

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
 Data File : BF109738.D
 Acq On : 10 Oct 2018 13:07
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 13:49:08 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	105577	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	443318	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	209247	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	400483	20.00	ng	0.00
75) Chrysene-d12	13.83	240	268945	20.00	ng	0.00
86) Perylene-d12	15.23	264	227720	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	465646	78.29	ng	-0.01
7) Phenol-d6	6.35	99	632626	79.62	ng	0.00
23) Nitrobenzene-d5	7.27	82	649273	80.73	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	181285	79.51	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1177515	77.50	ng	0.00
78) Terphenyl-d14	12.79	244	1105531	79.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	125112	40.079	ng	99
3) Pyridine	3.08	79	239872	37.246	ng	99
4) n-Nitrosodimethylamine	3.03	42	95209	40.958	ng	100
6) Aniline	6.36	93	376876	40.717	ng	94
8) 2-Chlorophenol	6.49	128	294564	40.268	ng	96
9) Benzaldehyde	6.25	77	206423	40.372	ng	99
10) Phenol	6.36	94	339020	37.209	ng	96
11) bis(2-Chloroethyl)ether	6.44	93	326457	43.219	ng	98
12) 1,3-Dichlorobenzene	6.64	146	328058	39.210	ng	100
13) 1,4-Dichlorobenzene	6.72	146	362703	39.769	ng	99
14) 1,2-Dichlorobenzene	6.87	146	323261	40.360	ng	99
15) Benzyl Alcohol	6.85	79	232281	39.433	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	384784	38.417	ng	91
17) 2-Methylphenol	6.97	107	228057	39.424	ng	95
18) Hexachloroethane	7.20	117	127728	39.622	ng	92
19) n-Nitroso-di-n-propylamine	7.12	70	213666	38.345	ng	100
20) 3+4-Methylphenols	7.12	107	274195	38.467	ng	# 84
22) Acetophenone	7.12	105	431493	40.250	ng	# 95
24) Nitrobenzene	7.29	77	337197	40.294	ng	99
25) Isophorone	7.52	82	514766	38.546	ng	99
26) 2-Nitrophenol	7.60	139	155970	39.846	ng	98
27) 2,4-Dimethylphenol	7.65	122	217365	38.455	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	351583	38.921	ng	98
29) 2,4-Dichlorophenol	7.85	162	254041	40.068	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	279769	39.861	ng	98
31) Naphthalene	8.00	128	791009	38.582	ng	100
32) Benzoic acid	7.80	122	153163	37.899	ng	98
33) 4-Chloroaniline	8.06	127	362969	40.202	ng	98
34) Hexachlorobutadiene	8.12	225	172405	39.507	ng	99
35) Caprolactam	8.44	113	74664	39.432	ng	91
36) 4-Chloro-3-methylphenol	8.55	107	268141	40.065	ng	99
37) 2-Methylnaphthalene	8.69	142	521014	38.796	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	286009	40.154	ng	99
40) Hexachlorocyclopentadiene	8.85	237	98936	36.069	ng	100

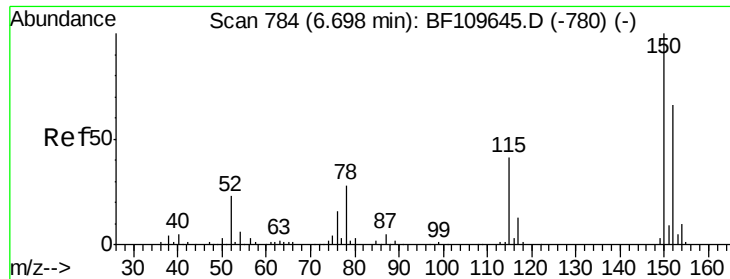
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
 Data File : BF109738.D
 Acq On : 10 Oct 2018 13:07
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	164612	38.660	ng	98
43) 2,4,5-Trichlorophenol	9.02	196	200553	40.964	ng	99
45) 1,1'-Biphenyl	9.16	154	732836	39.204	ng	99
46) 2-Chloronaphthalene	9.18	162	545398	38.944	ng	99
47) 2-Nitroaniline	9.28	65	171471	40.436	ng	98
48) Acenaphthylene	9.59	152	793448	38.862	ng	100
49) Dimethylphthalate	9.46	163	595042	38.774	ng	99
50) 2,6-Dinitrotoluene	9.52	165	132218	39.746	ng	96
51) Acenaphthene	9.76	154	451990	37.345	ng	99
52) 3-Nitroaniline	9.69	138	148366	39.788	ng	98
53) 2,4-Dinitrophenol	9.80	184	37174	34.636	ng	# 85
54) Dibenzofuran	9.93	168	701399	38.661	ng	99
55) 4-Nitrophenol	9.87	139	69746	34.171	ng	96
56) 2,4-Dinitrotoluene	9.93	165	165987	39.983	ng	93
57) Fluorene	10.27	166	519236	38.324	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	162795	40.906	ng	97
59) Diethylphthalate	10.15	149	589793	38.789	ng	98
60) 4-Chlorophenyl-phenylether	10.27	204	283574	39.674	ng	97
61) 4-Nitroaniline	10.31	138	143821	41.647	ng	99
62) Azobenzene	10.43	77	612956	39.697	ng	100
64) 4,6-Dinitro-2-methylphenol	10.34	198	66552	34.142	ng	95
65) n-Nitrosodiphenylamine	10.39	169	520165	38.314	ng	99
66) 4-Bromophenyl-phenylether	10.76	248	176512	38.359	ng	99
67) Hexachlorobenzene	10.83	284	190556	38.242	ng	99
68) Atrazine	10.92	200	160757	37.942	ng	98
69) Pentachlorophenol	11.02	266	107149	38.215	ng	98
70) Phenanthrene	11.23	178	756898	37.766	ng	99
71) Anthracene	11.28	178	814399	39.310	ng	99
72) Carbazole	11.44	167	784077	39.021	ng	99
73) Di-n-butylphthalate	11.77	149	886856	38.054	ng	100
74) Fluoranthene	12.41	202	792448	37.849	ng	100
76) Benzidine	12.54	184	386409	38.677	ng	98
77) Pyrene	12.64	202	801582	40.680	ng	99
79) Butylbenzylphthalate	13.26	149	341080	39.925	ng	99
80) Benzo(a)anthracene	13.82	228	552384	37.219	ng	99
81) 3,3'-Dichlorobenzidine	13.79	252	232666	38.933	ng	99
82) Chrysene	13.86	228	609558	39.101	ng	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	403889	38.750	ng	99
84) Di-n-octyl phthalate	14.42	149	631730	38.345	ng	100
85) Indeno(1,2,3-cd)pyrene	16.58	276	481790	43.178	ng	100
87) Benzo(b)fluoranthene	14.83	252	479144	38.075	ng	98
88) Benzo(k)fluoranthene	14.86	252	463724	36.675	ng	99
89) Benzo(a)pyrene	15.17	252	439628	38.497	ng	97
90) Dibenzo(a,h)anthracene	16.59	278	403253	42.996	ng	98
91) Benzo(g,h,i)perylene	16.98	276	403222	43.053	ng	99

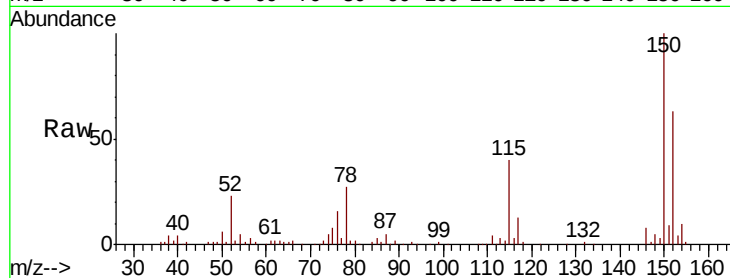
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF109738.D
 Acq: 10 Oct 2018 13:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	122.7	184.1
115	63.5	49.1	73.7

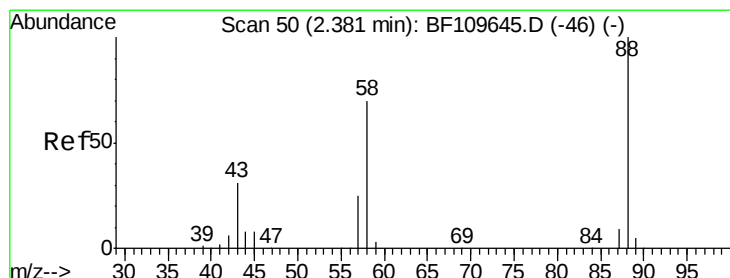
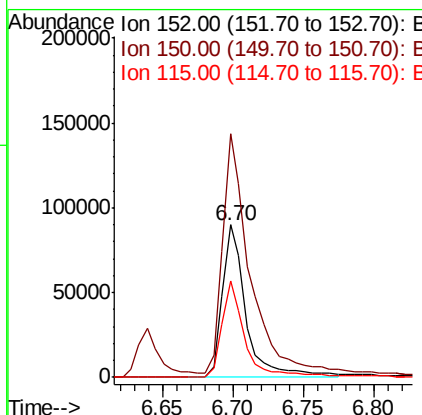
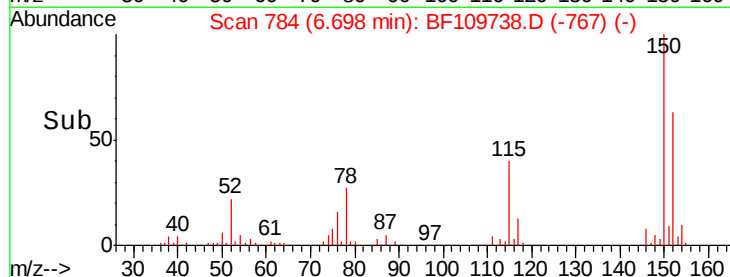


Abundance

Ion 152.00 (151.70 to 152.70): E

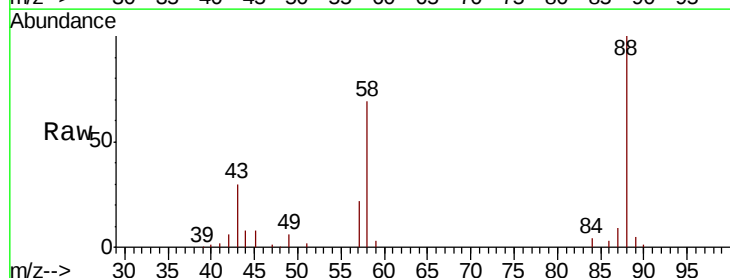
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 40.079 ng
 RT: 2.37 min Scan# 49
 Delta R.T. -0.01 min
 Lab File: BF109738.D
 Acq: 10 Oct 2018 13:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.9	57.1	85.7
43	30.8	24.1	36.1

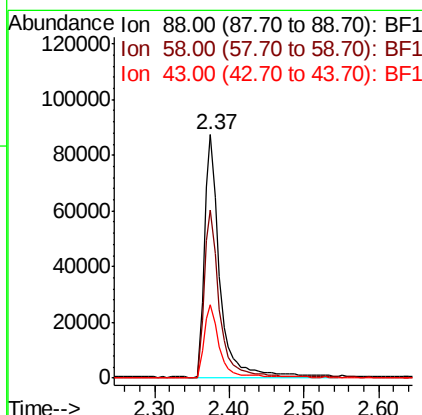
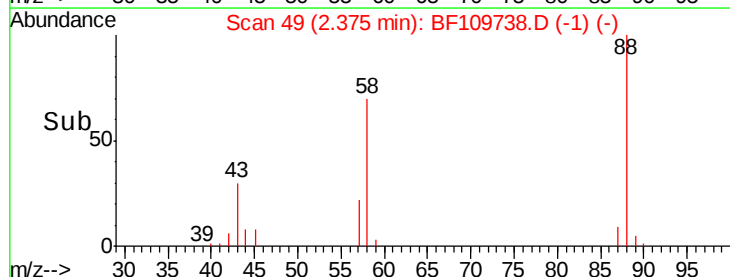


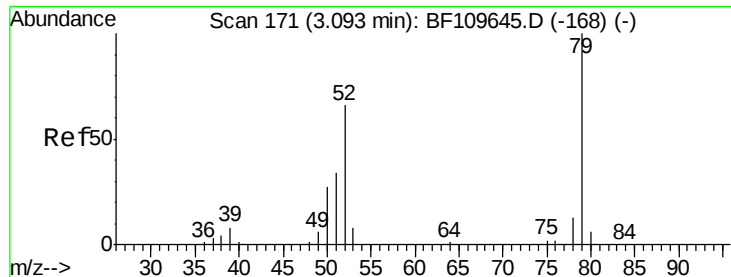
Abundance

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

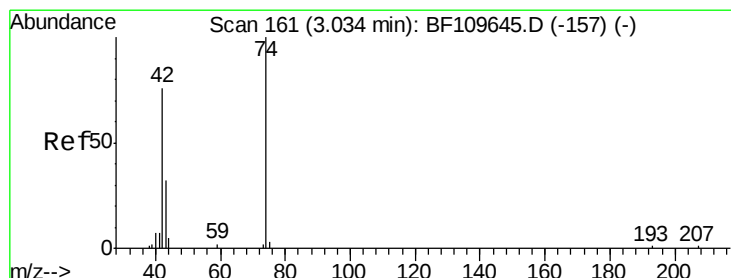
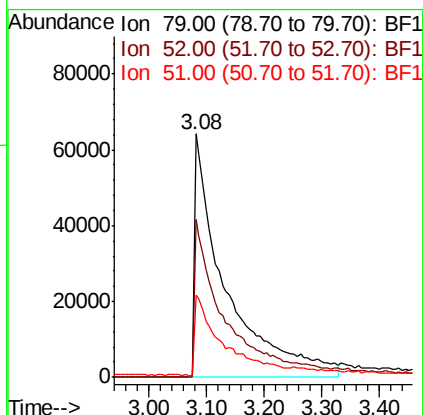
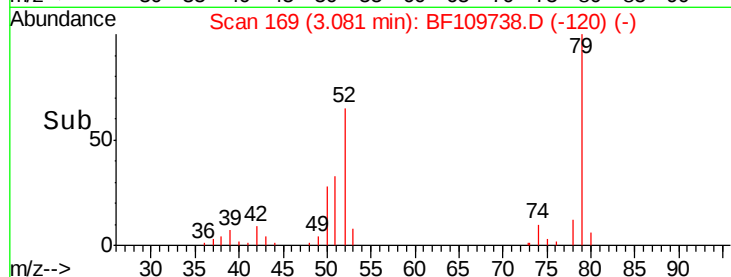
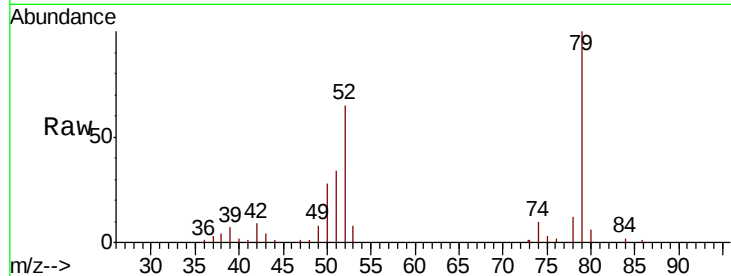




#3
 Pvridine
 Concen: 37.246 ng
 RT: 3.08 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: BF109738.D
 Acq: 10 Oct 2018 13:07

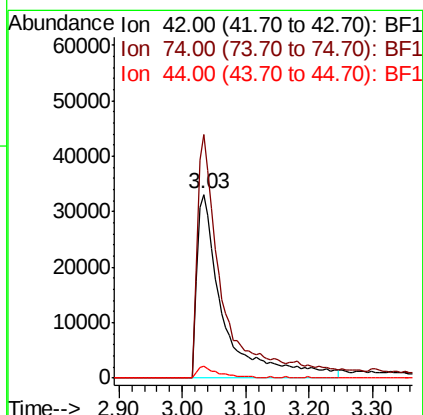
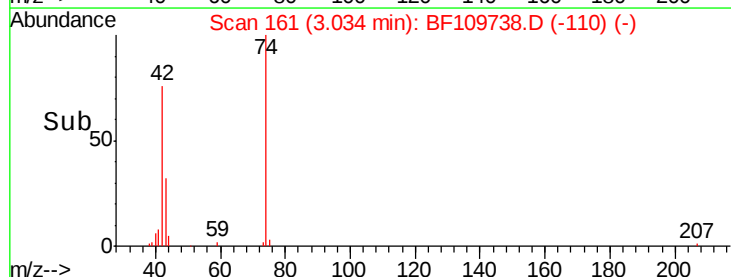
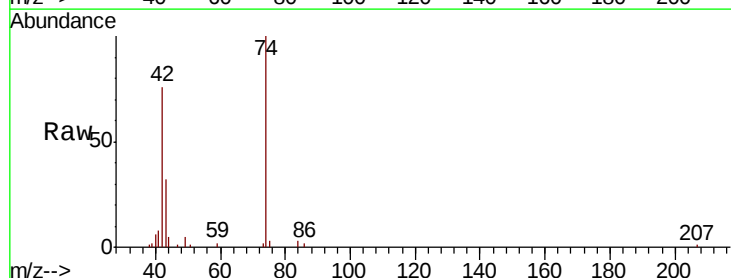
Instrument :
 BNA_F
 ClientSampleId :

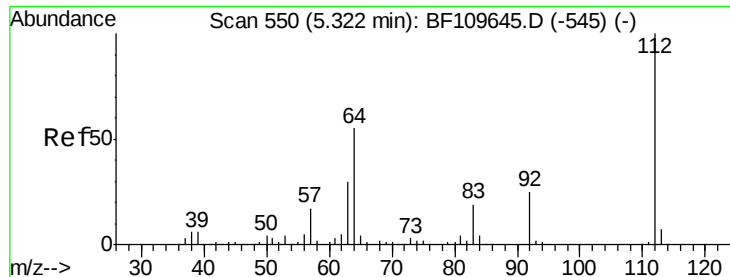
Tot Ion: 79 Resp: 239872
 Ion Ratio Lower Upper
 79 100
 52 64.8 53.1 79.7
 51 34.0 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 40.958 ng
 RT: 3.03 min Scan# 161
 Delta R.T. -0.00 min
 Lab File: BF109738.D
 Acq: 10 Oct 2018 13:07

Tgt Ion: 42 Resp: 95209
 Ion Ratio Lower Upper
 42 100
 74 132.4 105.5 158.3
 44 6.4 4.9 7.3





#5

2-Fluorophenol

Concen: 78.288 ng

RT: 5.31 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF109738.D

Acq: 10 Oct 2018 13:07

Instrument :

BNA_F

ClientSampleId :

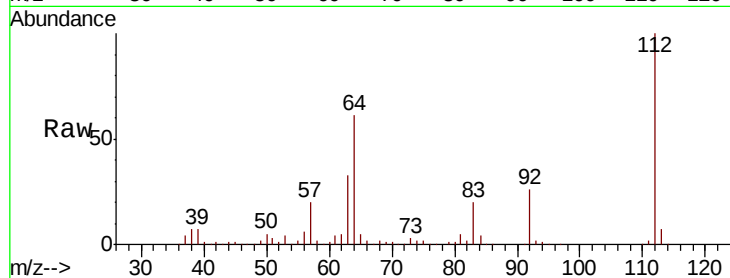
Tot Ion:112 Resp: 465646

Ion Ratio Lower Upper

112 100

64 61.1 44.1 66.1

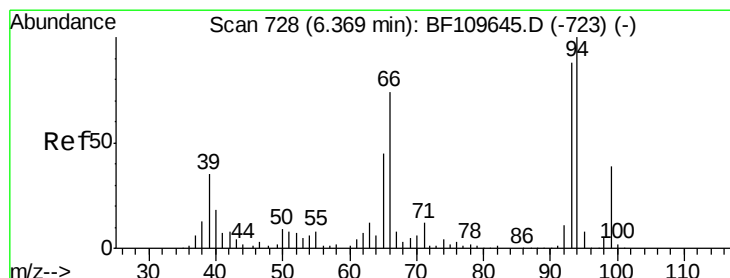
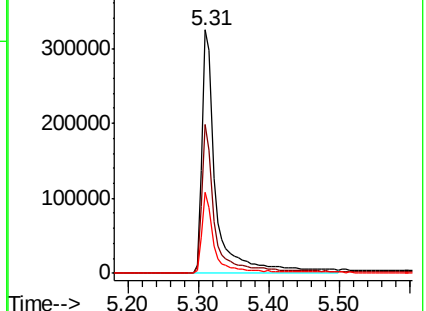
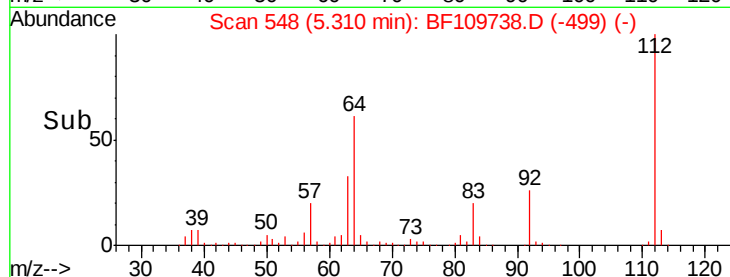
63 33.1 23.7 35.5



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: 40.717 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109738.D

Acq: 10 Oct 2018 13:07

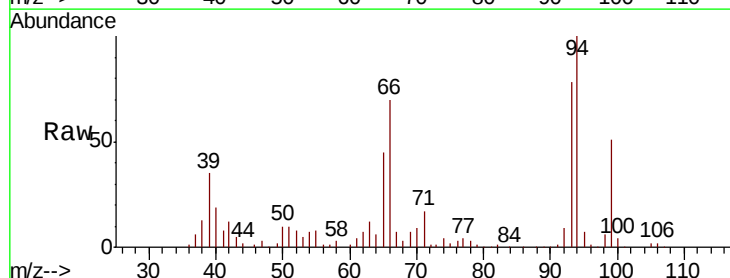
Tgt Ion: 93 Resp: 376876

Ion Ratio Lower Upper

93 100

66 89.2 67.4 101.0

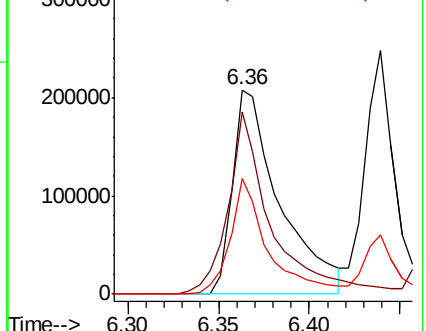
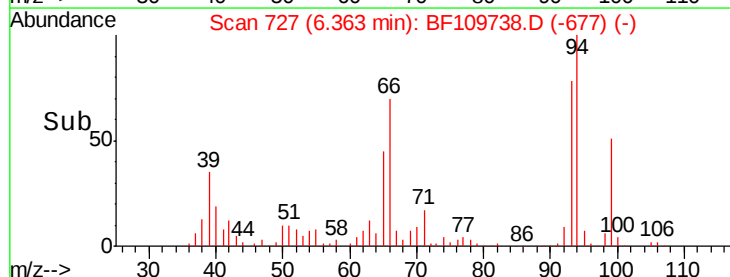
65 56.8 41.0 61.4

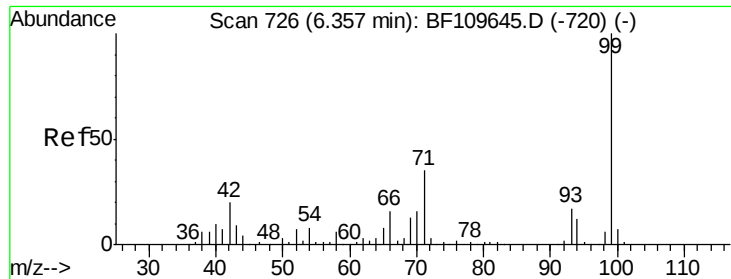


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.618 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109738.D

Acq: 10 Oct 2018 13:07

Instrument :

BNA_F

ClientSampled :

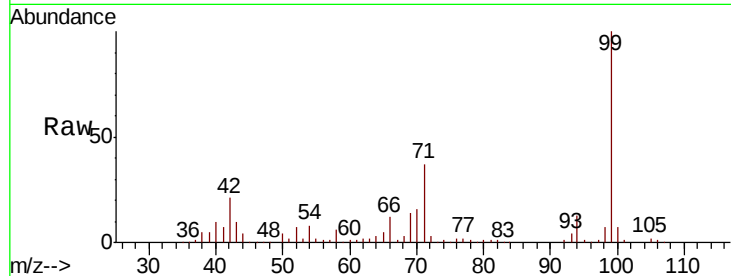
Tot Ion: 99 Resp: 632626

Ion Ratio Lower Upper

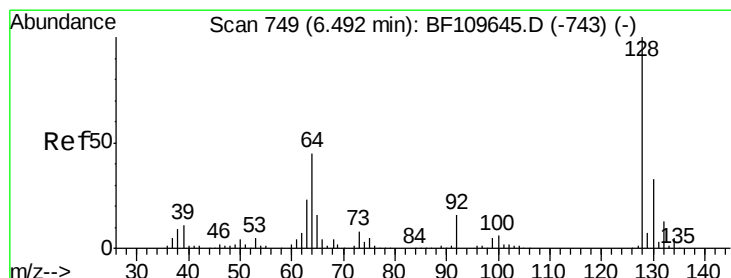
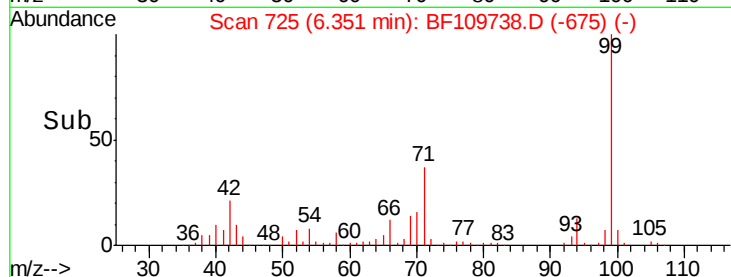
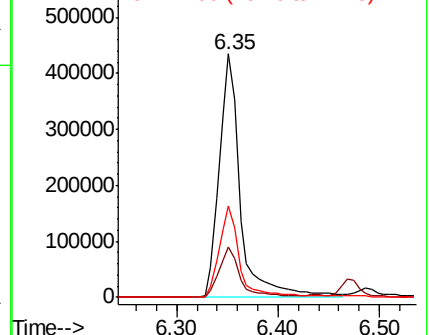
99 100

42 20.6 15.8 23.6

71 37.5 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: 40.268 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF109738.D

Acq: 10 Oct 2018 13:07

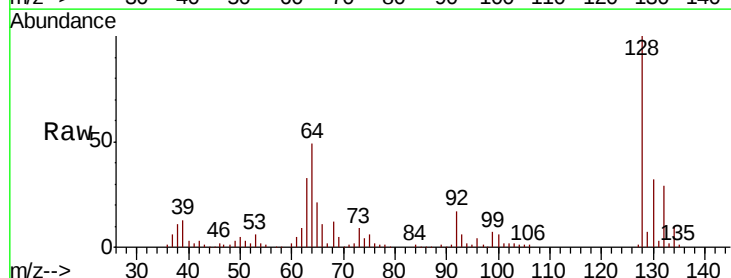
Tgt Ion: 128 Resp: 294564

Ion Ratio Lower Upper

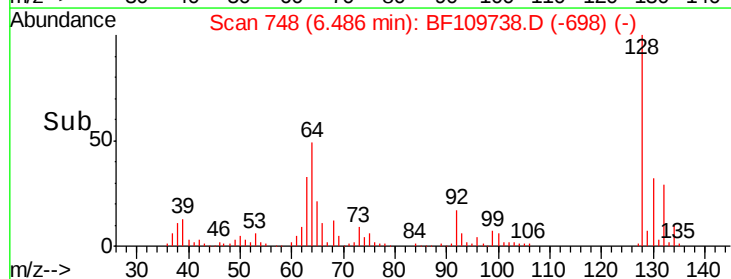
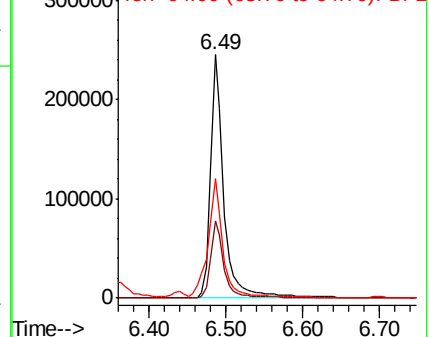
128 100

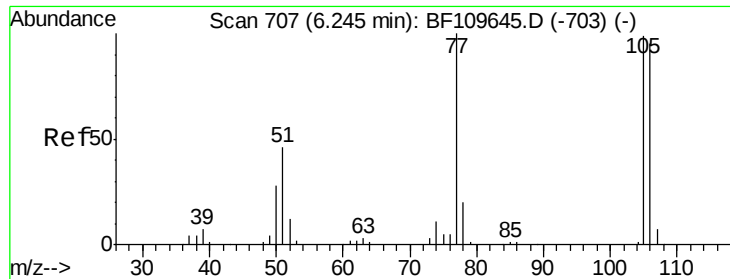
130 31.6 13.1 53.1

64 48.9 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: 40.372 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF109738.D

Acq: 10 Oct 2018 13:07

Instrument :

BNA_F

ClientSampleId :

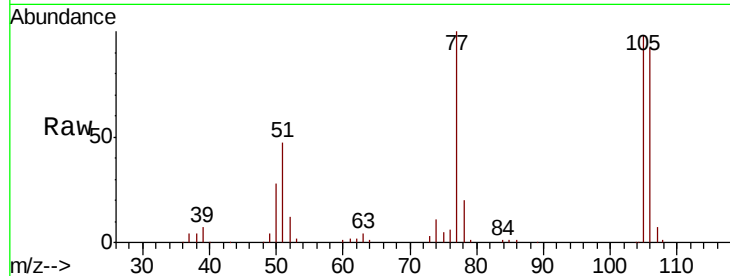
Tot Ion: 77 Resp: 206423

Ion Ratio Lower Upper

77 100

105 98.2 78.6 118.6

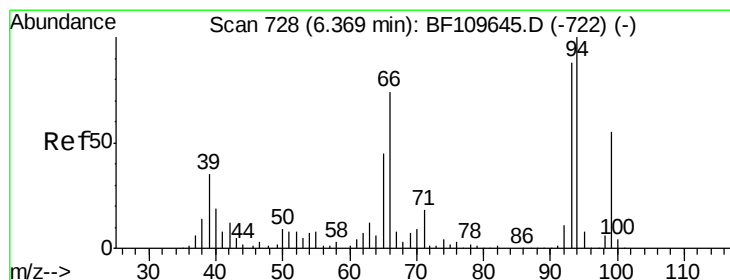
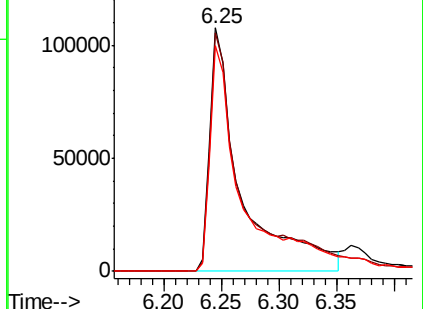
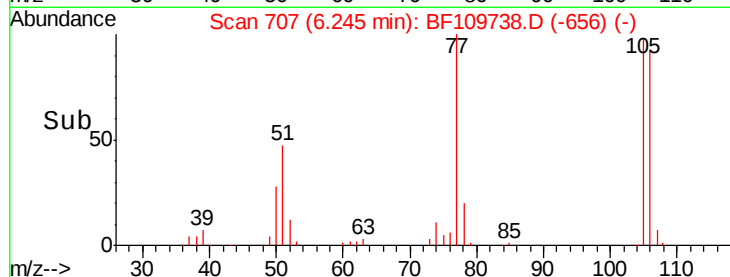
106 92.4 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.209 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109738.D

Acq: 10 Oct 2018 13:07

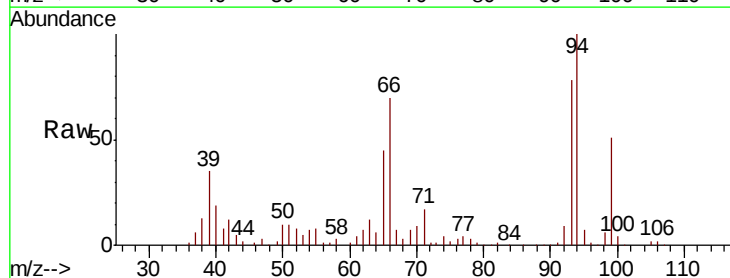
Tgt Ion: 94 Resp: 339020

Ion Ratio Lower Upper

94 100

65 44.5 25.3 65.3

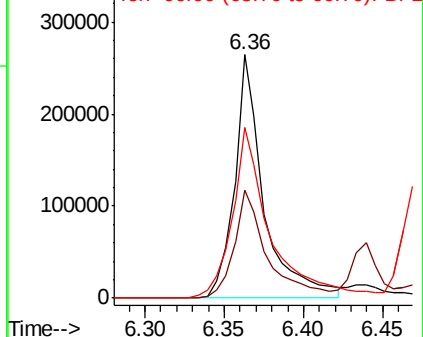
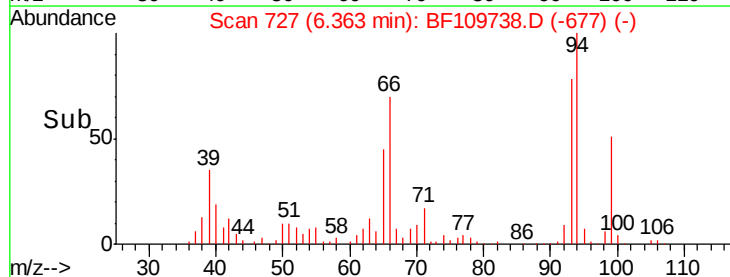
66 70.0 54.5 94.5



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

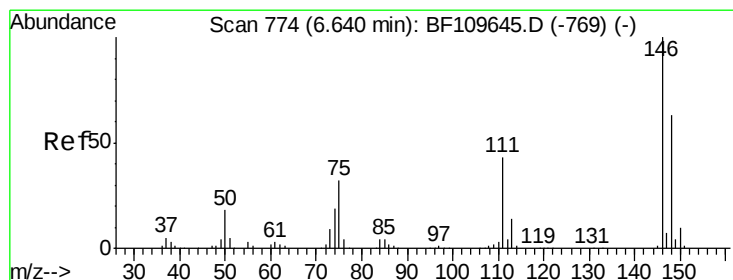
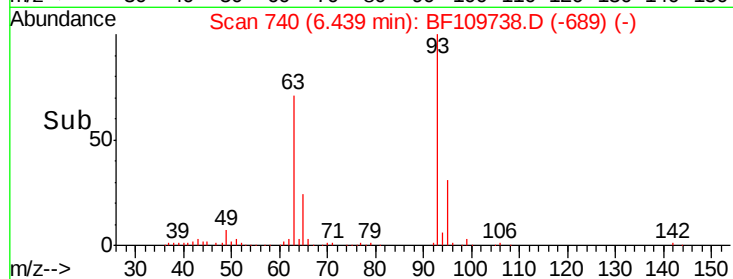
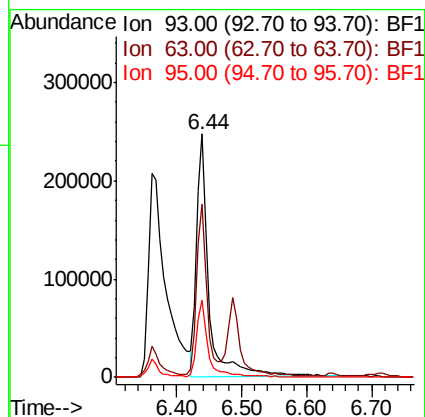
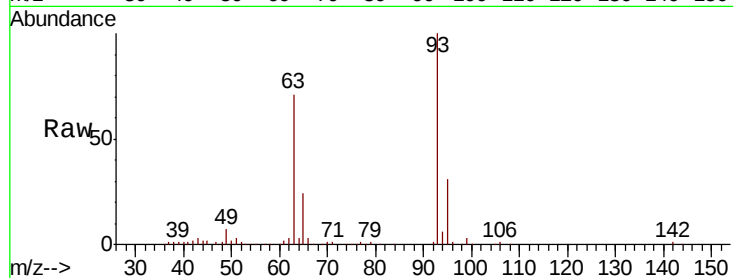




#11
bis(2-Chloroethyl)ether
Concen: 43.219 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF109738.D
Acq: 10 Oct 2018 13:07

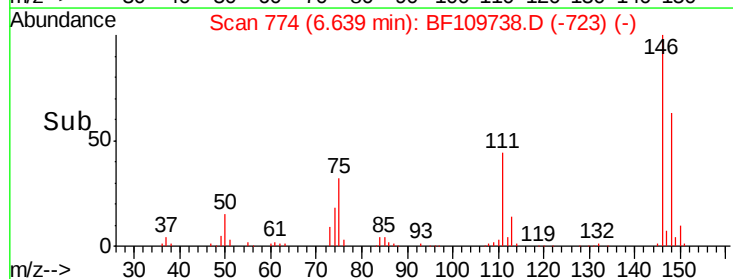
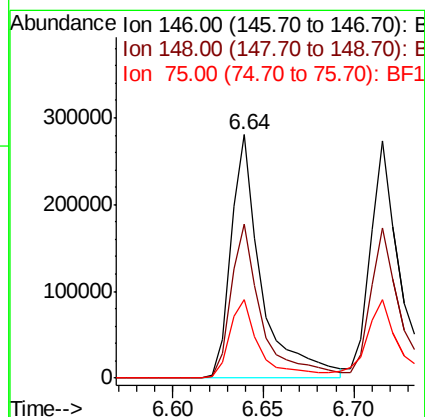
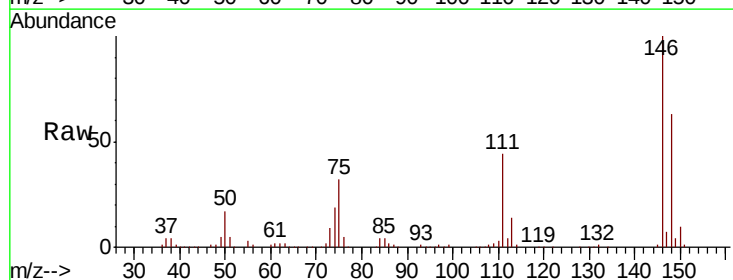
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.2	53.4	93.4
95	31.5	12.1	52.1



#12
1,3-Dichlorobenzene
Concen: 39.210 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF109738.D
Acq: 10 Oct 2018 13:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.4	75.6
75	32.2	25.8	38.6

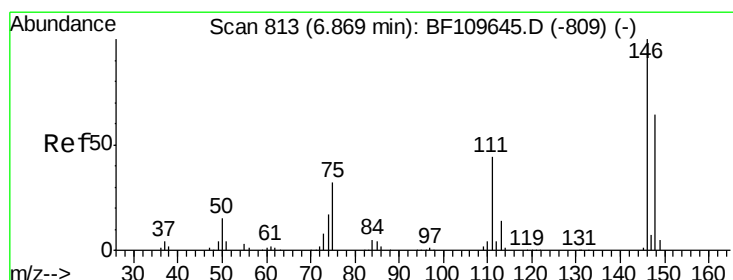
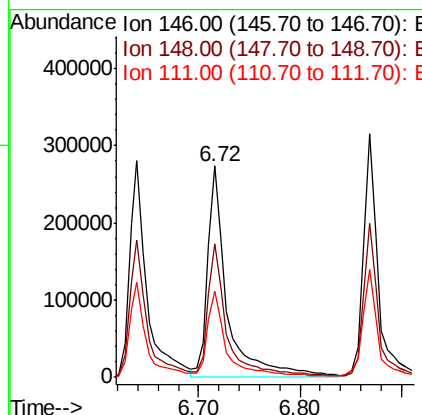
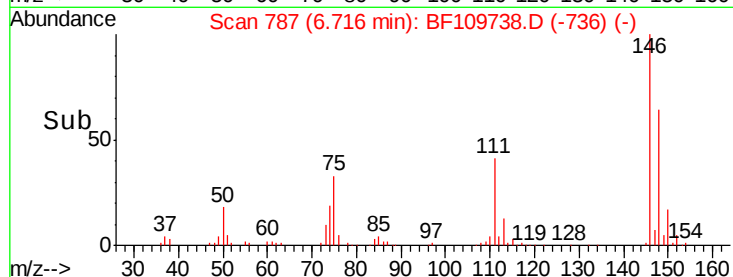
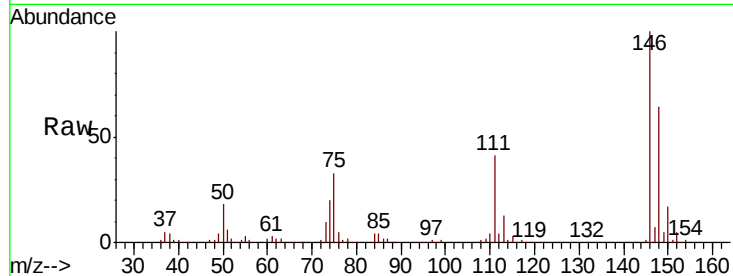




#13
 1,4-Dichlorobenzene
 Concen: 39.769 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF109738.D
 Acq: 10 Oct 2018 13:07

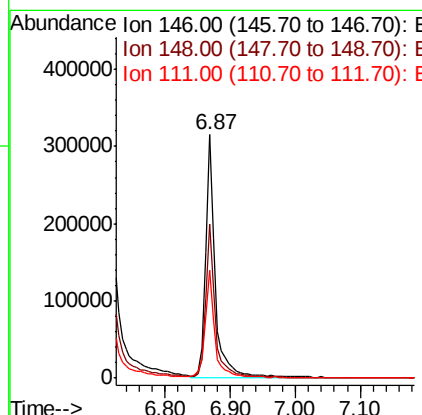
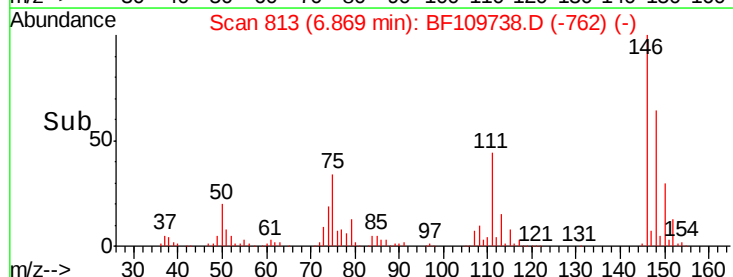
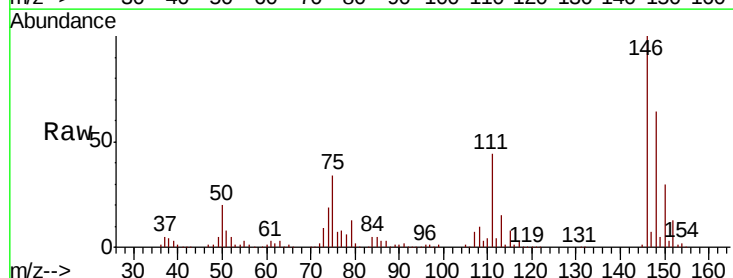
Instrument :
 BNA_F
 ClientSampleId :

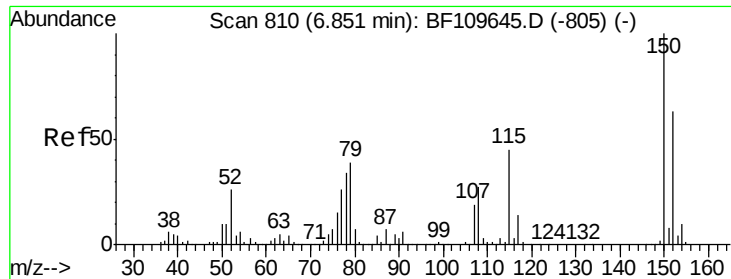
Tot Ion:146 Resp: 362703
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.3 75.5
 111 40.9 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 40.360 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF109738.D
 Acq: 10 Oct 2018 13:07

Tgt Ion:146 Resp: 323261
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.1 76.7
 111 44.2 35.8 53.6

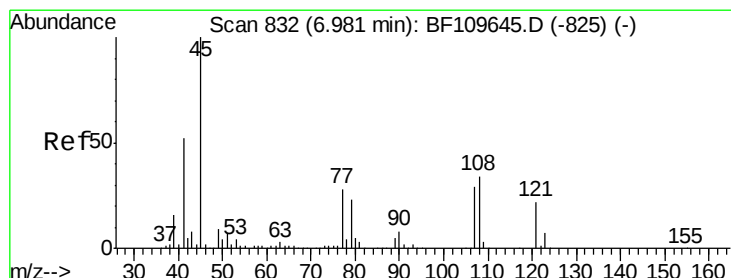
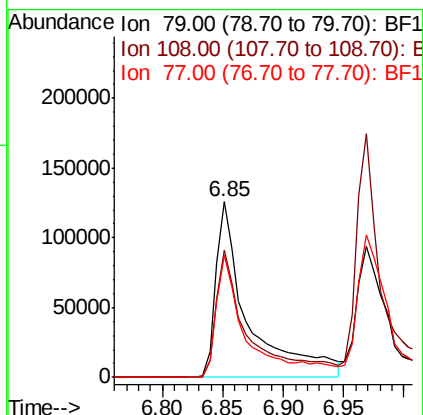
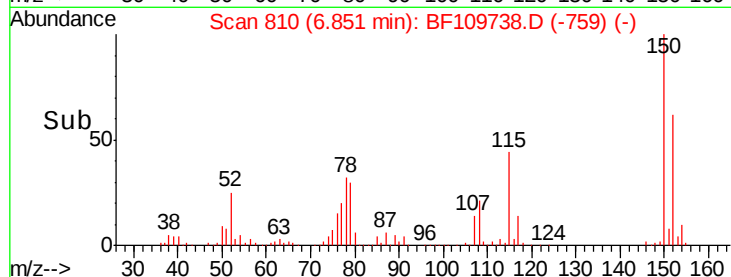
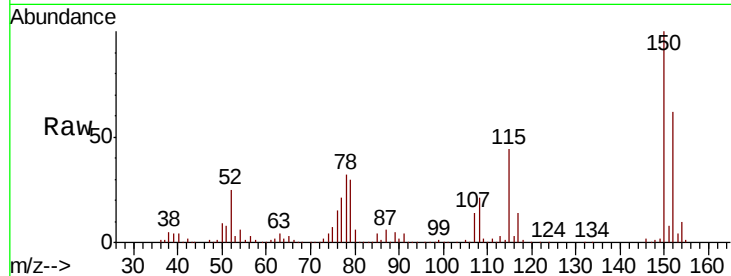




#15
Benzyl Alcohol
Concen: 39.433 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF109738.D
Acq: 10 Oct 2018 13:07

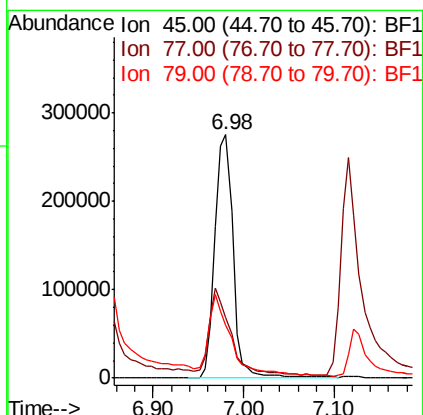
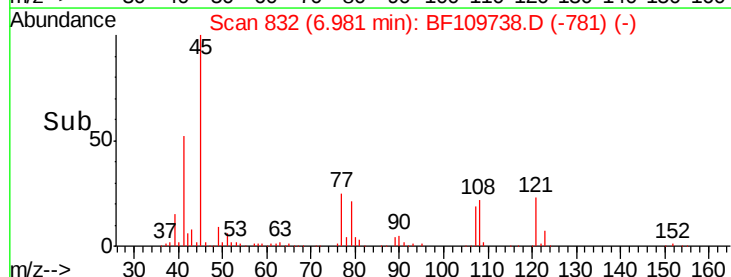
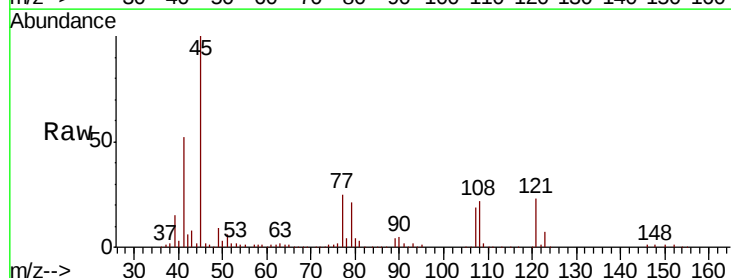
Instrument :
BNA_F
ClientSampled :

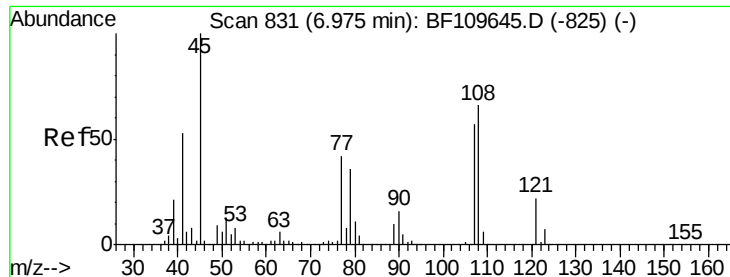
Tot Ion: 79 Resp: 232281
Ion Ratio Lower Upper
79 100
108 72.5 56.3 84.5
77 69.8 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.417 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF109738.D
Acq: 10 Oct 2018 13:07

Tgt Ion: 45 Resp: 384784
Ion Ratio Lower Upper
45 100
77 25.0 10.0 50.0
79 21.5 6.1 46.1





#17

2-Methylphenol

Concen: 39.424 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF109738.D

Acq: 10 Oct 2018 13:07

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 228057

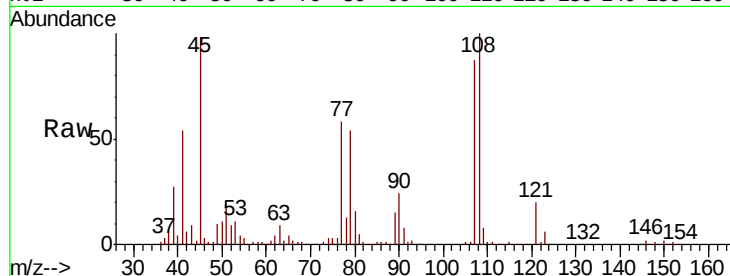
Ion Ratio Lower Upper

107 100

108 114.8 92.6 138.8

77 67.0 59.4 89.2

79 61.9 54.0 81.0

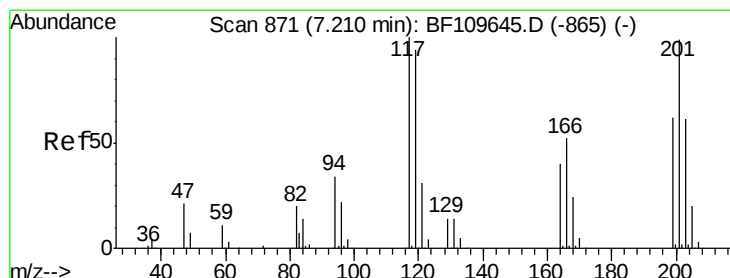
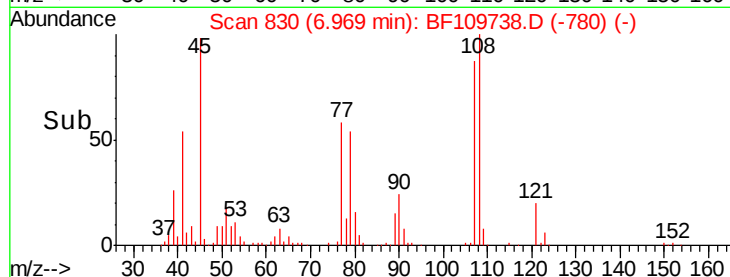
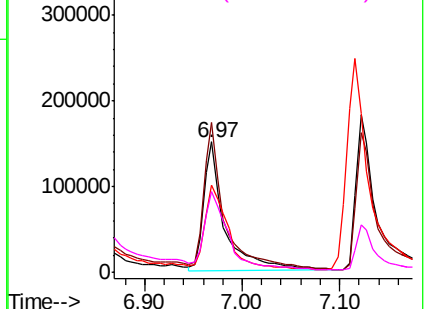


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.622 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF109738.D

Acq: 10 Oct 2018 13:07

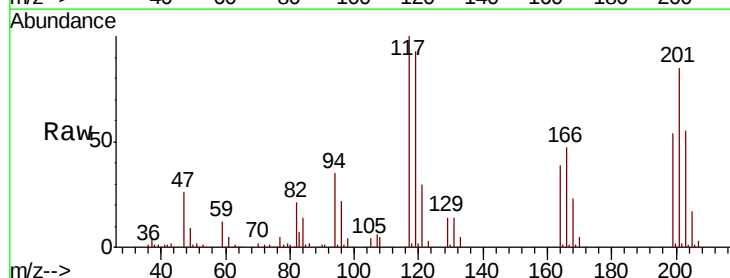
Tgt Ion:117 Resp: 127728

Ion Ratio Lower Upper

117 100

119 93.4 75.0 112.6

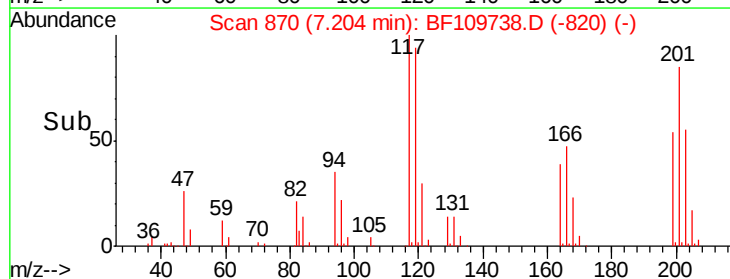
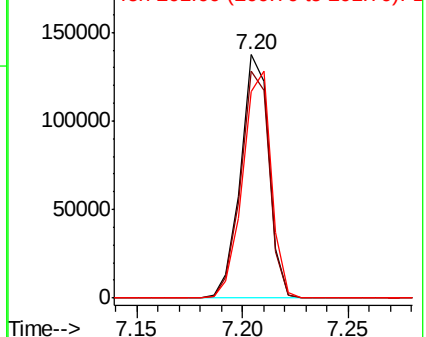
201 84.7 79.2 118.8



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

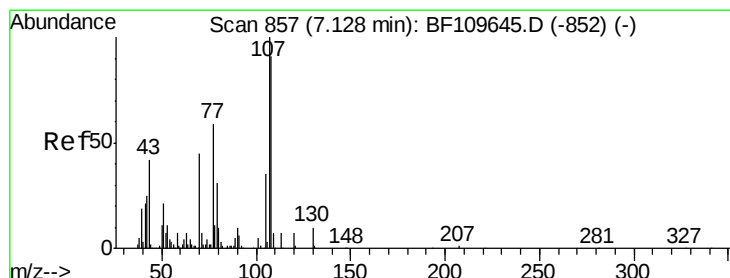
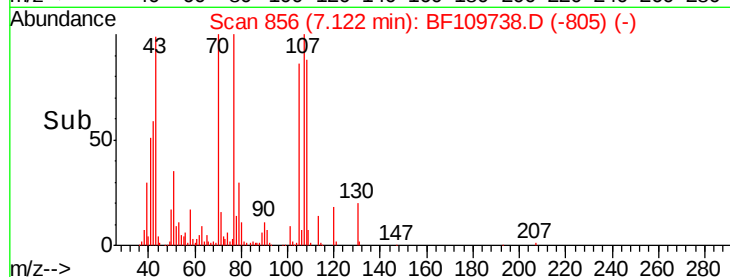
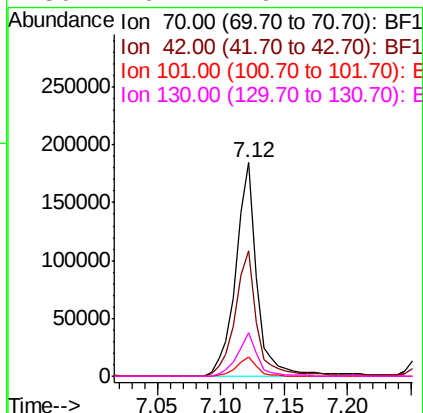
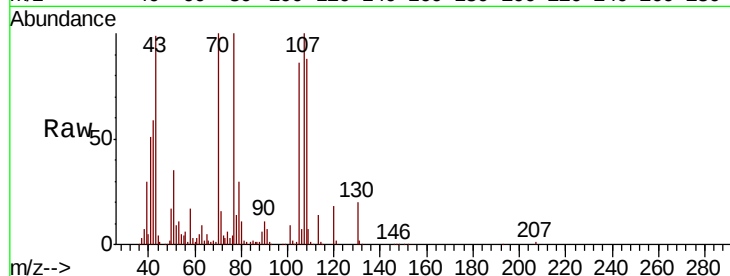




#19
n-Nitroso-di-n-propylamine
Concen: 38.345 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF109738.D
Acq: 10 Oct 2018 13:07

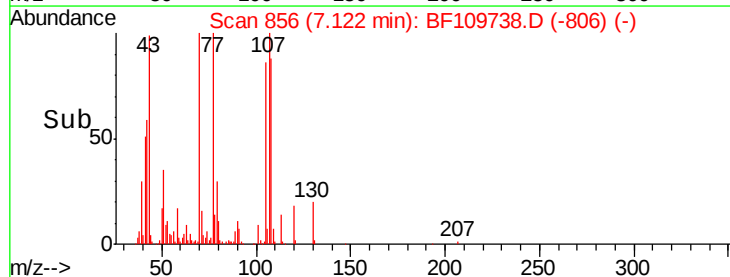
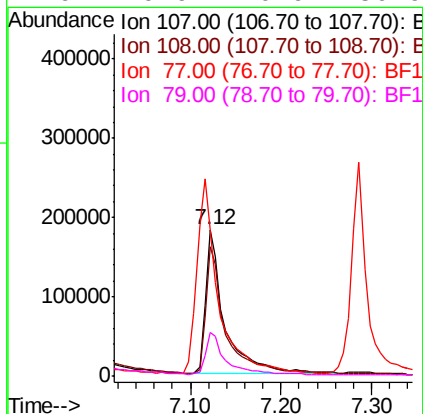
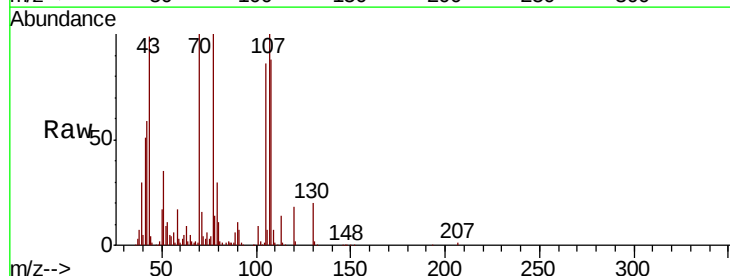
Instrument :
BNA_F
ClientSampleId :

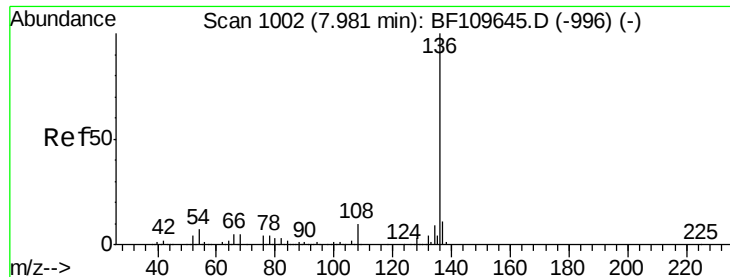
Tot Ion:	70	Resp:	213666
Ion	Ratio	Lower	Upper
70	100		
42	59.0	47.4	71.2
101	9.3	7.3	10.9
130	20.4	16.2	24.2



#20
3+4-Methylphenols
Concen: 38.467 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109738.D
Acq: 10 Oct 2018 13:07

Tgt Ion:	107	Resp:	274195
Ion	Ratio	Lower	Upper
107	100		
108	88.3	71.4	111.4
77	100.2	47.3	87.3#
79	29.9	10.9	50.9

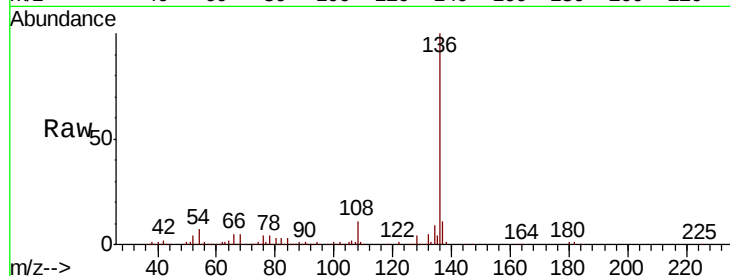




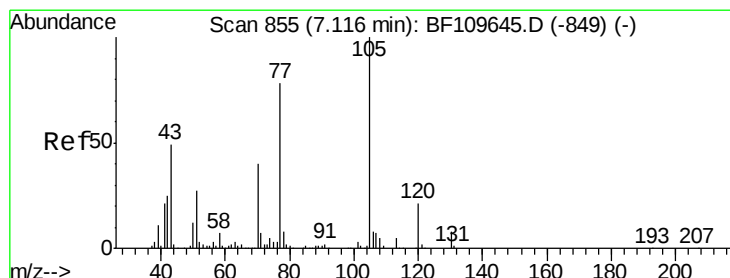
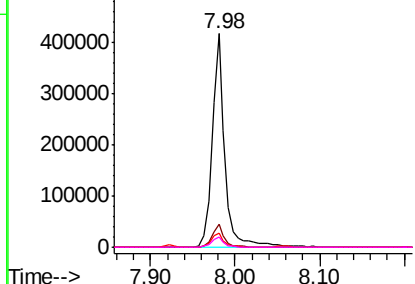
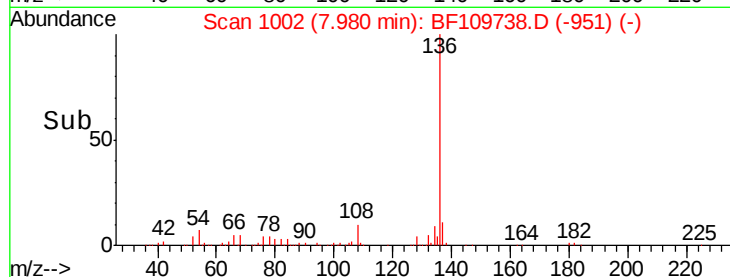
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BF109738.D
Acq: 10 Oct 2018 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	443318
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.8	13.2
54 6.8	5.4	8.2
68 5.0	4.2	6.2

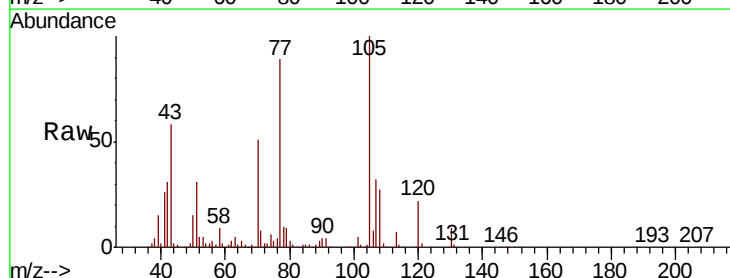


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

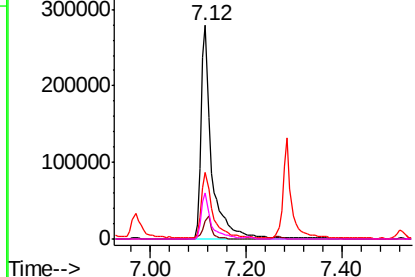
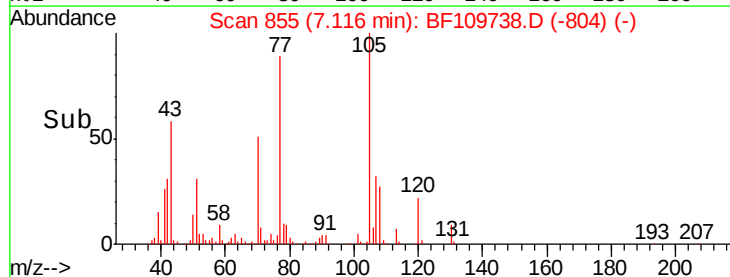


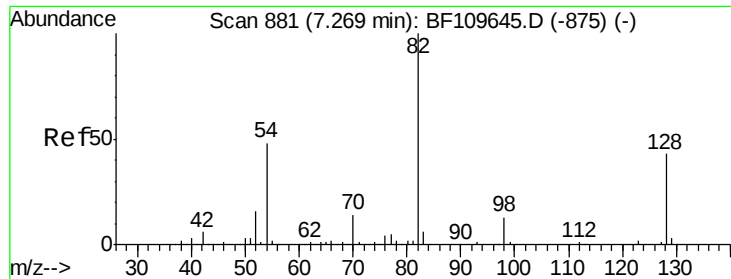
#22
Acetophenone
Concen: 40.250 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF109738.D
Acq: 10 Oct 2018 13:07

Tgt	Ion:105	Resp:	431493
Ion	Ratio	Lower	Upper
105	100		
71	8.4	5.2	7.8#
51	31.3	21.8	32.8
120	21.6	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

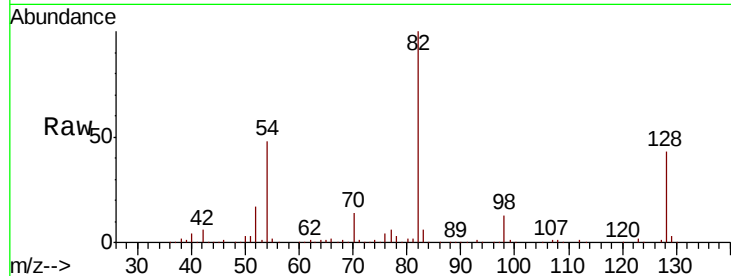




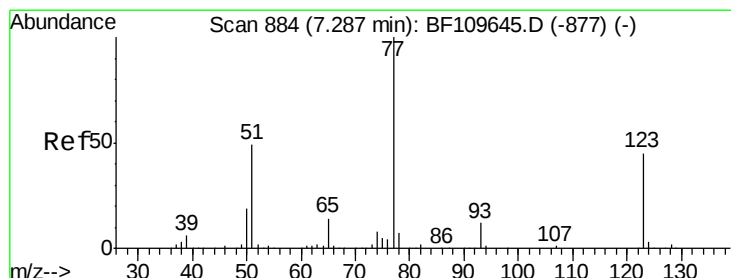
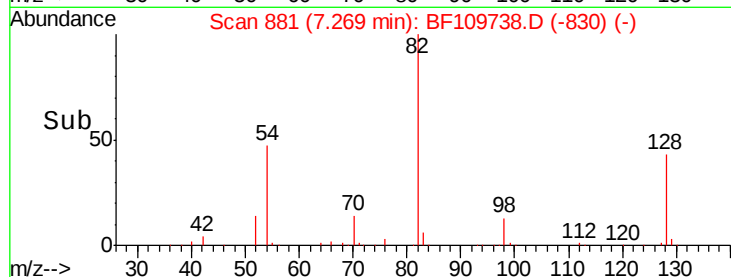
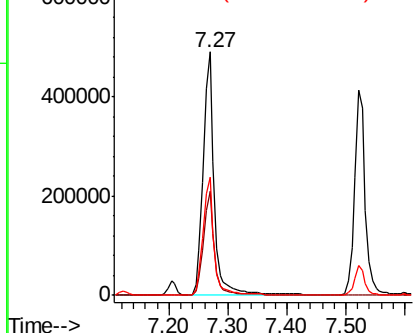
#23
 Nitrobenzene-d5
 Concen: 80.732 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.00 min
 Lab File: BF109738.D
 Acq: 10 Oct 2018 13:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	649273
Ion Ratio	100		
Lower	34.2		
Upper	51.2		
54	48.5		58.0

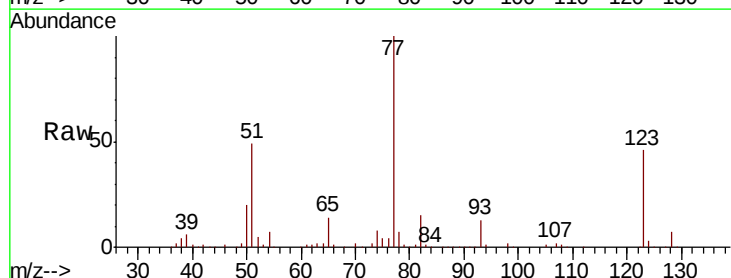


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

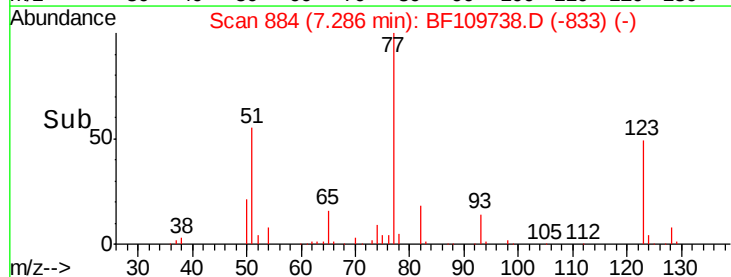
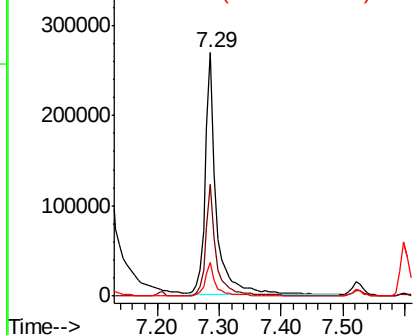


#24
 Nitrobenzene
 Concen: 40.294 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BF109738.D
 Acq: 10 Oct 2018 13:07

Tgt Ion	77	Resp	337197
Ion Ratio	100		
Lower	35.7		
Upper	53.5		
123	45.7		16.1
65	13.7		10.7



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

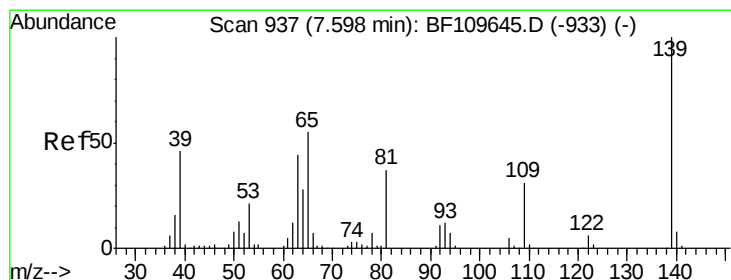
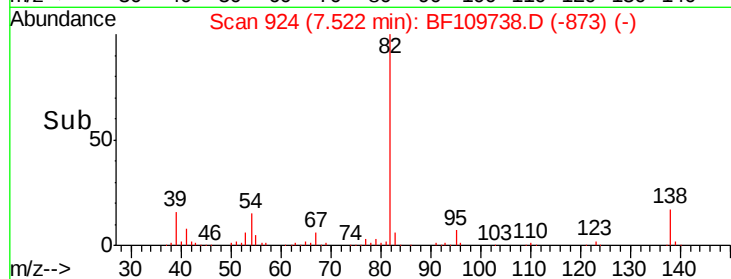
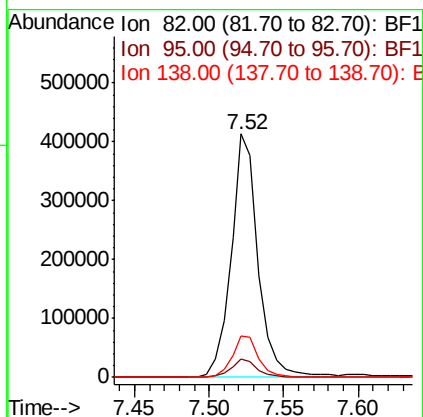
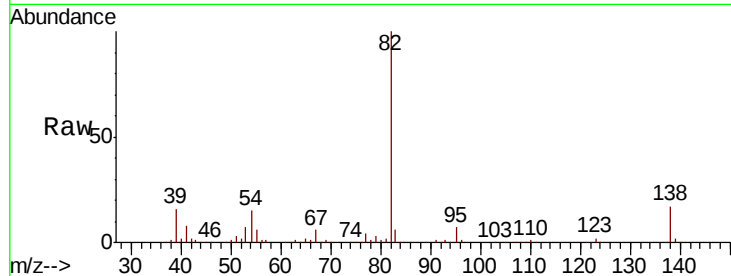




#25
Isophorone
Concen: 38.546 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF109738.D
Acq: 10 Oct 2018 13:07

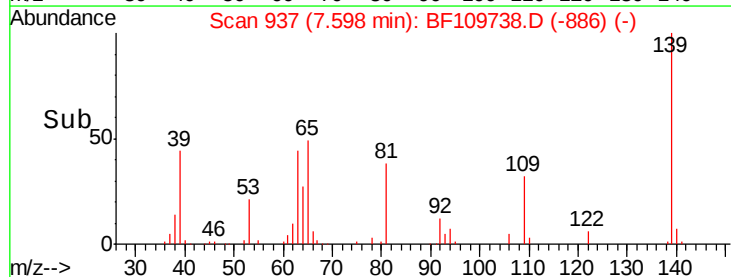
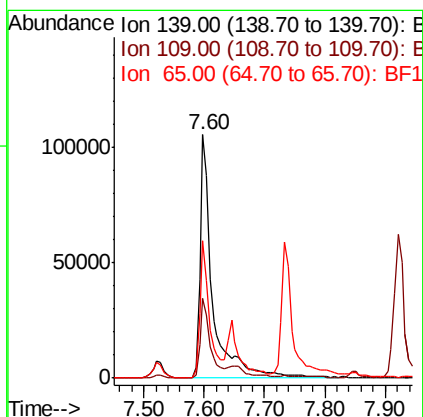
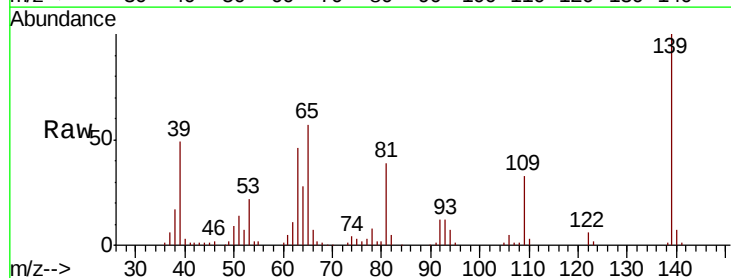
Instrument :
BNA_F
ClientSampleId :

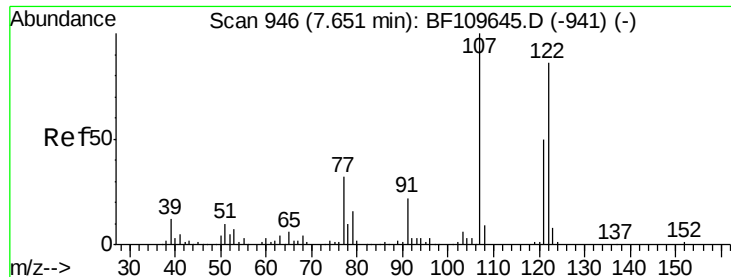
Tot Ion: 82 Resp: 514766
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 16.9 13.2 19.8



#26
2-Nitrophenol
Concen: 39.846 ng
RT: 7.60 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF109738.D
Acq: 10 Oct 2018 13:07

Tgt Ion: 139 Resp: 155970
Ion Ratio Lower Upper
139 100
109 32.5 25.0 37.6
65 56.5 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 38.455 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF109738.D

Acq: 10 Oct 2018 13:07

Instrument :

BNA_F

ClientSampleId :

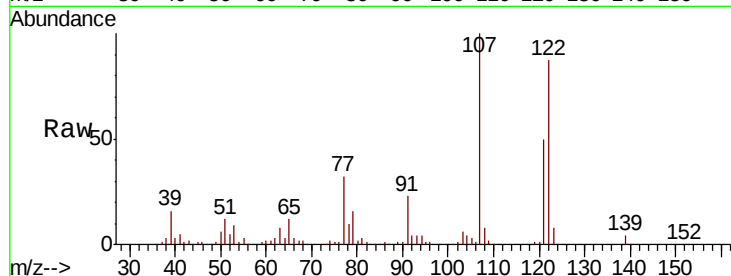
Tot Ion:122 Resp: 217365

Ion Ratio Lower Upper

122 100

107 114.3 92.5 138.7

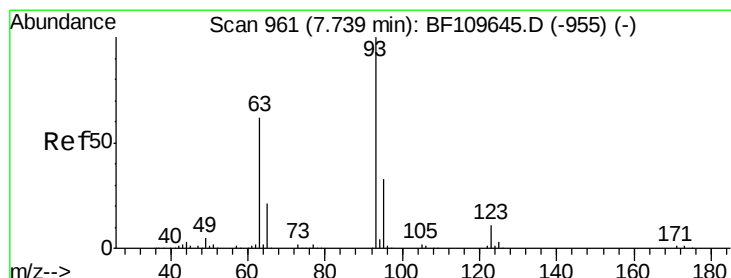
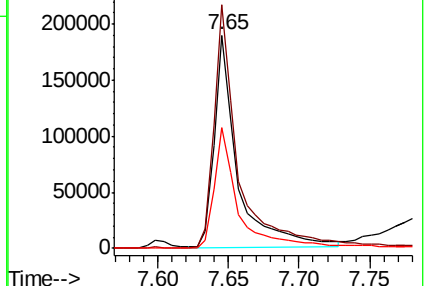
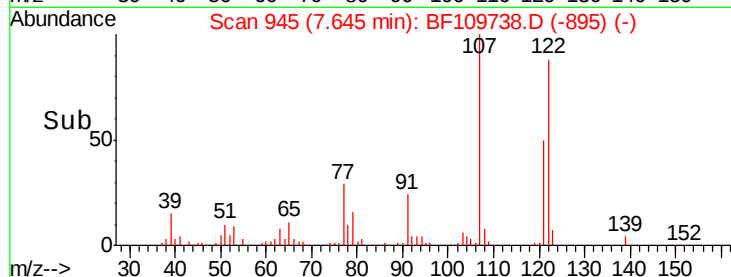
121 56.9 45.8 68.8



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: 38.921 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF109738.D

Acq: 10 Oct 2018 13:07

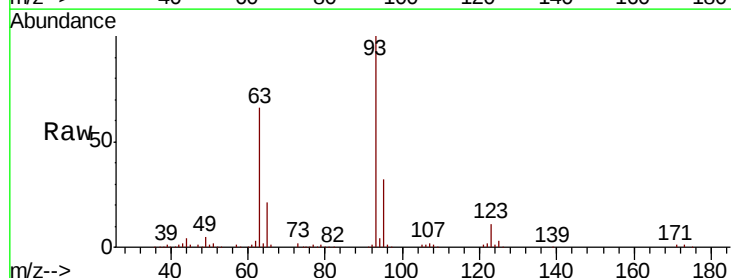
Tgt Ion: 93 Resp: 351583

Ion Ratio Lower Upper

93 100

95 32.2 26.4 39.6

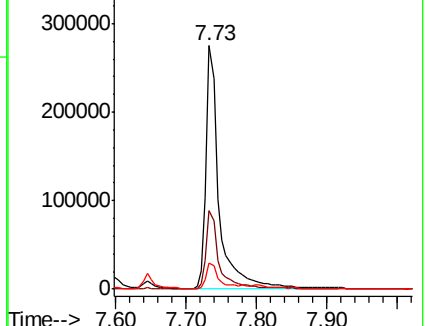
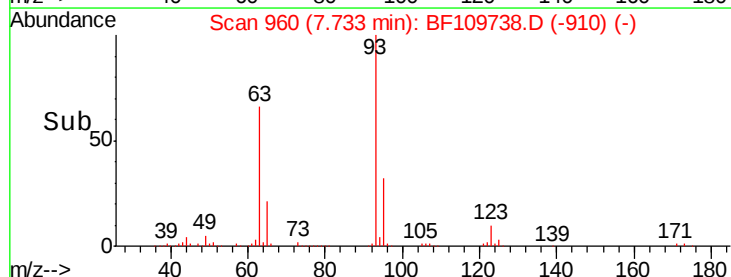
123 10.6 9.0 13.6

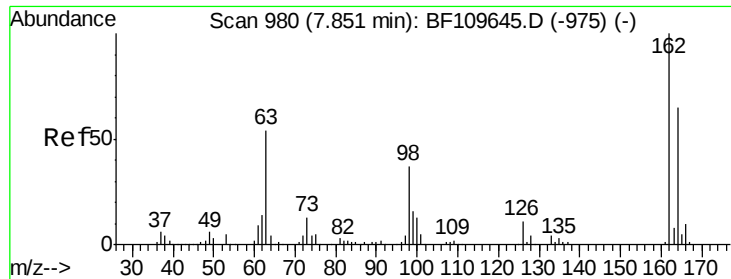


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

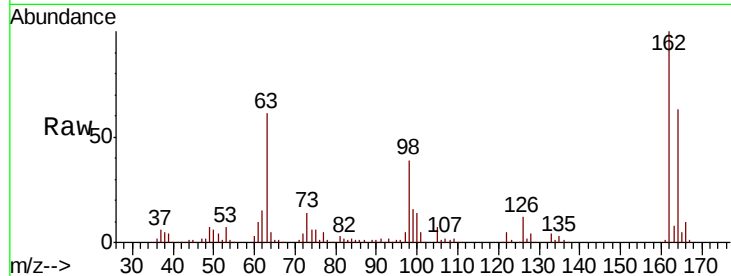




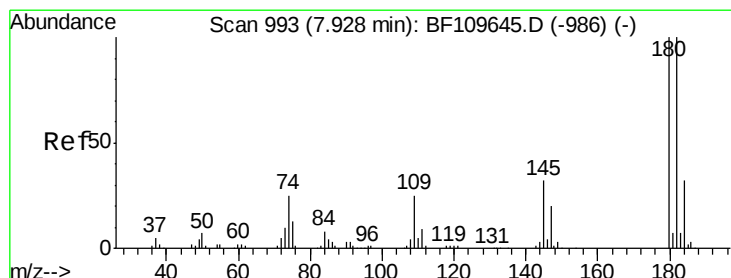
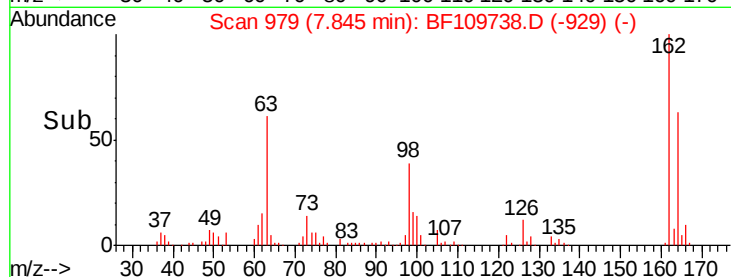
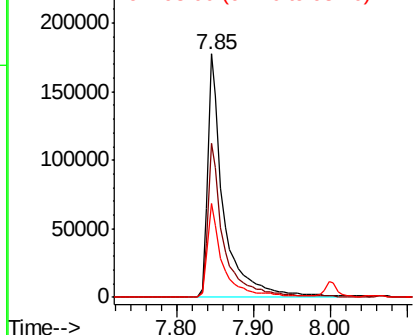
#29
 2,4-Dichlorophenol
 Concen: 40.068 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF109738.D
 Acq: 10 Oct 2018 13:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.6	84.6
98	38.7	17.4	57.4

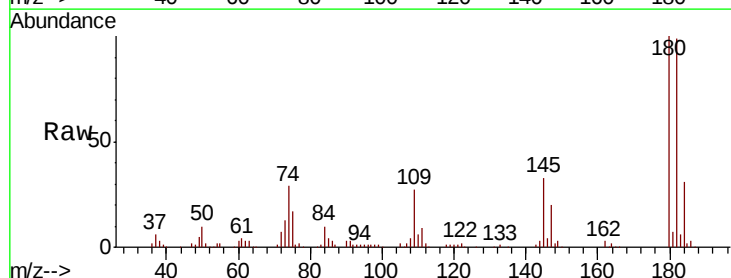


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

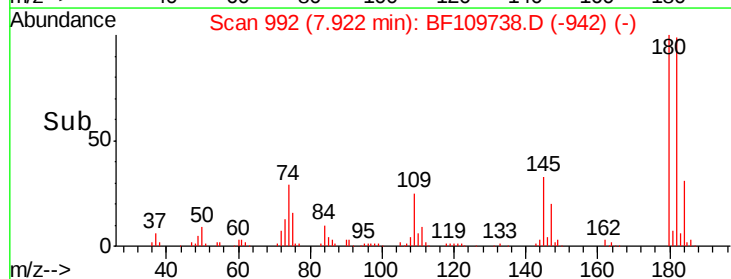
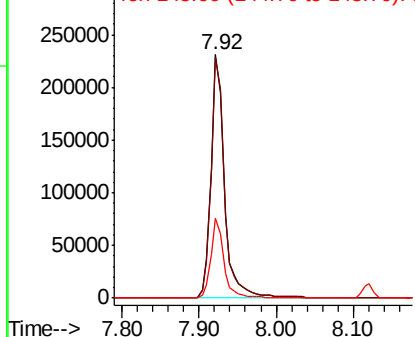


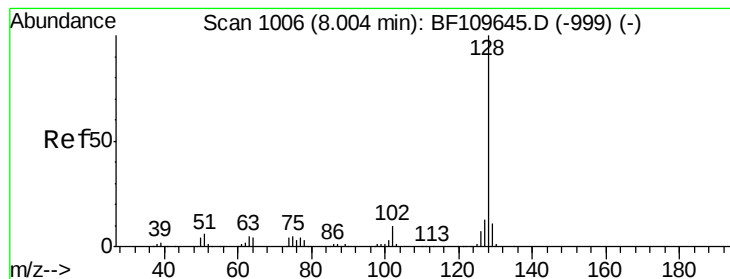
#30
 1,2,4-Trichlorobenzene
 Concen: 39.861 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF109738.D
 Acq: 10 Oct 2018 13:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.0	80.3	120.5
145	32.8	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: 38.582 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF109738.D

Acq: 10 Oct 2018 13:07

Instrument :

BNA_F

ClientSampleId :

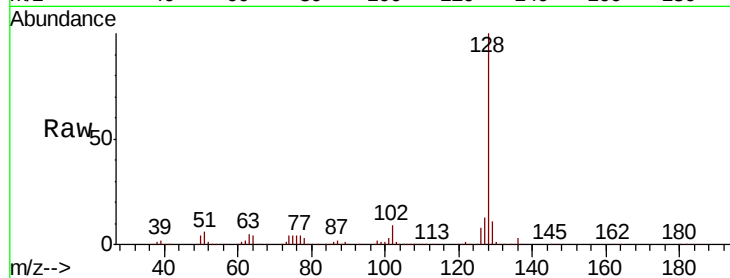
Tot Ion:128 Resp: 791009

Ion Ratio Lower Upper

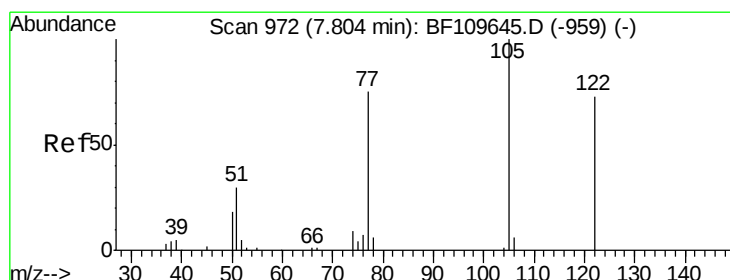
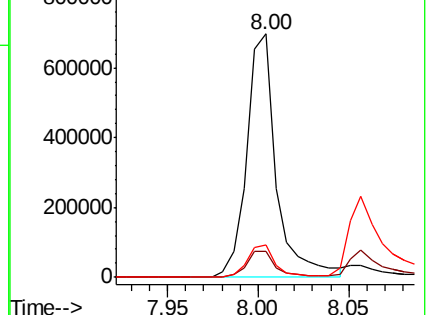
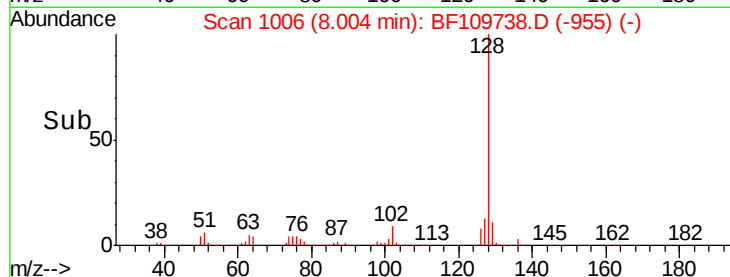
128 100

129 10.9 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: 37.899 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF109738.D

Acq: 10 Oct 2018 13:07

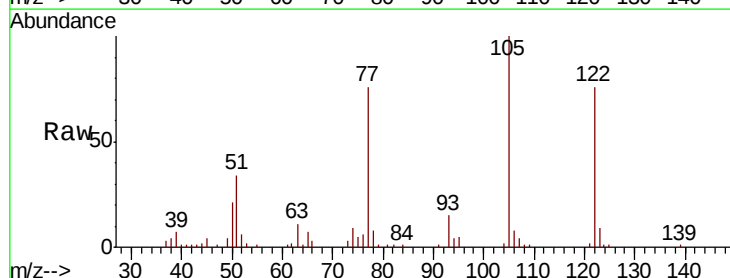
Tgt Ion:122 Resp: 153163

Ion Ratio Lower Upper

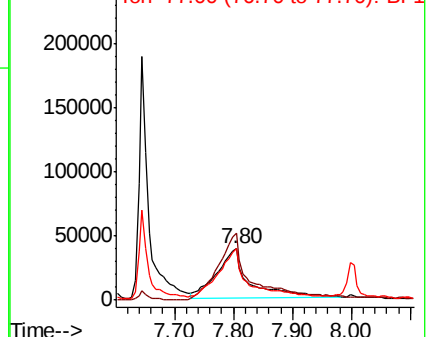
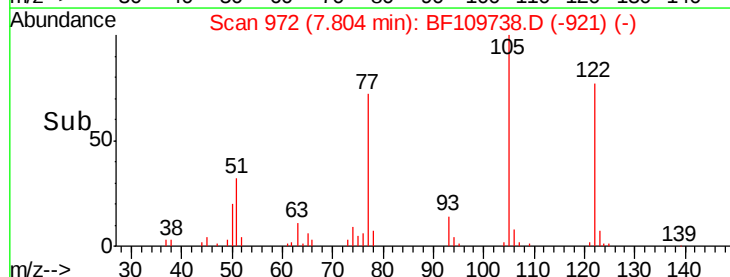
122 100

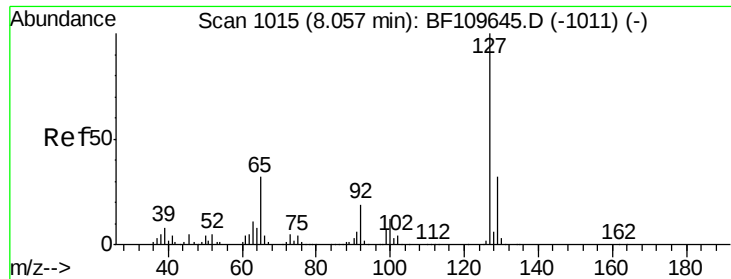
105 131.5 109.0 149.0

77 100.2 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

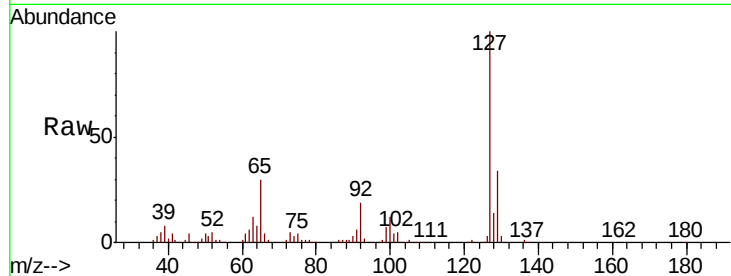




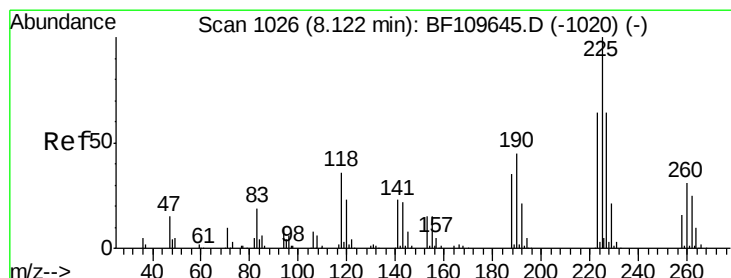
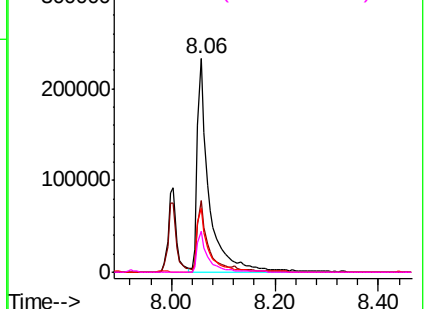
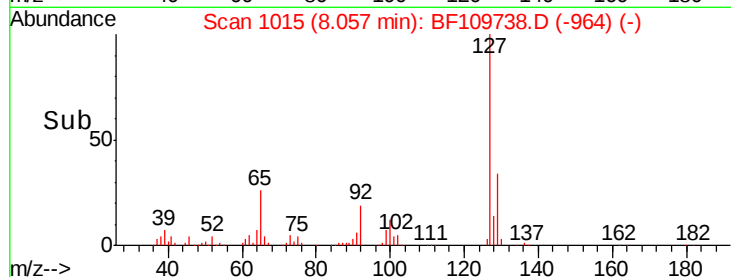
#33
4-Chloroaniline
Concen: 40.202 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF109738.D
Acq: 10 Oct 2018 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	362969
Ion Ratio	Lower	Upper
127	100	
129	33.6	26.0 39.0
65	30.2	25.1 37.7
92	18.9	15.0 22.6

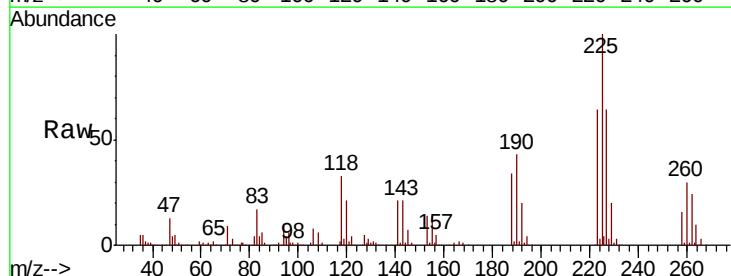


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

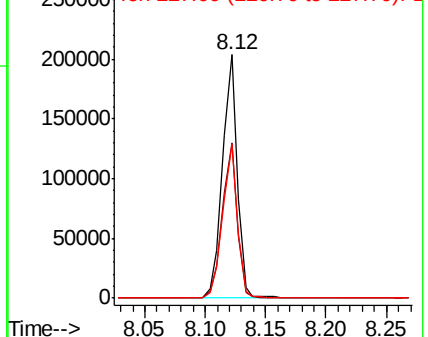
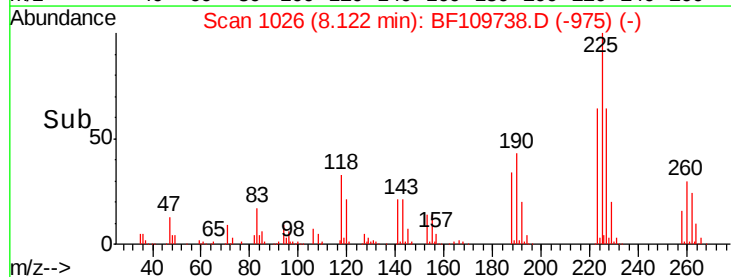


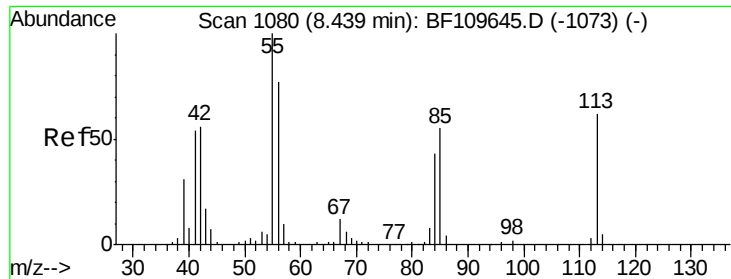
#34
Hexachlorobutadiene
Concen: 39.507 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF109738.D
Acq: 10 Oct 2018 13:07

Tgt Ion:225	Resp:	172405
Ion Ratio	Lower	Upper
225	100	
223	63.8	51.4 77.2
227	63.5	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

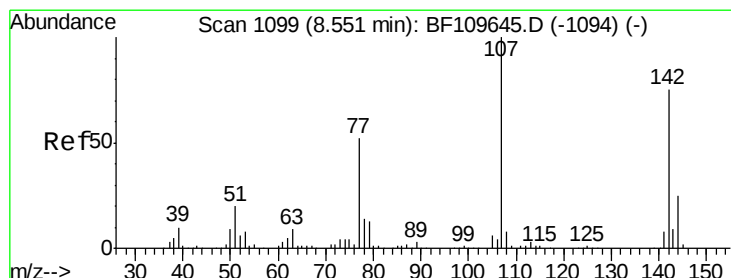
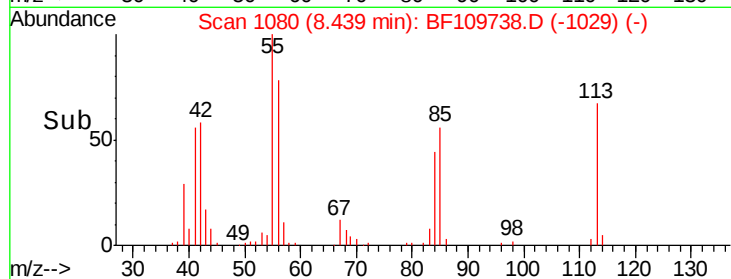
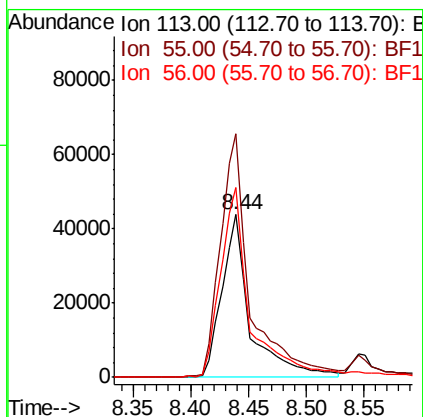
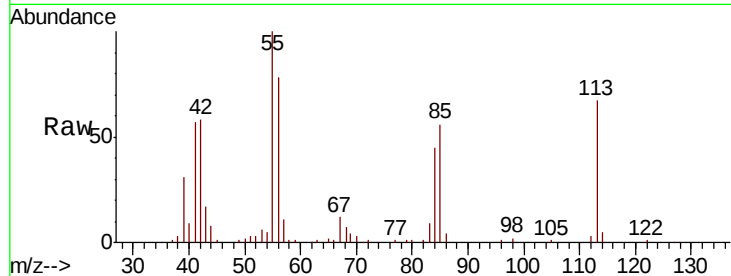




#35
 Caprolactam
 Concen: 39.432 ng
 RT: 8.44 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: BF109738.D
 Acq: 10 Oct 2018 13:07

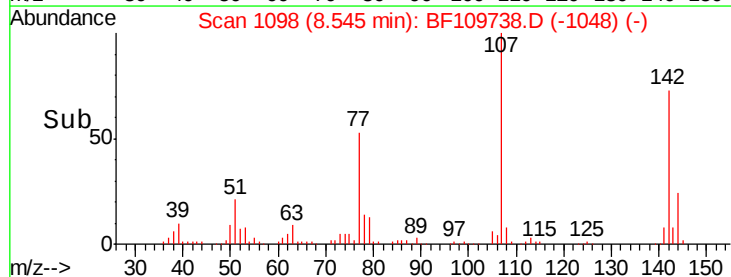
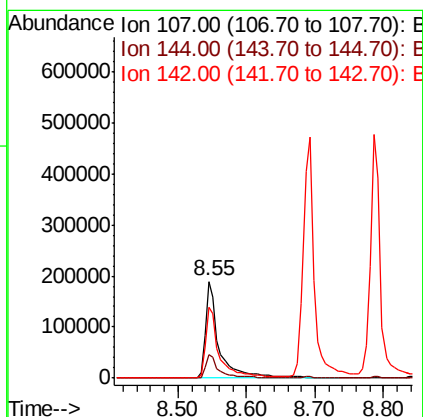
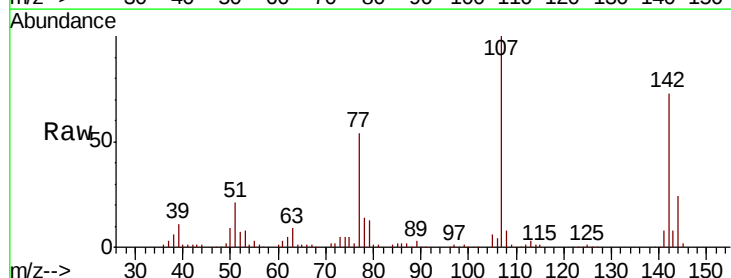
Instrument :
 BNA_F
 ClientSampled :

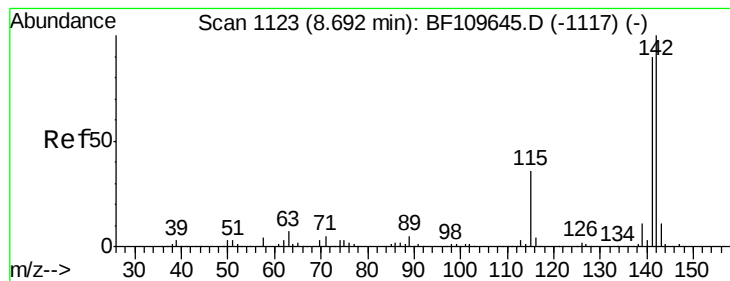
Tot Ion:113 Resp: 74664
 Ion Ratio Lower Upper
 113 100
 55 149.6 142.8 182.8
 56 116.3 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 40.065 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF109738.D
 Acq: 10 Oct 2018 13:07

Tgt Ion:107 Resp: 268141
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.0 30.0
 142 73.5 59.7 89.5





#37

2-Methylnaphthalene

Concen: 38.796 ng

RT: 8.69 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BF109738.D

Acq: 10 Oct 2018 13:07

Instrument :

BNA_F

ClientSampleId :

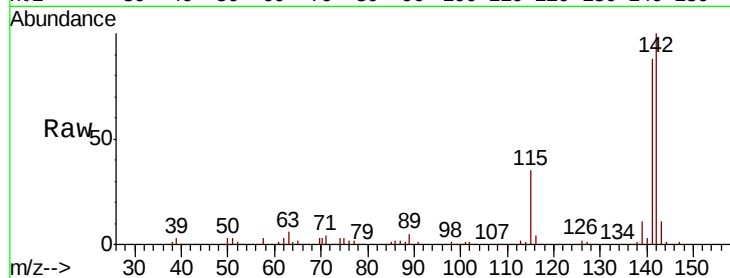
Tot Ion:142 Resp: 521014

Ion Ratio Lower Upper

142 100

141 88.3 71.4 107.2

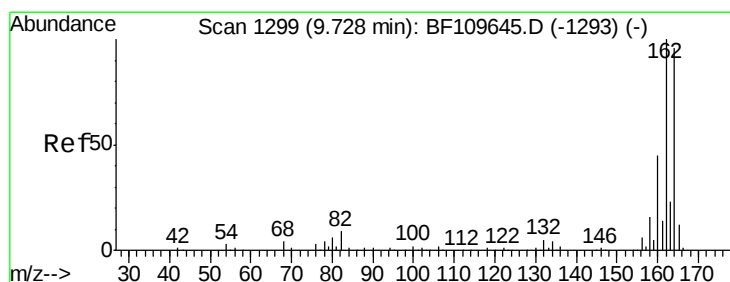
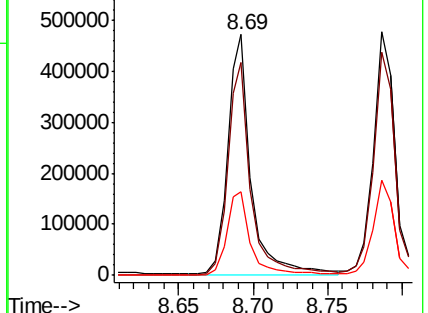
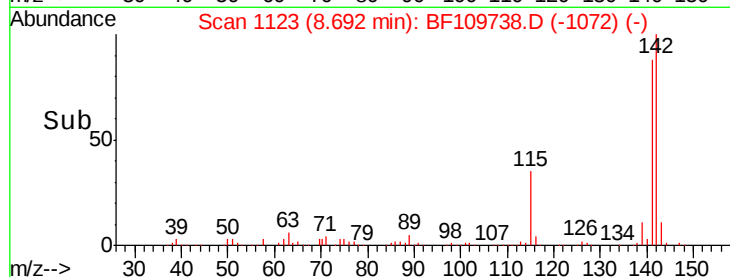
115 34.9 28.7 43.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BF109738.D

Acq: 10 Oct 2018 13:07

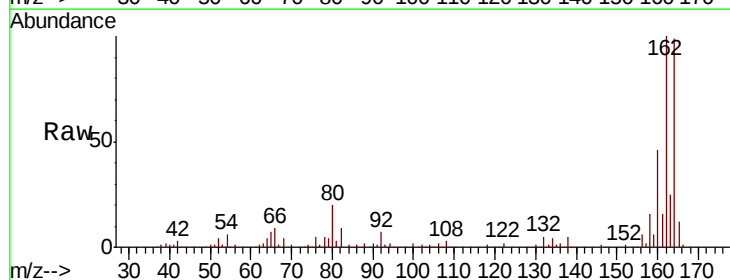
Tgt Ion:164 Resp: 209247

Ion Ratio Lower Upper

164 100

162 101.2 83.0 124.6

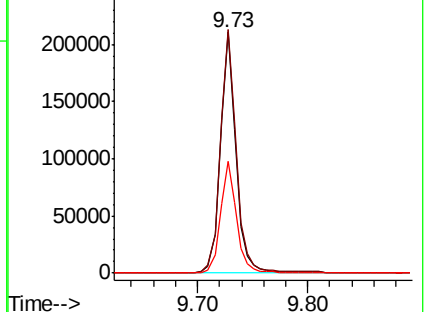
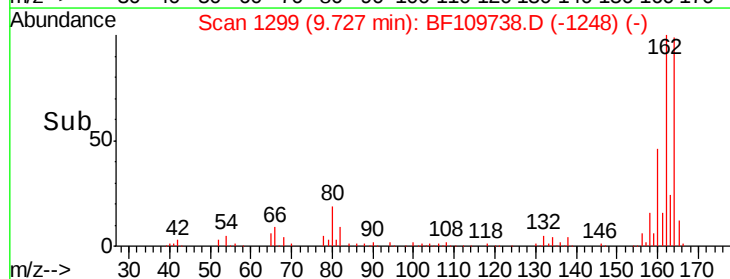
160 46.5 37.0 55.6

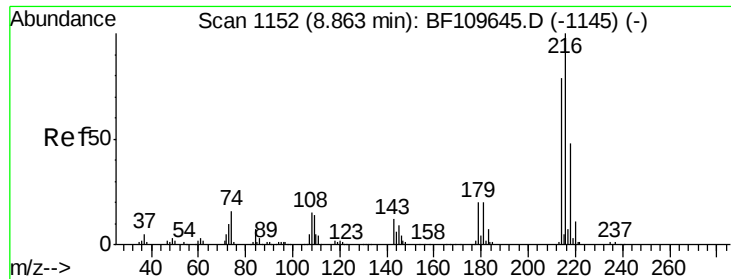


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

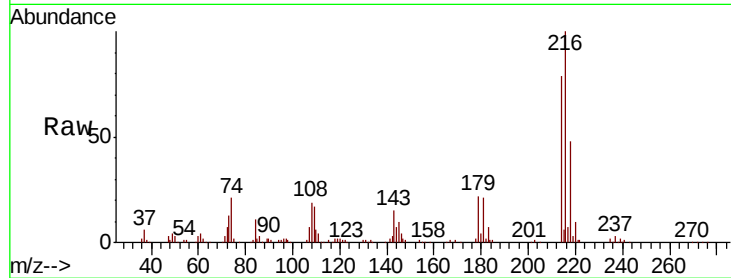




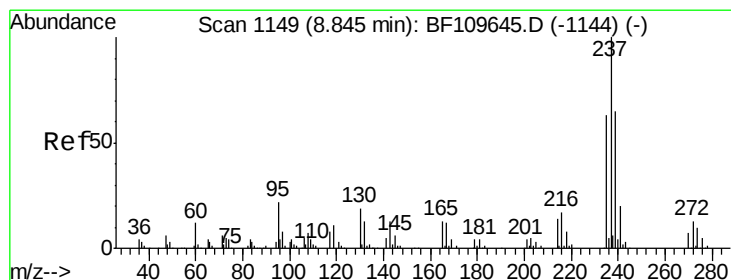
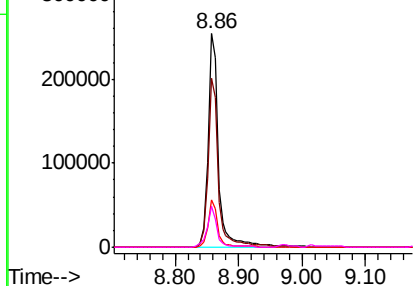
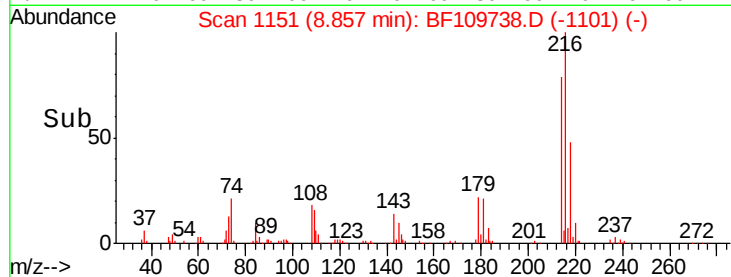
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.154 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF109738.D
 Acq: 10 Oct 2018 13:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	286009
Ion Ratio	Lower	Upper
216	100	
214	78.8	63.8 95.6
179	20.9	16.6 25.0
108	19.0	15.1 22.7

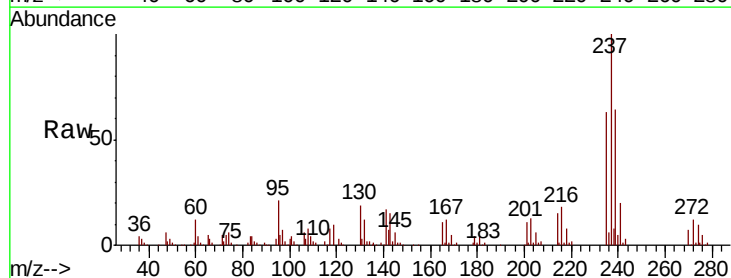


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

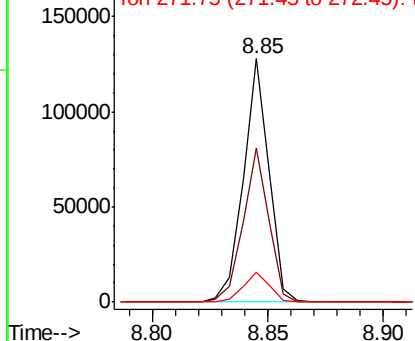
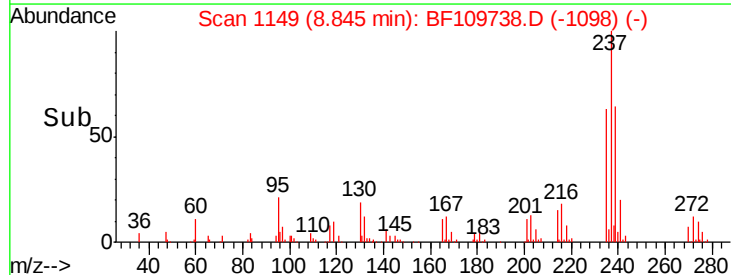


#40
 Hexachlorocyclopentadiene
 Concen: 36.069 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF109738.D
 Acq: 10 Oct 2018 13:07

Tgt Ion:237	Resp:	98936
Ion Ratio	Lower	Upper
237	100	
235	63.1	43.1 83.1
272	12.3	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

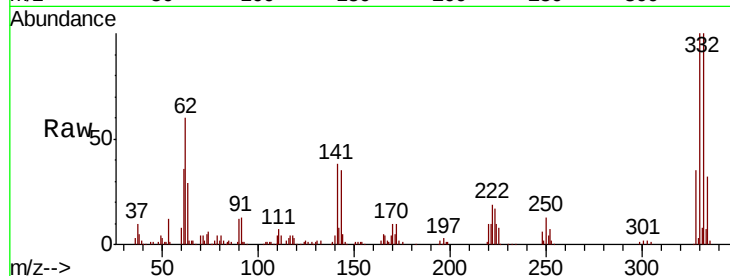




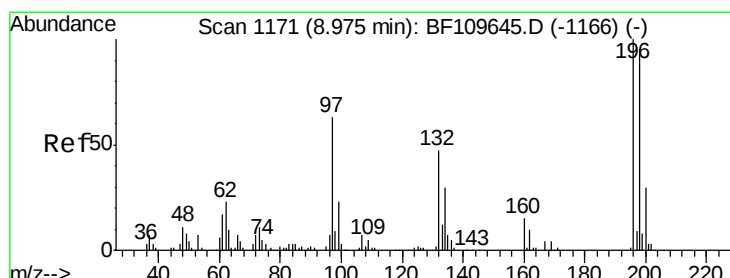
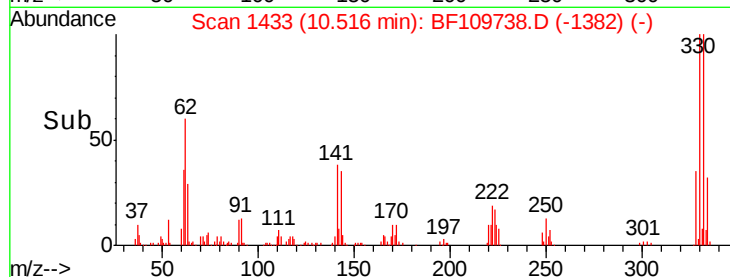
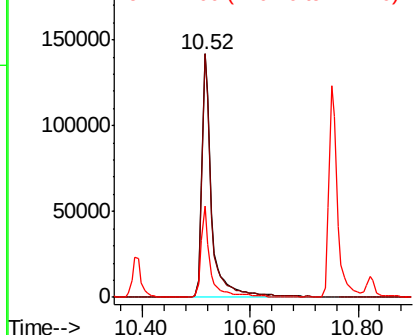
#41
 2,4,6-Tribromophenol
 Concen: 79.512 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF109738.D
 Acq: 10 Oct 2018 13:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	35.0	27.0	40.4

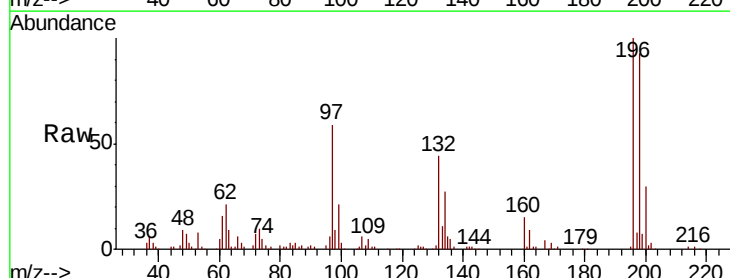


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

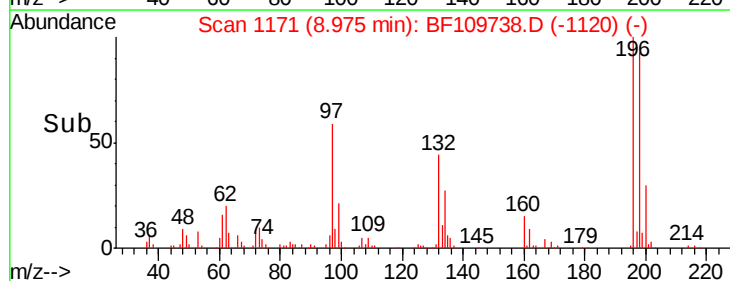
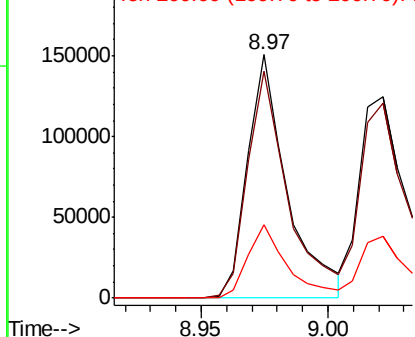


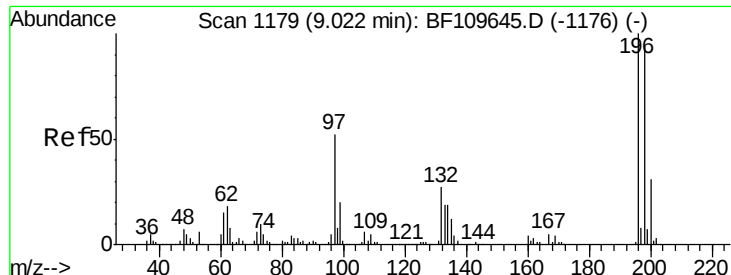
#42
 2,4,6-Trichlorophenol
 Concen: 38.660 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF109738.D
 Acq: 10 Oct 2018 13:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.5	76.2	114.4
200	29.9	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

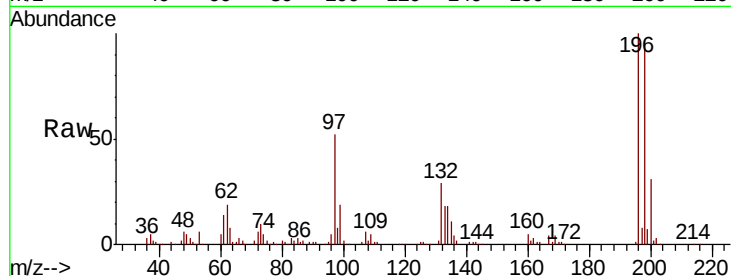




#43
2,4,5-Trichlorophenol
Concen: 40.964 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BF109738.D
Acq: 10 Oct 2018 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.6	75.8	113.6
97	52.0	42.4	63.6
132	28.5	22.8	34.2



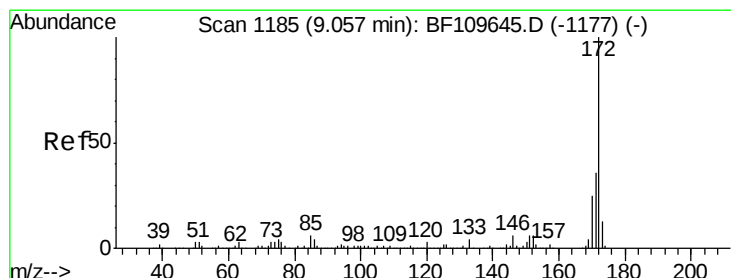
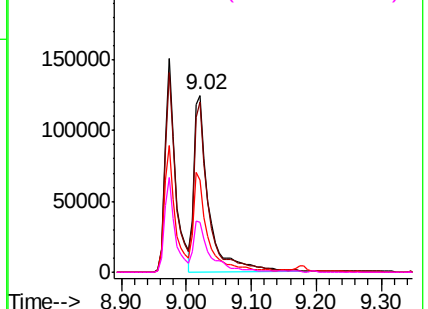
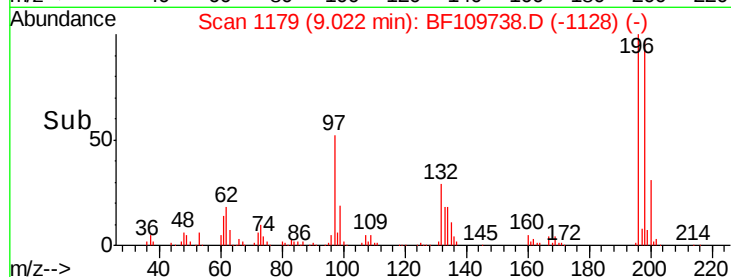
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

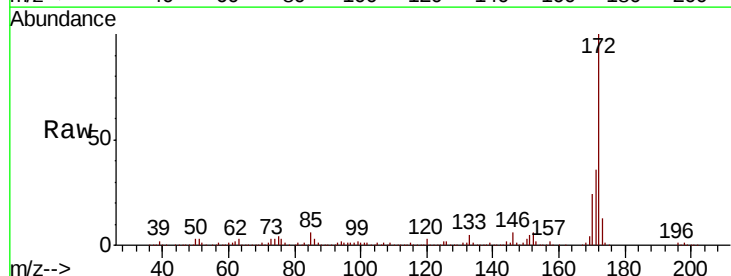
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 77.503 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF109738.D
Acq: 10 Oct 2018 13:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.9	19.7	29.5

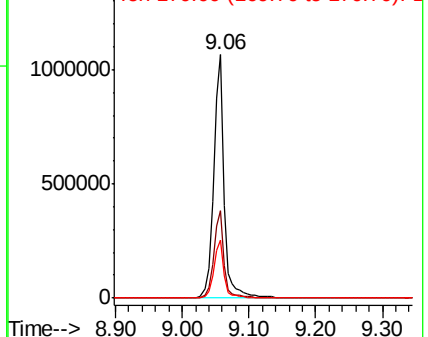
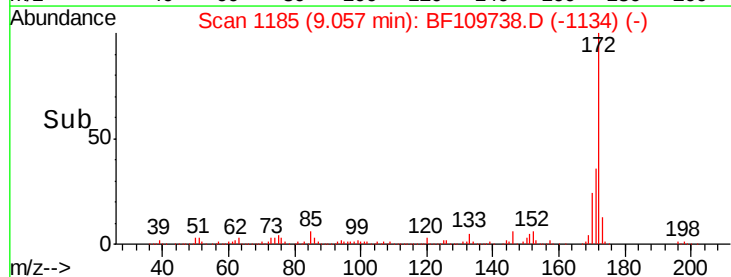


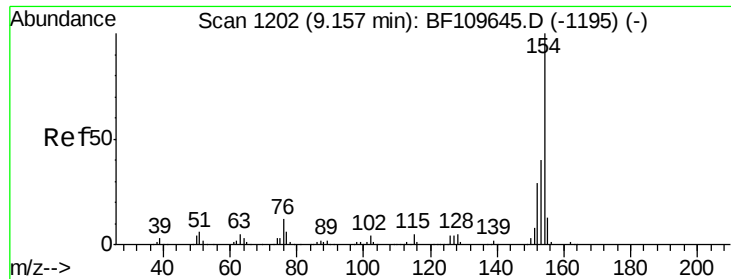
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

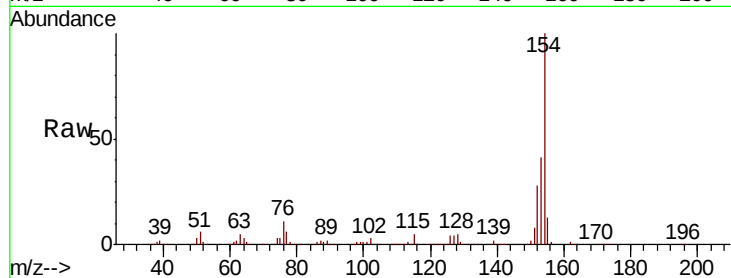




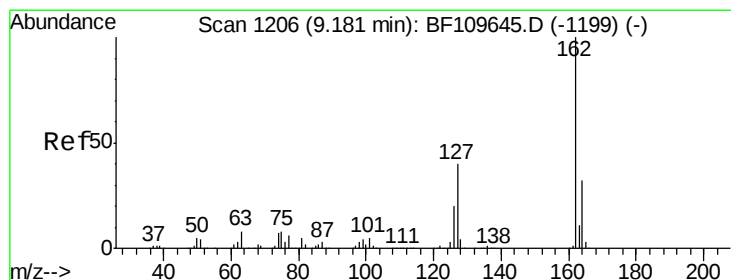
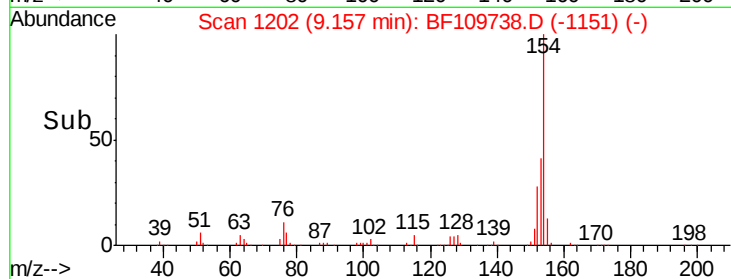
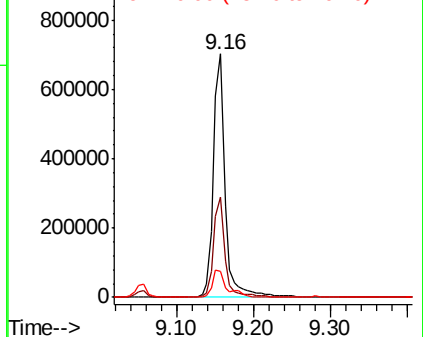
#45
 1,1'-Biphenyl
 Concen: 39.204 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF109738.D
 Acq: 10 Oct 2018 13:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.4	60.4
76	10.9	0.0	31.9

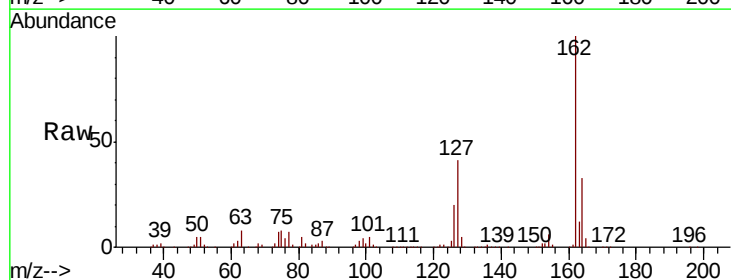


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

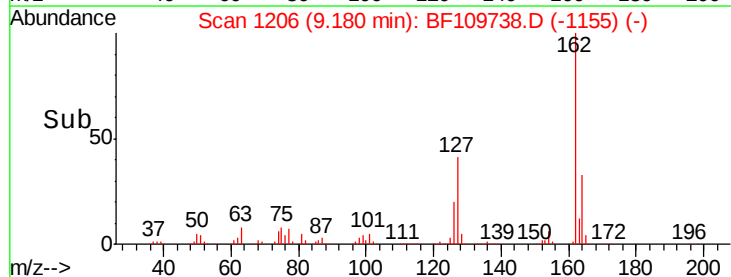
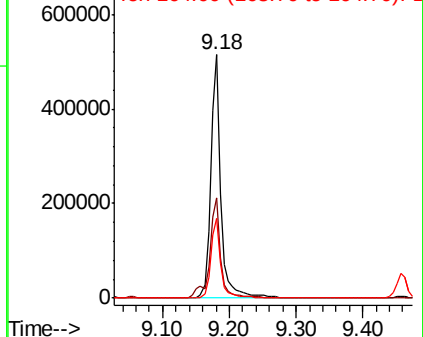


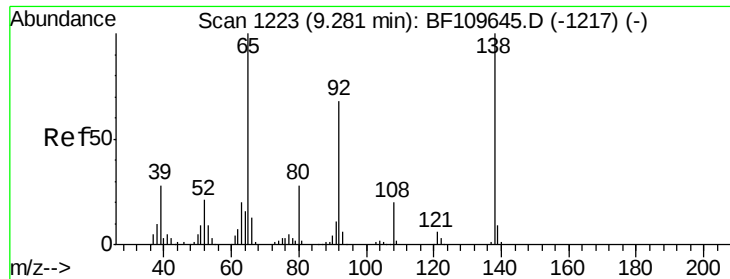
#46
 2-Chloronaphthalene
 Concen: 38.944 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF109738.D
 Acq: 10 Oct 2018 13:07

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.4	32.6	48.8
164	32.5	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

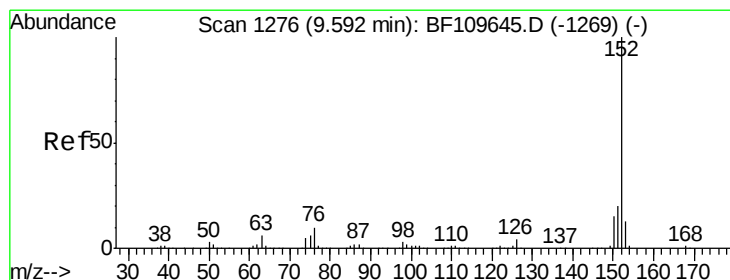
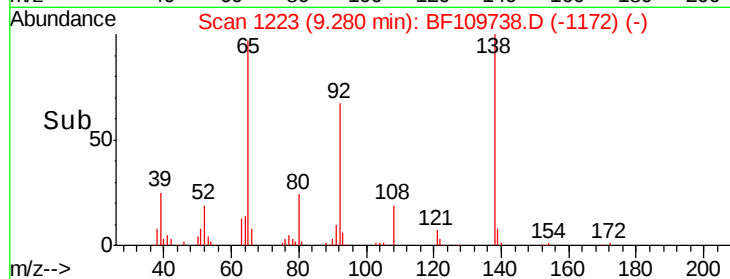
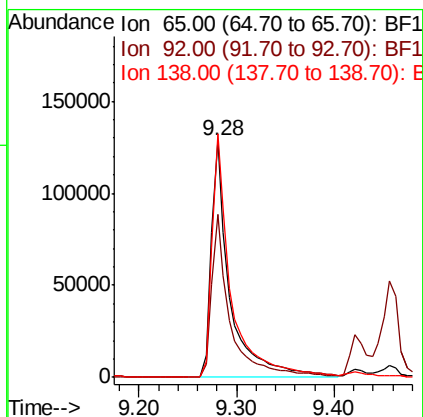
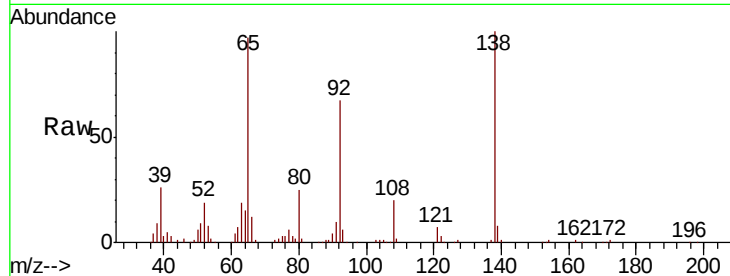




#47
2-Nitroaniline
Concen: 40.436 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BF109738.D
Acq: 10 Oct 2018 13:07

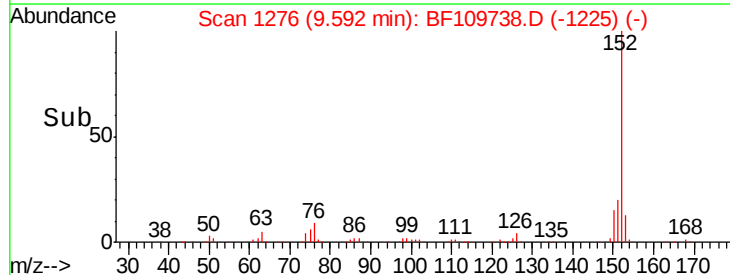
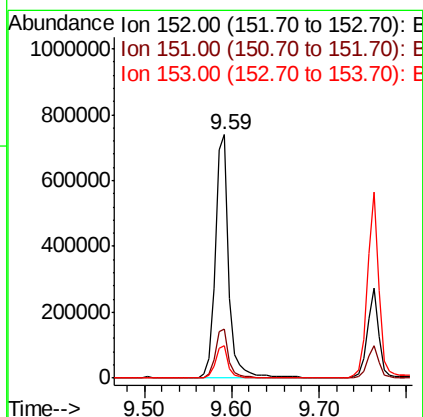
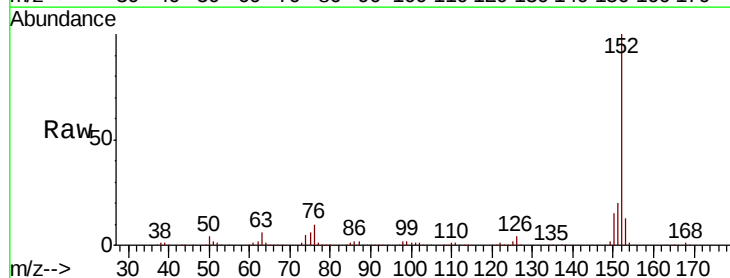
Instrument :
BNA_F
ClientSampleId :

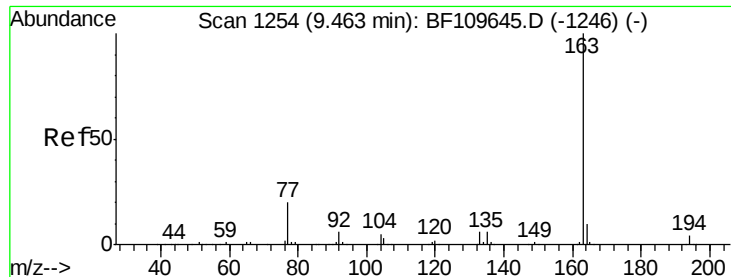
Tot Ion: 65 Resp: 171471
Ion Ratio Lower Upper
65 100
92 68.6 54.6 81.8
138 102.8 80.3 120.5



#48
Acenaphthylene
Concen: 38.862 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BF109738.D
Acq: 10 Oct 2018 13:07

Tgt Ion: 152 Resp: 793448
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.1 10.4 15.6

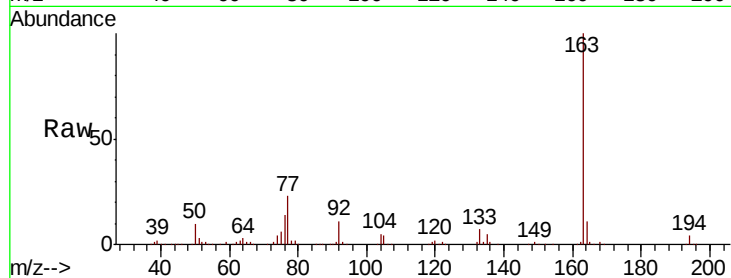




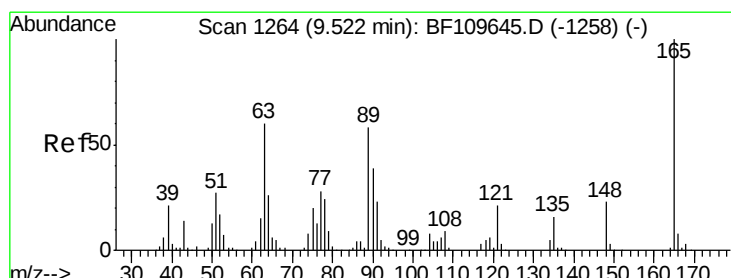
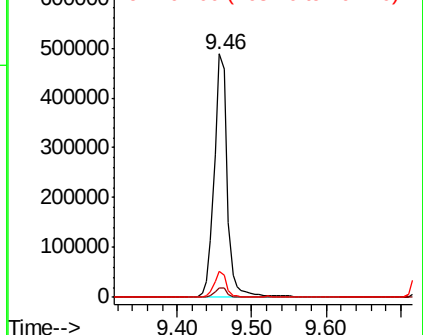
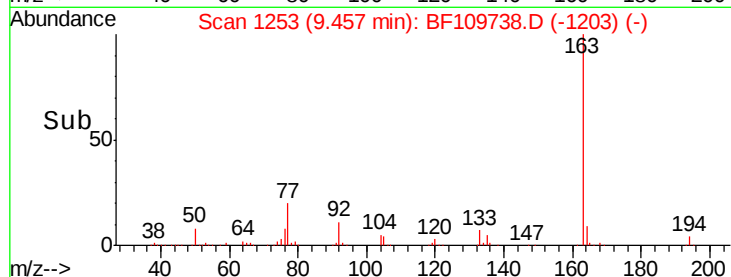
#49
Dimethylphthalate
Concen: 38.774 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF109738.D
Acq: 10 Oct 2018 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 595042
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.6 8.1 12.1

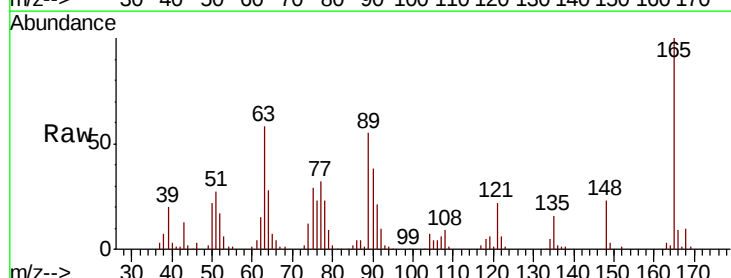


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

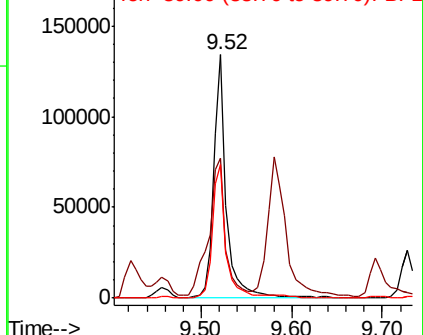
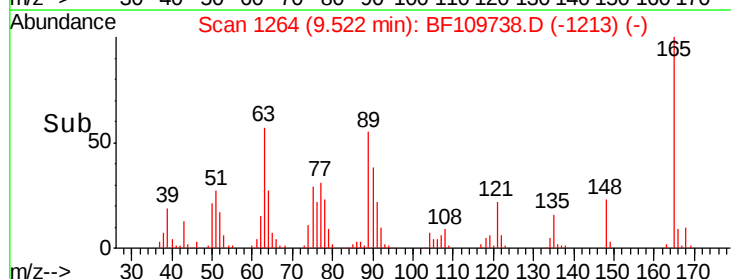


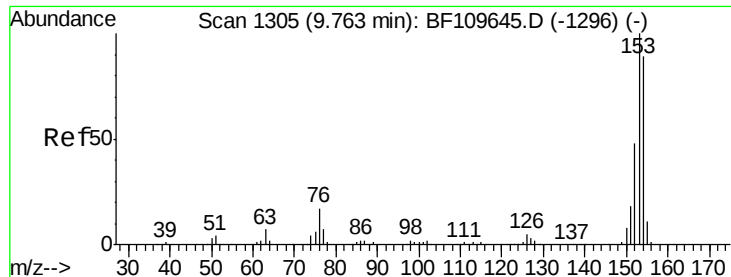
#50
2,6-Dinitrotoluene
Concen: 39.746 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BF109738.D
Acq: 10 Oct 2018 13:07

Tgt Ion:165 Resp: 132218
Ion Ratio Lower Upper
165 100
63 57.7 48.9 73.3
89 55.0 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: 37.345 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF109738.D

Acq: 10 Oct 2018 13:07

Instrument :

BNA_F

ClientSampleId :

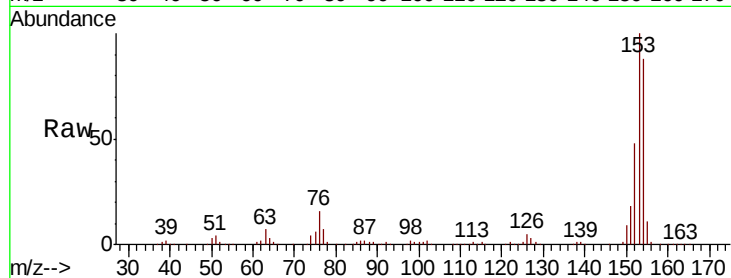
Tot Ion:154 Resp: 451990

Ion Ratio Lower Upper

154 100

153 114.2 90.1 135.1

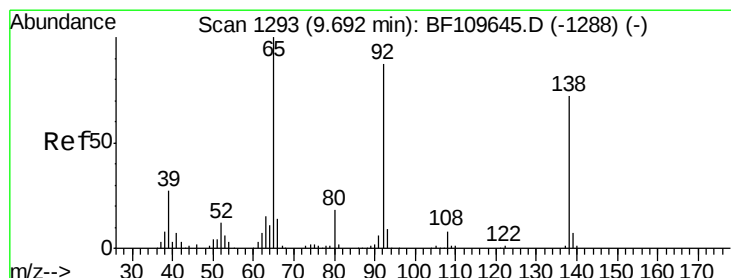
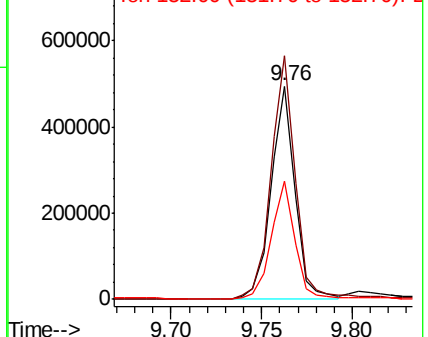
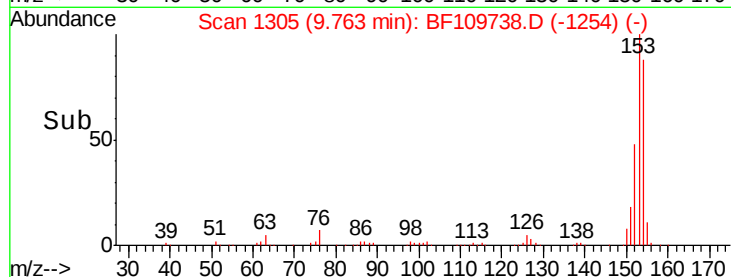
152 55.1 43.4 65.2



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: 39.788 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF109738.D

Acq: 10 Oct 2018 13:07

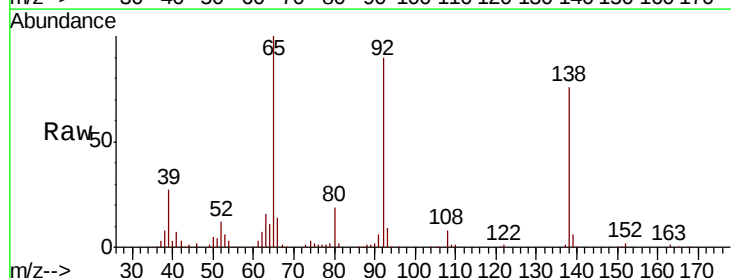
Tgt Ion:138 Resp: 148366

Ion Ratio Lower Upper

138 100

108 10.6 8.7 13.1

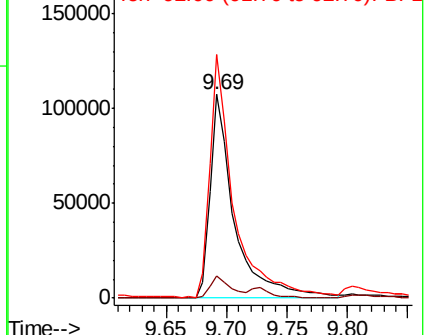
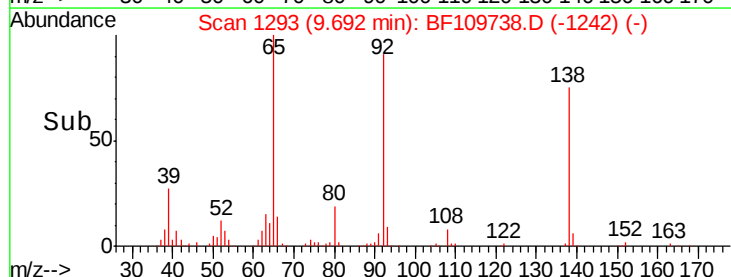
92 119.4 97.0 145.4

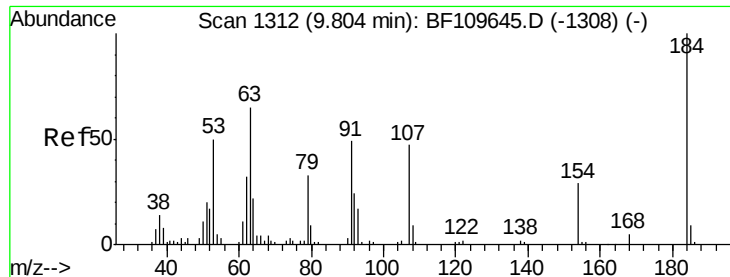


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

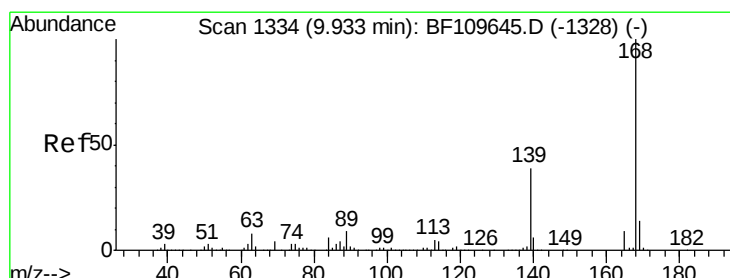
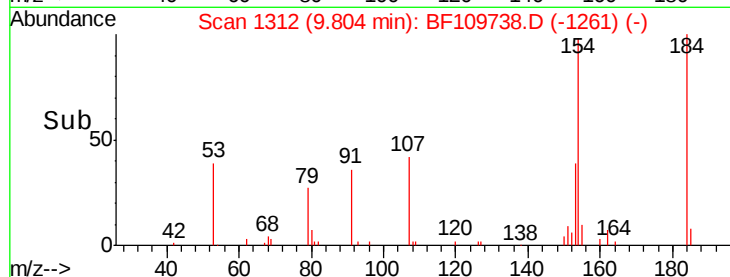
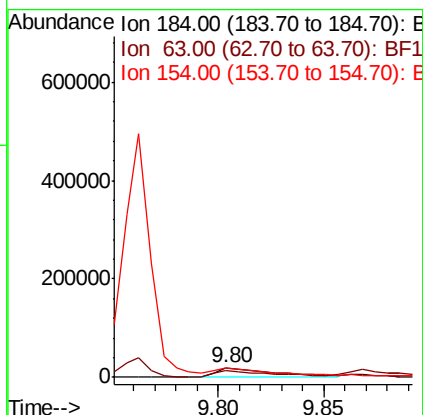
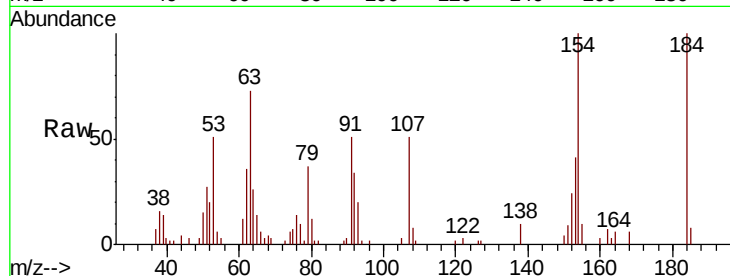




#53
 2,4-Dinitrophenol
 Concen: 34.636 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF109738.D
 Acq: 10 Oct 2018 13:07

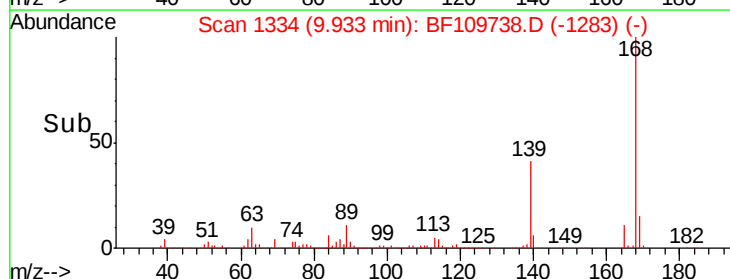
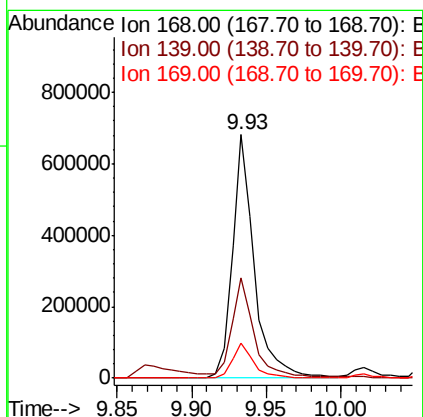
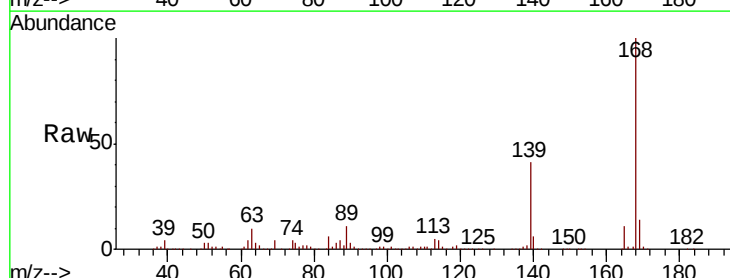
Instrument :
 BNA_F
 ClientSampleId :

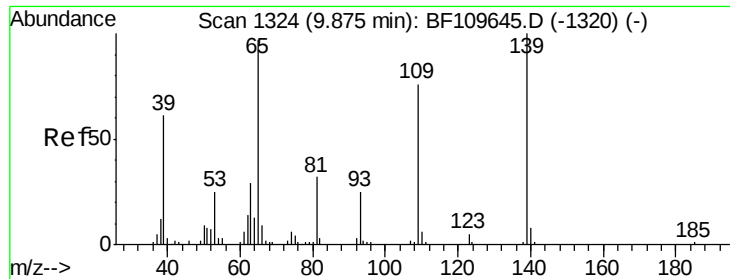
Tot Ion:184 Resp: 37174
 Ion Ratio Lower Upper
 184 100
 63 73.2 55.8 83.6
 154 100.0 63.2 94.8#



#54
 Dibenzofuran
 Concen: 38.661 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF109738.D
 Acq: 10 Oct 2018 13:07

Tgt Ion:168 Resp: 701399
 Ion Ratio Lower Upper
 168 100
 139 41.0 33.0 49.6
 169 14.5 11.3 16.9

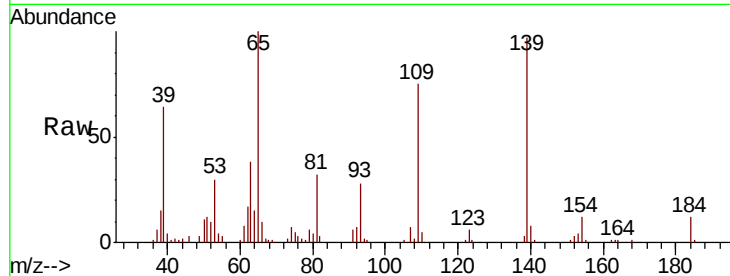




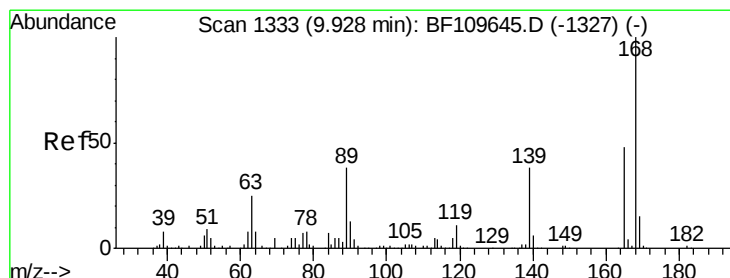
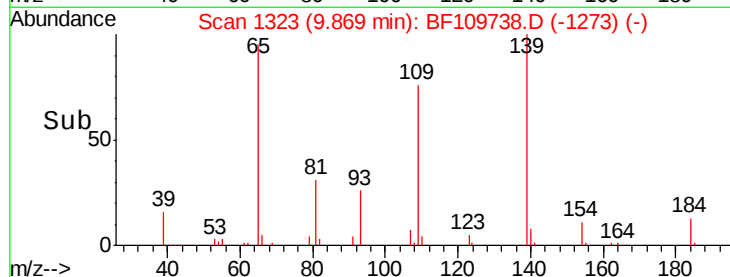
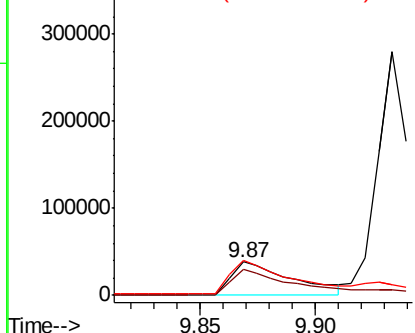
#55
4-Nitrophenol
Concen: 34.171 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF109738.D
Acq: 10 Oct 2018 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 69746
Ion Ratio Lower Upper
139 100
109 77.1 55.8 95.8
65 103.3 77.9 117.9

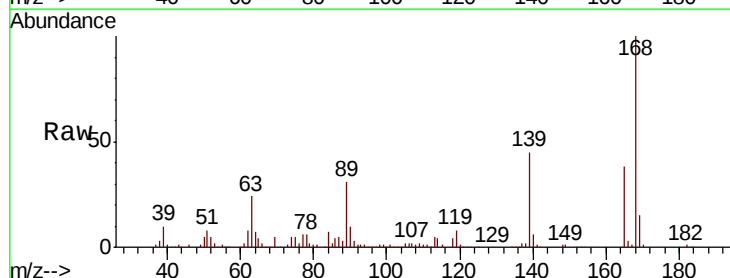


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

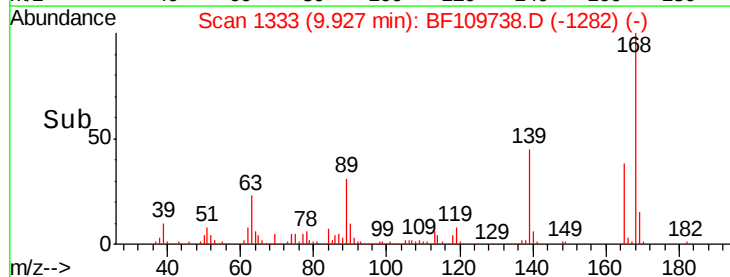
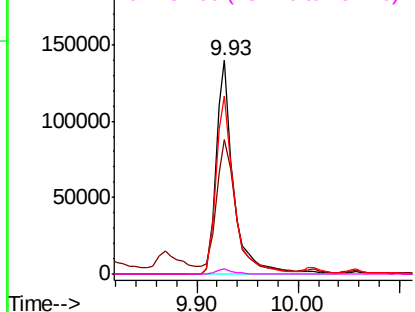


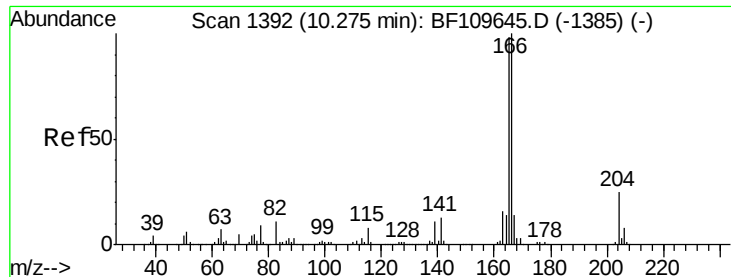
#56
2,4-Dinitrotoluene
Concen: 39.983 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF109738.D
Acq: 10 Oct 2018 13:07

Tgt Ion:165 Resp: 165987
Ion Ratio Lower Upper
165 100
63 62.8 44.8 67.2
89 83.3 62.2 93.4
182 2.3 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

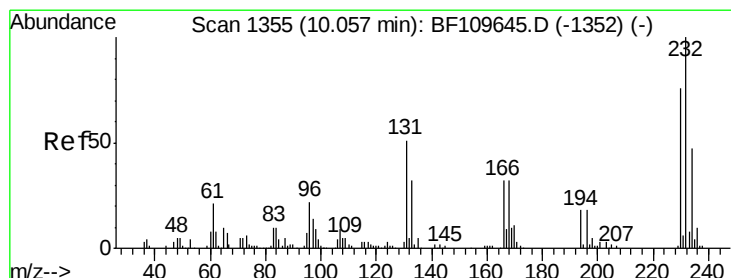
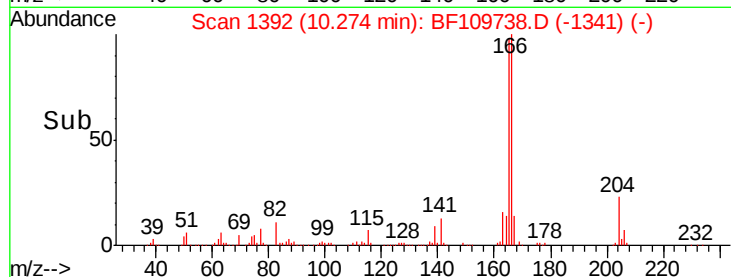
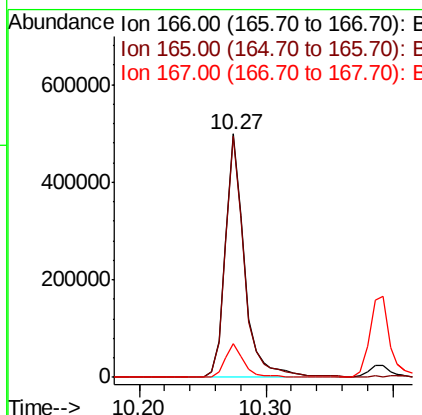
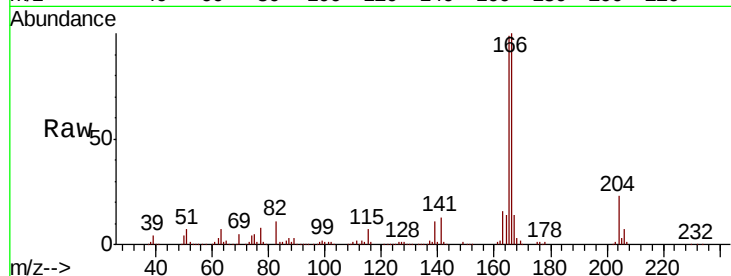




#57
Fluorene
 Concen: 38.324 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: BF109738.D
 Acq: 10 Oct 2018 13:07

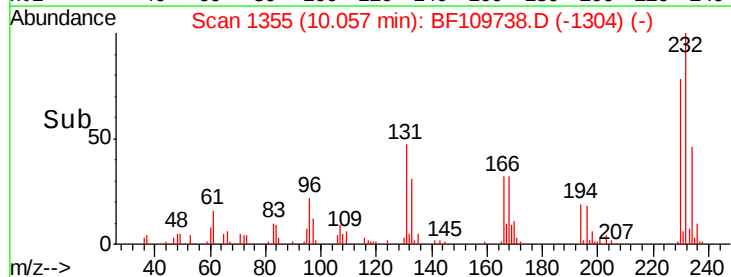
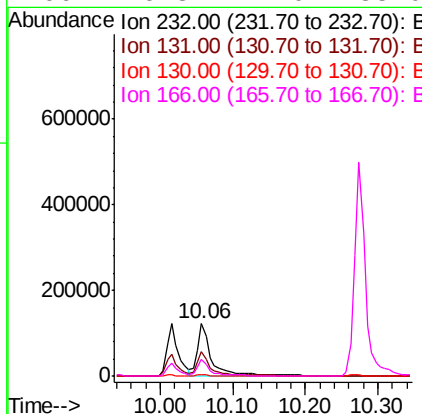
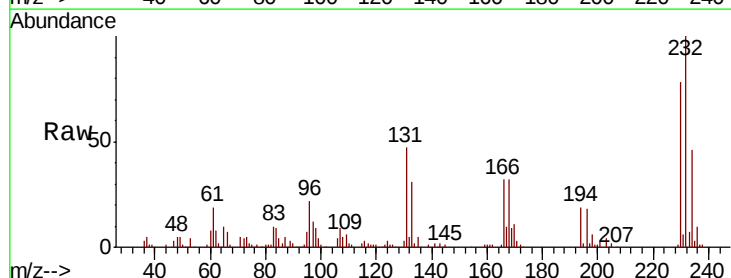
Instrument :
 BNA_F
 ClientSampleId :

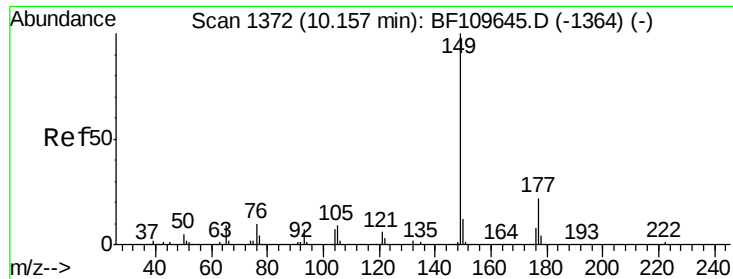
Tot Ion:166 Resp: 519236
 Ion Ratio Lower Upper
 166 100
 165 99.2 78.6 117.8
 167 13.7 10.8 16.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 40.906 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.00 min
 Lab File: BF109738.D
 Acq: 10 Oct 2018 13:07

Tgt Ion:232 Resp: 162795
 Ion Ratio Lower Upper
 232 100
 131 43.8 37.0 55.4
 130 2.1 1.8 2.6
 166 26.3 22.0 33.0

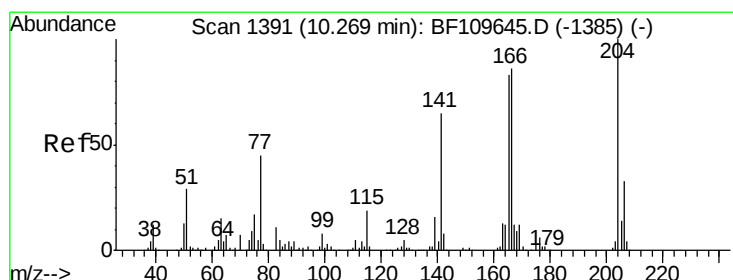
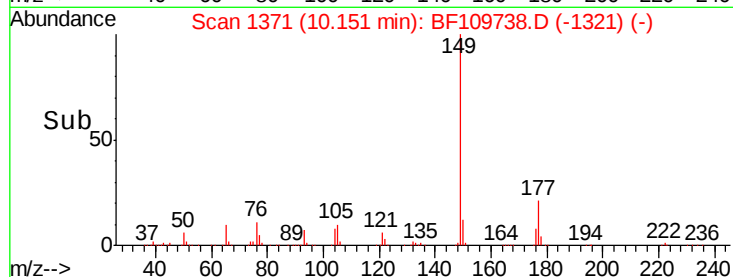
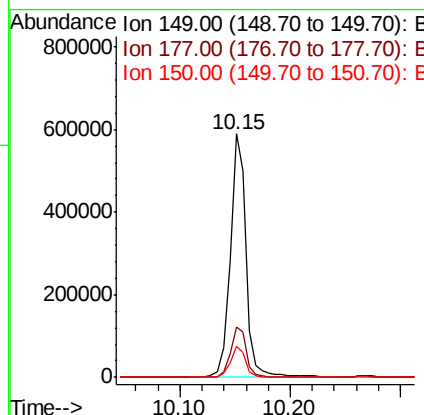
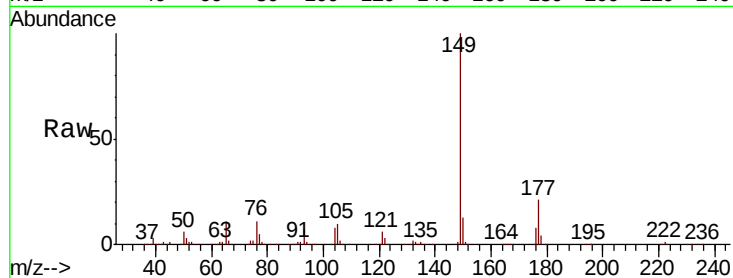




#59
Diethylphthalate
Concen: 38.789 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF109738.D
Acq: 10 Oct 2018 13:07

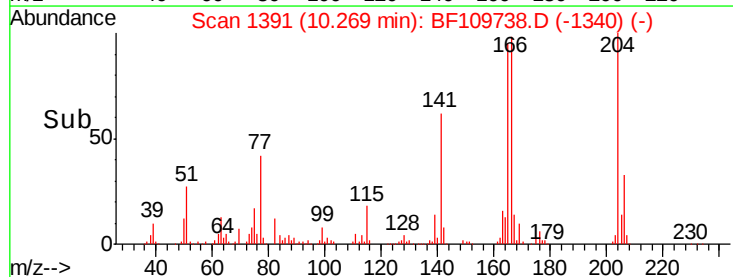
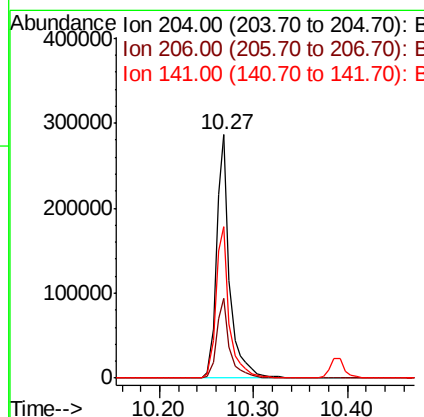
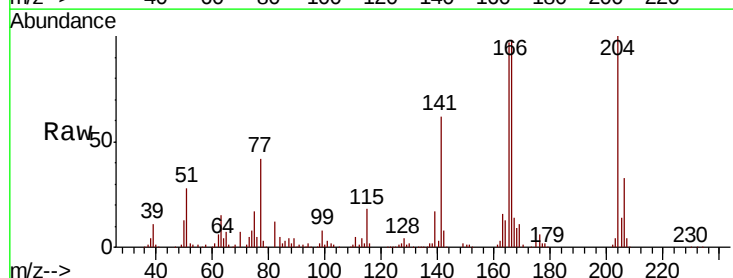
Instrument :
BNA_F
ClientSampleId :

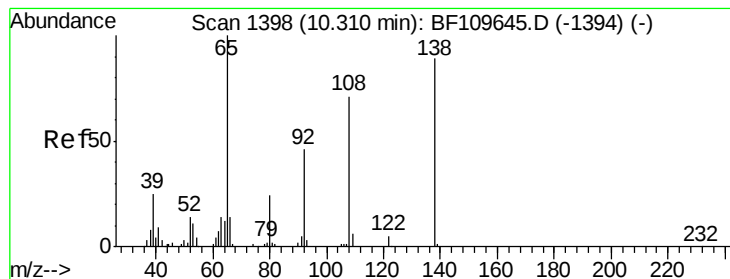
Tot Ion:149 Resp: 589793
Ion Ratio Lower Upper
149 100
177 20.7 17.4 26.2
150 12.5 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 39.674 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF109738.D
Acq: 10 Oct 2018 13:07

Tgt Ion:204 Resp: 283574
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 62.0 51.8 77.8





#61

4-Nitroaniline

Concen: 41.647 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.00 min

Lab File: BF109738.D

Acq: 10 Oct 2018 13:07

Instrument :

BNA_F

ClientSampled :

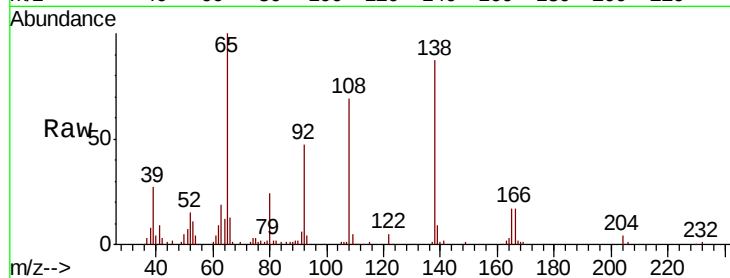
Tot Ion:138 Resp: 143821

Ion Ratio Lower Upper

138 100

92 54.2 31.7 71.7

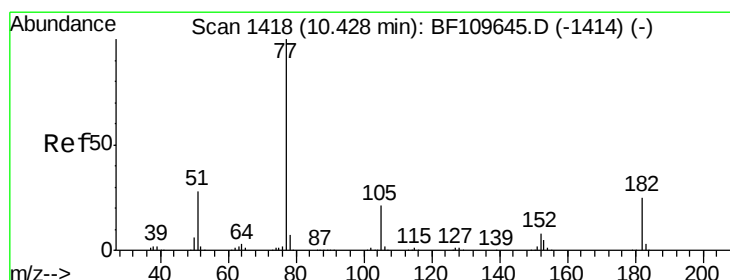
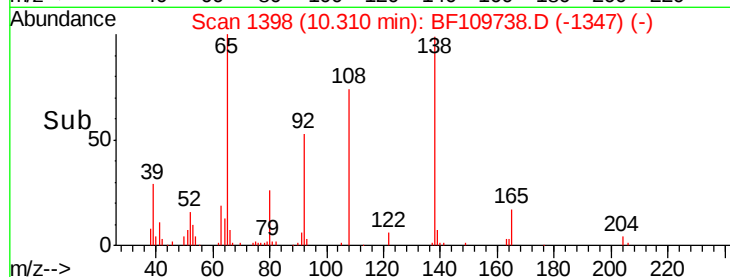
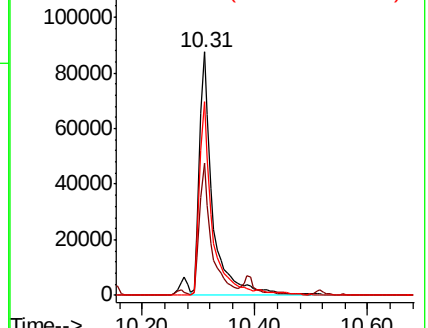
108 79.3 59.3 99.3



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: 39.697 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BF109738.D

Acq: 10 Oct 2018 13:07

Tgt Ion: 77 Resp: 612956

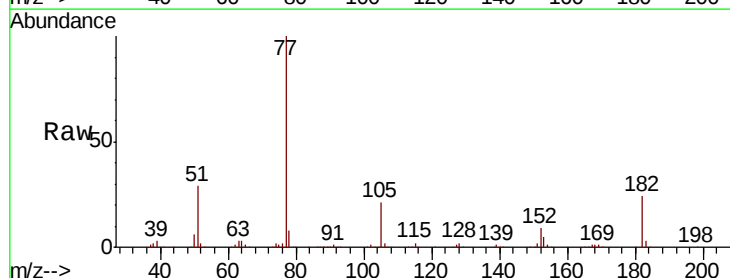
Ion Ratio Lower Upper

77 100

182 24.1 4.3 44.3

105 21.0 1.3 41.3

51 28.9 9.0 49.0

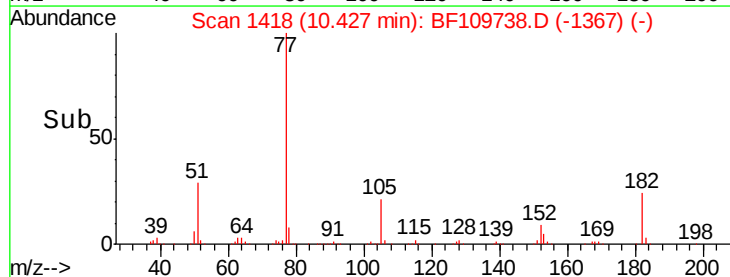
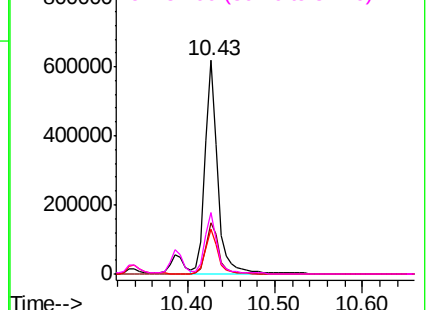


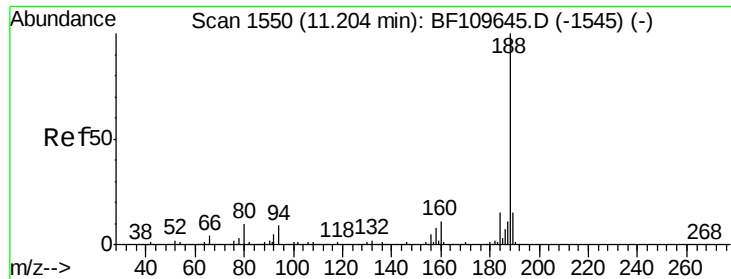
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

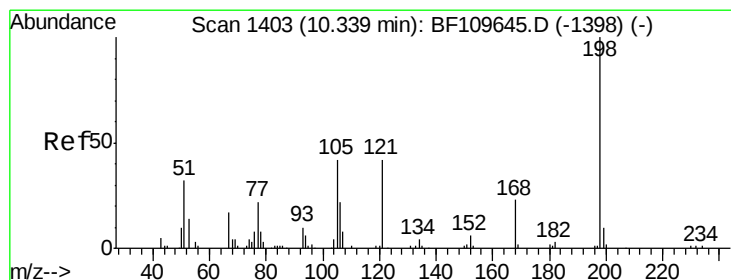
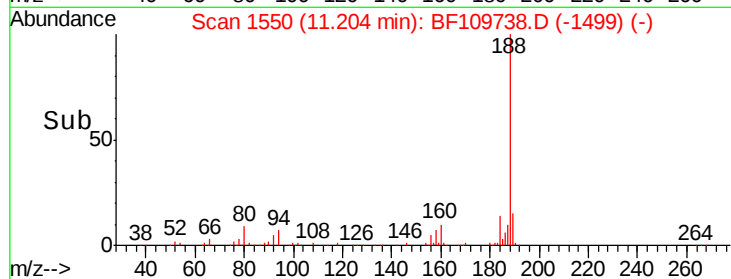
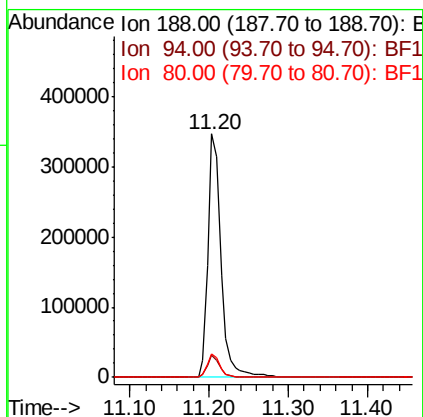
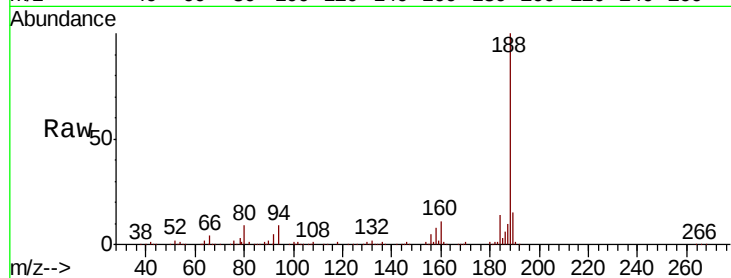




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109738.D
Acq: 10 Oct 2018 13:07

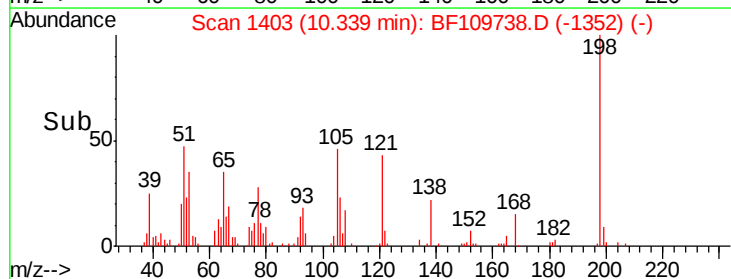
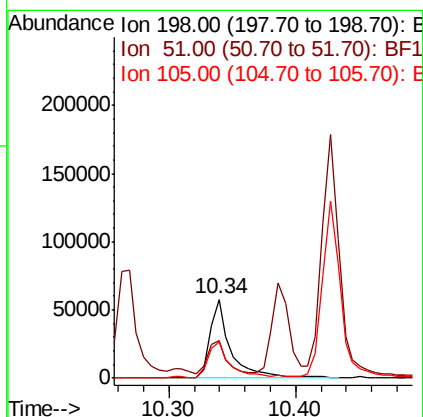
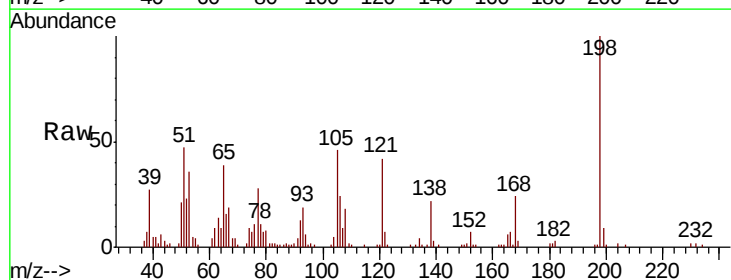
Instrument :
BNA_F
ClientSampleId :

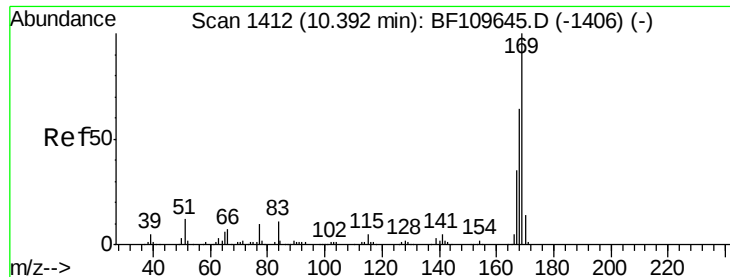
Tot Ion:188 Resp: 400483
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 9.5 7.9 11.9



#64
4,6-Dinitro-2-methylphenol
Concen: 34.142 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF109738.D
Acq: 10 Oct 2018 13:07

Tgt Ion:198 Resp: 66552
Ion Ratio Lower Upper
198 100
51 47.4 22.8 62.8
105 45.5 23.6 63.6

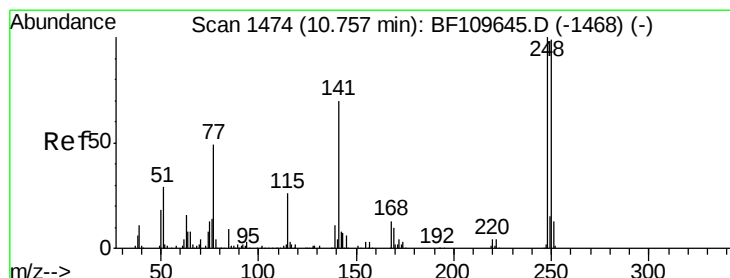
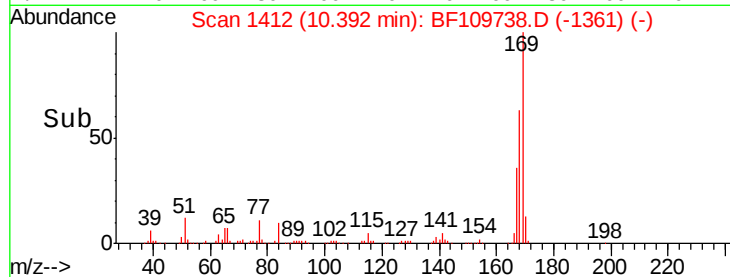
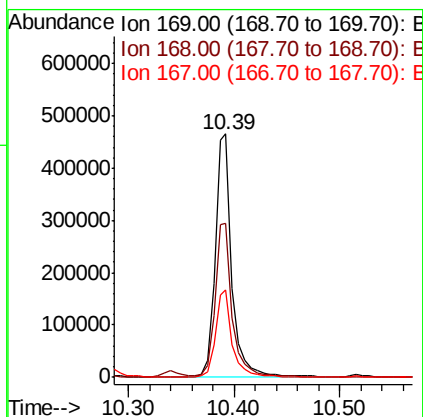
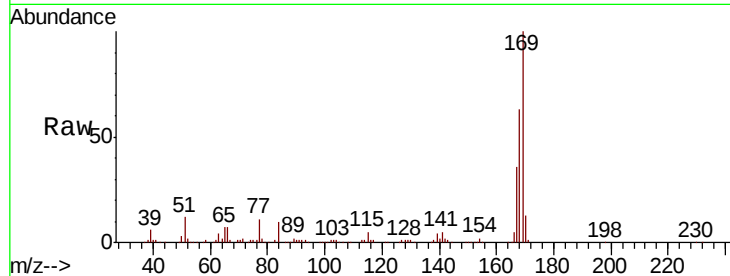




#65
 n-Nitrosodiphenylamine
 Concen: 38.314 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: BF109738.D
 Acq: 10 Oct 2018 13:07

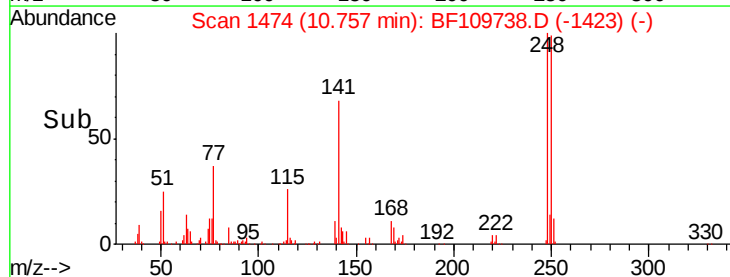
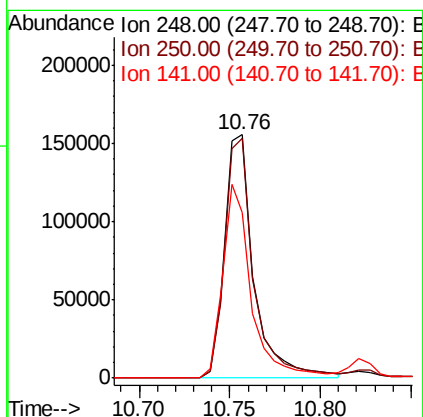
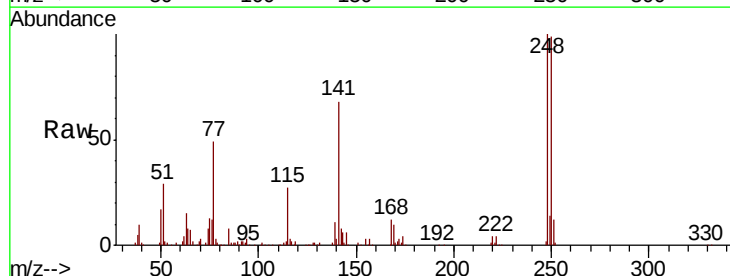
Instrument :
 BNA_F
 ClientSampleId :

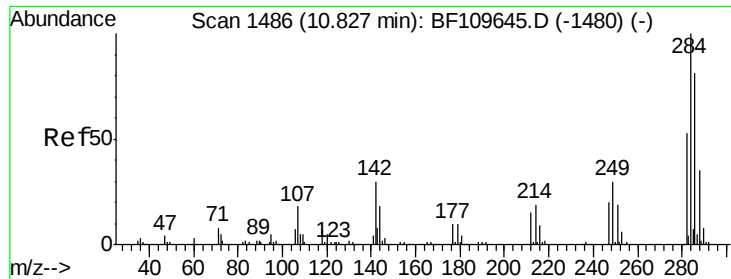
Tot Ion:169 Resp: 520165
 Ion Ratio Lower Upper
 169 100
 168 63.5 51.2 76.8
 167 36.0 27.8 41.6



#66
 4-Bromophenyl-phenylether
 Concen: 38.359 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. -0.00 min
 Lab File: BF109738.D
 Acq: 10 Oct 2018 13:07

Tgt Ion:248 Resp: 176512
 Ion Ratio Lower Upper
 248 100
 250 98.7 79.4 119.2
 141 67.9 55.9 83.9





#67

Hexachlorobenzene

Concen: 38.242 ng

RT: 10.83 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BF109738.D

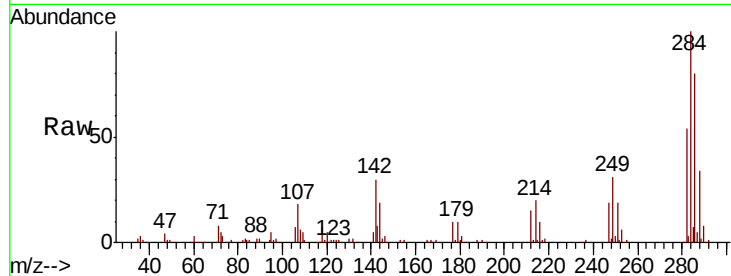
Acq: 10 Oct 2018 13:07

Instrument :

BNA_F

ClientSampled :

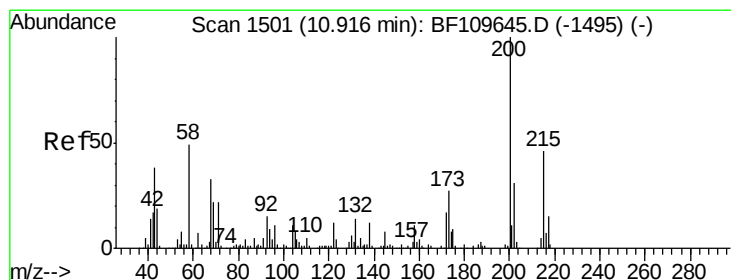
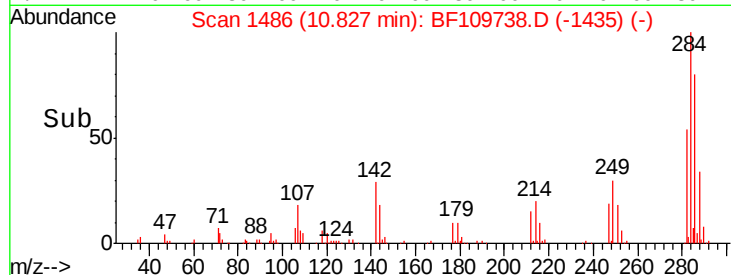
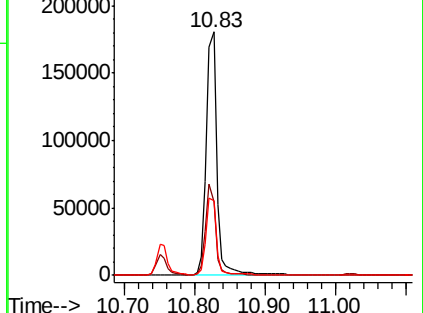
Tot Ion:	284	Resp:	190556
Ion	Ratio	Lower	Upper
284	100		
142	30.2	23.9	35.9
249	30.7	24.2	36.2



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: 37.942 ng

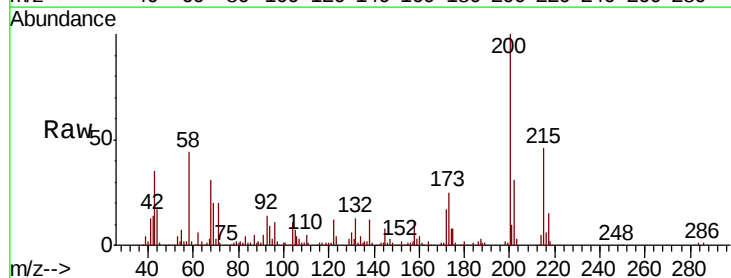
RT: 10.92 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BF109738.D

Acq: 10 Oct 2018 13:07

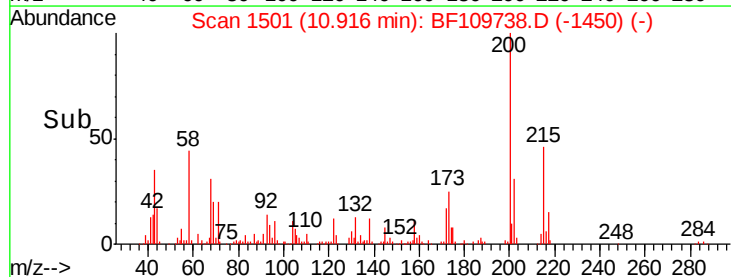
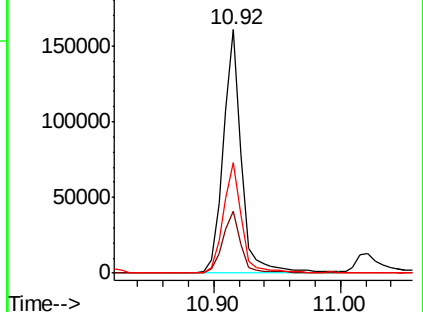
Tgt Ion:	200	Resp:	160757
Ion	Ratio	Lower	Upper
200	100		
173	25.5	6.6	46.6
215	45.5	26.3	66.3

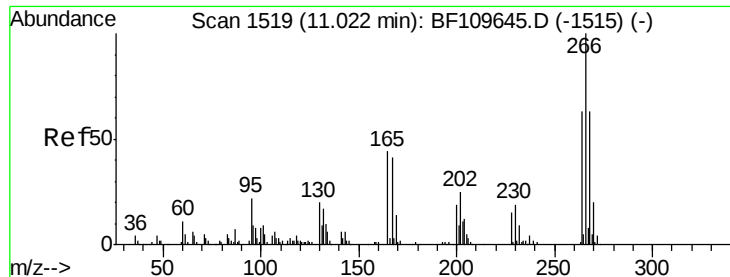


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

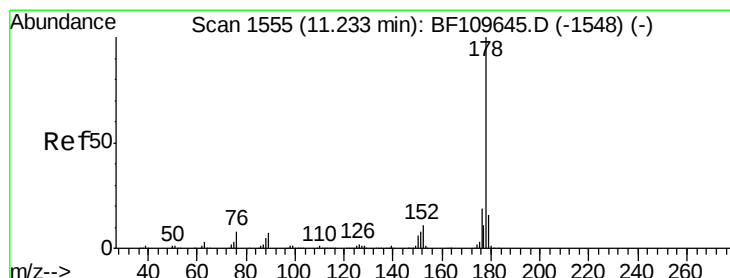
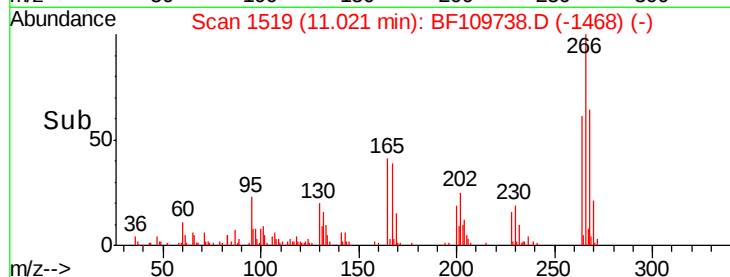
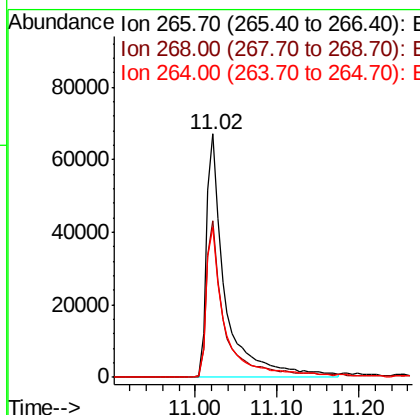
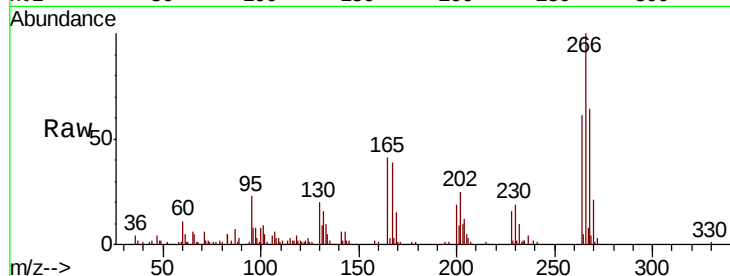




#69
 Pentachlorophenol
 Concen: 38.215 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BF109738.D
 Acq: 10 Oct 2018 13:07

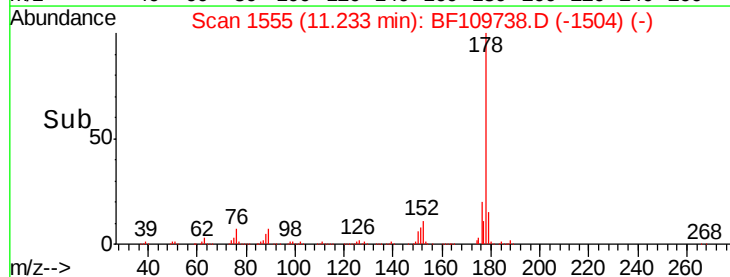
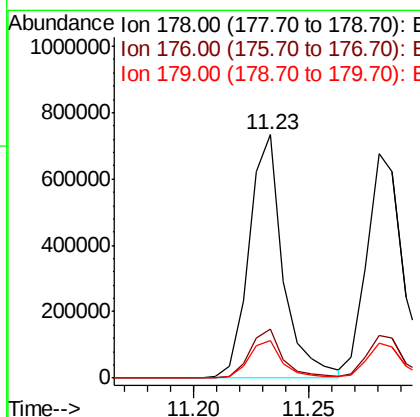
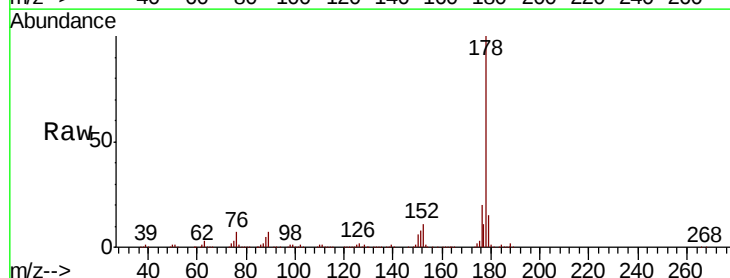
Instrument :
 BNA_F
 ClientSampleId :

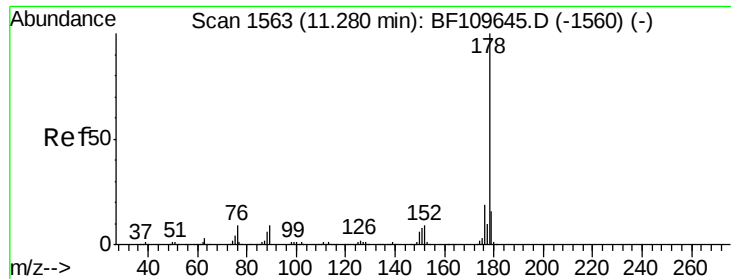
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.2	50.6	75.8
264	61.5	50.6	75.8



#70
 Phenanthrene
 Concen: 37.766 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: BF109738.D
 Acq: 10 Oct 2018 13:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.5	23.3
179	15.2	12.5	18.7

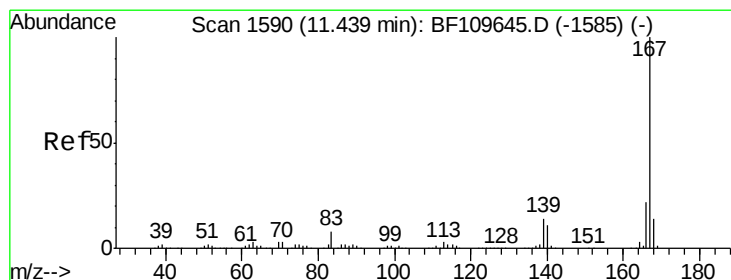
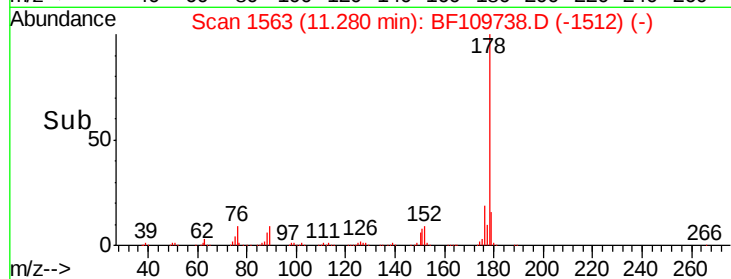
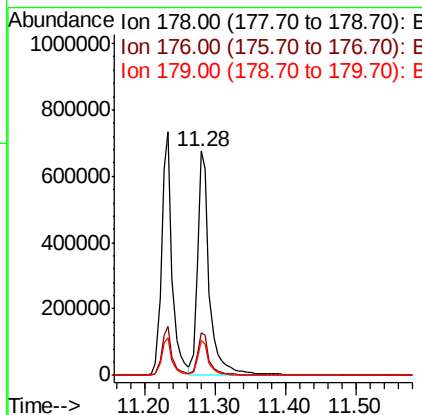
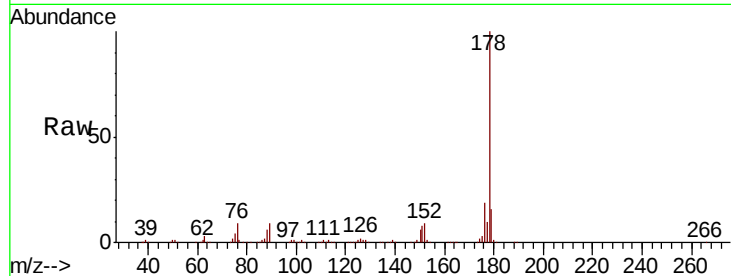




#71
 Anthracene
 Concen: 39.310 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BF109738.D
 Acq: 10 Oct 2018 13:07

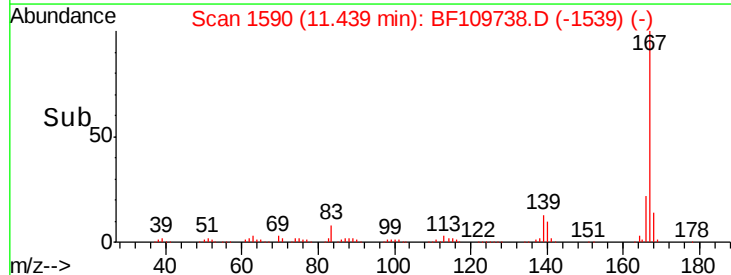
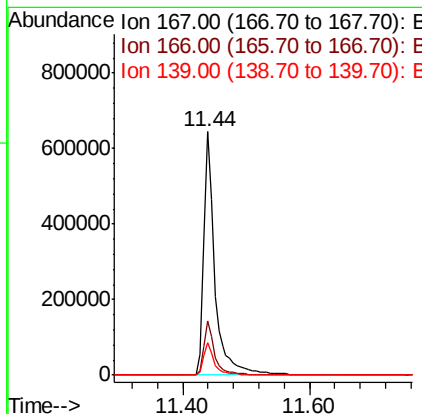
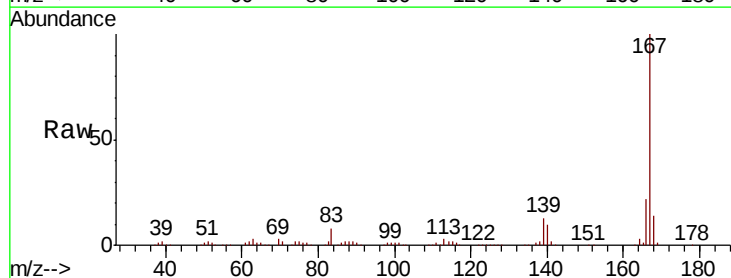
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 814399
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.5 12.6 18.8



#72
 Carbazole
 Concen: 39.021 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF109738.D
 Acq: 10 Oct 2018 13:07

Tgt Ion:167 Resp: 784077
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.4 26.0
 139 13.5 10.9 16.3

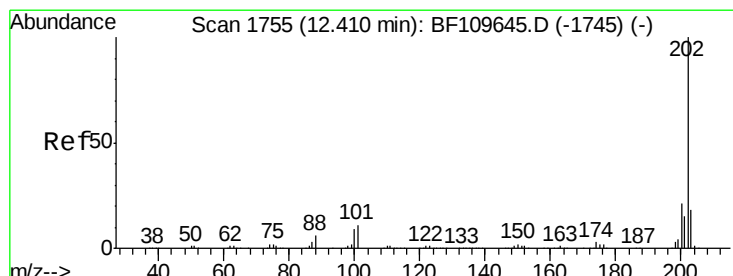
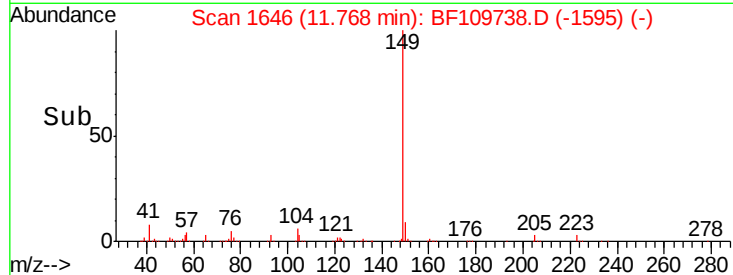
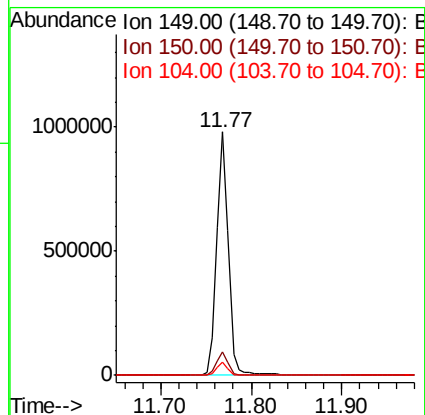
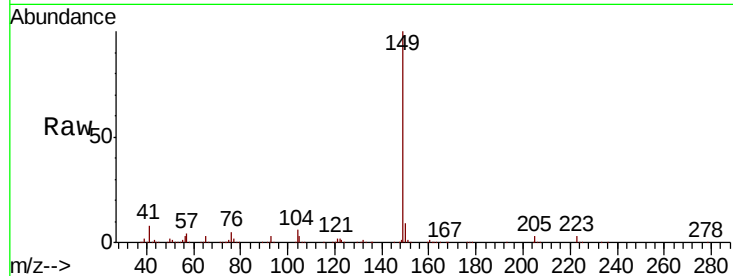




#73
Di-n-butylphthalate
Concen: 38.054 ng
RT: 11.77 min Scan# 1646
Delta R.T. -0.00 min
Lab File: BF109738.D
Acq: 10 Oct 2018 13:07

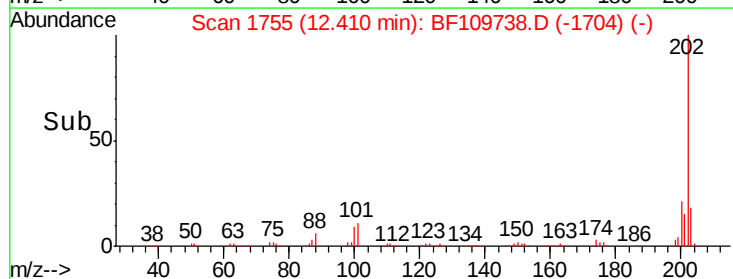
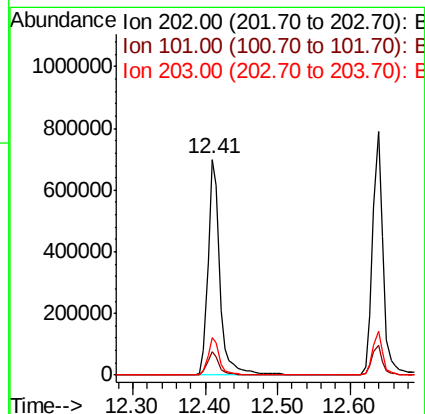
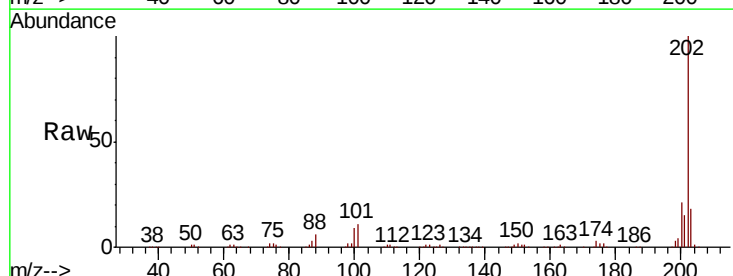
Instrument :
BNA_F
ClientSampled :

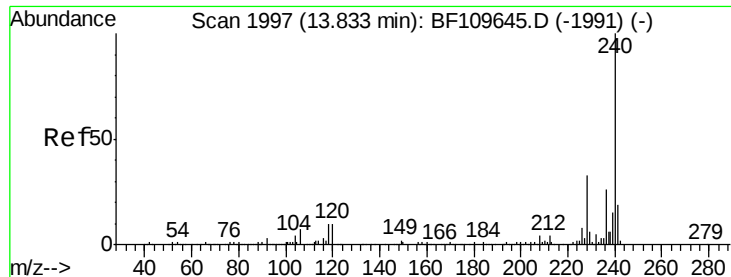
Tot Ion:149 Resp: 886856
Ion Ratio Lower Upper
149 100
150 9.5 7.7 11.5
104 5.5 4.2 6.4



#74
Fluoranthene
Concen: 37.849 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BF109738.D
Acq: 10 Oct 2018 13:07

Tgt Ion:202 Resp: 792448
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.4
203 17.7 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: BF109738.D

Acq: 10 Oct 2018 13:07

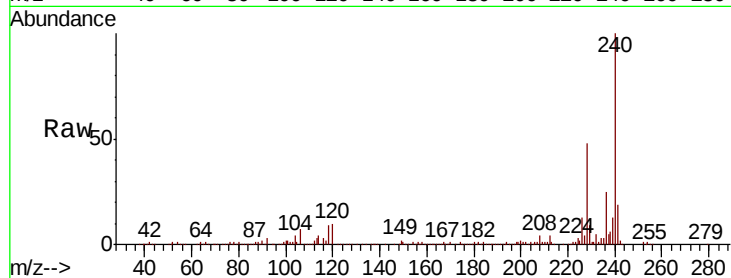
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 268945

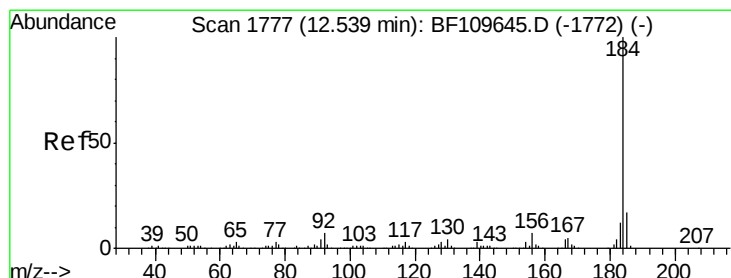
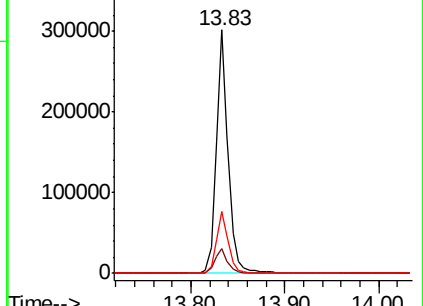
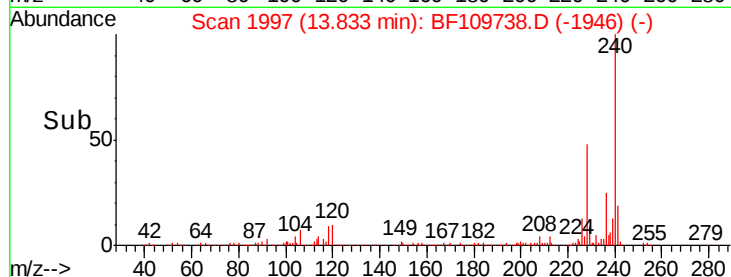
Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.3	12.5
236	25.5	21.2	31.8



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: 38.677 ng

RT: 12.54 min Scan# 1777

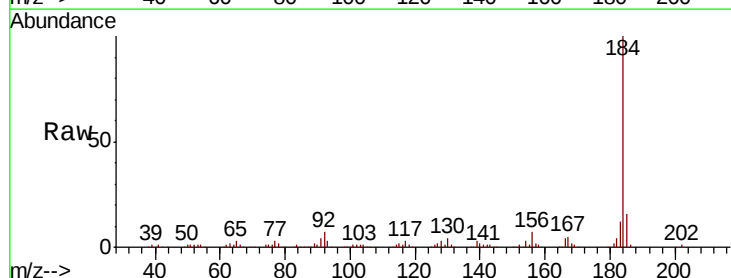
Delta R.T. -0.00 min

Lab File: BF109738.D

Acq: 10 Oct 2018 13:07

Tgt Ion:184 Resp: 386409

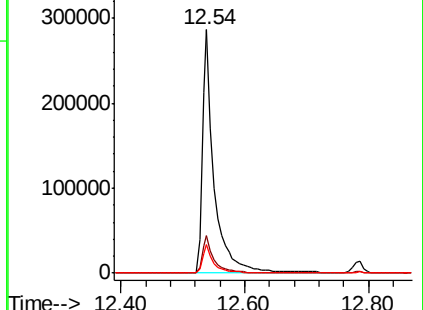
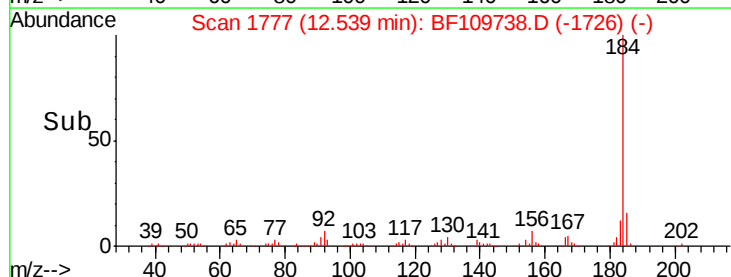
Ion	Ratio	Lower	Upper
184	100		
185	15.6	13.4	20.2
183	11.8	9.4	14.2

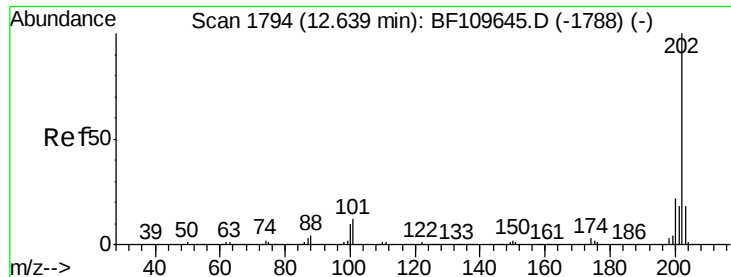


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

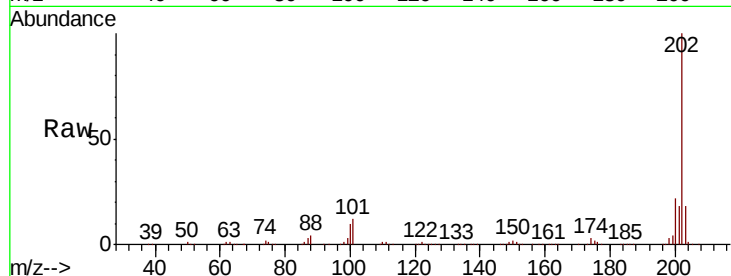




#77
Pvrene
Concen: 40.680 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BF109738.D
Acq: 10 Oct 2018 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.8	26.6
203	17.8	14.2	21.4

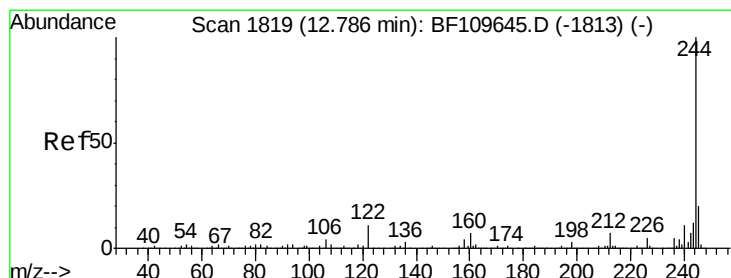
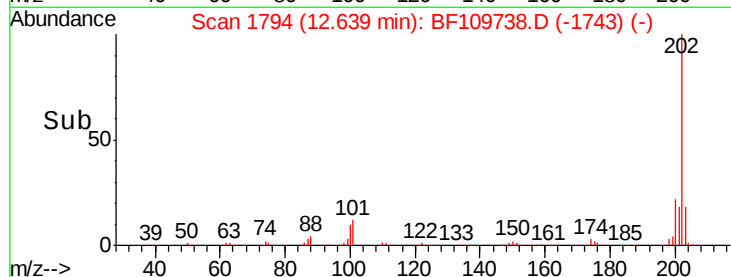
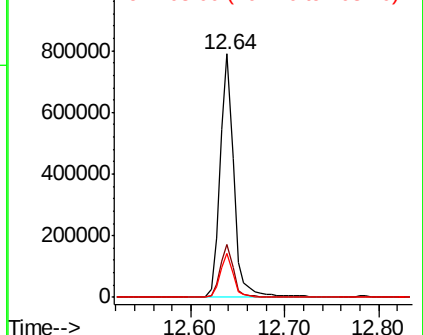


Abundance

Ion 202.00 (201.70 to 202.70): E

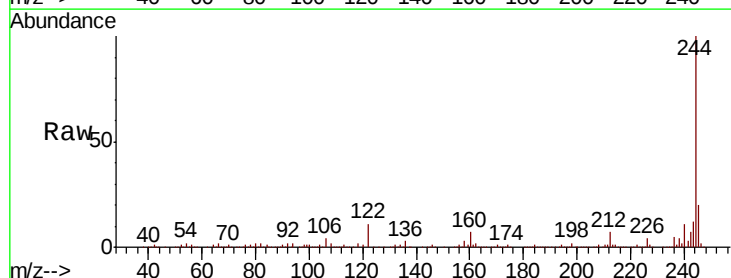
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 79.575 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BF109738.D
Acq: 10 Oct 2018 13:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	11.1	8.7	13.1

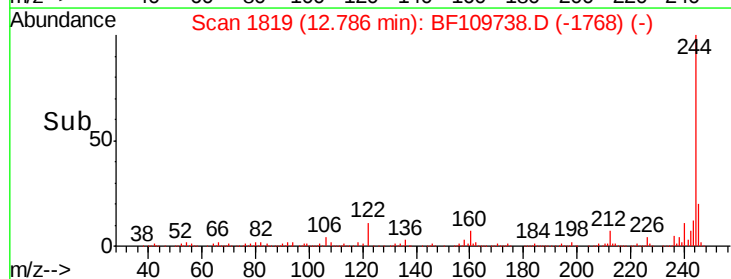
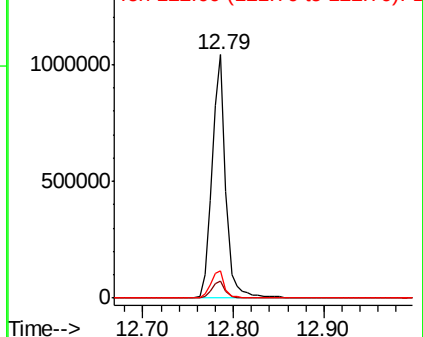


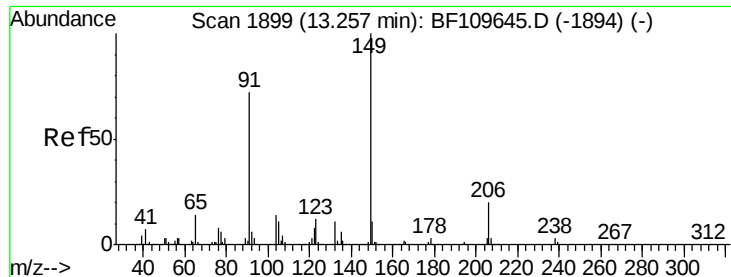
Abundance

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

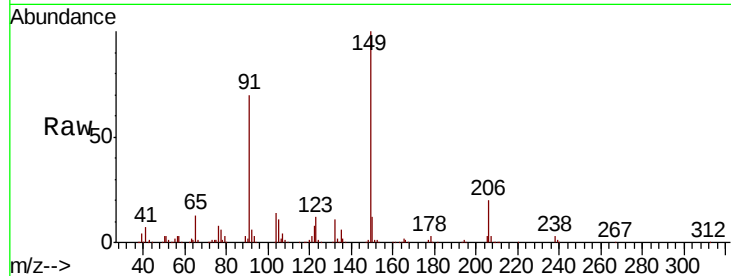




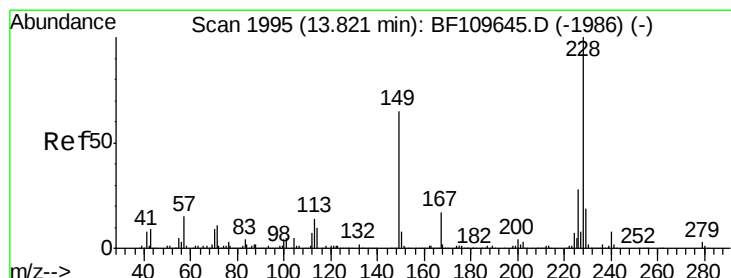
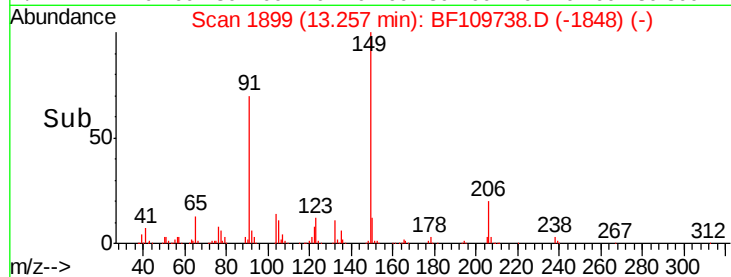
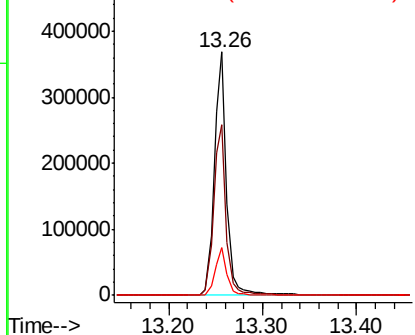
#79
Butylbenzylphthalate
Concen: 39.925 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.00 min
Lab File: BF109738.D
Acq: 10 Oct 2018 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 341080
Ion Ratio Lower Upper
149 100
91 70.3 57.2 85.8
206 19.6 15.7 23.5

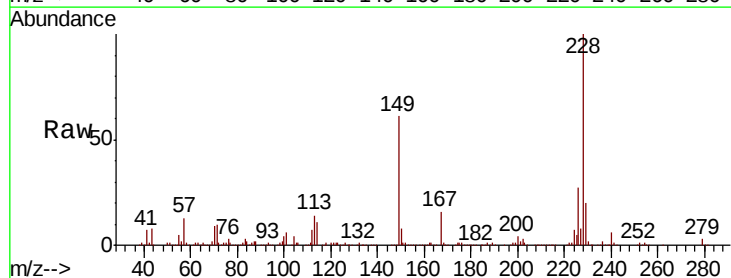


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

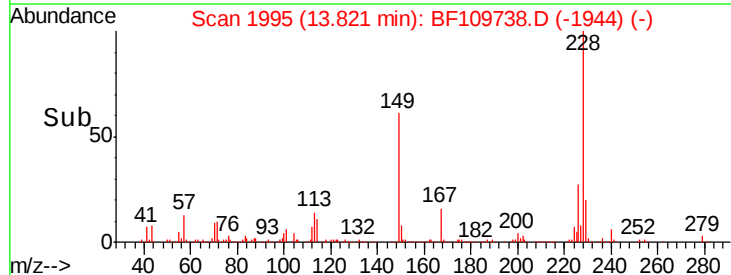
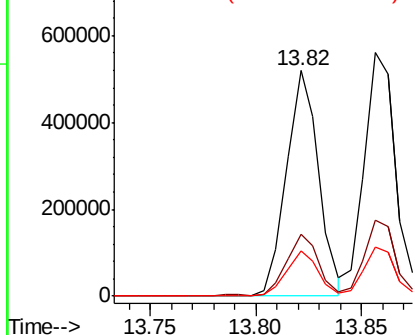


#80
Benzo(a)anthracene
Concen: 37.219 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF109738.D
Acq: 10 Oct 2018 13:07

Tgt Ion:228 Resp: 552384
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 20.2 15.6 23.4



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

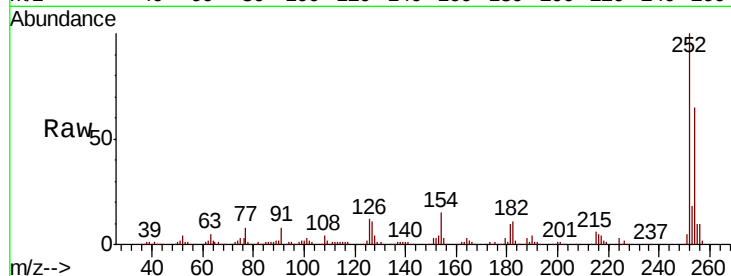




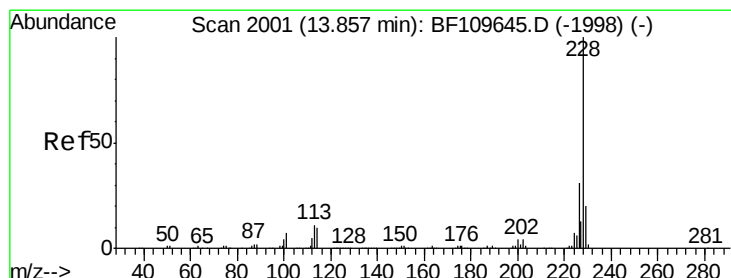
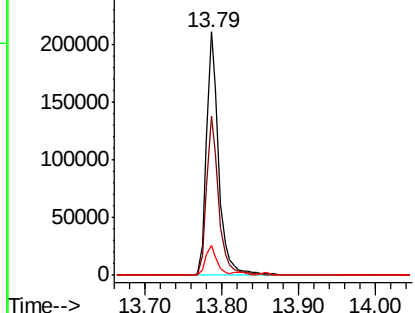
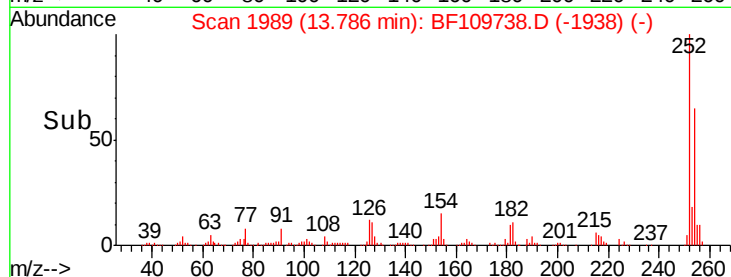
#81
 3,3'-Dichlorobenzidine
 Concen: 38.933 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF109738.D
 Acq: 10 Oct 2018 13:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.3	76.9
126	12.2	9.4	14.2

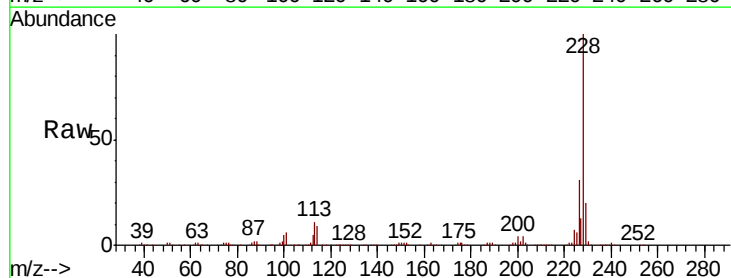


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

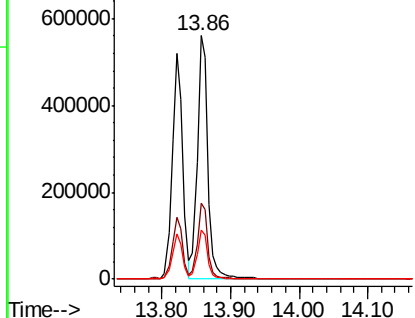
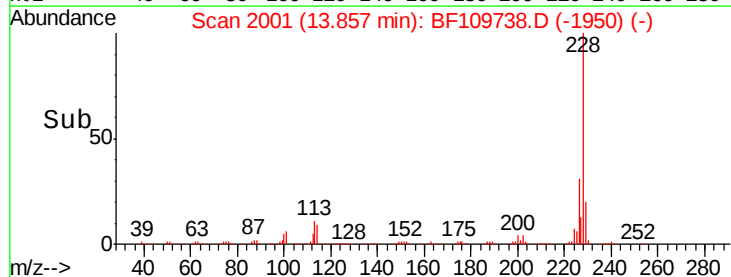


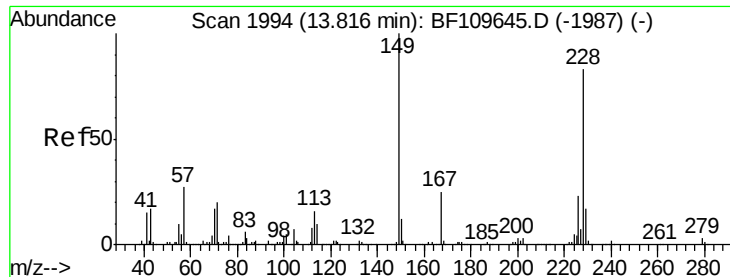
#82
 Chrysene
 Concen: 39.101 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF109738.D
 Acq: 10 Oct 2018 13:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.7	37.1
229	20.2	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

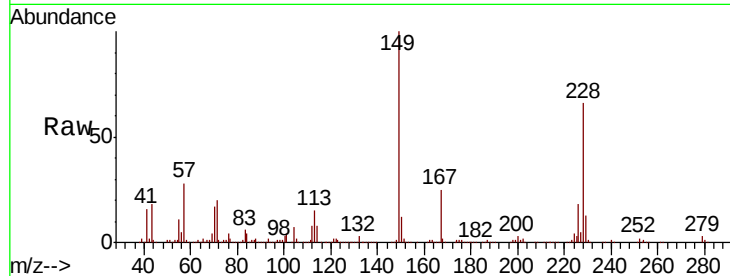




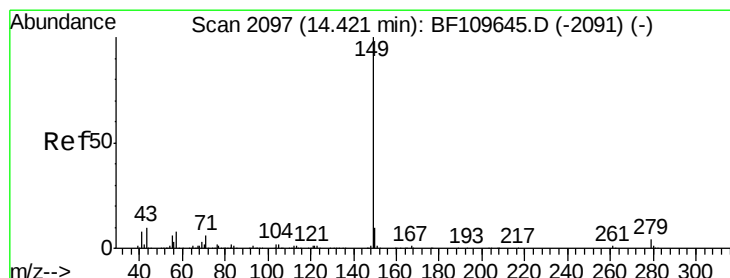
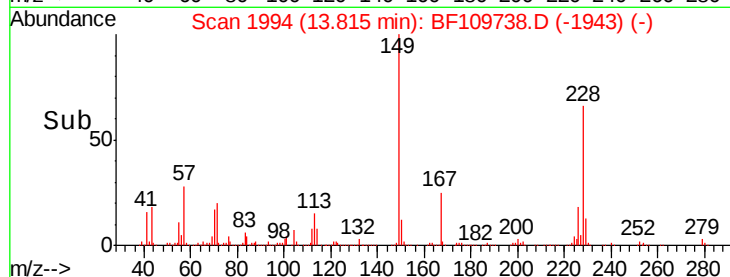
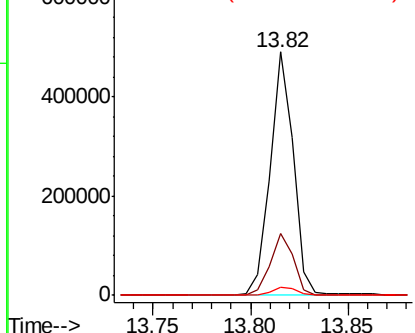
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.750 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BF109738.D
 Acq: 10 Oct 2018 13:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 403889
 Ion Ratio Lower Upper
 149 100
 167 25.4 19.8 29.8
 279 3.5 2.7 4.1

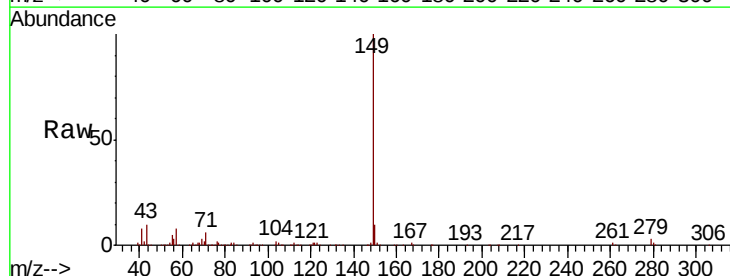


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

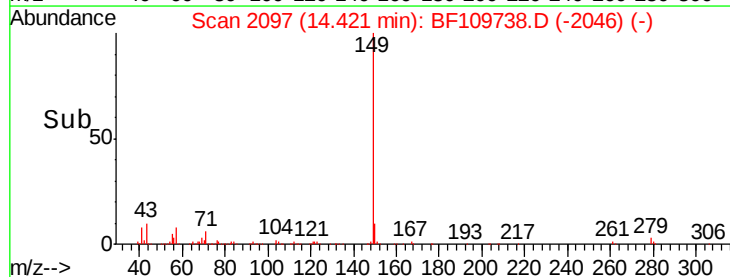
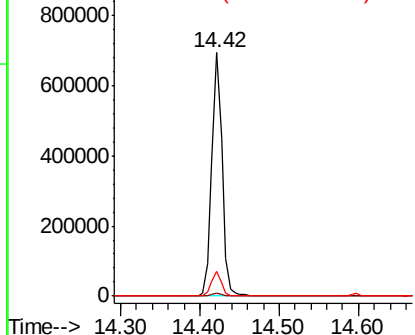


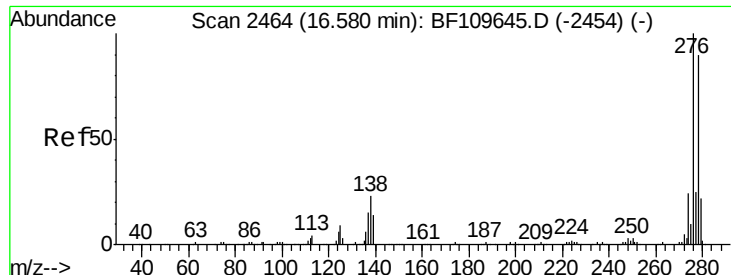
#84
 Di-n-octyl phthalate
 Concen: 38.345 ng
 RT: 14.42 min Scan# 2097
 Delta R.T. -0.00 min
 Lab File: BF109738.D
 Acq: 10 Oct 2018 13:07

Tgt Ion:149 Resp: 631730
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 10.0 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

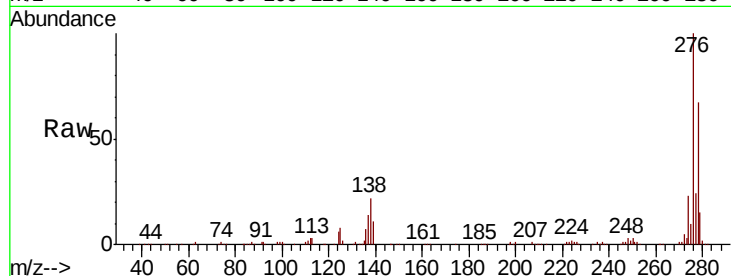




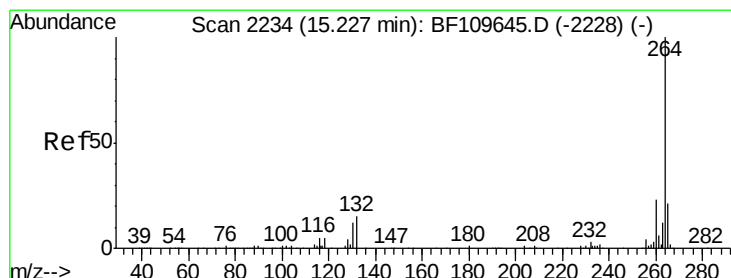
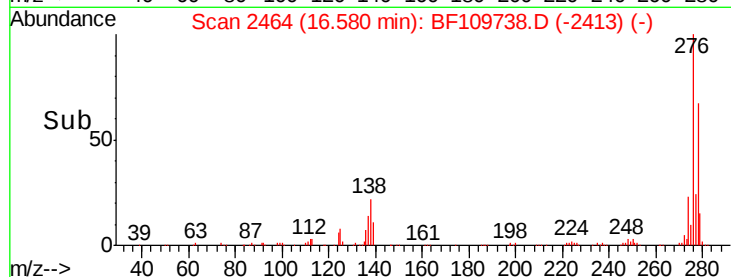
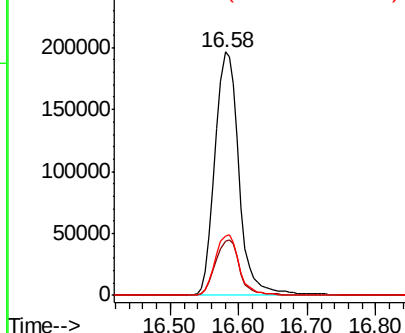
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.178 ng
RT: 16.58 min Scan# 2464
Delta R.T. -0.00 min
Lab File: BF109738.D
Acq: 10 Oct 2018 13:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:276 Resp: 481790
Ion Ratio Lower Upper
276 100
138 23.0 18.5 27.7
277 24.6 20.0 30.0

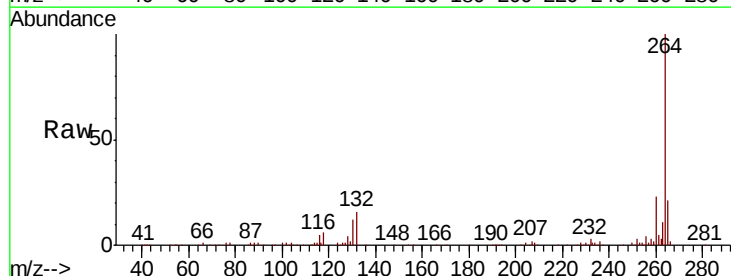


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

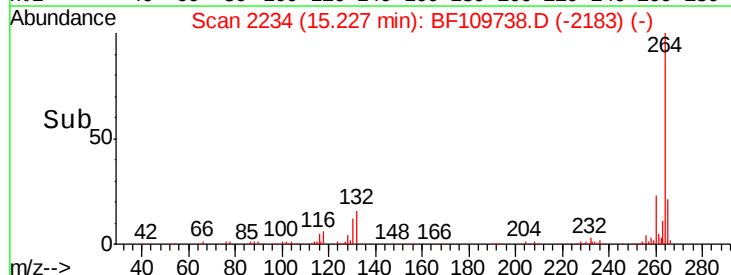
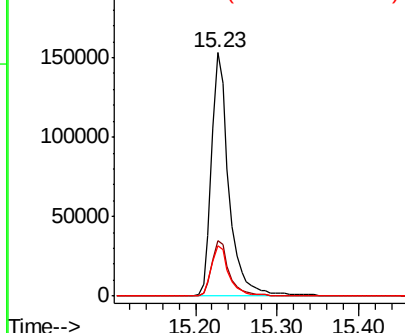


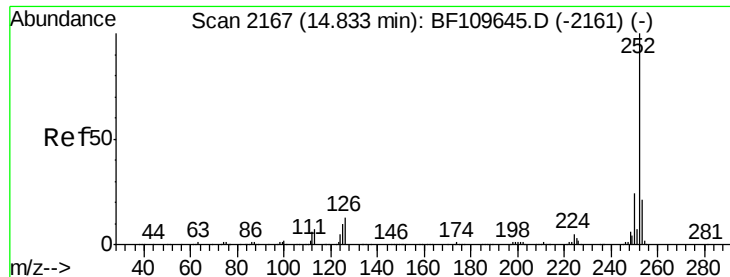
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF109738.D
Acq: 10 Oct 2018 13:07

Tgt Ion:264 Resp: 227720
Ion Ratio Lower Upper
264 100
260 22.6 18.7 28.1
265 20.6 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: 38.075 ng

RT: 14.83 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BF109738.D

Acq: 10 Oct 2018 13:07

Instrument :

BNA_F

ClientSampled :

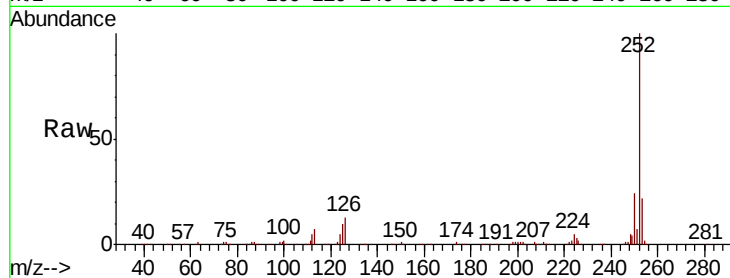
Tot Ion:252 Resp: 479144

Ion Ratio Lower Upper

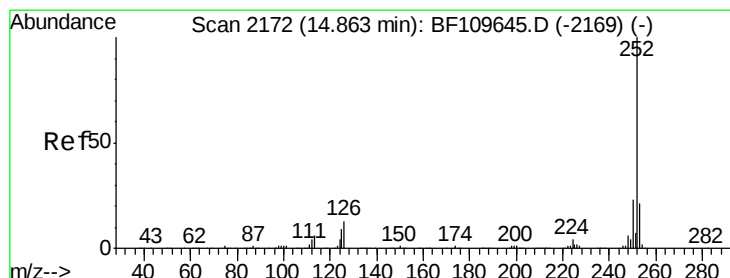
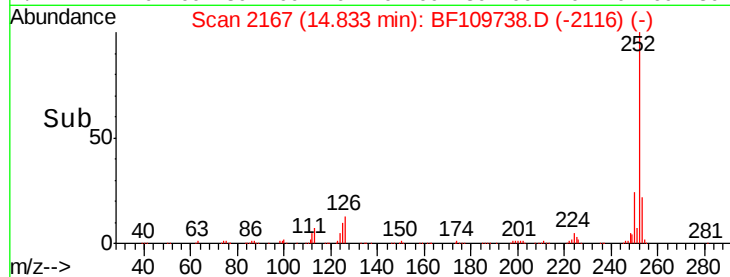
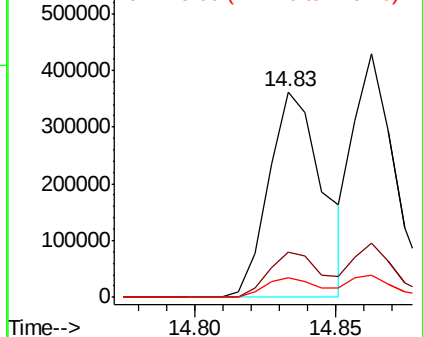
252 100

253 22.2 17.2 25.8

125 9.7 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 36.675 ng

RT: 14.86 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BF109738.D

Acq: 10 Oct 2018 13:07

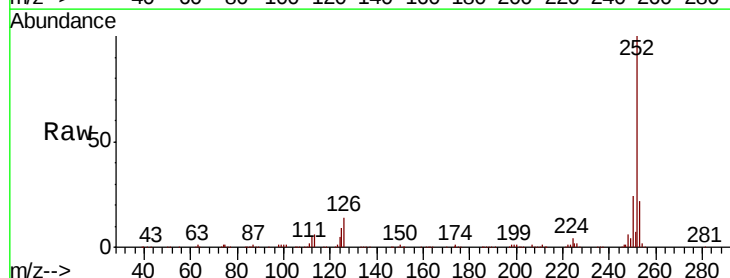
Tgt Ion:252 Resp: 463724

Ion Ratio Lower Upper

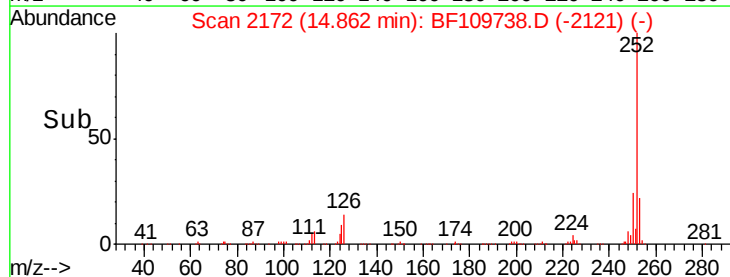
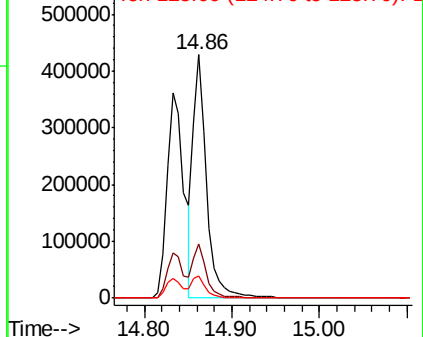
252 100

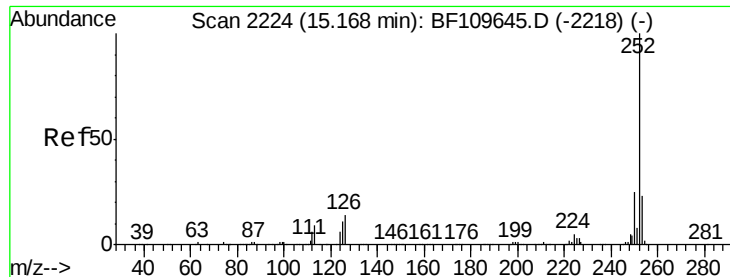
253 22.2 17.2 25.8

125 9.3 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.497 ng

RT: 15.17 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BF109738.D

Acq: 10 Oct 2018 13:07

Instrument :

BNA_F

ClientSampleId :

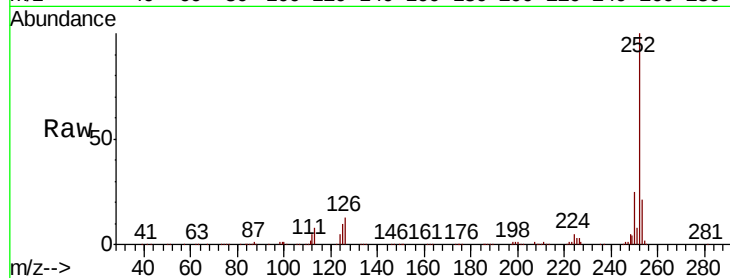
Tot Ion:252 Resp: 439628

Ion Ratio Lower Upper

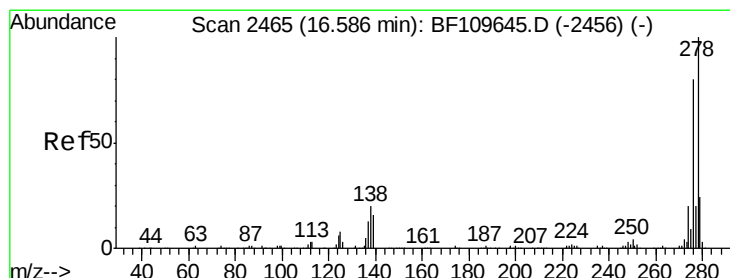
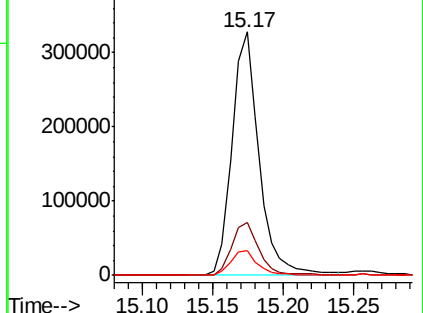
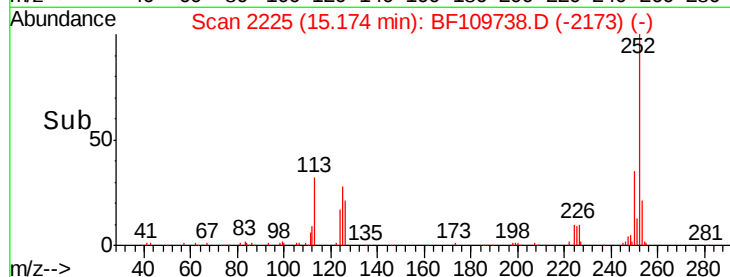
252 100

253 21.5 18.2 27.4

125 10.3 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.996 ng

RT: 16.59 min Scan# 2466

Delta R.T. 0.01 min

Lab File: BF109738.D

Acq: 10 Oct 2018 13:07

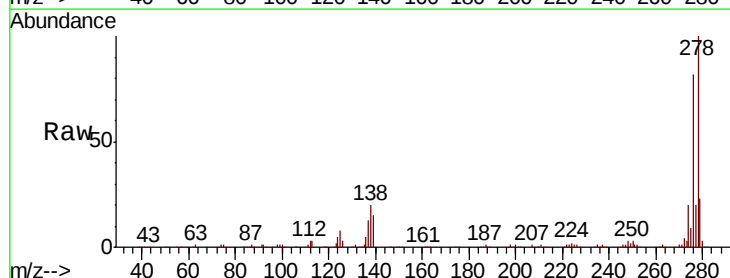
Tgt Ion:278 Resp: 403253

Ion Ratio Lower Upper

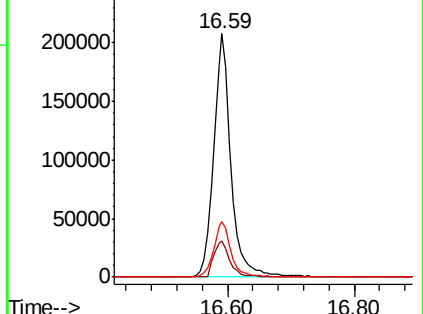
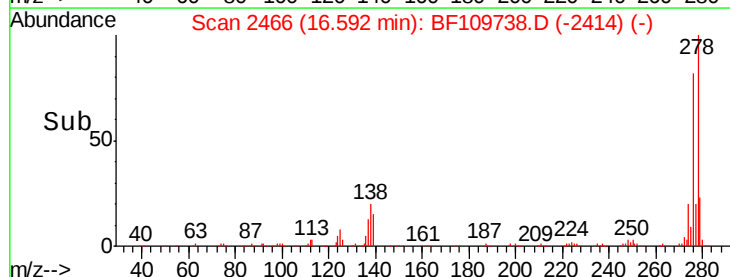
278 100

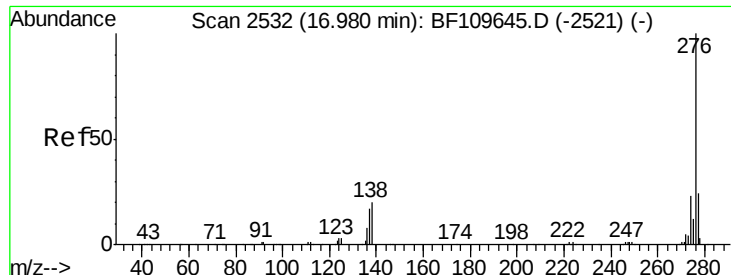
139 14.7 12.7 19.1

279 23.0 19.0 28.4



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





#91

Benzo(a,h,i)perylene

Concen: 43.053 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.00 min

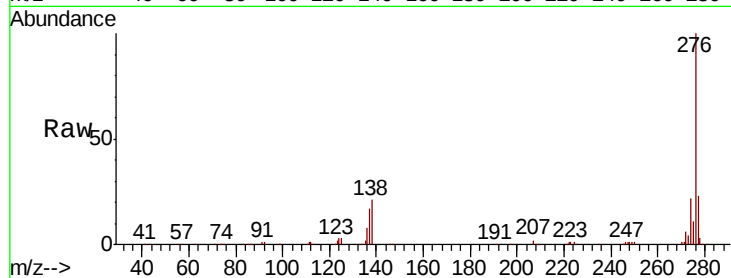
Lab File: BF109738.D

Acq: 10 Oct 2018 13:07

Instrument :

BNA_F

ClientSampleId :



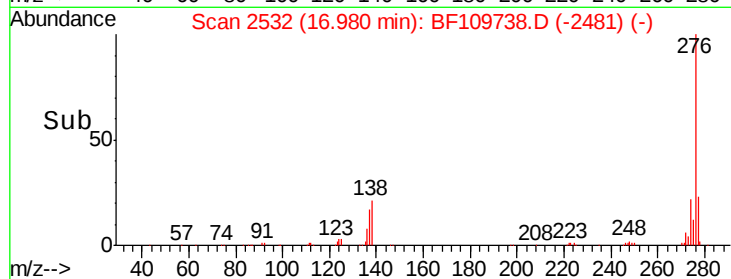
Tot Ion: 276 Resp: 403222

Ion Ratio Lower Upper

276 100

277 23.1 18.8 28.2

138 20.7 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

