

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
 Data File : BF109692.D
 Acq On : 9 Oct 2018 13:55
 Operator : JU/SJ
 Sample : PB113605BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 14:21:50 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	90020	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	379881	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	188922	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	366999	20.00	ng	0.00
75) Chrysene-d12	13.83	240	276445	20.00	ng	0.00
86) Perylene-d12	15.23	264	220679	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	681368	134.35	ng	0.01
7) Phenol-d6	6.36	99	874026	129.01	ng	0.00
23) Nitrobenzene-d5	7.26	82	544928	79.07	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	258493	125.57	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1057751	77.11	ng	0.00
78) Terphenyl-d14	12.79	244	856131	59.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	93002	34.942	ng	96
3) Pyridine	3.22	79	193533	35.244	ng	98
4) n-Nitrosodimethylamine	3.15	42	90049	45.433	ng	98
6) Aniline	6.37	93	268456	34.016	ng	# 75
8) 2-Chlorophenol	6.49	128	263020	42.170	ng	99
9) Benzaldehyde	6.25	77	139847	32.078	ng	100
10) Phenol	6.37	94	304557	39.203	ng	84
11) bis(2-Chloroethyl)ether	6.44	93	224564	34.867	ng	99
12) 1,3-Dichlorobenzene	6.64	146	283504	39.741	ng	97
13) 1,4-Dichlorobenzene	6.72	146	312036	40.127	ng	99
14) 1,2-Dichlorobenzene	6.87	146	274941	40.259	ng	97
15) Benzyl Alcohol	6.85	79	212879	42.384	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	339184	39.717	ng	90
17) 2-Methylphenol	6.97	107	208433	42.258	ng	96
18) Hexachloroethane	7.20	117	111726	40.648	ng	95
19) n-Nitroso-di-n-propylamine	7.12	70	190018	39.995	ng	100
20) 3+4-Methylphenols	7.12	107	257592	42.383	ng	# 89
22) Acetophenone	7.11	105	389079	42.354	ng	100
24) Nitrobenzene	7.28	77	288296	40.203	ng	99
25) Isophorone	7.52	82	521653	45.584	ng	98
26) 2-Nitrophenol	7.60	139	144111	42.964	ng	97
27) 2,4-Dimethylphenol	7.65	122	232338	47.968	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	331446	42.819	ng	99
29) 2,4-Dichlorophenol	7.85	162	231939	42.691	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	241490	40.152	ng	99
31) Naphthalene	8.00	128	817794	46.549	ng	99
32) Benzoic acid	7.80	122	126230	36.451	ng	97
33) 4-Chloroaniline	8.06	127	198526	25.661	ng	98
34) Hexachlorobutadiene	8.12	225	143953	38.495	ng	99
35) Caprolactam	8.43	113	36516	22.506	ng	96
36) 4-Chloro-3-methylphenol	8.55	107	251083	43.781	ng	97
37) 2-Methylnaphthalene	8.69	142	535822	46.561	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	248641	38.663	ng	98
40) Hexachlorocyclopentadiene	8.85	237	239800	84.695	ng	100

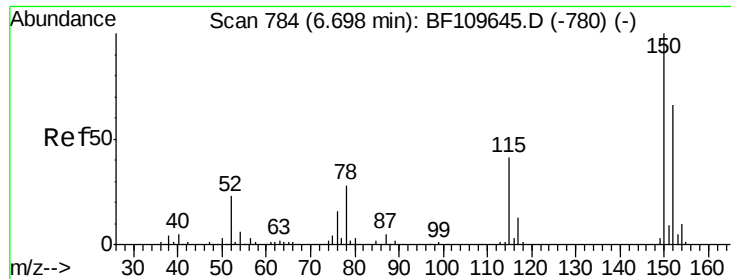
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	155405	40.424	ng	99
43) 2,4,5-Trichlorophenol	9.02	196	177731	40.208	ng	98
45) 1,1'-Biphenyl	9.15	154	649870	38.505	ng	98
46) 2-Chloronaphthalene	9.18	162	501900	39.694	ng	99
47) 2-Nitroaniline	9.28	65	156245	40.810	ng	93
48) Acenaphthylene	9.59	152	793414	43.041	ng	99
49) Dimethylphthalate	9.46	163	578366	41.742	ng	99
50) 2,6-Dinitrotoluene	9.52	165	125553	41.803	ng	95
51) Acenaphthene	9.76	154	440656	40.325	ng	100
52) 3-Nitroaniline	9.69	138	94022	27.927	ng	95
53) 2,4-Dinitrophenol	9.80	184	96616	99.705	ng	96
54) Dibenzofuran	9.93	168	667342	40.741	ng	99
55) 4-Nitrophenol	9.87	139	147060	79.801	ng	97
56) 2,4-Dinitrotoluene	9.93	165	157382	41.989	ng	97
57) Fluorene	10.27	166	536008	43.819	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	151359	42.124	ng	96
59) Diethylphthalate	10.16	149	570915	41.586	ng	100
60) 4-Chlorophenyl-phenylether	10.27	204	254933	39.504	ng	98
61) 4-Nitroaniline	10.31	138	129494	41.532	ng	100
62) Azobenzene	10.43	77	583264	41.838	ng	99
64) 4,6-Dinitro-2-methylphenol	10.34	198	67515	37.797	ng	98
65) n-Nitrosodiphenylamine	10.39	169	487528	39.186	ng	99
66) 4-Bromophenyl-phenylether	10.75	248	166957	39.593	ng	# 91
67) Hexachlorobenzene	10.82	284	177816	38.941	ng	# 93
68) Atrazine	10.92	200	158800	40.899	ng	100
69) Pentachlorophenol	11.02	266	171979	66.933	ng	100
70) Phenanthrene	11.23	178	782380	42.599	ng	99
71) Anthracene	11.29	178	838773	44.180	ng	99
72) Carbazole	11.44	167	738363	40.099	ng	100
73) Di-n-butylphthalate	11.77	149	885930	41.482	ng	100
74) Fluoranthene	12.42	202	836654	43.606	ng	98
76) Benzidine	12.54	184	455176	44.324	ng	97
77) Pyrene	12.64	202	823353	40.651	ng	99
79) Butylbenzylphthalate	13.26	149	368212	41.932	ng	96
80) Benzo(a)anthracene	13.82	228	648113	42.484	ng	100
81) 3,3'-Dichlorobenzidine	13.79	252	164651	26.804	ng	99
82) Chrysene	13.86	228	683248	42.639	ng	100
83) Bis(2-ethylhexyl)phthalate	13.82	149	447269	41.748	ng	99
84) Di-n-octyl phthalate	14.42	149	744418	43.960	ng	99
85) Indeno(1,2,3-cd)pyrene	16.59	276	486327	42.402	ng	100
87) Benzo(b)fluoranthene	14.84	252	546509	44.814	ng	98
88) Benzo(k)fluoranthene	14.86	252	536103	43.752	ng	98
89) Benzo(a)pyrene	15.17	252	499054	45.095	ng	98
90) Dibenzo(a,h)anthracene	16.59	278	402323	44.265	ng	99
91) Benzo(g,h,i)perylene	16.99	276	415292	45.757	ng	100

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

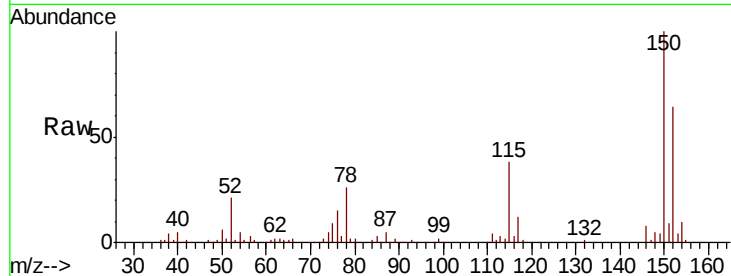


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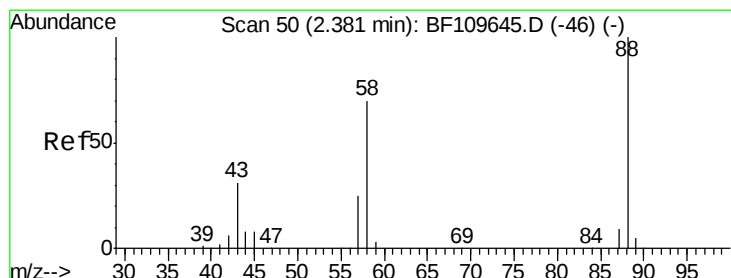
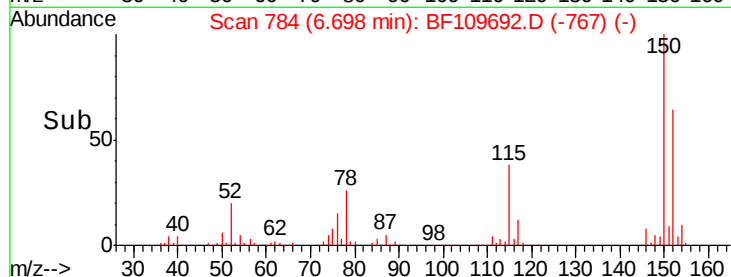
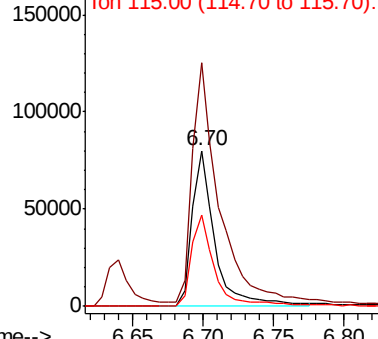
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 90020
Ion Ratio Lower Upper
152 100
150 156.5 122.7 184.1
115 58.8 49.1 73.7



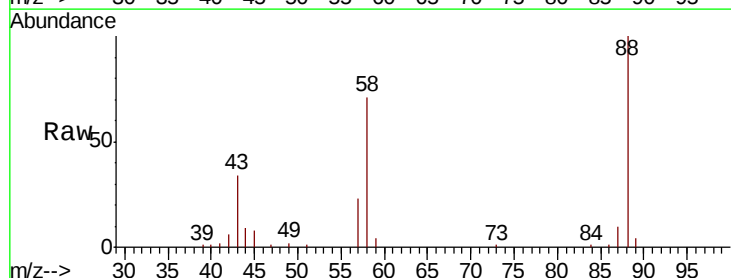
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



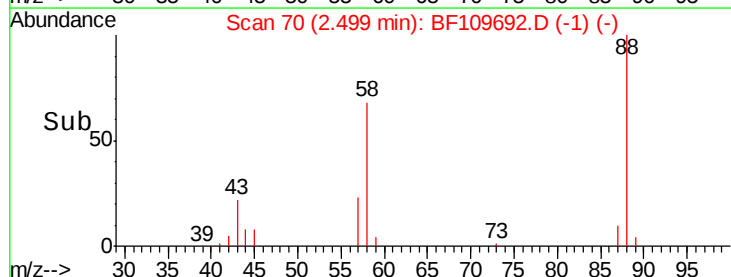
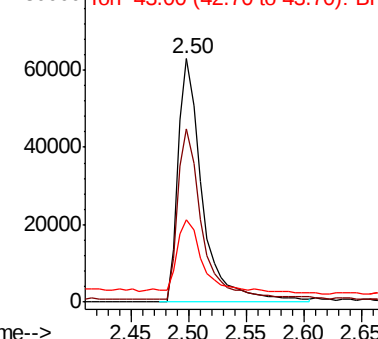
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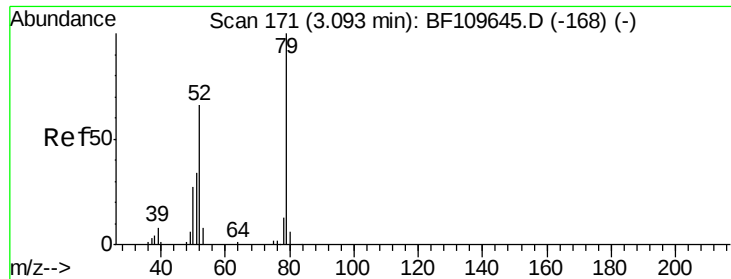
1,4-Dioxane
Concen: 34.942 ng
RT: 2.50 min Scan# 70
Delta R.T. 0.12 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion: 88 Resp: 93002
Ion Ratio Lower Upper
88 100
58 69.1 57.1 85.7
43 33.3 24.1 36.1



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

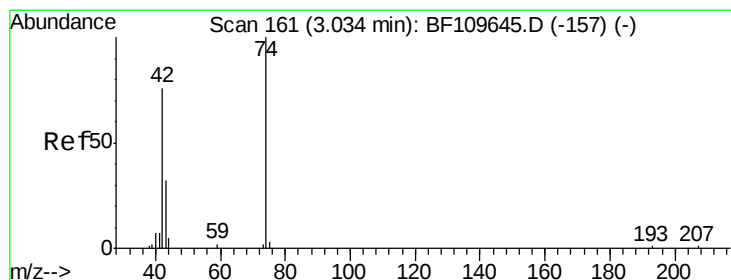
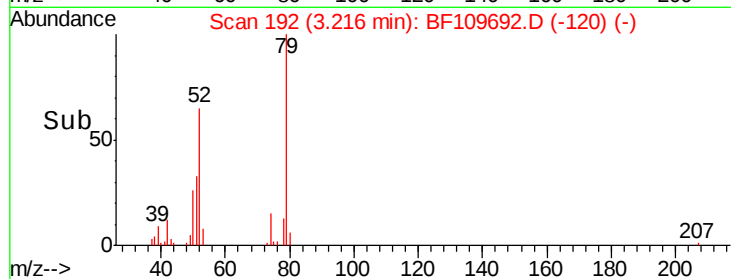
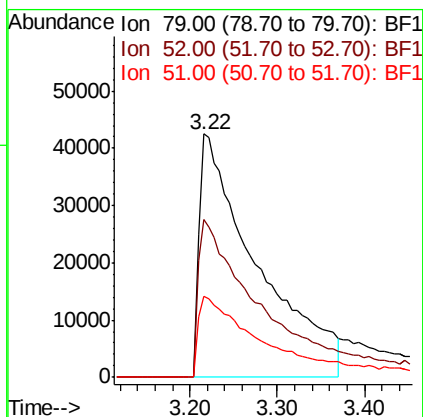
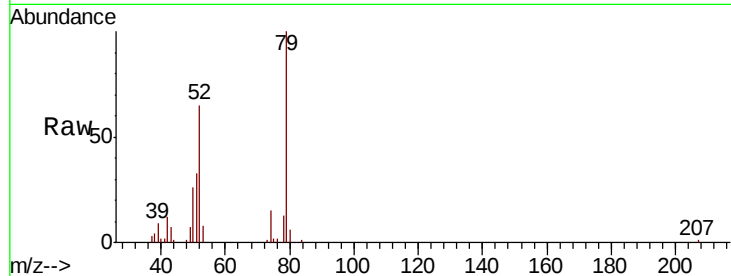




#3
 Pvridine
 Concen: 35.244 ng
 RT: 3.22 min Scan# 192
 Delta R.T. 0.12 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

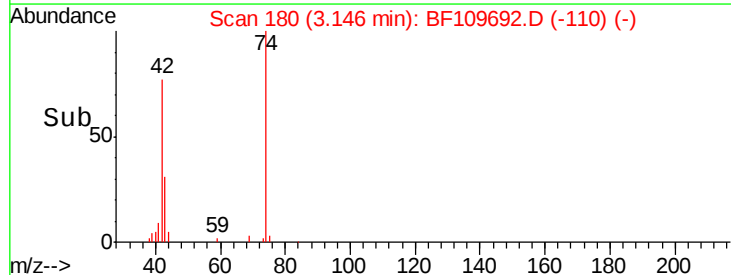
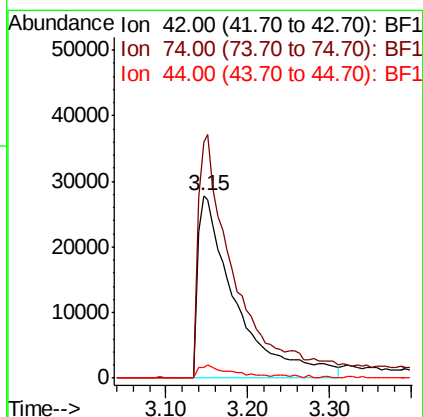
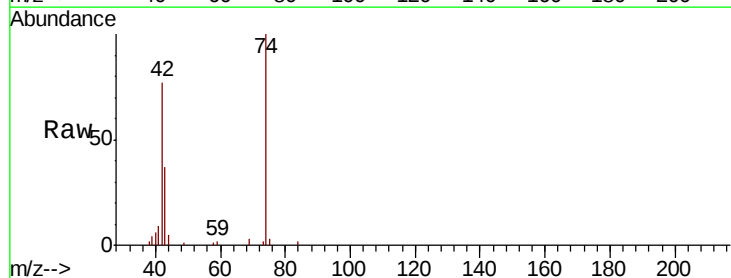
Instrument :
 BNA_F
 ClientSampleId :

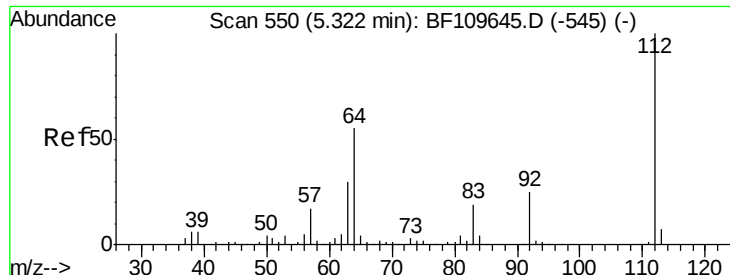
Tot Ion: 79 Resp: 193533
 Ion Ratio Lower Upper
 79 100
 52 64.7 53.1 79.7
 51 33.1 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 45.433 ng
 RT: 3.15 min Scan# 180
 Delta R.T. 0.11 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Tgt Ion: 42 Resp: 90049
 Ion Ratio Lower Upper
 42 100
 74 129.5 105.5 158.3
 44 6.0 4.9 7.3

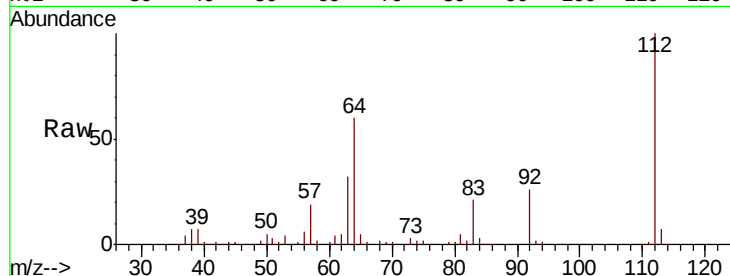




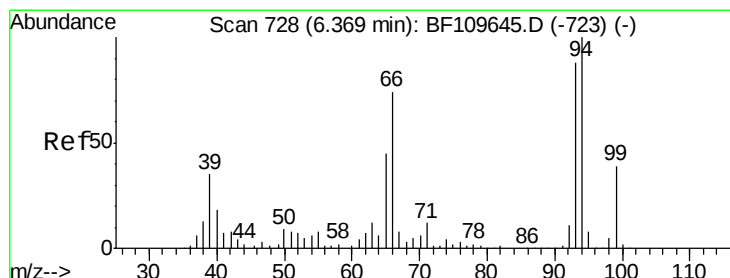
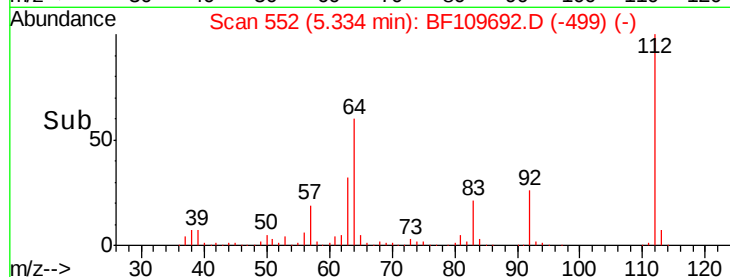
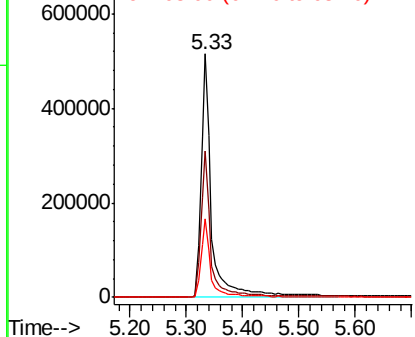
#5
2-Fluorophenol
Concen: 134.353 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 112 Resp: 681368
Ion Ratio Lower Upper
112 100
64 60.2 44.1 66.1
63 32.4 23.7 35.5

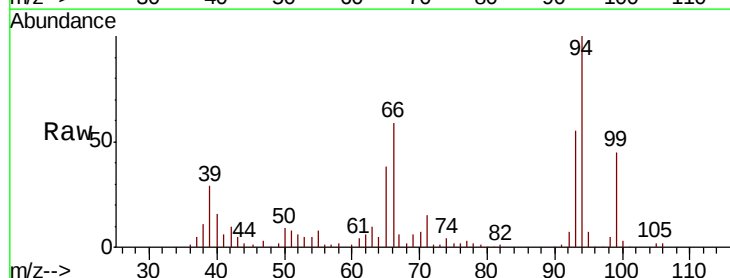


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

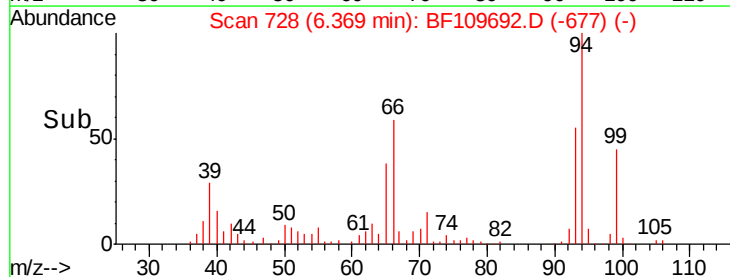
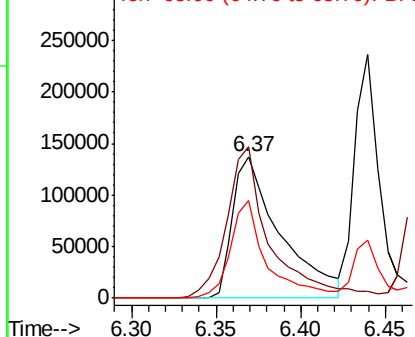


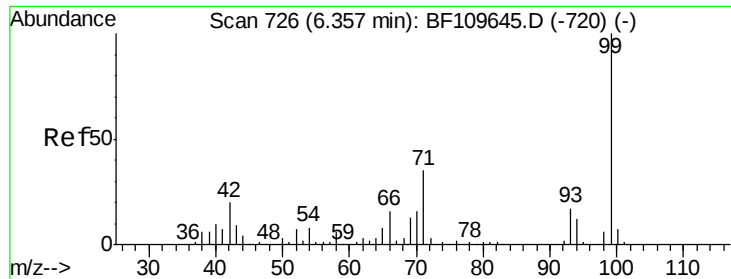
#6
Aniline
Concen: 34.016 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion: 93 Resp: 268456
Ion Ratio Lower Upper
93 100
66 106.8 67.4 101.0#
65 69.1 41.0 61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 129.009 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

Instrument :

BNA_F

ClientSampleId :

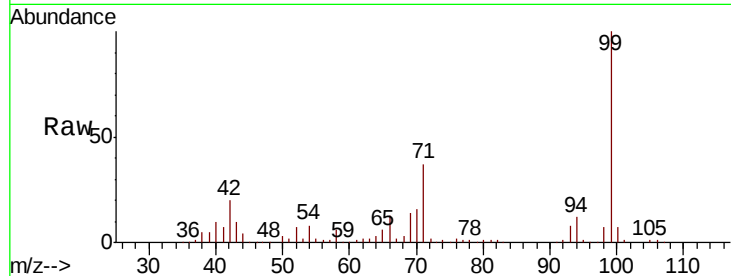
Tot Ion: 99 Resp: 874026

Ion Ratio Lower Upper

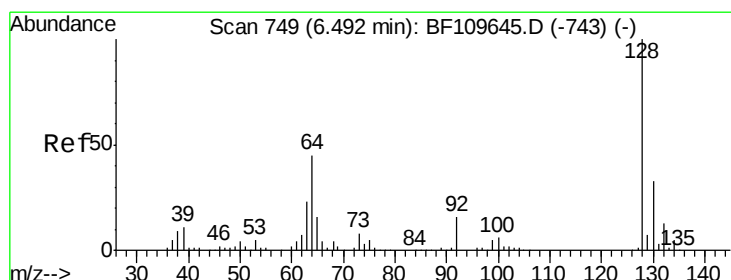
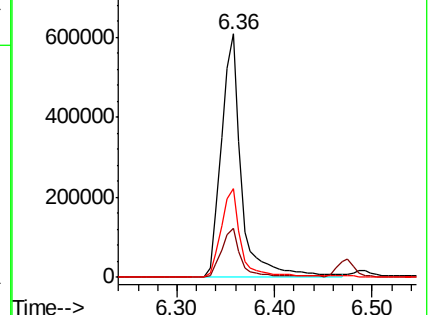
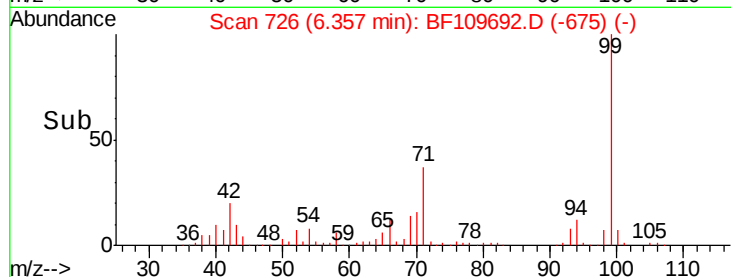
99 100

42 20.1 15.8 23.6

71 36.6 28.0 42.0



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



#8

2-Chlorophenol

Concen: 42.170 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

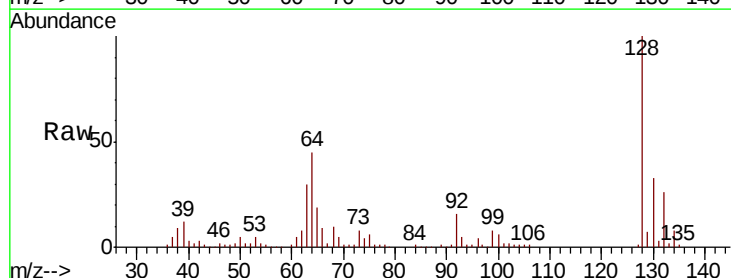
Tgt Ion:128 Resp: 263020

Ion Ratio Lower Upper

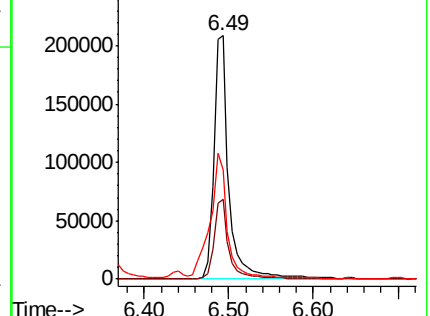
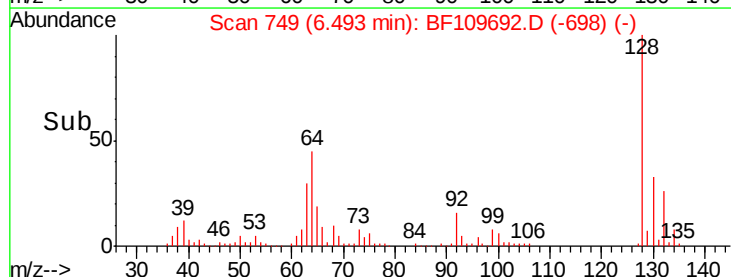
128 100

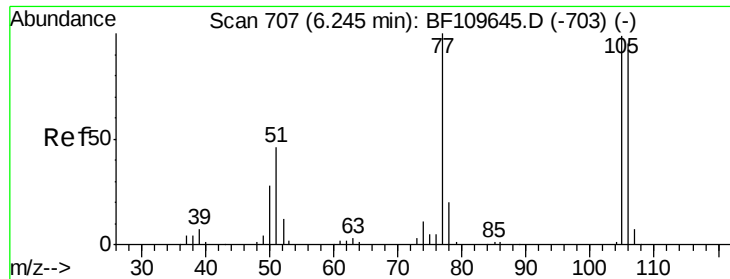
130 32.7 13.1 53.1

64 44.7 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: 32.078 ng

RT: 6.25 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

Instrument :

BNA_F

ClientSampleId :

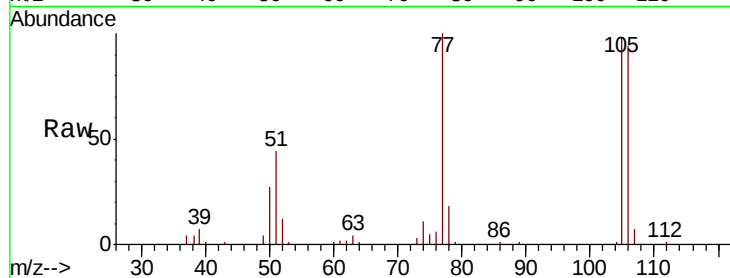
Tot Ion: 77 Resp: 139847

Ion Ratio Lower Upper

77 100

105 98.3 78.6 118.6

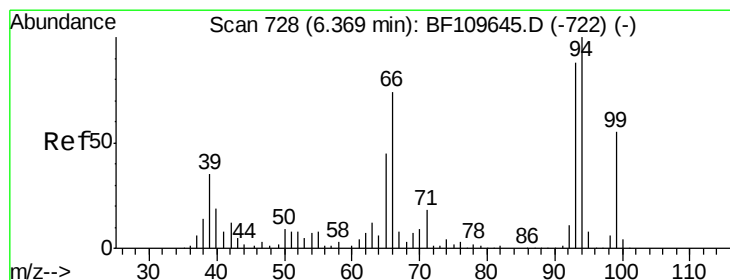
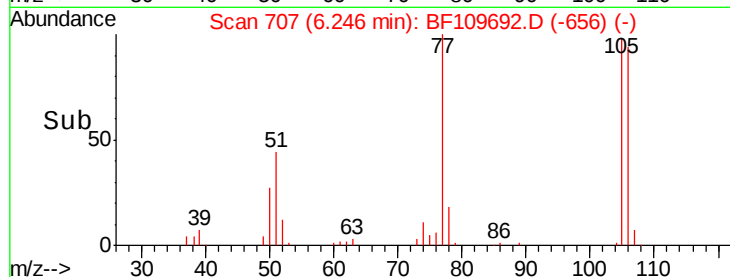
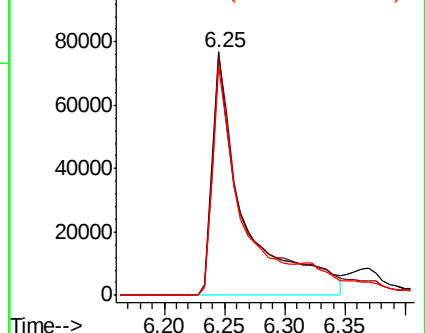
106 94.3 74.8 114.8



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: 39.203 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

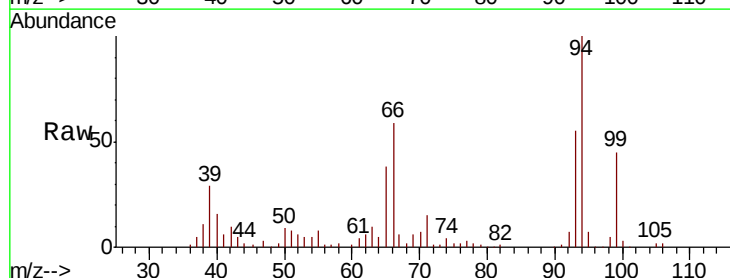
Tgt Ion: 94 Resp: 304557

Ion Ratio Lower Upper

94 100

65 38.1 25.3 65.3

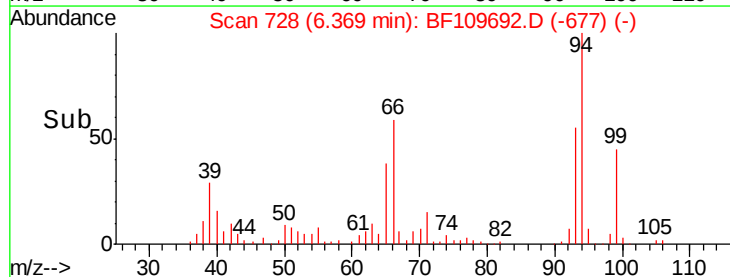
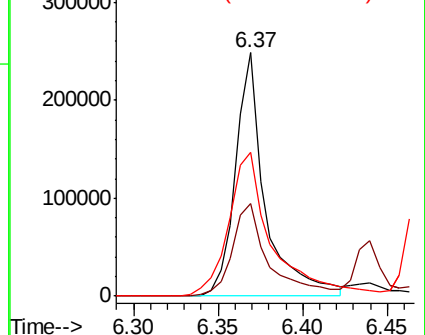
66 58.9 54.5 94.5

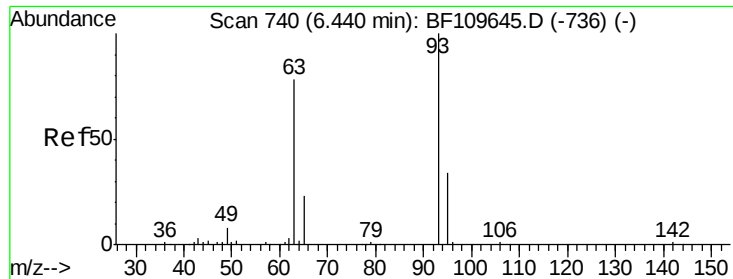


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

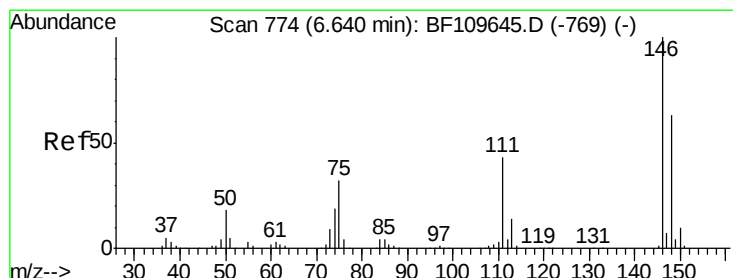
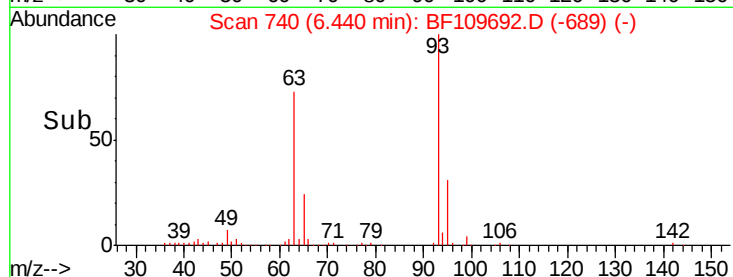
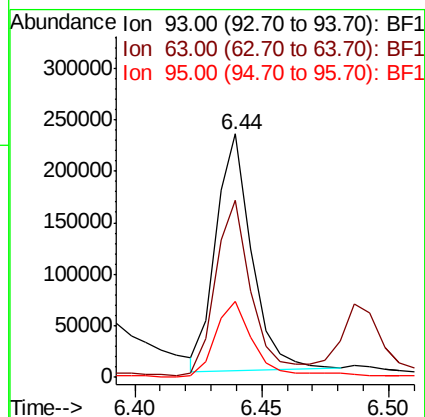
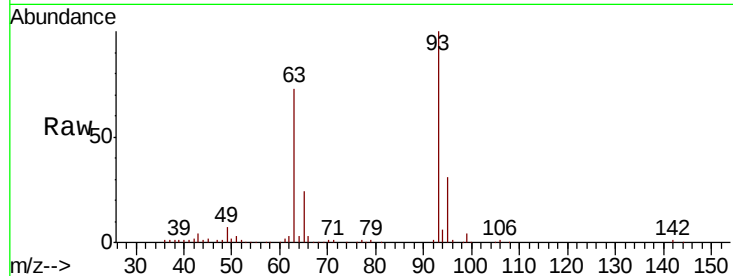




#11
 bis(2-Chloroethyl)ether
 Concen: 34.867 ng
 RT: 6.44 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

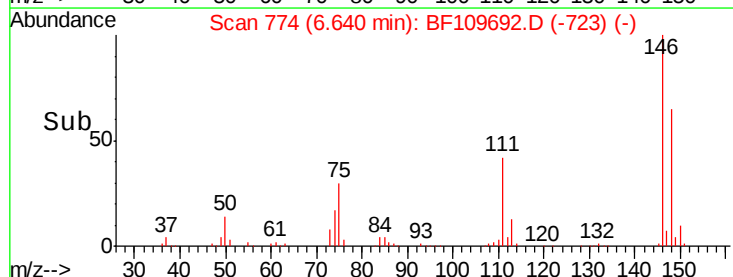
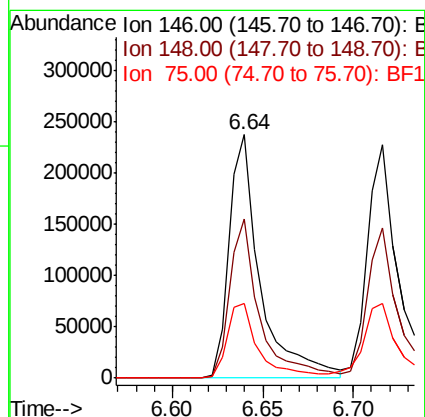
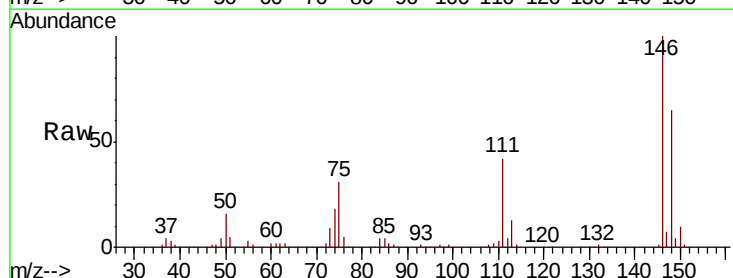
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 224564
 Ion Ratio Lower Upper
 93 100
 63 72.9 53.4 93.4
 95 31.0 12.1 52.1



#12
 1,3-Dichlorobenzene
 Concen: 39.741 ng
 RT: 6.64 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Tgt Ion: 146 Resp: 283504
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.4 75.6
 75 30.7 25.8 38.6

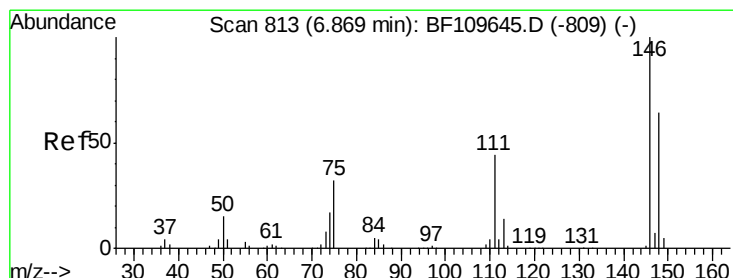
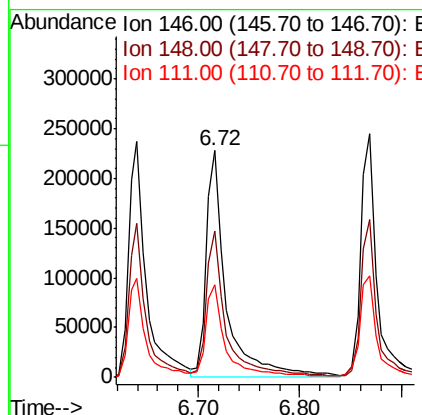
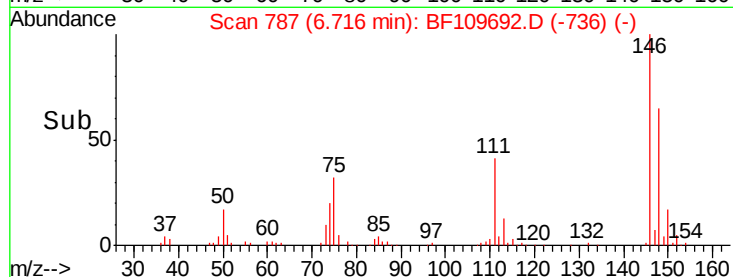
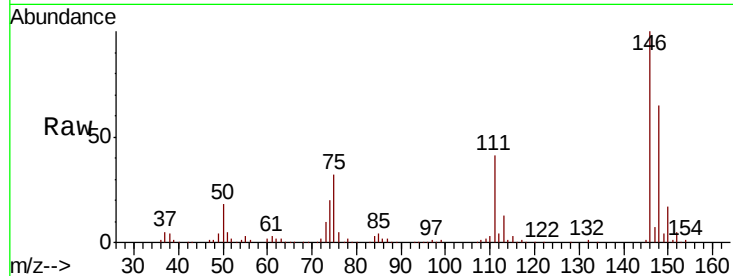




#13
 1,4-Dichlorobenzene
 Concen: 40.127 ng
 RT: 6.72 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

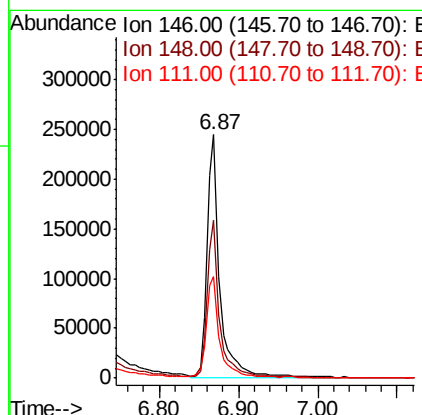
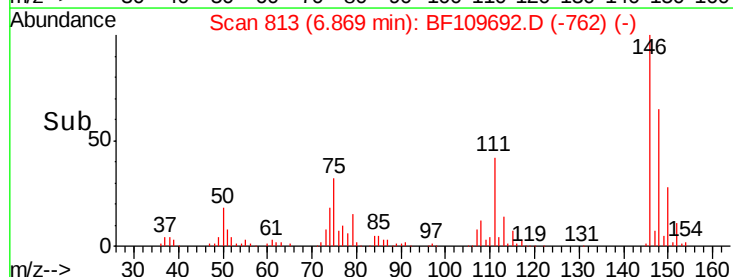
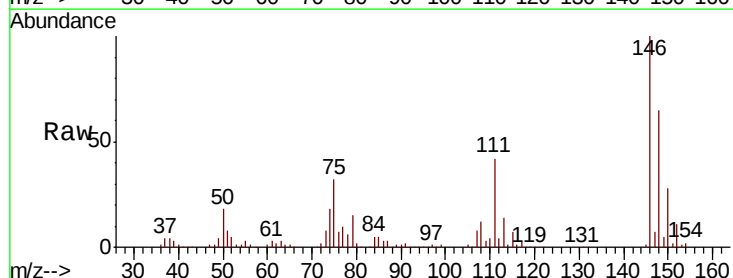
Instrument :
 BNA_F
 ClientSampleId :

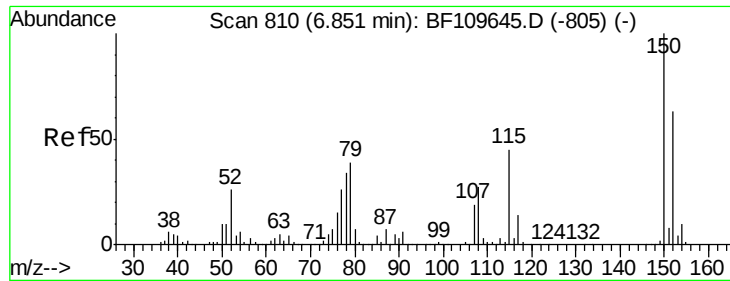
Tot Ion:146 Resp: 312036
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.3 75.5
 111 41.0 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 40.259 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Tgt Ion:146 Resp: 274941
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.1 76.7
 111 41.7 35.8 53.6

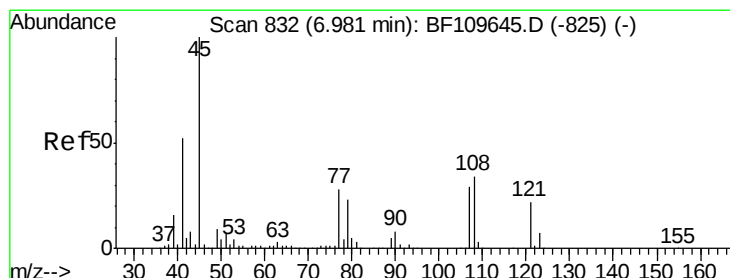
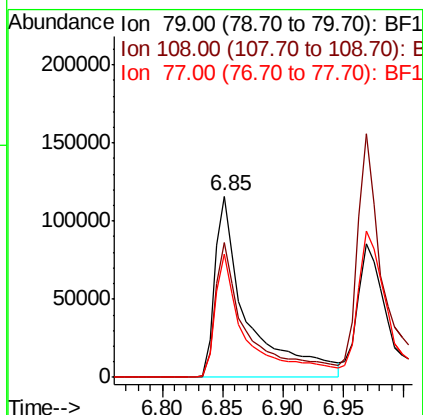
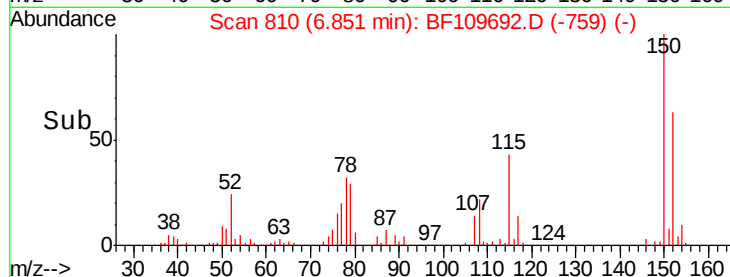
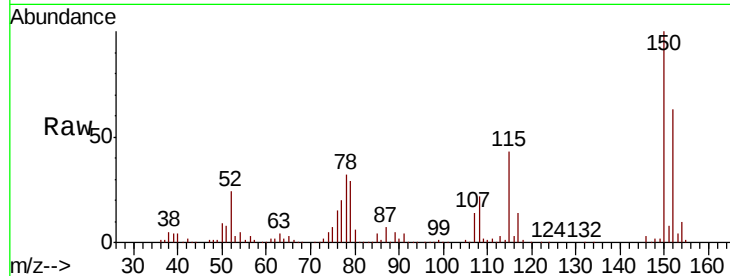




#15
Benzyl Alcohol
Concen: 42.384 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

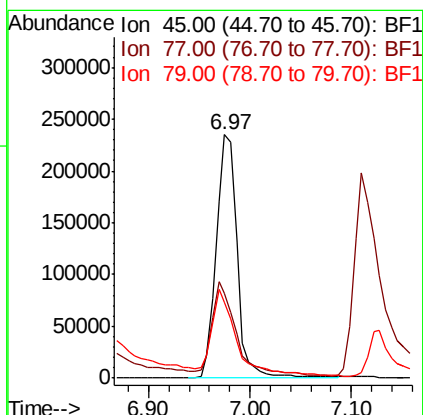
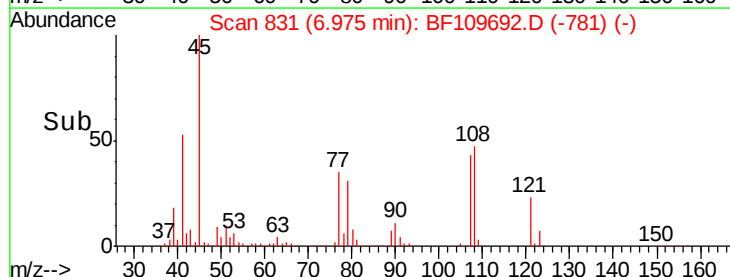
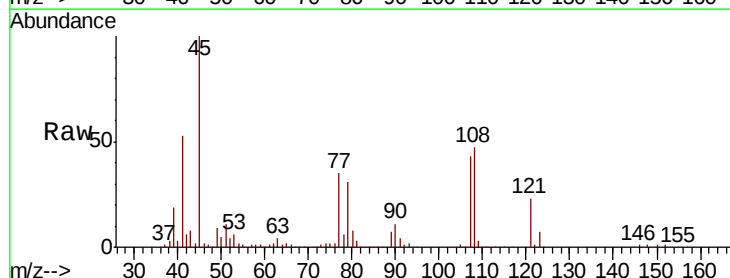
Instrument :
BNA_F
ClientSampled :

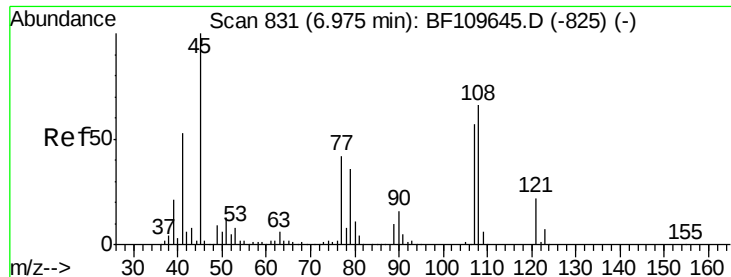
Tot Ion: 79 Resp: 212879
Ion Ratio Lower Upper
79 100
108 74.2 56.3 84.5
77 67.6 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.717 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion: 45 Resp: 339184
Ion Ratio Lower Upper
45 100
77 35.0 10.0 50.0
79 31.4 6.1 46.1

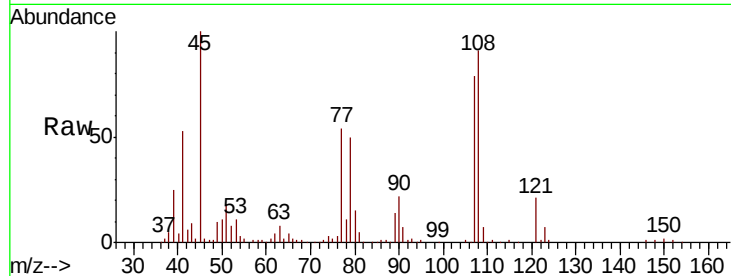




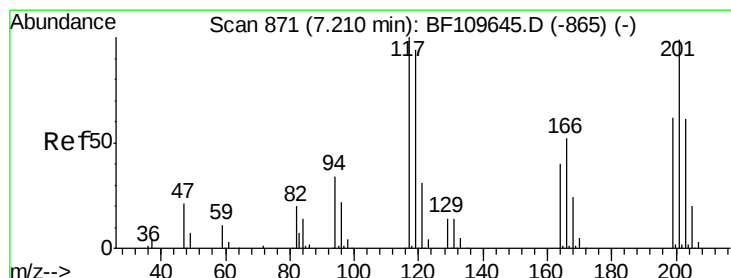
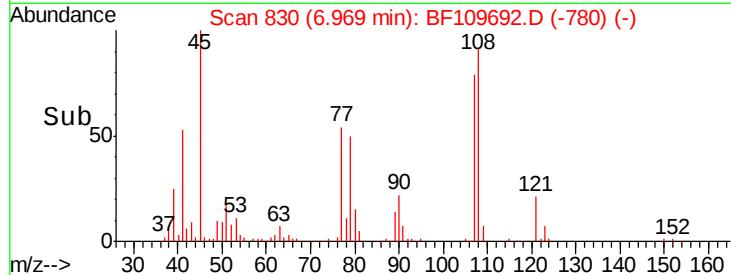
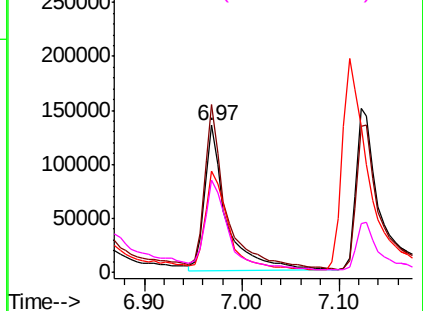
#17
2-Methylphenol
Concen: 42.258 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 208433
Ion Ratio Lower Upper
107 100
108 114.6 92.6 138.8
77 68.6 59.4 89.2
79 63.0 54.0 81.0

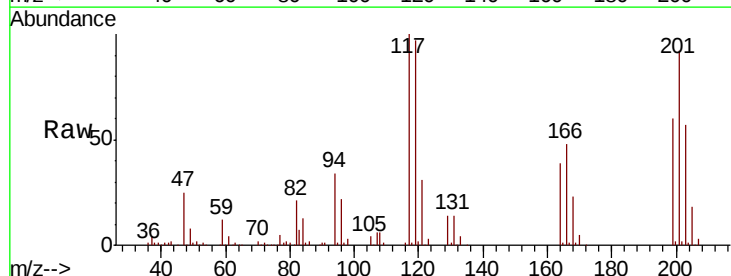


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

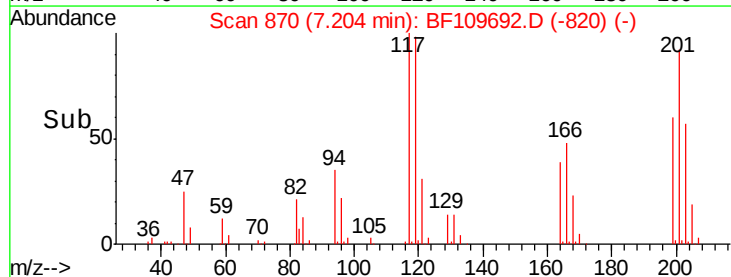
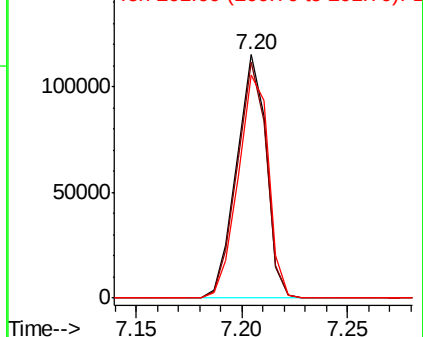


#18
Hexachloroethane
Concen: 40.648 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion:117 Resp: 111726
Ion Ratio Lower Upper
117 100
119 97.0 75.0 112.6
201 91.6 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

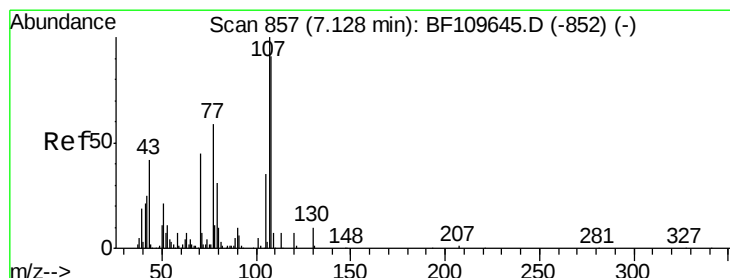
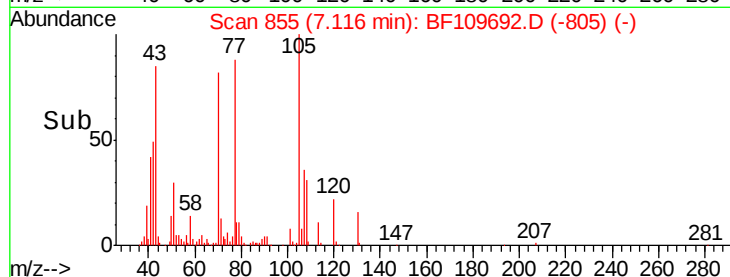
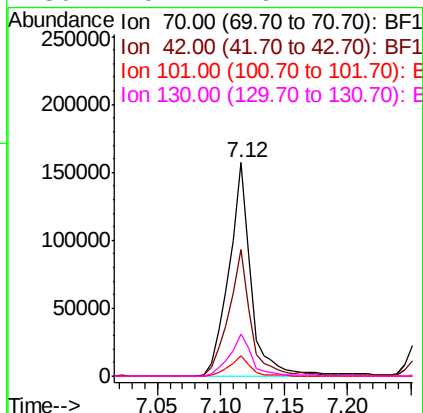
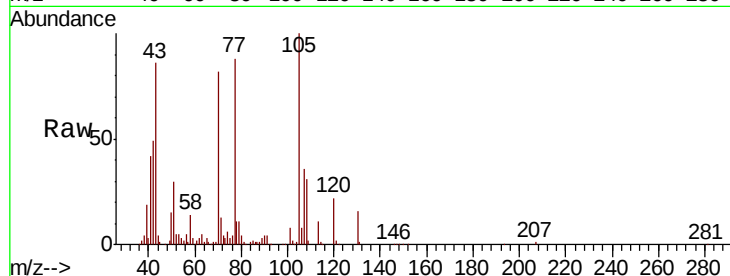




#19
n-Nitroso-di-n-propylamine
Concen: 39.995 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

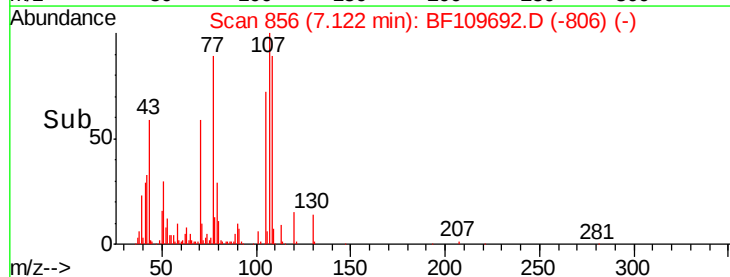
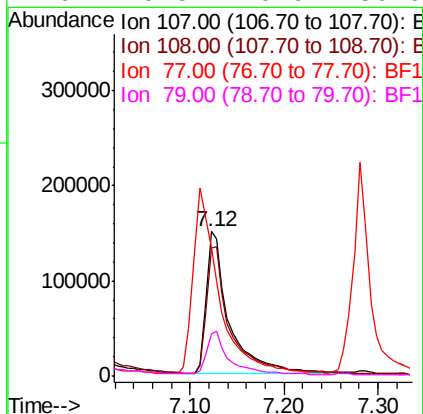
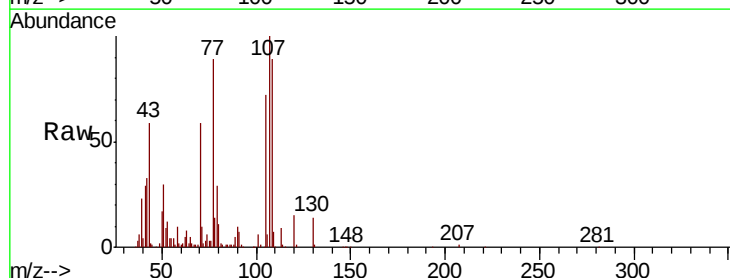
Instrument :
BNA_F
ClientSampled :

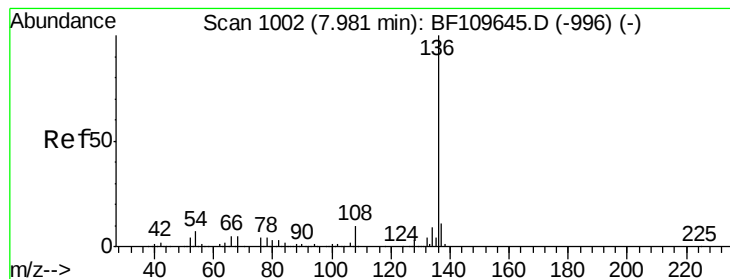
Tot Ion:	70	Resp:	190018
Ion	Ratio	Lower	Upper
70	100		
42	59.3	47.4	71.2
101	9.6	7.3	10.9
130	19.7	16.2	24.2



#20
3+4-Methylphenols
Concen: 42.383 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion:	107	Resp:	257592
Ion	Ratio	Lower	Upper
107	100		
108	88.8	71.4	111.4
77	88.8	47.3	87.3#
79	29.5	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: BF109692.D

Acq: 9 Oct 2018 13:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 379881

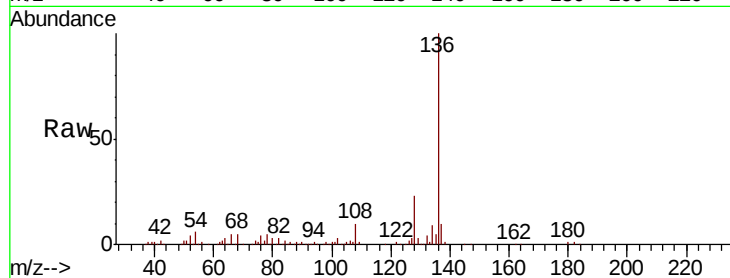
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 6.5 5.4 8.2

68 5.1 4.2 6.2

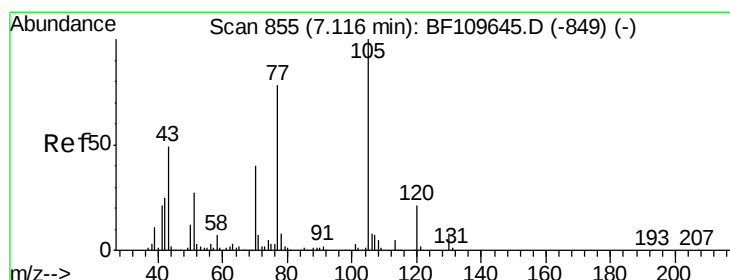
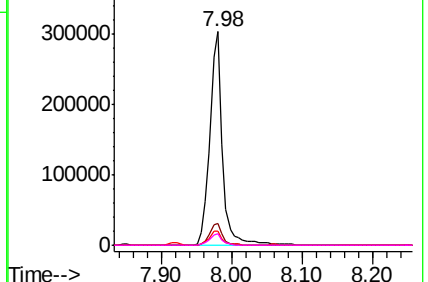
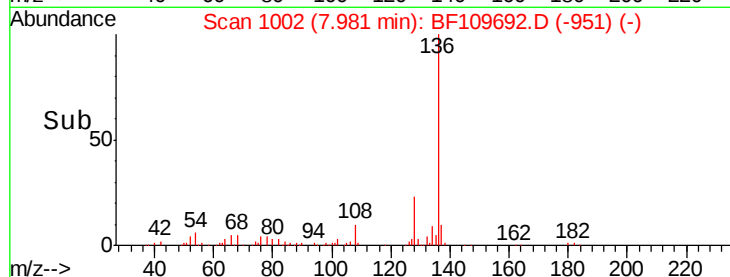


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.354 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

Tgt Ion:105 Resp: 389079

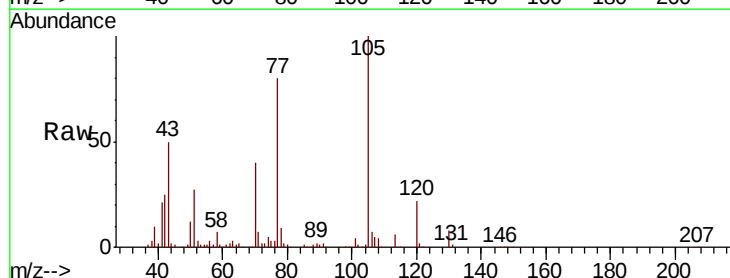
Ion Ratio Lower Upper

105 100

71 6.7 5.2 7.8

51 27.4 21.8 32.8

120 21.6 17.0 25.4

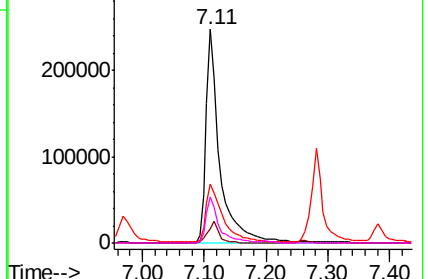
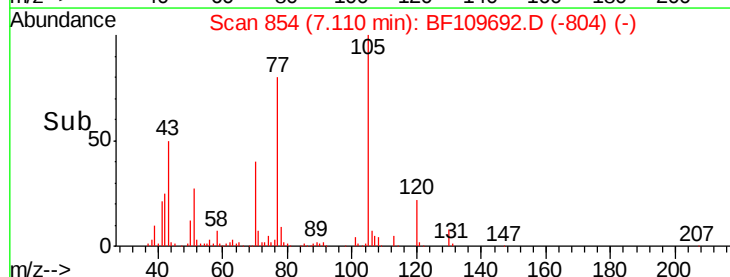


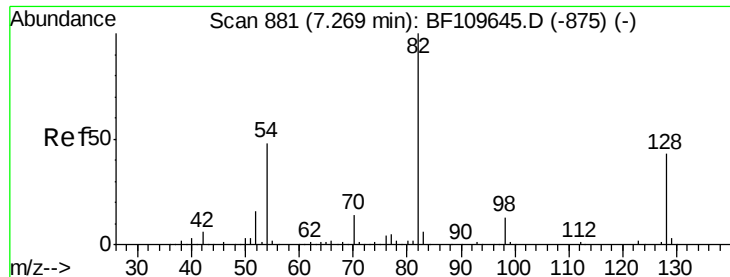
Abundance Ion 105.00 (104.70 to 105.70): E

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

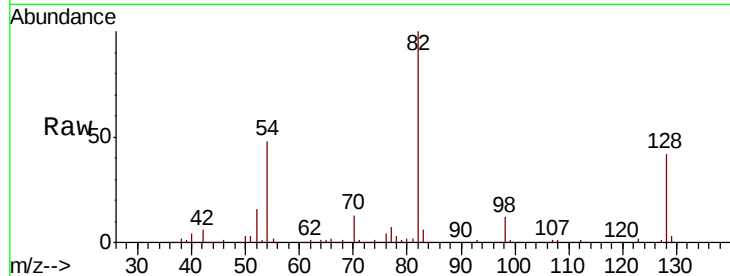




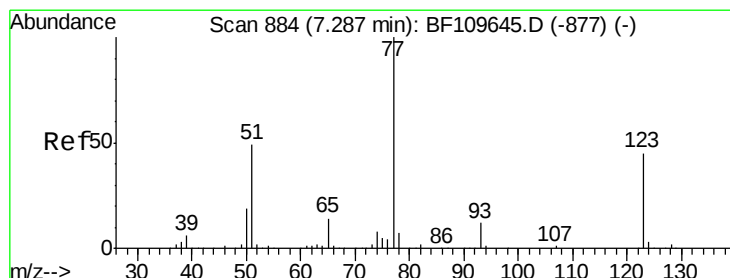
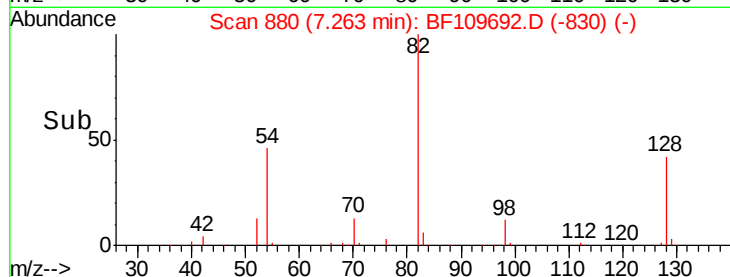
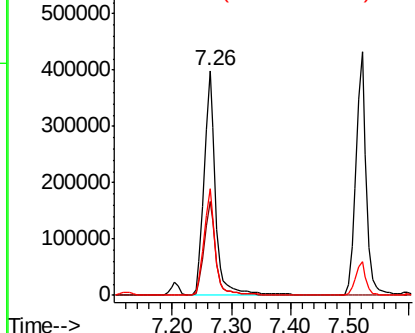
#23
Nitrobenzene-d5
Concen: 79.073 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	544928
Ion Ratio	Lower	Upper	
82	100		
128	42.1	34.2	51.2
54	47.6	38.6	58.0

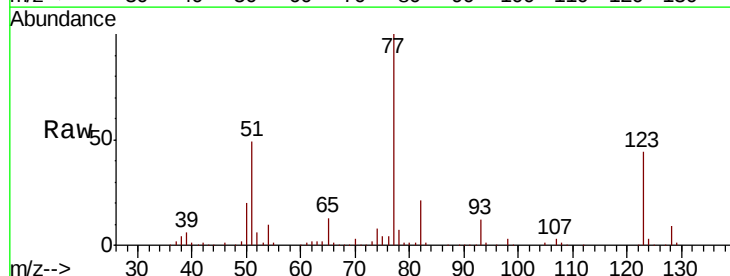


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

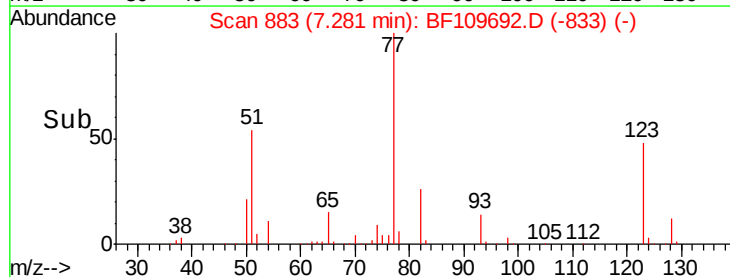
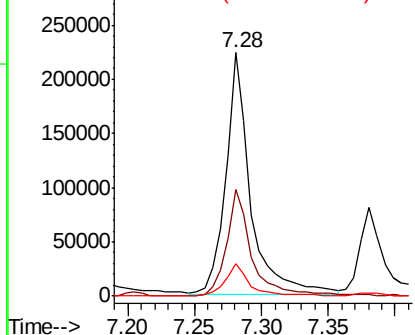


#24
Nitrobenzene
Concen: 40.203 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion	77	Resp	288296
Ion Ratio	Lower	Upper	
77	100		
123	43.5	35.7	53.5
65	13.3	10.7	16.1



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

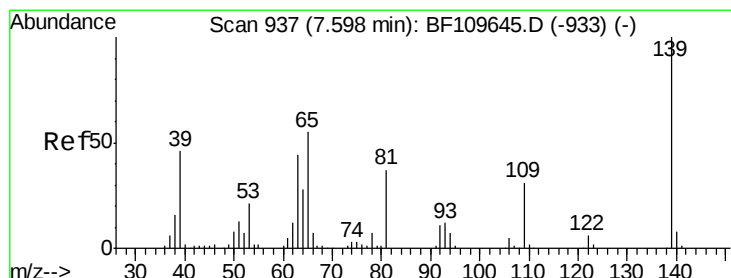
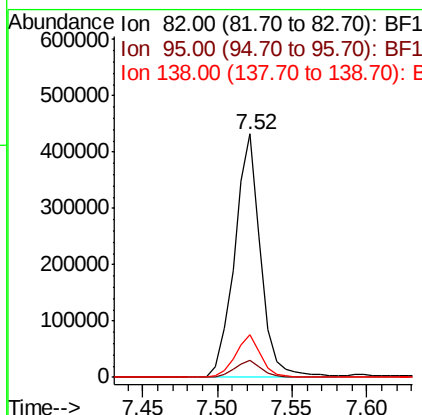
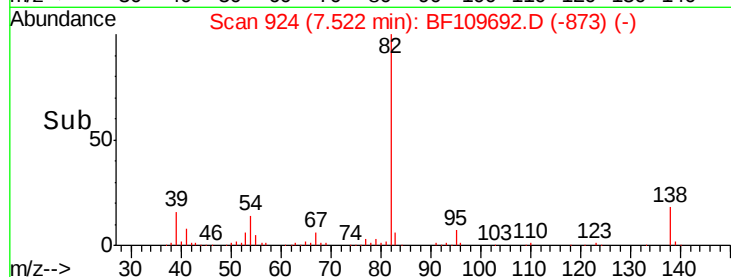
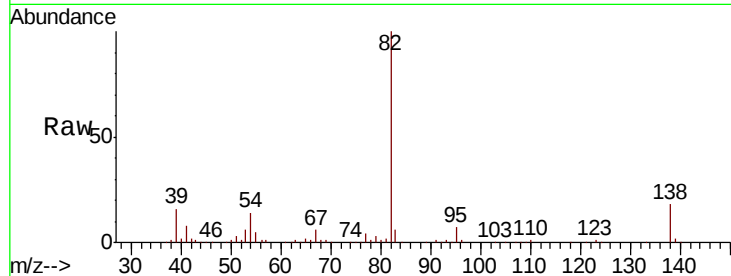




#25
Isophorone
Concen: 45.584 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

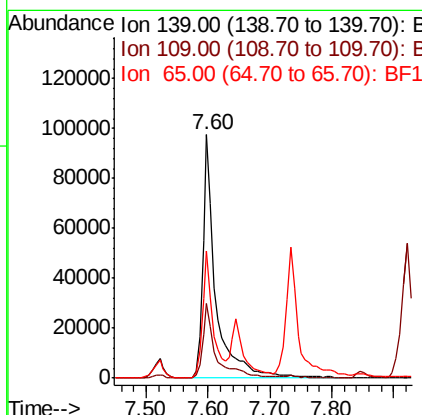
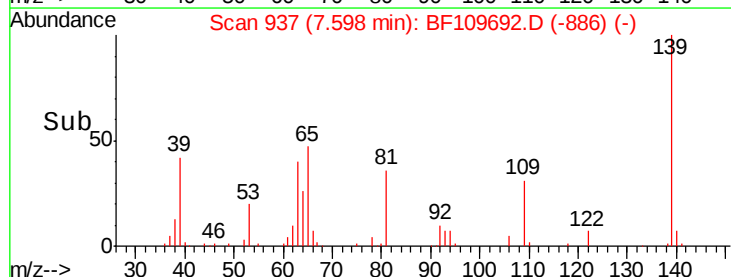
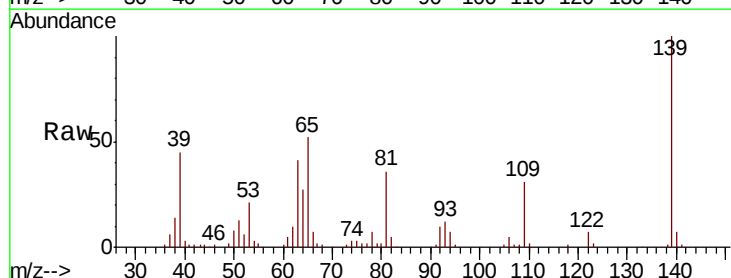
Instrument :
BNA_F
ClientSampleId :

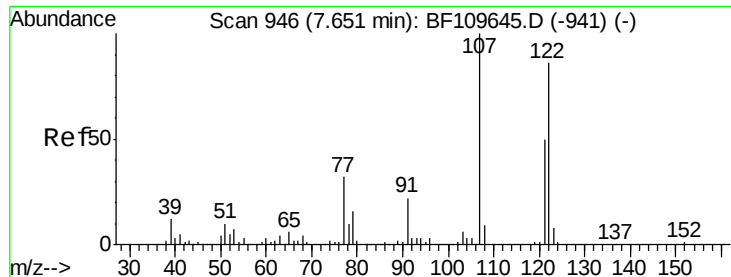
Tot Ion: 82 Resp: 521653
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 17.7 13.2 19.8



#26
2-Nitrophenol
Concen: 42.964 ng
RT: 7.60 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion: 139 Resp: 144111
Ion Ratio Lower Upper
139 100
109 30.5 25.0 37.6
65 52.1 44.0 66.0

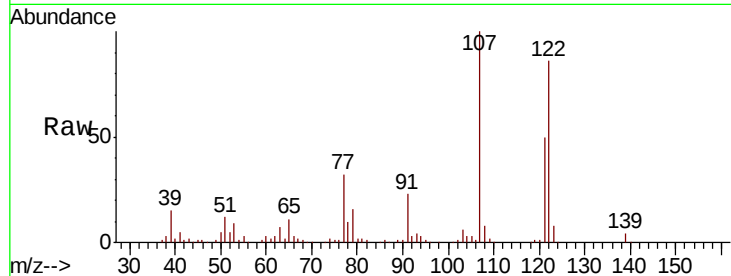




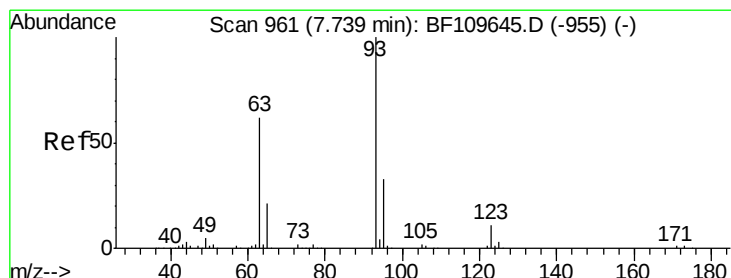
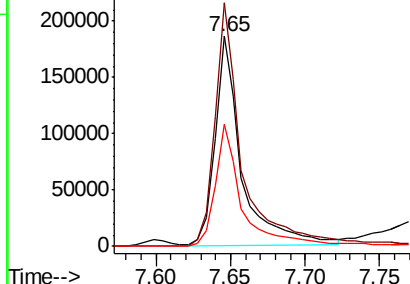
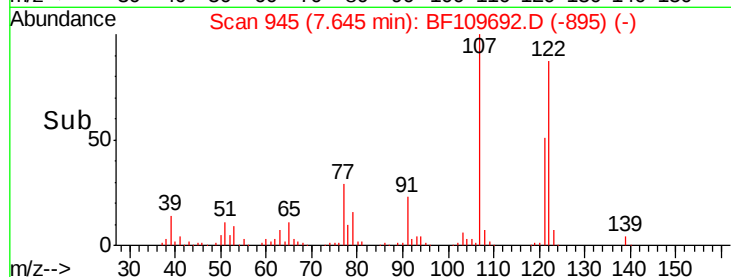
#27
 2,4-Dimethylphenol
 Concen: 47.968 ng
 RT: 7.65 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.9	92.5	138.7
121	58.3	45.8	68.8

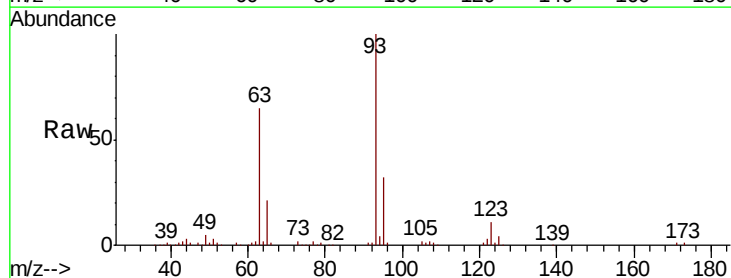


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

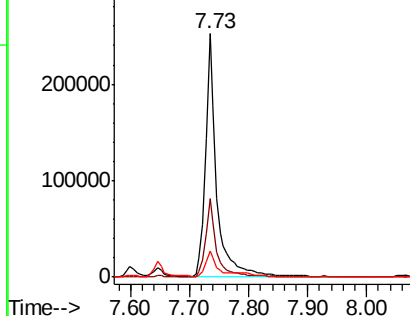
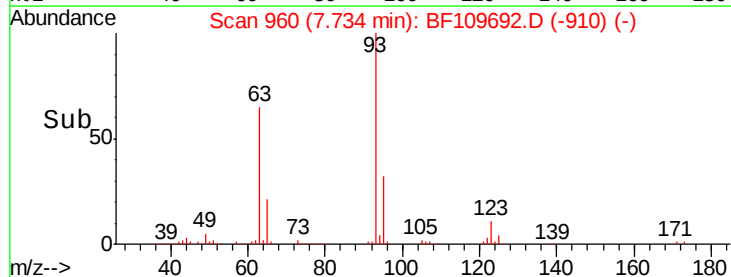


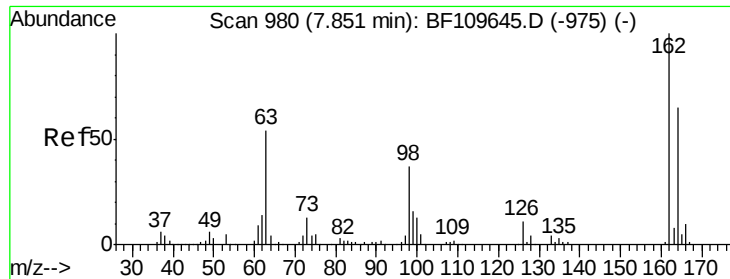
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.819 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.4	39.6
123	10.7	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

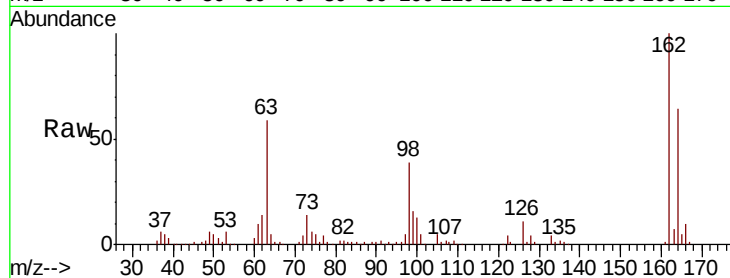




#29
 2,4-Dichlorophenol
 Concen: 42.691 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.6	84.6
98	39.0	17.4	57.4

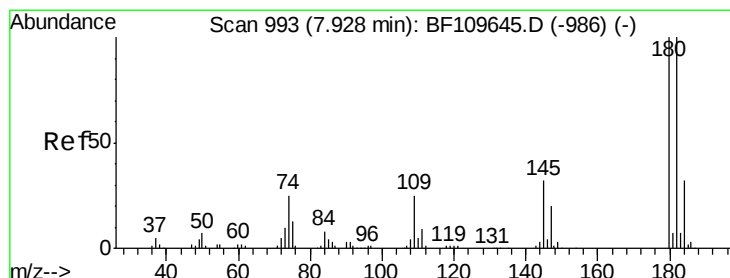
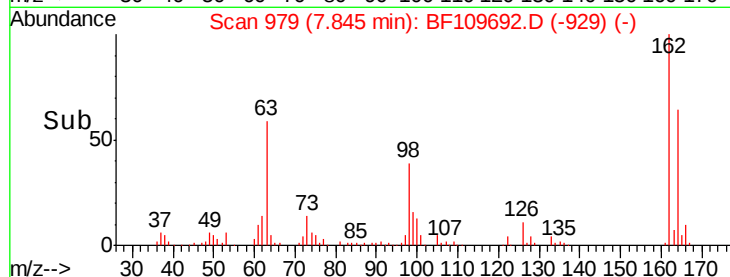
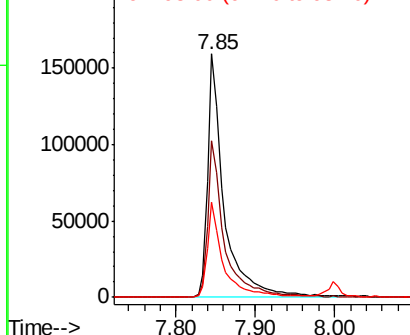


Abundance

Ion 162.00 (161.70 to 162.70): E

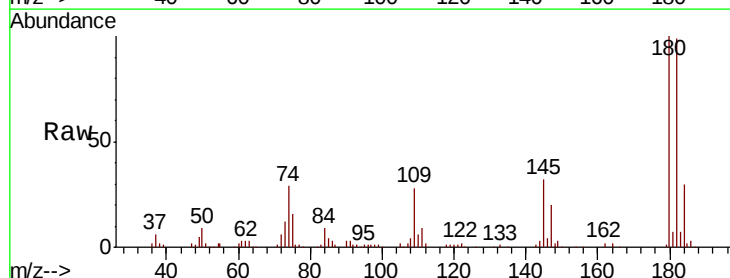
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.152 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.9	80.3	120.5
145	31.9	25.4	38.0

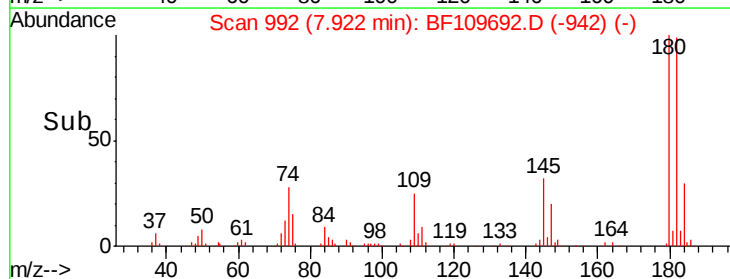
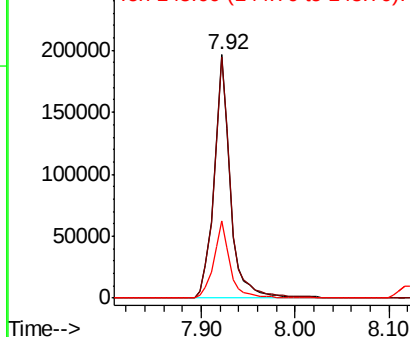


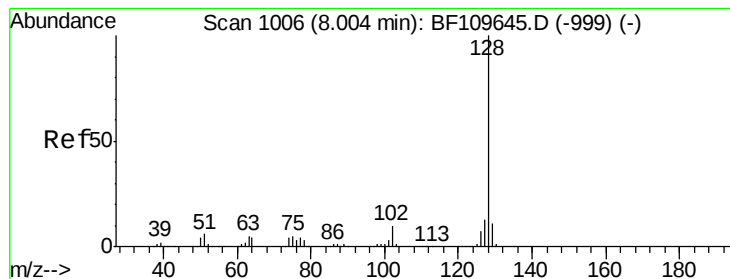
Abundance

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: 46.549 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

Instrument :

BNA_F

ClientSampleId :

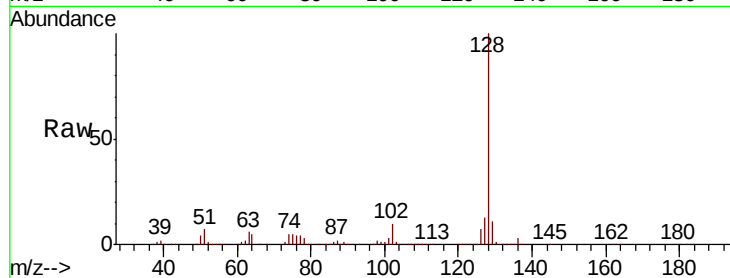
Tot Ion:128 Resp: 817794

Ion Ratio Lower Upper

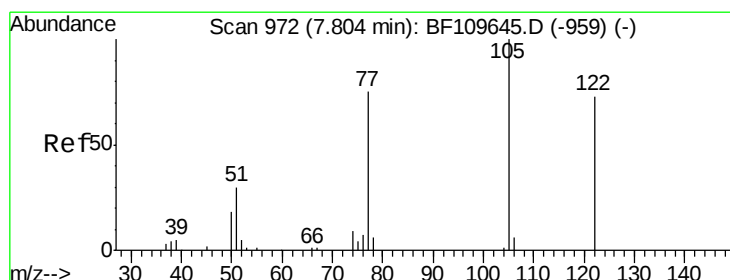
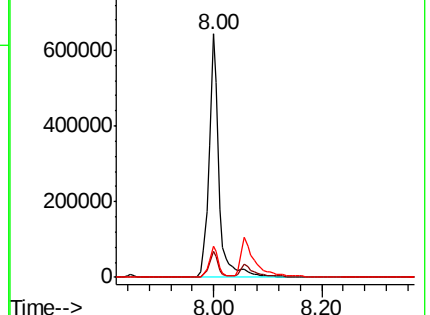
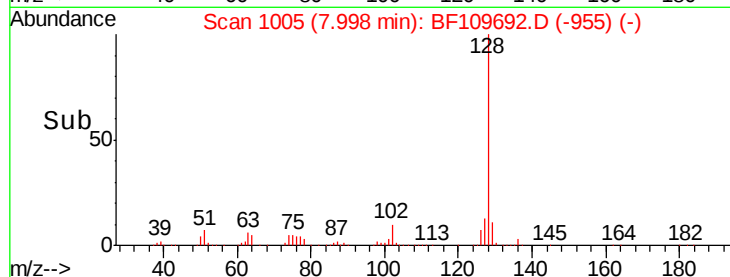
128 100

129 10.9 8.8 13.2

127 13.0 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: 36.451 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

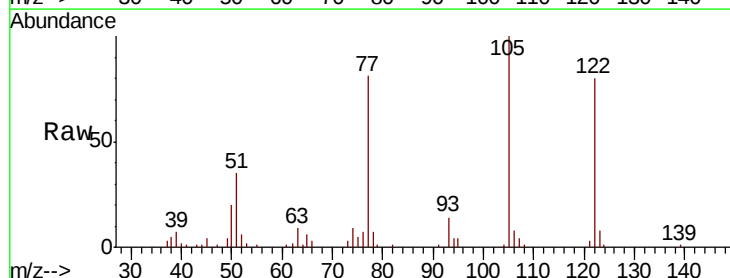
Tgt Ion:122 Resp: 126230

Ion Ratio Lower Upper

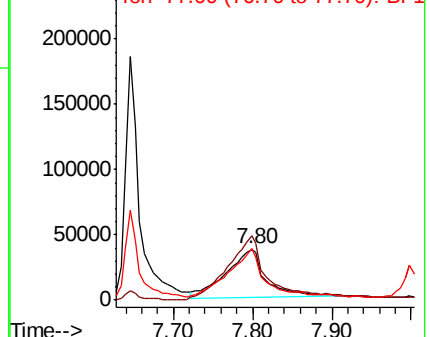
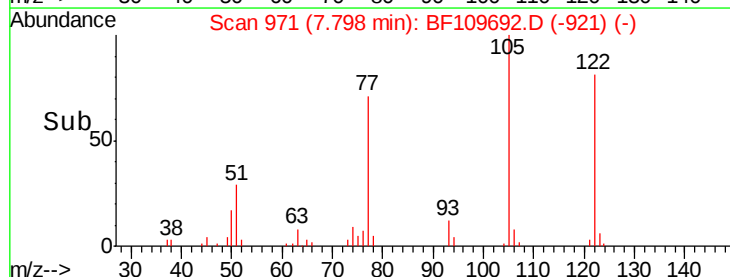
122 100

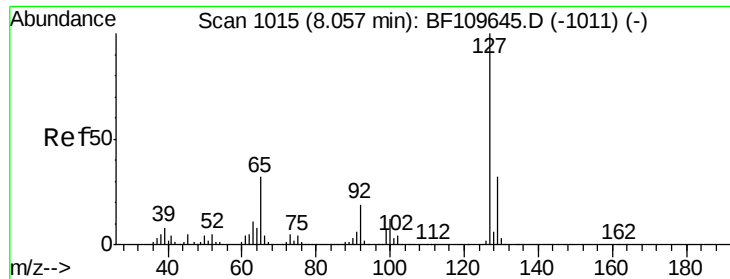
105 125.8 109.0 149.0

77 101.7 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

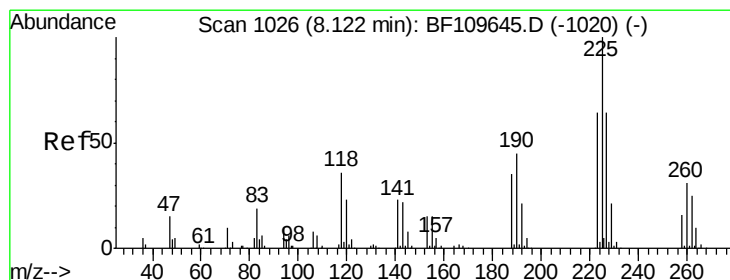
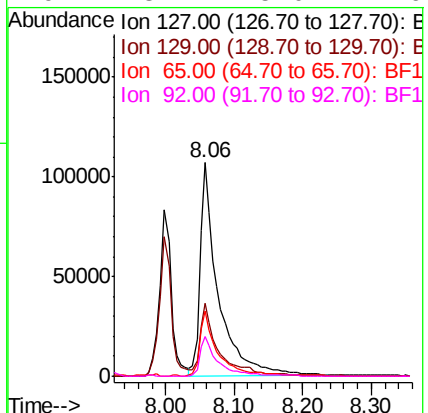
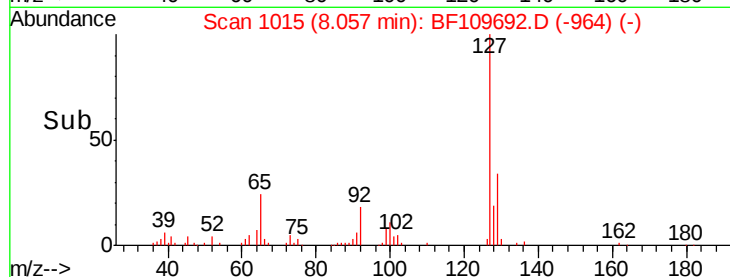
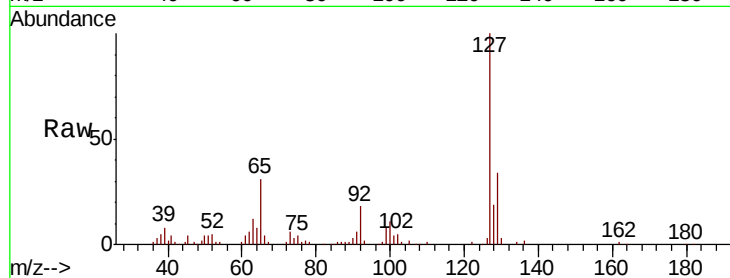




#33
4-Chloroaniline
Concen: 25.661 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

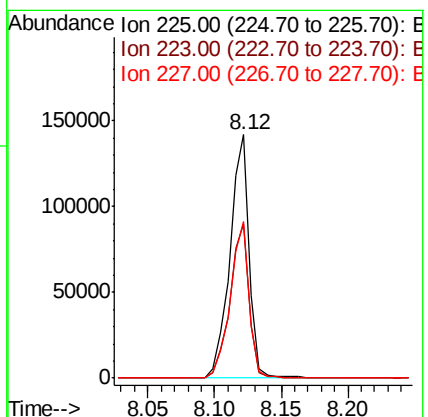
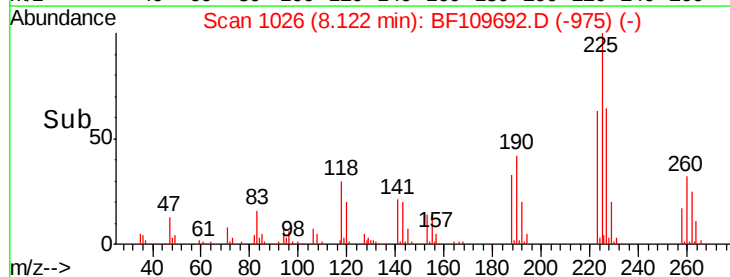
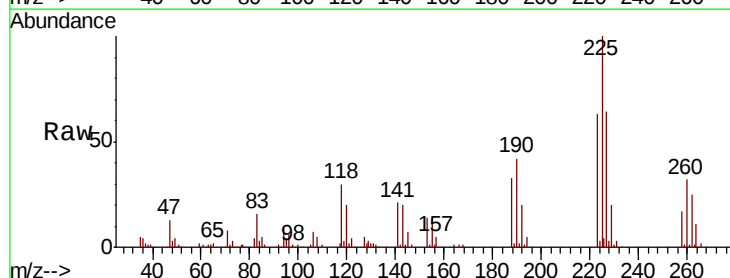
Instrument :
BNA_F
ClientSampleId :

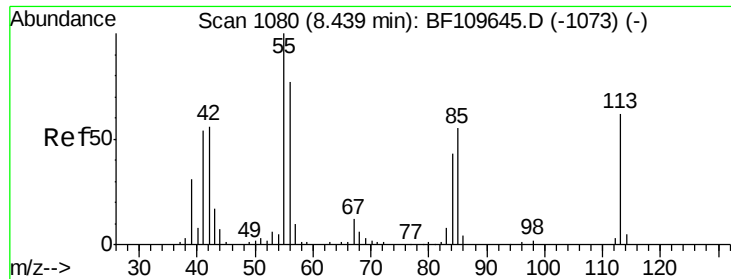
Tot Ion:	127	Resp:	198526
Ion	Ratio	Lower	Upper
127	100		
129	33.9	26.0	39.0
65	30.6	25.1	37.7
92	18.4	15.0	22.6



#34
Hexachlorobutadiene
Concen: 38.495 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion:	225	Resp:	143953
Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.4	77.2
227	64.3	51.0	76.6

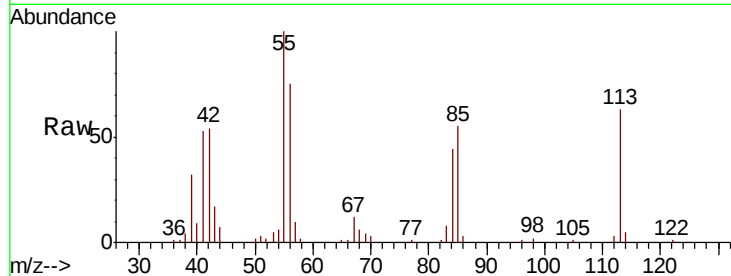




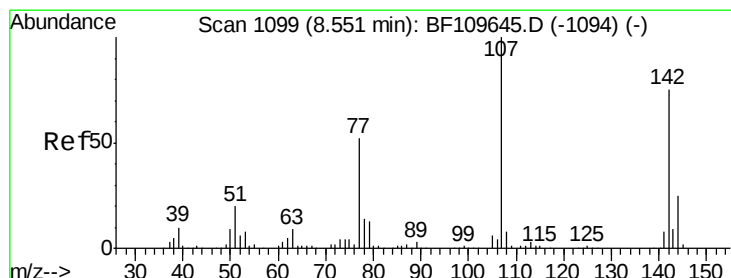
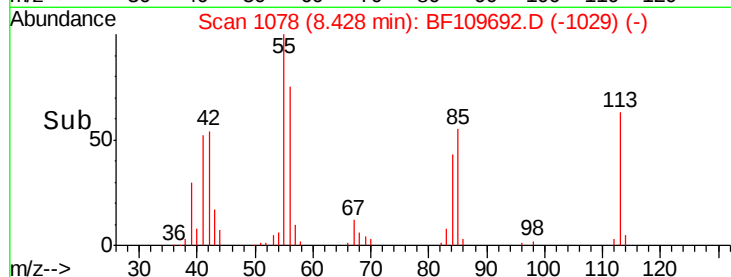
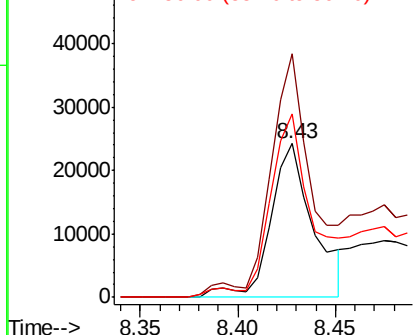
#35
 Caprolactam
 Concen: 22.506 ng
 RT: 8.43 min Scan# 1078
 Delta R.T. -0.01 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 36516
 Ion Ratio Lower Upper
 113 100
 55 158.6 142.8 182.8
 56 119.2 105.0 145.0

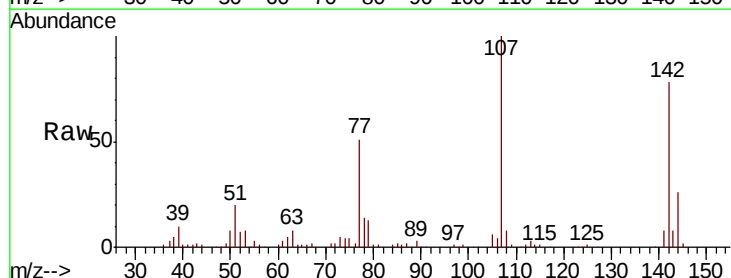


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

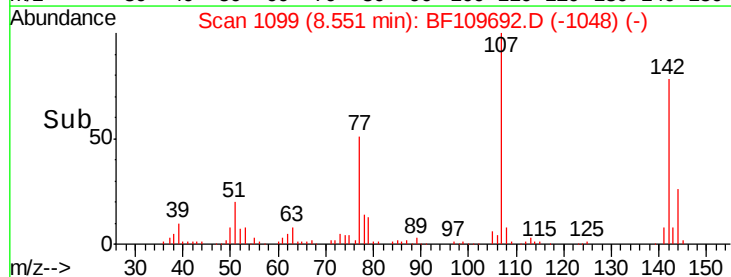
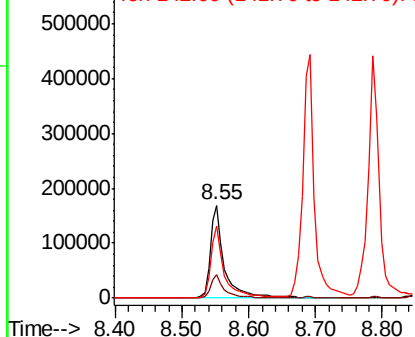


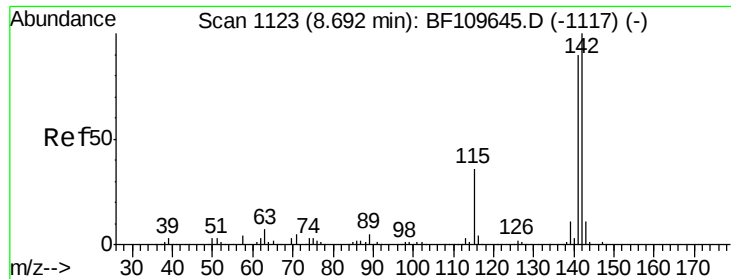
#36
 4-Chloro-3-methylphenol
 Concen: 43.781 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Tgt Ion:107 Resp: 251083
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.0 30.0
 142 77.8 59.7 89.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

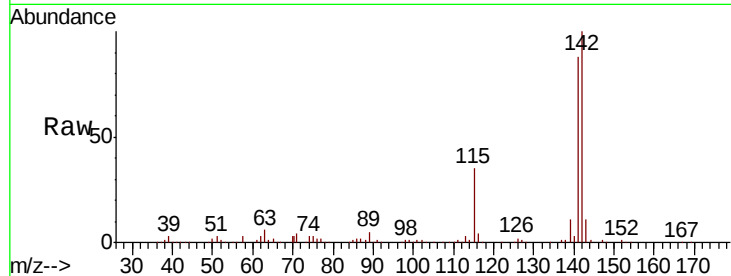




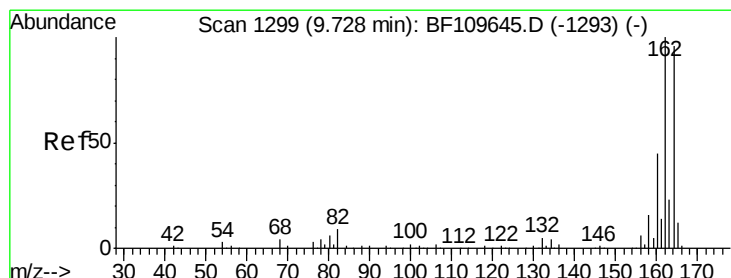
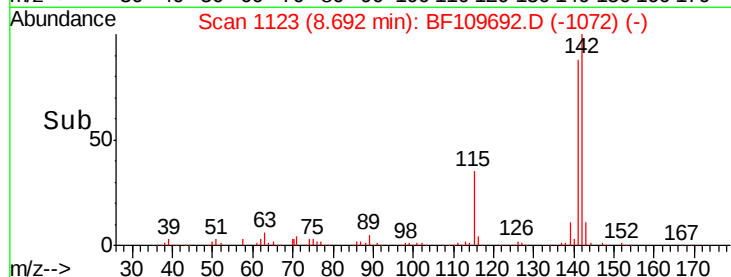
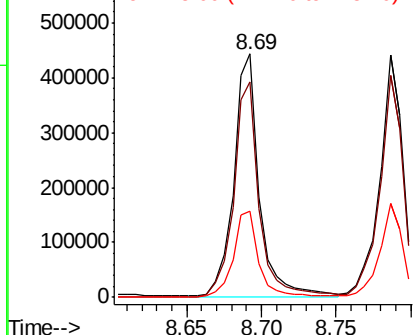
#37
2-Methylnaphthalene
Concen: 46.561 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 535822
Ion Ratio Lower Upper
142 100
141 88.4 71.4 107.2
115 35.4 28.7 43.1

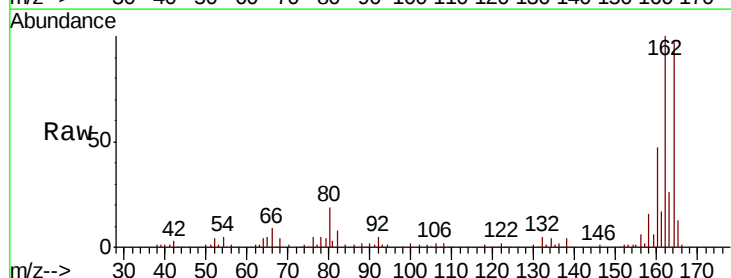


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

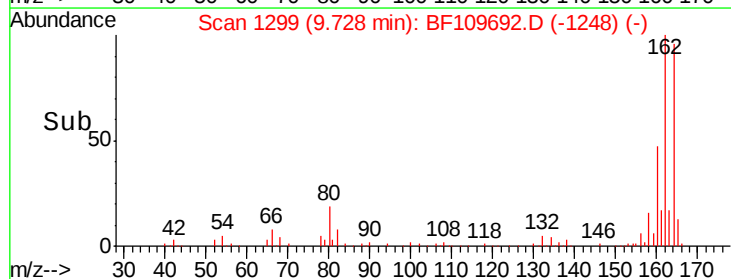
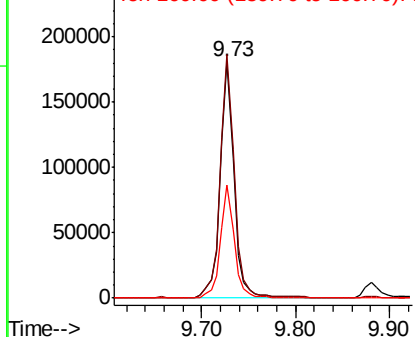


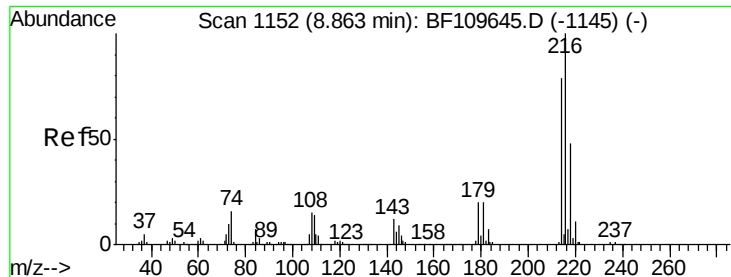
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion:164 Resp: 188922
Ion Ratio Lower Upper
164 100
162 103.2 83.0 124.6
160 48.0 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

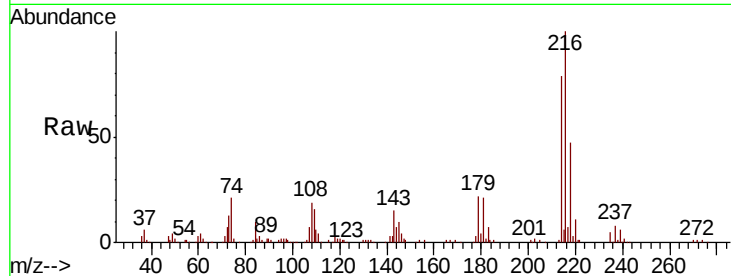




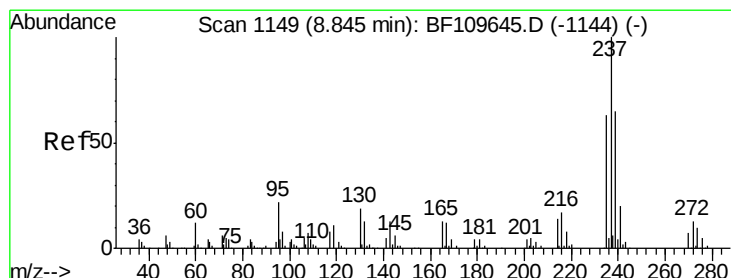
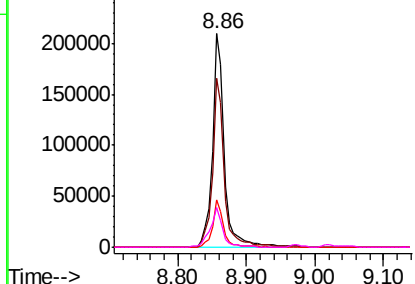
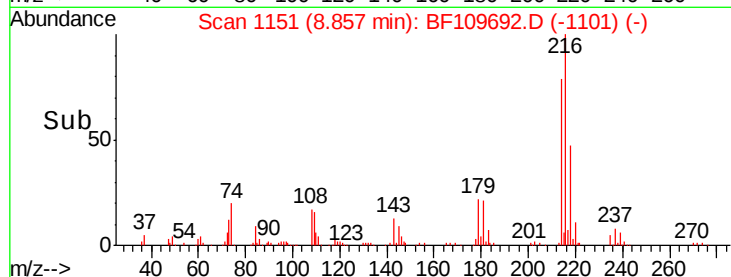
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.663 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:216	Resp:	248641
Ion Ratio	Lower	Upper
216	100	
214	78.6	63.8 95.6
179	20.7	16.6 25.0
108	20.8	15.1 22.7

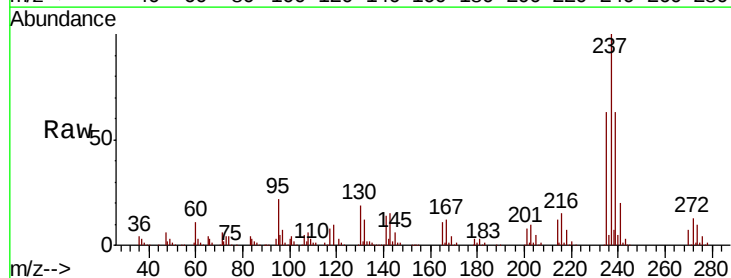


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

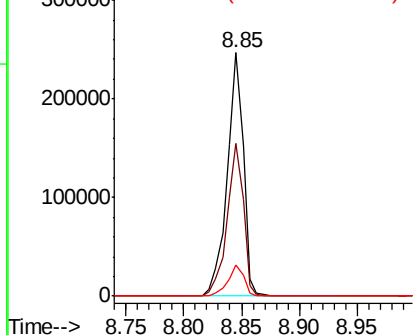
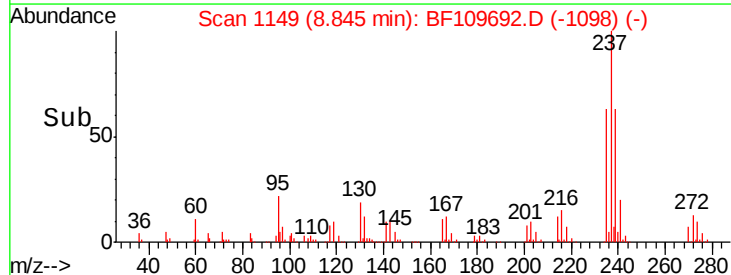


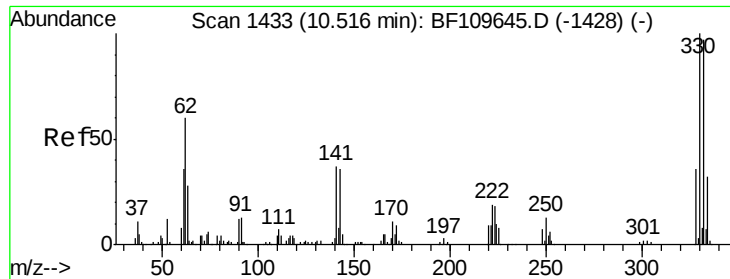
#40
 Hexachlorocyclopentadiene
 Concen: 84.695 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Tgt Ion:237	Resp:	239800
Ion Ratio	Lower	Upper
237	100	
235	62.8	43.1 83.1
272	12.7	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

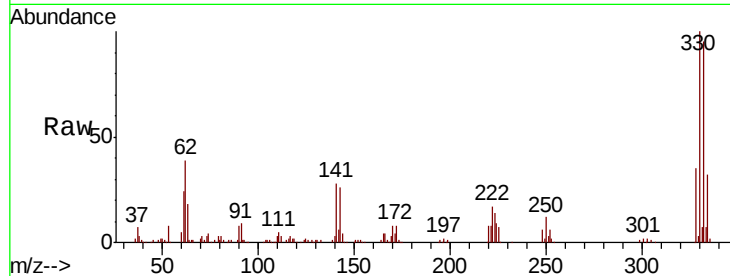




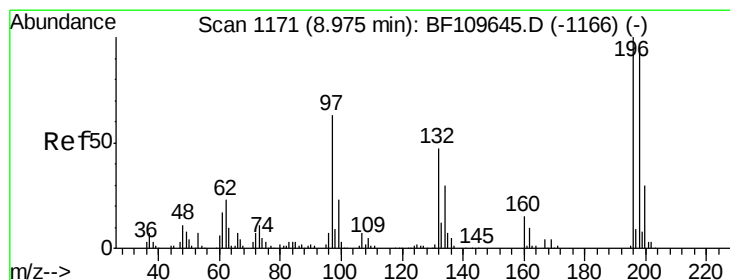
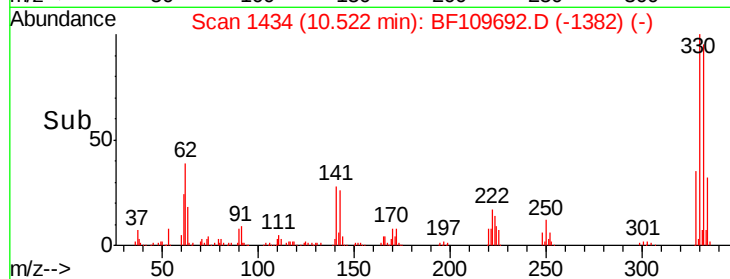
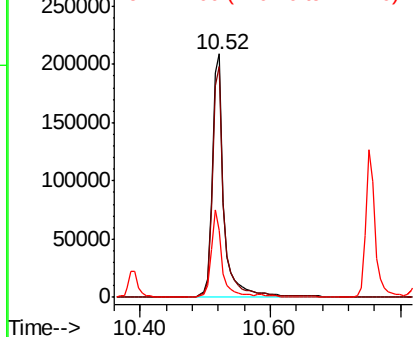
#41
 2,4,6-Tribromophenol
 Concen: 125.573 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 258493
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.1 115.7
 141 33.4 27.0 40.4

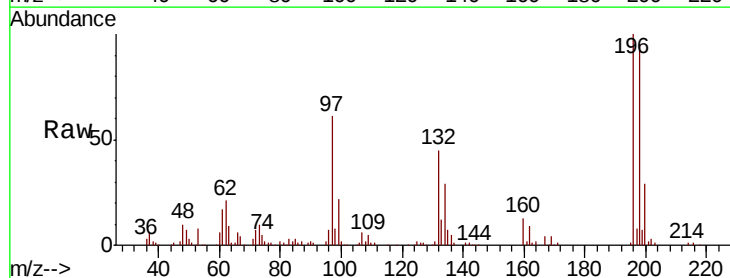


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

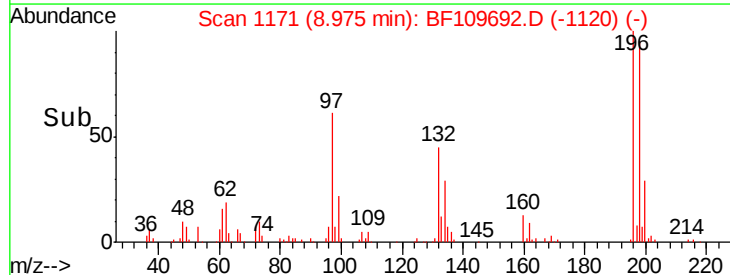
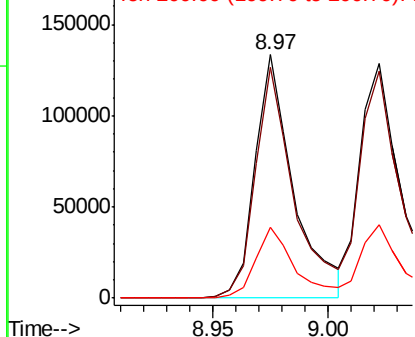


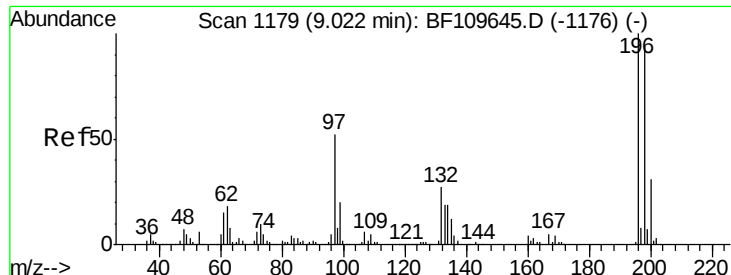
#42
 2,4,6-Trichlorophenol
 Concen: 40.424 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Tgt Ion:196 Resp: 155405
 Ion Ratio Lower Upper
 196 100
 198 94.5 76.2 114.4
 200 29.2 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

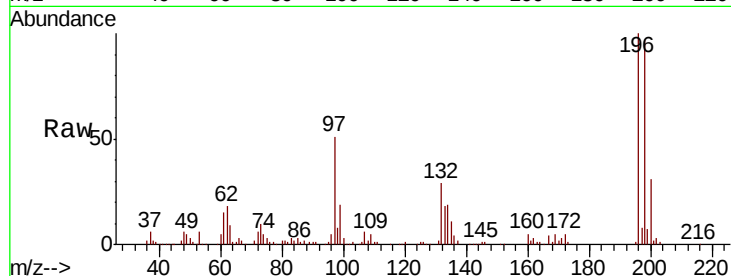




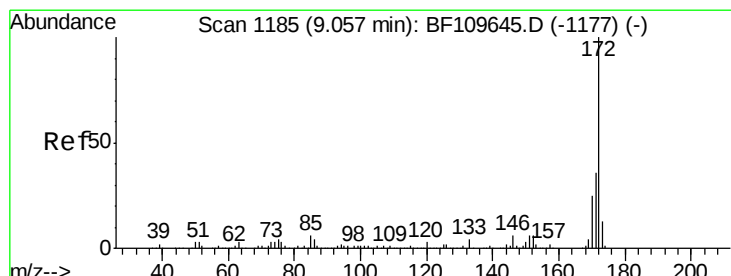
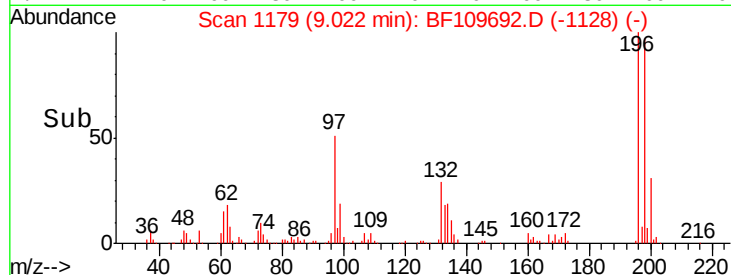
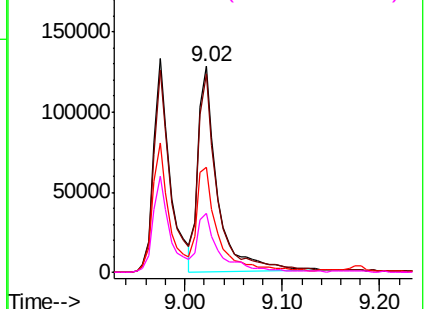
#43
2,4,5-Trichlorophenol
Concen: 40.208 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:196 Resp: 177731
Ion Ratio Lower Upper
196 100
198 96.8 75.8 113.6
97 51.2 42.4 63.6
132 28.7 22.8 34.2

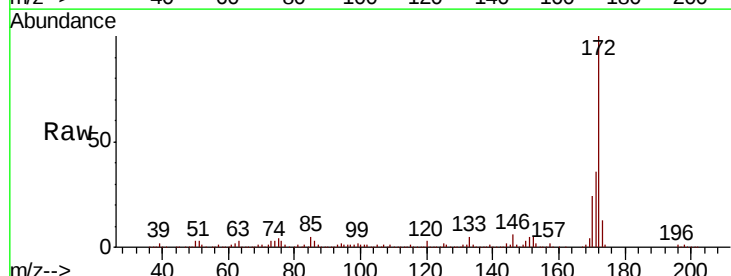


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

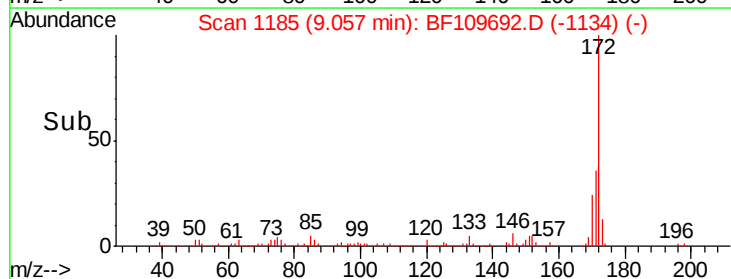
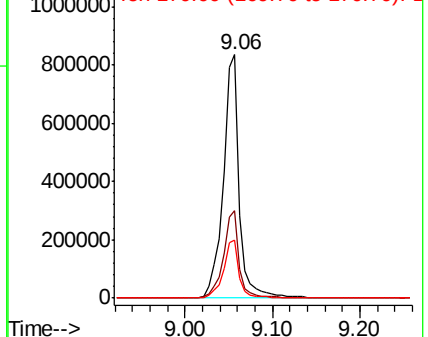


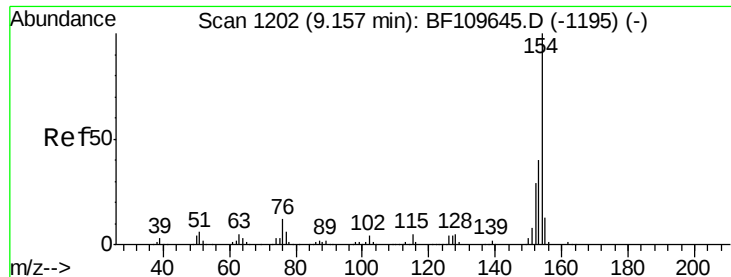
#44
2-Fluorobiphenyl
Concen: 77.111 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion:172 Resp: 1057751
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.0 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: 38.505 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

Instrument :

BNA_F

ClientSampleId :

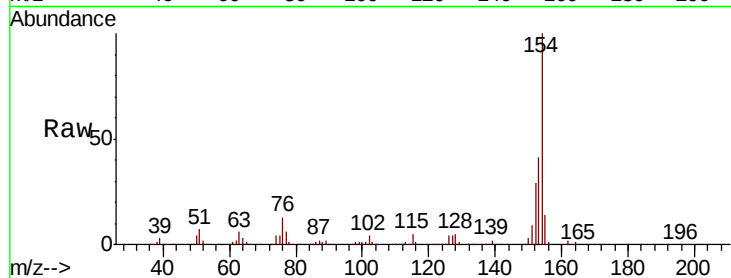
Tot Ion:154 Resp: 649870

Ion Ratio Lower Upper

154 100

153 41.2 20.4 60.4

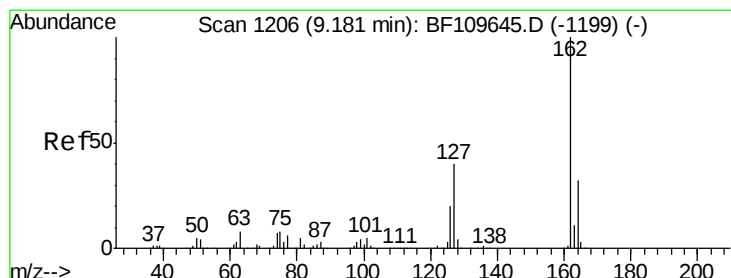
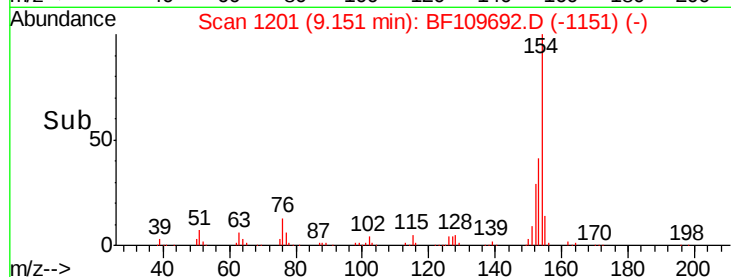
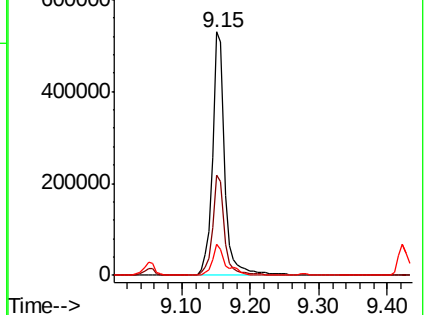
76 13.0 0.0 31.9



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: 39.694 ng

RT: 9.18 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

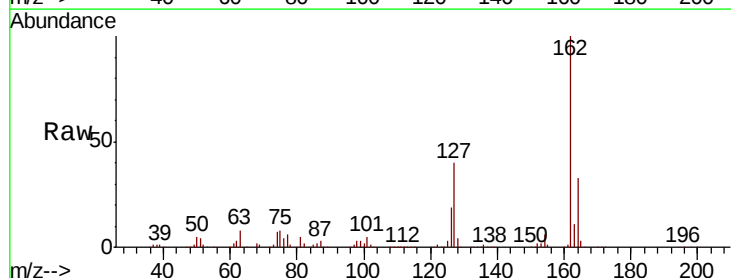
Tgt Ion:162 Resp: 501900

Ion Ratio Lower Upper

162 100

127 40.0 32.6 48.8

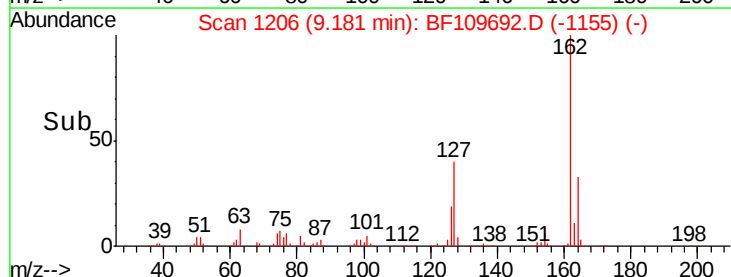
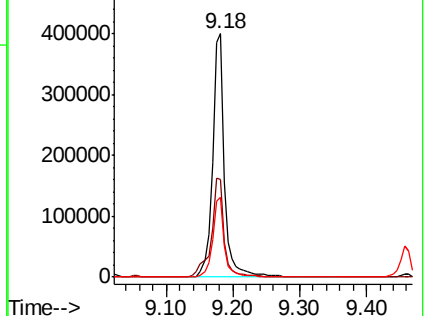
164 32.9 25.9 38.9

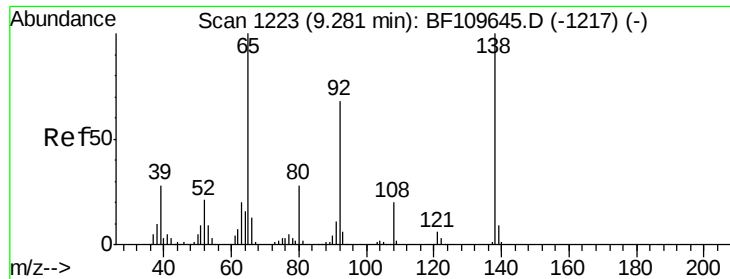


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

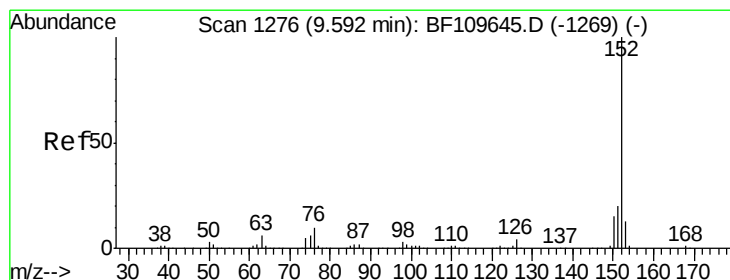
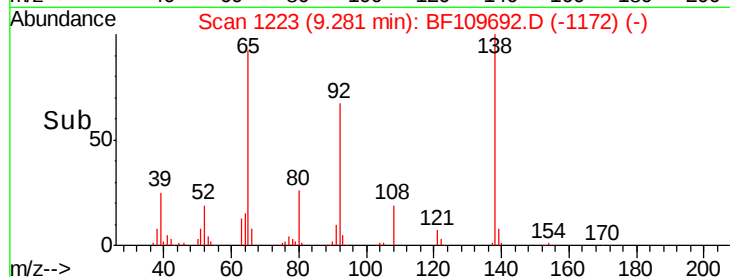
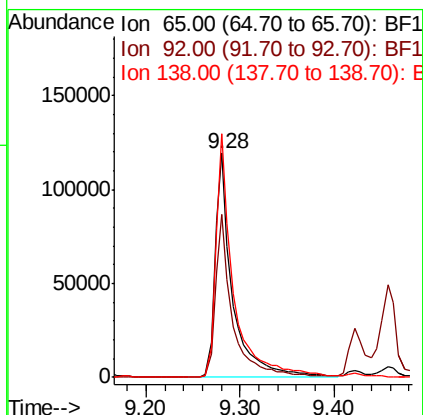
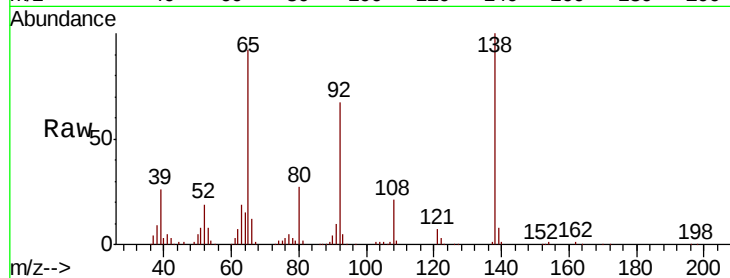




#47
2-Nitroaniline
Concen: 40.810 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

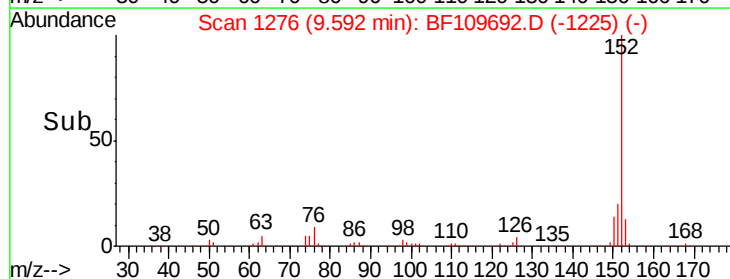
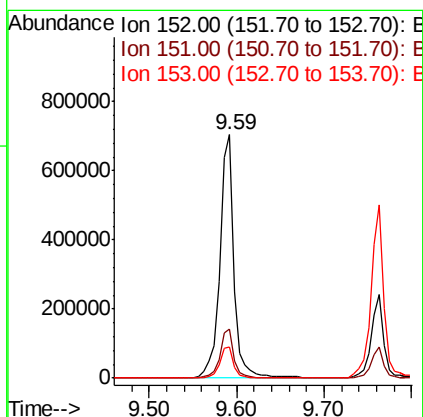
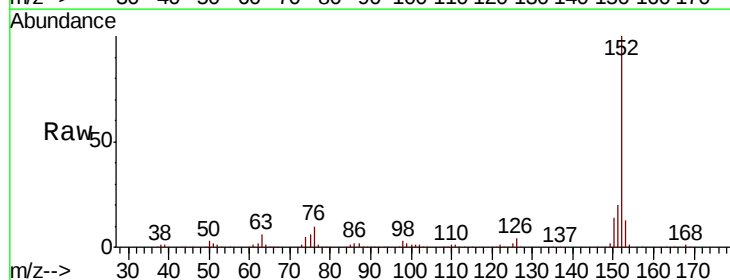
Instrument :
BNA_F
ClientSampleId :

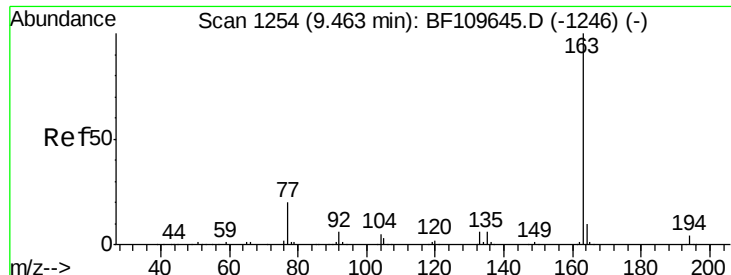
Tot Ion: 65 Resp: 156245
Ion Ratio Lower Upper
65 100
92 72.9 54.6 81.8
138 108.5 80.3 120.5



#48
Acenaphthylene
Concen: 43.041 ng
RT: 9.59 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion: 152 Resp: 793414
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 12.6 10.4 15.6

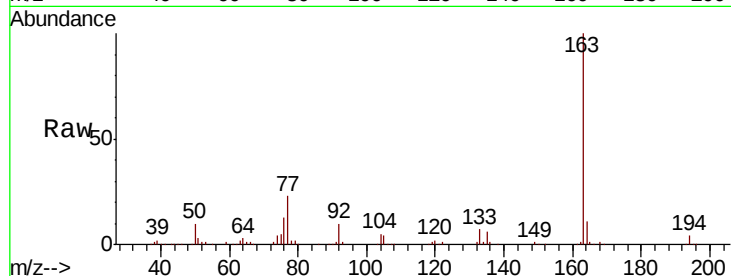




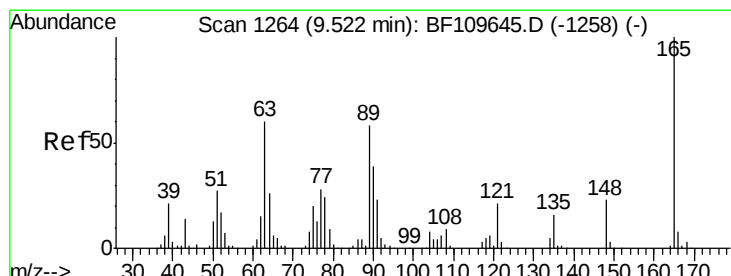
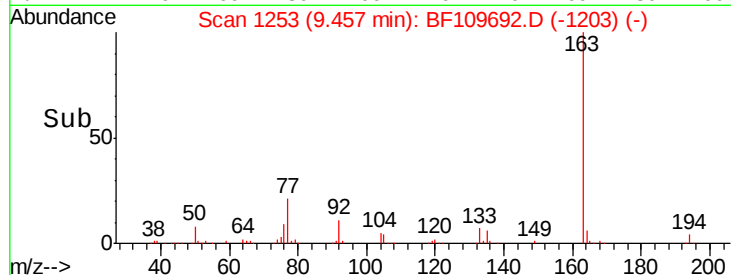
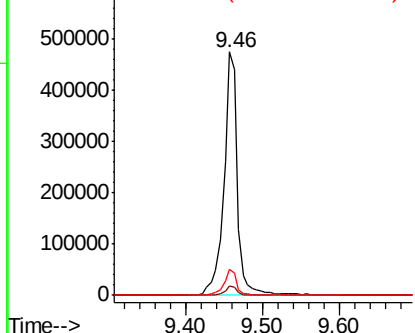
#49
Dimethylphthalate
Concen: 41.742 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 578366
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.6 8.1 12.1

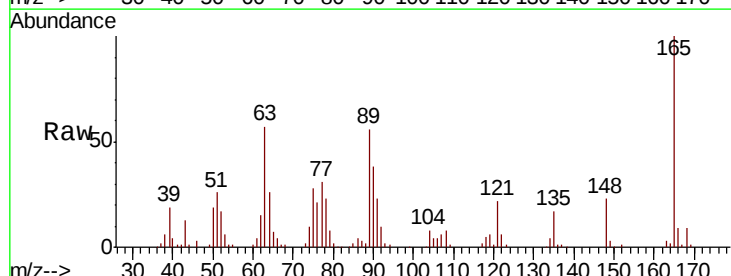


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

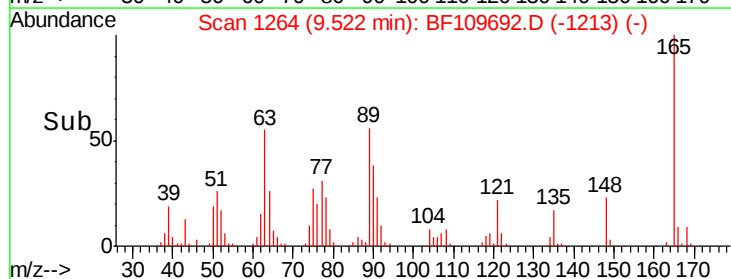
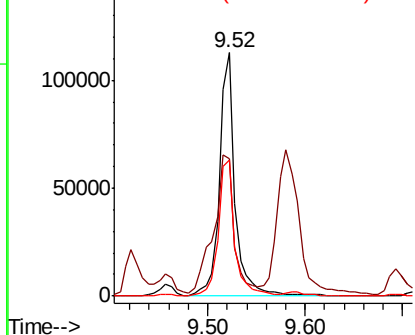


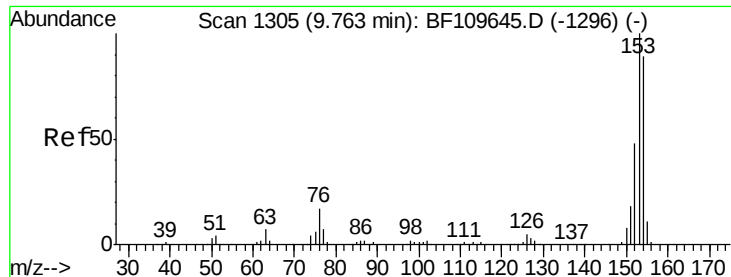
#50
2,6-Dinitrotoluene
Concen: 41.803 ng
RT: 9.52 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion:165 Resp: 125553
Ion Ratio Lower Upper
165 100
63 56.6 48.9 73.3
89 55.8 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: 40.325 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

Instrument :

BNA_F

ClientSampleId :

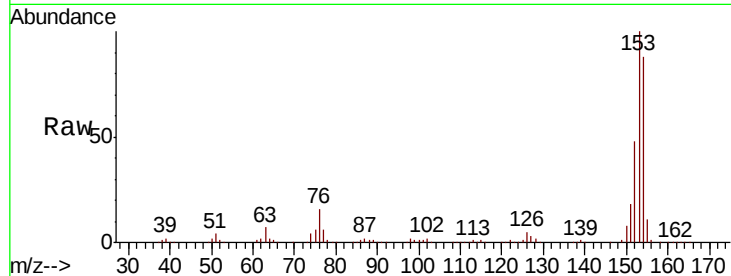
Tot Ion:154 Resp: 440656

Ion Ratio Lower Upper

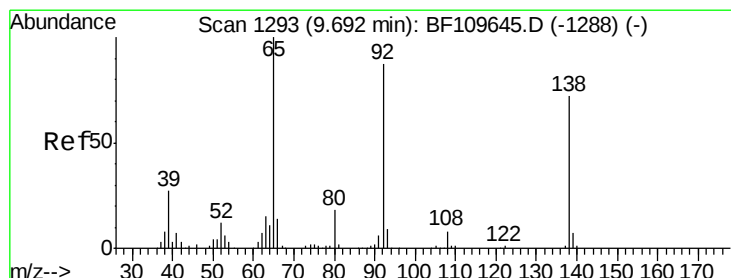
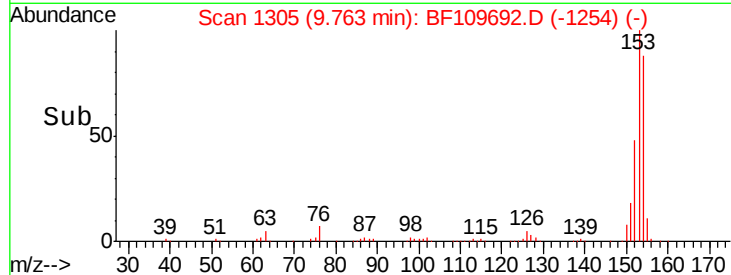
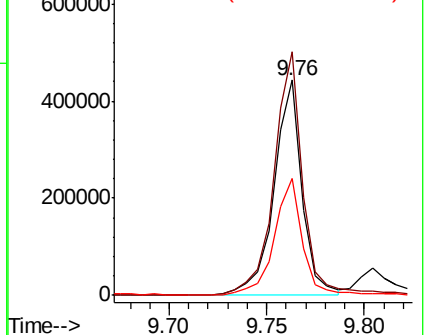
154 100

153 113.1 90.1 135.1

152 54.2 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: 27.927 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

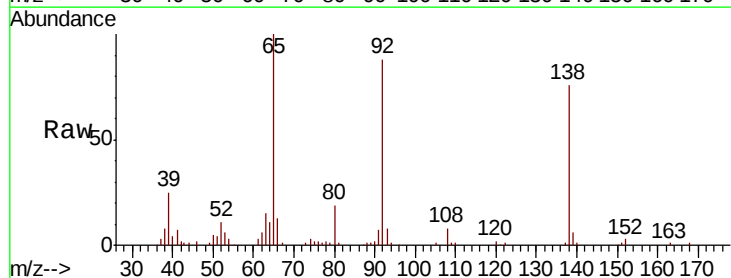
Tgt Ion:138 Resp: 94022

Ion Ratio Lower Upper

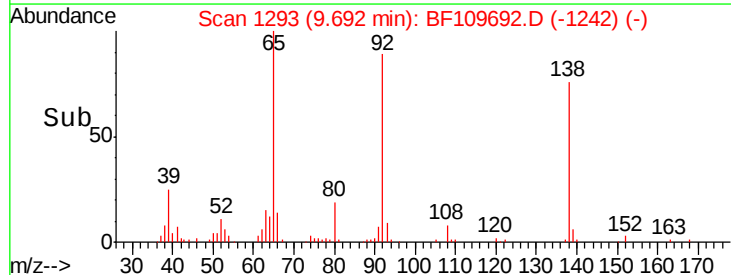
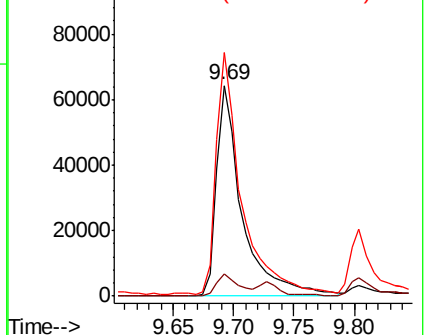
138 100

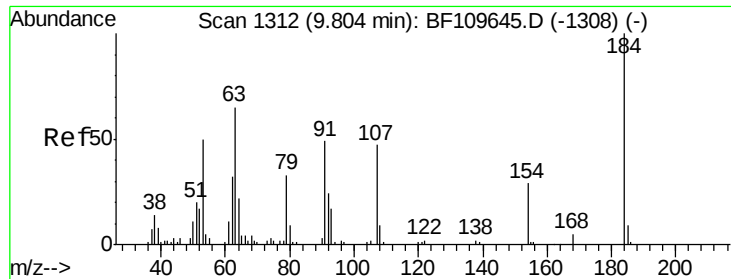
108 10.3 8.7 13.1

92 115.5 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

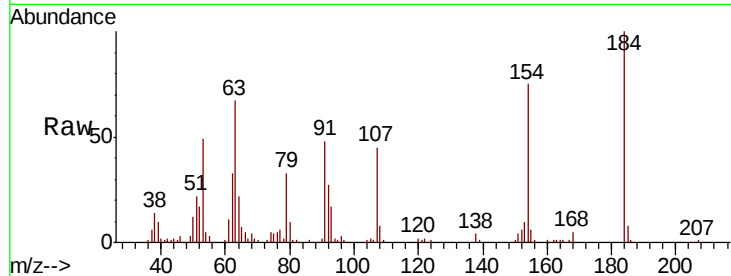




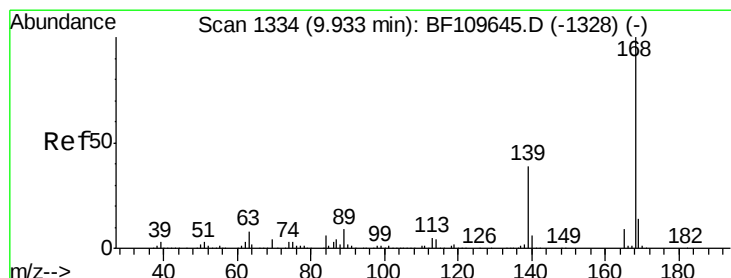
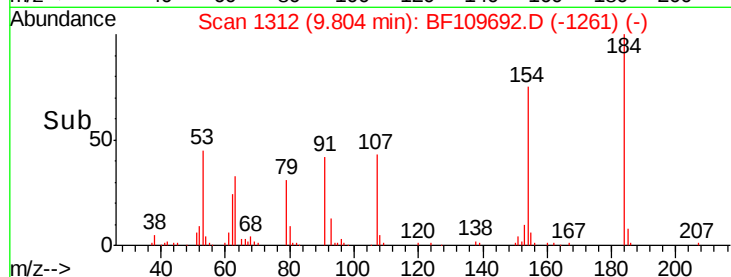
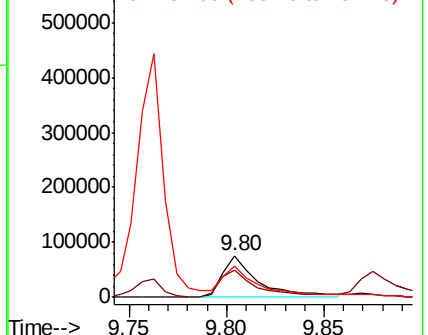
#53
2,4-Dinitrophenol
Concen: 99.705 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 96616
Ion Ratio Lower Upper
184 100
63 66.5 55.8 83.6
154 75.3 63.2 94.8

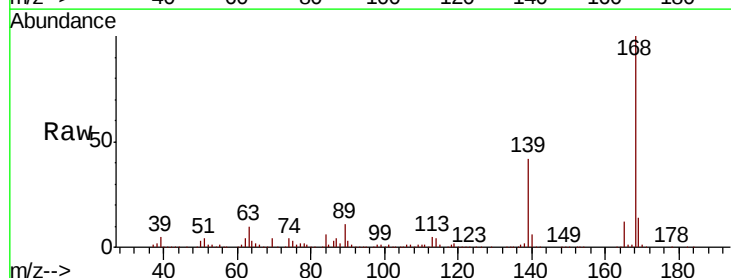


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

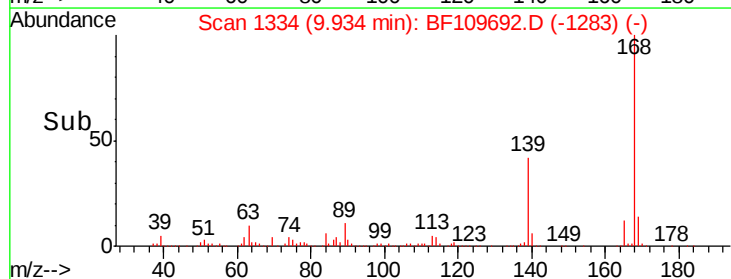
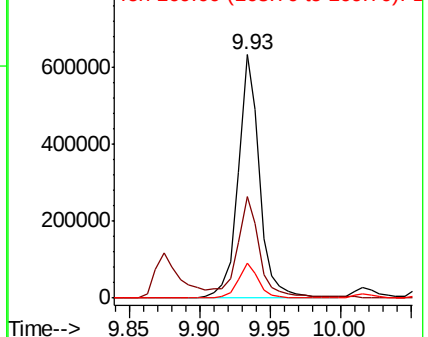


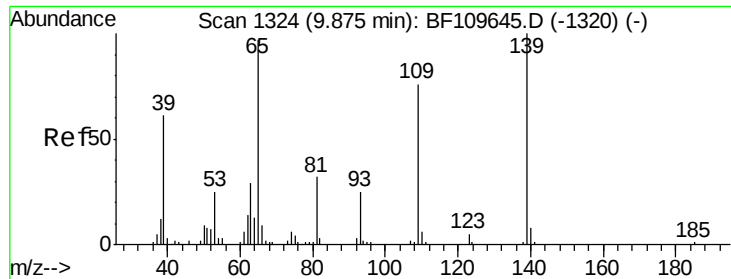
#54
Dibenzofuran
Concen: 40.741 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion:168 Resp: 667342
Ion Ratio Lower Upper
168 100
139 41.7 33.0 49.6
169 14.3 11.3 16.9



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

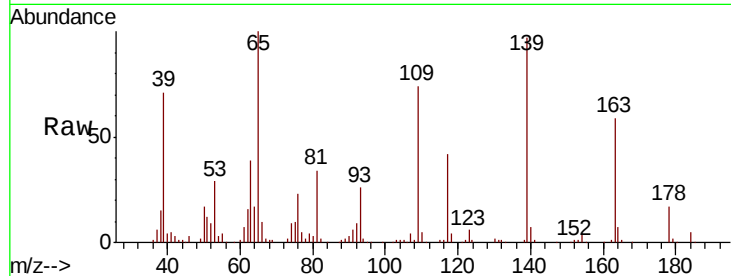




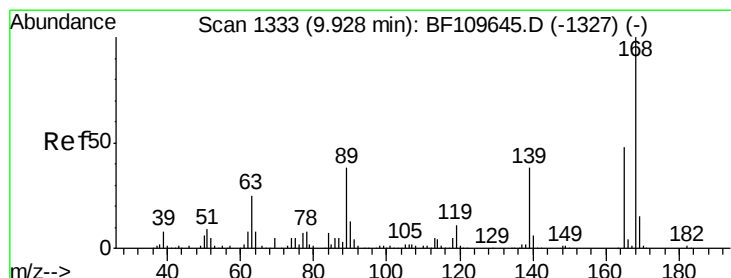
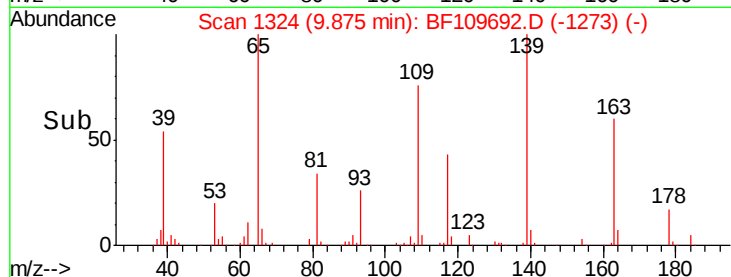
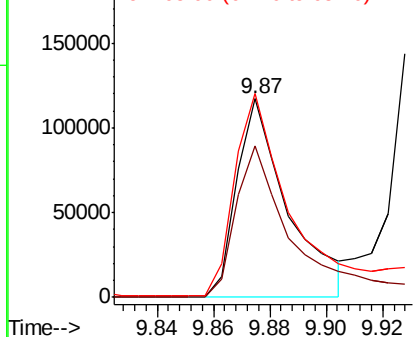
#55
4-Nitrophenol
Concen: 79.801 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 147060
Ion Ratio Lower Upper
139 100
109 76.3 55.8 95.8
65 102.8 77.9 117.9

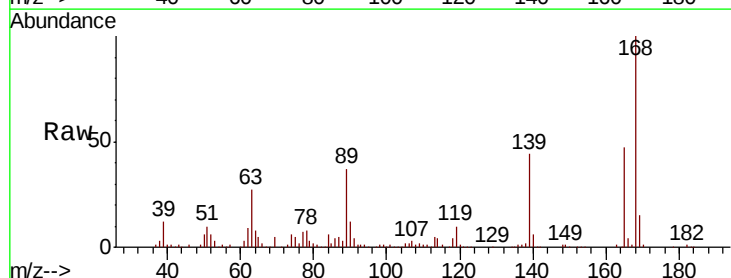


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

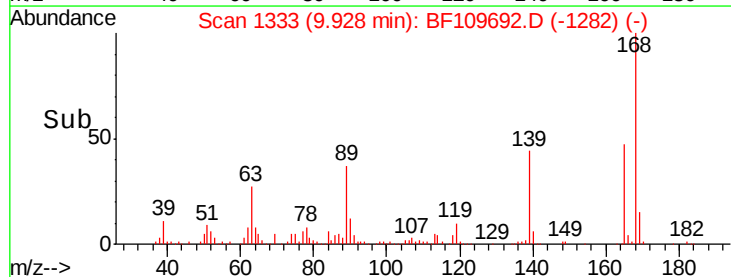
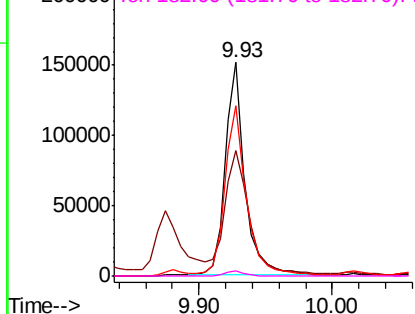


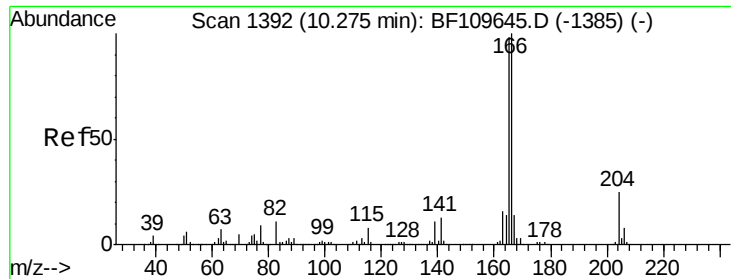
#56
2,4-Dinitrotoluene
Concen: 41.989 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion:165 Resp: 157382
Ion Ratio Lower Upper
165 100
63 58.6 44.8 67.2
89 79.9 62.2 93.4
182 2.6 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

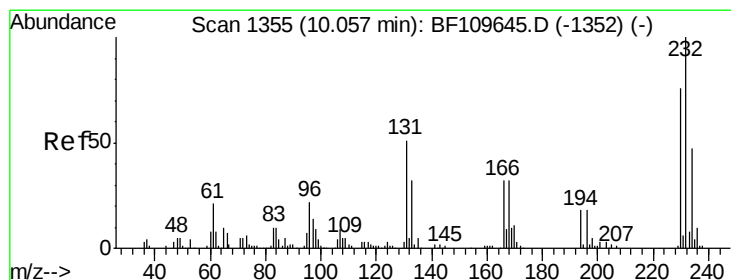
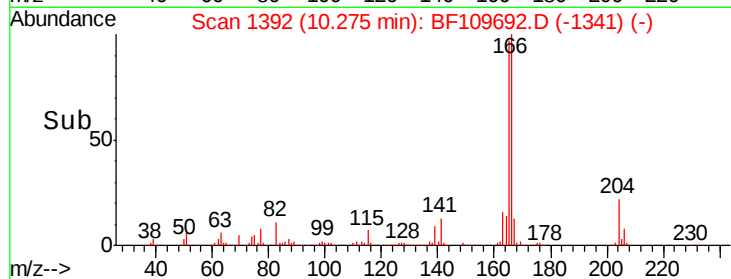
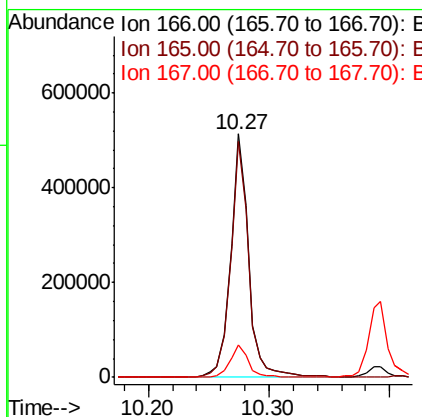
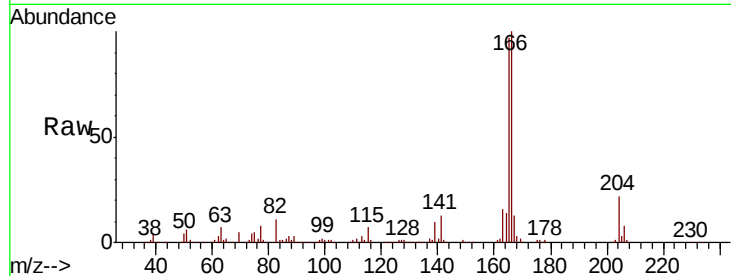




#57
 Fluorene
 Concen: 43.819 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

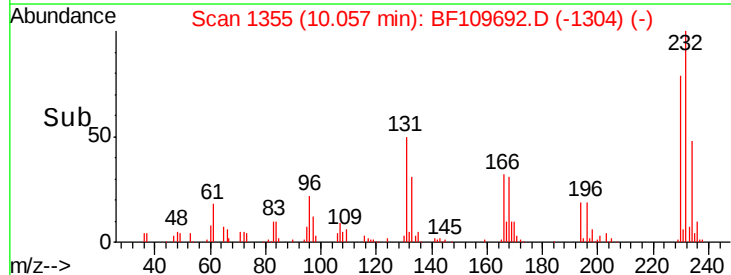
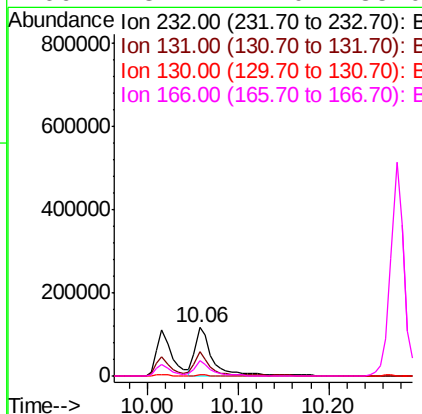
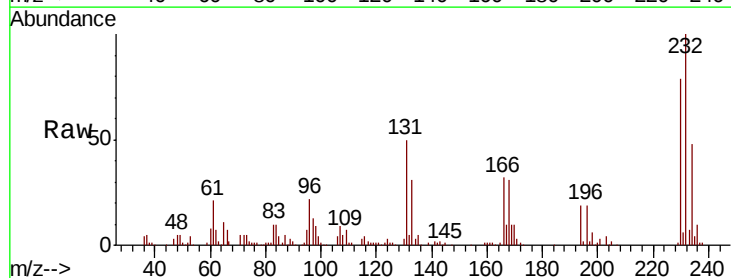
Instrument :
 BNA_F
 ClientSampleId :

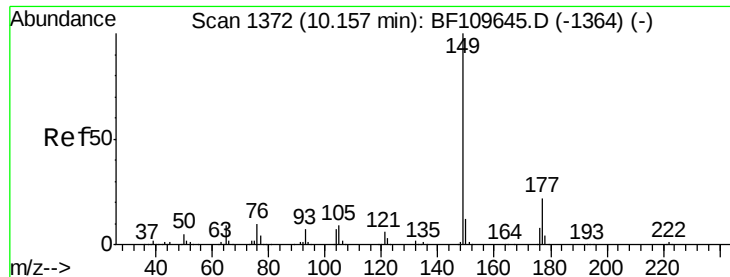
Tot Ion:166 Resp: 536008
 Ion Ratio Lower Upper
 166 100
 165 97.0 78.6 117.8
 167 13.1 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.124 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Tgt Ion:232 Resp: 151359
 Ion Ratio Lower Upper
 232 100
 131 43.0 37.0 55.4
 130 2.2 1.8 2.6
 166 28.4 22.0 33.0

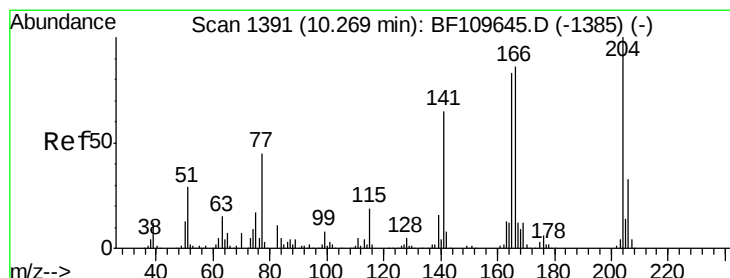
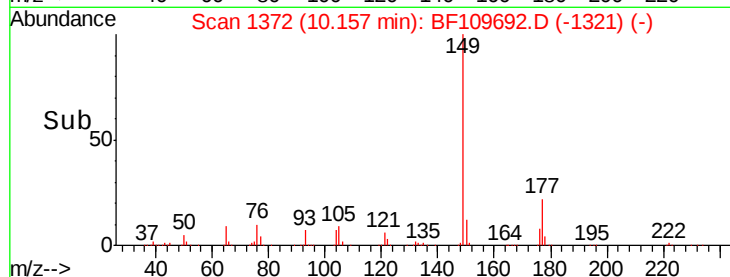
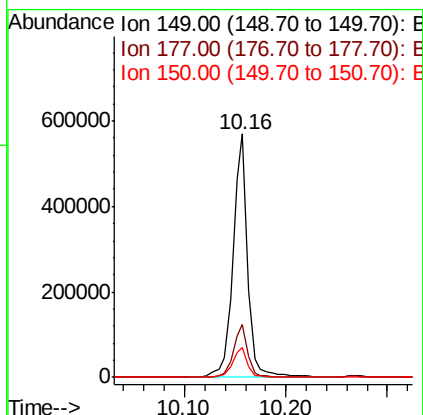
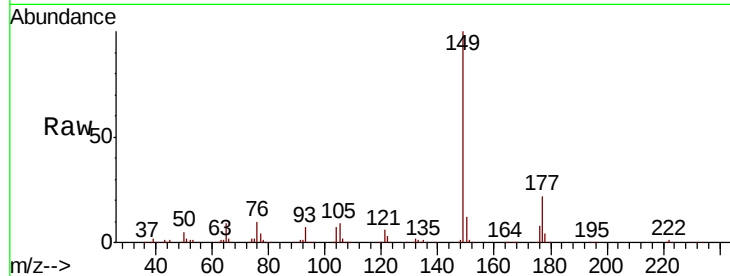




#59
Diethylphthalate
Concen: 41.586 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

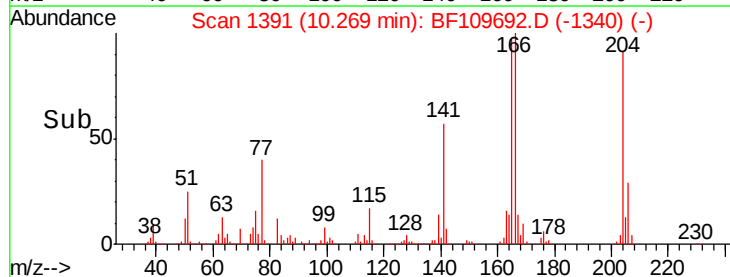
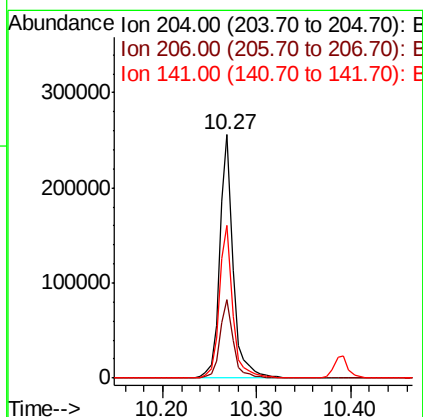
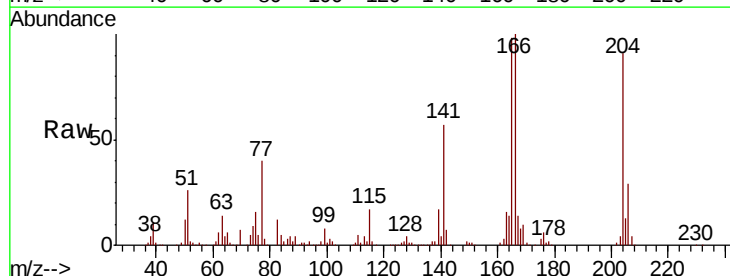
Instrument :
BNA_F
ClientSampleId :

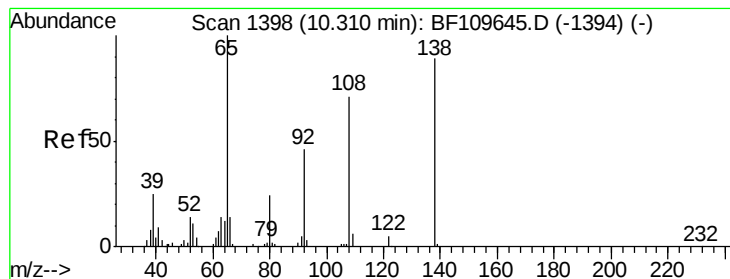
Tot Ion:149 Resp: 570915
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.2
150 12.4 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 39.504 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion:204 Resp: 254933
Ion Ratio Lower Upper
204 100
206 32.2 26.5 39.7
141 62.6 51.8 77.8





#61

4-Nitroaniline

Concen: 41.532 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

Instrument :

BNA_F

ClientSampleId :

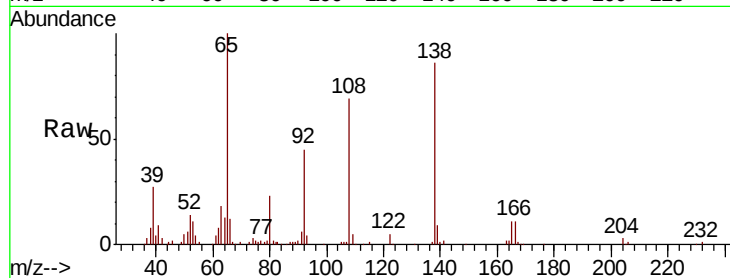
Tot Ion:138 Resp: 129494

Ion Ratio Lower Upper

138 100

92 52.3 31.7 71.7

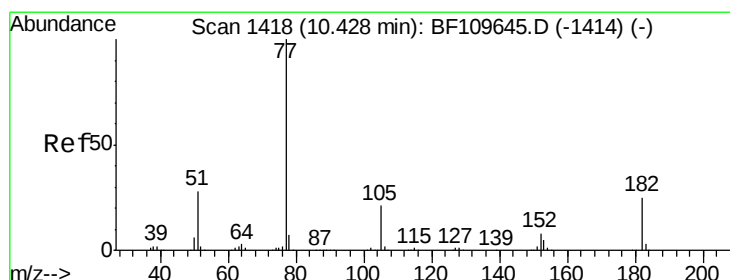
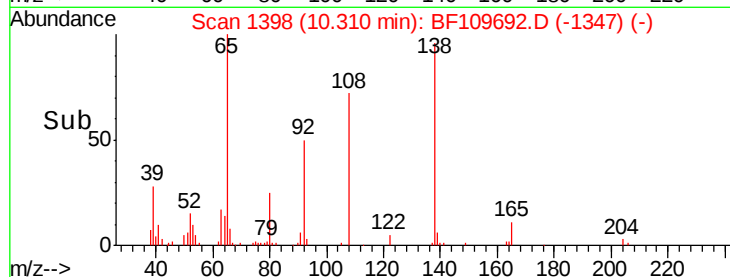
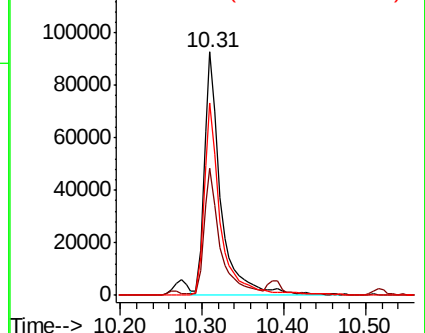
108 79.3 59.3 99.3



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: 41.838 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

Tgt Ion: 77 Resp: 583264

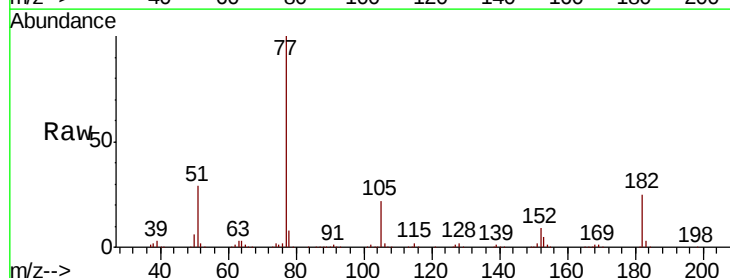
Ion Ratio Lower Upper

77 100

182 25.1 4.3 44.3

105 22.1 1.3 41.3

51 28.6 9.0 49.0

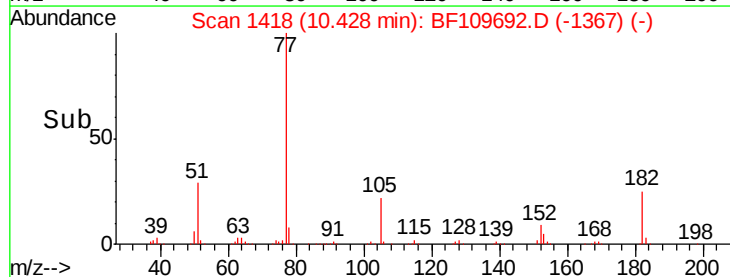
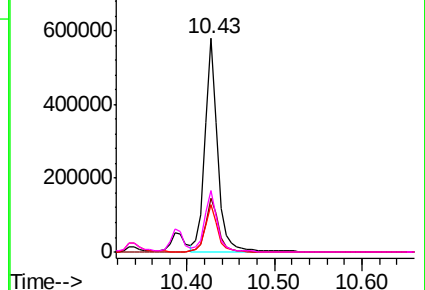


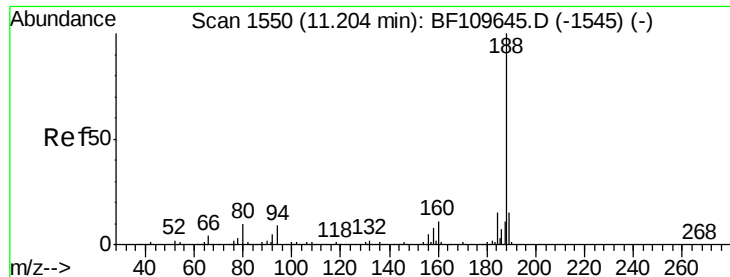
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

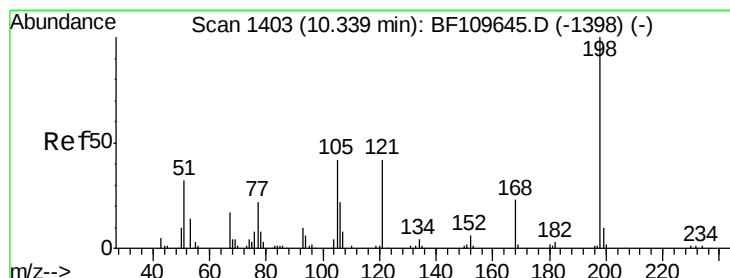
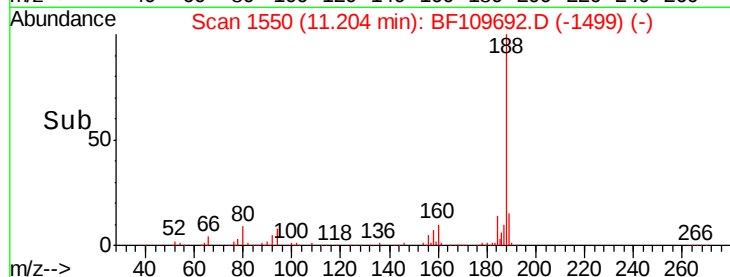
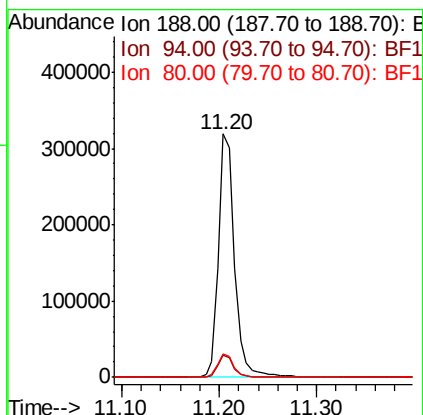
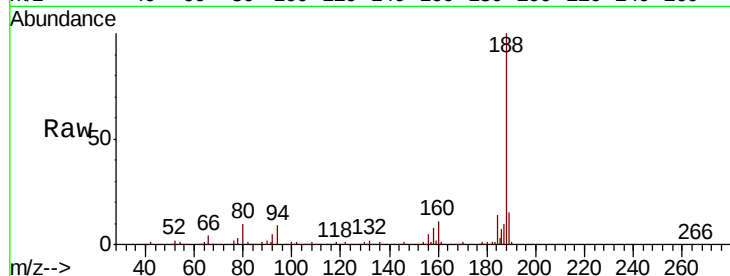




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

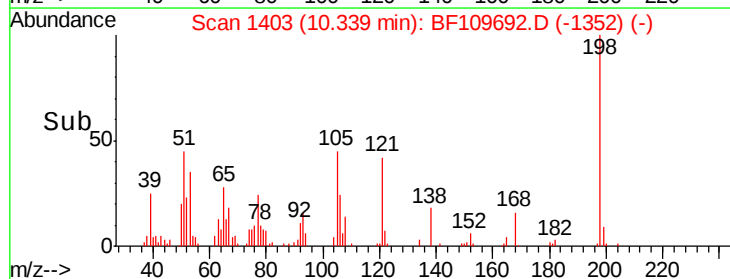
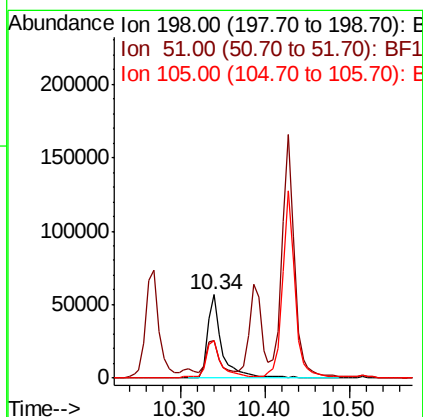
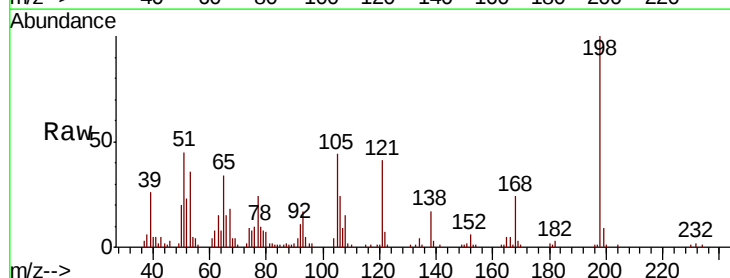
Instrument :
BNA_F
ClientSampleId :

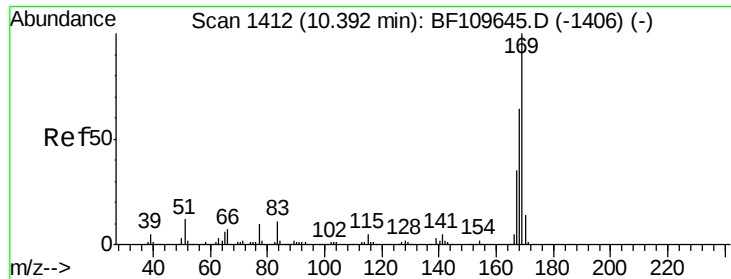
Tot Ion:188 Resp: 366999
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 9.6 7.9 11.9



#64
4,6-Dinitro-2-methylphenol
Concen: 37.797 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion:198 Resp: 67515
Ion Ratio Lower Upper
198 100
51 45.0 22.8 62.8
105 44.4 23.6 63.6

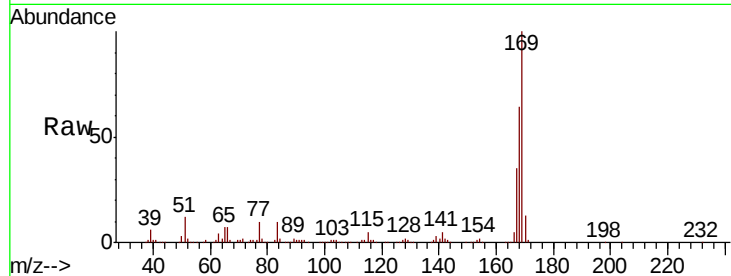




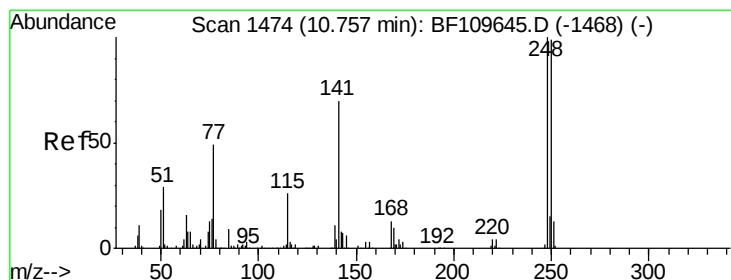
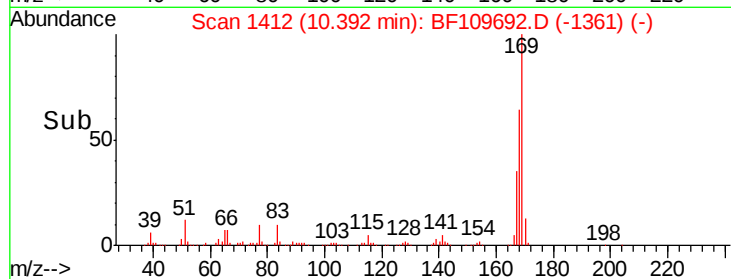
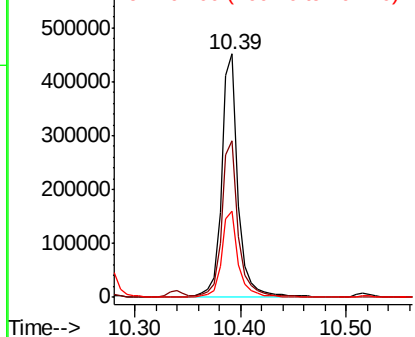
#65
 n-Nitrosodiphenylamine
 Concen: 39.186 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 487528
 Ion Ratio Lower Upper
 169 100
 168 64.3 51.2 76.8
 167 35.4 27.8 41.6

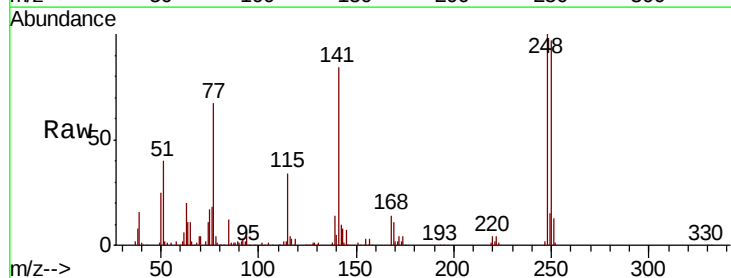


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

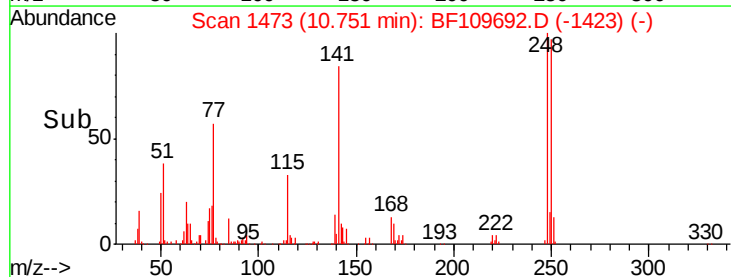
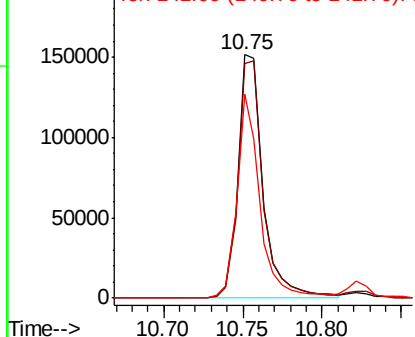


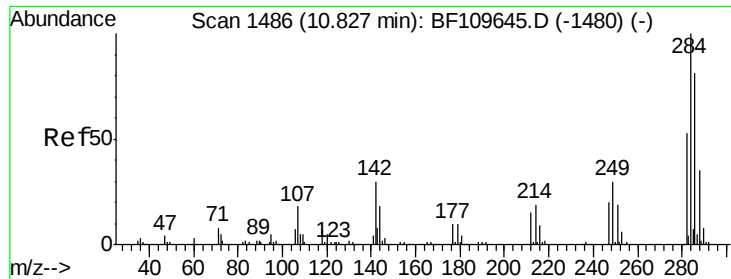
#66
 4-Bromophenyl-phenylether
 Concen: 39.593 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.01 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Tgt Ion:248 Resp: 166957
 Ion Ratio Lower Upper
 248 100
 250 96.6 79.4 119.2
 141 83.9 55.9 83.9#



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

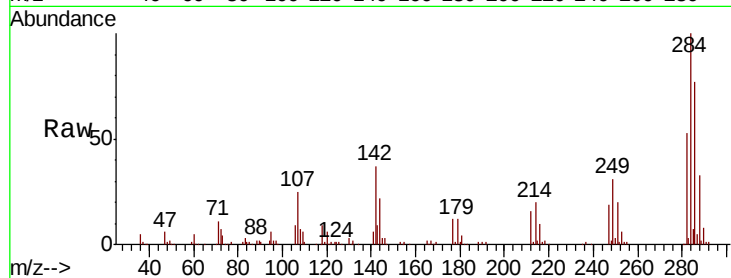




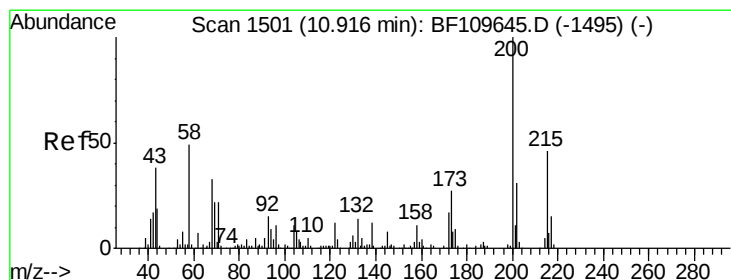
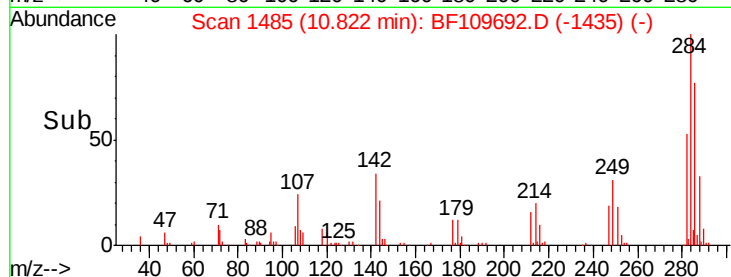
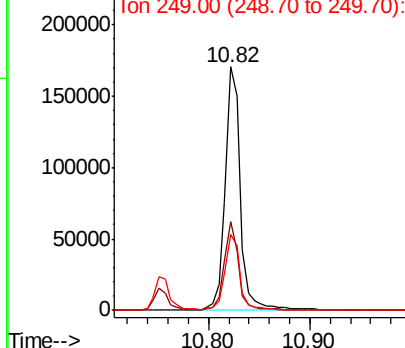
#67
Hexachlorobenzene
Concen: 38.941 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 177816
Ion Ratio Lower Upper
284 100
142 36.5 23.9 35.9#
249 31.4 24.2 36.2

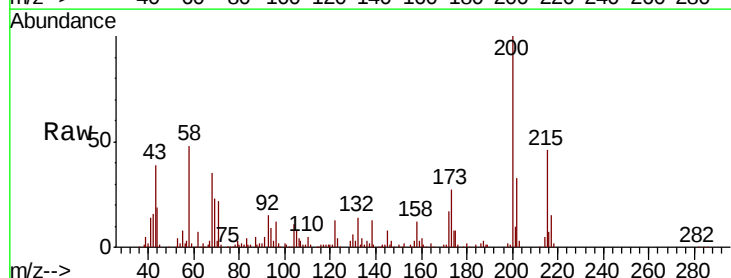


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

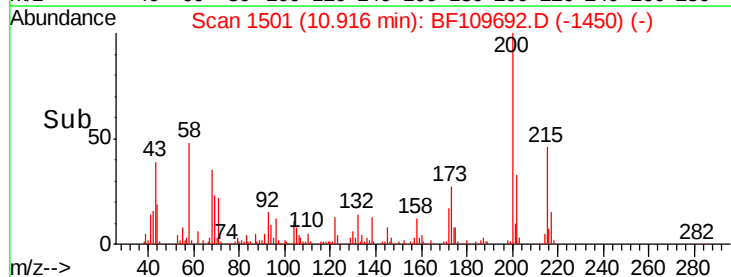
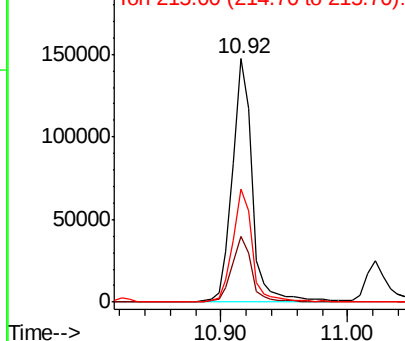


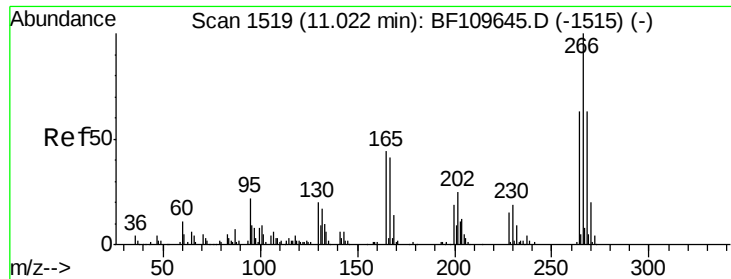
#68
Atrazine
Concen: 40.899 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion:200 Resp: 158800
Ion Ratio Lower Upper
200 100
173 27.1 6.6 46.6
215 46.3 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

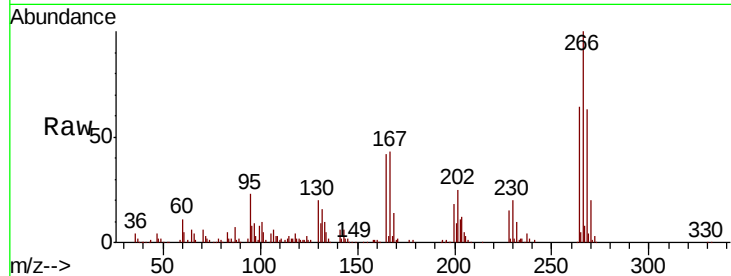




#69
 Pentachlorophenol
 Concen: 66.933 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.0	50.6	75.8
264	63.7	50.6	75.8

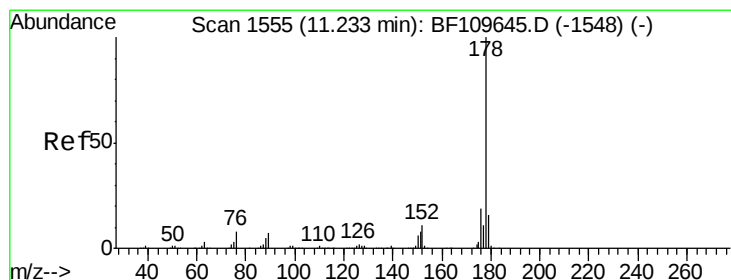
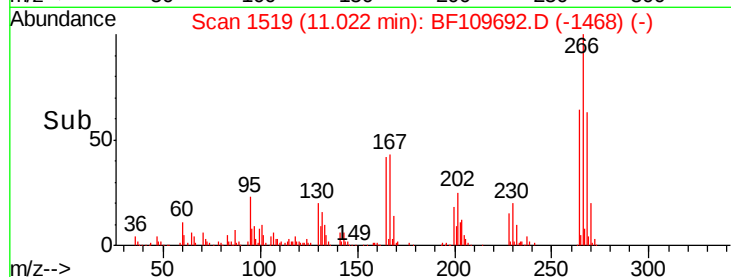
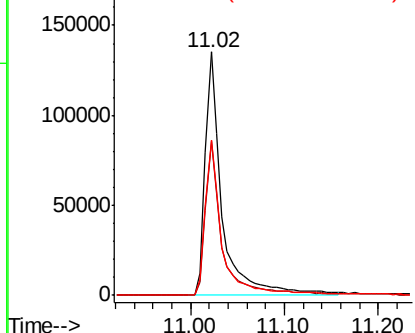


Abundance

Ion 265.70 (265.40 to 266.40): E

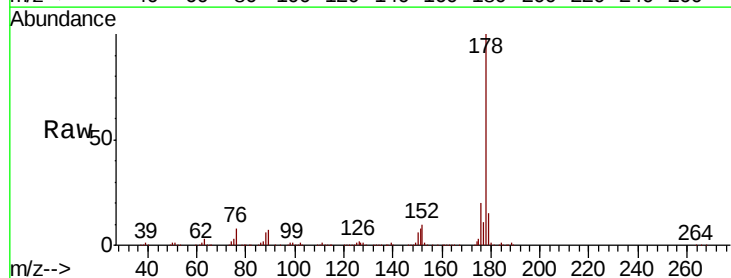
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 42.599 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. 0.00 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	15.4	12.5	18.7

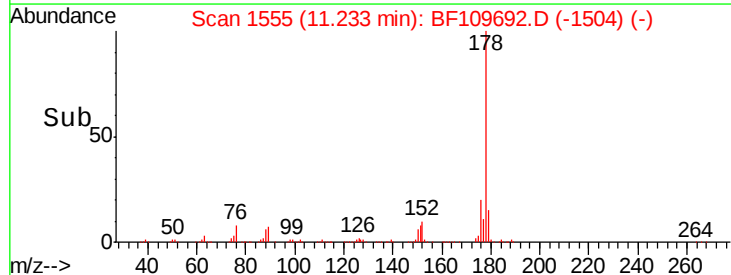
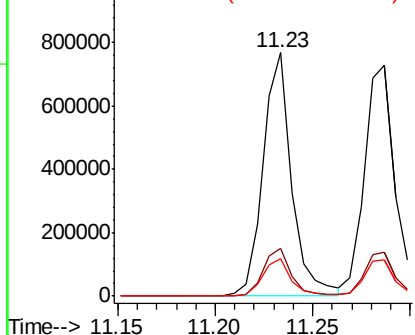


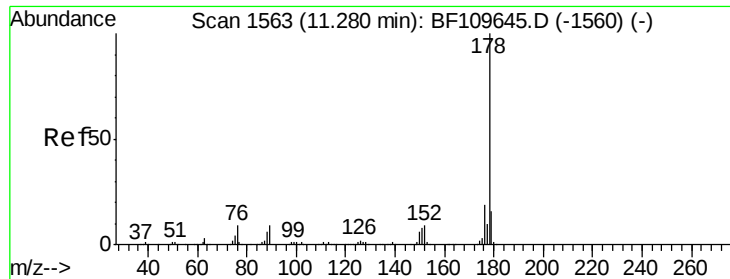
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

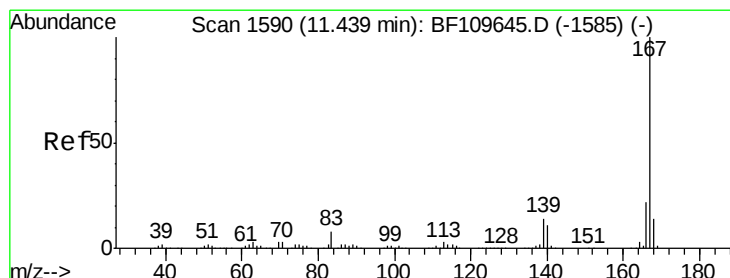
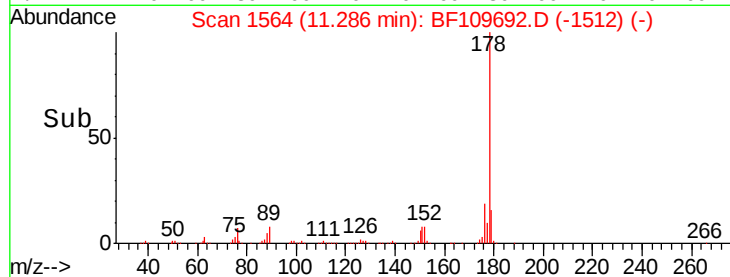
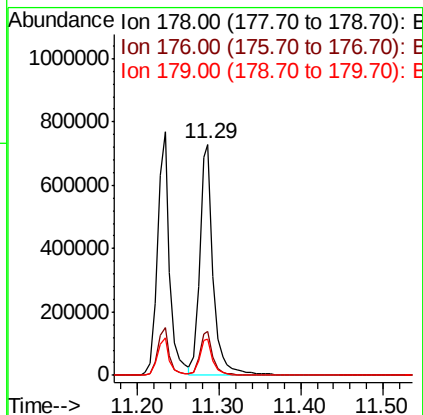
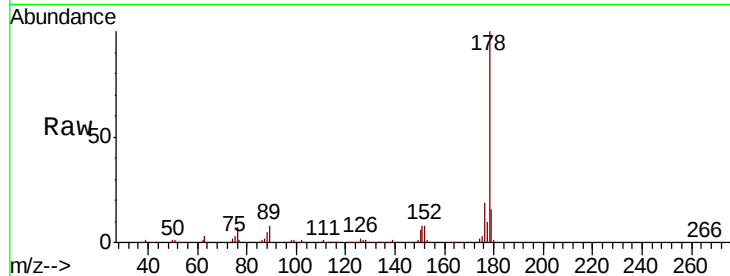




#71
 Anthracene
 Concen: 44.180 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. 0.01 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

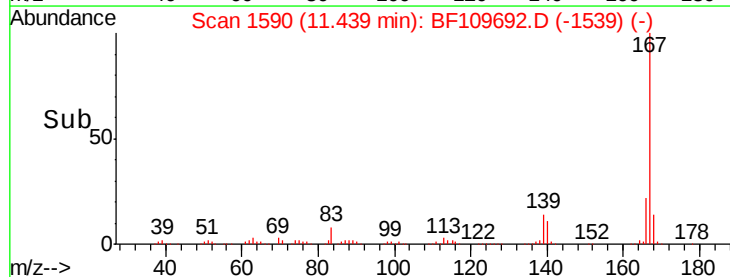
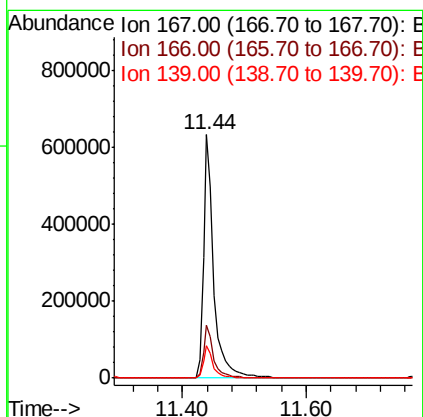
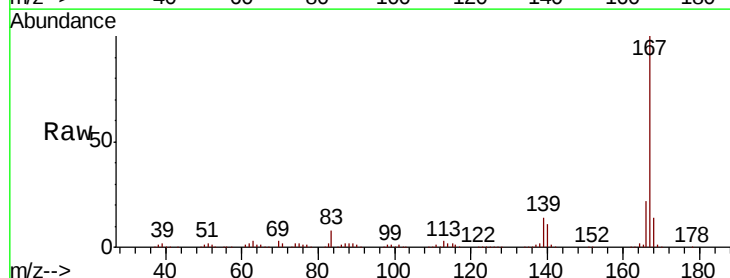
Instrument :
 BNA_F
 ClientSampleId :

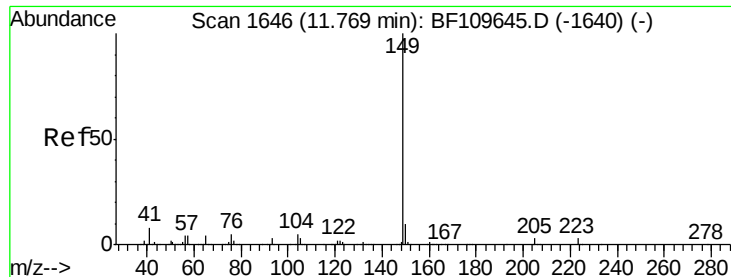
Tot Ion:178 Resp: 838773
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.6 12.6 18.8



#72
 Carbazole
 Concen: 40.099 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.00 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Tgt Ion:167 Resp: 738363
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 13.5 10.9 16.3

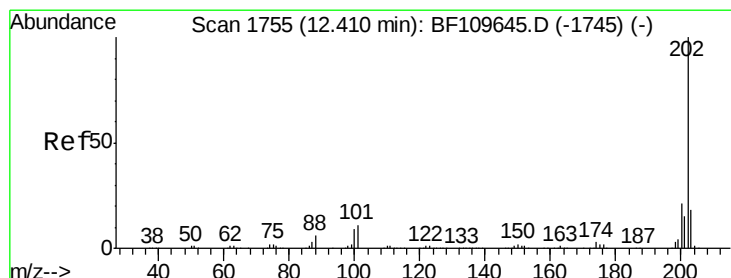
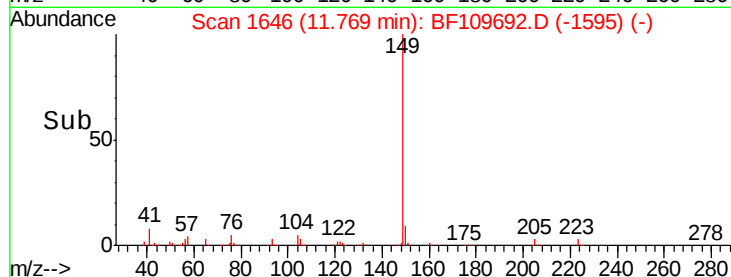
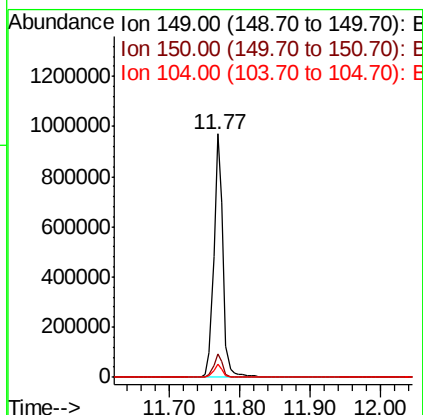
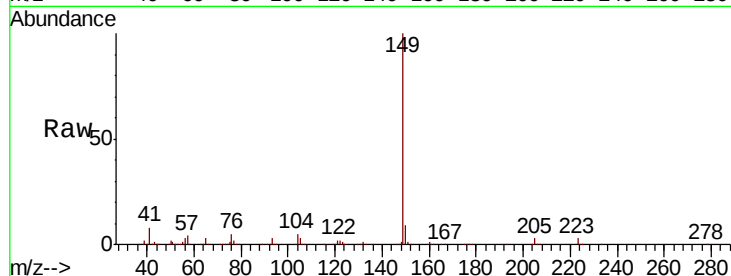




#73
Di-n-butylphthalate
Concen: 41.482 ng
RT: 11.77 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

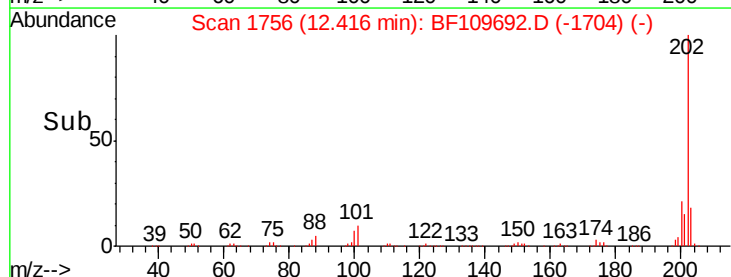
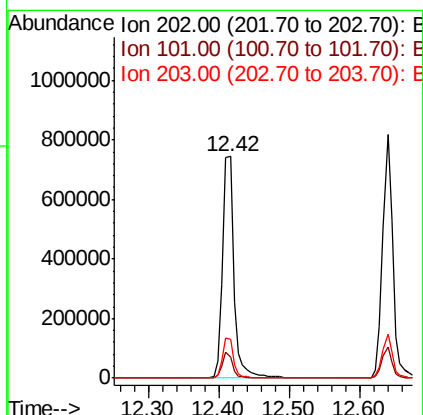
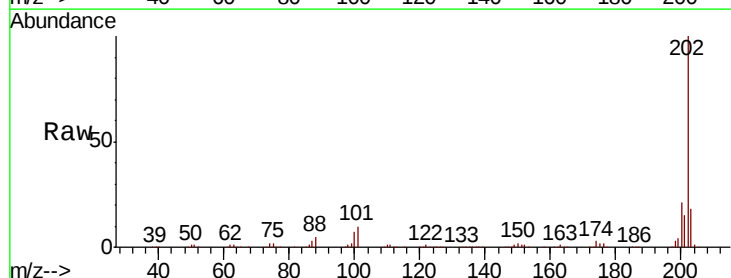
Instrument :
BNA_F
ClientSampleId :

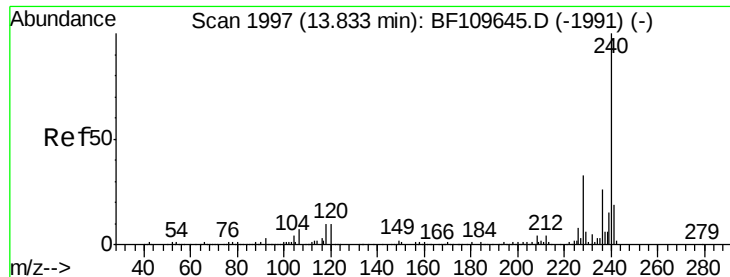
Tot Ion:149 Resp: 885930
Ion Ratio Lower Upper
149 100
150 9.4 7.7 11.5
104 5.2 4.2 6.4



#74
Fluoranthene
Concen: 43.606 ng
RT: 12.42 min Scan# 1756
Delta R.T. 0.01 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion:202 Resp: 836654
Ion Ratio Lower Upper
202 100
101 9.6 0.0 31.4
203 17.8 0.0 37.7





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

Instrument :

BNA_F

ClientSampleId :

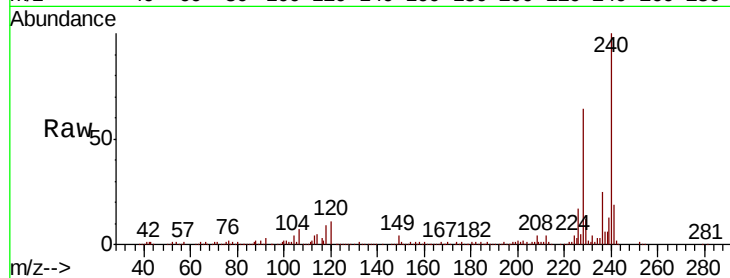
Tot Ion:240 Resp: 276445

Ion Ratio Lower Upper

240 100

120 11.3 8.3 12.5

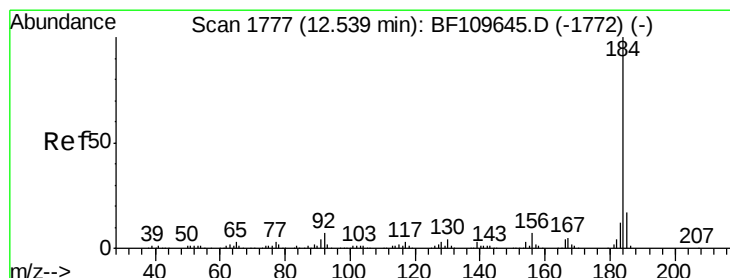
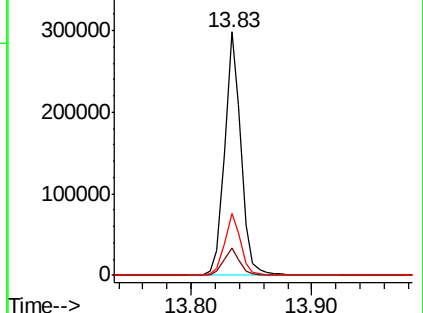
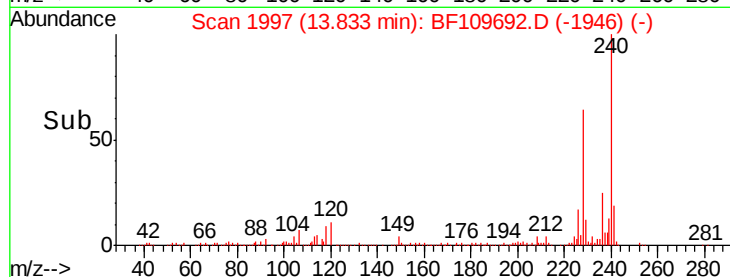
236 25.4 21.2 31.8



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: 44.324 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

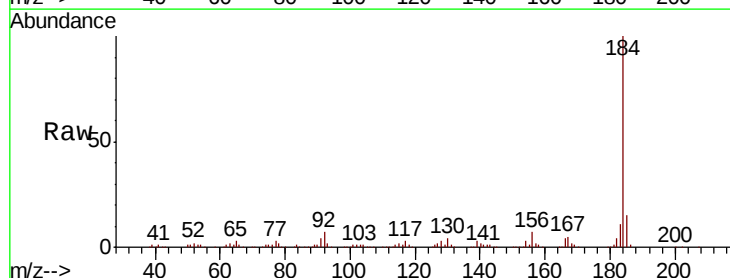
Tgt Ion:184 Resp: 455176

Ion Ratio Lower Upper

184 100

185 15.0 13.4 20.2

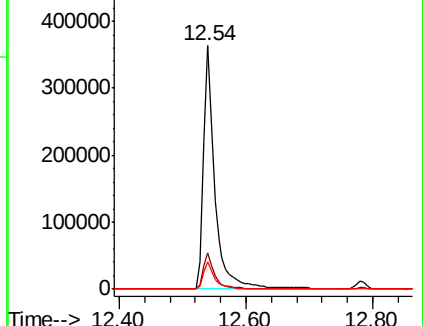
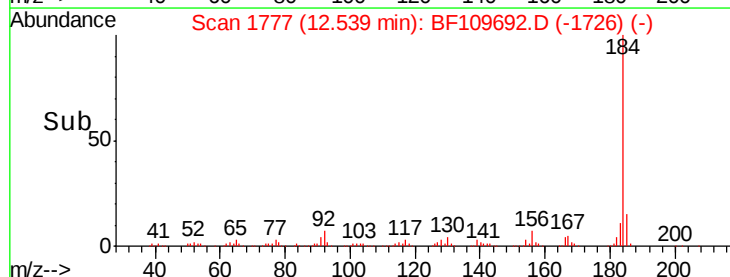
183 11.2 9.4 14.2

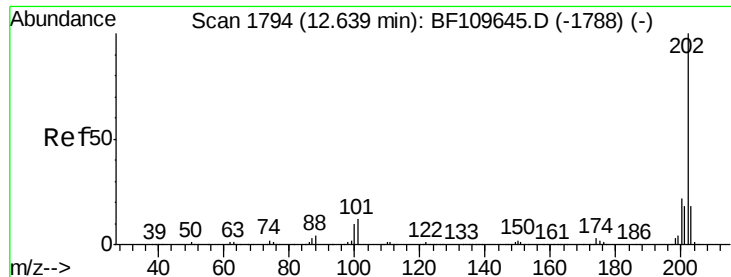


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

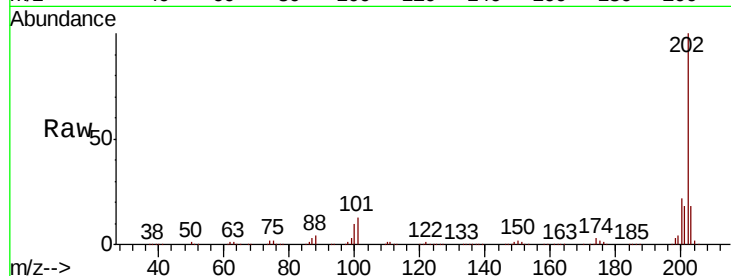




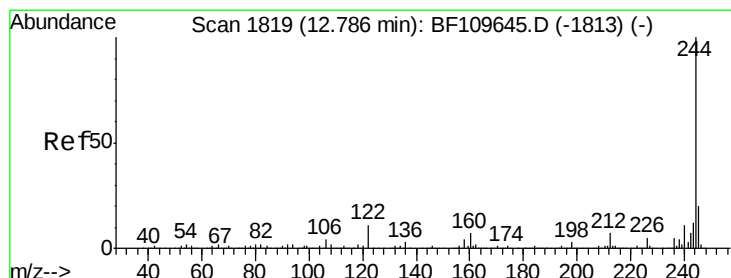
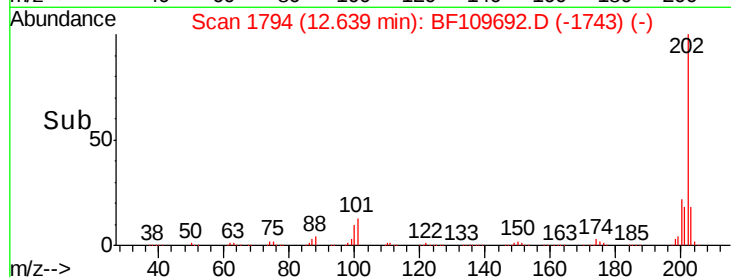
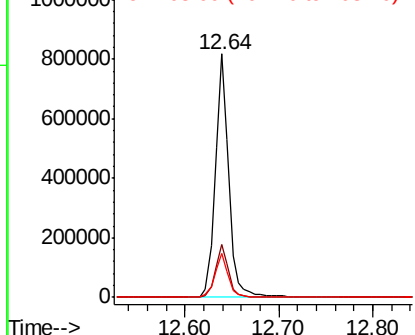
#77
 Pvrene
 Concen: 40.651 ng
 RT: 12.64 min Scan# 1794
 Delta R.T. 0.00 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 823353
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.8 26.6
 203 18.1 14.2 21.4

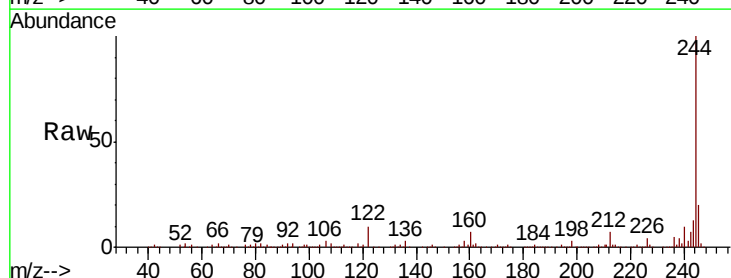


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

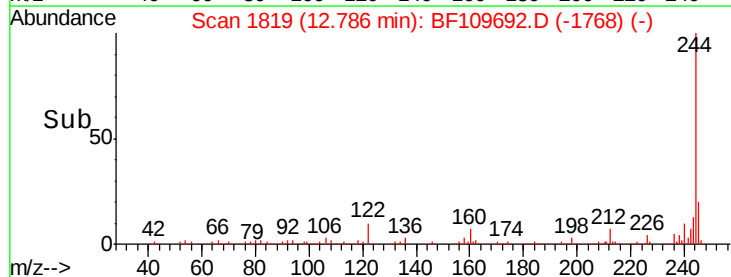
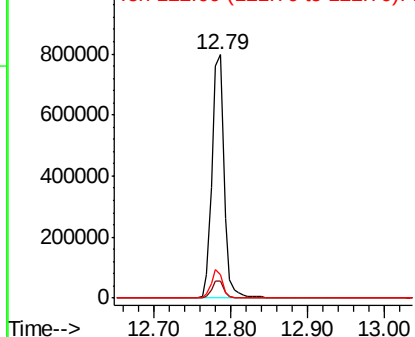


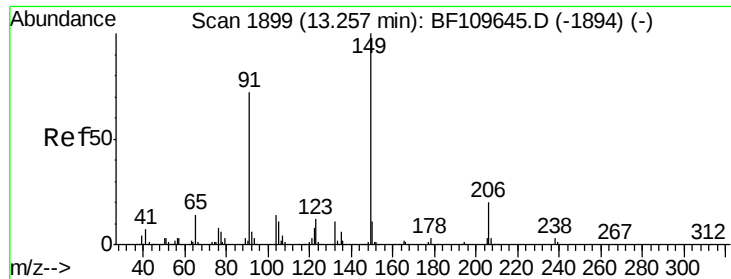
#78
 Terphenyl-d14
 Concen: 59.952 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Tgt Ion:244 Resp: 856131
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 9.7 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

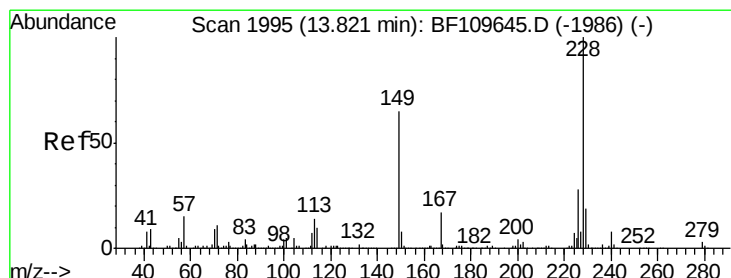
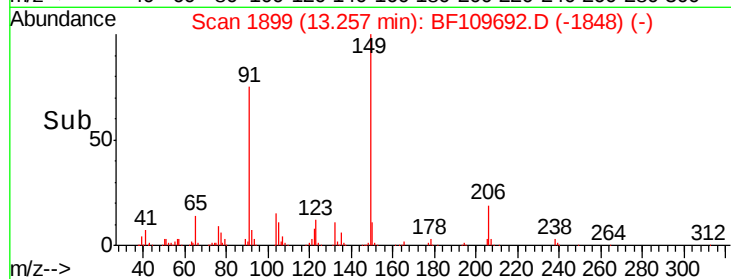
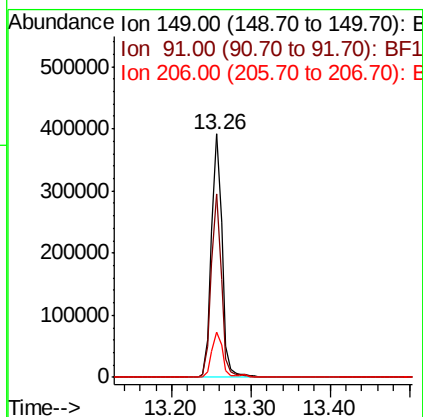
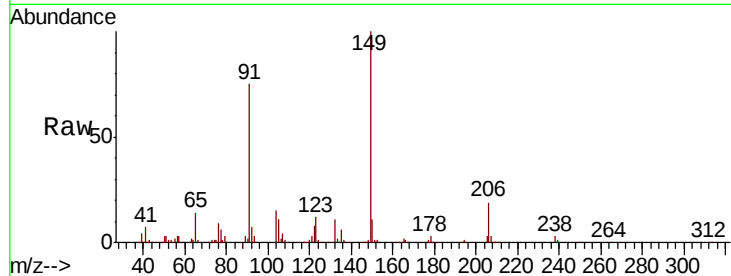




#79
Butylbenzylphthalate
Concen: 41.932 ng
RT: 13.26 min Scan# 1899
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

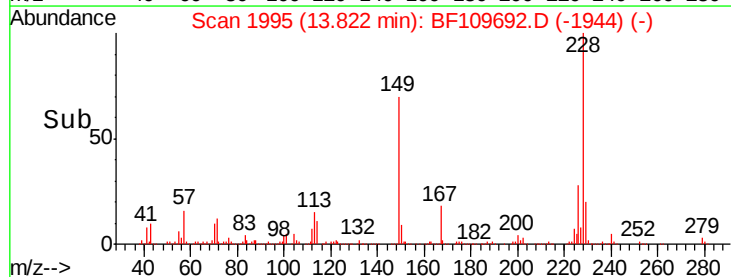
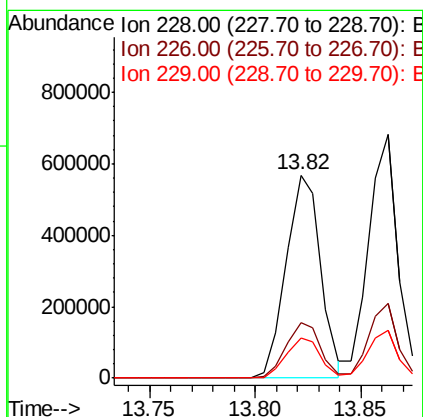
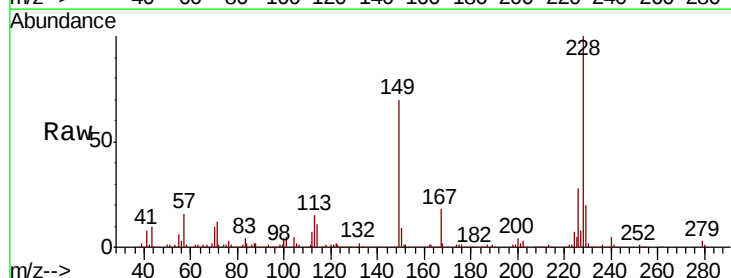
Instrument :
BNA_F
ClientSampleID :

Tot Ion:149 Resp: 368212
Ion Ratio Lower Upper
149 100
91 75.2 57.2 85.8
206 18.6 15.7 23.5



#80
Benzo(a)anthracene
Concen: 42.484 ng
RT: 13.82 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion:228 Resp: 648113
Ion Ratio Lower Upper
228 100
226 27.5 22.1 33.1
229 19.8 15.6 23.4

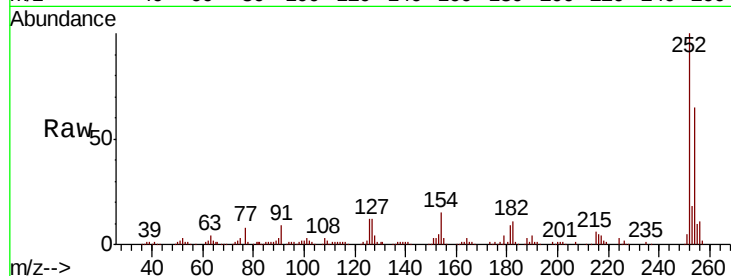




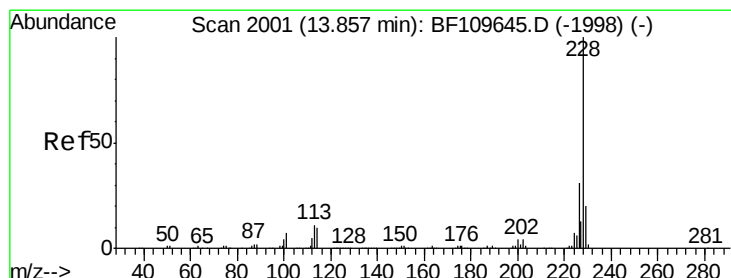
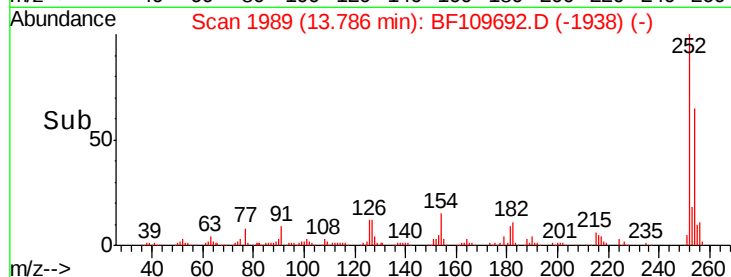
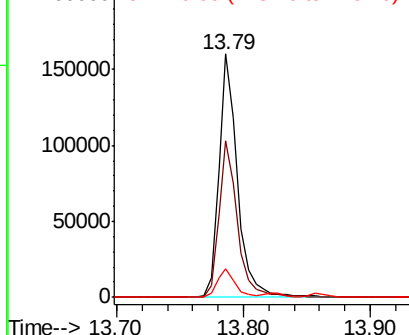
#81
 3,3'-Dichlorobenzidine
 Concen: 26.804 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 164651
 Ion Ratio Lower Upper
 252 100
 254 64.6 51.3 76.9
 126 11.8 9.4 14.2

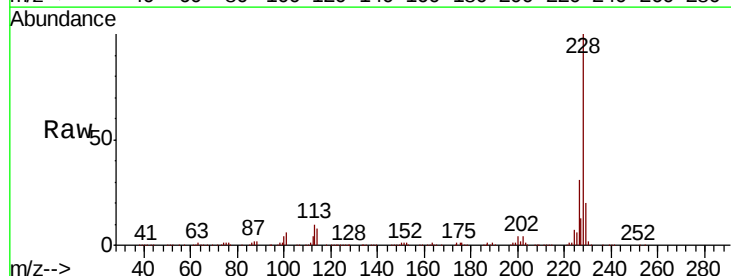


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

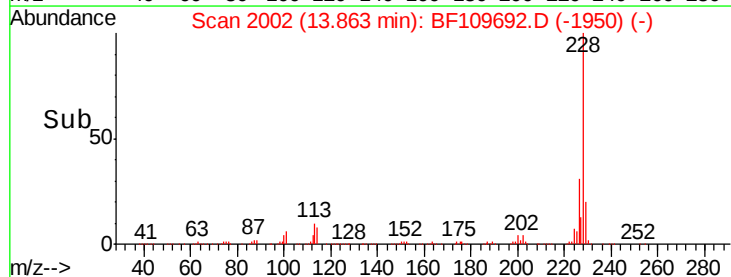
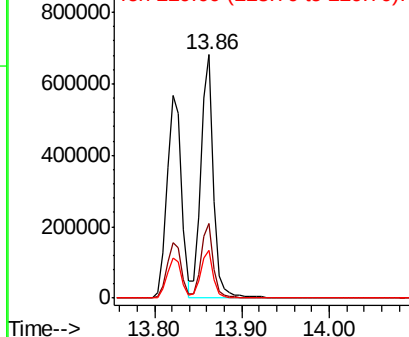


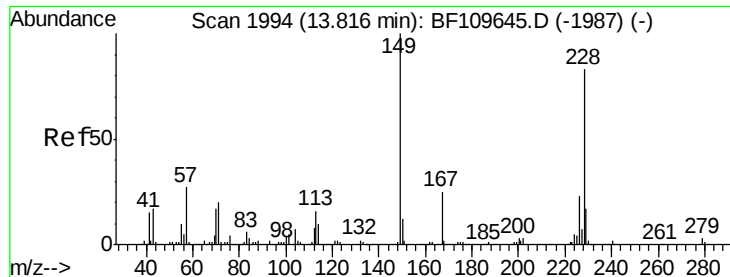
#82
 Chrysene
 Concen: 42.639 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. 0.01 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Tgt Ion:228 Resp: 683248
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.7 37.1
 229 19.6 15.9 23.9



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.748 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

Instrument :

BNA_F

ClientSampleId :

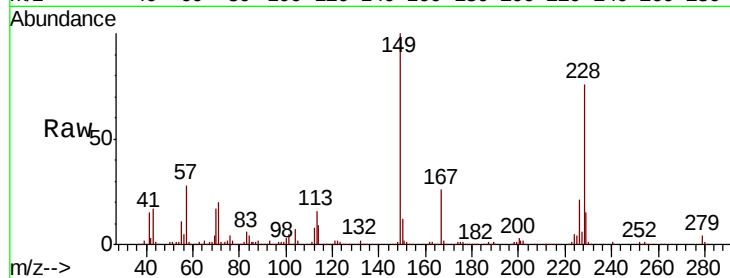
Tot Ion:149 Resp: 447269

Ion Ratio Lower Upper

149 100

167 25.6 19.8 29.8

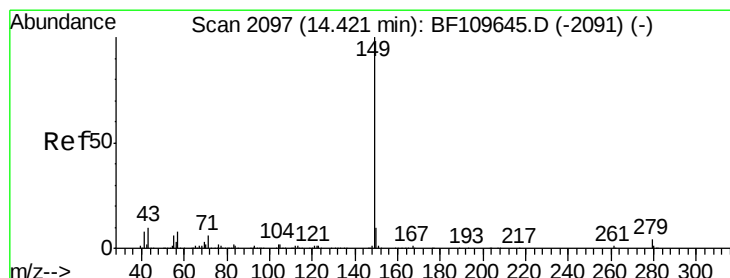
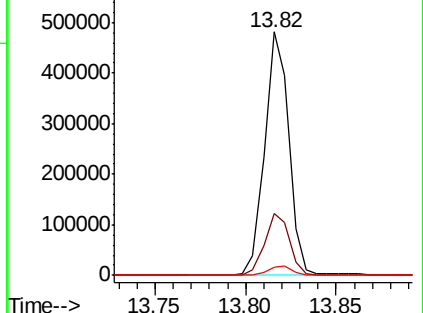
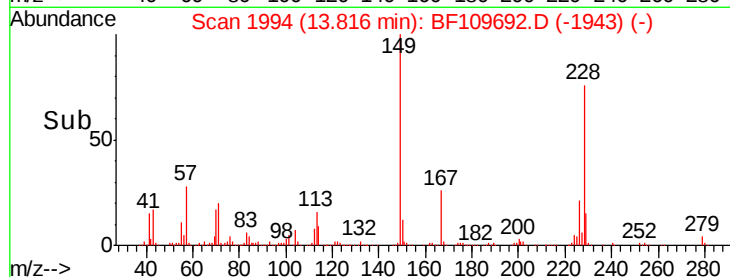
279 3.5 2.7 4.1



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: 43.960 ng

RT: 14.42 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

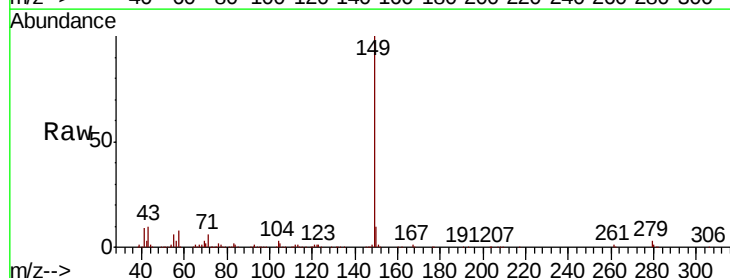
Tgt Ion:149 Resp: 744418

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

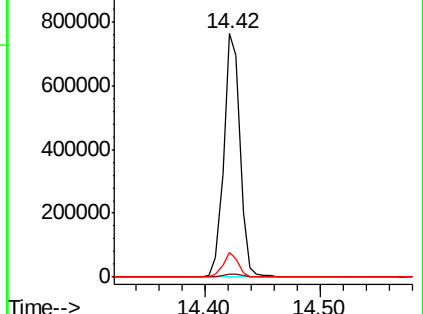
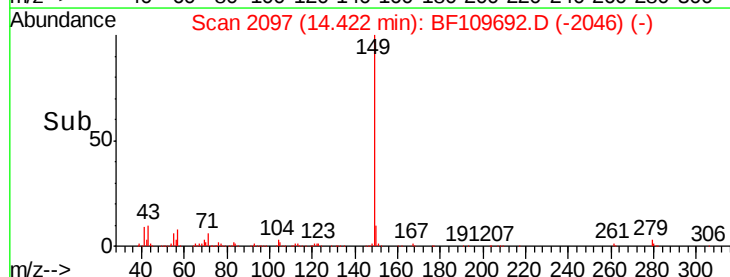
43 9.6 7.8 11.8

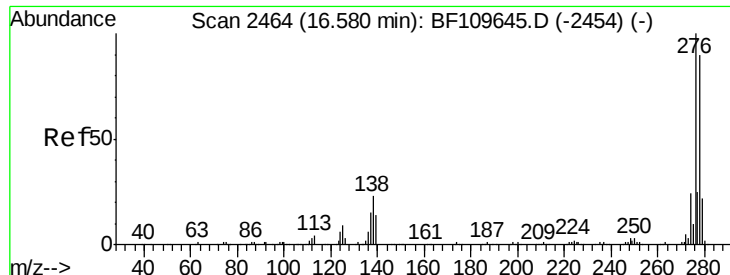


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

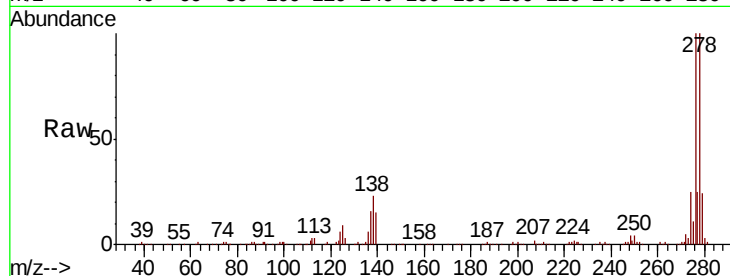




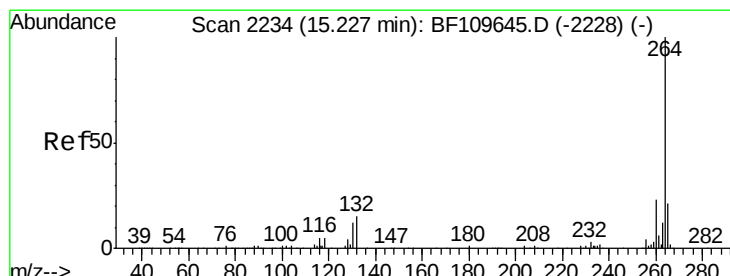
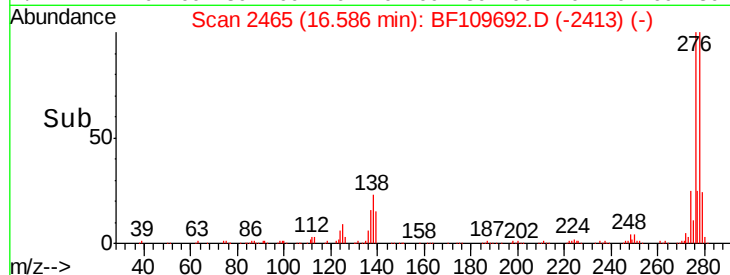
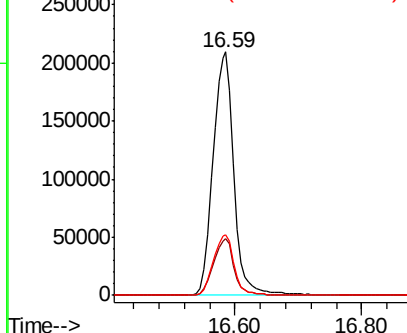
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.402 ng
 RT: 16.59 min Scan# 2465
 Delta R.T. 0.01 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:276 Resp: 486327
 Ion Ratio Lower Upper
 276 100
 138 23.2 18.5 27.7
 277 25.1 20.0 30.0

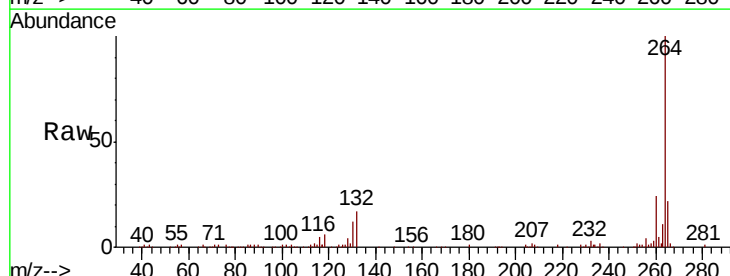


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

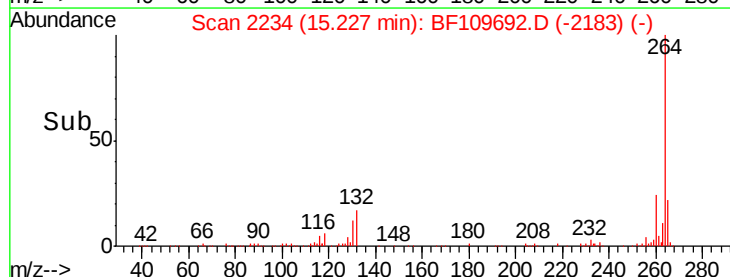
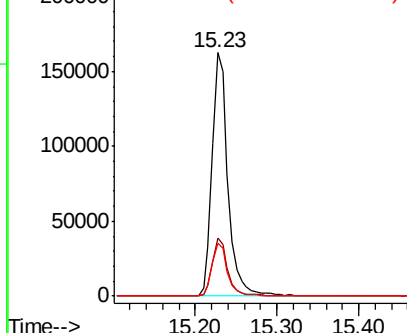


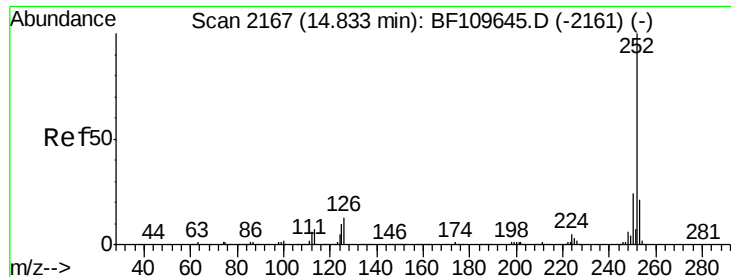
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. 0.00 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Tgt Ion:264 Resp: 220679
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.7 28.1
 265 21.9 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

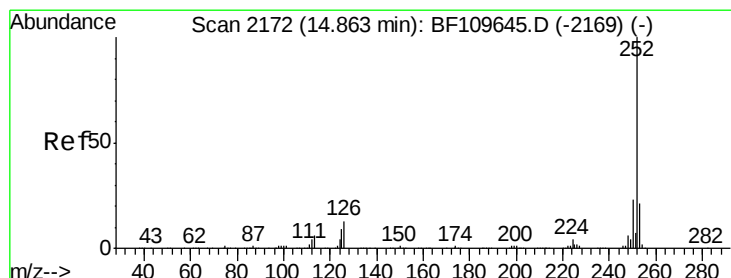
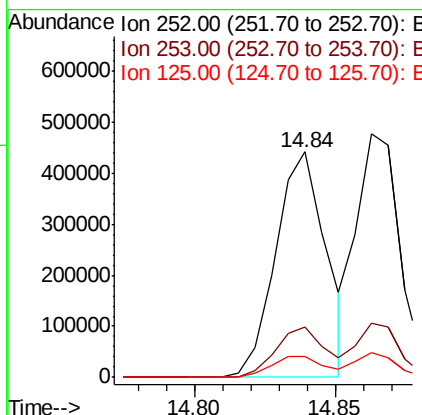
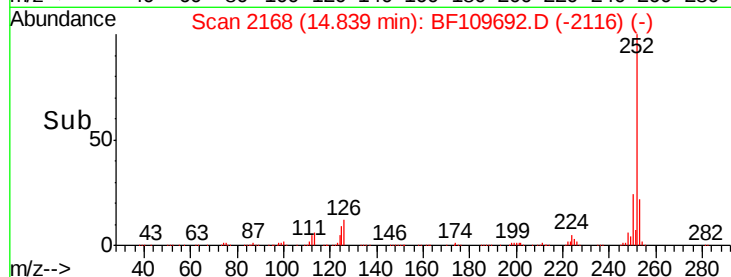
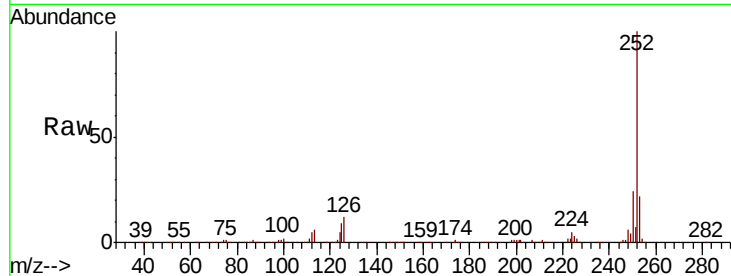




#87
Benzo(b)fluoranthene
Concen: 44.814 ng
RT: 14.84 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

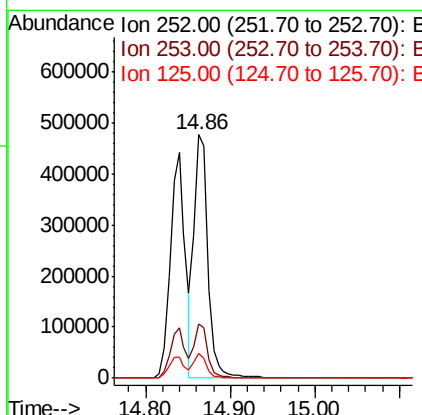
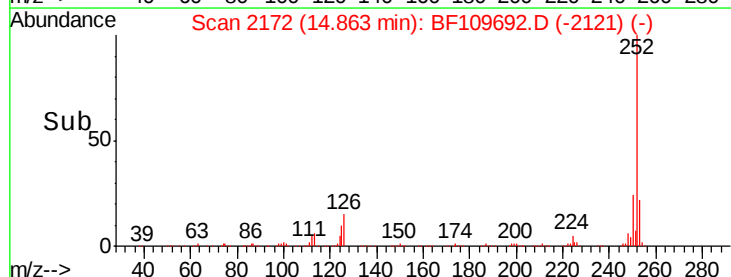
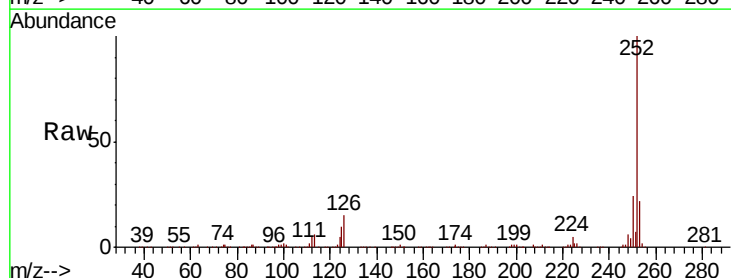
Instrument :
BNA_F
ClientSampleId :

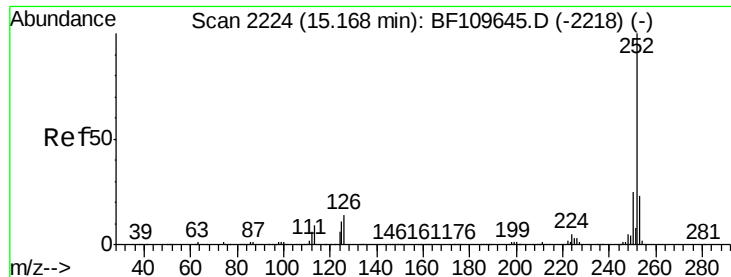
Tot Ion:252 Resp: 546509
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 9.4 8.2 12.4



#88
Benzo(k)fluoranthene
Concen: 43.752 ng
RT: 14.86 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion:252 Resp: 536103
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 10.2 7.4 11.0





#89

Benzo(a)pyrene

Concen: 45.095 ng

RT: 15.17 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

Instrument :

BNA_F

ClientSampled :

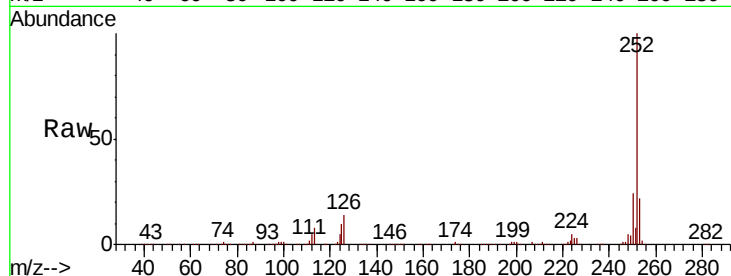
Tot Ion:252 Resp: 499054

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.4

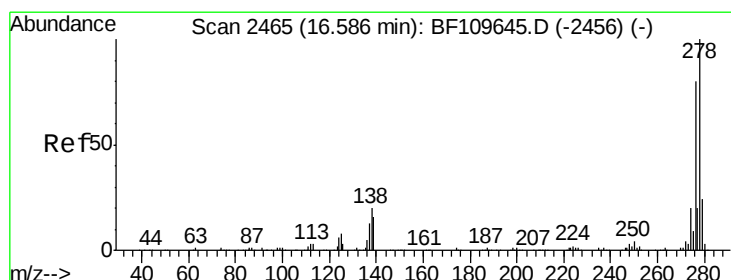
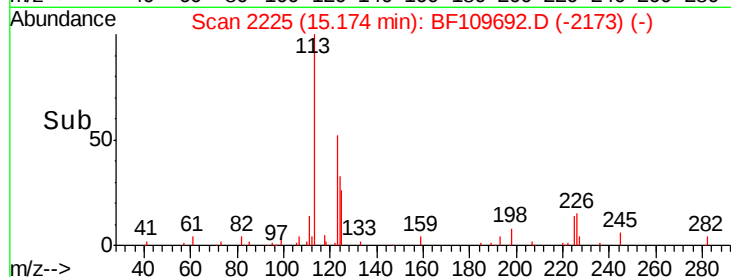
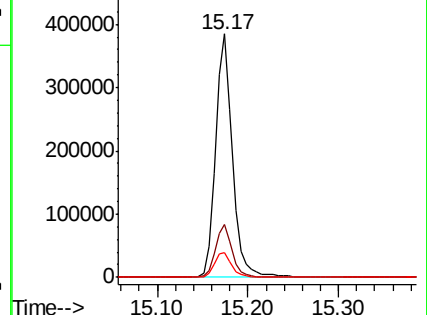
125 10.3 9.0 13.6



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: 44.265 ng

RT: 16.59 min Scan# 2466

Delta R.T. 0.01 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

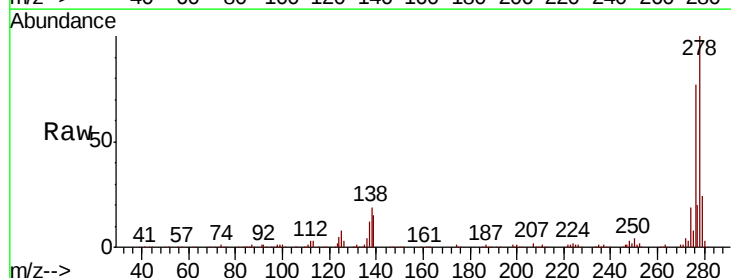
Tgt Ion:278 Resp: 402323

Ion Ratio Lower Upper

278 100

139 14.7 12.7 19.1

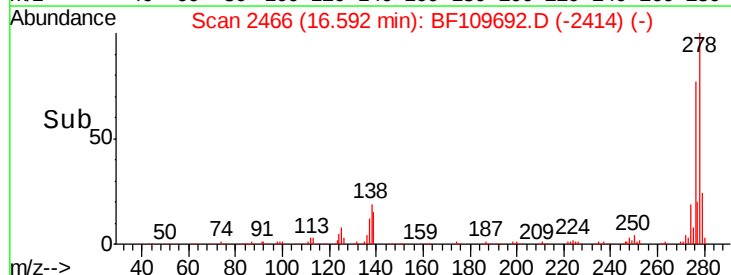
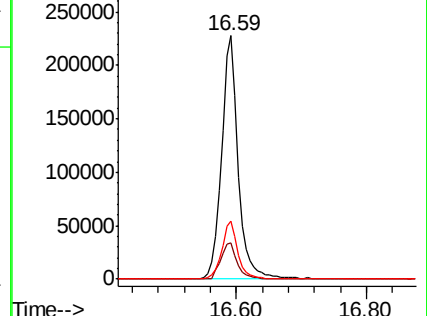
279 23.6 19.0 28.4

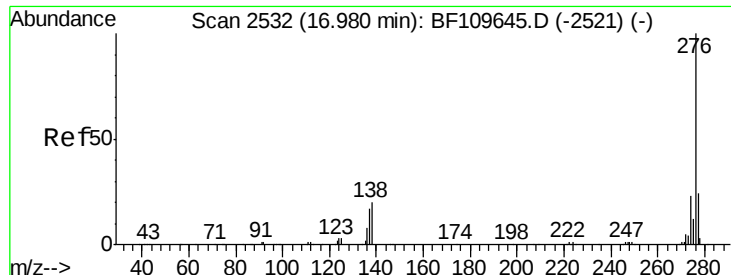


Abundance Ion 278.00 (277.70 to 278.70): E

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: 45.757 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.01 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

Instrument :

BNA_F

ClientSampleId :

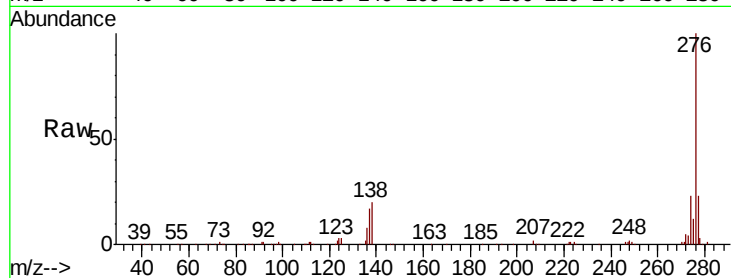
Tot Ion:276 Resp: 415292

Ion Ratio Lower Upper

276 100

277 23.1 18.8 28.2

138 19.9 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

