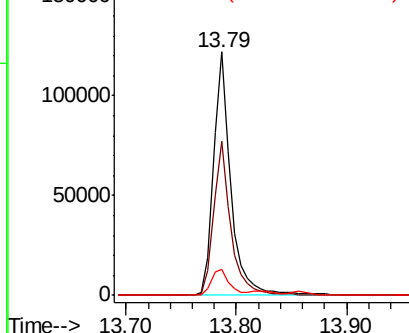
#81
 3,3'-Dichlorobenzidine
 Concen: 23.851 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: BF109744.D
 Acq: 10 Oct 2018 16:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 130923
 Ion Ratio Lower Upper
 252 100
 254 63.2 51.3 76.9
 126 10.7 9.4 14.2

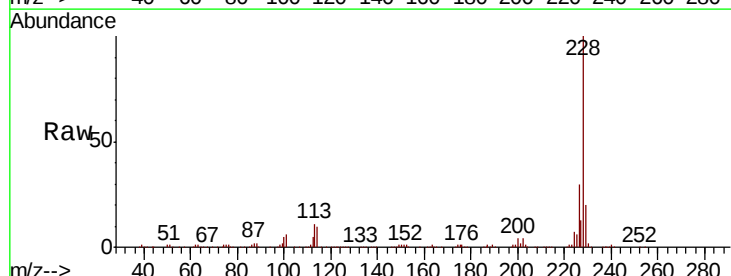


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

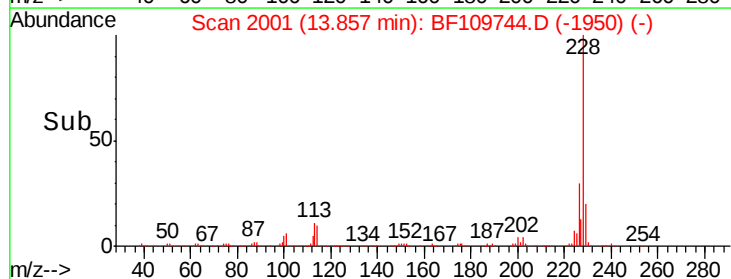
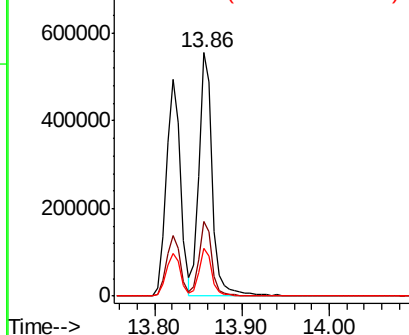


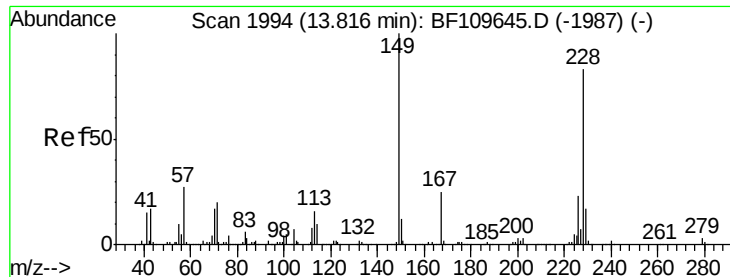
#82
 Chrysene
 Concen: 41.316 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF109744.D
 Acq: 10 Oct 2018 16:04

Tgt Ion:228 Resp: 591622
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.7 37.1
 229 19.6 15.9 23.9



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

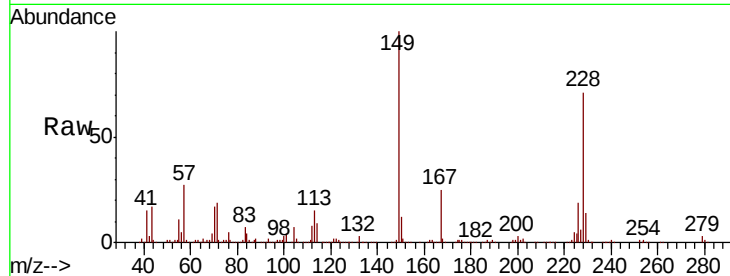




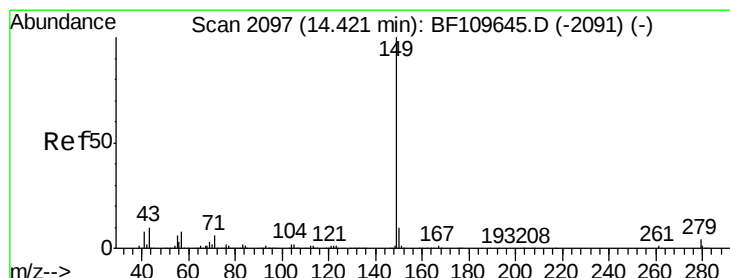
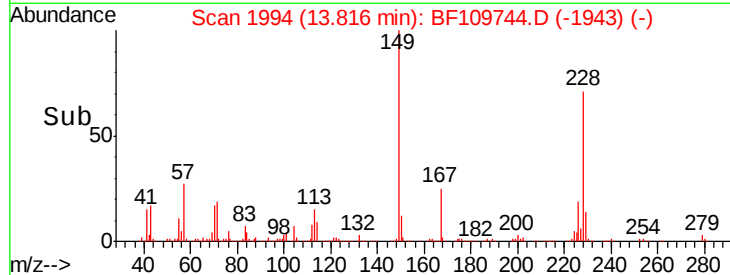
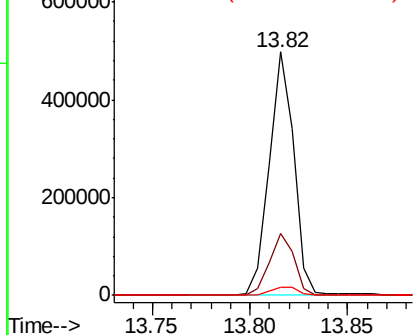
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.429 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. 0.00 min
 Lab File: BF109744.D
 Acq: 10 Oct 2018 16:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 434931
 Ion Ratio Lower Upper
 149 100
 167 25.4 19.8 29.8
 279 3.3 2.7 4.1

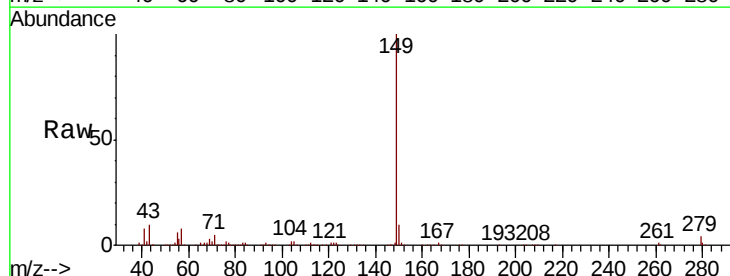


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

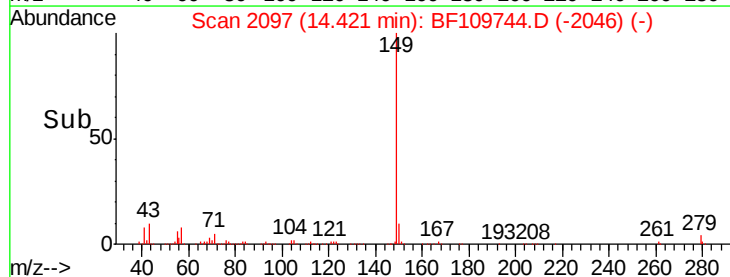
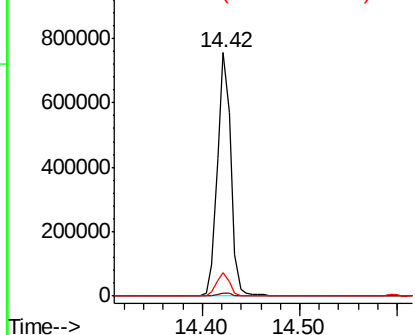


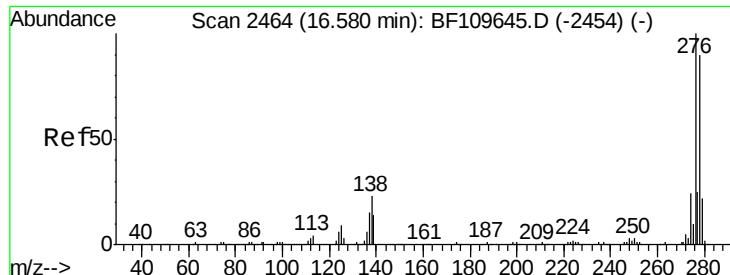
#84
 Di-n-octyl phthalate
 Concen: 47.800 ng
 RT: 14.42 min Scan# 2097
 Delta R.T. 0.00 min
 Lab File: BF109744.D
 Acq: 10 Oct 2018 16:04

Tgt Ion:149 Resp: 723347
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 9.5 7.8 11.8



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

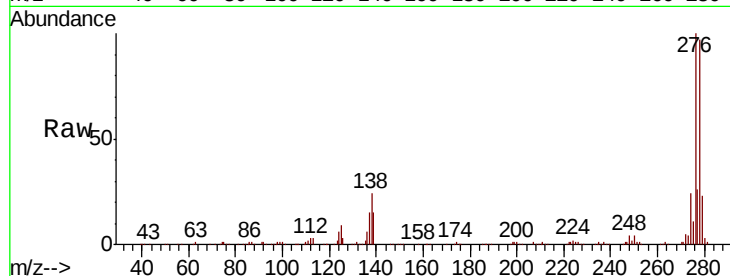




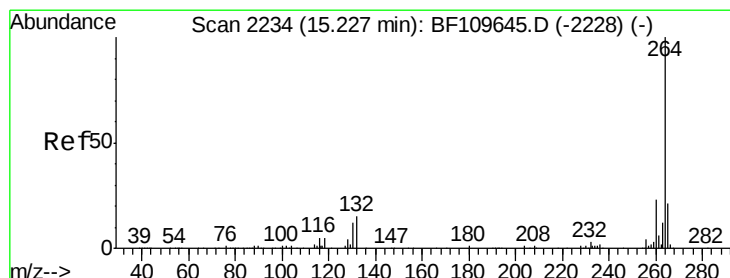
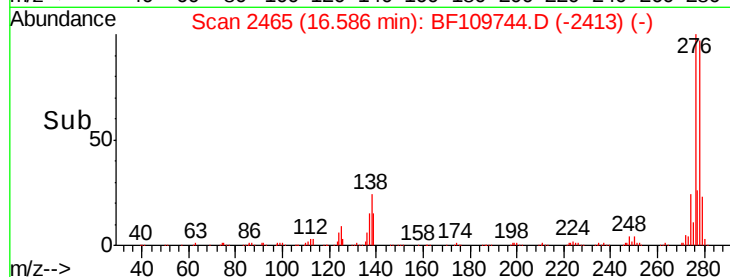
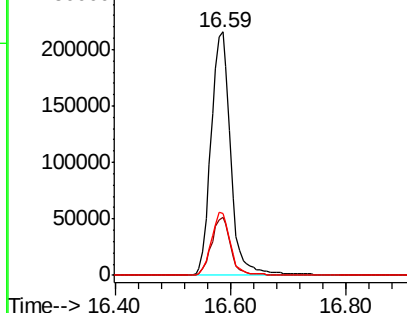
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.954 ng
 RT: 16.59 min Scan# 2465
 Delta R.T. 0.01 min
 Lab File: BF109744.D
 Acq: 10 Oct 2018 16:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:276 Resp: 511999
 Ion Ratio Lower Upper
 276 100
 138 23.3 18.5 27.7
 277 25.2 20.0 30.0

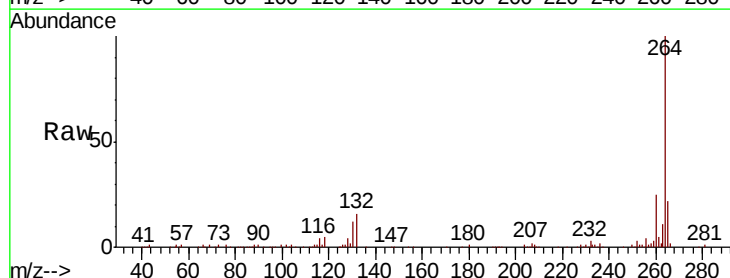


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

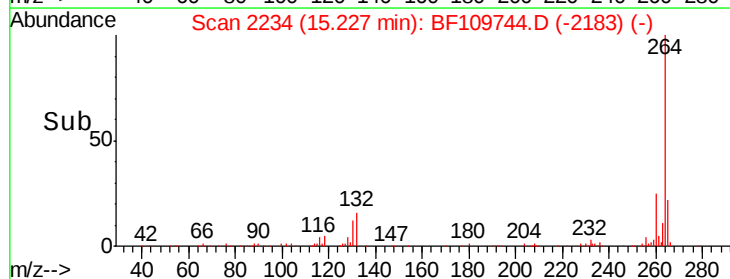
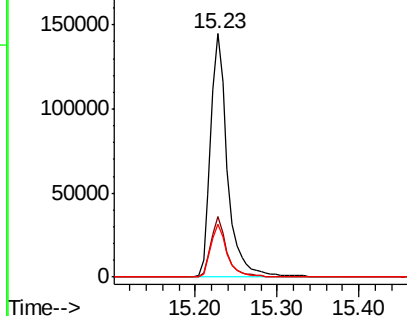


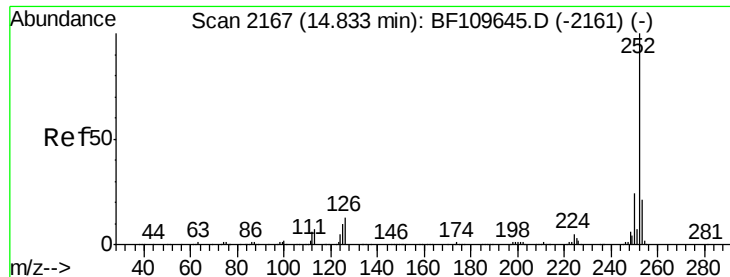
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. 0.00 min
 Lab File: BF109744.D
 Acq: 10 Oct 2018 16:04

Tgt Ion:264 Resp: 209248
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.7 28.1
 265 21.6 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

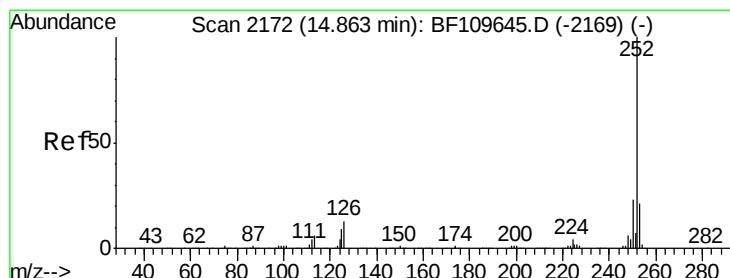
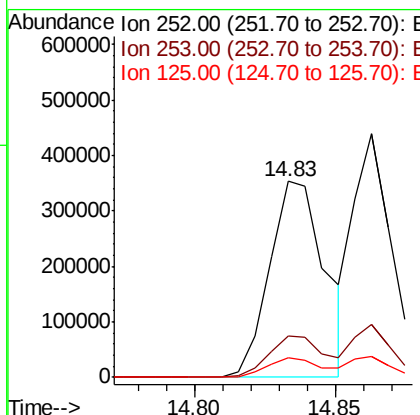
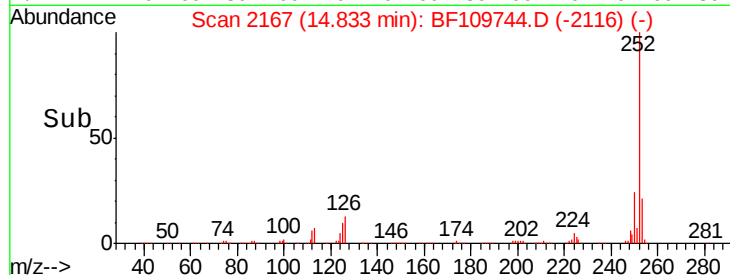
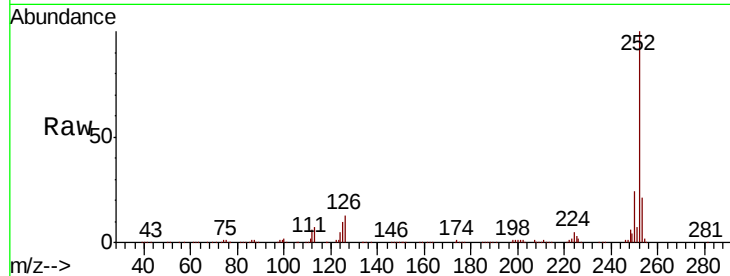




#87
Benzo(b)fluoranthene
Concen: 41.629 ng
RT: 14.83 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BF109744.D
Acq: 10 Oct 2018 16:04

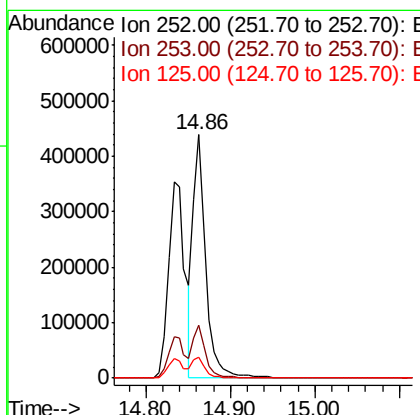
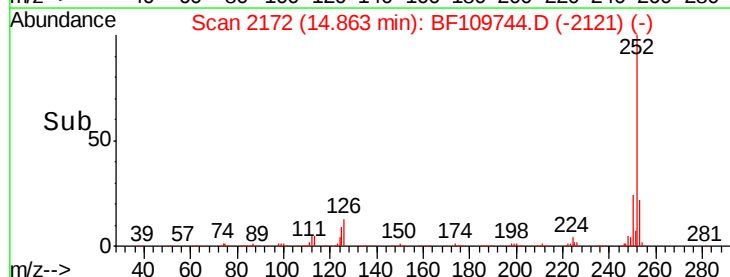
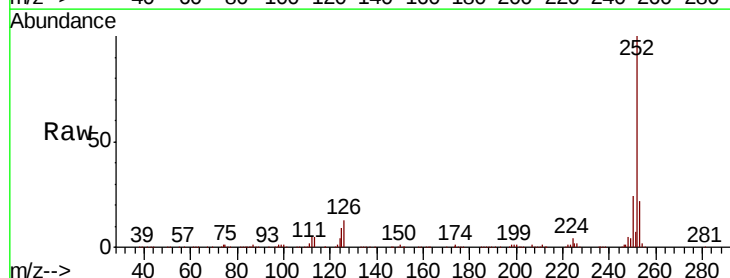
Instrument :
BNA_F
ClientSampled :

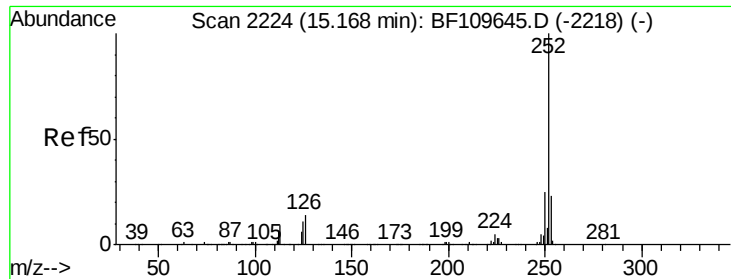
Tot Ion:252 Resp: 481372
Ion Ratio Lower Upper
252 100
253 21.3 17.2 25.8
125 10.0 8.2 12.4



#88
Benzo(k)fluoranthene
Concen: 38.875 ng
RT: 14.86 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BF109744.D
Acq: 10 Oct 2018 16:04

Tgt Ion:252 Resp: 451669
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 8.7 7.4 11.0

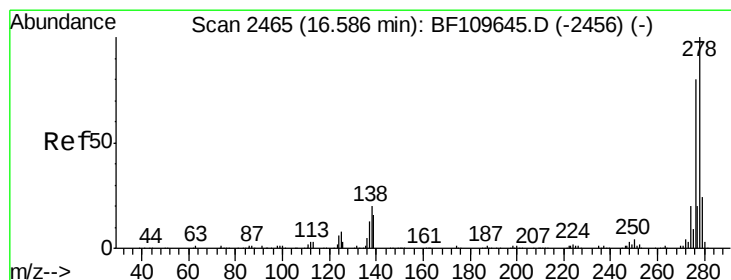
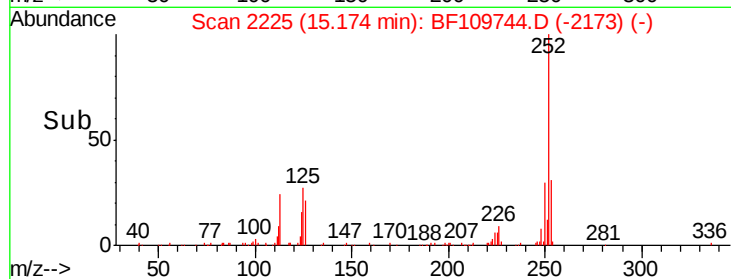
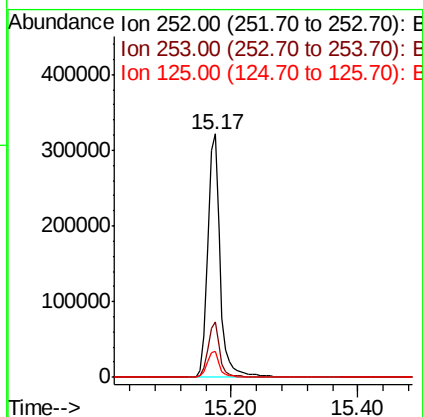
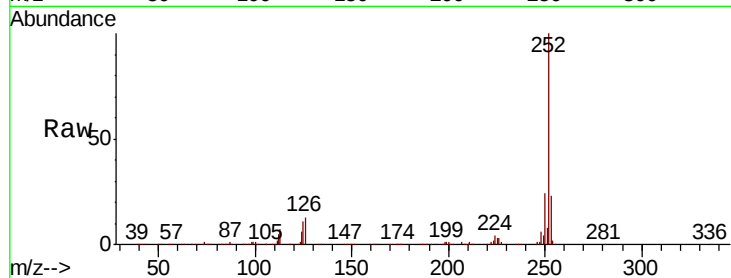




#89
Benzo(a)pyrene
Concen: 41.925 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF109744.D
Acq: 10 Oct 2018 16:04

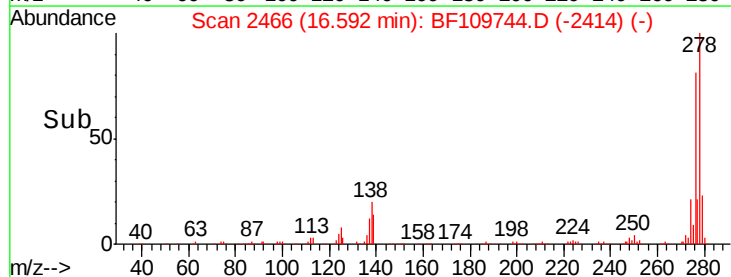
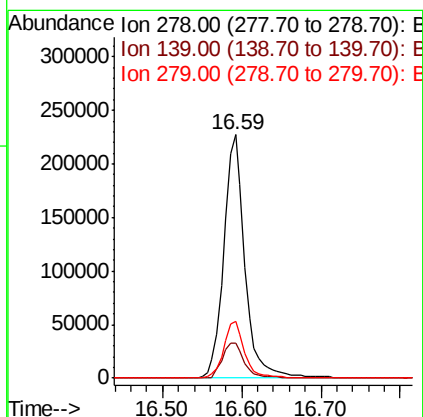
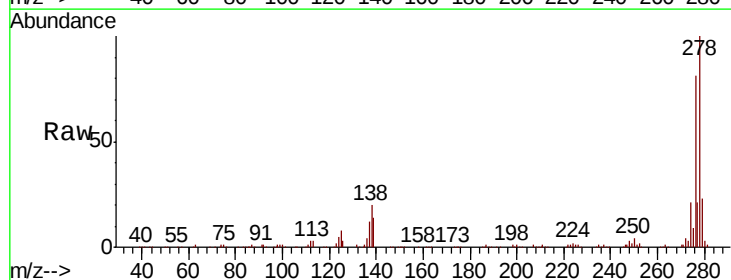
Instrument :
BNA_F
ClientSampleId :

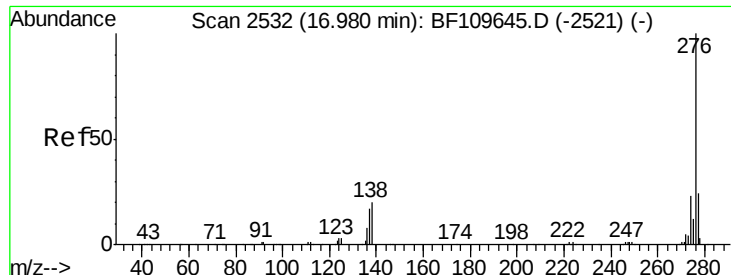
Tot Ion:252 Resp: 439937
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.4
125 10.6 9.0 13.6



#90
Dibenzo(a,h)anthracene
Concen: 48.660 ng
RT: 16.59 min Scan# 2466
Delta R.T. 0.01 min
Lab File: BF109744.D
Acq: 10 Oct 2018 16:04

Tgt Ion:278 Resp: 419353
Ion Ratio Lower Upper
278 100
139 14.4 12.7 19.1
279 23.4 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 52.124 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.01 min

Lab File: BF109744.D

Acq: 10 Oct 2018 16:04

Instrument :

BNA_F

ClientSampleId :

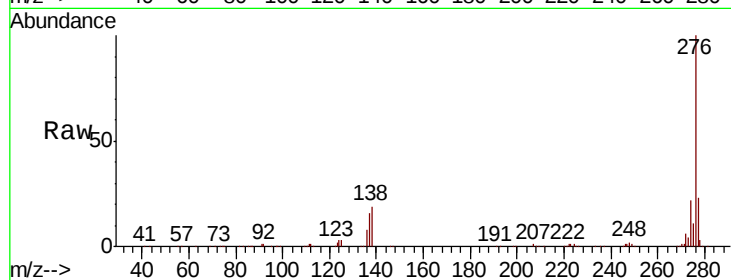
Tot Ion:276 Resp: 448573

Ion Ratio Lower Upper

276 100

277 23.2 18.8 28.2

138 19.3 16.0 24.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

