

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
 Data File : BF109691.D
 Acq On : 9 Oct 2018 13:27
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 14:06:07 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	94731	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	400343	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	193974	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	373003	20.00	ng	0.00
75) Chrysene-d12	13.83	240	277477	20.00	ng	0.00
86) Perylene-d12	15.23	264	216264	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	425619	79.75	ng	0.00
7) Phenol-d6	6.35	99	576652	80.88	ng	0.00
23) Nitrobenzene-d5	7.27	82	576842	79.43	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	170633	80.73	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1071315	76.07	ng	0.00
78) Terphenyl-d14	12.79	244	1074702	74.98	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.38	88	115645	41.288	ng	97
3) Pyridine	3.09	79	214051	37.042	ng	99
4) n-Nitrosodimethylamine	3.04	42	74302	35.624	ng	100
6) Aniline	6.37	93	347923	41.893	ng	99
8) 2-Chlorophenol	6.49	128	271319	41.337	ng	96
9) Benzaldehyde	6.25	77	185078	40.341	ng	98
10) Phenol	6.37	94	304608	37.260	ng	95
11) bis(2-Chloroethyl)ether	6.44	93	288223	42.526	ng	98
12) 1,3-Dichlorobenzene	6.64	146	296244	39.462	ng	99
13) 1,4-Dichlorobenzene	6.72	146	323991	39.592	ng	99
14) 1,2-Dichlorobenzene	6.87	146	289615	40.299	ng	99
15) Benzyl Alcohol	6.85	79	214902	40.659	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	348007	38.723	ng	95
17) 2-Methylphenol	6.97	107	204008	39.304	ng	95
18) Hexachloroethane	7.20	117	113944	39.393	ng	92
19) n-Nitroso-di-n-propylamine	7.12	70	191255	38.253	ng	98
20) 3+4-Methylphenols	7.13	107	251694	39.353	ng	98
22) Acetophenone	7.12	105	384726	39.740	ng	# 98
24) Nitrobenzene	7.29	77	297165	39.322	ng	99
25) Isophorone	7.52	82	460653	38.196	ng	100
26) 2-Nitrophenol	7.60	139	146037	41.313	ng	98
27) 2,4-Dimethylphenol	7.65	122	196046	38.406	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	316376	38.783	ng	98
29) 2,4-Dichlorophenol	7.85	162	229775	40.131	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	246359	38.868	ng	99
31) Naphthalene	8.00	128	718684	38.817	ng	99
32) Benzoic acid	7.80	122	149409	40.939	ng	96
33) 4-Chloroaniline	8.06	127	328782	40.325	ng	98
34) Hexachlorobutadiene	8.12	225	154077	39.097	ng	98
35) Caprolactam	8.44	113	69945	40.906	ng	92
36) 4-Chloro-3-methylphenol	8.55	107	246307	40.753	ng	97
37) 2-Methylnaphthalene	8.69	142	473959	39.080	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	257816	39.046	ng	100
40) Hexachlorocyclopentadiene	8.85	237	87991	34.897	ng	98

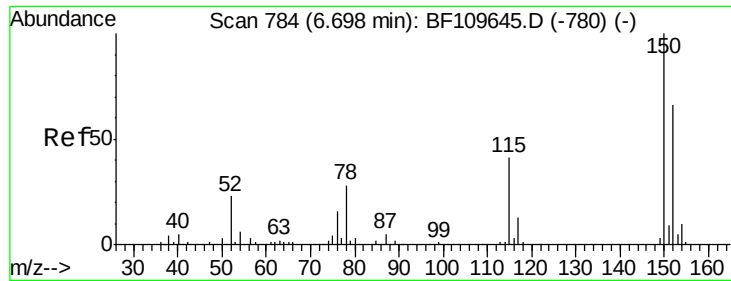
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	154505	39.143	nq	97
43) 2,4,5-Trichlorophenol	9.02	196	181463	39.983	nq	99
45) 1,1'-Biphenyl	9.16	154	675394	38.976	nq	99
46) 2-Chloronaphthalene	9.18	162	502653	38.718	nq	99
47) 2-Nitroaniline	9.28	65	156436	39.795	nq	97
48) Acenaphthylene	9.59	152	736134	38.894	nq	100
49) Dimethylphthalate	9.46	163	555808	39.069	nq	99
50) 2,6-Dinitrotoluene	9.52	165	122963	39.874	nq	98
51) Acenaphthene	9.76	154	423164	37.716	nq	99
52) 3-Nitroaniline	9.69	138	140091	40.527	nq	95
53) 2,4-Dinitrophenol	9.80	184	45368	45.599	nq	95
54) Dibenzofuran	9.93	168	651745	38.752	nq	100
55) 4-Nitrophenol	9.87	139	70012	37.002	nq	99
56) 2,4-Dinitrotoluene	9.93	165	155860	40.500	nq	97
57) Fluorene	10.27	166	485801	38.680	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.06	232	143631	38.932	nq	98
59) Diethylphthalate	10.15	149	550067	39.024	nq	99
60) 4-Chlorophenyl-phenylether	10.27	204	259116	39.107	nq	99
61) 4-Nitroaniline	10.31	138	120412	37.613	nq	100
62) Azobenzene	10.43	77	565154	39.483	nq	100
64) 4,6-Dinitro-2-methylphenol	10.34	198	68788	37.889	nq	98
65) n-Nitrosodiphenylamine	10.39	169	488199	38.608	nq	99
66) 4-Bromophenyl-phenylether	10.76	248	165651	38.651	nq	99
67) Hexachlorobenzene	10.83	284	176908	38.119	nq	99
68) Atrazine	10.92	200	155617	39.434	nq	99
69) Pentachlorophenol	11.02	266	105399	40.360	nq	100
70) Phenanthrene	11.23	178	717909	38.460	nq	99
71) Anthracene	11.29	178	757638	39.264	nq	100
72) Carbazole	11.44	167	736156	39.335	nq	99
73) Di-n-butylphthalate	11.77	149	840963	38.743	nq	100
74) Fluoranthene	12.41	202	772164	39.597	nq	100
76) Benzidine	12.54	184	377272	36.601	nq	98
77) Pyrene	12.64	202	776789	38.209	nq	100
79) Butylbenzylphthalate	13.26	149	350942	39.816	nq	99
80) Benzo(a)anthracene	13.82	228	601184	39.262	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	250222	40.584	nq	98
82) Chrysene	13.86	228	613285	38.131	nq	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	430337	40.018	nq	99
84) Di-n-octyl phthalate	14.42	149	677203	39.842	nq	99
85) Indeno(1,2,3-cd)pyrene	16.58	276	425261	36.940	nq	100
87) Benzo(b)fluoranthene	14.84	252	482237	40.351	nq	97
88) Benzo(k)fluoranthene	14.86	252	469807	39.125	nq	98
89) Benzo(a)pyrene	15.17	252	426040	39.283	nq	97
90) Dibenzo(a,h)anthracene	16.59	278	352792	39.608	nq	98
91) Benzo(g,h,i)perylene	16.98	276	354244	39.827	nq	98

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

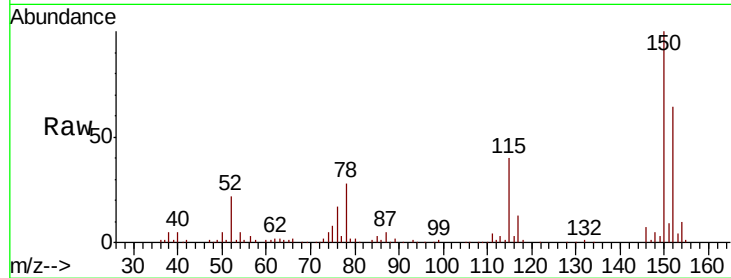


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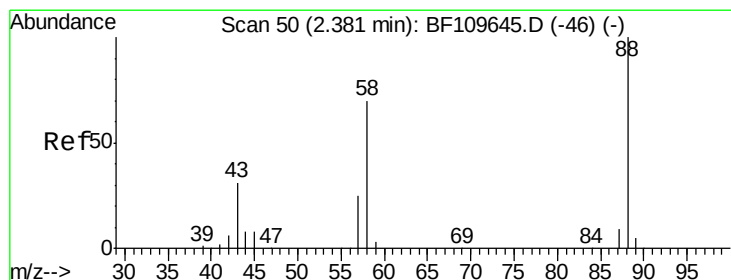
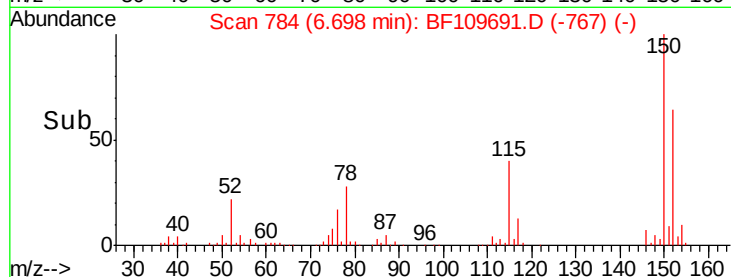
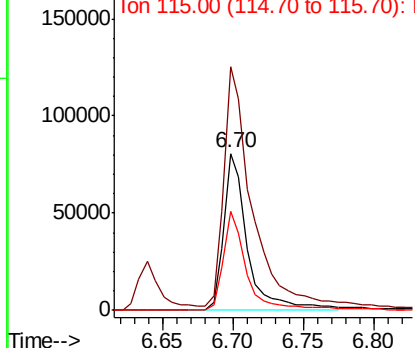
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109691.D
Acq: 9 Oct 2018 13:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 94731
Ion Ratio Lower Upper
152 100
150 155.2 122.7 184.1
115 62.8 49.1 73.7



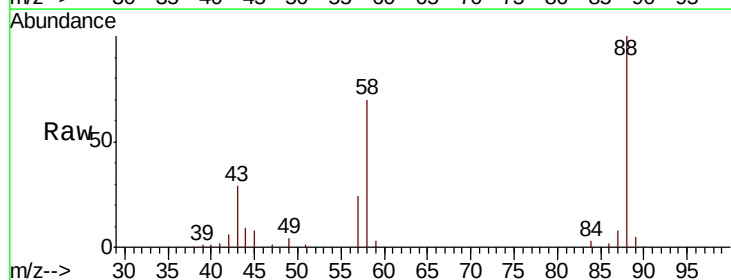
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



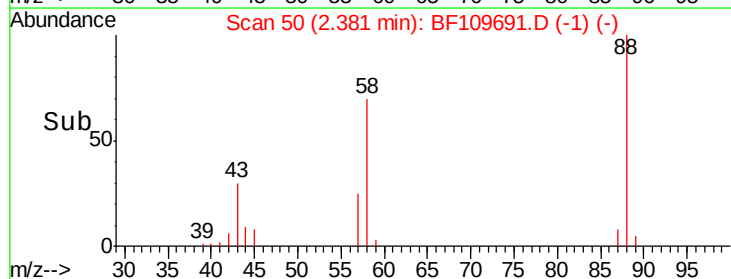
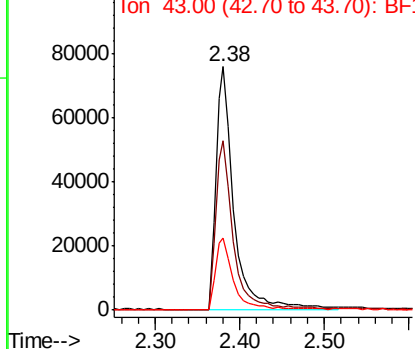
#2

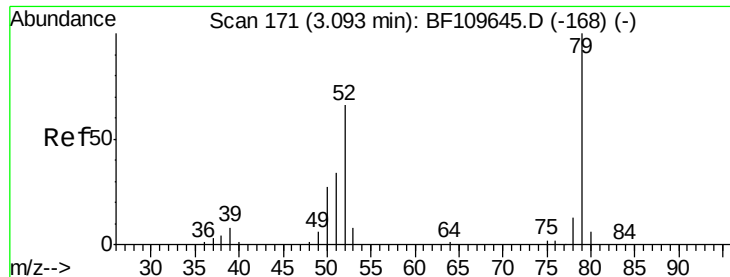
1,4-Dioxane
Concen: 41.288 ng
RT: 2.38 min Scan# 50
Delta R.T. -0.00 min
Lab File: BF109691.D
Acq: 9 Oct 2018 13:27

Tgt Ion: 88 Resp: 115645
Ion Ratio Lower Upper
88 100
58 68.5 57.1 85.7
43 29.2 24.1 36.1



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





#3

Pvridine

Concen: 37.042 ng

RT: 3.09 min Scan# 171

Delta R.T. -0.00 min

Lab File: BF109691.D

Acq: 9 Oct 2018 13:27

Instrument :

BNA_F

ClientSampled :

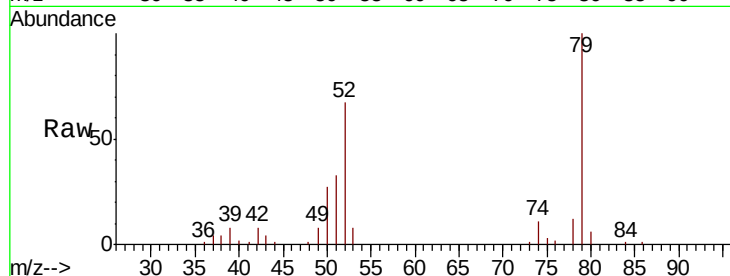
Tot Ion: 79 Resp: 214051

Ion Ratio Lower Upper

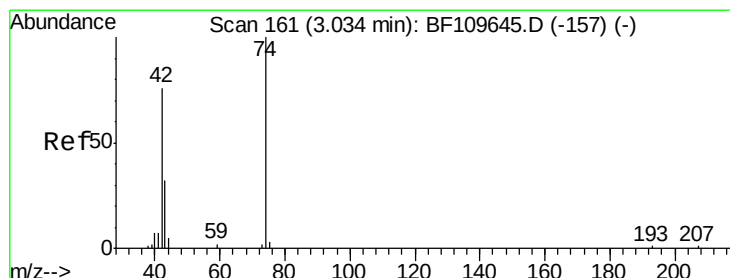
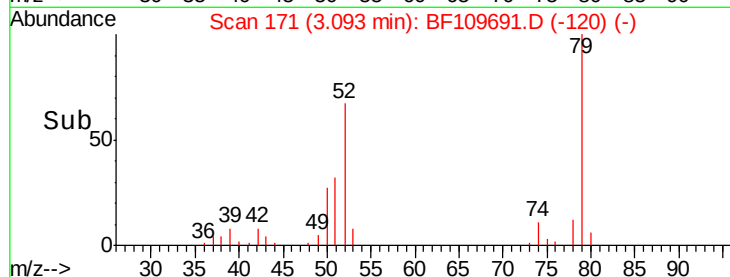
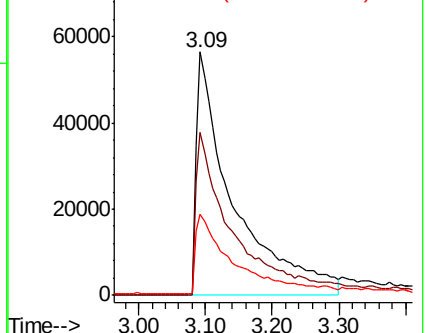
79 100

52 67.1 53.1 79.7

51 33.4 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 35.624 ng

RT: 3.04 min Scan# 162

Delta R.T. 0.01 min

Lab File: BF109691.D

Acq: 9 Oct 2018 13:27

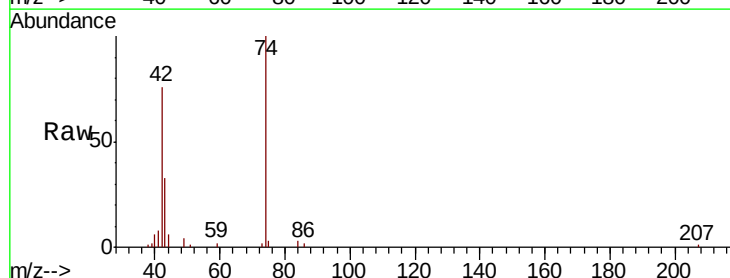
Tgt Ion: 42 Resp: 74302

Ion Ratio Lower Upper

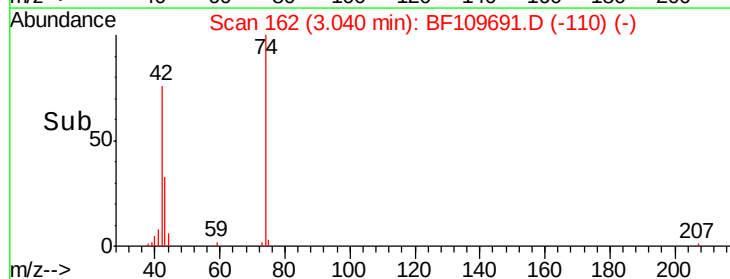
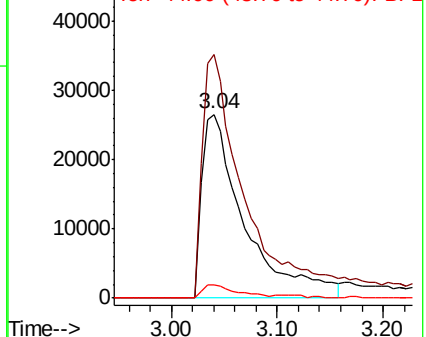
42 100

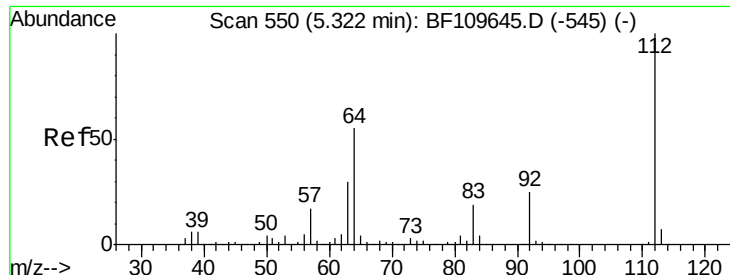
74 132.3 105.5 158.3

44 7.3 4.9 7.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 79.751 ng

RT: 5.32 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF109691.D

Acq: 9 Oct 2018 13:27

Instrument :

BNA_F

ClientSampleId :

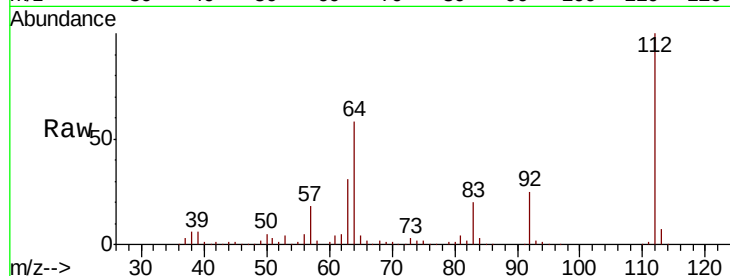
Tot Ion:112 Resp: 425619

Ion Ratio Lower Upper

112 100

64 57.6 44.1 66.1

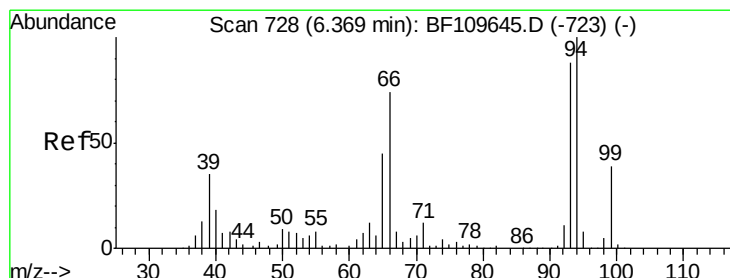
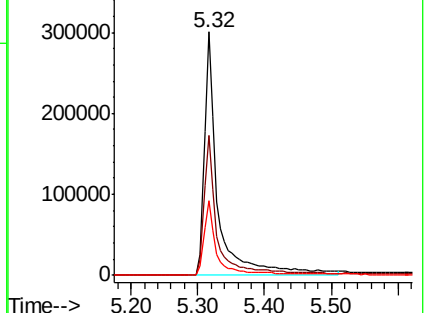
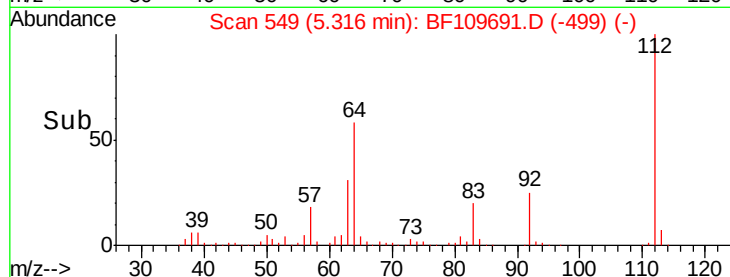
63 30.6 23.7 35.5



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: 41.893 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF109691.D

Acq: 9 Oct 2018 13:27

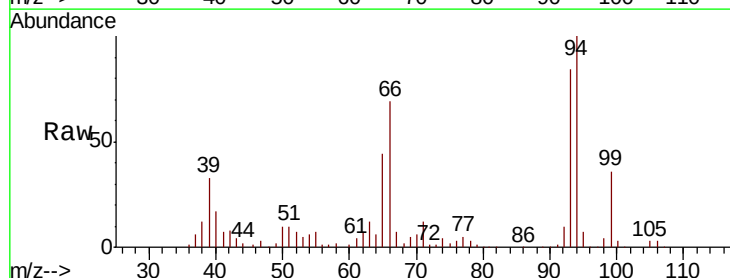
Tgt Ion: 93 Resp: 347923

Ion Ratio Lower Upper

93 100

66 83.1 67.4 101.0

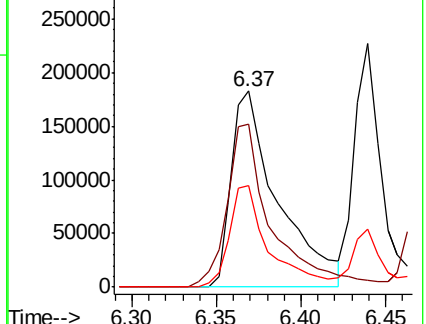
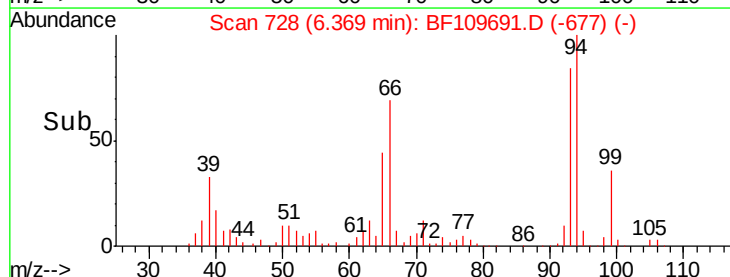
65 52.1 41.0 61.4

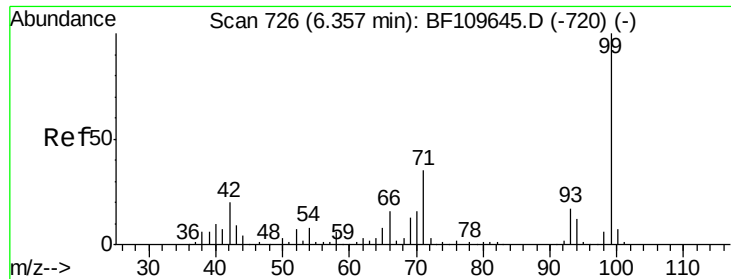


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.883 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109691.D

Acq: 9 Oct 2018 13:27

Instrument :

BNA_F

ClientSampled :

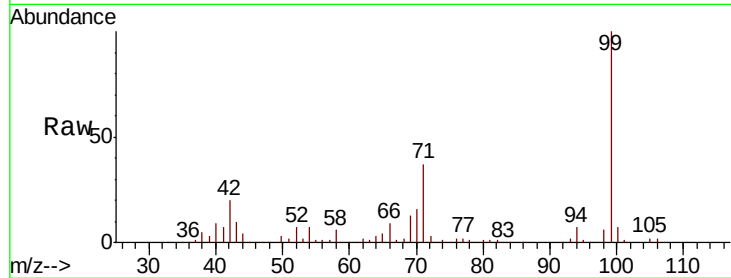
Tot Ion: 99 Resp: 576652

Ion Ratio Lower Upper

99 100

42 20.0 15.8 23.6

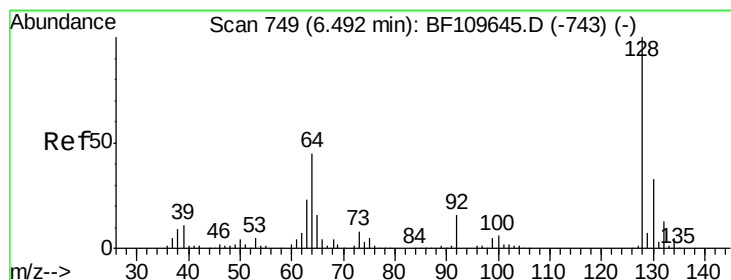
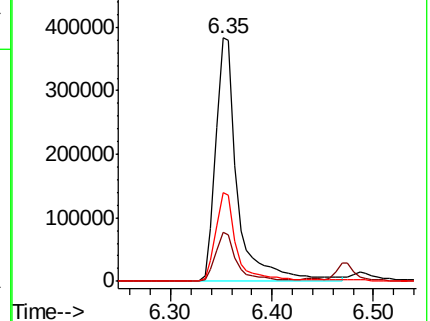
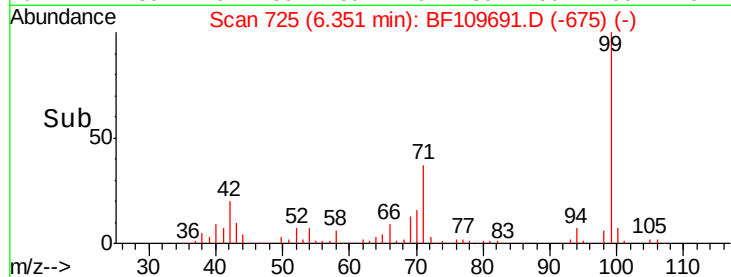
71 36.6 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.337 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF109691.D

Acq: 9 Oct 2018 13:27

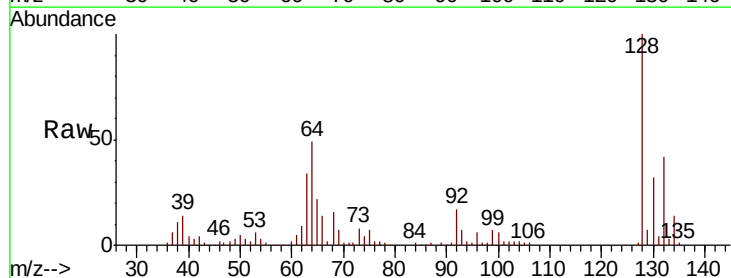
Tgt Ion: 128 Resp: 271319

Ion Ratio Lower Upper

128 100

130 32.1 13.1 53.1

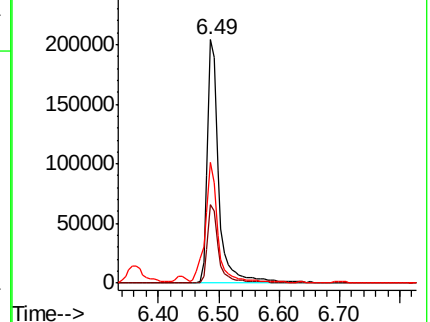
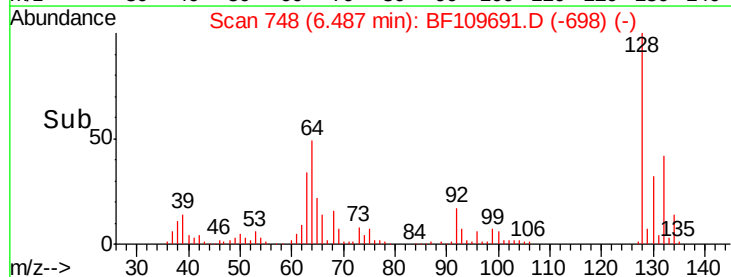
64 49.4 26.0 66.0

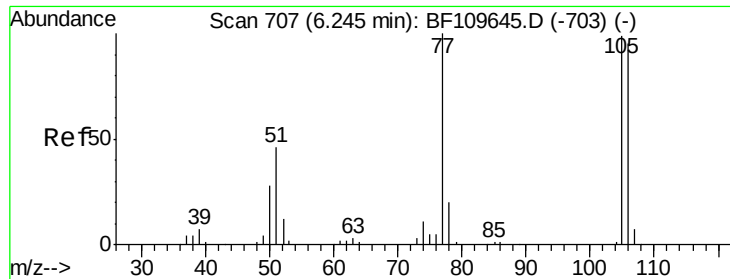


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 40.341 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF109691.D

Acq: 9 Oct 2018 13:27

Instrument :

BNA_F

ClientSampleId :

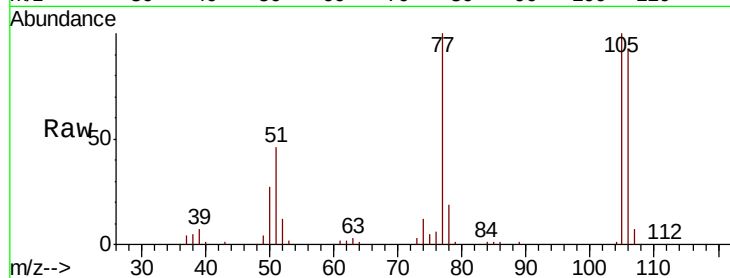
Tot Ion: 77 Resp: 185078

Ion Ratio Lower Upper

77 100

105 100.5 78.6 118.6

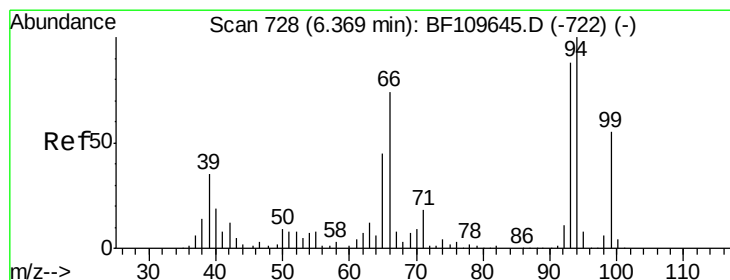
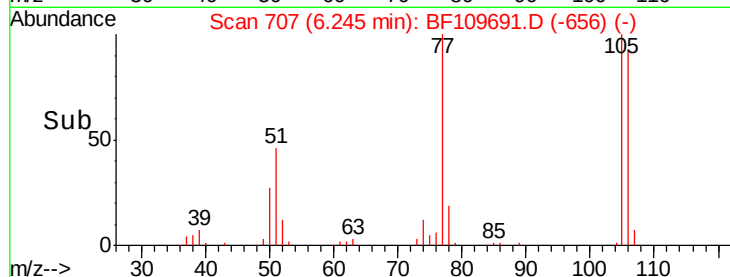
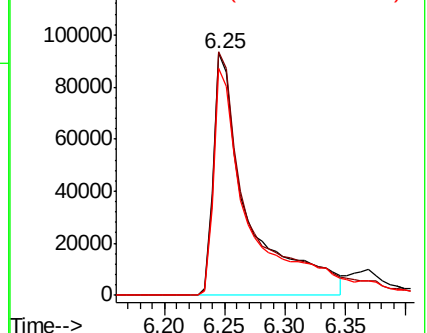
106 93.5 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.260 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF109691.D

Acq: 9 Oct 2018 13:27

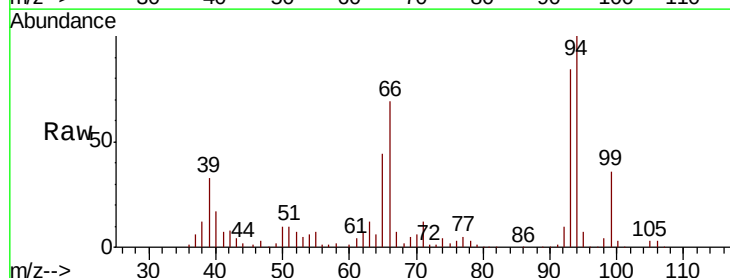
Tgt Ion: 94 Resp: 304608

Ion Ratio Lower Upper

94 100

65 43.5 25.3 65.3

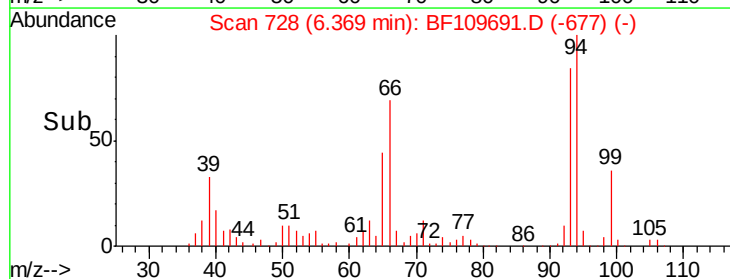
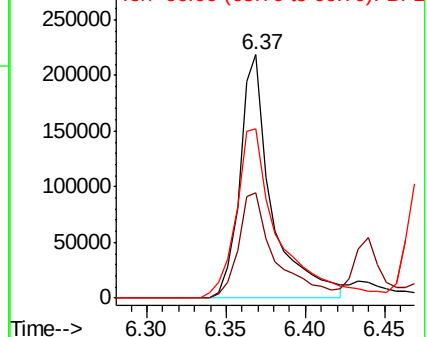
66 69.5 54.5 94.5

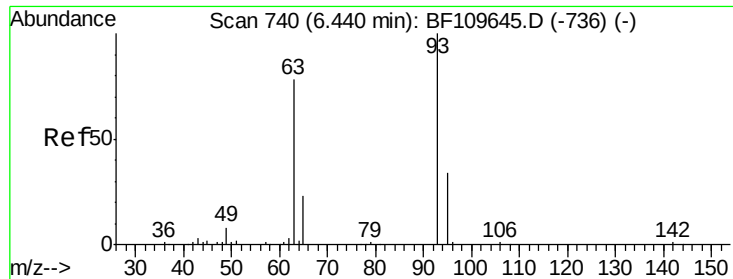


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

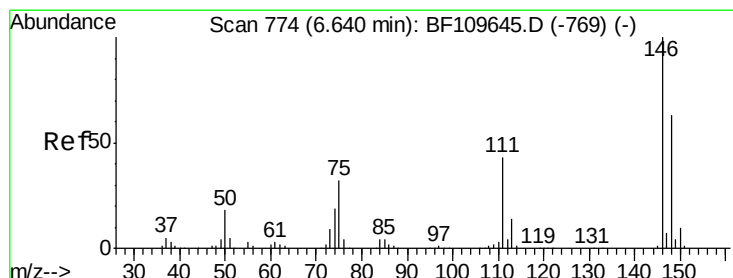
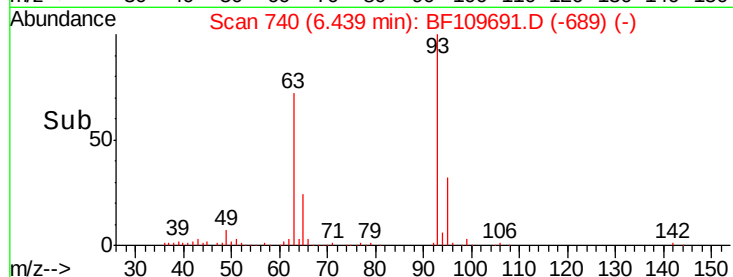
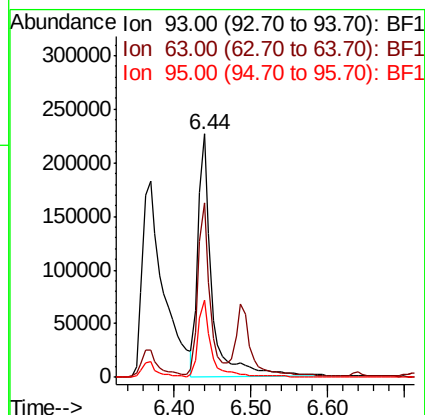
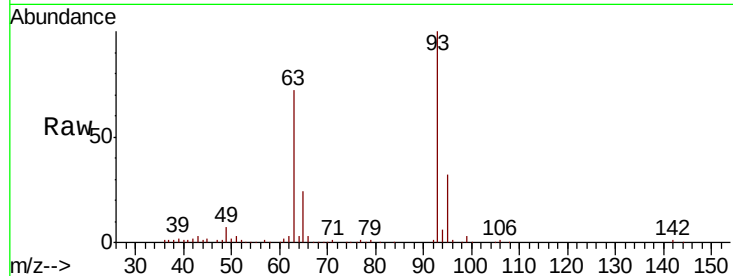




#11
 bis(2-Chloroethyl)ether
 Concen: 42.526 ng
 RT: 6.44 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF109691.D
 Acq: 9 Oct 2018 13:27

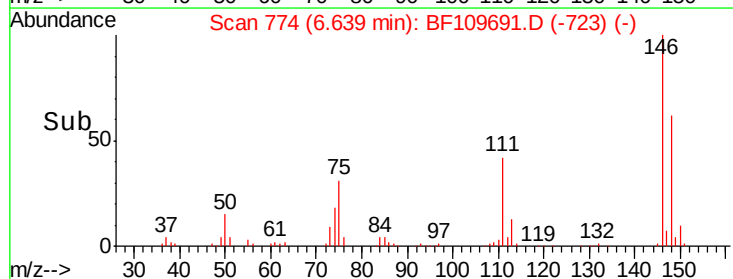
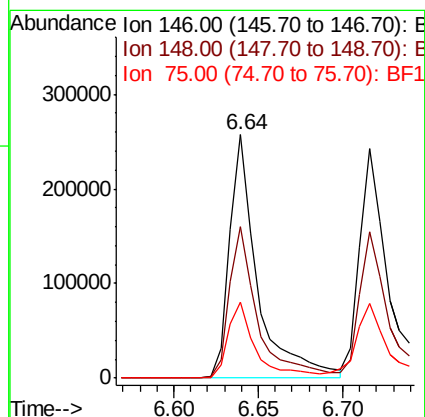
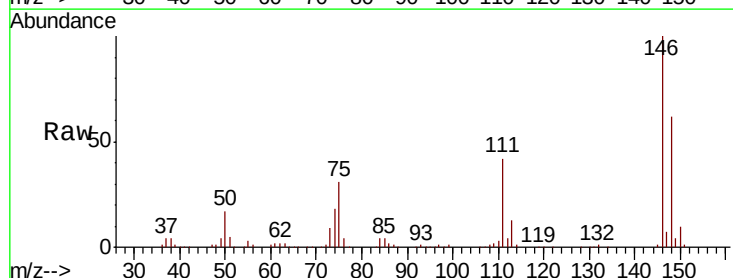
Instrument :
 BNA_F
 ClientSampleId :

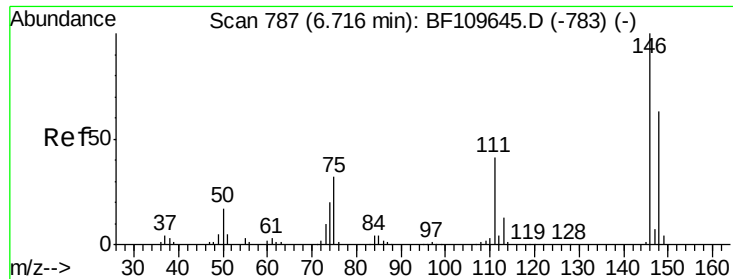
Tot Ion: 93 Resp: 288223
 Ion Ratio Lower Upper
 93 100
 63 71.7 53.4 93.4
 95 31.6 12.1 52.1



#12
 1,3-Dichlorobenzene
 Concen: 39.462 ng
 RT: 6.64 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BF109691.D
 Acq: 9 Oct 2018 13:27

Tgt Ion: 146 Resp: 296244
 Ion Ratio Lower Upper
 146 100
 148 62.1 50.4 75.6
 75 31.1 25.8 38.6

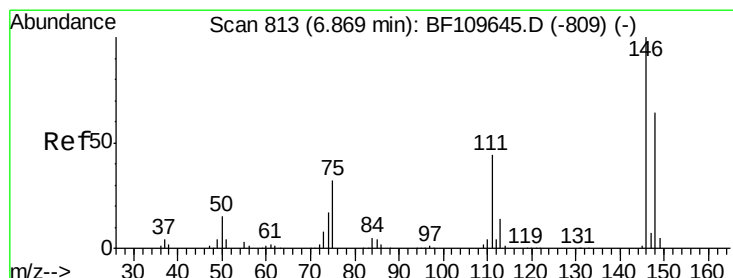
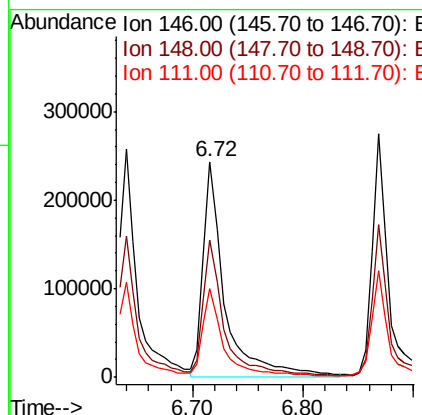
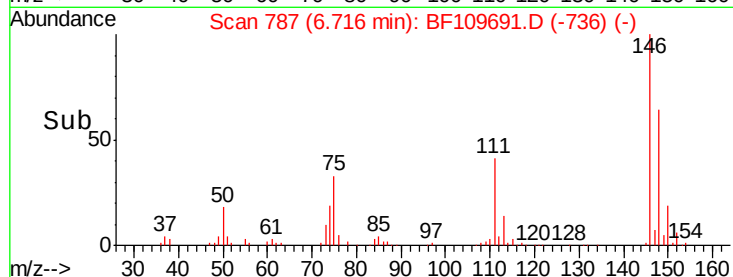
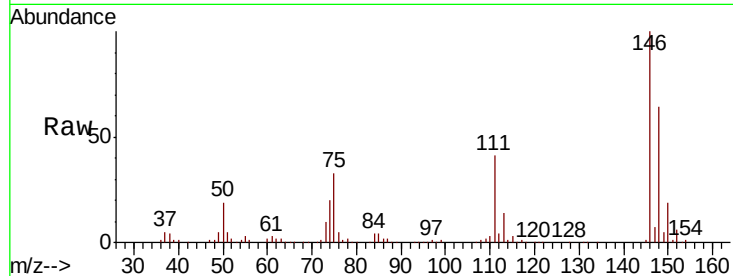




#13
 1,4-Dichlorobenzene
 Concen: 39.592 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF109691.D
 Acq: 9 Oct 2018 13:27

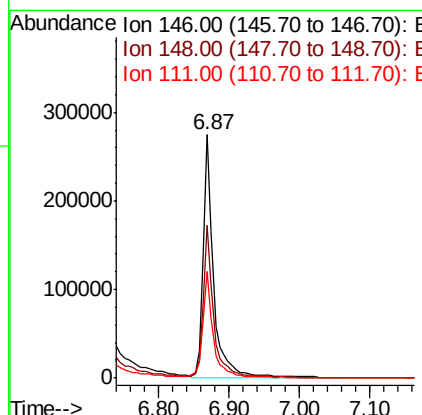
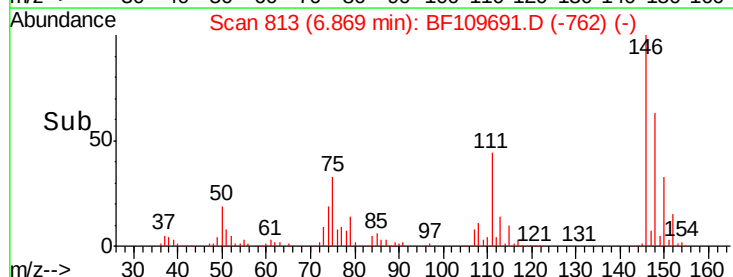
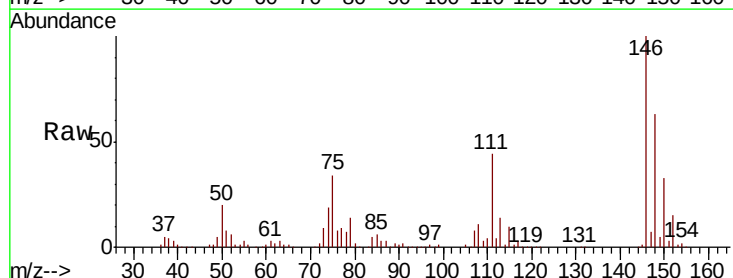
Instrument :
 BNA_F
 ClientSampleId :

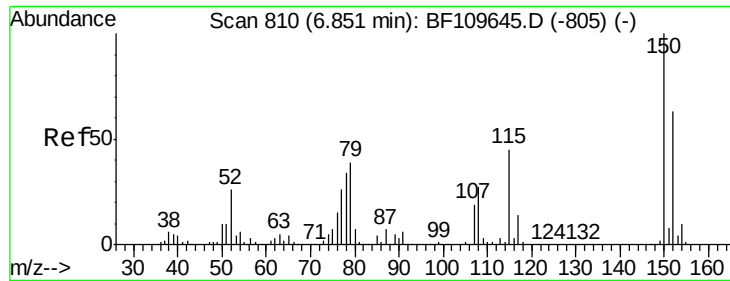
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.3	75.5
111	41.1	32.7	49.1



#14
 1,2-Dichlorobenzene
 Concen: 40.299 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF109691.D
 Acq: 9 Oct 2018 13:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.1	76.7
111	43.6	35.8	53.6





#15

Benzyl Alcohol

Concen: 40.659 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF109691.D

Acq: 9 Oct 2018 13:27

Instrument :

BNA_F

ClientSampleId :

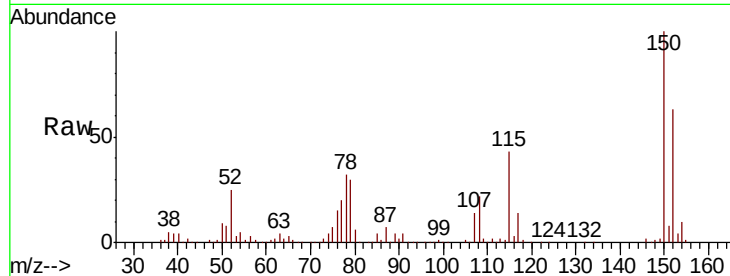
Tot Ion: 79 Resp: 214902

Ion Ratio Lower Upper

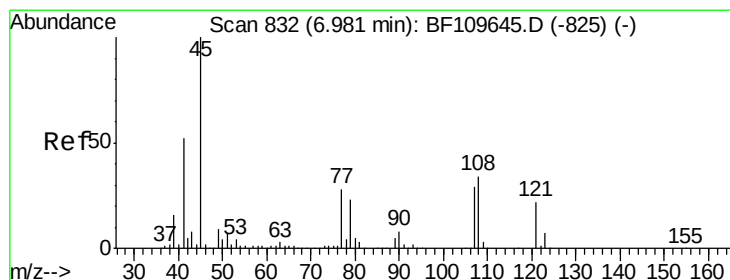
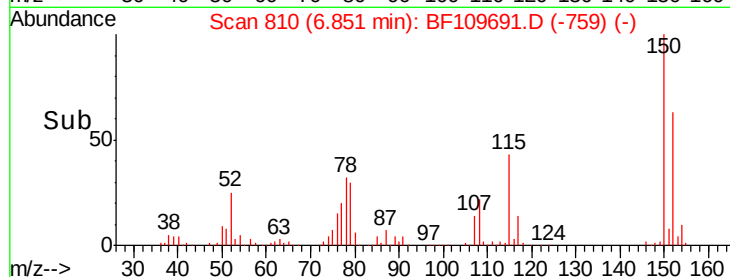
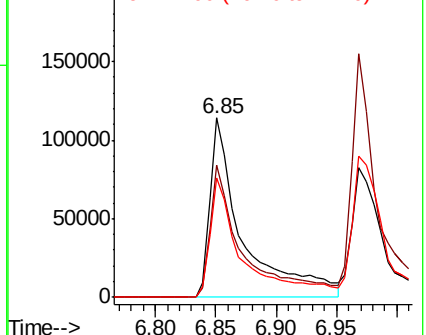
79 100

108 73.6 56.3 84.5

77 66.9 52.9 79.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.723 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF109691.D

Acq: 9 Oct 2018 13:27

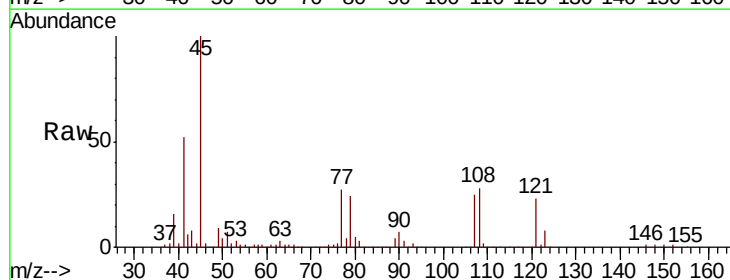
Tgt Ion: 45 Resp: 348007

Ion Ratio Lower Upper

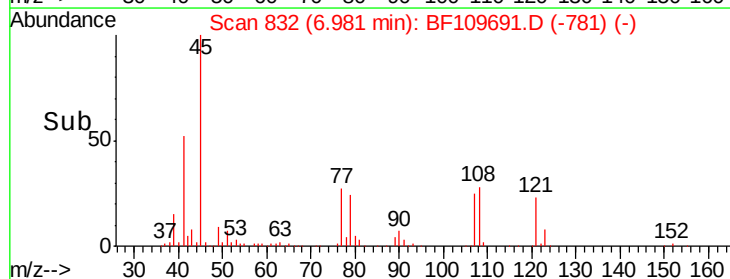
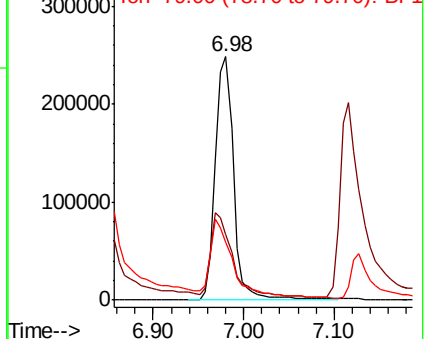
45 100

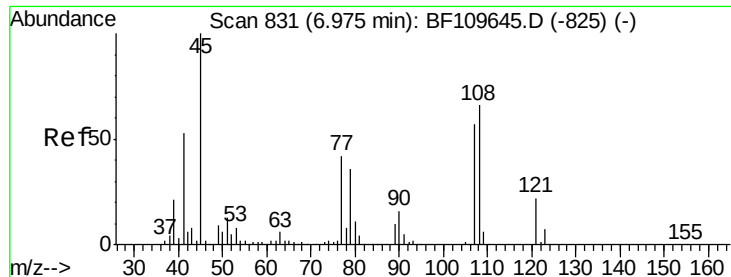
77 27.1 10.0 50.0

79 23.8 6.1 46.1



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

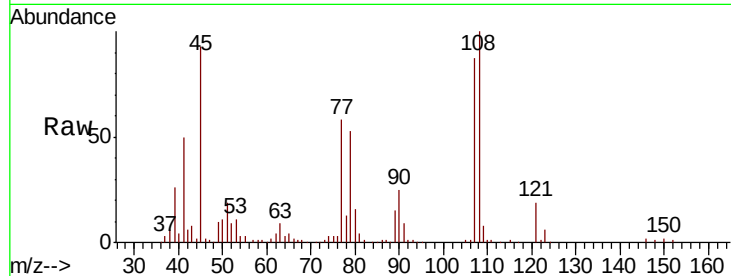




#17
2-Methylphenol
Concen: 39.304 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109691.D
Acq: 9 Oct 2018 13:27

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.7	92.6	138.8
77	66.4	59.4	89.2
79	61.3	54.0	81.0



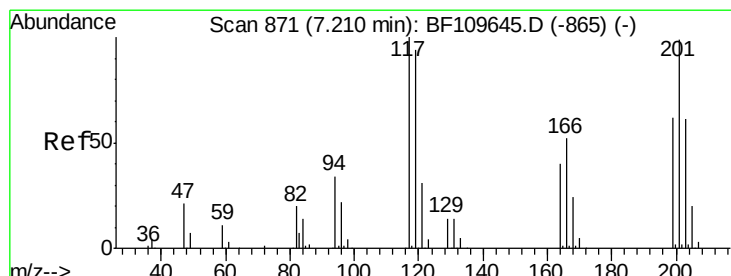
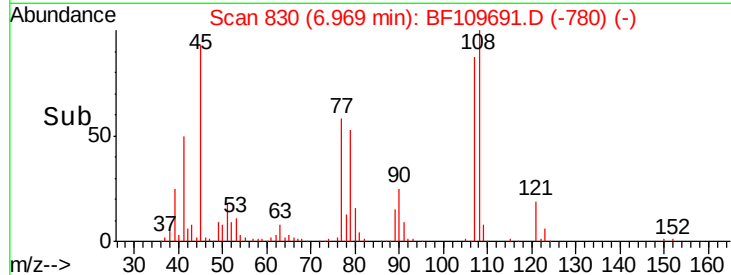
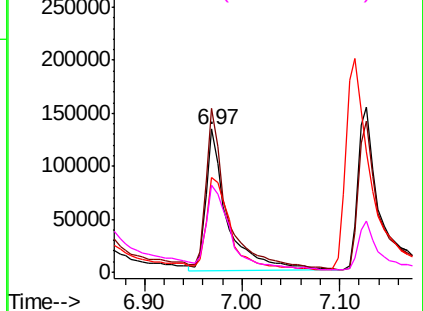
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

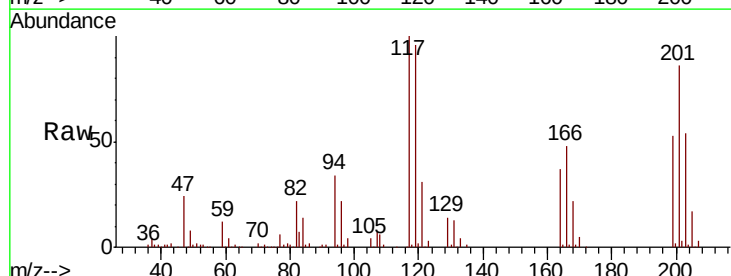
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.393 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF109691.D
Acq: 9 Oct 2018 13:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.0	112.6
201	86.0	79.2	118.8

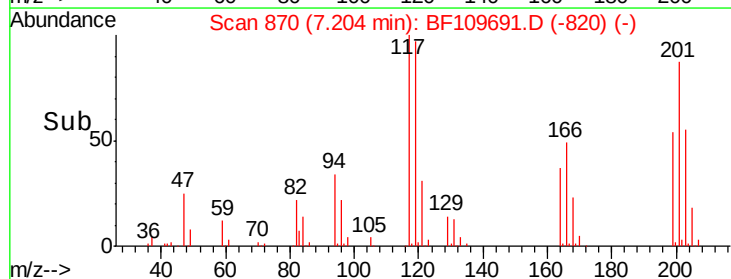
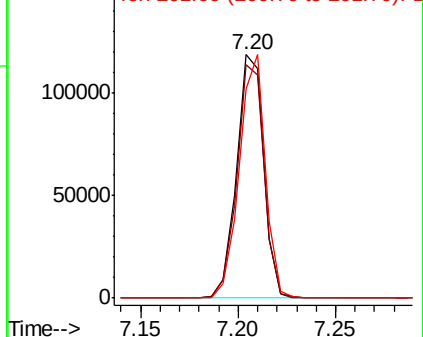


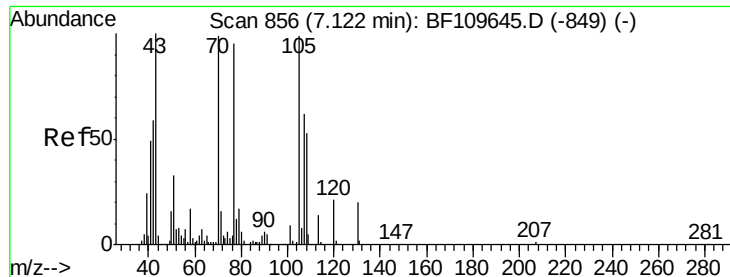
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

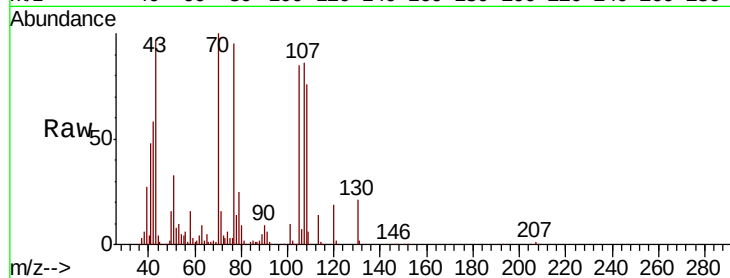




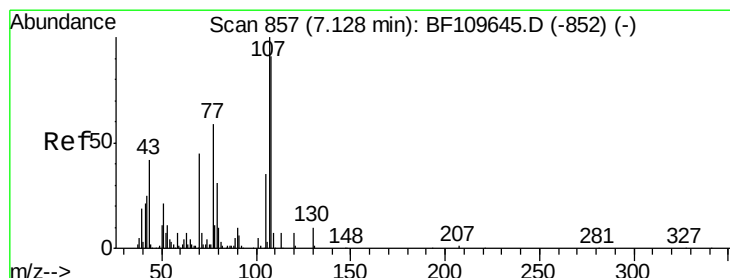
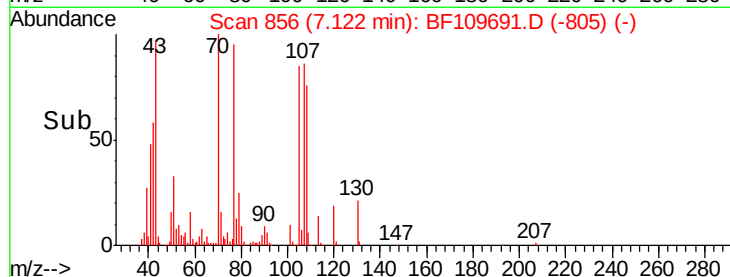
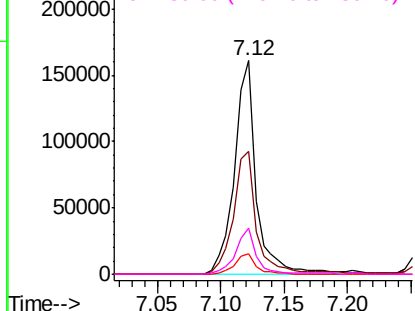
#19
n-Nitroso-di-n-propylamine
Concen: 38.253 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF109691.D
Acq: 9 Oct 2018 13:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:	70	Resp:	191255
Ion	Ratio	Lower	Upper
70	100		
42	57.7	47.4	71.2
101	9.7	7.3	10.9
130	21.3	16.2	24.2

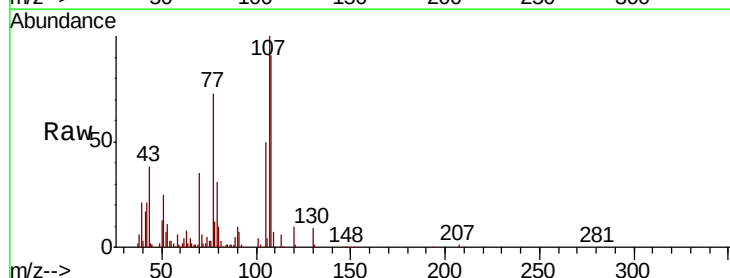


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

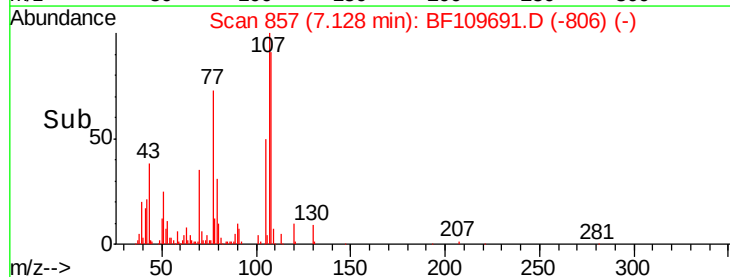
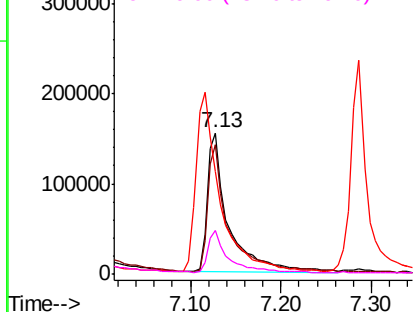


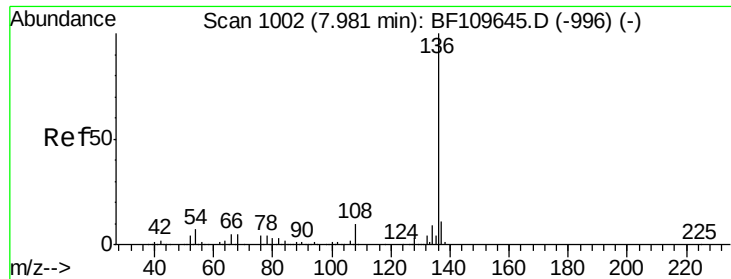
#20
3+4-Methylphenols
Concen: 39.353 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF109691.D
Acq: 9 Oct 2018 13:27

Tgt Ion:	107	Resp:	251694
Ion	Ratio	Lower	Upper
107	100		
108	91.4	71.4	111.4
77	72.6	47.3	87.3
79	30.8	10.9	50.9



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

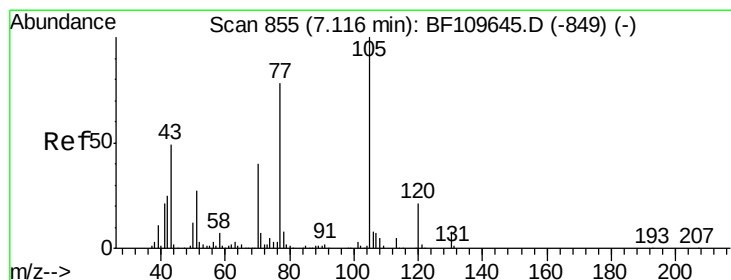
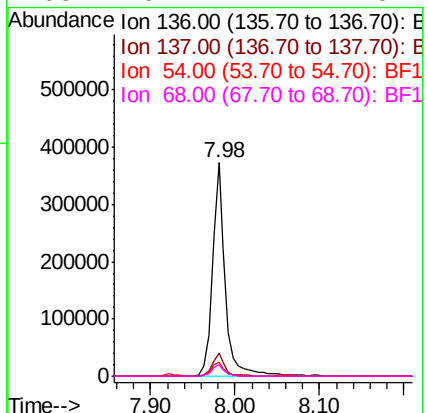
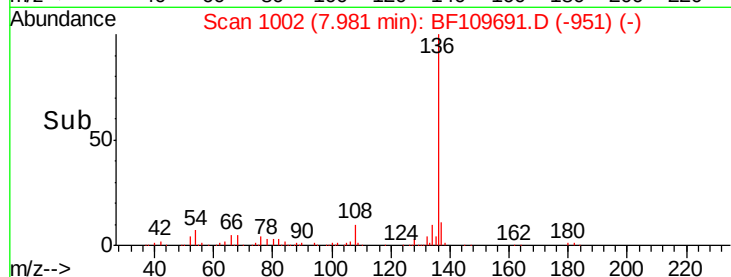
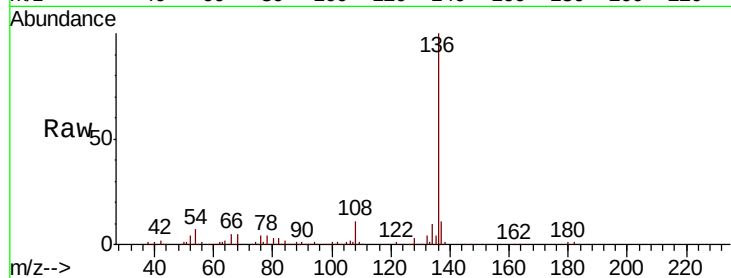




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BF109691.D
Acq: 9 Oct 2018 13:27

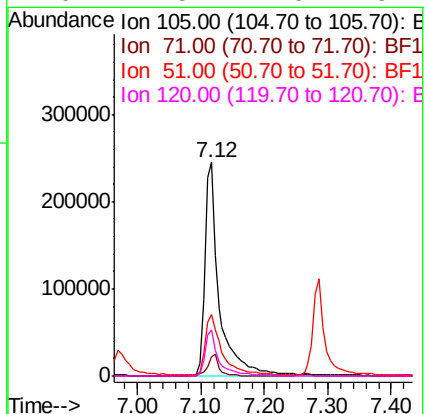
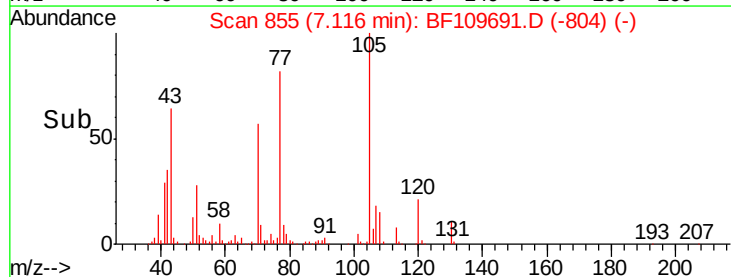
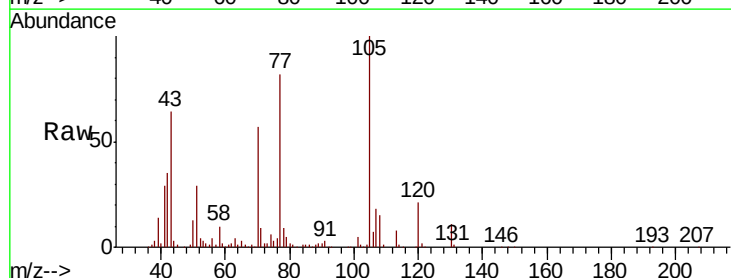
Instrument :
BNA_F
ClientSampleId :

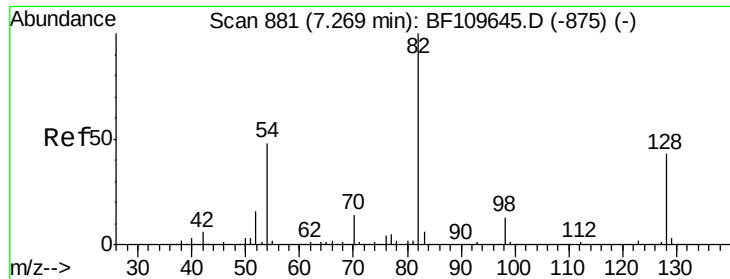
Tot Ion:136	Resp: 400343
Ion Ratio	Lower Upper
136 100	
137 10.8	8.8 13.2
54 6.8	5.4 8.2
68 5.2	4.2 6.2



#22
Acetophenone
Concen: 39.740 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF109691.D
Acq: 9 Oct 2018 13:27

Tgt	Ion:105	Resp:	384726
Ion	Ratio	Lower	Upper
105	100		
71	9.2	5.2	7.8#
51	28.6	21.8	32.8
120	21.5	17.0	25.4

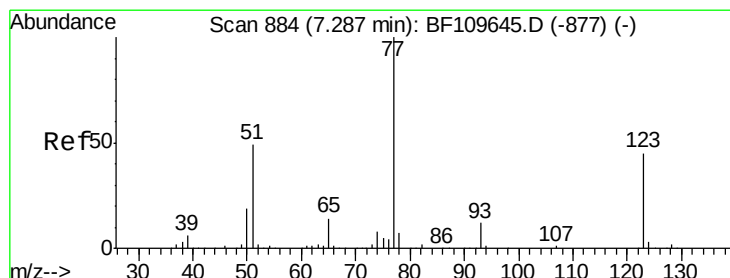
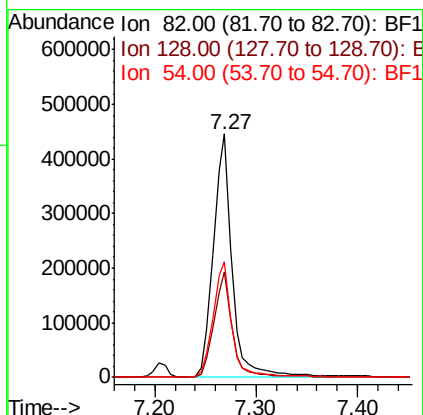
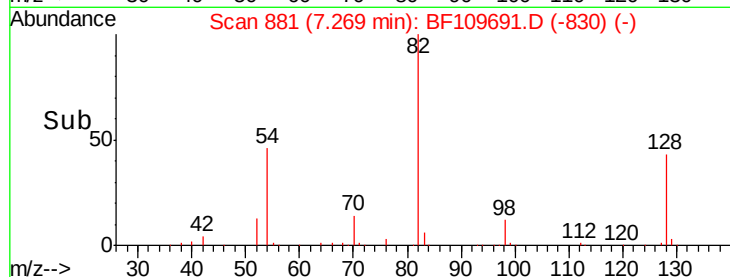
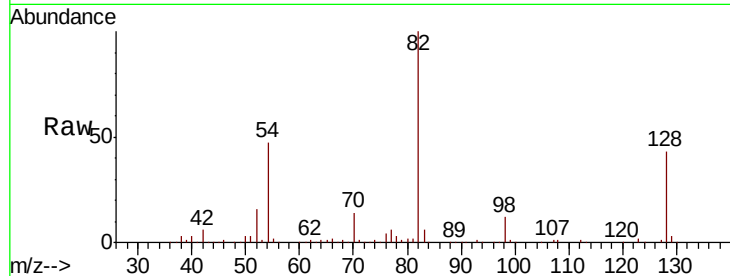




#23
Nitrobenzene-d5
Concen: 79.426 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF109691.D
Acq: 9 Oct 2018 13:27

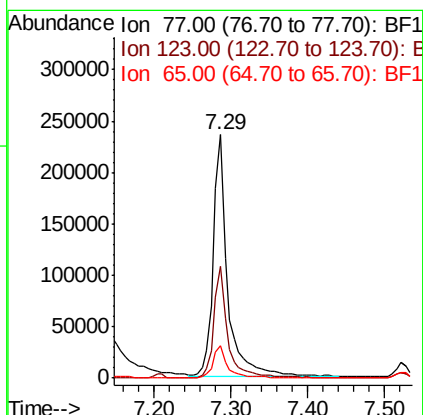
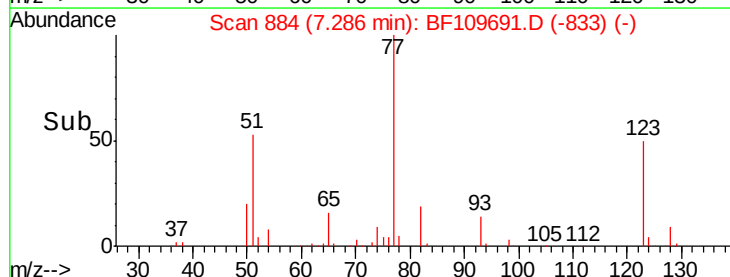
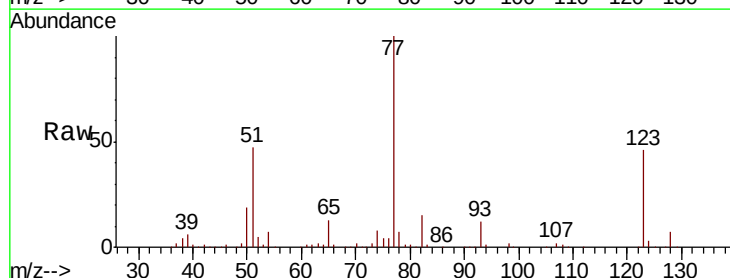
Instrument :
BNA_F
ClientSampled :

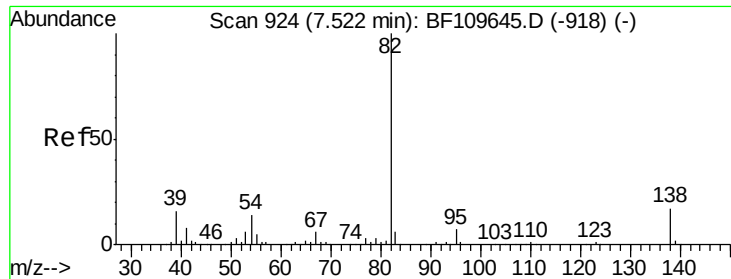
Tot Ion: 82 Resp: 576842
Ion Ratio Lower Upper
82 100
128 43.1 34.2 51.2
54 47.4 38.6 58.0



#24
Nitrobenzene
Concen: 39.322 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF109691.D
Acq: 9 Oct 2018 13:27

Tgt Ion: 77 Resp: 297165
Ion Ratio Lower Upper
77 100
123 45.7 35.7 53.5
65 13.2 10.7 16.1





#25

Isophorone

Concen: 38.196 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF109691.D

Acq: 9 Oct 2018 13:27

Instrument :

BNA_F

ClientSampled :

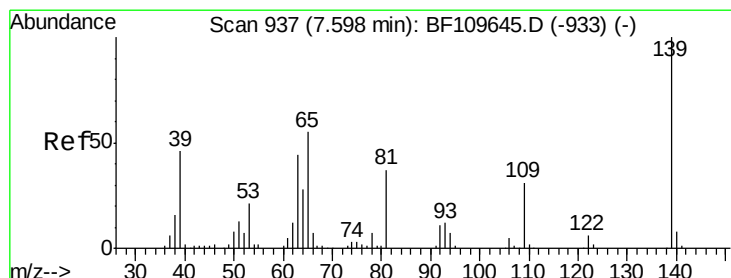
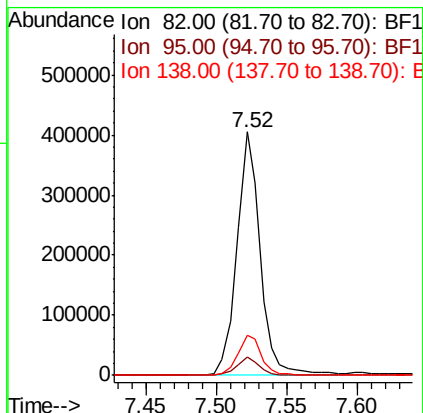
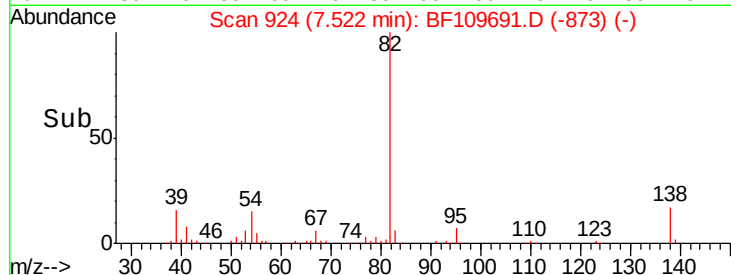
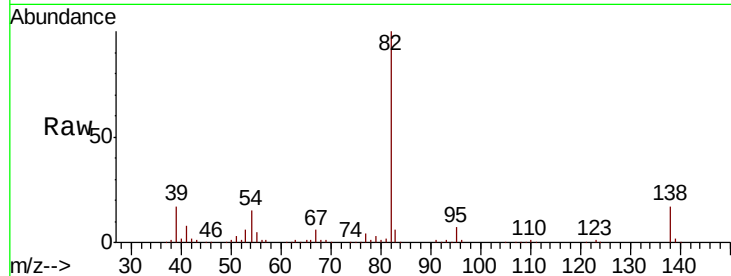
Tot Ion: 82 Resp: 460653

Ion Ratio Lower Upper

82 100

95 7.3 5.7 8.5

138 16.6 13.2 19.8



#26

2-Nitrophenol

Concen: 41.313 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF109691.D

Acq: 9 Oct 2018 13:27

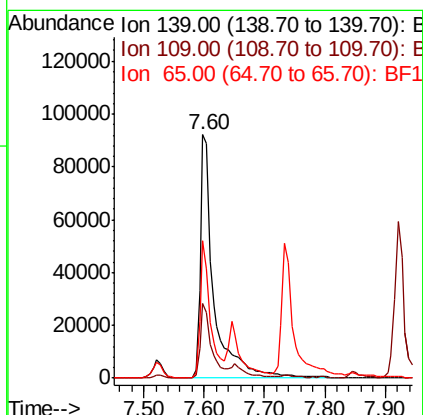
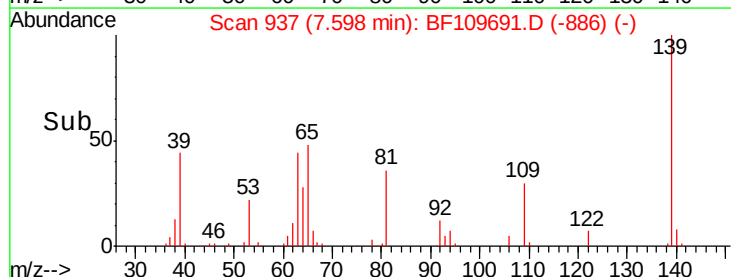
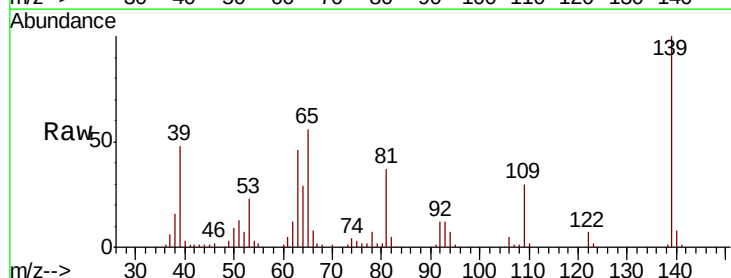
Tgt Ion: 139 Resp: 146037

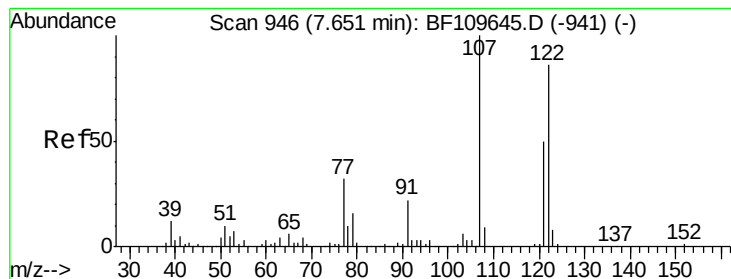
Ion Ratio Lower Upper

139 100

109 30.5 25.0 37.6

65 56.3 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 38.406 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF109691.D

Acq: 9 Oct 2018 13:27

Instrument :

BNA_F

ClientSampled :

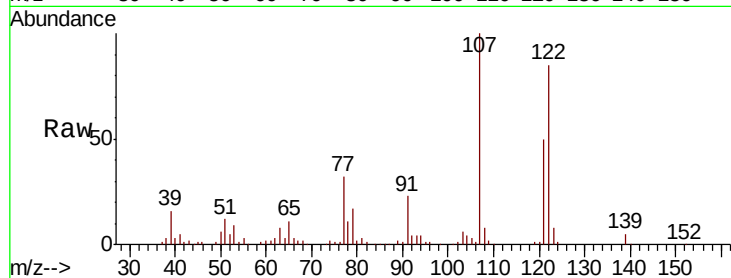
Tot Ion:122 Resp: 196046

Ion Ratio Lower Upper

122 100

107 117.1 92.5 138.7

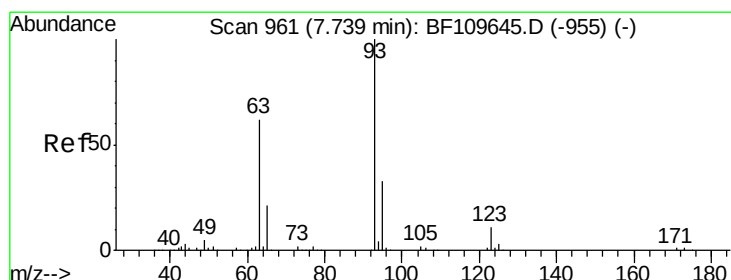
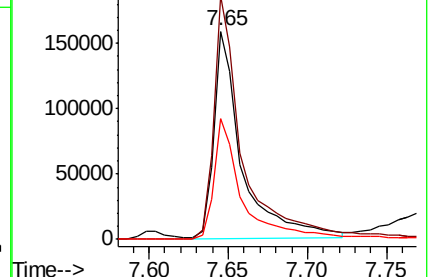
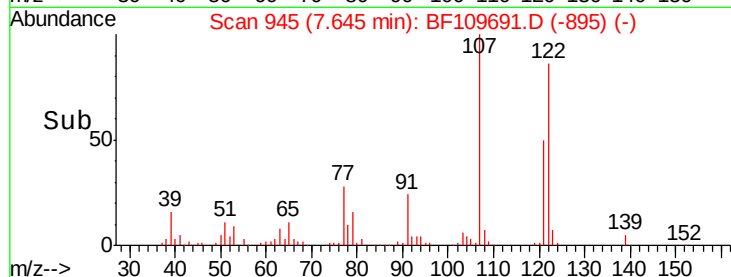
121 58.1 45.8 68.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.783 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF109691.D

Acq: 9 Oct 2018 13:27

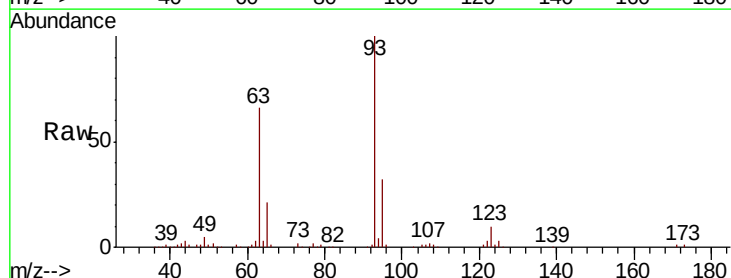
Tgt Ion: 93 Resp: 316376

Ion Ratio Lower Upper

93 100

95 32.1 26.4 39.6

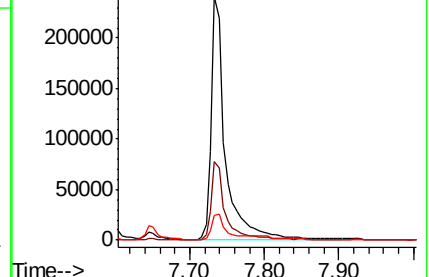
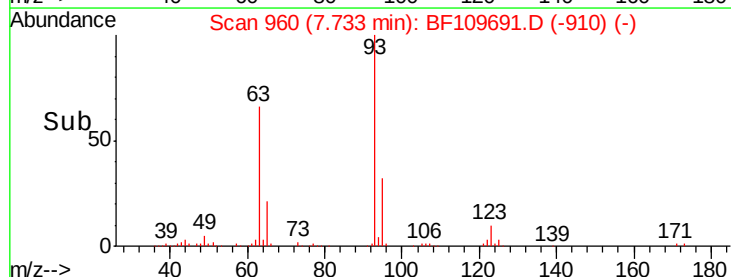
123 10.4 9.0 13.6

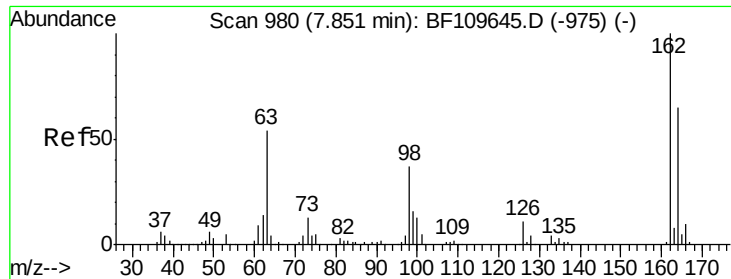


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

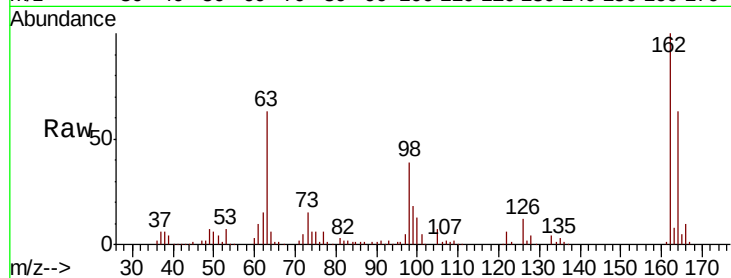




#29
 2,4-Dichlorophenol
 Concen: 40.131 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF109691.D
 Acq: 9 Oct 2018 13:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.6	84.6
98	38.7	17.4	57.4

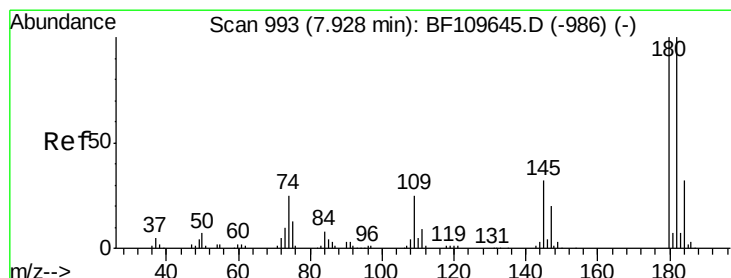
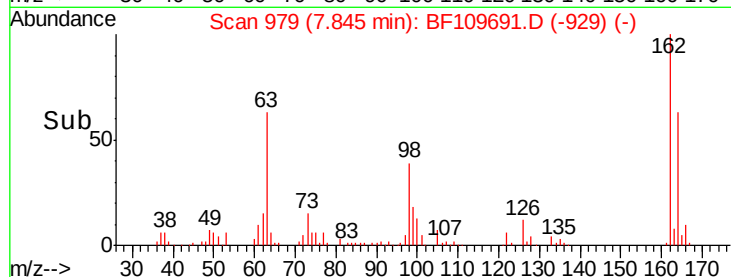
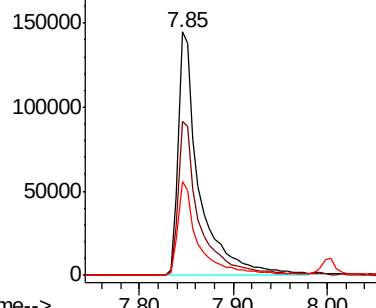


Abundance

Ion 162.00 (161.70 to 162.70): E

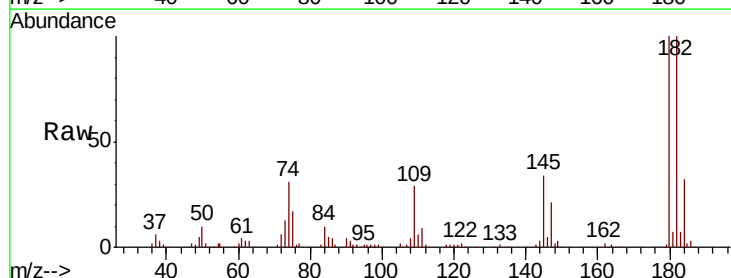
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.868 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF109691.D
 Acq: 9 Oct 2018 13:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.4	80.3	120.5
145	34.1	25.4	38.0

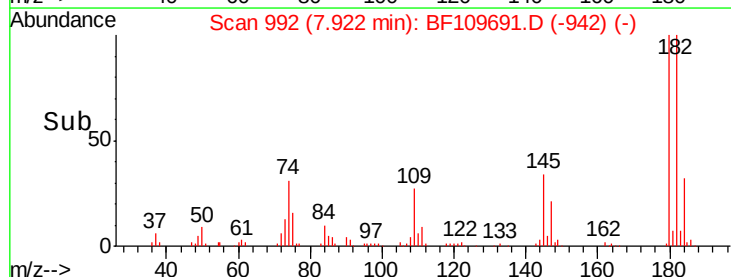
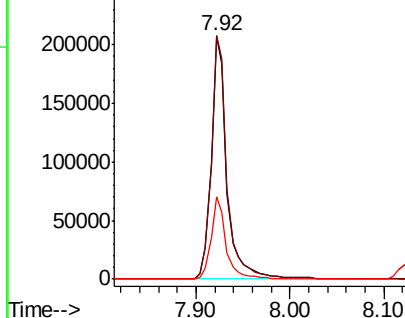


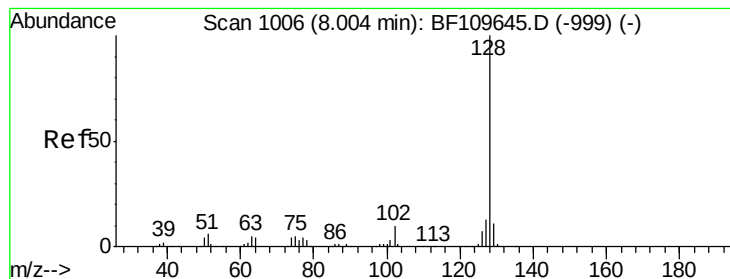
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.817 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF109691.D

Acq: 9 Oct 2018 13:27

Instrument :

BNA_F

ClientSampleId :

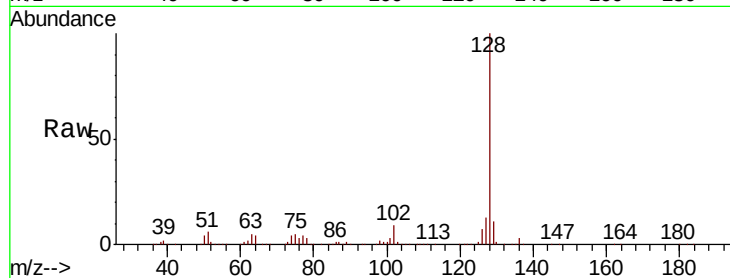
Tot Ion:128 Resp: 718684

Ion Ratio Lower Upper

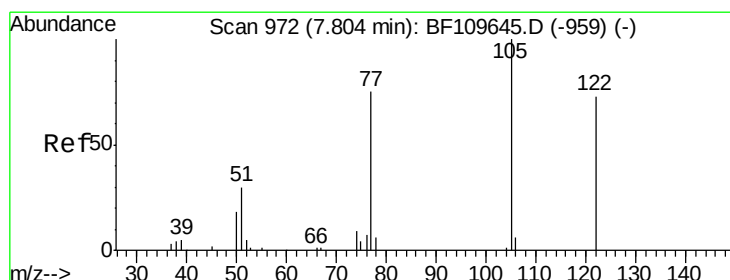
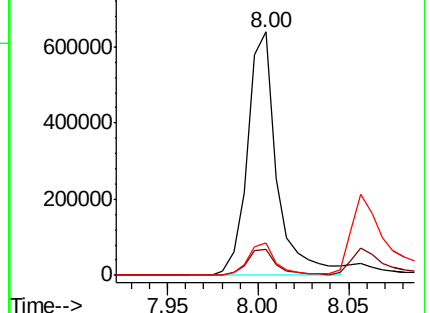
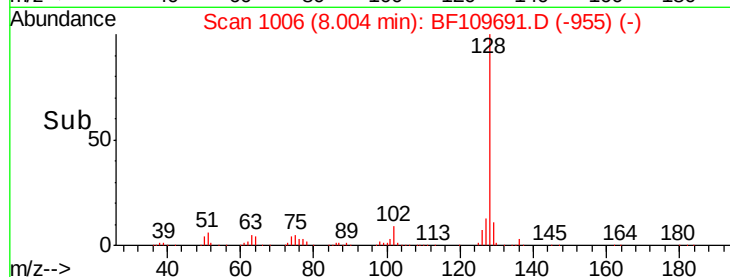
128 100

129 10.9 8.8 13.2

127 13.1 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: 40.939 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF109691.D

Acq: 9 Oct 2018 13:27

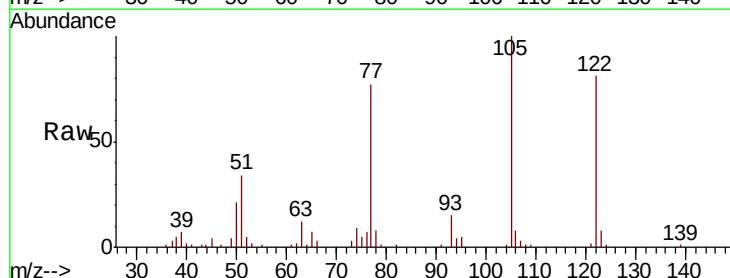
Tgt Ion:122 Resp: 149409

Ion Ratio Lower Upper

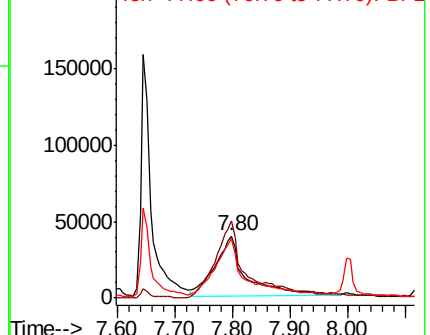
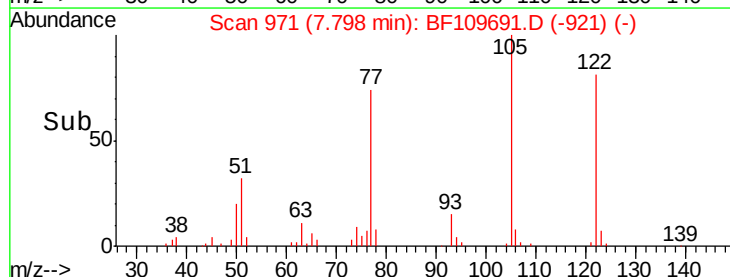
122 100

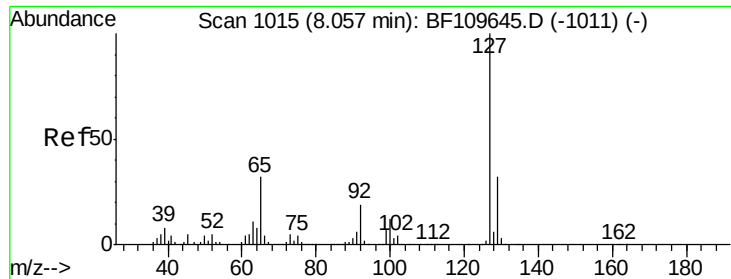
105 124.0 109.0 149.0

77 95.8 79.0 119.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

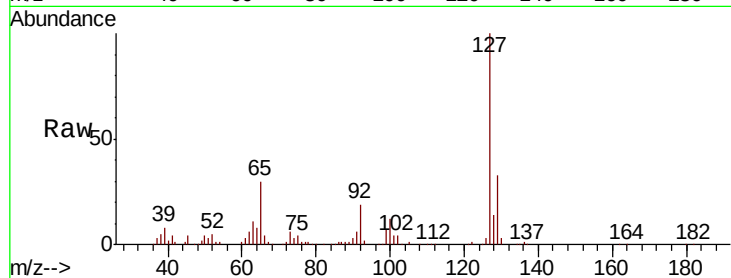




#33
4-Chloroaniline
Concen: 40.325 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF109691.D
Acq: 9 Oct 2018 13:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	328782
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.0	39.0
65	30.1	25.1	37.7
92	18.7	15.0	22.6



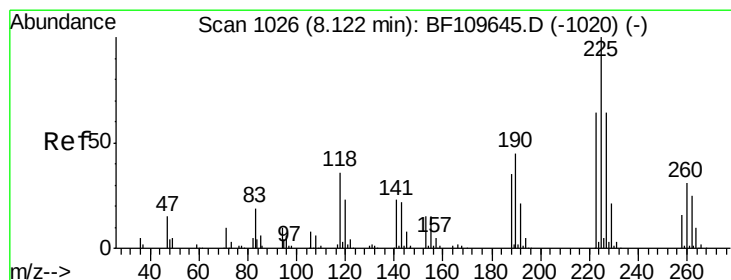
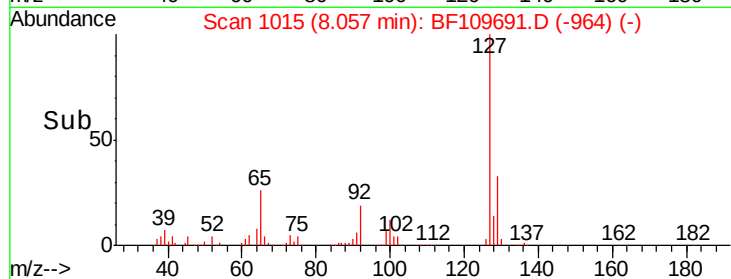
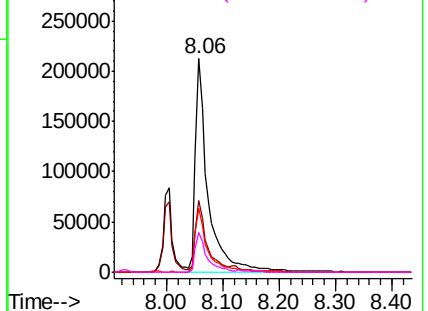
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

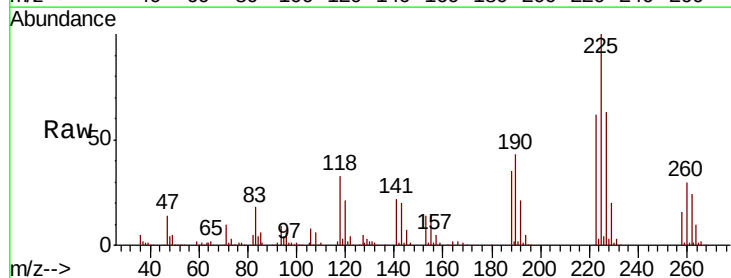
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 39.097 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF109691.D
Acq: 9 Oct 2018 13:27

Tgt Ion:	225	Resp:	154077
Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.4	77.2
227	62.8	51.0	76.6

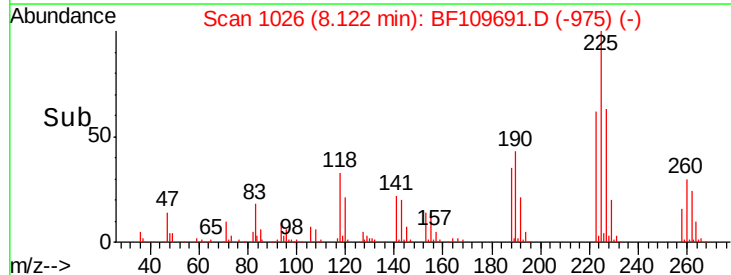
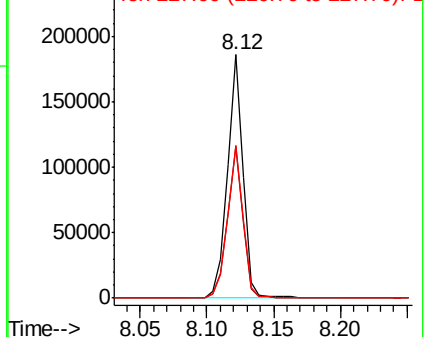


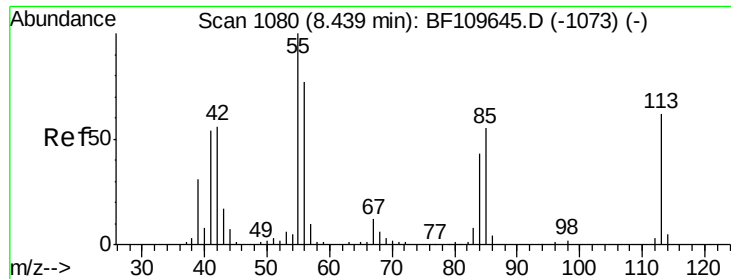
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

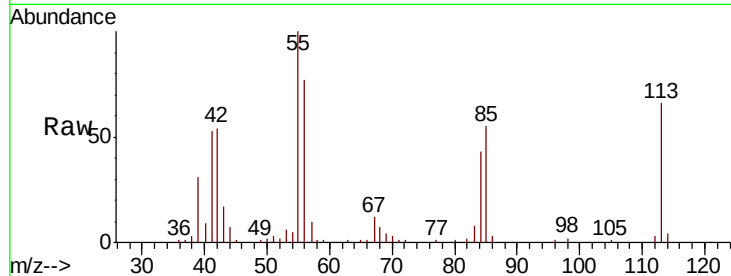




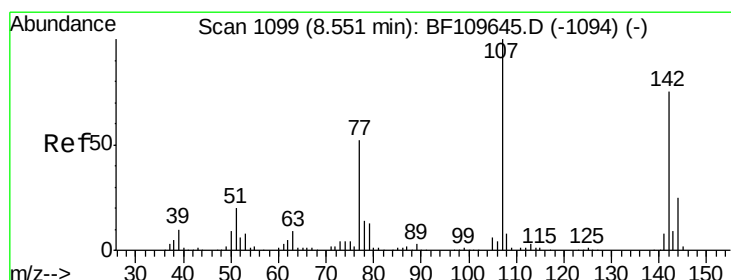
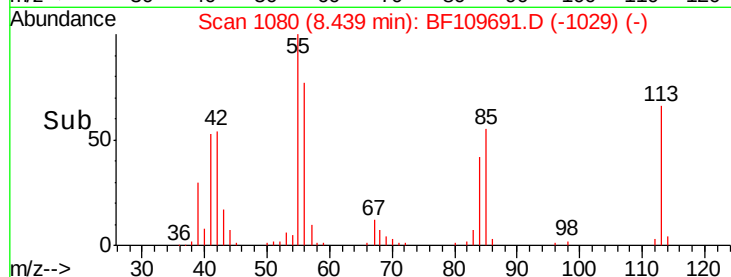
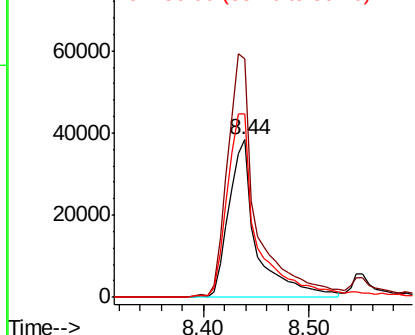
#35
 Caprolactam
 Concen: 40.906 ng
 RT: 8.44 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: BF109691.D
 Acq: 9 Oct 2018 13:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 69945
 Ion Ratio Lower Upper
 113 100
 55 151.7 142.8 182.8
 56 116.6 105.0 145.0

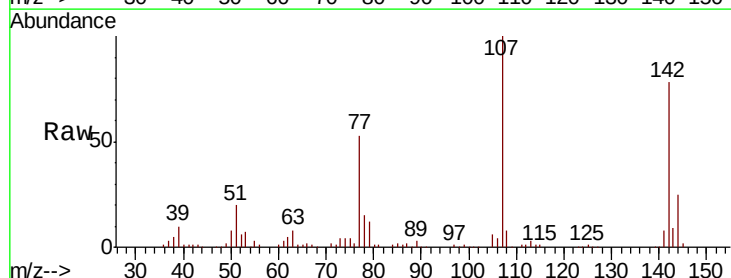


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

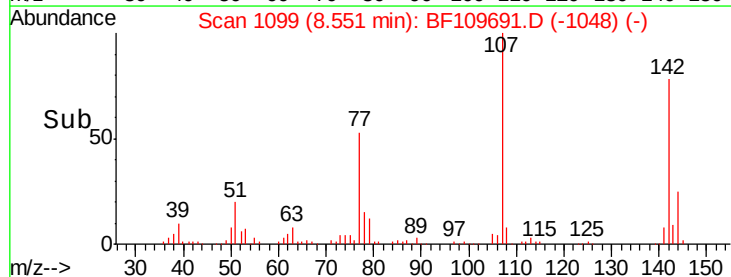
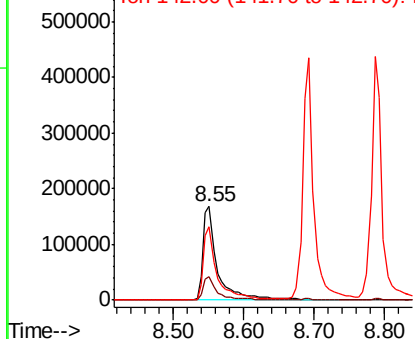


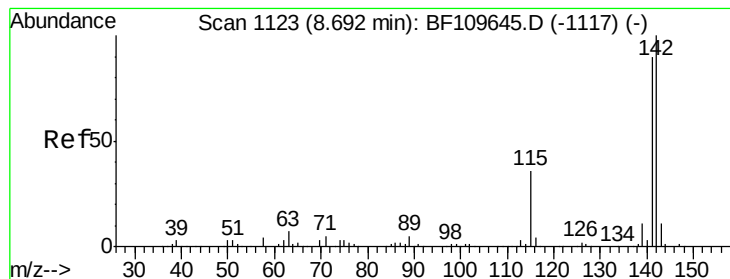
#36
 4-Chloro-3-methylphenol
 Concen: 40.753 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BF109691.D
 Acq: 9 Oct 2018 13:27

Tgt Ion:107 Resp: 246307
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.0 30.0
 142 78.4 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: 39.080 ng

RT: 8.69 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BF109691.D

Acq: 9 Oct 2018 13:27

Instrument :

BNA_F

ClientSampled :

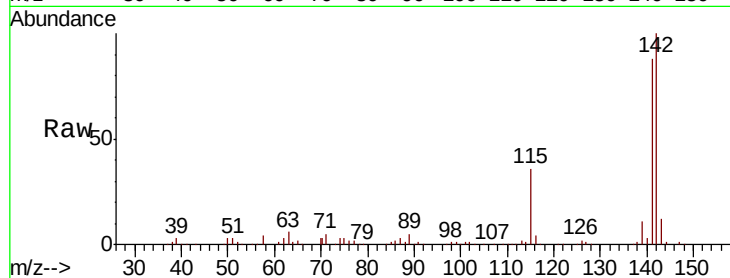
Tot Ion:142 Resp: 473959

Ion Ratio Lower Upper

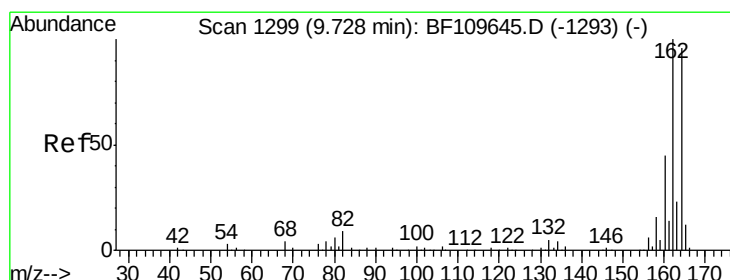
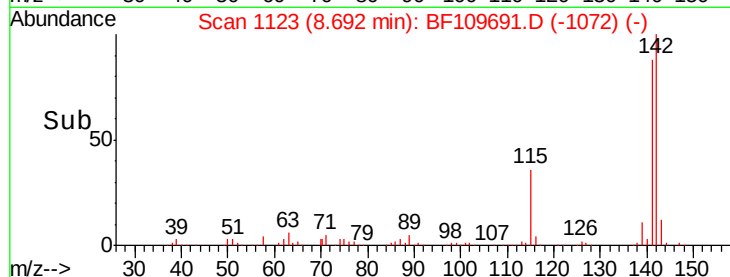
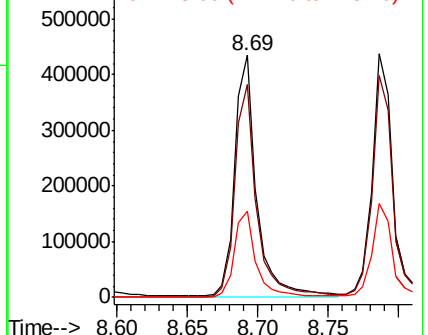
142 100

141 87.9 71.4 107.2

115 35.8 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: BF109691.D

Acq: 9 Oct 2018 13:27

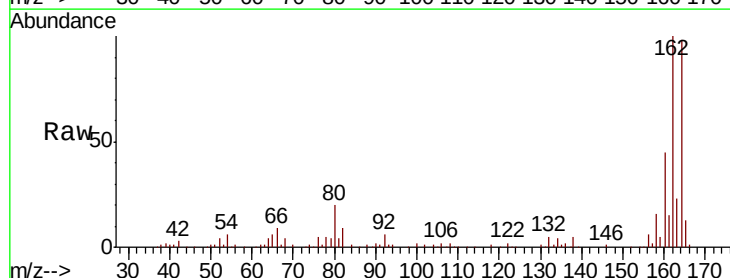
Tgt Ion:164 Resp: 193974

Ion Ratio Lower Upper

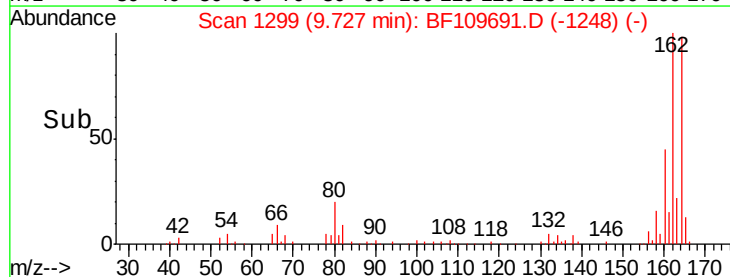
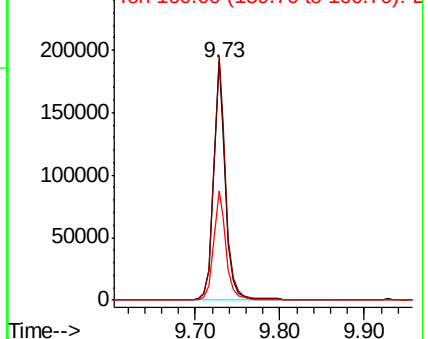
164 100

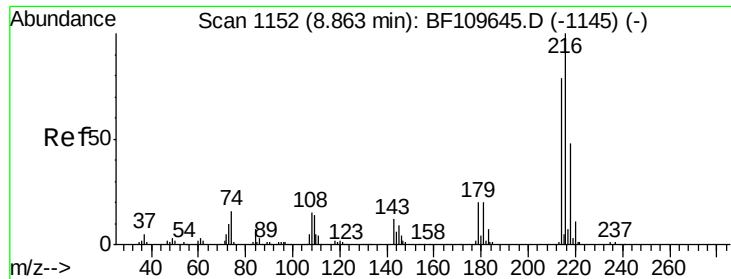
162 102.2 83.0 124.6

160 45.7 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

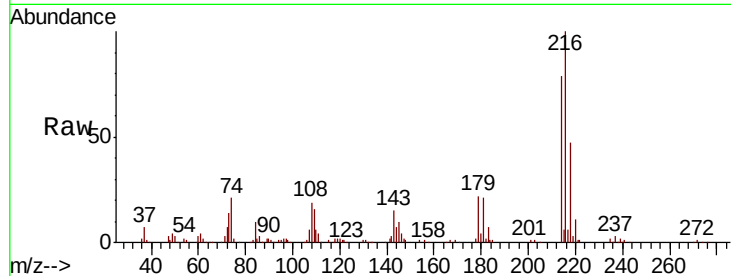




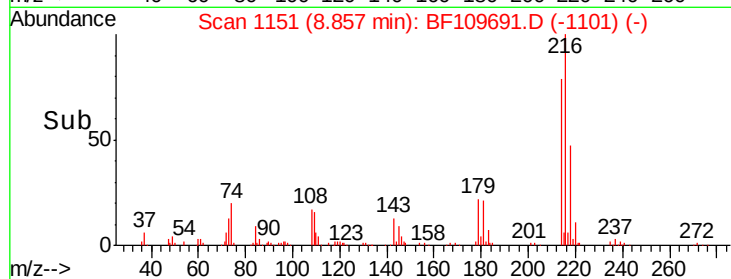
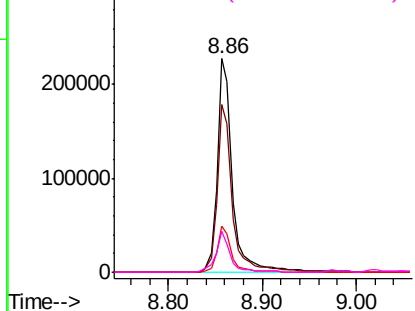
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.046 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF109691.D
 Acq: 9 Oct 2018 13:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	257816
Ion Ratio	Lower	Upper
216	100	
214	79.3	63.8 95.6
179	20.9	16.6 25.0
108	18.7	15.1 22.7

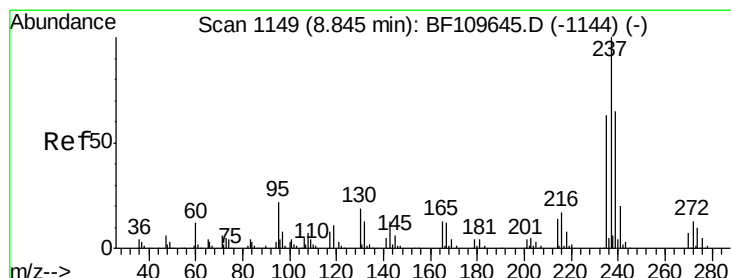


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

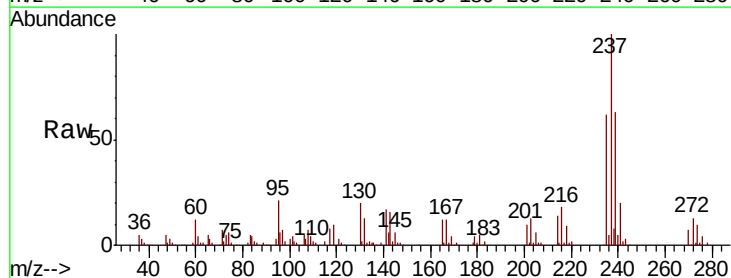
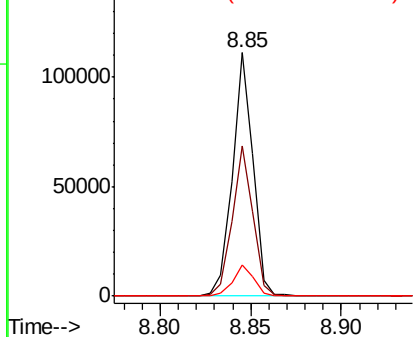


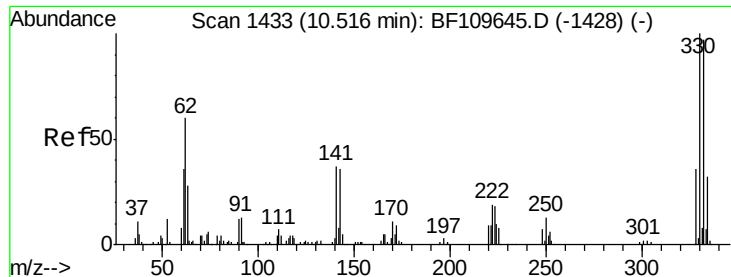
#40
 Hexachlorocyclopentadiene
 Concen: 34.897 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF109691.D
 Acq: 9 Oct 2018 13:27

Tgt Ion:237	Resp:	87991
Ion Ratio	Lower	Upper
237	100	
235	61.7	43.1 83.1
272	12.9	0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

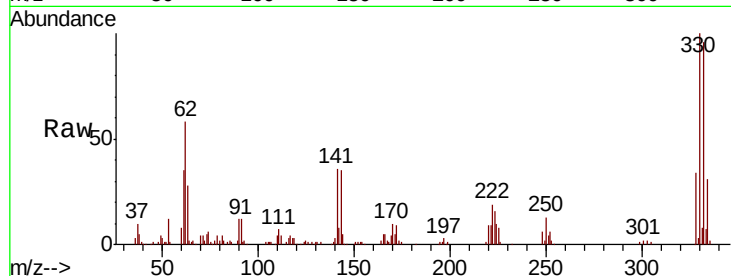




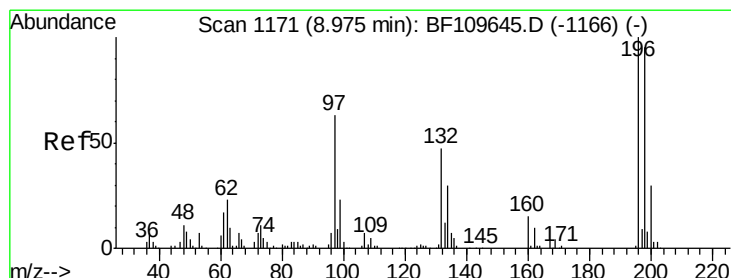
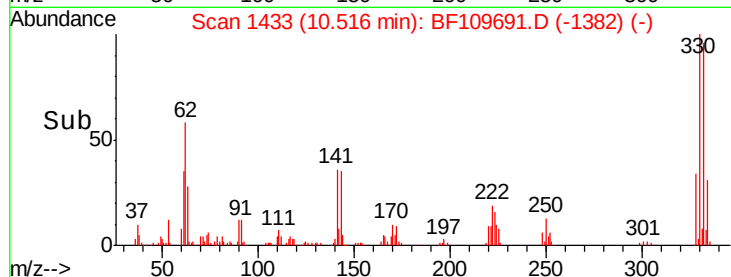
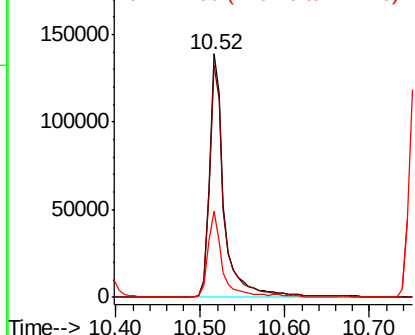
#41
 2,4,6-Tribromophenol
 Concen: 80.733 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF109691.D
 Acq: 9 Oct 2018 13:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 170633
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.1 115.7
 141 33.8 27.0 40.4

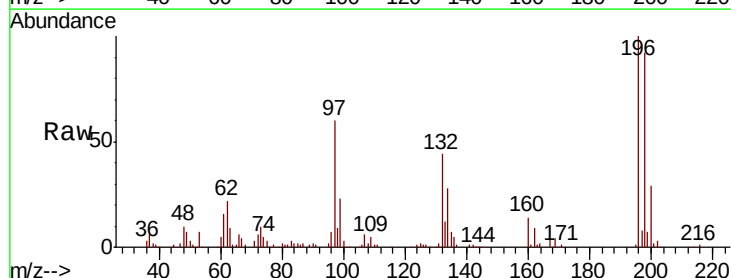


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

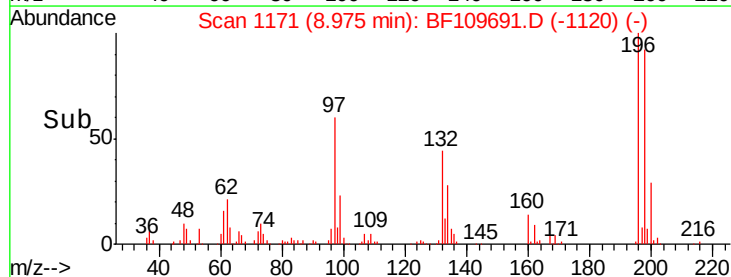
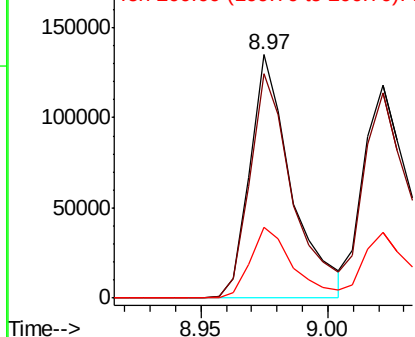


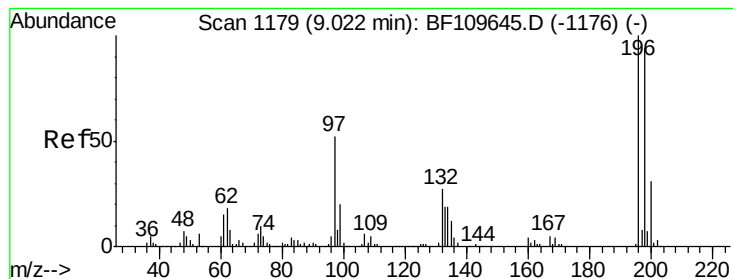
#42
 2,4,6-Trichlorophenol
 Concen: 39.143 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF109691.D
 Acq: 9 Oct 2018 13:27

Tgt Ion:196 Resp: 154505
 Ion Ratio Lower Upper
 196 100
 198 92.0 76.2 114.4
 200 29.3 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: 39.983 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF109691.D

Acq: 9 Oct 2018 13:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:196 Resp: 181463

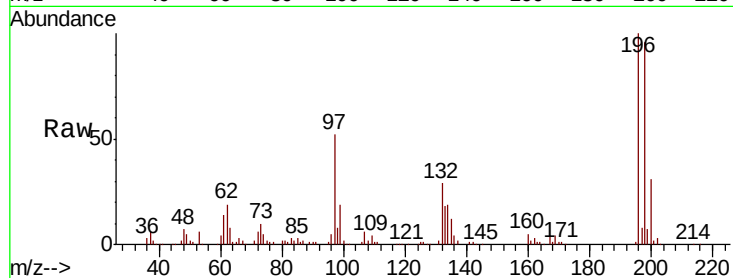
Ion Ratio Lower Upper

196 100

198 96.3 75.8 113.6

97 52.3 42.4 63.6

132 29.4 22.8 34.2

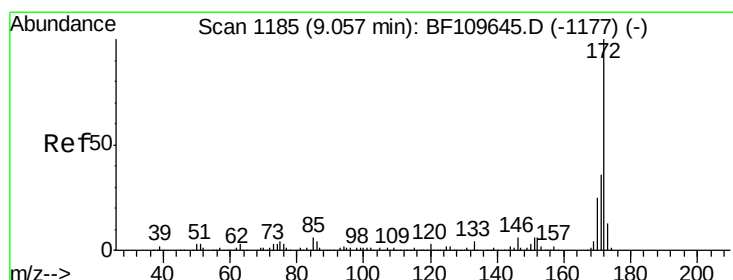
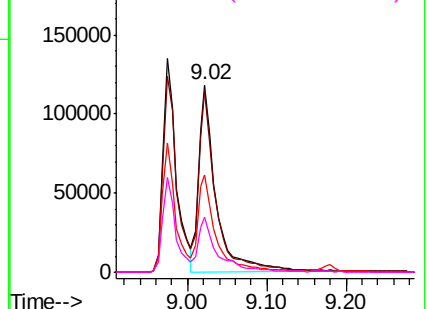
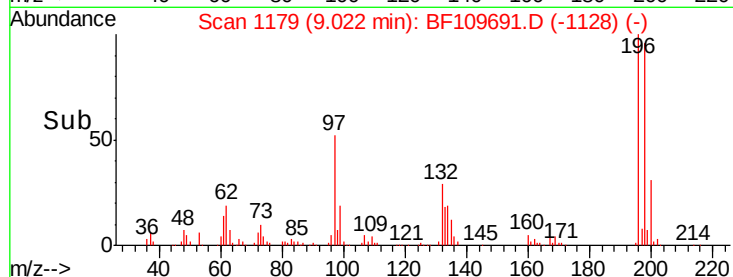


Abundance Ion 196.00 (195.70 to 196.70): E

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: 76.065 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BF109691.D

Acq: 9 Oct 2018 13:27

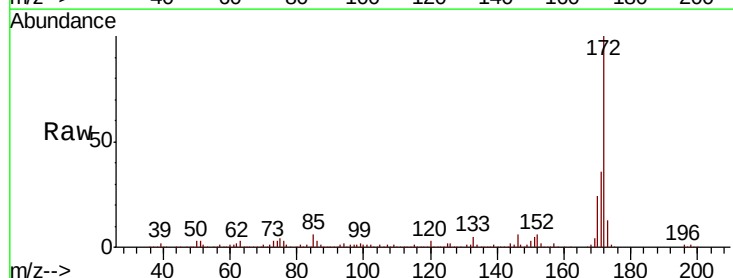
Tgt Ion:172 Resp: 1071315

Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

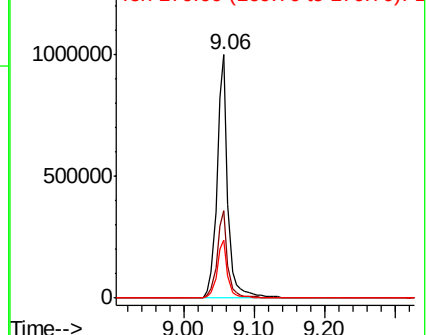
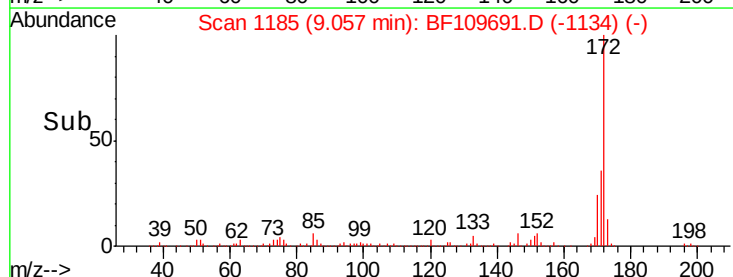
170 23.8 19.7 29.5

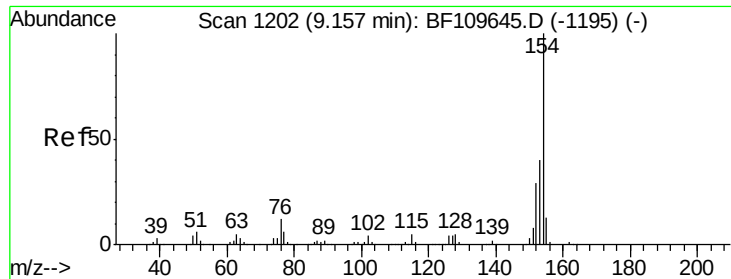


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

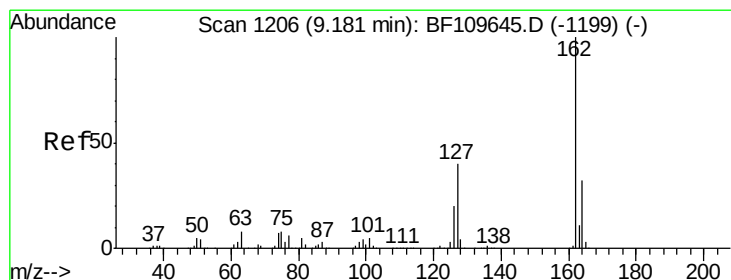
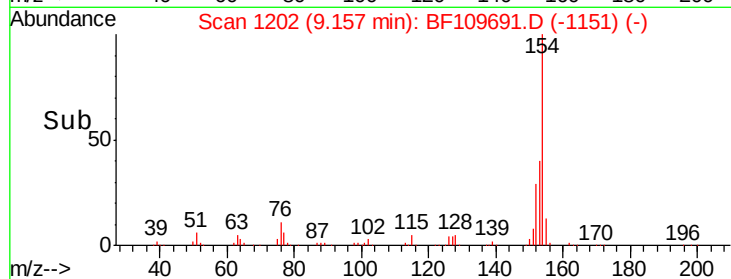
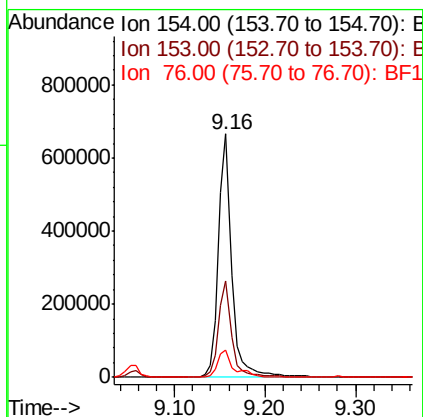
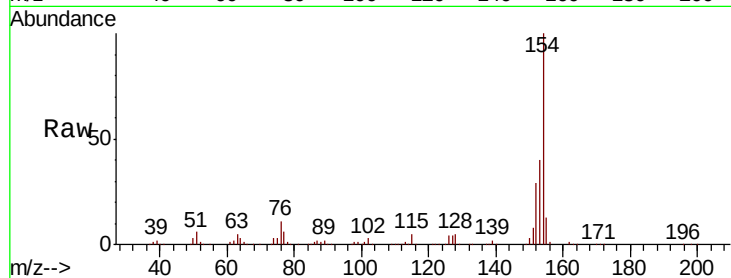




#45
 1,1'-Biphenyl
 Concen: 38.976 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF109691.D
 Acq: 9 Oct 2018 13:27

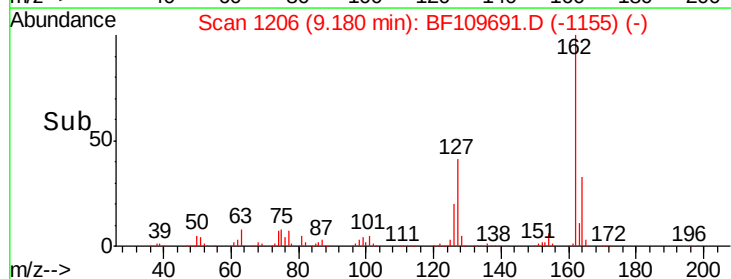
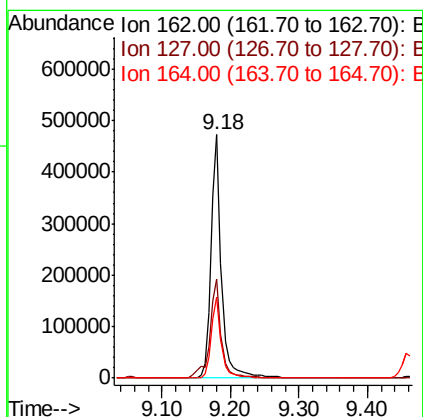
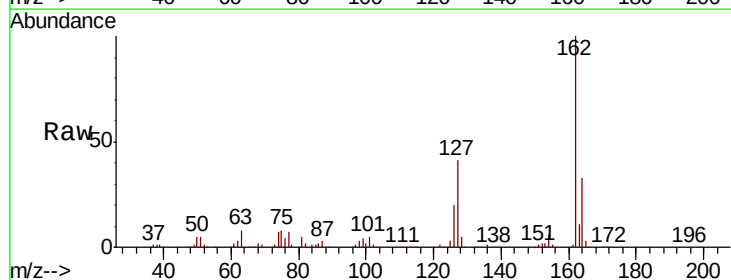
Instrument :
 BNA_F
 ClientSampleId :

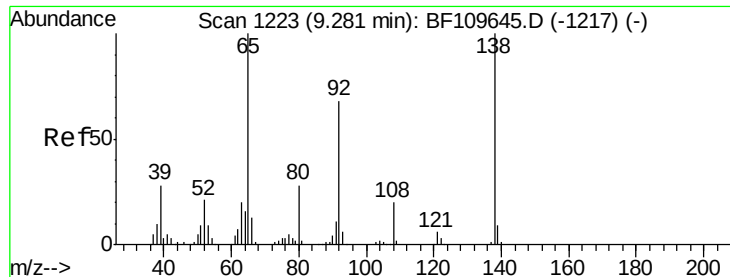
Tot Ion:154 Resp: 675394
 Ion Ratio Lower Upper
 154 100
 153 39.8 20.4 60.4
 76 11.1 0.0 31.9



#46
 2-Chloronaphthalene
 Concen: 38.718 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF109691.D
 Acq: 9 Oct 2018 13:27

Tgt Ion:162 Resp: 502653
 Ion Ratio Lower Upper
 162 100
 127 40.8 32.6 48.8
 164 33.4 25.9 38.9

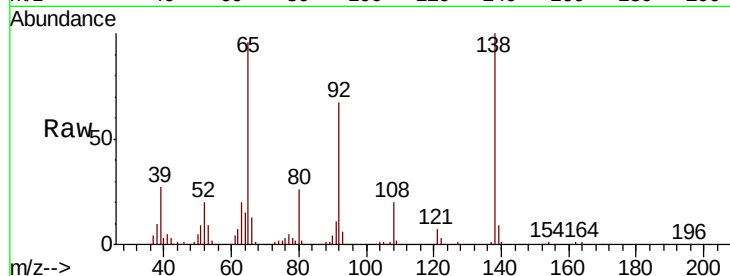




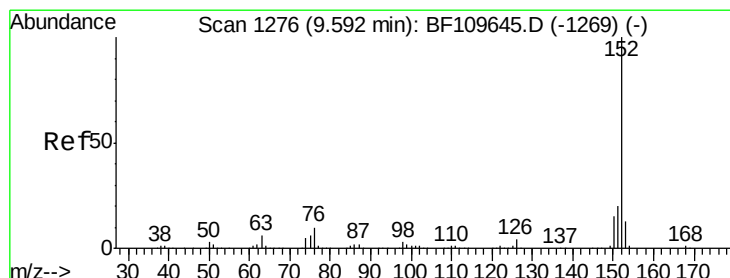
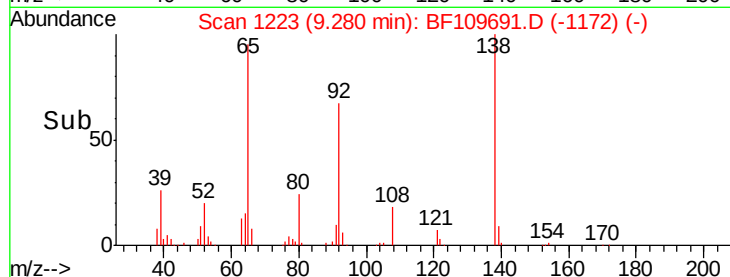
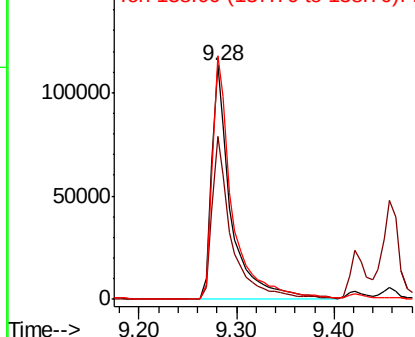
#47
2-Nitroaniline
Concen: 39.795 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BF109691.D
Acq: 9 Oct 2018 13:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 156436
Ion Ratio Lower Upper
65 100
92 69.4 54.6 81.8
138 103.9 80.3 120.5

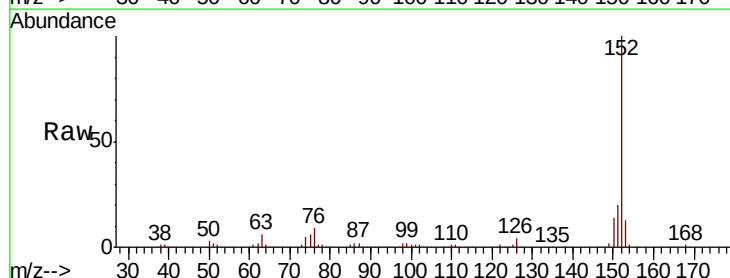


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

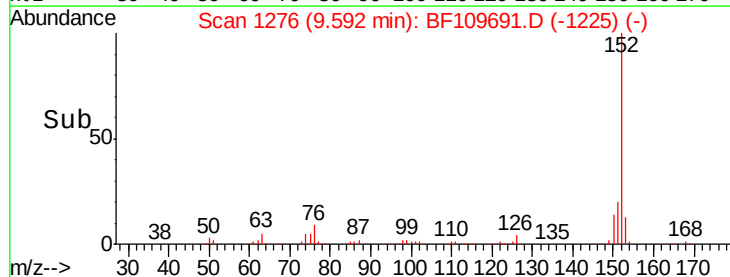
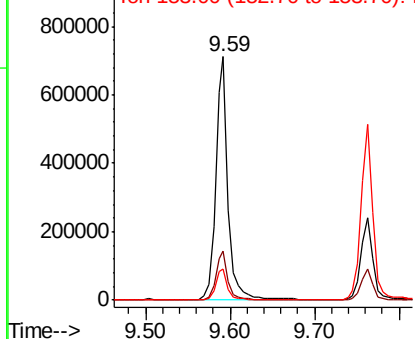


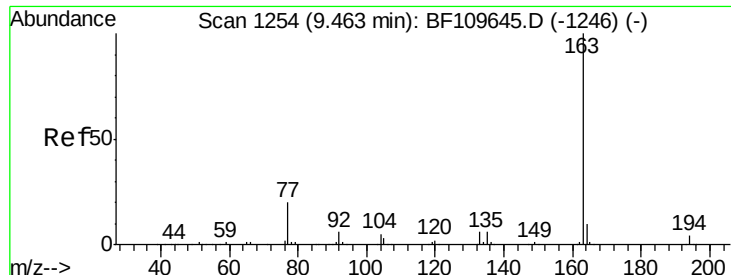
#48
Acenaphthylene
Concen: 38.894 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BF109691.D
Acq: 9 Oct 2018 13:27

Tgt Ion: 152 Resp: 736134
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 12.9 10.4 15.6



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

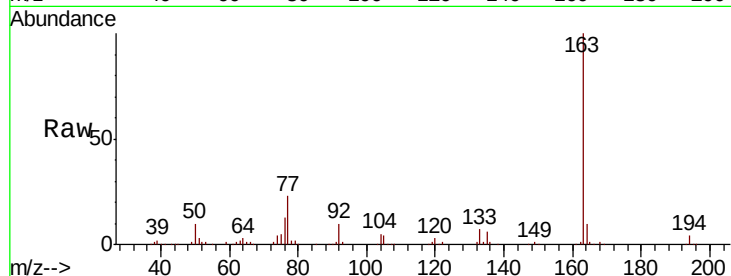




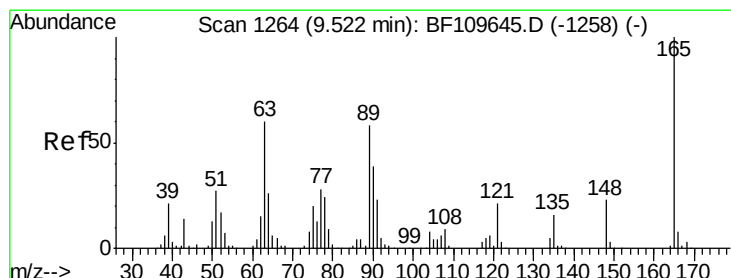
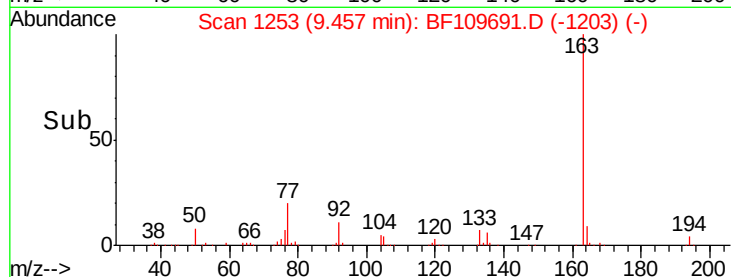
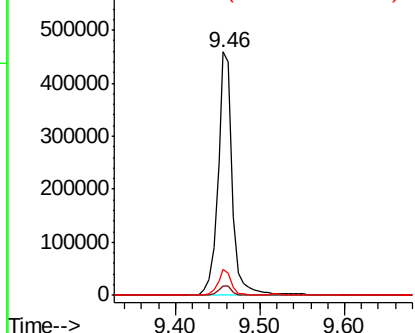
#49
Dimethylphthalate
Concen: 39.069 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF109691.D
Acq: 9 Oct 2018 13:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 555808
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.5 8.1 12.1

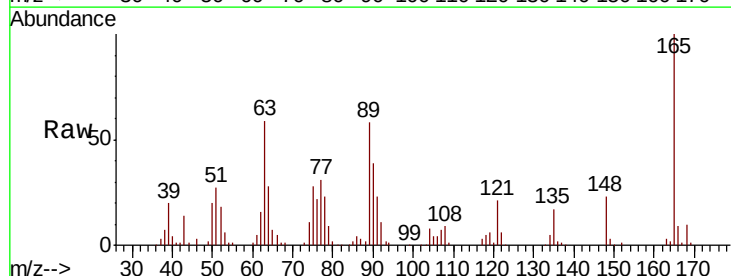


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

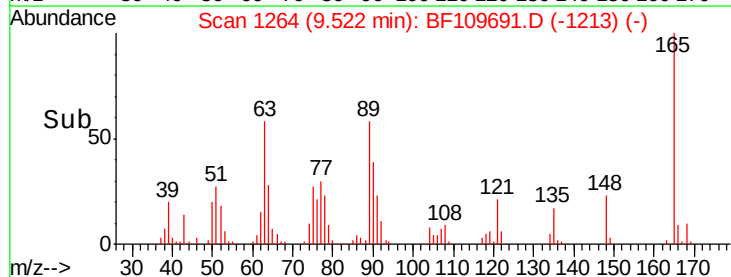
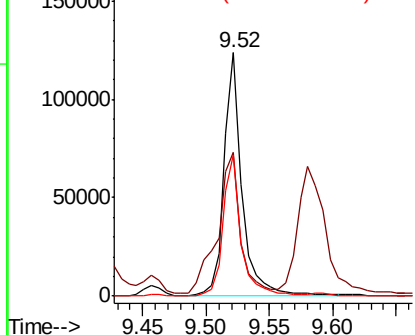


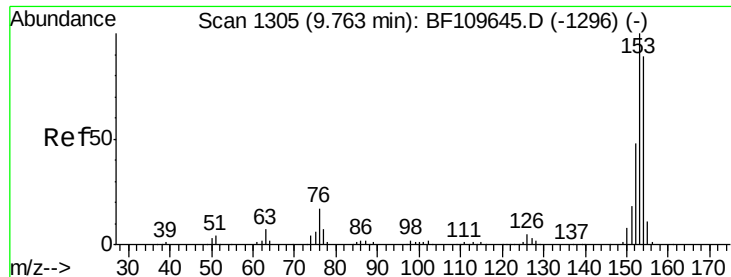
#50
2,6-Dinitrotoluene
Concen: 39.874 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BF109691.D
Acq: 9 Oct 2018 13:27

Tgt Ion:165 Resp: 122963
Ion Ratio Lower Upper
165 100
63 58.9 48.9 73.3
89 57.9 46.6 69.8



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





#51

Acenaphthene

Concen: 37.716 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF109691.D

Acq: 9 Oct 2018 13:27

Instrument :

BNA_F

ClientSampleId :

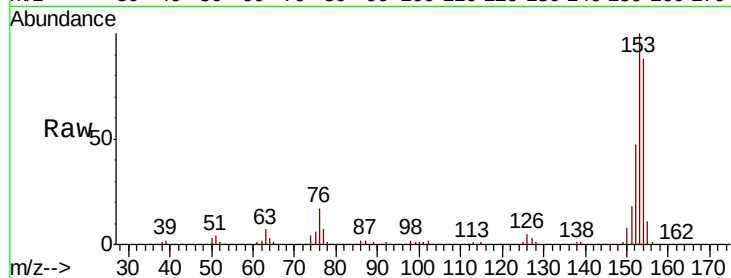
Tot Ion:154 Resp: 423164

Ion Ratio Lower Upper

154 100

153 113.3 90.1 135.1

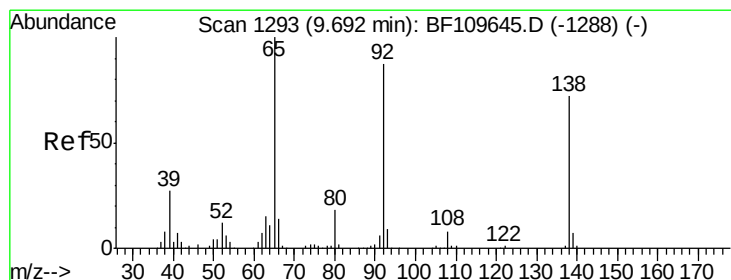
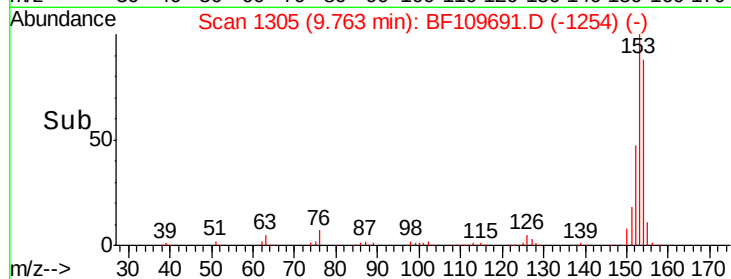
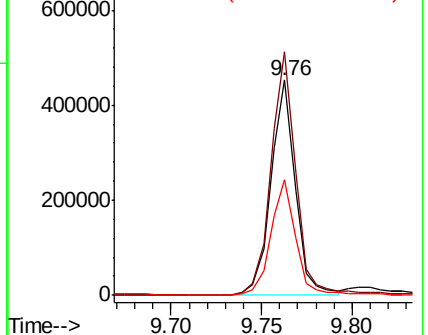
152 53.6 43.4 65.2



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: 40.527 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF109691.D

Acq: 9 Oct 2018 13:27

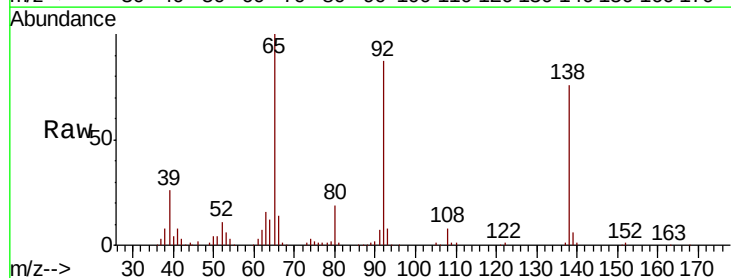
Tgt Ion:138 Resp: 140091

Ion Ratio Lower Upper

138 100

108 10.6 8.7 13.1

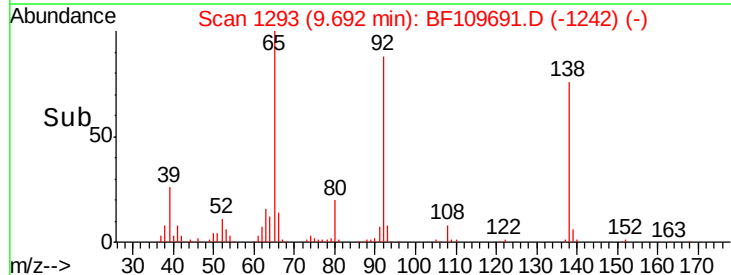
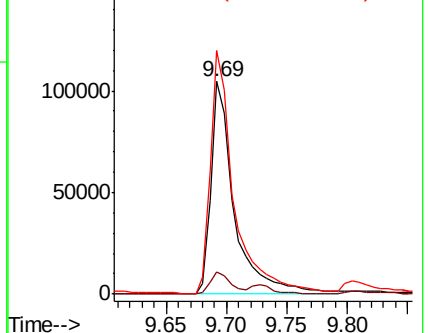
92 114.6 97.0 145.4

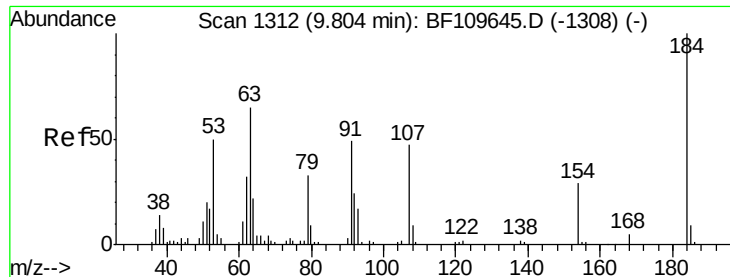


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

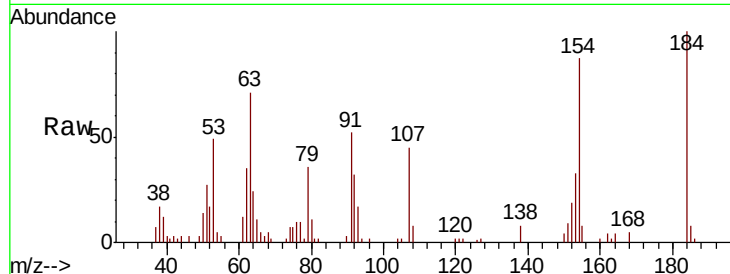




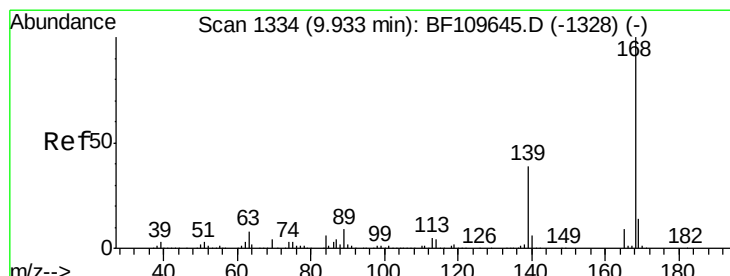
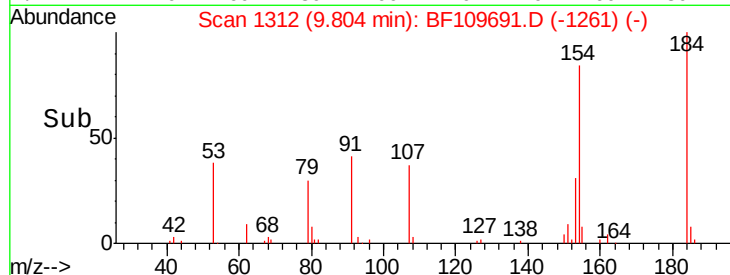
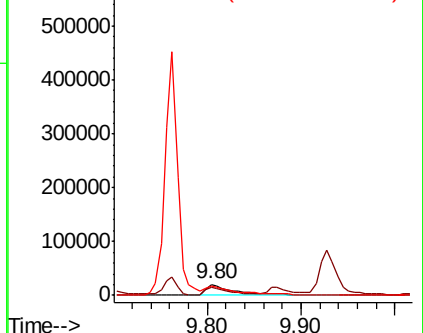
#53
 2,4-Dinitrophenol
 Concen: 45.599 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF109691.D
 Acq: 9 Oct 2018 13:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 45368
 Ion Ratio Lower Upper
 184 100
 63 70.8 55.8 83.6
 154 86.5 63.2 94.8

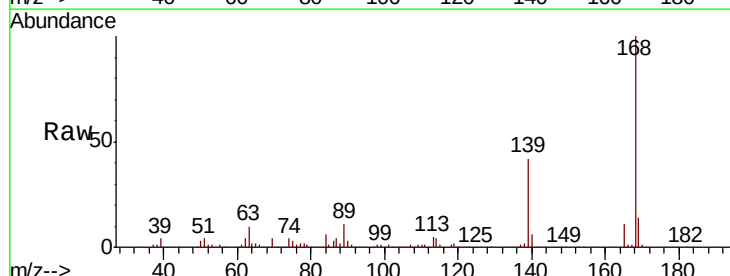


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

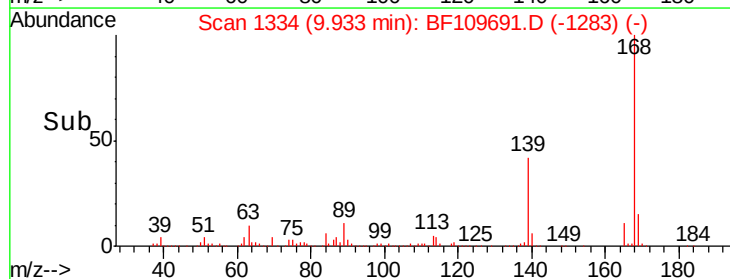
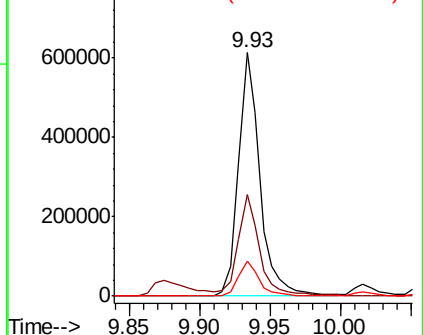


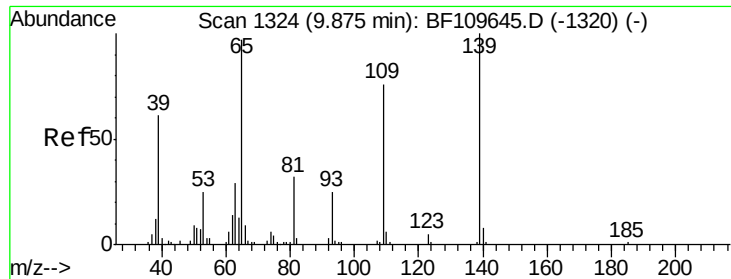
#54
 Dibenzofuran
 Concen: 38.752 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF109691.D
 Acq: 9 Oct 2018 13:27

Tgt Ion:168 Resp: 651745
 Ion Ratio Lower Upper
 168 100
 139 41.5 33.0 49.6
 169 14.5 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

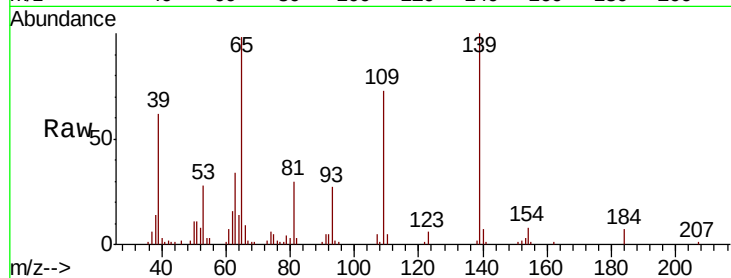




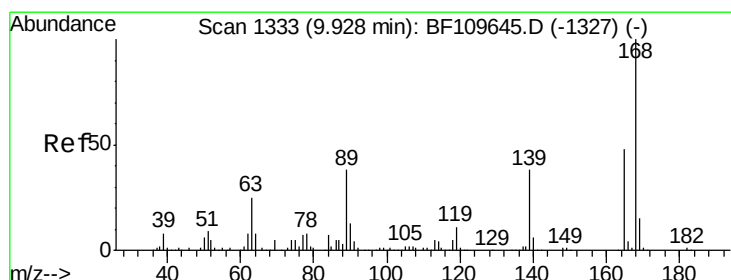
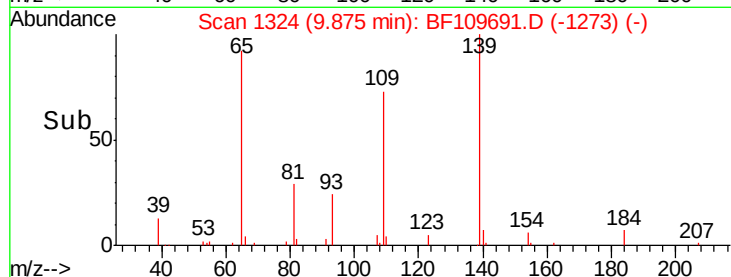
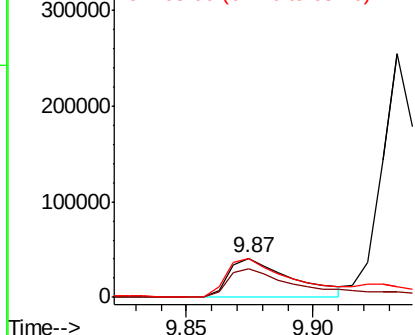
#55
4-Nitrophenol
Concen: 37.002 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF109691.D
Acq: 9 Oct 2018 13:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 70012
Ion Ratio Lower Upper
139 100
109 73.5 55.8 95.8
65 98.1 77.9 117.9

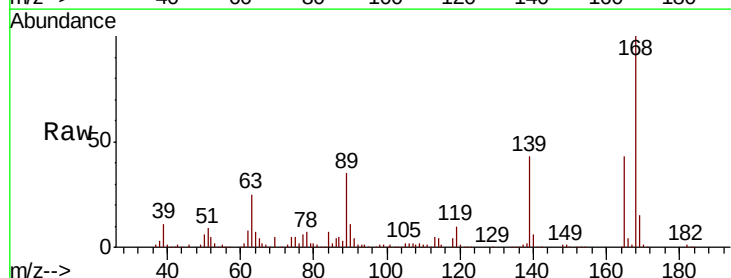


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

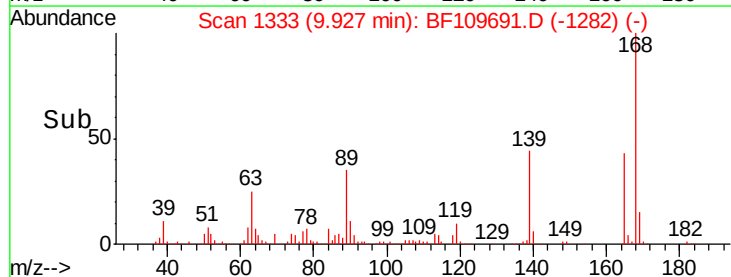
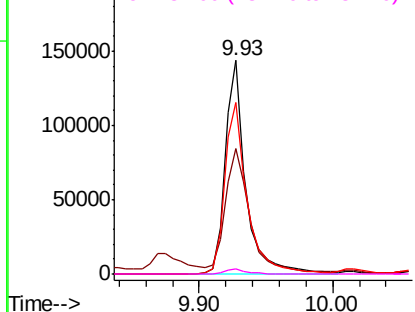


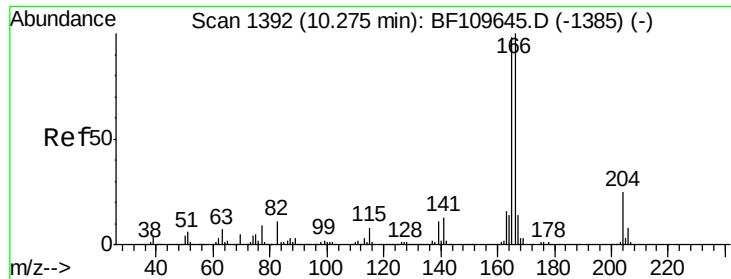
#56
2,4-Dinitrotoluene
Concen: 40.500 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF109691.D
Acq: 9 Oct 2018 13:27

Tgt Ion:165 Resp: 155860
Ion Ratio Lower Upper
165 100
63 58.5 44.8 67.2
89 80.2 62.2 93.4
182 2.3 2.1 3.1



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

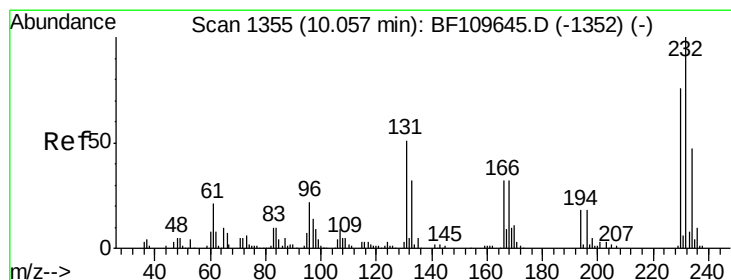
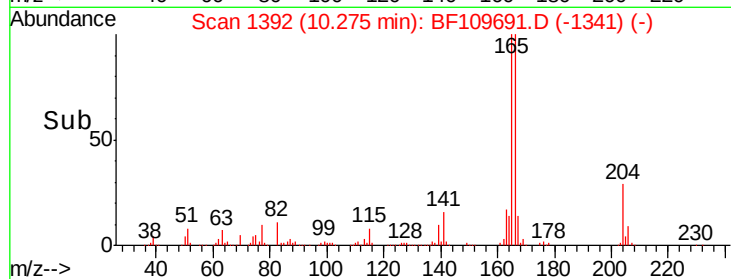
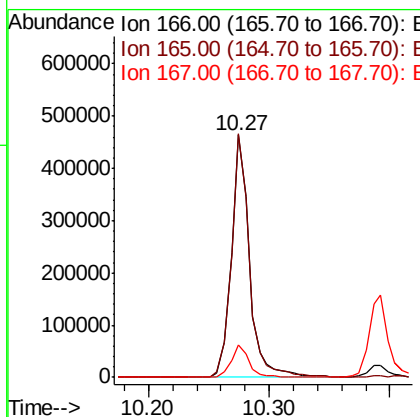
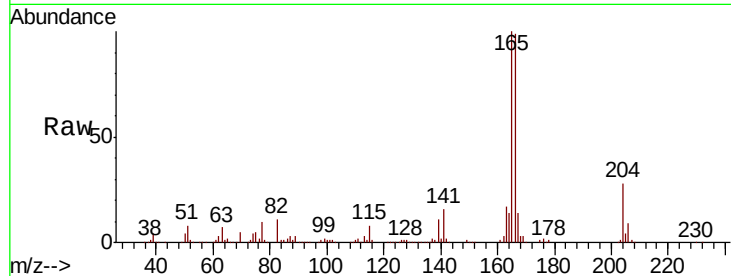




#57
 Fluorene
 Concen: 38.680 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: BF109691.D
 Acq: 9 Oct 2018 13:27

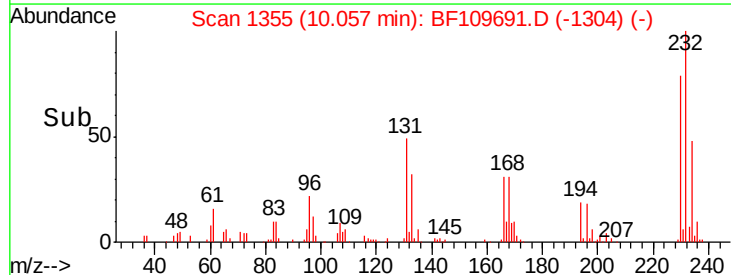
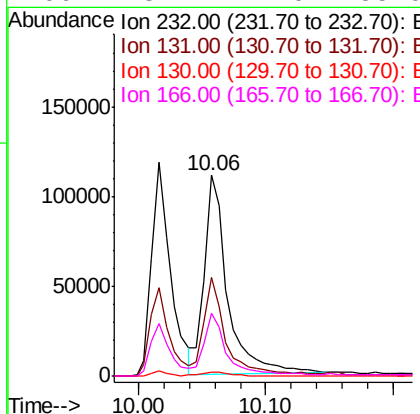
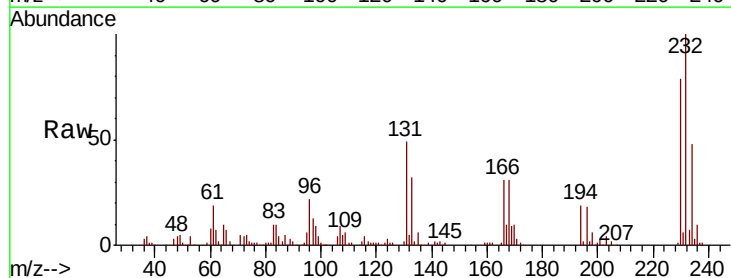
Instrument :
 BNA_F
 ClientSampleId :

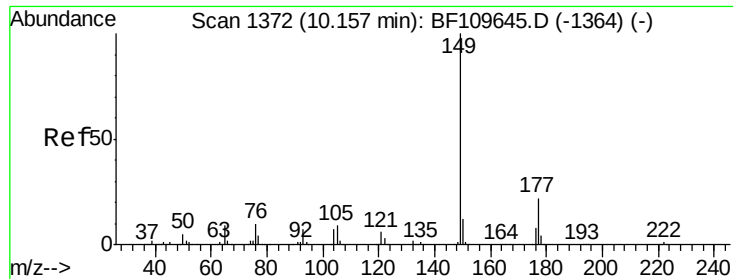
Tot Ion:166 Resp: 485801
 Ion Ratio Lower Upper
 166 100
 165 100.6 78.6 117.8
 167 13.7 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.932 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.00 min
 Lab File: BF109691.D
 Acq: 9 Oct 2018 13:27

Tgt Ion:232 Resp: 143631
 Ion Ratio Lower Upper
 232 100
 131 47.0 37.0 55.4
 130 2.2 1.8 2.6
 166 28.7 22.0 33.0





#59

Diethylphthalate

Concen: 39.024 ng

RT: 10.15 min Scan# 1371

Delta R.T. -0.01 min

Lab File: BF109691.D

Acq: 9 Oct 2018 13:27

Instrument :

BNA_F

ClientSampleId :

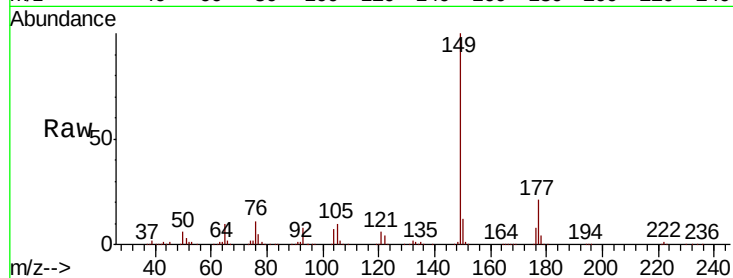
Tot Ion:149 Resp: 550067

Ion Ratio Lower Upper

149 100

177 21.2 17.4 26.2

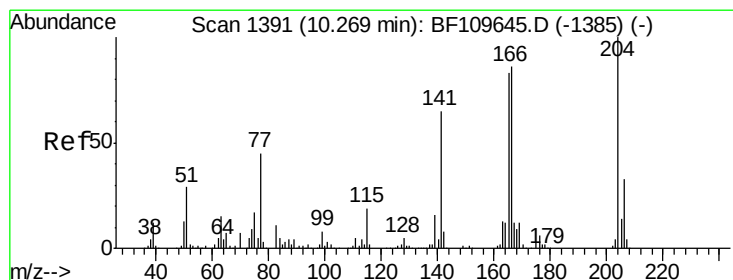
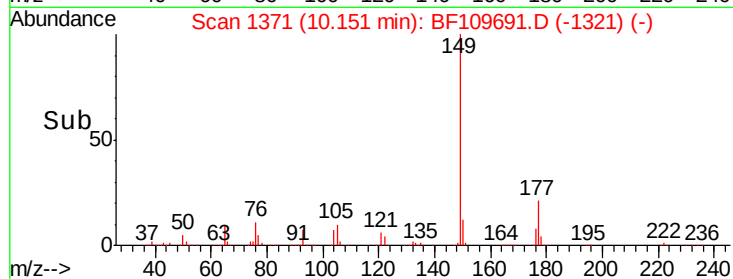
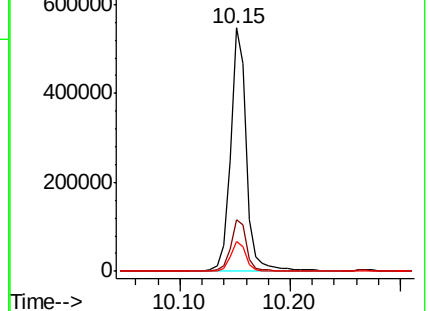
150 12.4 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.107 ng

RT: 10.27 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BF109691.D

Acq: 9 Oct 2018 13:27

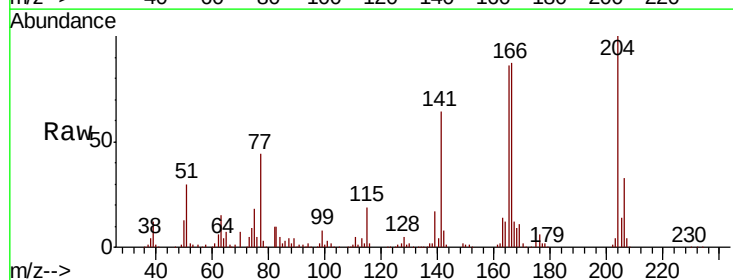
Tgt Ion:204 Resp: 259116

Ion Ratio Lower Upper

204 100

206 32.8 26.5 39.7

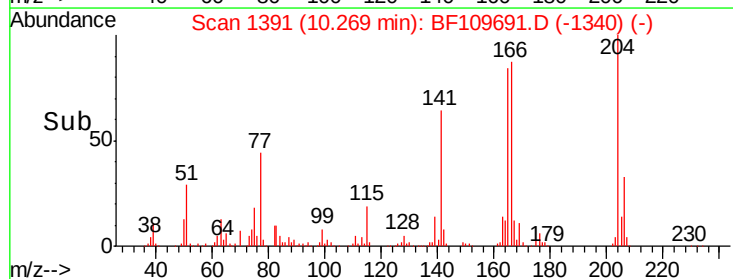
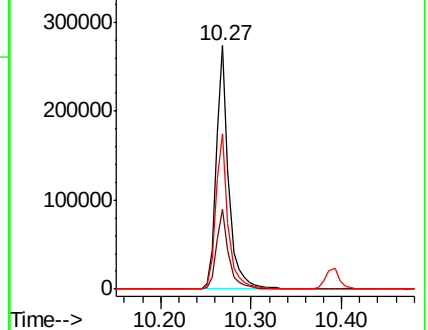
141 63.6 51.8 77.8

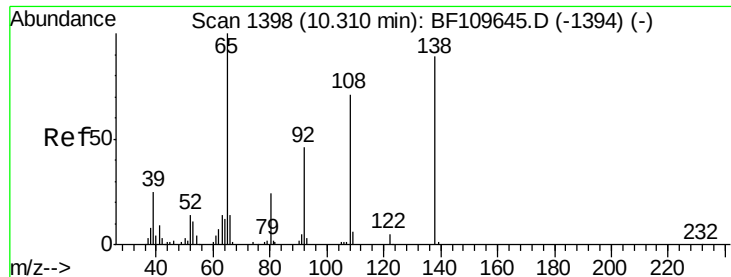


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

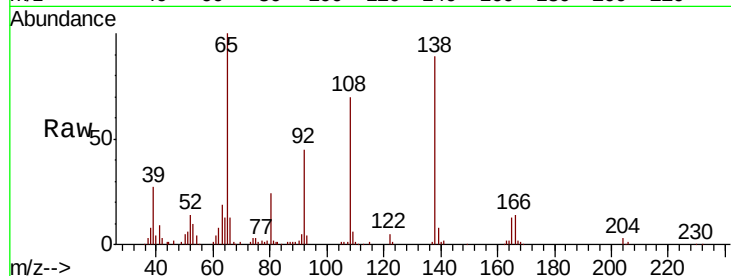




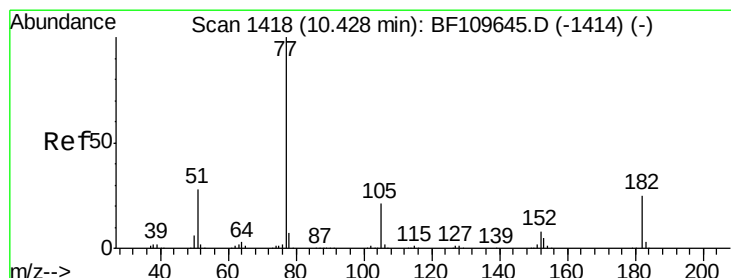
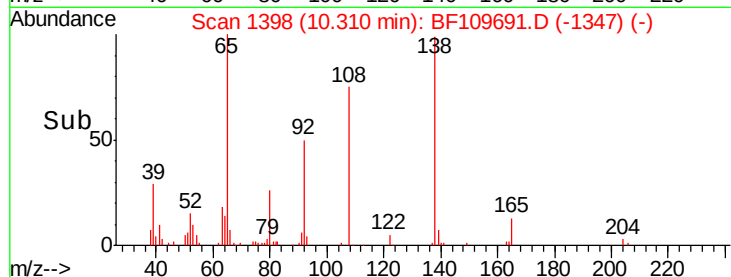
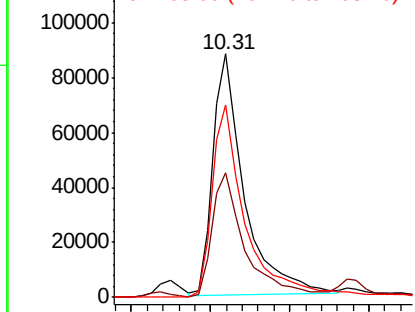
#61
4-Nitroaniline
Concen: 37.613 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF109691.D
Acq: 9 Oct 2018 13:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 120412
Ion Ratio Lower Upper
138 100
92 51.2 31.7 71.7
108 79.2 59.3 99.3

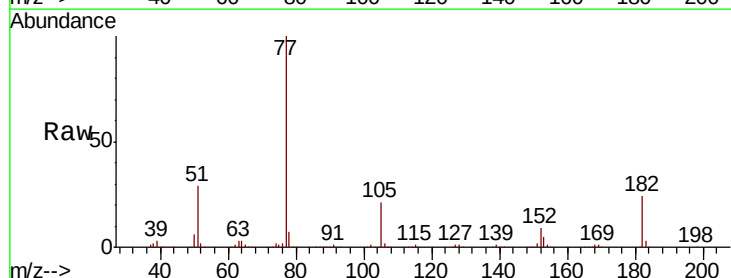


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

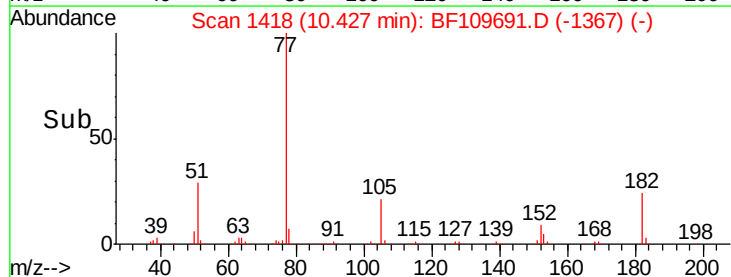
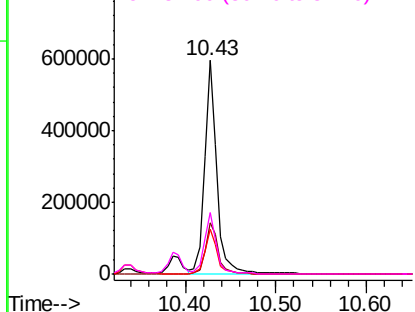


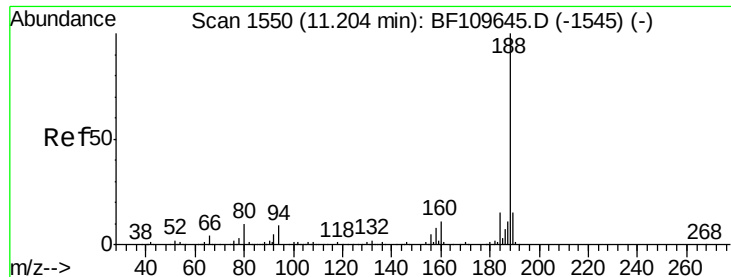
#62
Azobenzene
Concen: 39.483 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF109691.D
Acq: 9 Oct 2018 13:27

Tgt Ion: 77 Resp: 565154
Ion Ratio Lower Upper
77 100
182 24.2 4.3 44.3
105 21.3 1.3 41.3
51 28.8 9.0 49.0



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

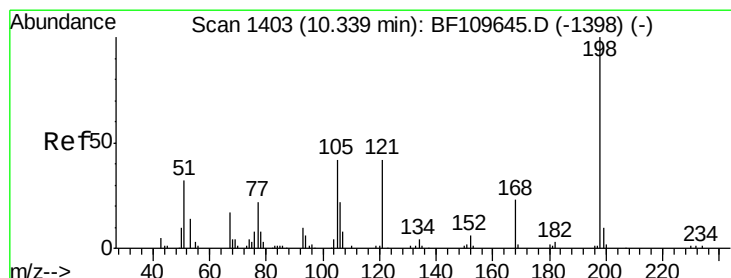
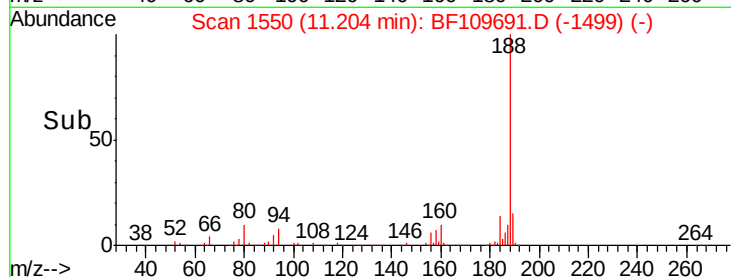
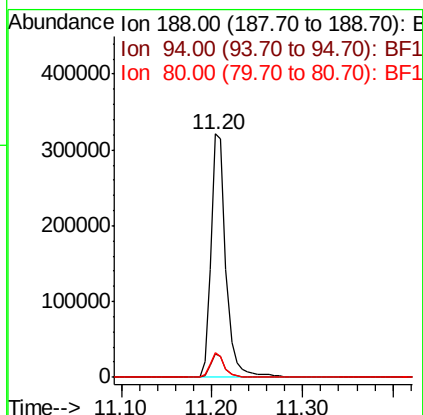
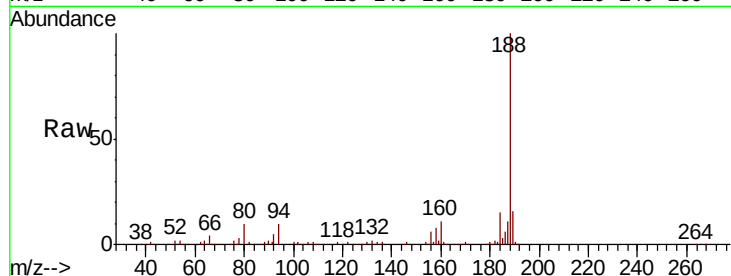




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109691.D
Acq: 9 Oct 2018 13:27

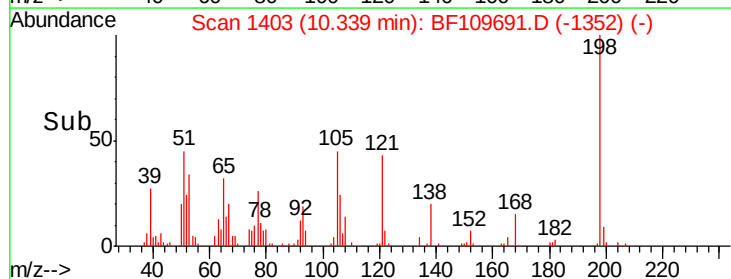
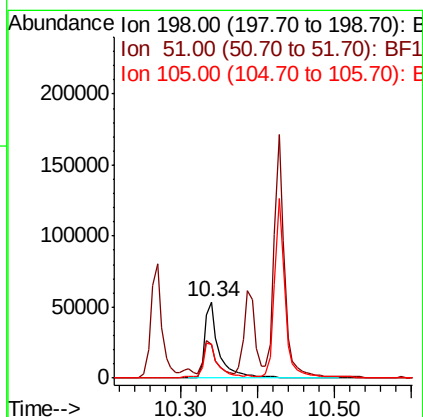
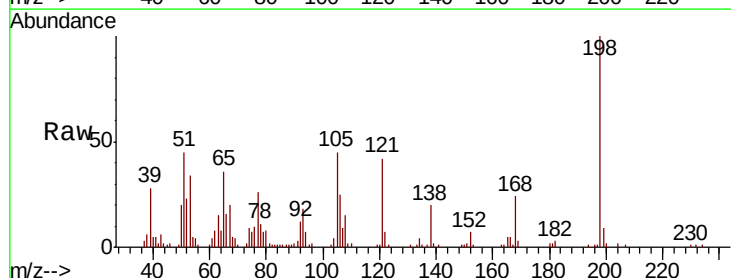
Instrument :
BNA_F
ClientSampleId :

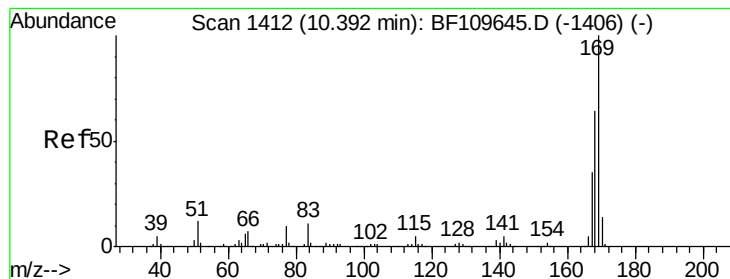
Tot Ion:188 Resp: 373003
Ion Ratio Lower Upper
188 100
94 9.7 7.2 10.8
80 10.1 7.9 11.9



#64
4,6-Dinitro-2-methylphenol
Concen: 37.889 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF109691.D
Acq: 9 Oct 2018 13:27

Tgt Ion:198 Resp: 68788
Ion Ratio Lower Upper
198 100
51 44.7 22.8 62.8
105 44.6 23.6 63.6

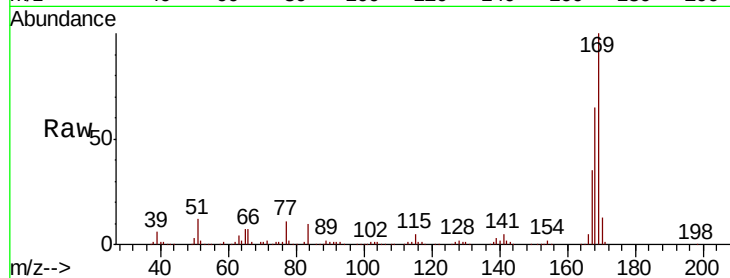




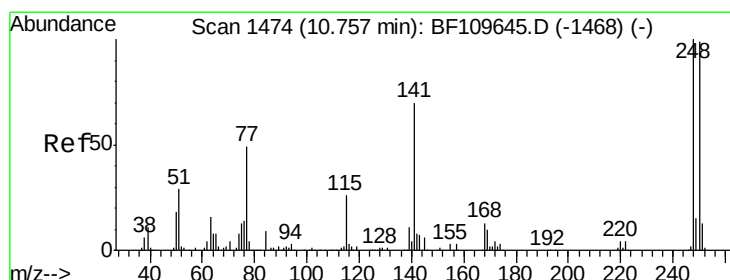
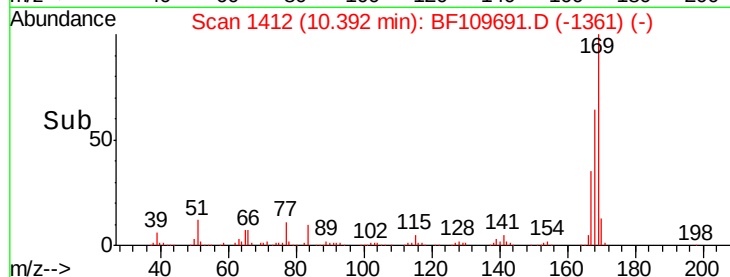
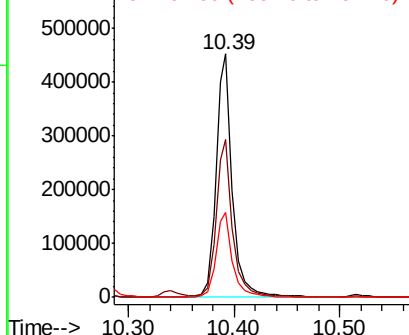
#65
 n-Nitrosodiphenylamine
 Concen: 38.608 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: BF109691.D
 Acq: 9 Oct 2018 13:27

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:169 Resp: 488199
 Ion Ratio Lower Upper
 169 100
 168 64.6 51.2 76.8
 167 35.0 27.8 41.6

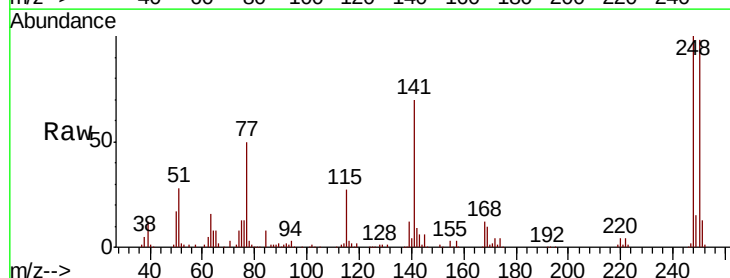


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

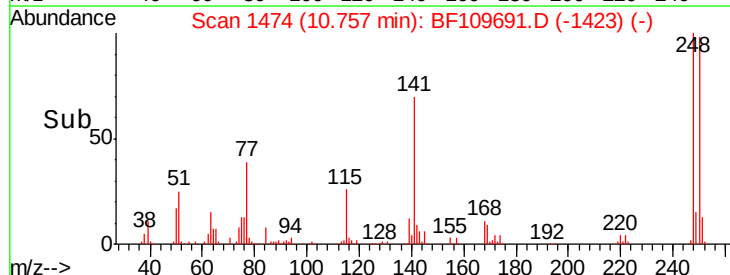
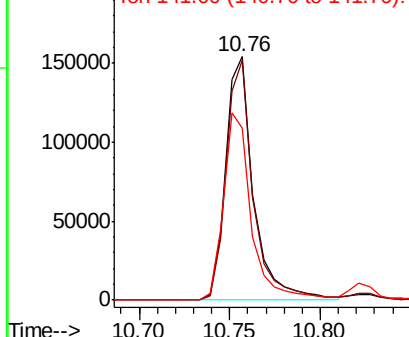


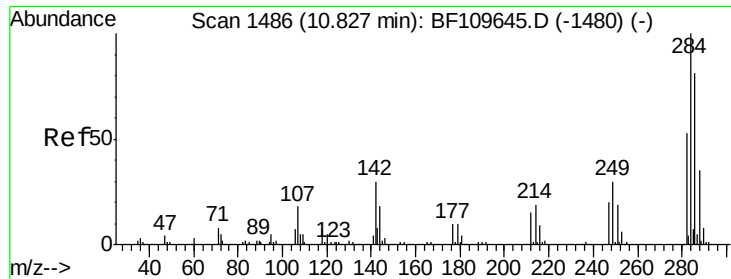
#66
 4-Bromophenyl-phenylether
 Concen: 38.651 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. -0.00 min
 Lab File: BF109691.D
 Acq: 9 Oct 2018 13:27

Tgt Ion:248 Resp: 165651
 Ion Ratio Lower Upper
 248 100
 250 98.3 79.4 119.2
 141 70.5 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: 38.119 ng

RT: 10.83 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BF109691.D

Acq: 9 Oct 2018 13:27

Instrument :

BNA_F

ClientSampleId :

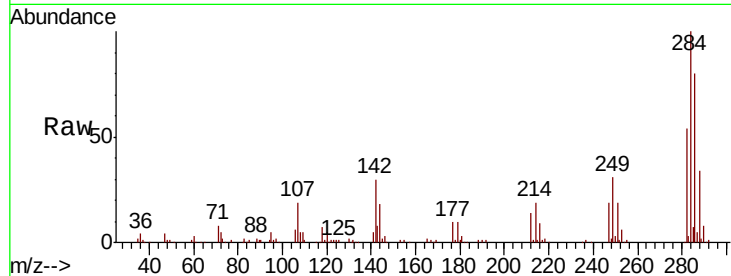
Tot Ion:284 Resp: 176908

Ion Ratio Lower Upper

284 100

142 29.5 23.9 35.9

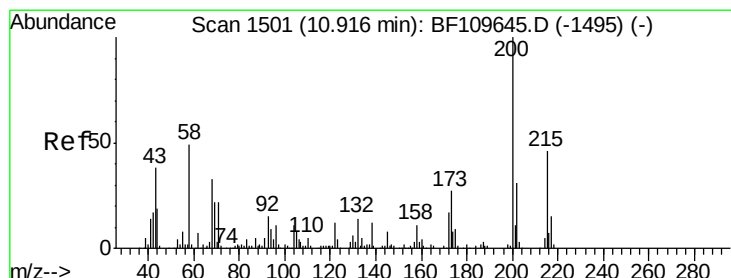
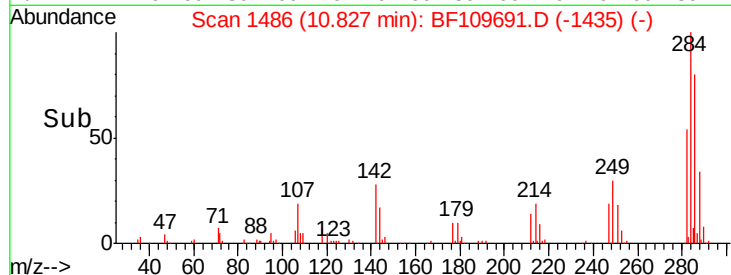
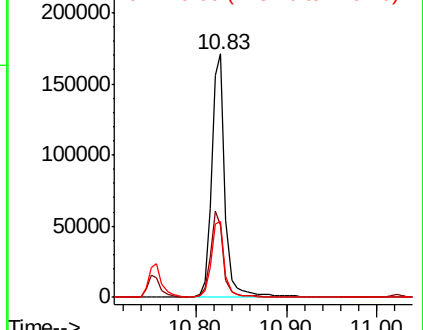
249 31.0 24.2 36.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.434 ng

RT: 10.92 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BF109691.D

Acq: 9 Oct 2018 13:27

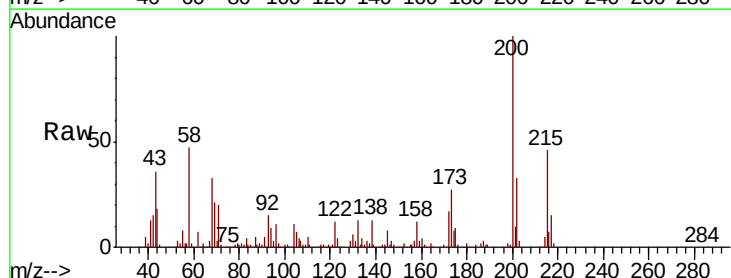
Tgt Ion:200 Resp: 155617

Ion Ratio Lower Upper

200 100

173 26.8 6.6 46.6

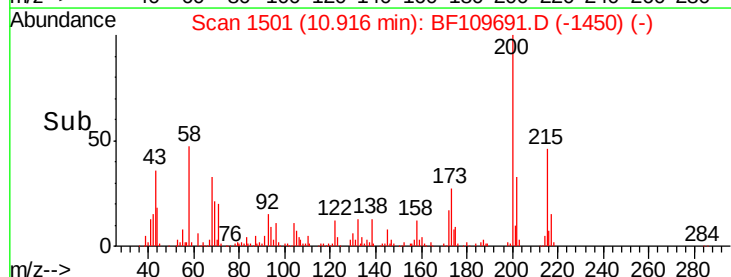
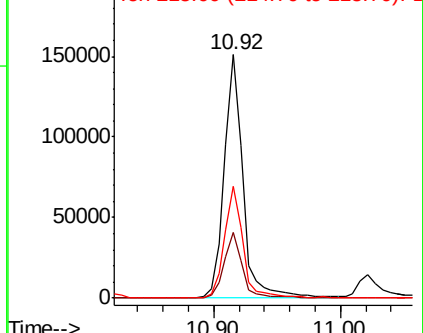
215 45.8 26.3 66.3

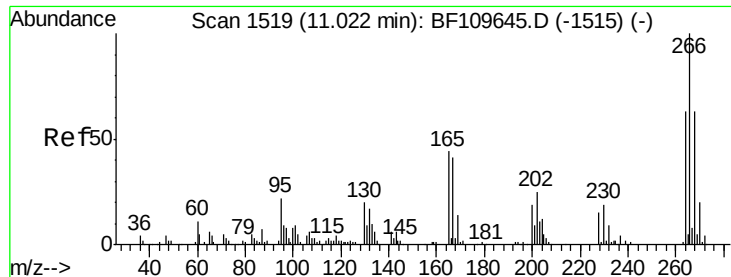


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

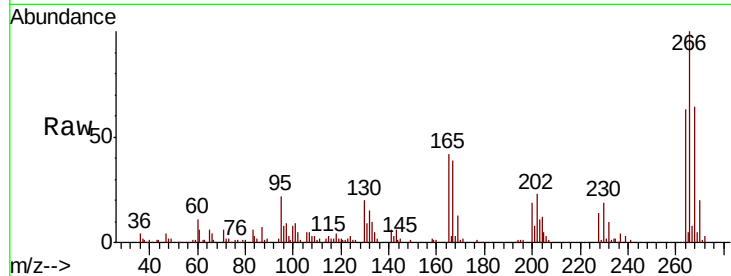




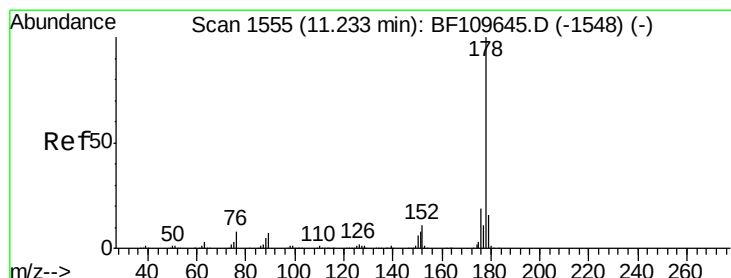
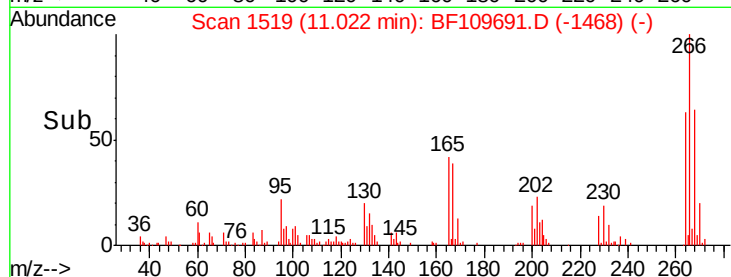
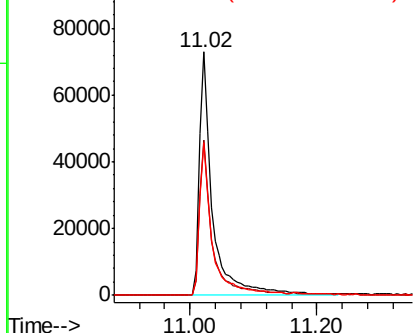
#69
 Pentachlorophenol
 Concen: 40.360 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BF109691.D
 Acq: 9 Oct 2018 13:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 105399
 Ion Ratio Lower Upper
 266 100
 268 63.6 50.6 75.8
 264 62.9 50.6 75.8

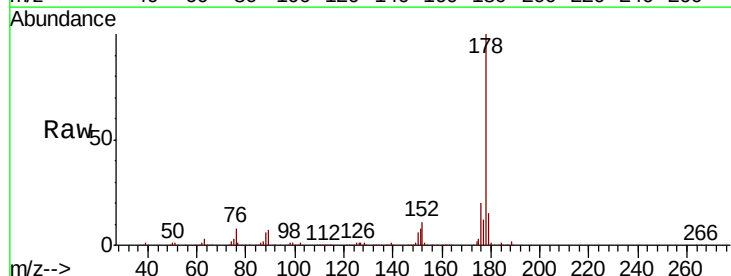


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

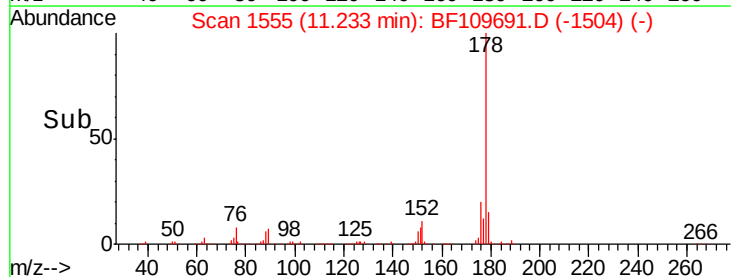
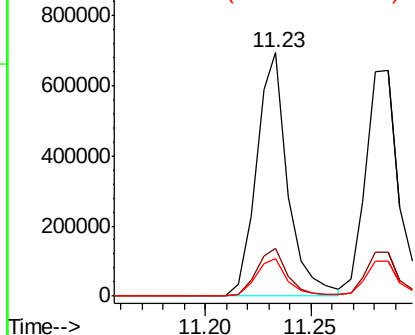


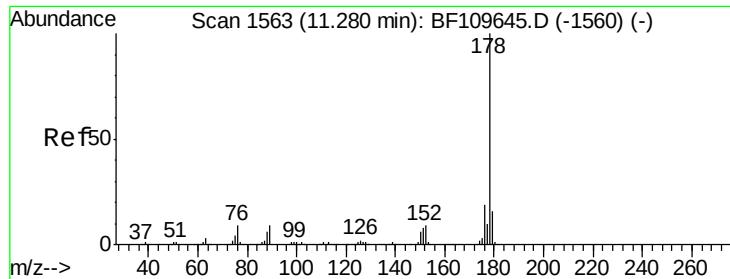
#70
 Phenanthrene
 Concen: 38.460 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: BF109691.D
 Acq: 9 Oct 2018 13:27

Tgt Ion:178 Resp: 717909
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.5 23.3
 179 15.2 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

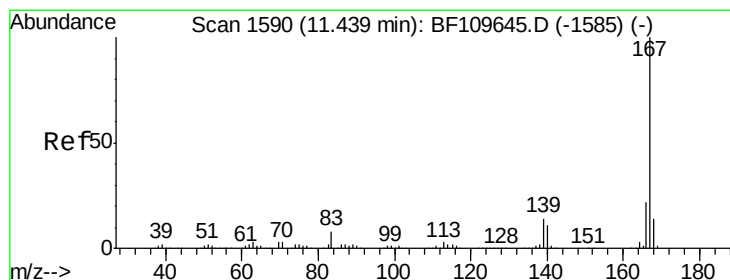
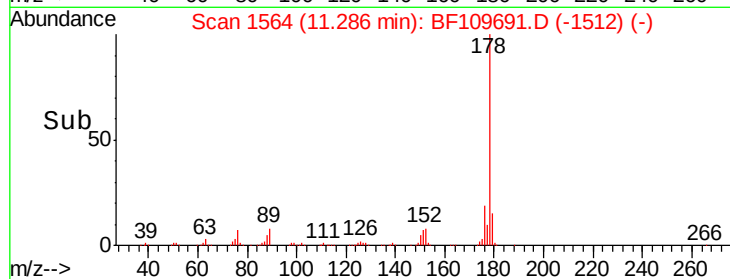
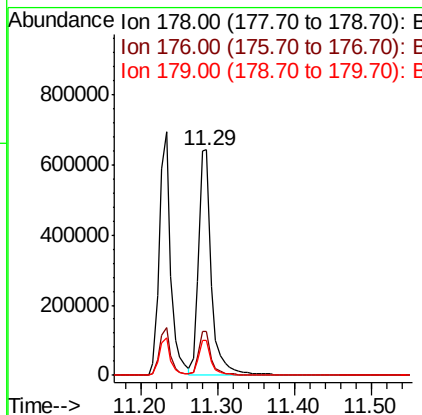
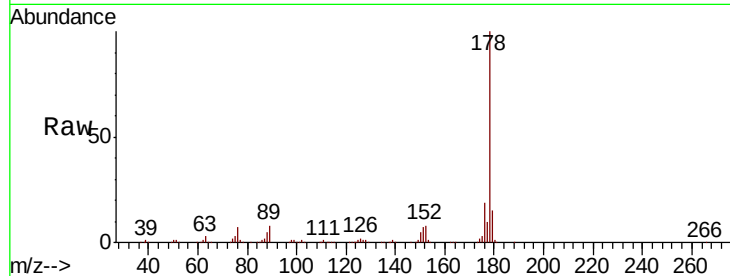




#71
 Anthracene
 Concen: 39.264 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. 0.01 min
 Lab File: BF109691.D
 Acq: 9 Oct 2018 13:27

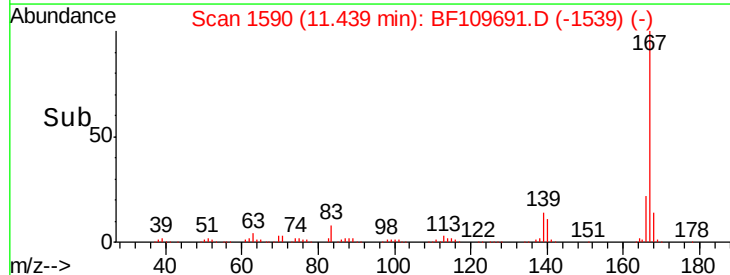
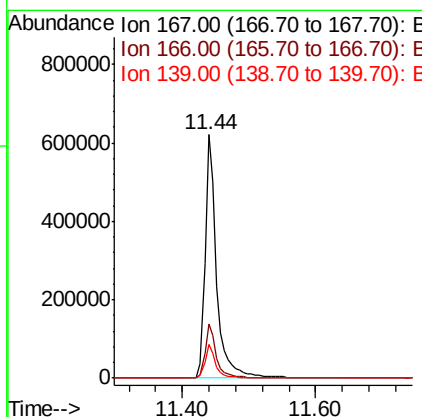
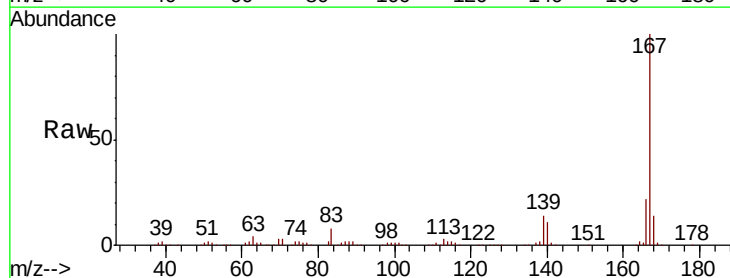
Instrument :
 BNA_F
 ClientSampleId :

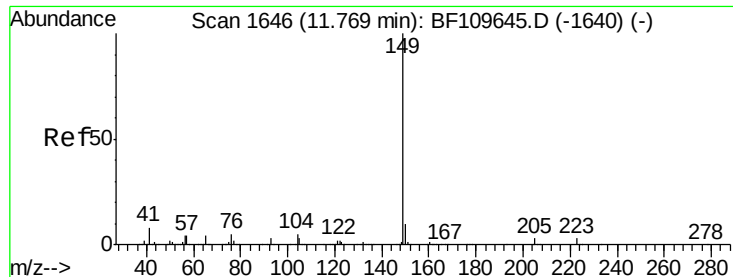
Tot Ion:178 Resp: 757638
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.4 12.6 18.8



#72
 Carbazole
 Concen: 39.335 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF109691.D
 Acq: 9 Oct 2018 13:27

Tgt Ion:167 Resp: 736156
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.4 26.0
 139 13.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 38.743 ng

RT: 11.77 min Scan# 1646

Delta R.T. -0.00 min

Lab File: BF109691.D

Acq: 9 Oct 2018 13:27

Instrument :

BNA_F

ClientSampleId :

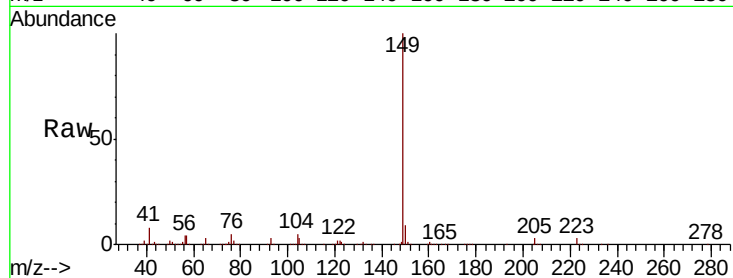
Tot Ion:149 Resp: 840963

Ion Ratio Lower Upper

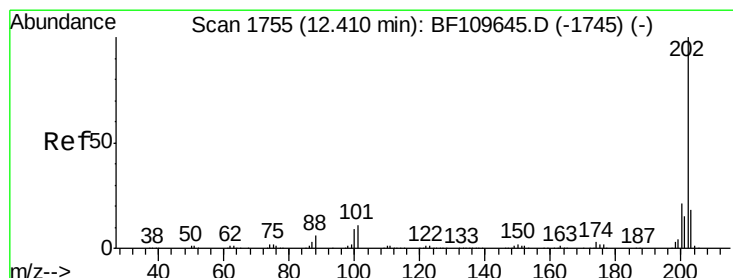
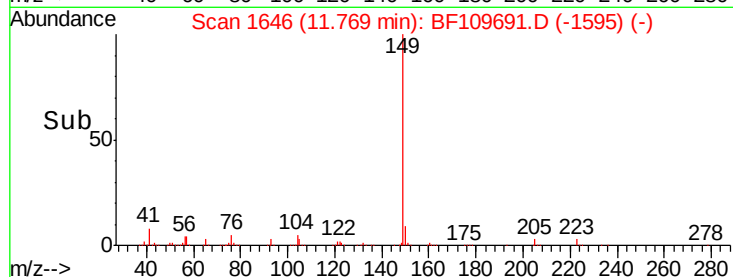
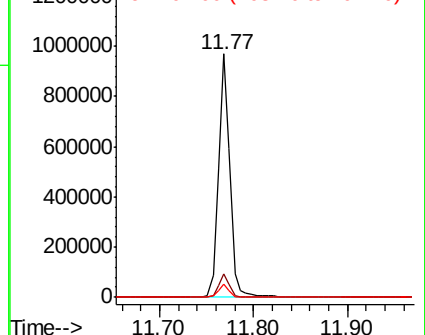
149 100

150 9.4 7.7 11.5

104 5.2 4.2 6.4



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



#74

Fluoranthene

Concen: 39.597 ng

RT: 12.41 min Scan# 1755

Delta R.T. -0.00 min

Lab File: BF109691.D

Acq: 9 Oct 2018 13:27

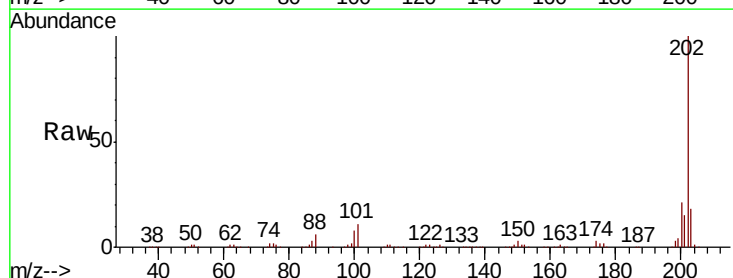
Tgt Ion:202 Resp: 772164

Ion Ratio Lower Upper

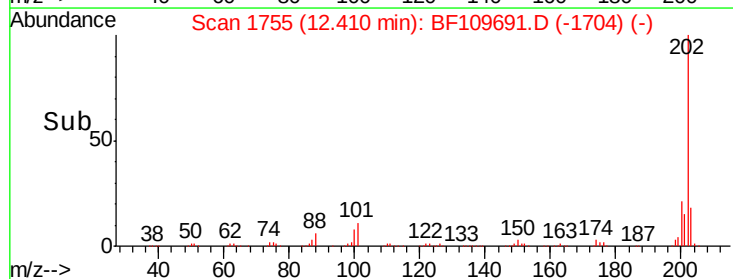
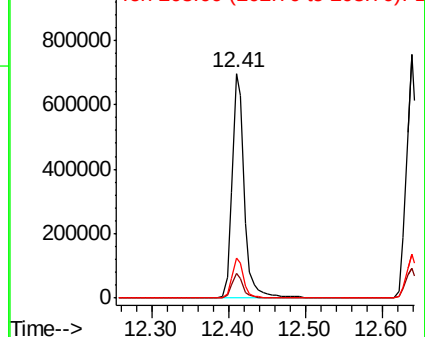
202 100

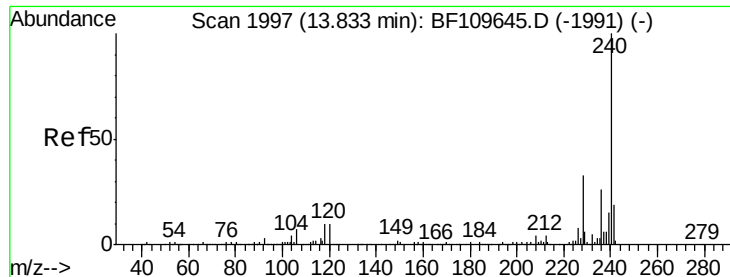
101 11.1 0.0 31.4

203 17.8 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF109691.D

Acq: 9 Oct 2018 13:27

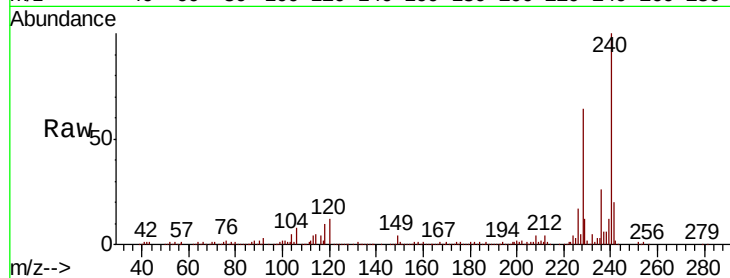
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 277477

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.3	12.5
236	25.9	21.2	31.8

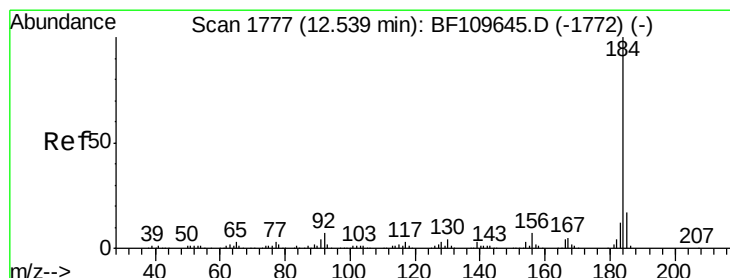
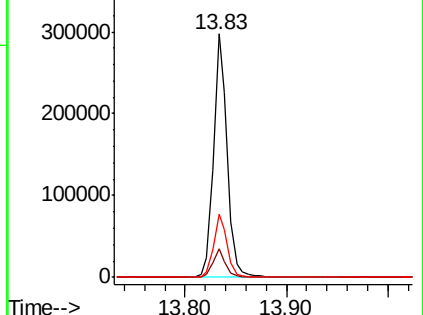
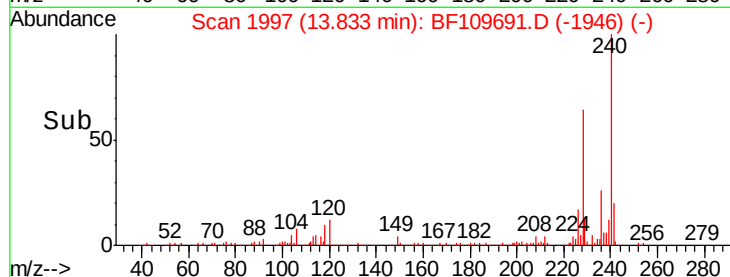


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.601 ng

RT: 12.54 min Scan# 1777

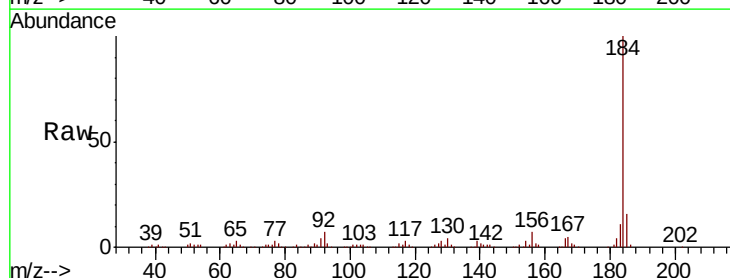
Delta R.T. -0.00 min

Lab File: BF109691.D

Acq: 9 Oct 2018 13:27

Tgt Ion:184 Resp: 377272

Ion	Ratio	Lower	Upper
184	100		
185	15.7	13.4	20.2
183	11.4	9.4	14.2

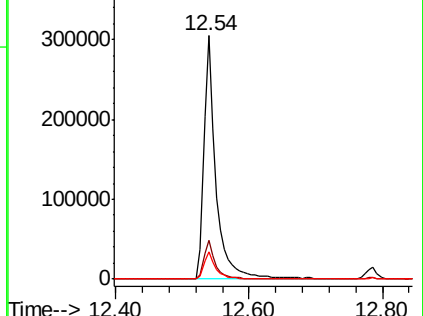
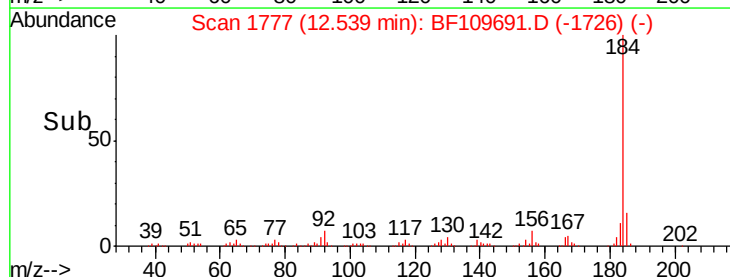


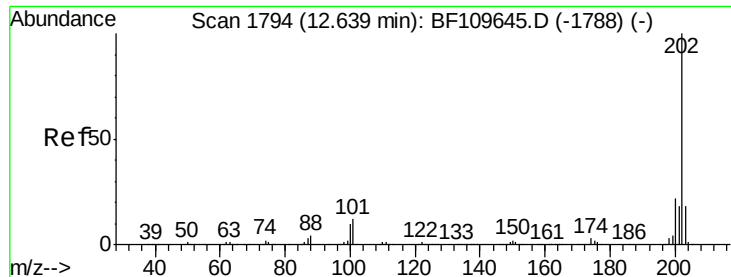
Abundance

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

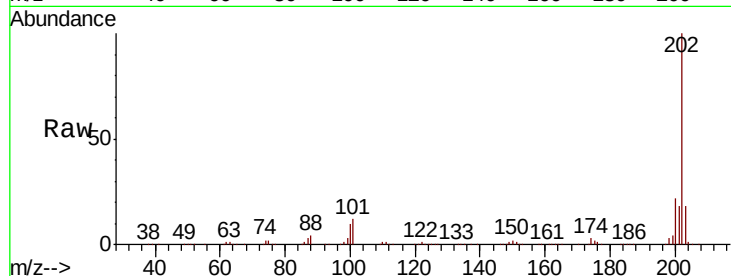




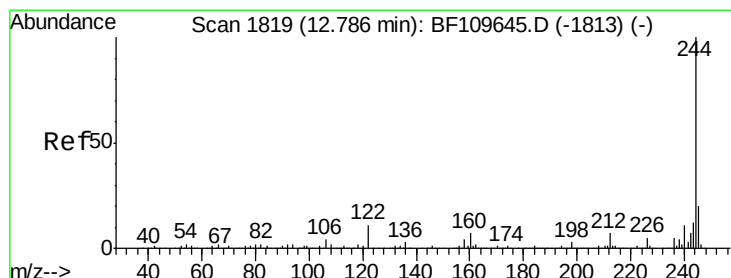
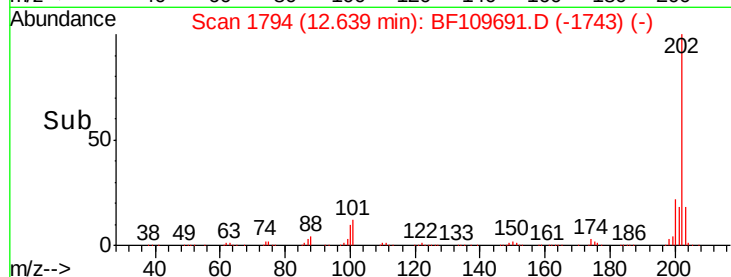
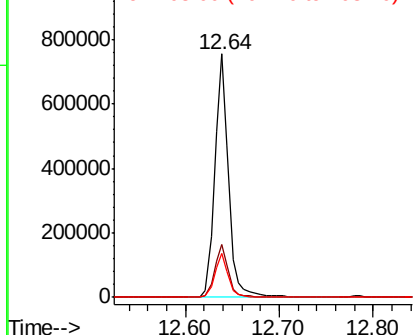
#77
Pvrene
Concen: 38.209 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BF109691.D
Acq: 9 Oct 2018 13:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 776789
Ion Ratio Lower Upper
202 100
200 21.8 17.8 26.6
203 17.8 14.2 21.4

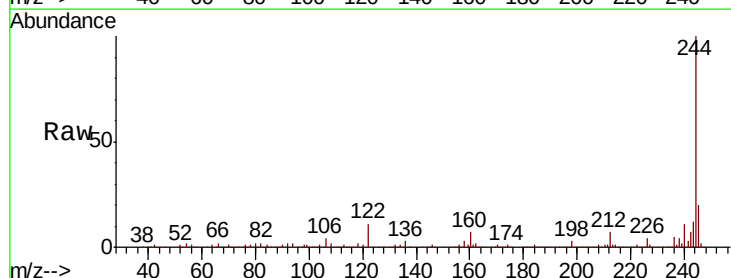


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

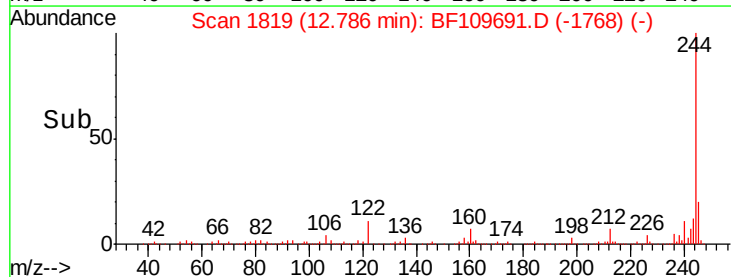
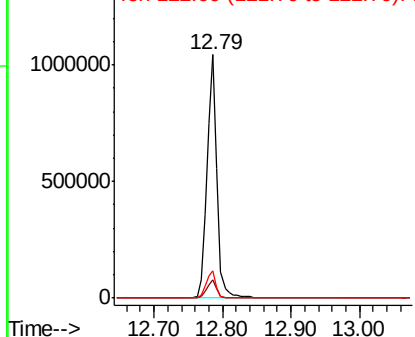


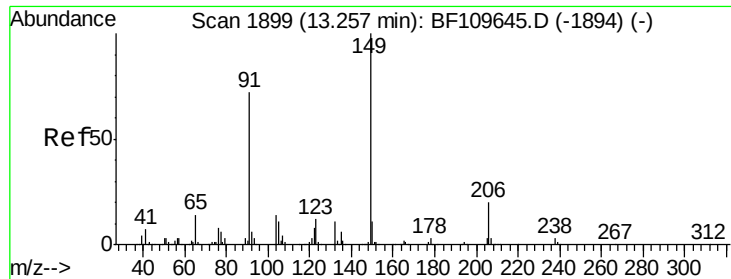
#78
Terphenyl-d14
Concen: 74.977 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BF109691.D
Acq: 9 Oct 2018 13:27

Tgt Ion:244 Resp: 1074702
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 11.3 8.7 13.1



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

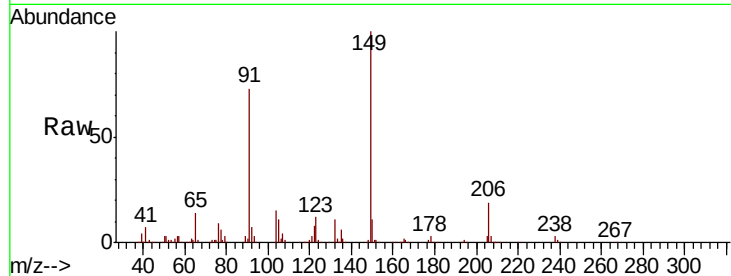




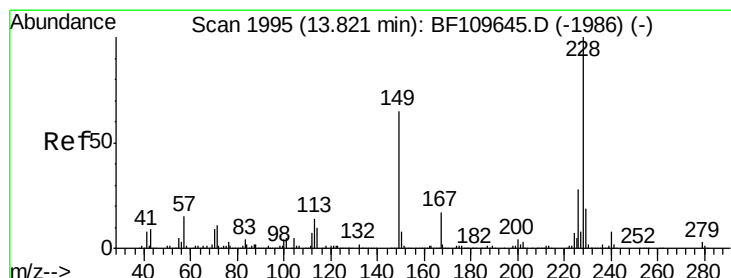
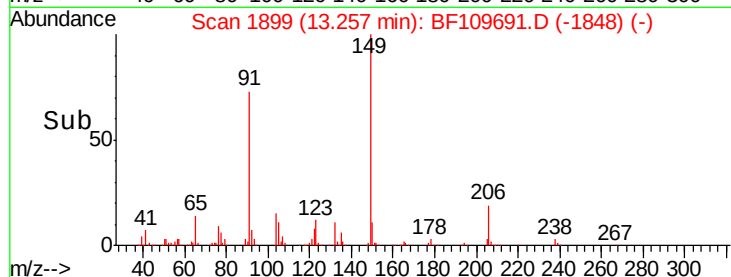
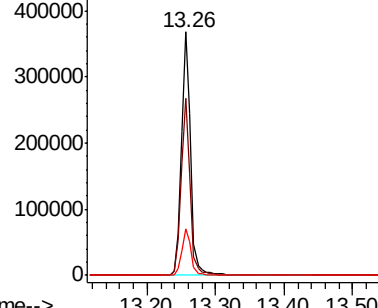
#79
Butylbenzylphthalate
Concen: 39.816 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.00 min
Lab File: BF109691.D
Acq: 9 Oct 2018 13:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 350942
Ion Ratio Lower Upper
149 100
91 72.7 57.2 85.8
206 19.1 15.7 23.5

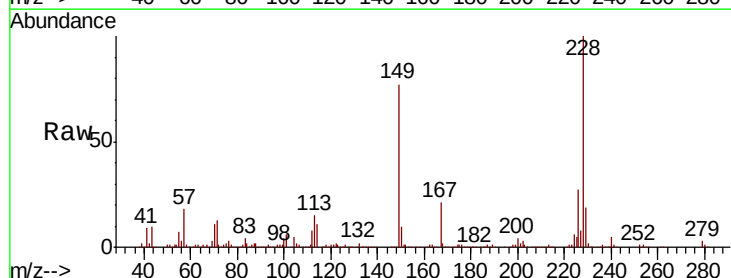


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

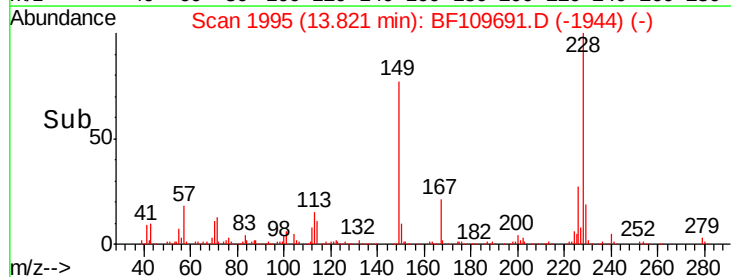
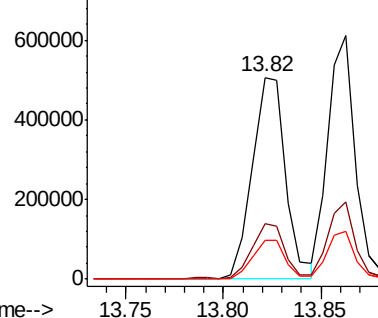


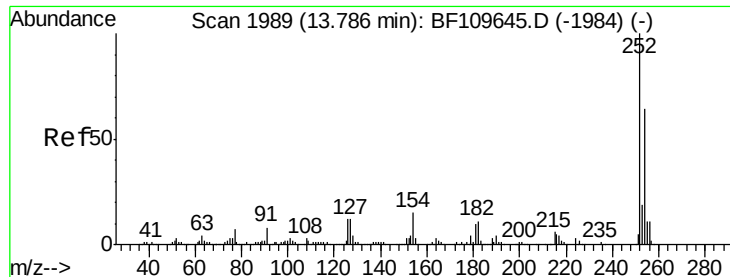
#80
Benzo(a)anthracene
Concen: 39.262 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF109691.D
Acq: 9 Oct 2018 13:27

Tgt Ion:228 Resp: 601184
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 19.2 15.6 23.4



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

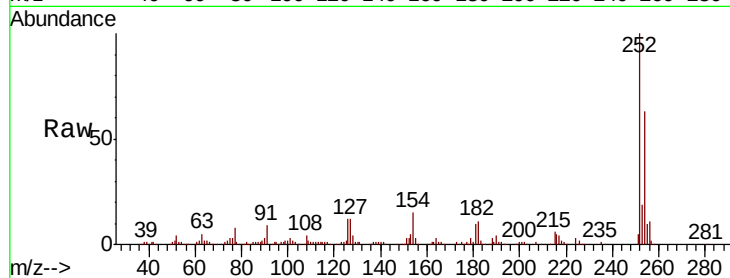




#81
 3,3'-Dichlorobenzidine
 Concen: 40.584 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF109691.D
 Acq: 9 Oct 2018 13:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.6	51.3	76.9
126	12.2	9.4	14.2

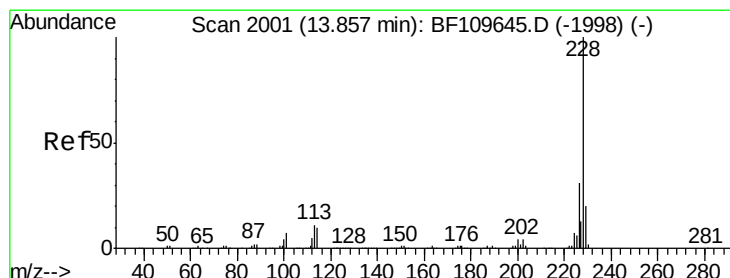
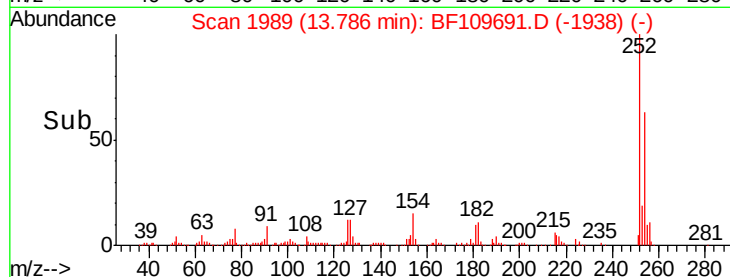
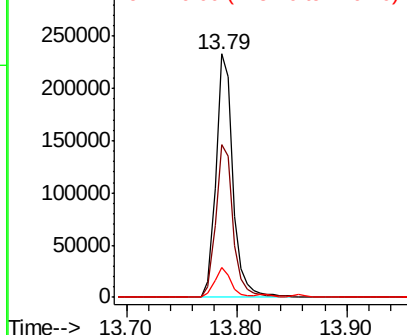


Abundance

Ion 252.00 (251.70 to 252.70): E

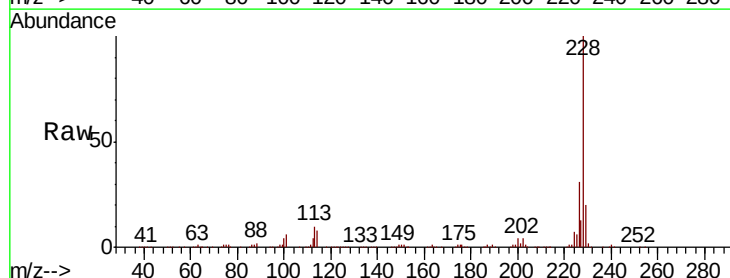
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 38.131 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. 0.01 min
 Lab File: BF109691.D
 Acq: 9 Oct 2018 13:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.7	37.1
229	19.6	15.9	23.9

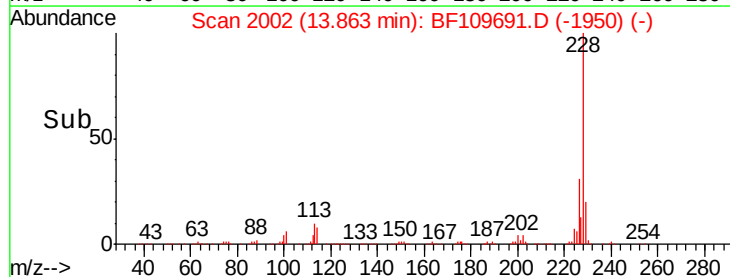
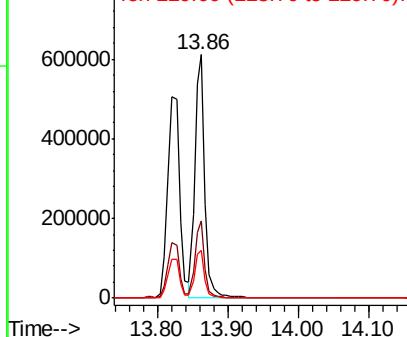


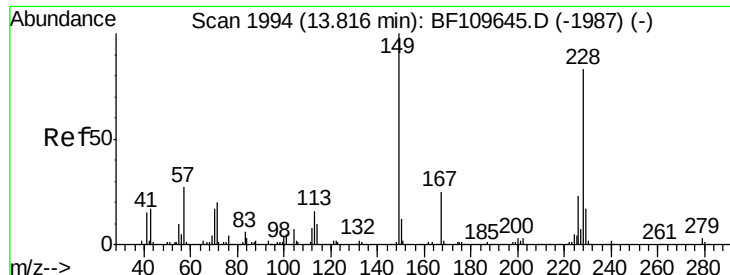
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.018 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF109691.D

Acq: 9 Oct 2018 13:27

Instrument :

BNA_F

ClientSampleId :

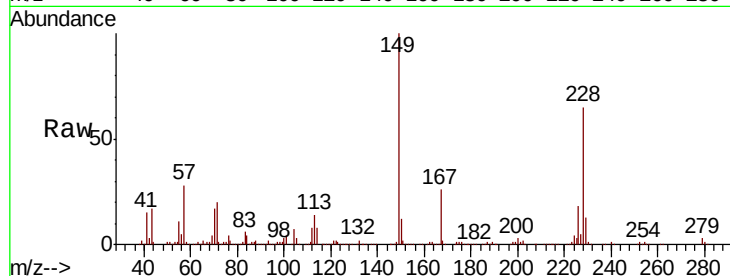
Tot Ion:149 Resp: 430337

Ion Ratio Lower Upper

149 100

167 25.6 19.8 29.8

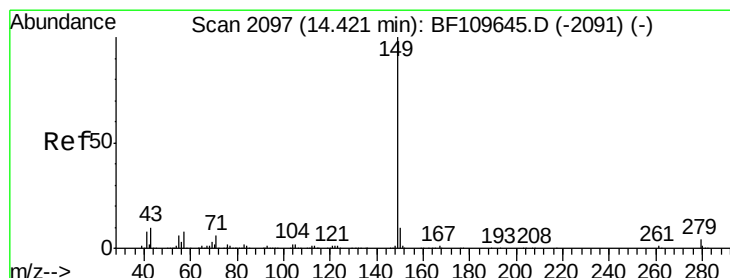
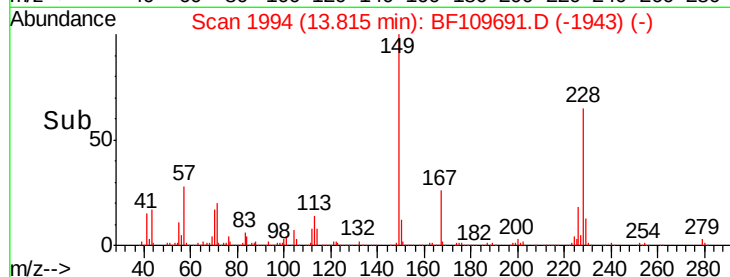
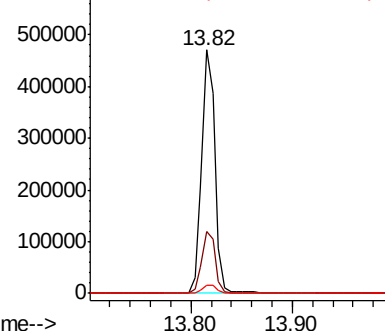
279 3.3 2.7 4.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.842 ng

RT: 14.42 min Scan# 2097

Delta R.T. -0.00 min

Lab File: BF109691.D

Acq: 9 Oct 2018 13:27

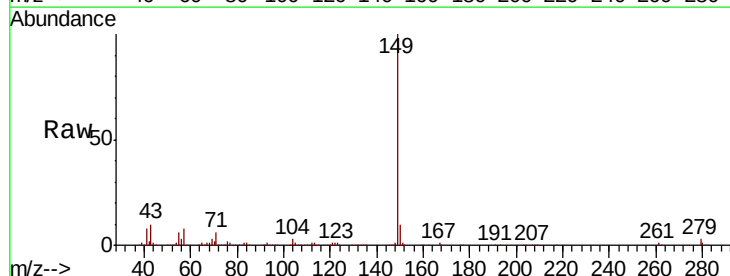
Tgt Ion:149 Resp: 677203

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

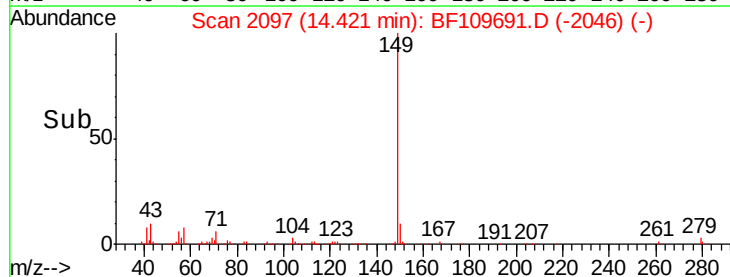
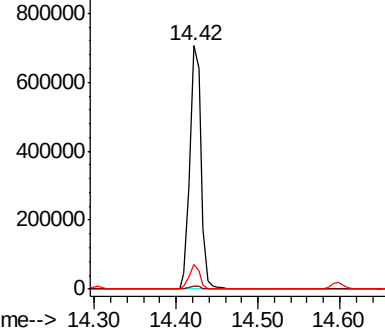
43 9.4 7.8 11.8

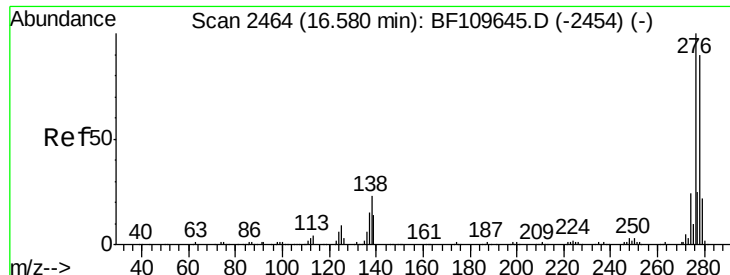


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

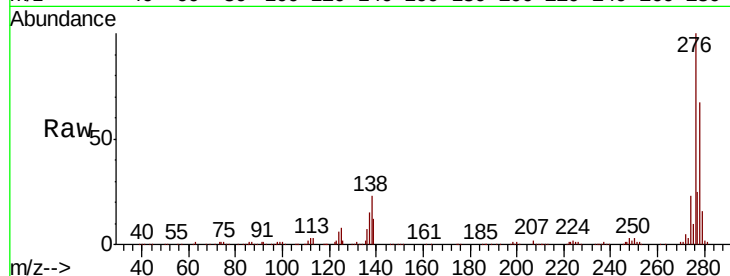




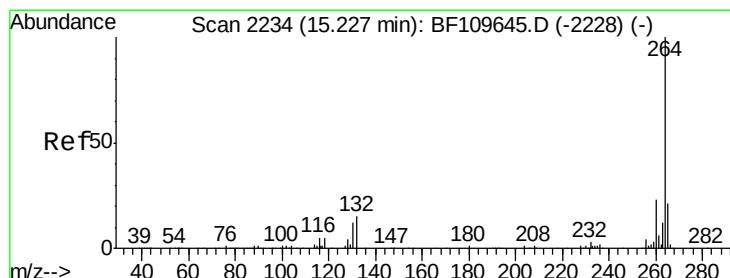
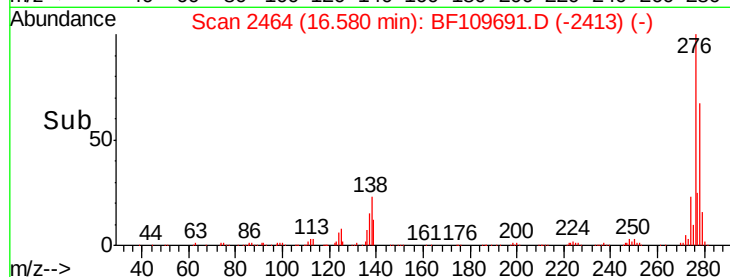
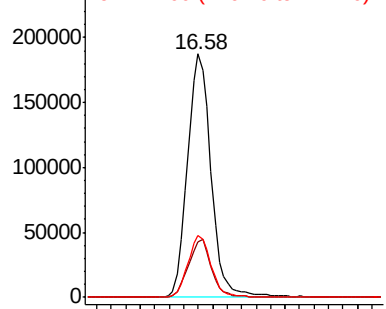
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.940 ng
RT: 16.58 min Scan# 2464
Delta R.T. -0.00 min
Lab File: BF109691.D
Acq: 9 Oct 2018 13:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 425261
Ion Ratio Lower Upper
276 100
138 23.5 18.5 27.7
277 25.0 20.0 30.0

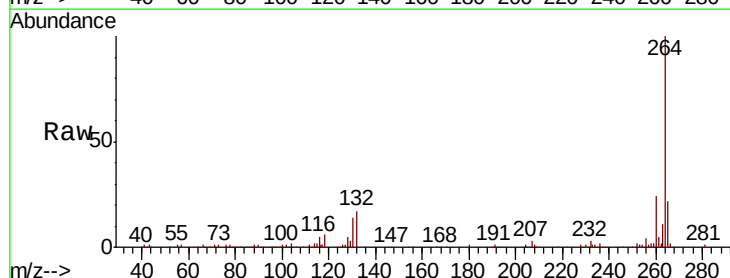


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

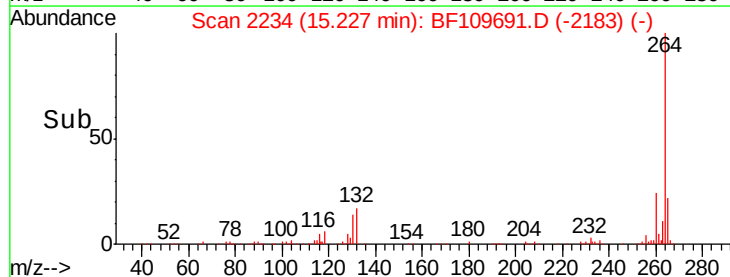
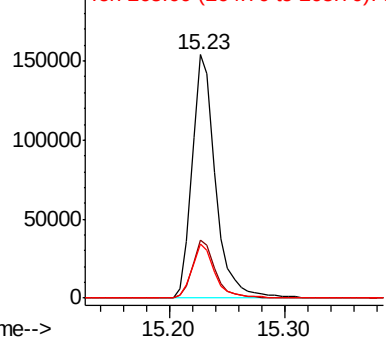


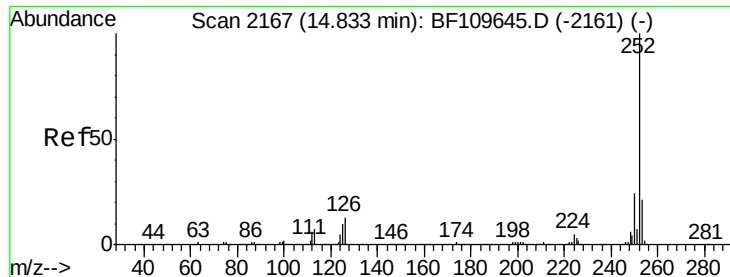
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF109691.D
Acq: 9 Oct 2018 13:27

Tgt Ion:264 Resp: 216264
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 22.2 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

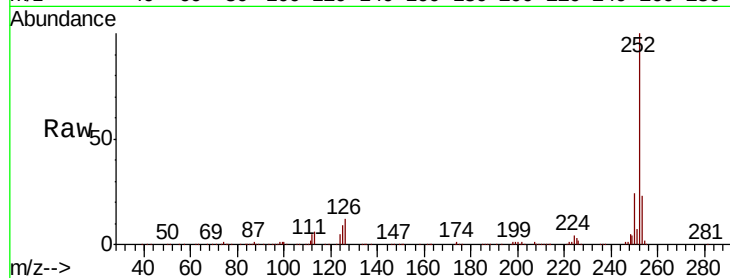




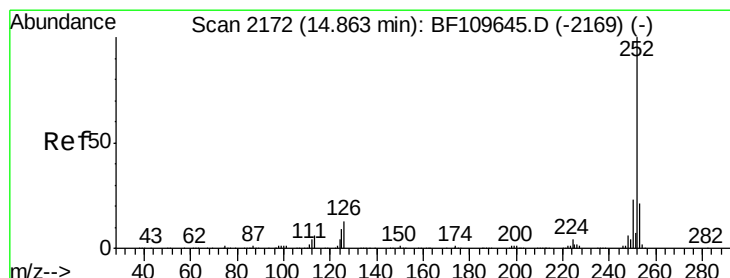
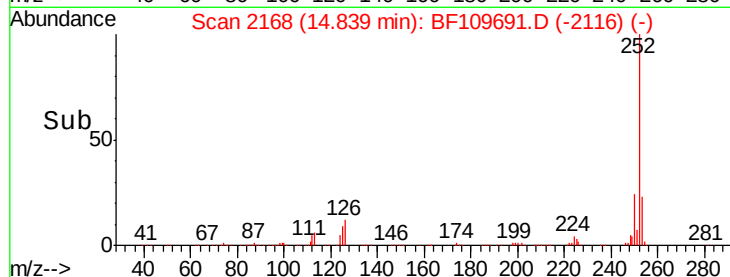
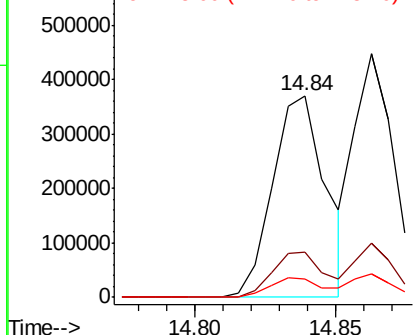
#87
Benzo(b)fluoranthene
Concen: 40.351 ng
RT: 14.84 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BF109691.D
Acq: 9 Oct 2018 13:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 482237
Ion Ratio Lower Upper
252 100
253 22.7 17.2 25.8
125 9.1 8.2 12.4

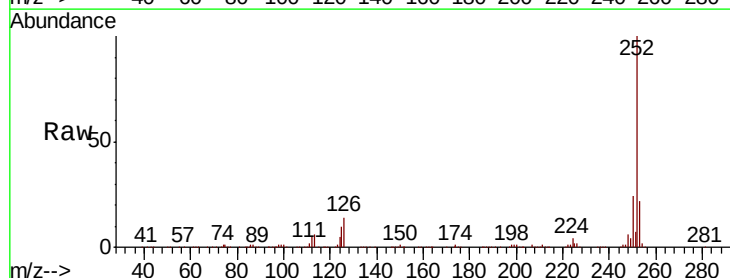


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

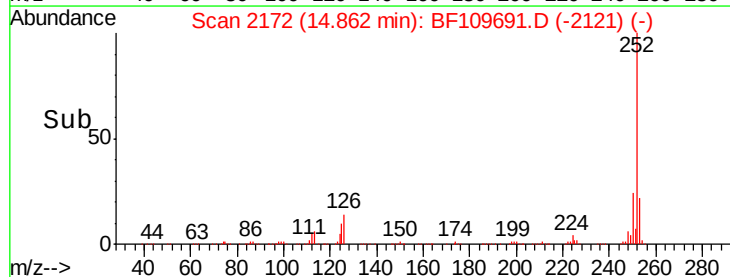
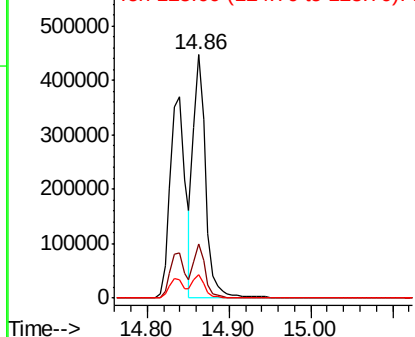


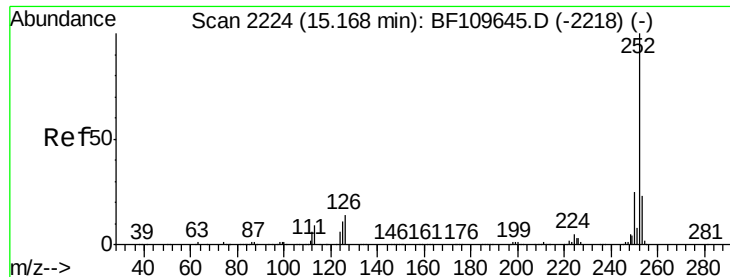
#88
Benzo(k)fluoranthene
Concen: 39.125 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BF109691.D
Acq: 9 Oct 2018 13:27

Tgt Ion:252 Resp: 469807
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 9.6 7.4 11.0



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





#89

Benzo(a)pyrene

Concen: 39.283 ng

RT: 15.17 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BF109691.D

Acq: 9 Oct 2018 13:27

Instrument :

BNA_F

ClientSampleId :

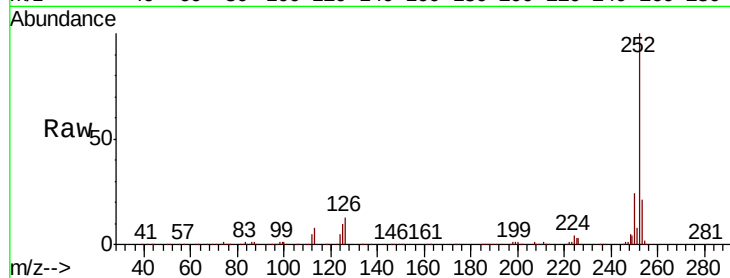
Tot Ion:252 Resp: 426040

Ion Ratio Lower Upper

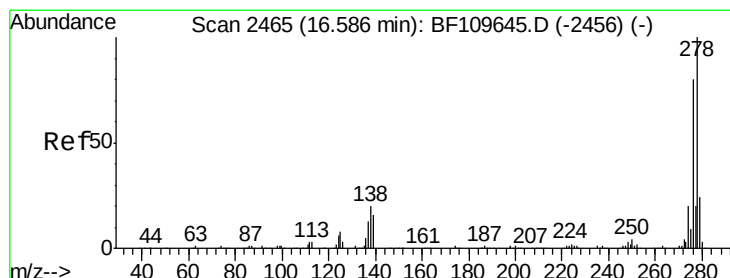
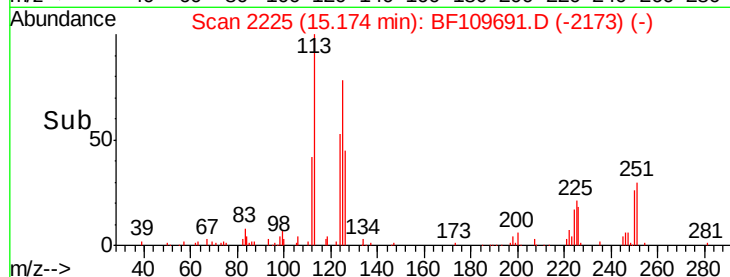
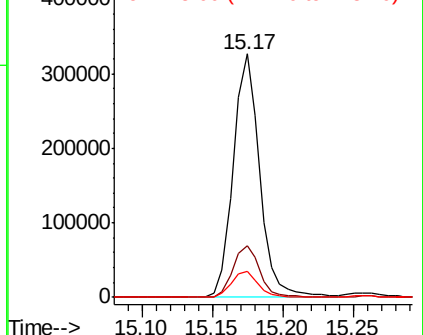
252 100

253 21.0 18.2 27.4

125 10.5 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: 39.608 ng

RT: 16.59 min Scan# 2466

Delta R.T. 0.01 min

Lab File: BF109691.D

Acq: 9 Oct 2018 13:27

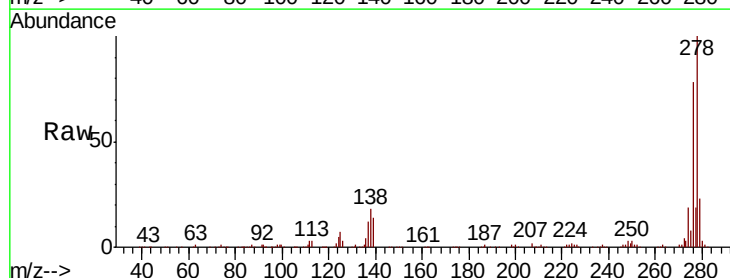
Tgt Ion:278 Resp: 352792

Ion Ratio Lower Upper

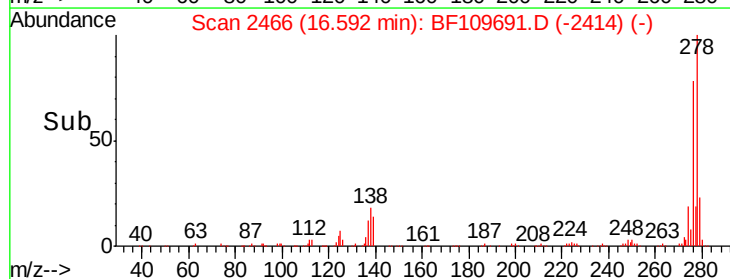
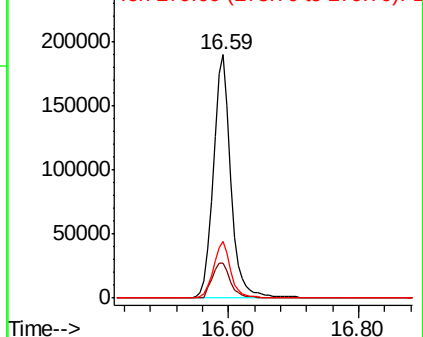
278 100

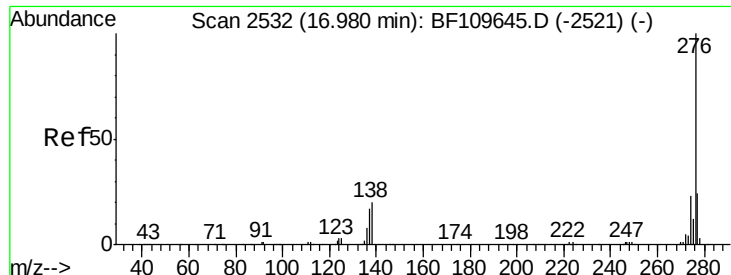
139 14.2 12.7 19.1

279 23.4 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

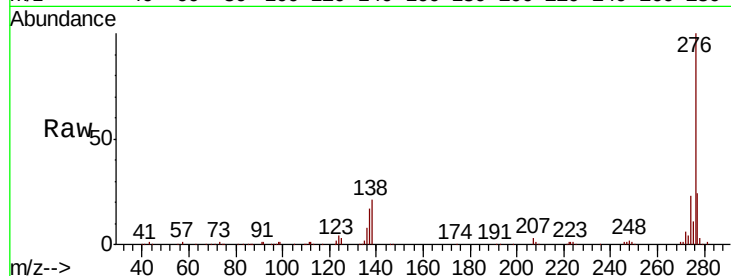




#91
 Benzo(a,h,i)perylene
 Concen: 39.827 ng
 RT: 16.98 min Scan# 2532
 Delta R.T. -0.00 min
 Lab File: BF109691.D
 Acq: 9 Oct 2018 13:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	21.0	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

