

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100818\
 Data File : BF109652.D
 Acq On : 8 Oct 2018 17:17
 Operator : JU/SJ
 Sample : PB113362BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113362BS

Quant Time: Oct 09 04:01:10 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	118649	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	510196	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	243392	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	456452	20.00	ng	0.00
75) Chrysene-d12	13.83	240	273798	20.00	ng	0.00
86) Perylene-d12	15.23	264	222016	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	778086	116.40	ng	0.02
7) Phenol-d6	6.36	99	975582	109.25	ng	0.00
23) Nitrobenzene-d5	7.26	82	636553	68.78	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	261756	98.70	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1204630	68.16	ng	0.00
78) Terphenyl-d14	12.79	244	1054184	74.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	108683	30.981	ng	98
3) Pyridine	3.22	79	234484	32.398	ng	98
4) n-Nitrosodimethylamine	3.15	42	129981	49.756	ng	# 100
6) Aniline	6.37	93	326898	31.426	ng	# 77
8) 2-Chlorophenol	6.49	128	345581	42.037	ng	99
9) Benzaldehyde	6.25	77	129083	22.464	ng	98
10) Phenol	6.37	94	406823	39.731	ng	81
11) bis(2-Chloroethyl)ether	6.44	93	334515	39.406	ng	99
12) 1,3-Dichlorobenzene	6.64	146	363066	38.614	ng	99
13) 1,4-Dichlorobenzene	6.72	146	387954	37.851	ng	100
14) 1,2-Dichlorobenzene	6.87	146	344147	38.234	ng	99
15) Benzyl Alcohol	6.86	79	289364	43.711	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	441966	39.265	ng	94
17) 2-Methylphenol	6.97	107	273569	42.081	ng	99
18) Hexachloroethane	7.20	117	140665	38.828	ng	96
19) n-Nitroso-di-n-propylamine	7.12	70	248976	39.760	ng	98
20) 3+4-Methylphenols	7.13	107	346883	43.303	ng	96
22) Acetophenone	7.11	105	499461	40.483	ng	99
24) Nitrobenzene	7.28	77	364978	37.897	ng	99
25) Isophorone	7.52	82	686322	44.655	ng	99
26) 2-Nitrophenol	7.60	139	184451	40.945	ng	98
27) 2,4-Dimethylphenol	7.65	122	310242	47.691	ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	425906	40.969	ng	99
29) 2,4-Dichlorophenol	7.85	162	299836	41.092	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	306720	37.972	ng	99
31) Naphthalene	8.00	128	981083	41.580	ng	99
32) Benzoic acid	7.78	122	72884	15.671	ng	93
33) 4-Chloroaniline	8.06	127	300618	28.932	ng	98
34) Hexachlorobutadiene	8.12	225	188155	37.464	ng	98
35) Caprolactam	8.44	113	40630	18.645	ng	96
36) 4-Chloro-3-methylphenol	8.55	107	314474	40.829	ng	99
37) 2-Methylnaphthalene	8.69	142	673891	43.601	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	308084	37.185	ng	99
40) Hexachlorocyclopentadiene	8.85	237	288296	79.517	ng	100

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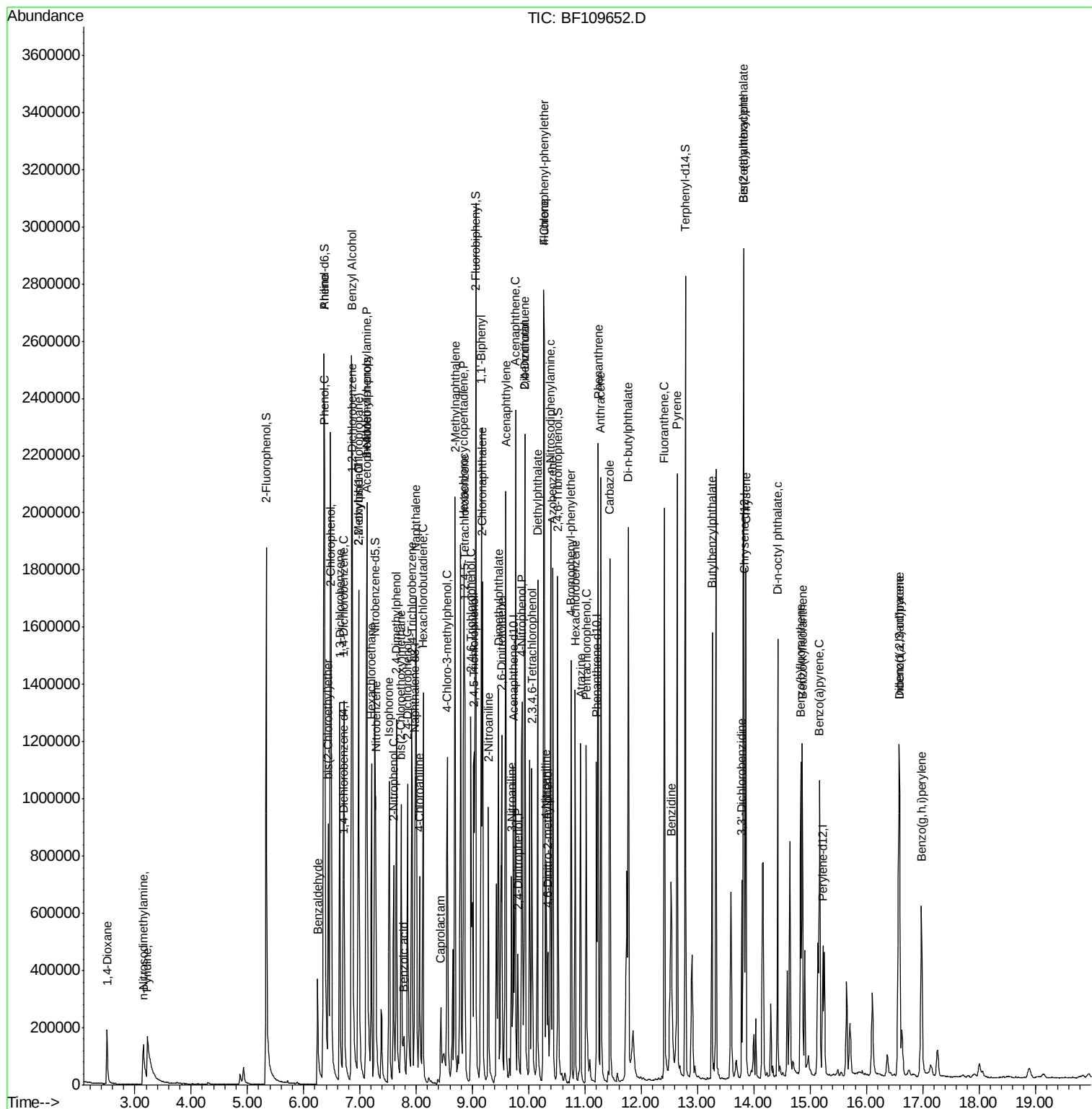
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	202641	40.914	ng	99
43) 2,4,5-Trichlorophenol	9.03	196	218117	38.302	ng	97
45) 1,1'-Biphenyl	9.16	154	803346	36.947	ng	99
46) 2-Chloronaphthalene	9.18	162	624962	38.365	ng	100
47) 2-Nitroaniline	9.28	65	196357	39.809	ng	99
48) Acenaphthylene	9.59	152	968407	40.777	ng	99
49) Dimethylphthalate	9.46	163	713134	39.950	ng	100
50) 2,6-Dinitrotoluene	9.52	165	153372	39.637	ng	97
51) Acenaphthene	9.76	154	550049	39.071	ng	99
52) 3-Nitroaniline	9.69	138	132892	30.638	ng	98
53) 2,4-Dinitrophenol	9.80	184	72914	58.406	ng	93
54) Dibenzofuran	9.93	168	811423	38.451	ng	99
55) 4-Nitrophenol	9.88	139	191543	80.678	ng	97
56) 2,4-Dinitrotoluene	9.93	165	190045	39.356	ng	96
57) Fluorene	10.27	166	644218	40.879	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	177313	38.304	ng	98
59) Diethylphthalate	10.16	149	689671	38.994	ng	100
60) 4-Chlorophenyl-phenylether	10.27	204	303699	36.529	ng	99
61) 4-Nitroaniline	10.31	138	147125	36.627	ng	99
62) Azobenzene	10.43	77	695411	38.719	ng	100
64) 4,6-Dinitro-2-methylphenol	10.34	198	62932	28.327	ng	97
65) n-Nitrosodiphenylamine	10.39	169	593992	38.387	ng	99
66) 4-Bromophenyl-phenylether	10.76	248	200974	38.319	ng	97
67) Hexachlorobenzene	10.83	284	213768	37.640	ng	99
68) Atrazine	10.92	200	172018	35.621	ng	99
69) Pentachlorophenol	11.02	266	176588	55.258	ng	97
70) Phenanthrene	11.23	178	928638	40.654	ng	99
71) Anthracene	11.28	178	963758	40.815	ng	100
72) Carbazole	11.44	167	841389	36.739	ng	100
73) Di-n-butylphthalate	11.77	149	1018354	38.338	ng	100
74) Fluoranthene	12.41	202	927864	38.882	ng	100
76) Benzidine	12.53	184	221455	21.773	ng	99
77) Pyrene	12.64	202	903722	45.050	ng	99
79) Butylbenzylphthalate	13.26	149	382095	43.933	ng	99
80) Benzo(a)anthracene	13.82	228	623848	41.289	ng	100
81) 3,3'-Dichlorobenzidine	13.79	252	163738	26.914	ng	98
82) Chrysene	13.86	228	637033	40.139	ng	100
83) Bis(2-ethylhexyl)phthalate	13.82	149	448021	42.223	ng	99
84) Di-n-octyl phthalate	14.42	149	691158	41.209	ng	99
85) Indeno(1,2,3-cd)pyrene	16.58	276	617347	54.346	ng	99
87) Benzo(b)fluoranthene	14.83	252	513678	41.868	ng	98
88) Benzo(k)fluoranthene	14.86	252	535704	43.457	ng	99
89) Benzo(a)pyrene	15.17	252	504539	45.316	ng	99
90) Dibenzo(a,h)anthracene	16.59	278	508811	55.644	ng	98
91) Benzo(g,h,i)perylene	16.98	276	543962	59.573	ng	99

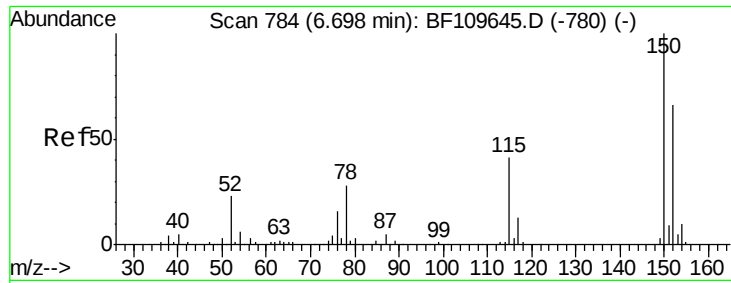
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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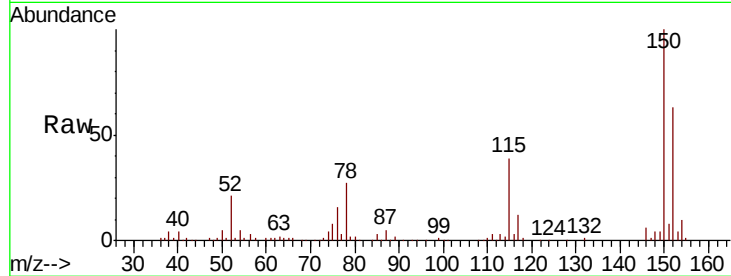


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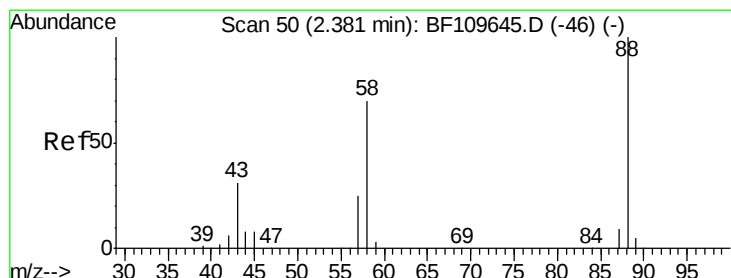
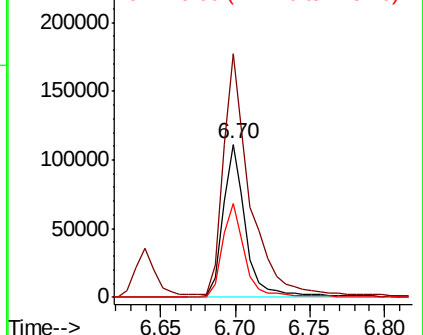
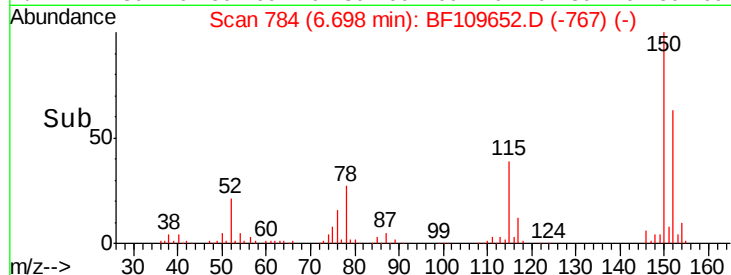
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Instrument :
BNA_F
ClientSampleId :
PB113362BS

Tgt Ion:152 Resp: 118649
Ion Ratio Lower Upper
152 100
150 159.4 122.7 184.1
115 61.8 49.1 73.7



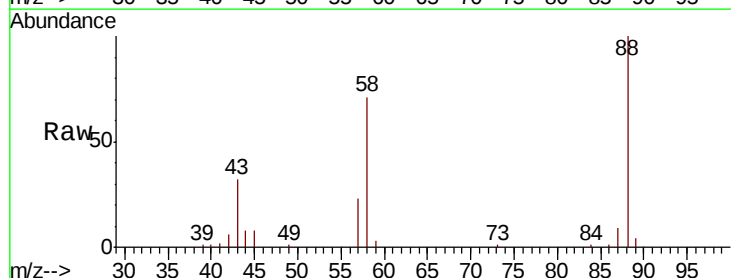
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



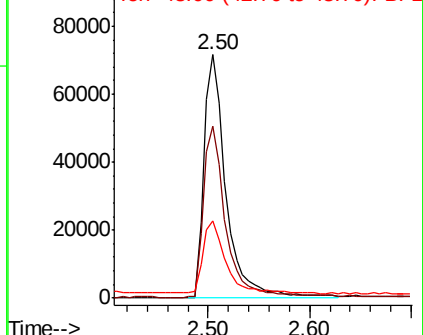
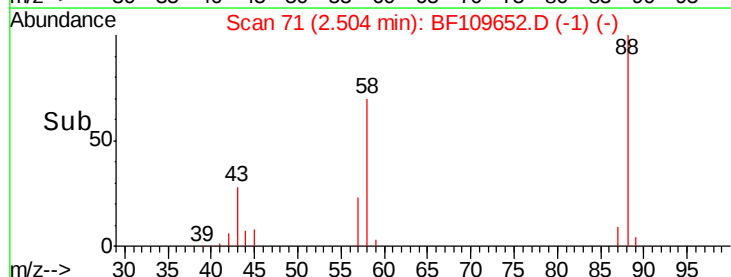
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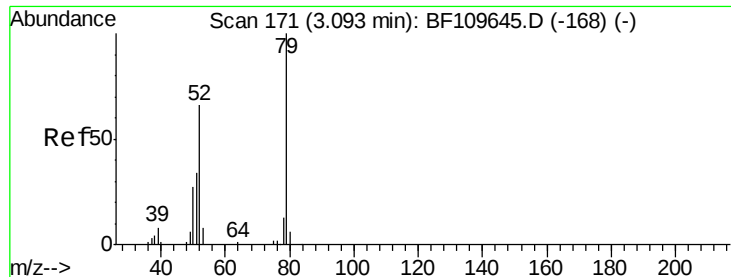
1,4-Dioxane
Concen: 30.981 ng
RT: 2.50 min Scan# 71
Delta R.T. 0.12 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Tgt Ion: 88 Resp: 108683
Ion Ratio Lower Upper
88 100
58 73.1 57.1 85.7
43 29.3 24.1 36.1



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





#3

Pyridine

Concen: 32.398 ng

RT: 3.22 min Scan# 193

Delta R.T. 0.13 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

Instrument :

BNA_F

ClientSampleId :

PB113362BS

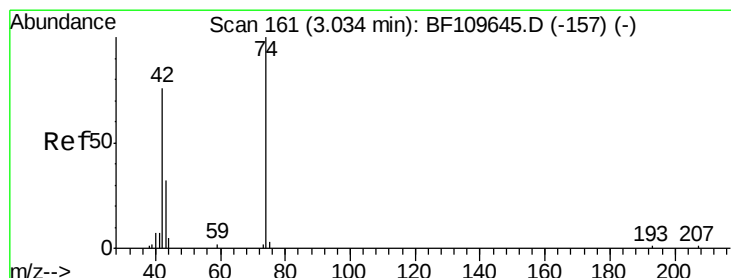
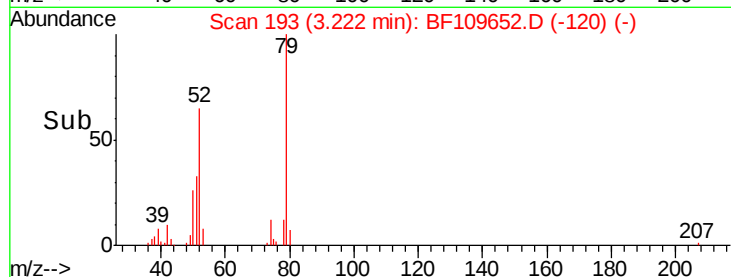
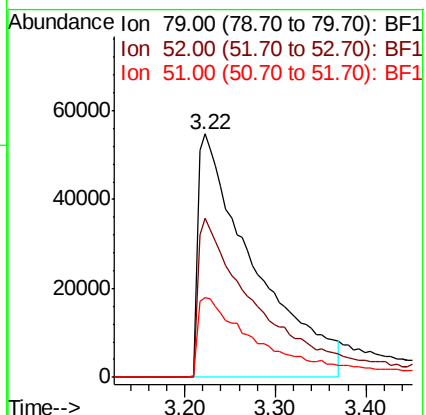
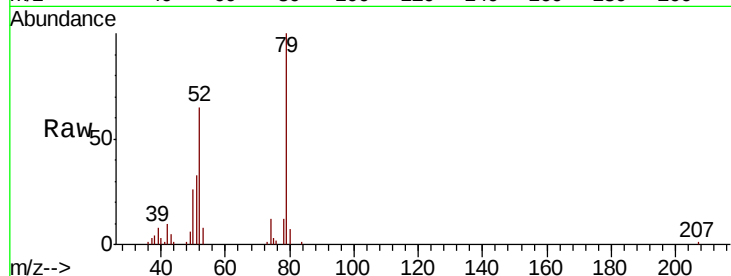
Tgt Ion: 79 Resp: 234484

Ion Ratio Lower Upper

79 100

52 65.3 53.1 79.7

51 32.9 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 49.756 ng

RT: 3.15 min Scan# 181

Delta R.T. 0.12 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

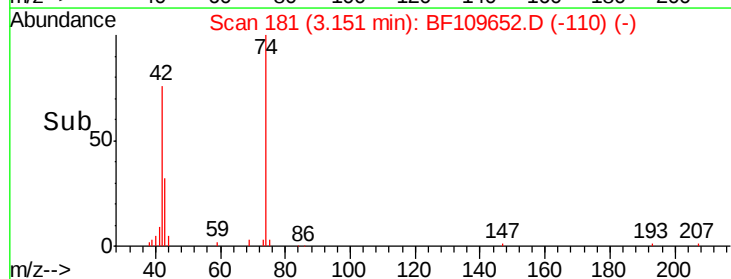
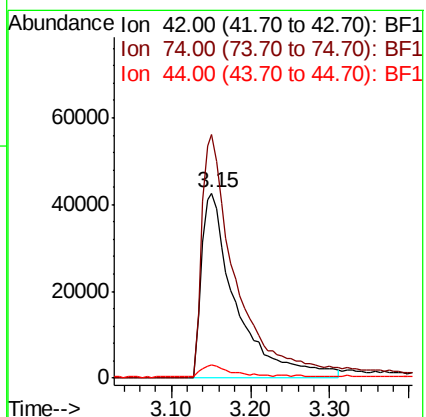
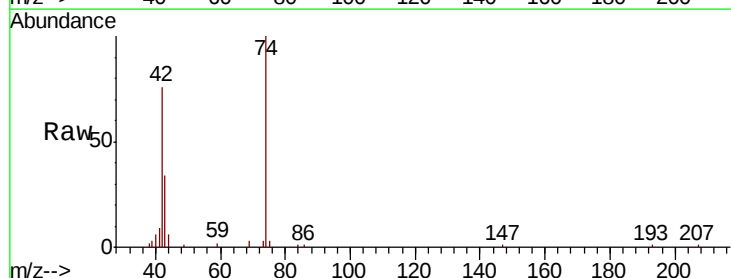
Tgt Ion: 42 Resp: 129981

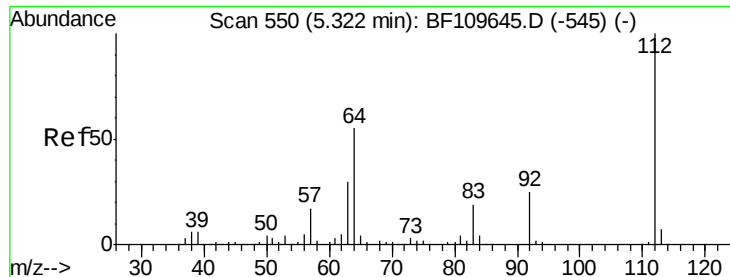
Ion Ratio Lower Upper

42 100

74 131.6 105.5 158.3

44 7.5 4.9 7.3#





#5

2-Fluorophenol

Concen: 116.404 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.02 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

Instrument :

BNA_F

ClientSampleId :

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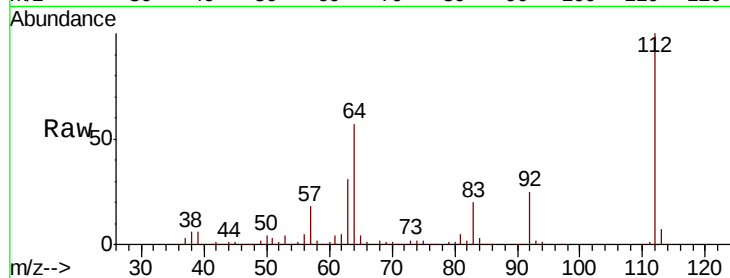
Tgt Ion: 112 Resp: 778086

Ion Ratio Lower Upper

112 100

64 56.9 44.1 66.1

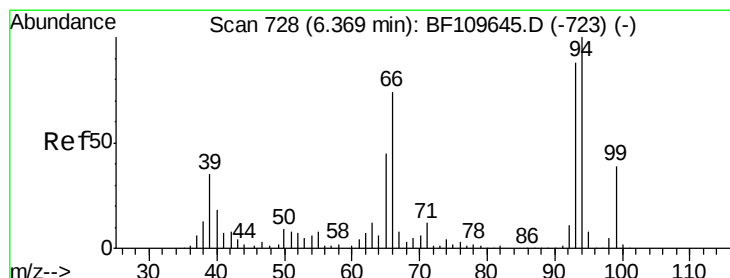
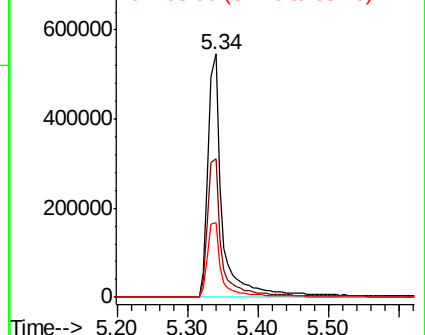
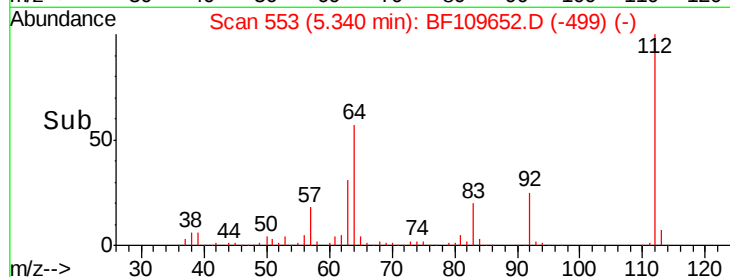
63 30.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.426 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

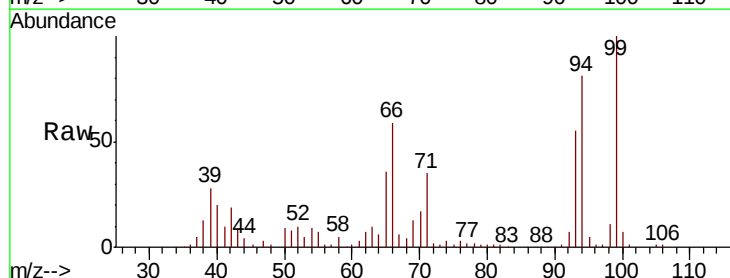
Tgt Ion: 93 Resp: 326898

Ion Ratio Lower Upper

93 100

66 107.4 67.4 101.0#

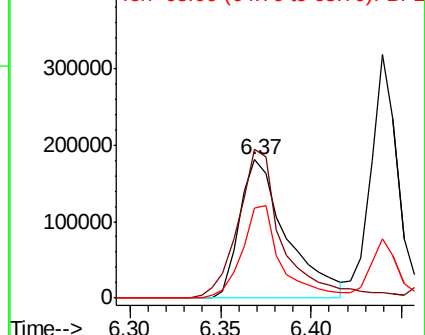
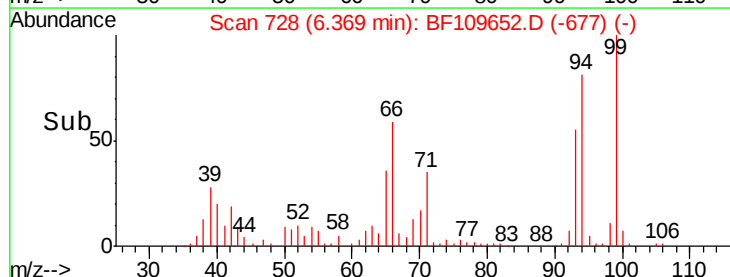
65 64.9 41.0 61.4#

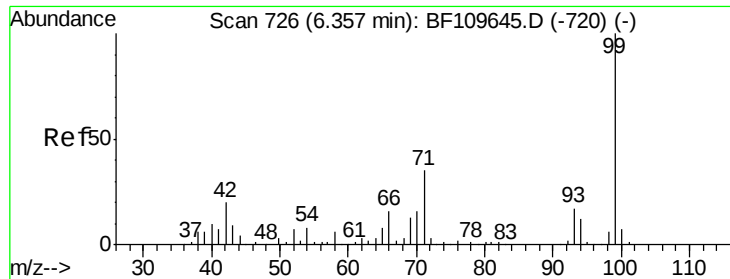


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 109.254 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF109652.D

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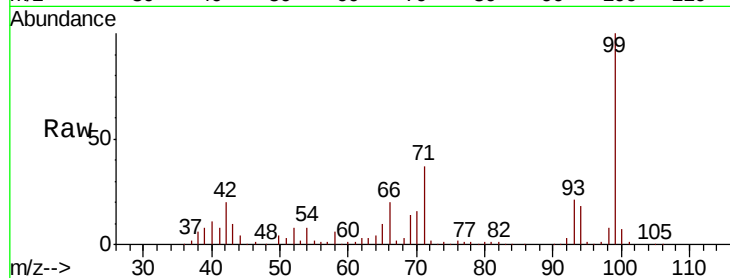
Tgt Ion: 99 Resp: 975582

Ion Ratio Lower Upper

99 100

42 20.2 15.8 23.6

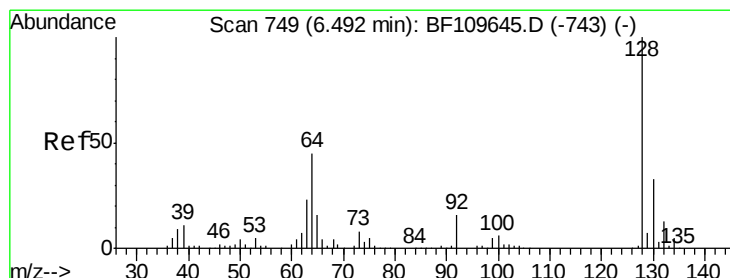
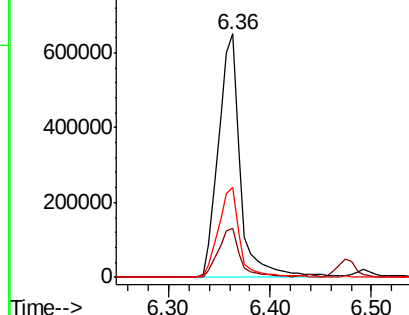
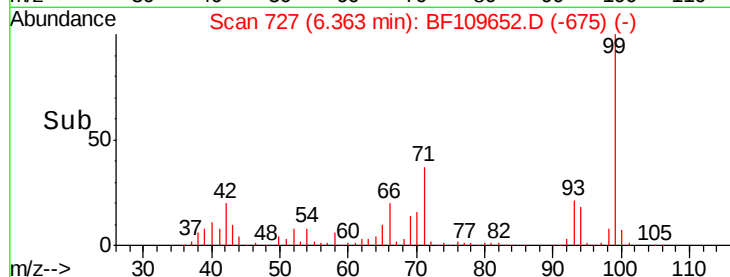
71 36.7 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.037 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

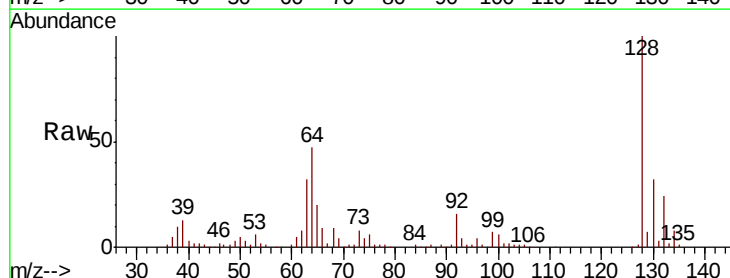
Tgt Ion: 128 Resp: 345581

Ion Ratio Lower Upper

128 100

130 32.4 13.1 53.1

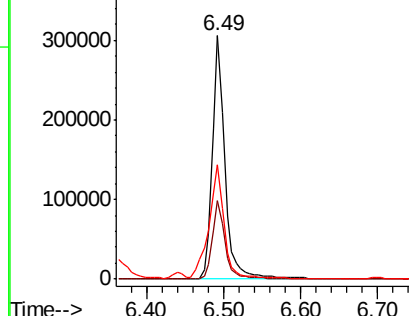
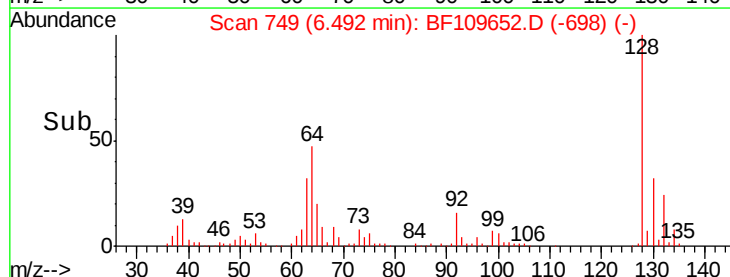
64 46.8 26.0 66.0

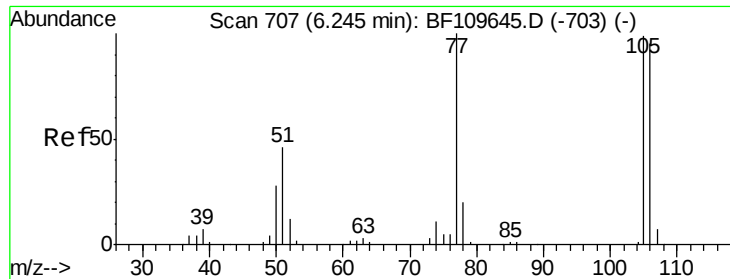


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

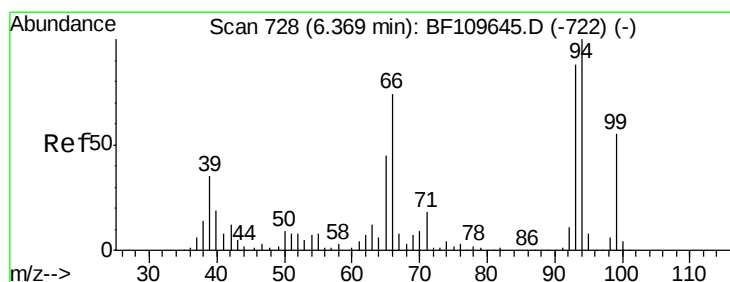
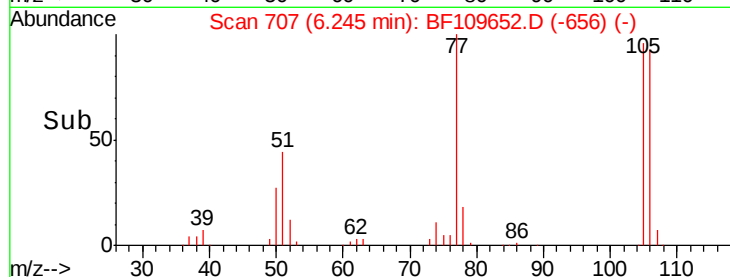
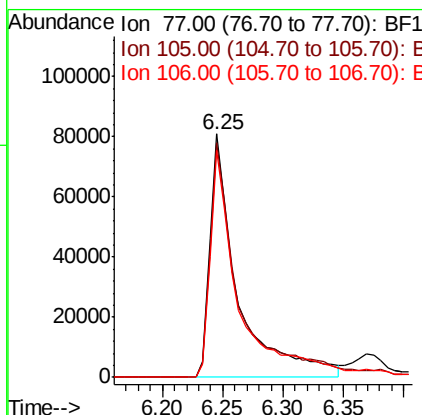
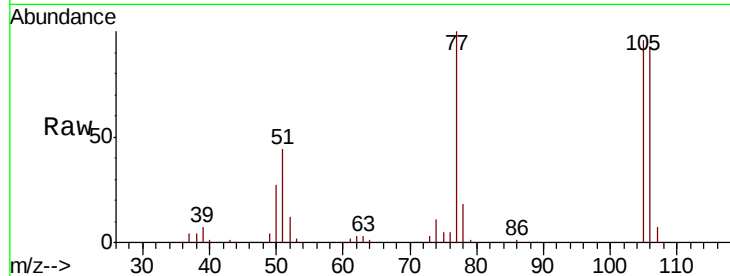




#9
Benzaldehyde
Concen: 22.464 ng
RT: 6.25 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

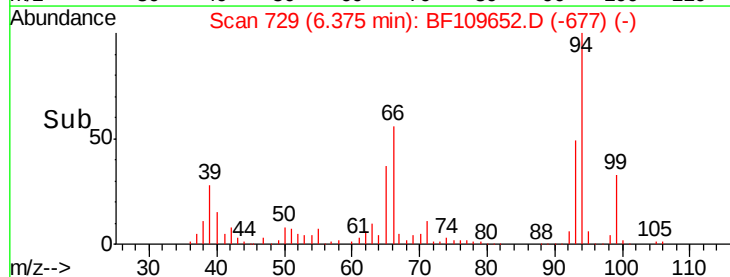
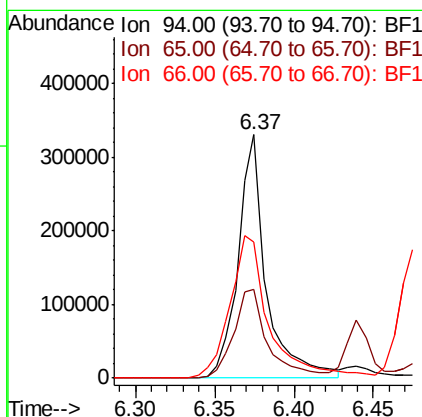
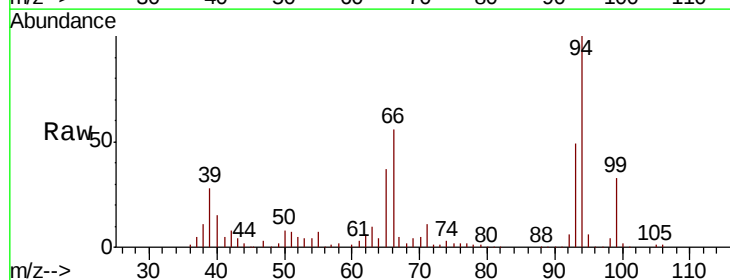
Instrument :
BNA_F
ClientSampleId :
PB113362BS

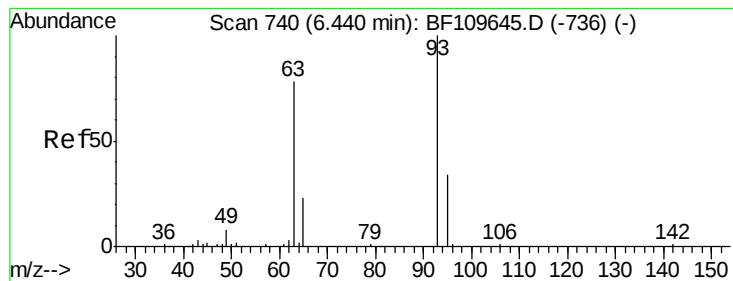
Tgt Ion: 77 Resp: 129083
Ion Ratio Lower Upper
77 100
105 96.5 78.6 118.6
106 93.3 74.8 114.8



#10
Phenol
Concen: 39.731 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Tgt Ion: 94 Resp: 406823
Ion Ratio Lower Upper
94 100
65 36.6 25.3 65.3
66 55.8 54.5 94.5





#11

bis(2-Chloroethyl)ether

Concen: 39.406 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

Instrument :

BNA_F

ClientSampleId :

PB113362BS

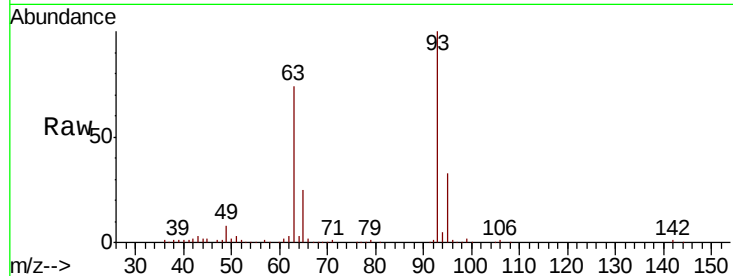
Tgt Ion: 93 Resp: 334515

Ion Ratio Lower Upper

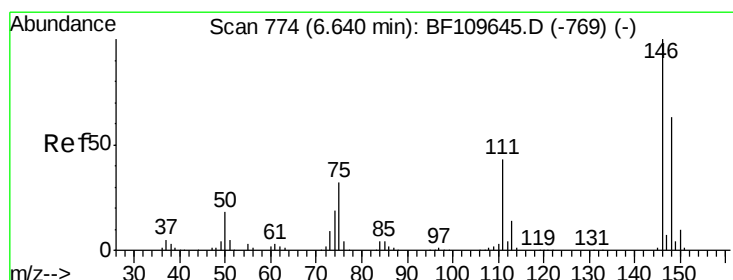
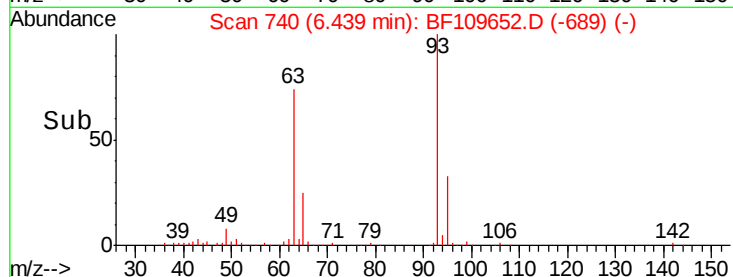
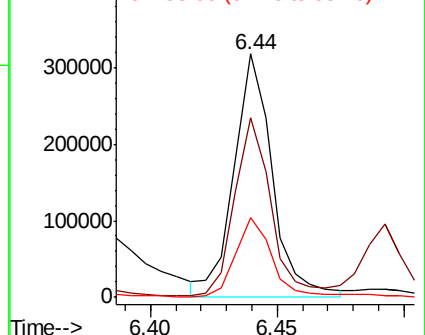
93 100

63 73.9 53.4 93.4

95 33.0 12.1 52.1



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



#12

1,3-Dichlorobenzene

Concen: 38.614 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

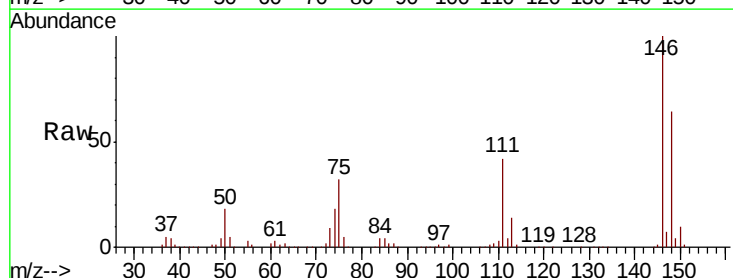
Tgt Ion: 146 Resp: 363066

Ion Ratio Lower Upper

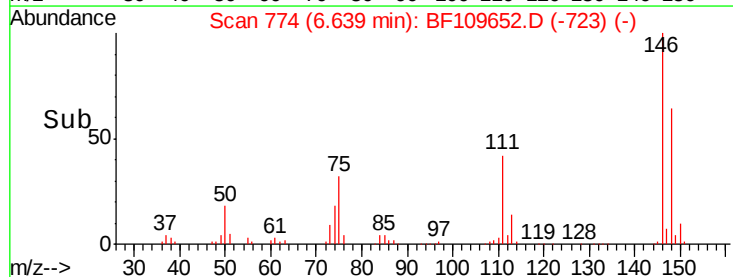
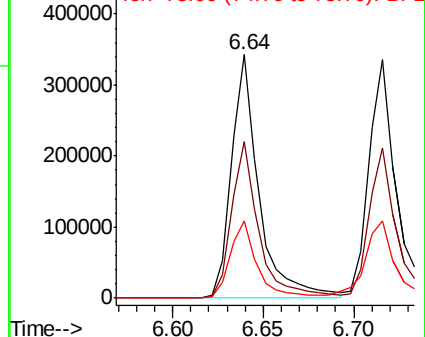
146 100

148 64.4 50.4 75.6

75 31.8 25.8 38.6



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

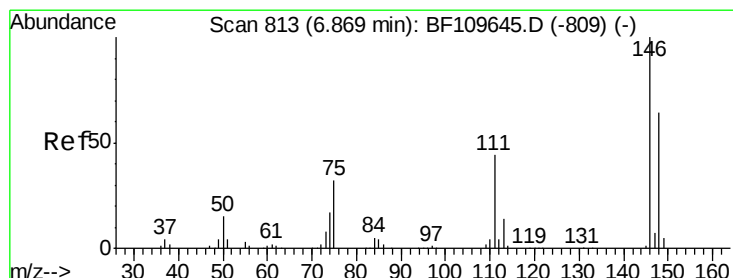
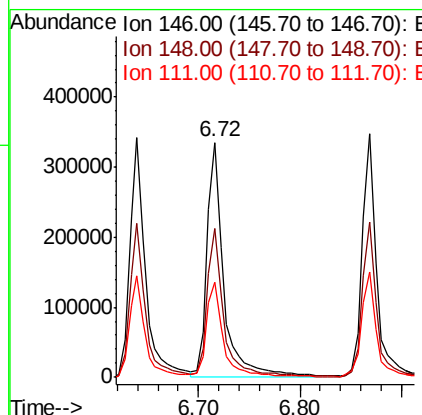
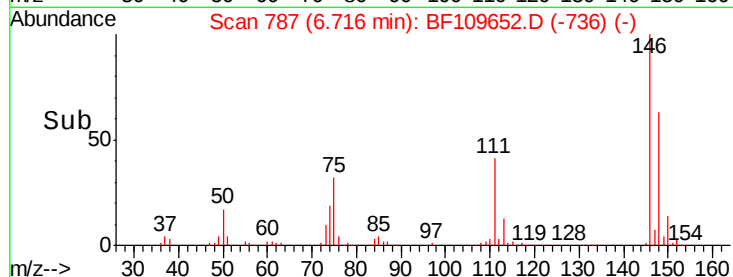
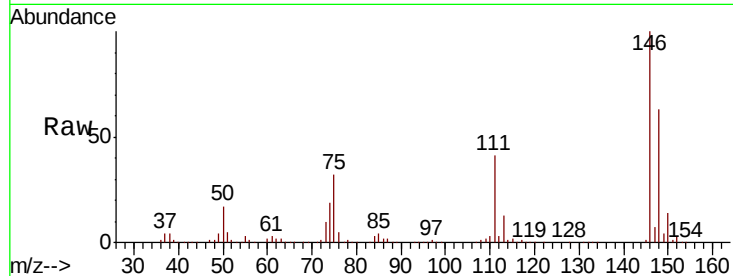




#13
 1,4-Dichlorobenzene
 Concen: 37.851 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

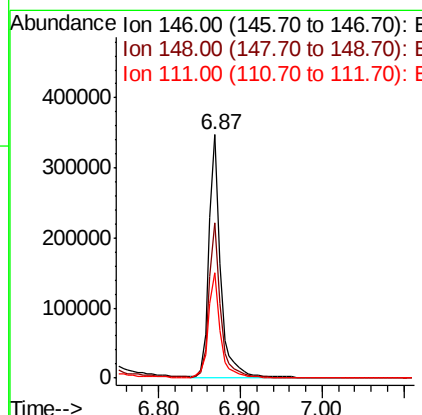
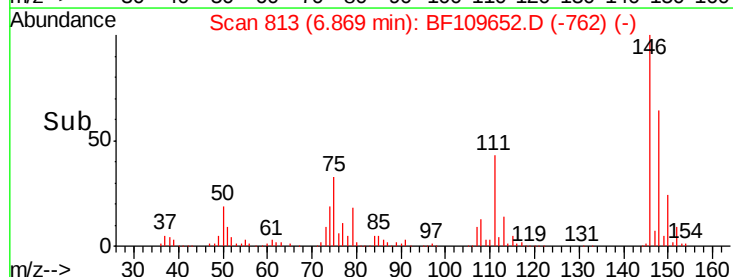
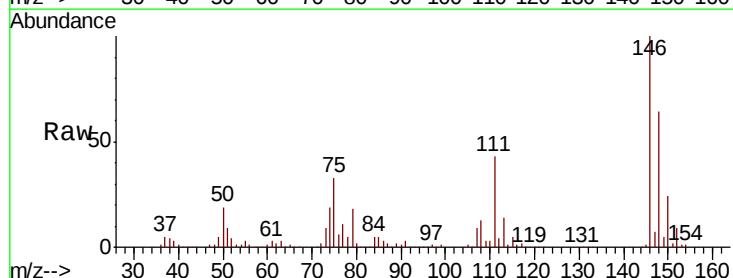
Instrument :
 BNA_F
 ClientSampleId :
 PB113362BS

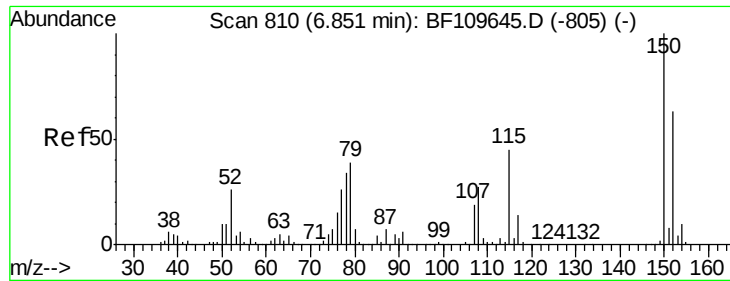
Tgt Ion:146 Resp: 387954
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.3 75.5
 111 40.7 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 38.234 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Tgt Ion:146 Resp: 344147
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.1 76.7
 111 43.3 35.8 53.6

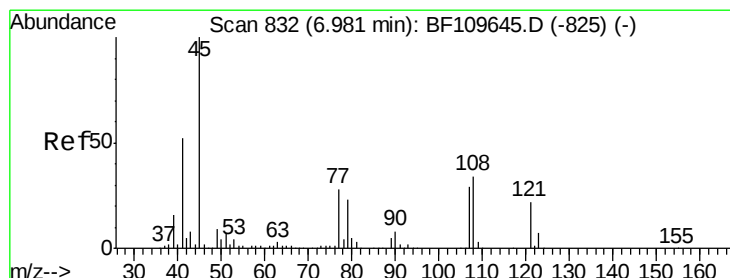
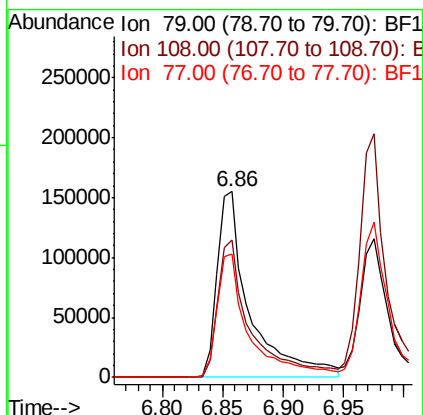
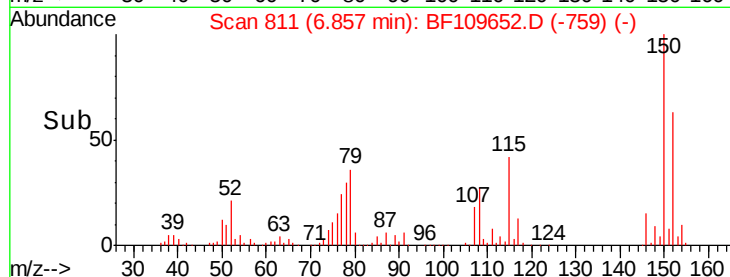
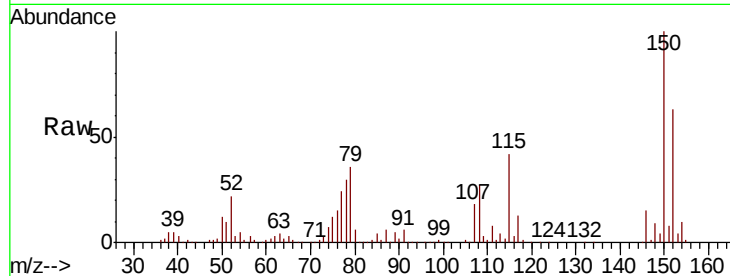




#15
Benzyl Alcohol
Concen: 43.711 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

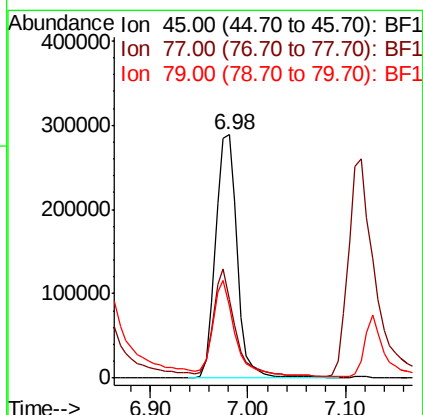
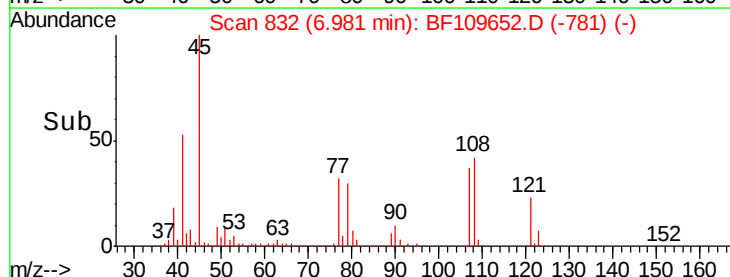
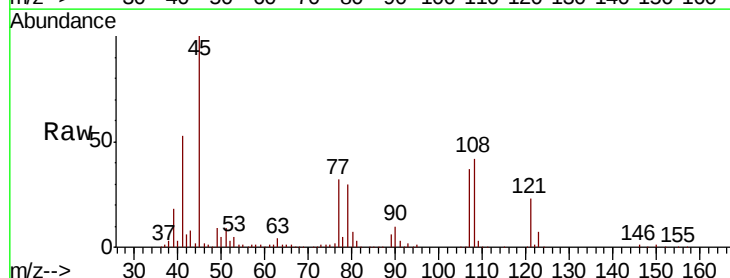
Instrument :
BNA_F
ClientSampleID :
PB113362BS

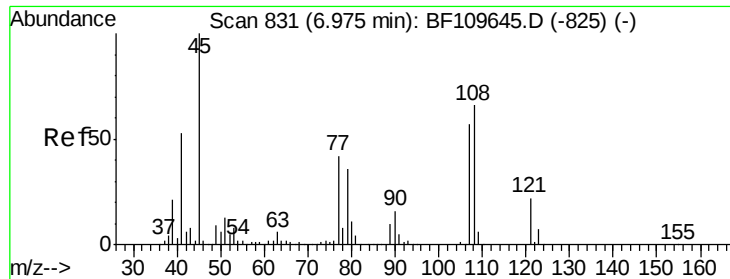
Tgt Ion: 79 Resp: 289364
Ion Ratio Lower Upper
79 100
108 73.8 56.3 84.5
77 66.7 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.265 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Tgt Ion: 45 Resp: 441966
Ion Ratio Lower Upper
45 100
77 32.4 10.0 50.0
79 29.7 6.1 46.1

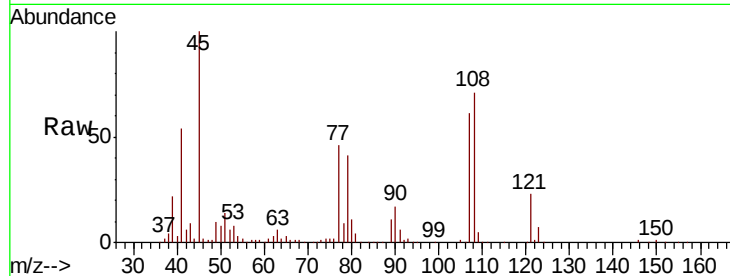




#17
2-Methylphenol
Concen: 42.081 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Instrument :
BNA_F
ClientSampleId :
PB113362BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	116.4	92.6	138.8
77	74.5	59.4	89.2
79	66.2	54.0	81.0



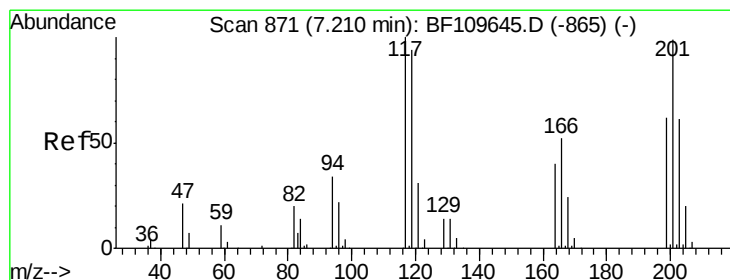
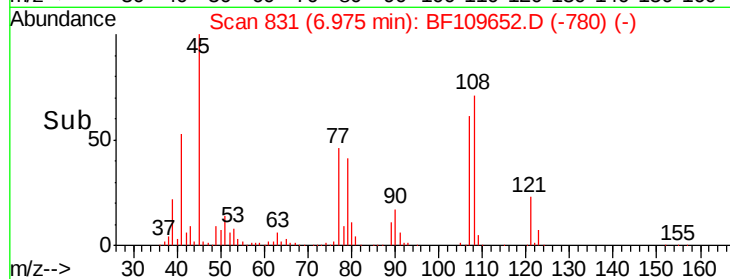
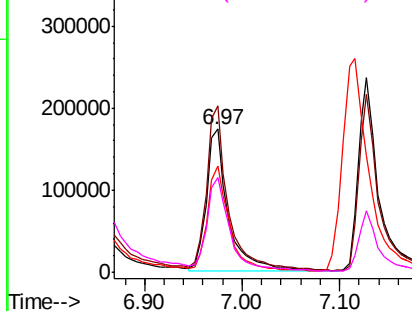
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

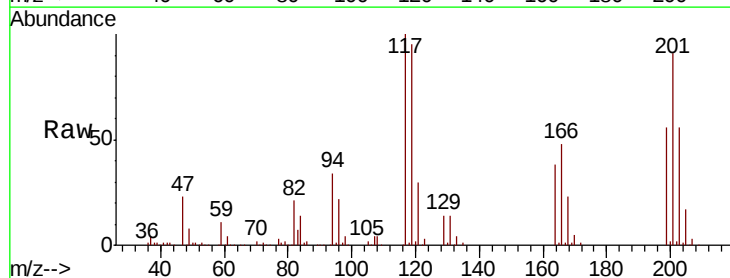
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 38.828 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.0	112.6
201	91.3	79.2	118.8

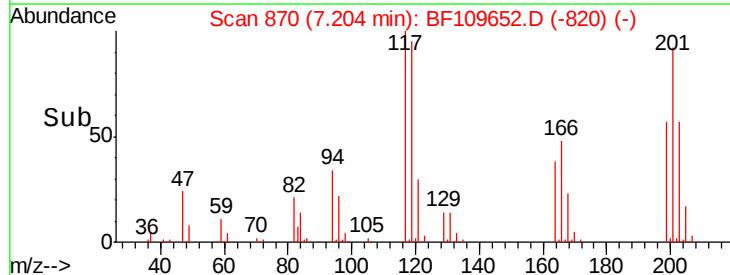
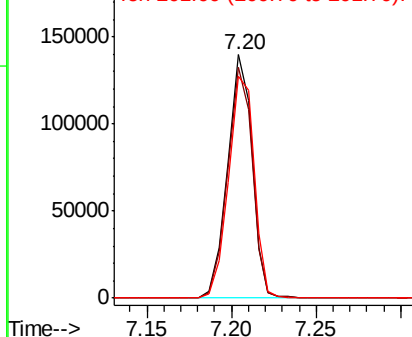


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

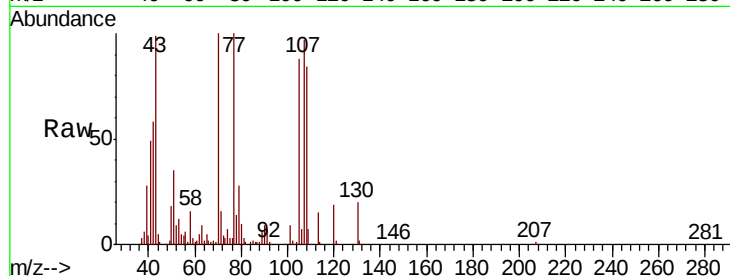




#19
n-Nitroso-di-n-propylamine
Concen: 39.760 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Instrument :
BNA_F
ClientSampleId :
PB113362BS

Tgt Ion:	70	Resp:	248976
Ion	Ratio	Lower	Upper
70	100		
42	57.8	47.4	71.2
101	9.2	7.3	10.9
130	20.5	16.2	24.2



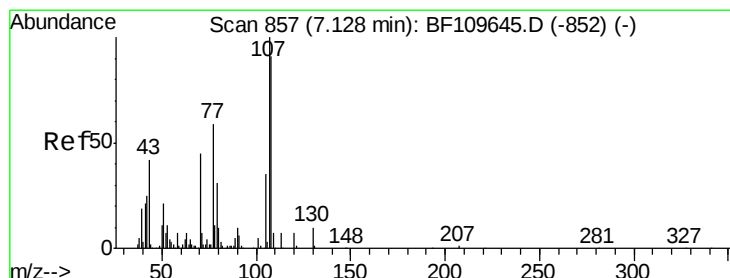
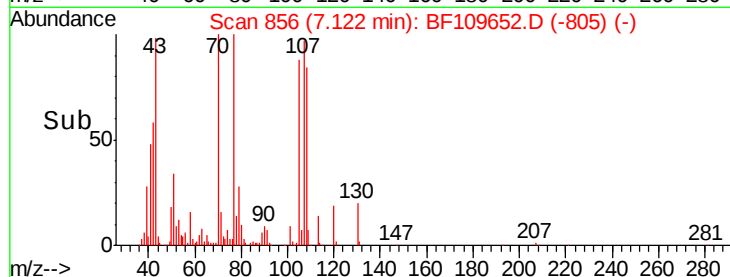
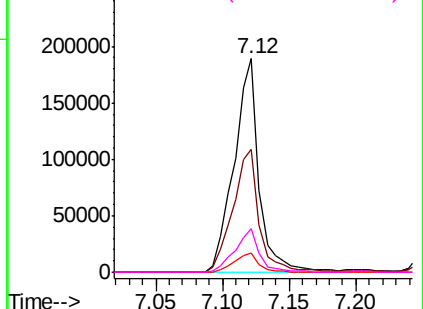
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

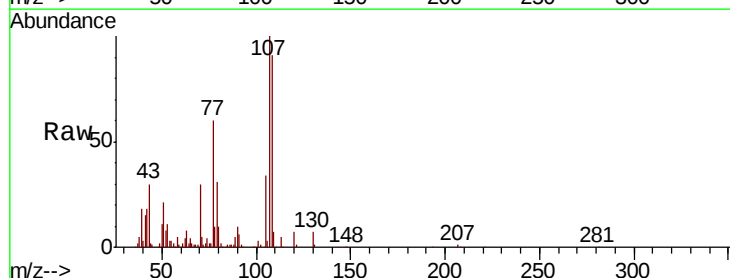
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 43.303 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Tgt Ion:	107	Resp:	346883
Ion	Ratio	Lower	Upper
107	100		
108	91.2	71.4	111.4
77	59.9	47.3	87.3
79	31.3	10.9	50.9



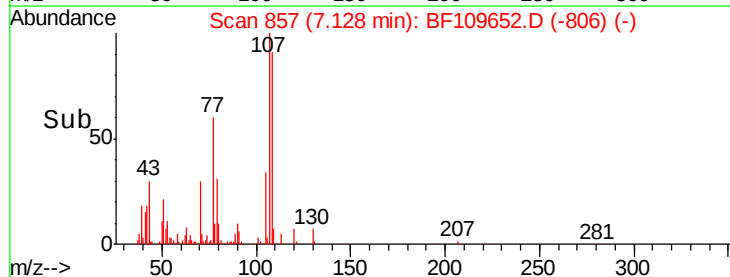
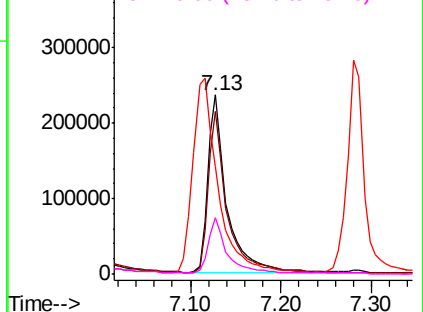
Abundance

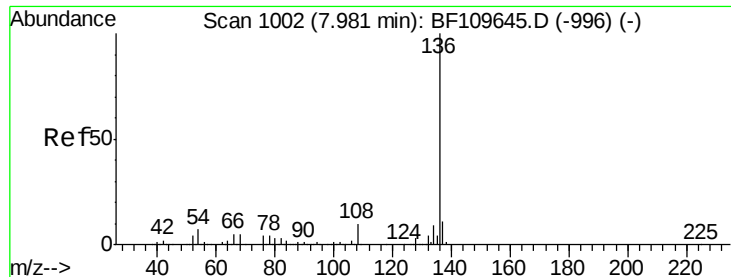
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

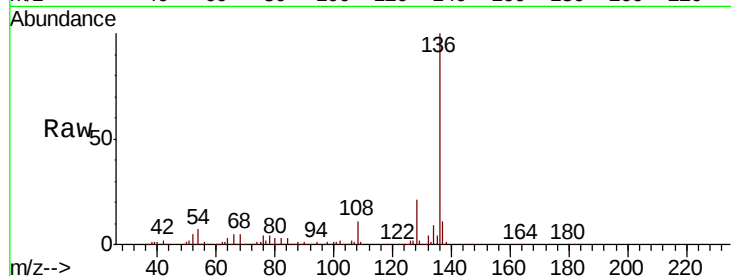




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Instrument :
BNA_F
ClientSampleId :
PB113362BS

Tgt Ion:	136	Resp:	510196
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.8	5.4	8.2
68	5.1	4.2	6.2



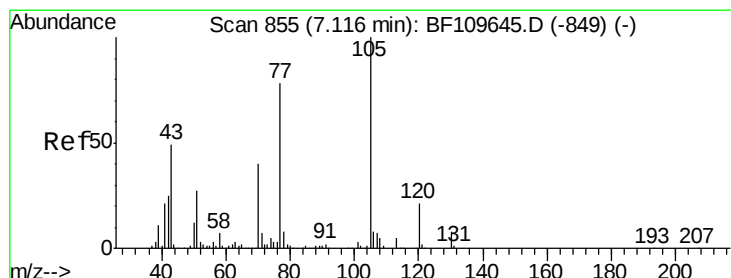
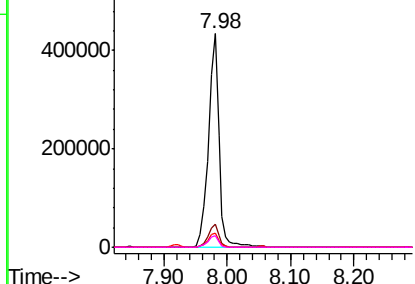
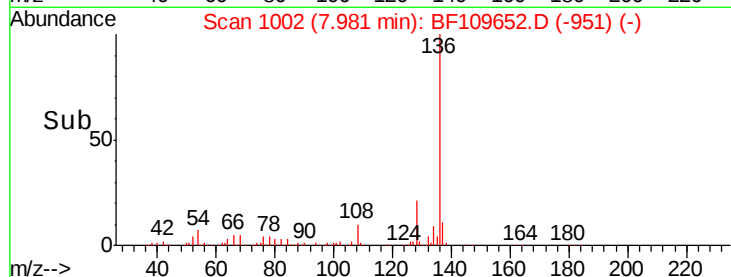
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

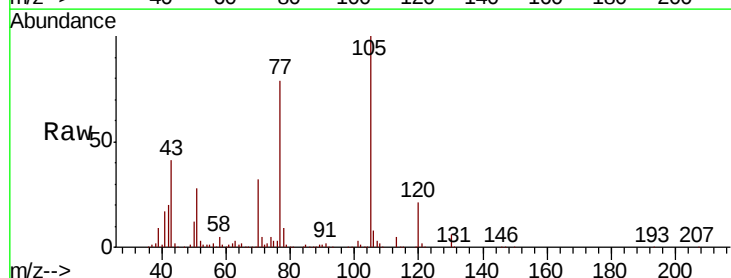
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 40.483 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Tgt Ion:	105	Resp:	499461
Ion	Ratio	Lower	Upper
105	100		
71	5.4	5.2	7.8
51	27.9	21.8	32.8
120	21.2	17.0	25.4



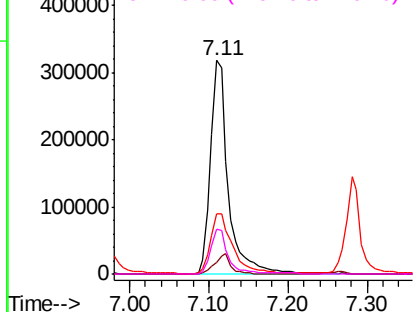
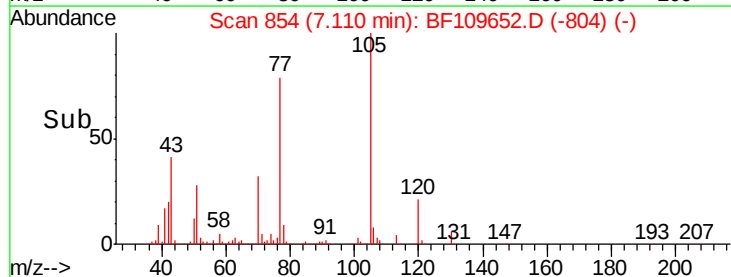
Abundance

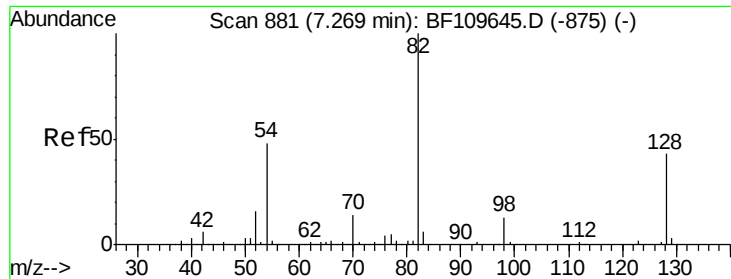
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

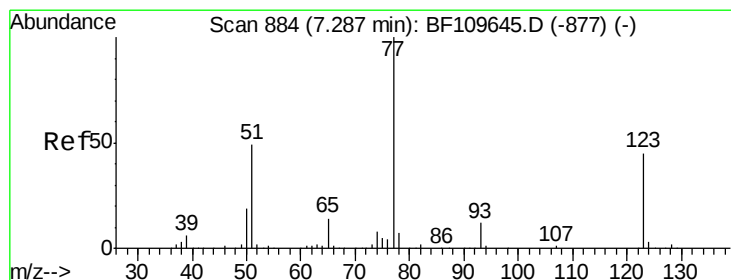
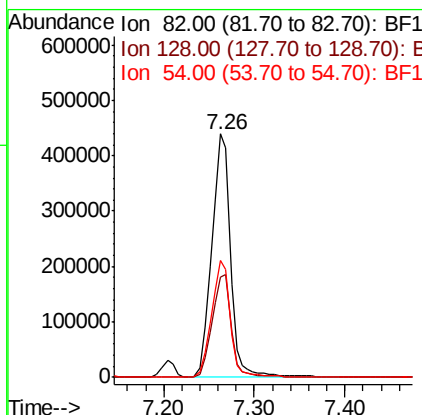
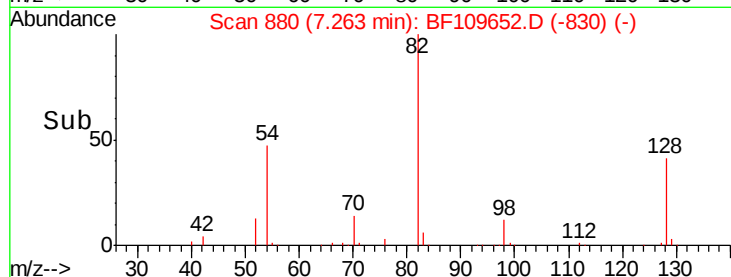
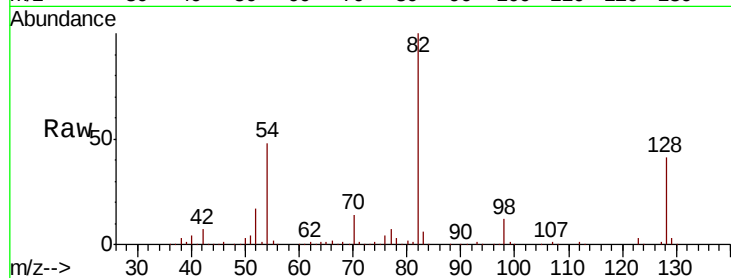




#23
 Nitrobenzene-d5
 Concen: 68.775 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

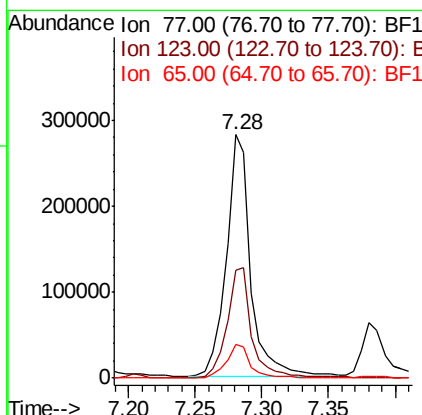
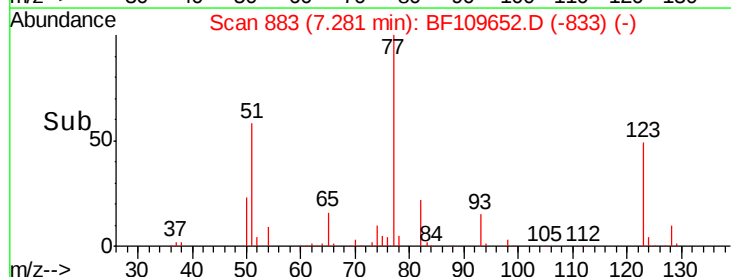
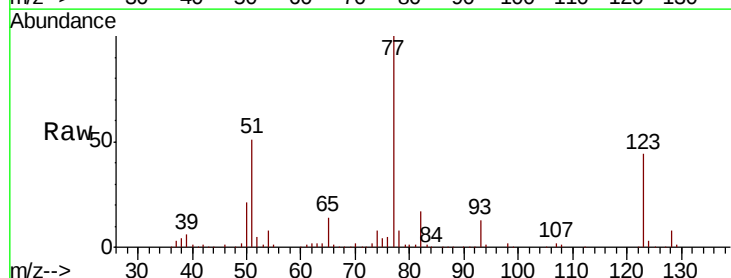
Instrument :
 BNA_F
 ClientSampleId :
 PB113362BS

Tgt Ion: 82 Resp: 636553
 Ion Ratio Lower Upper
 82 100
 128 41.2 34.2 51.2
 54 48.2 38.6 58.0



#24
 Nitrobenzene
 Concen: 37.897 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Tgt Ion: 77 Resp: 364978
 Ion Ratio Lower Upper
 77 100
 123 44.4 35.7 53.5
 65 13.8 10.7 16.1





#25

Isophorone

Concen: 44.655 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

Instrument :

BNA_F

ClientSampleId :

PB113362BS

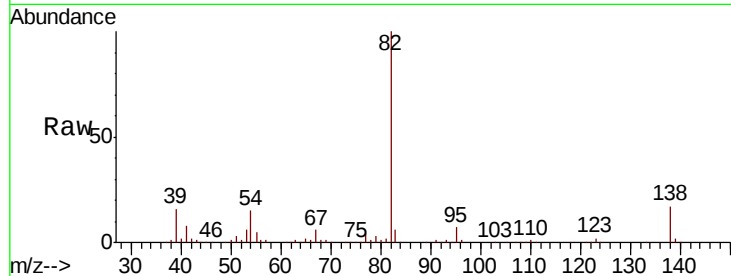
Tgt Ion: 82 Resp: 686322

Ion Ratio Lower Upper

82 100

95 7.3 5.7 8.5

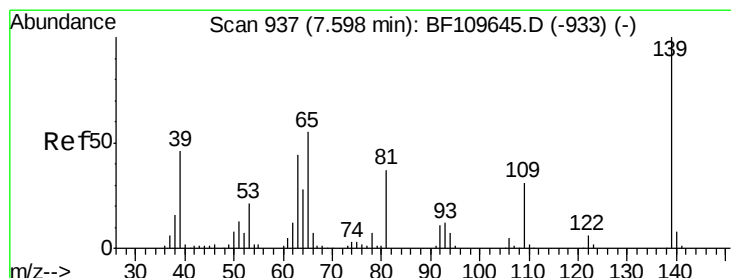
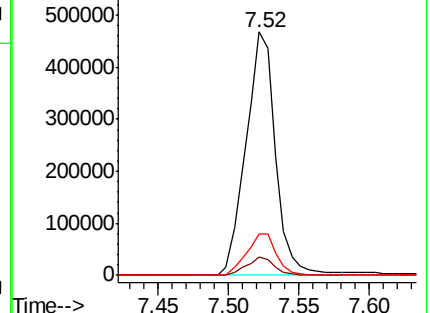
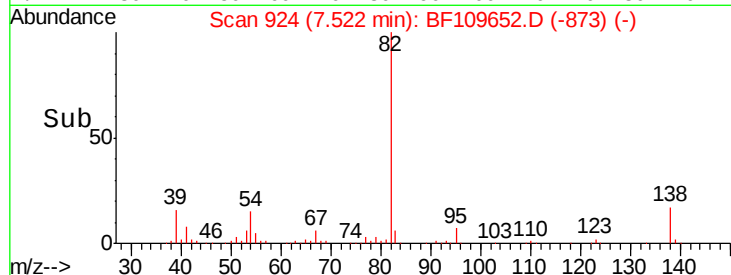
138 16.7 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.945 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

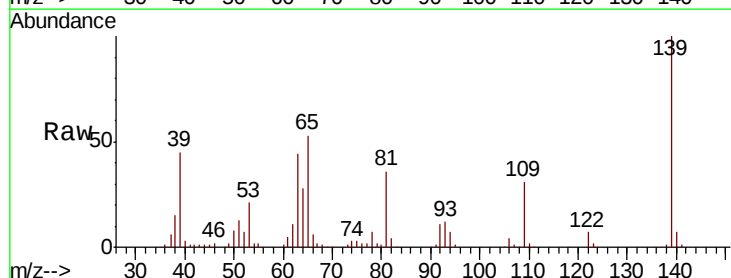
Tgt Ion: 139 Resp: 184451

Ion Ratio Lower Upper

139 100

109 30.6 25.0 37.6

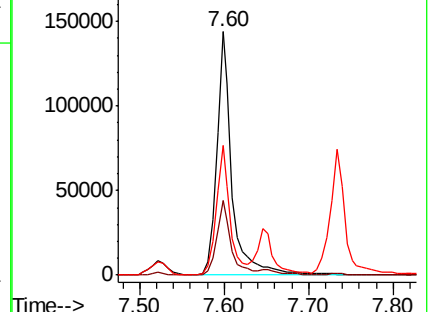
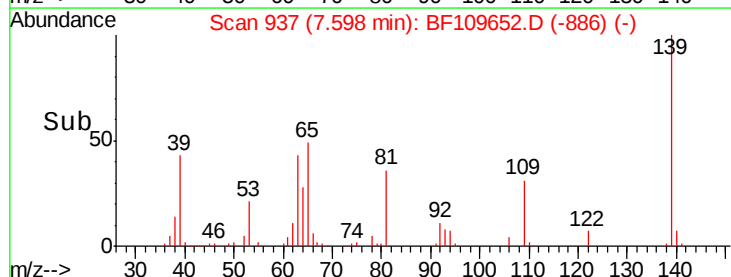
65 53.1 44.0 66.0

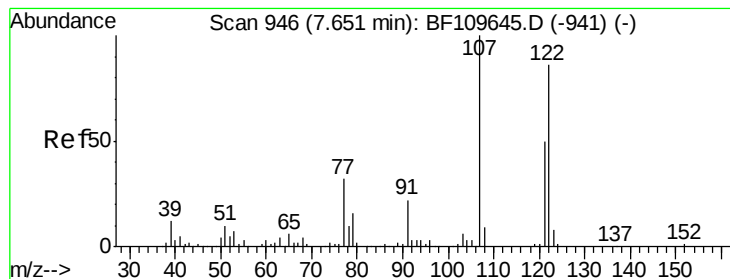


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 47.691 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

Instrument :

BNA_F

ClientSampleId :

PB113362BS

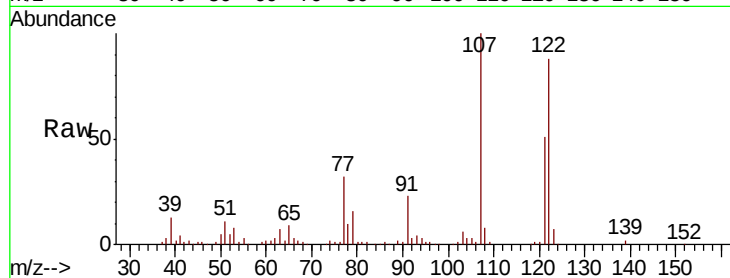
Tgt Ion:122 Resp: 310242

Ion Ratio Lower Upper

122 100

107 113.2 92.5 138.7

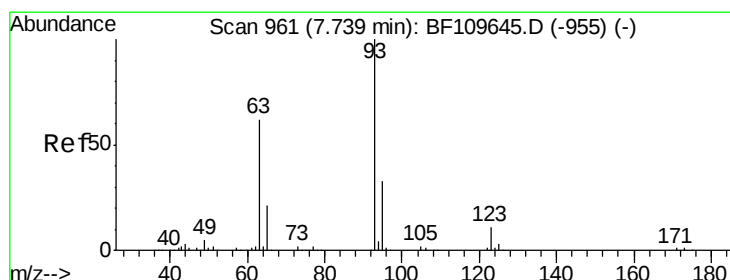
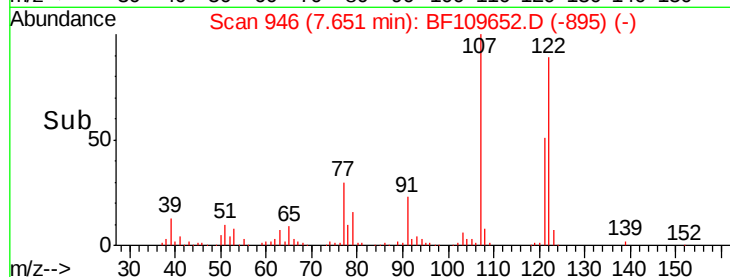
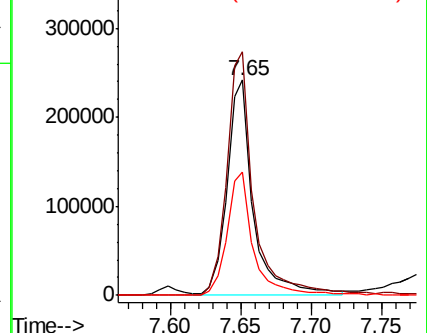
121 57.2 45.8 68.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.969 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

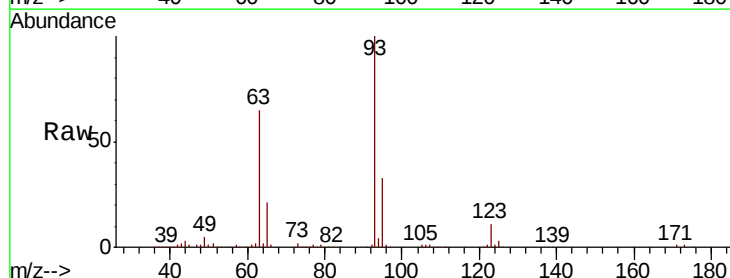
Tgt Ion: 93 Resp: 425906

Ion Ratio Lower Upper

93 100

95 32.8 26.4 39.6

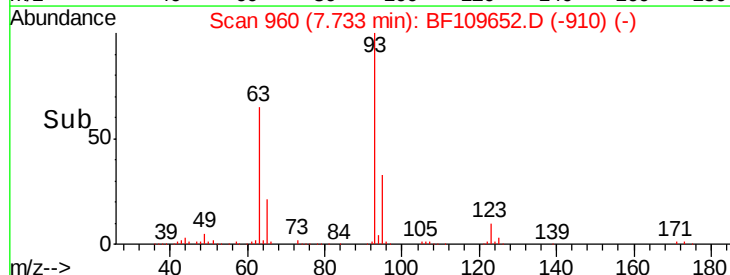
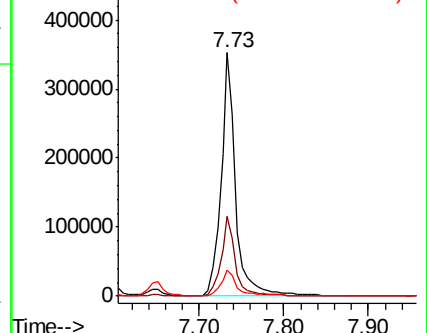
123 10.6 9.0 13.6

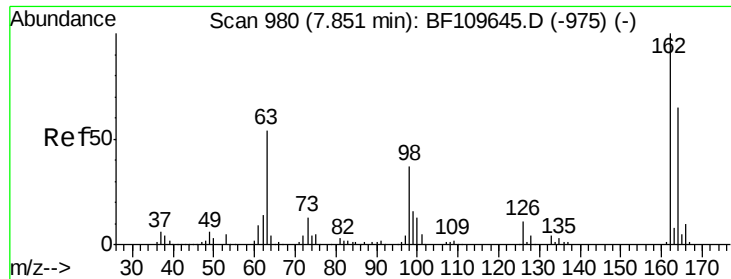


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

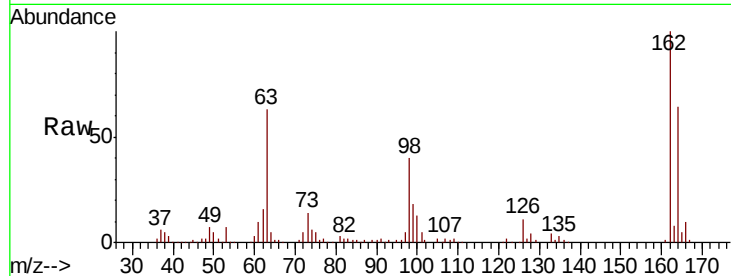




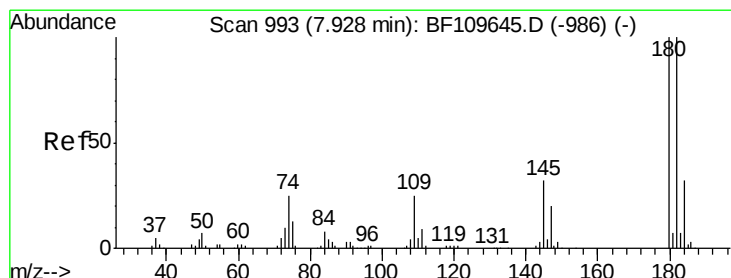
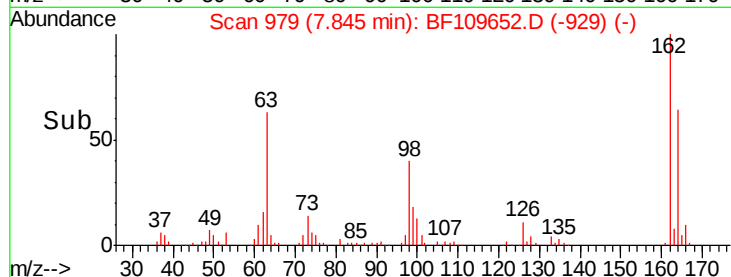
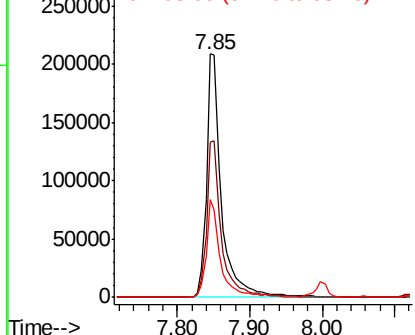
#29
2,4-Dichlorophenol
Concen: 41.092 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Instrument :
BNA_F
ClientSampleId :
PB113362BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.6	84.6
98	40.1	17.4	57.4

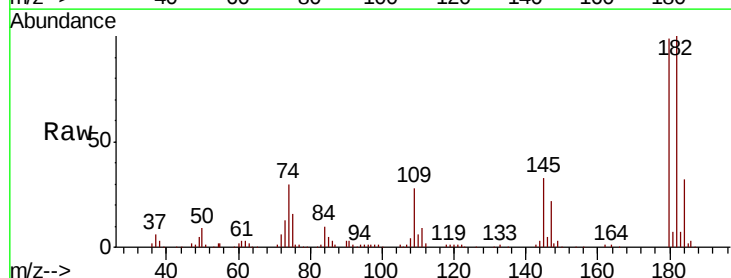


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

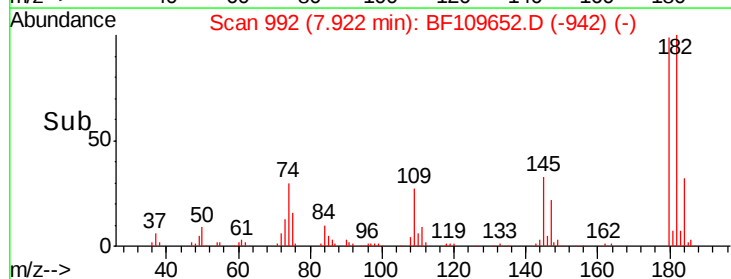
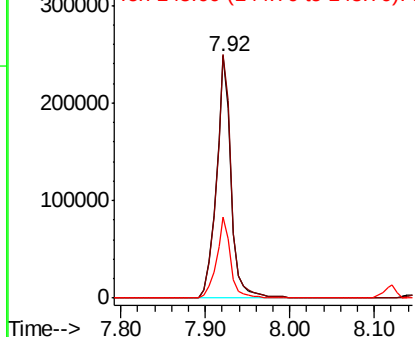


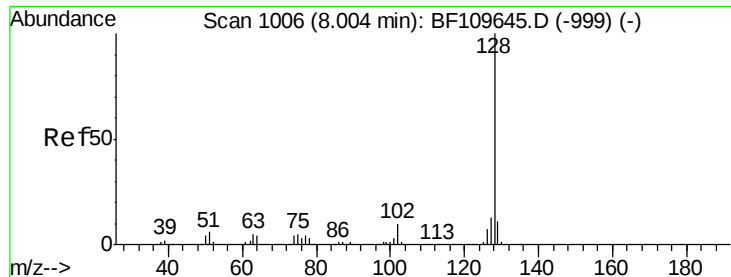
#30
1,2,4-Trichlorobenzene
Concen: 37.972 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.6	80.3	120.5
145	33.7	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

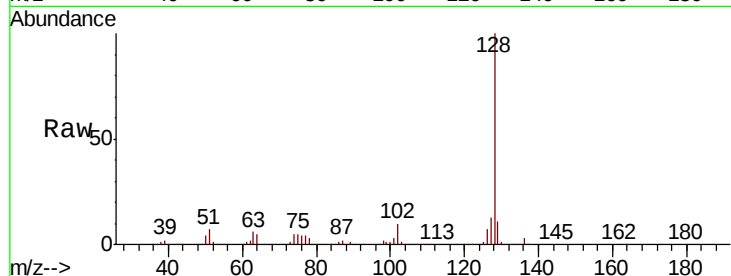




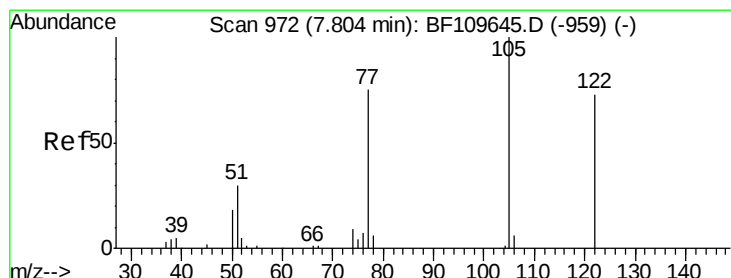
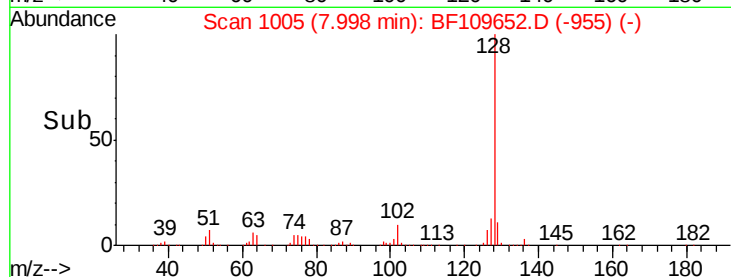
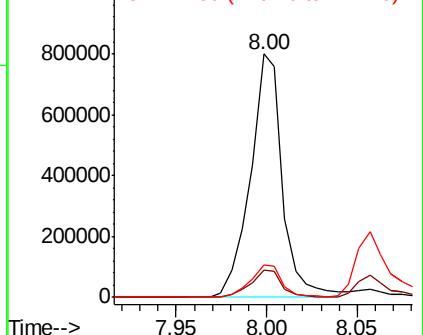
#31
Naphthalene
Concen: 41.580 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Instrument :
BNA_F
ClientSampleId :
PB113362BS

Tgt Ion:128 Resp: 981083
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.2 10.8 16.2

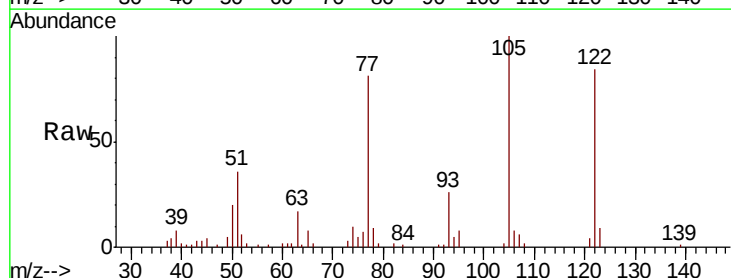


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

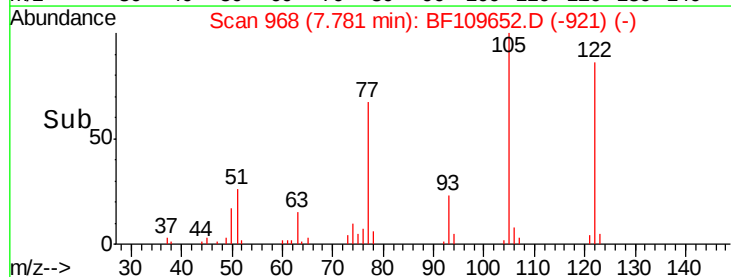
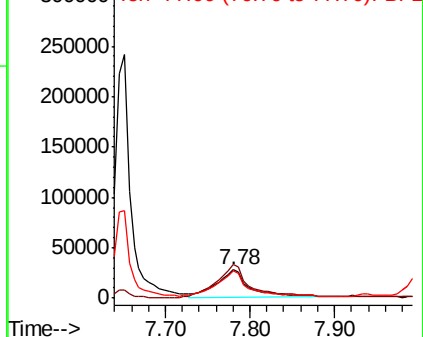


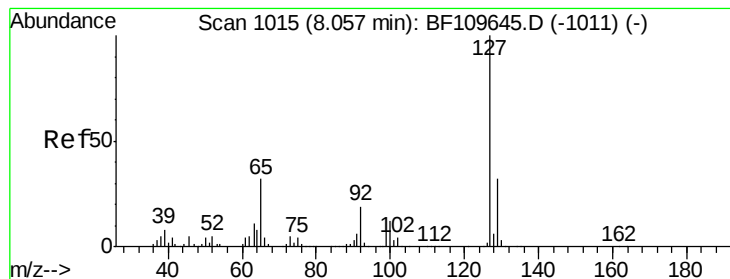
#32
Benzoic acid
Concen: 15.671 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.02 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Tgt Ion:122 Resp: 72884
Ion Ratio Lower Upper
122 100
105 118.4 109.0 149.0
77 95.3 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: 28.932 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

Instrument :

BNA_F

ClientSampleId :

PB113362BS

Tgt Ion:127 Resp: 300618

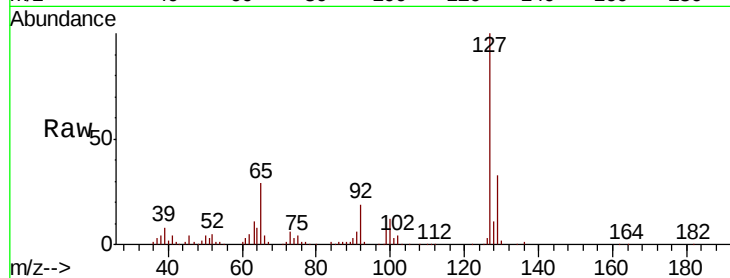
Ion Ratio Lower Upper

127 100

129 33.1 26.0 39.0

65 29.0 25.1 37.7

92 18.7 15.0 22.6

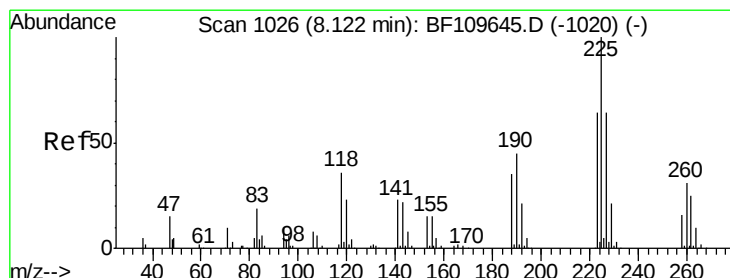
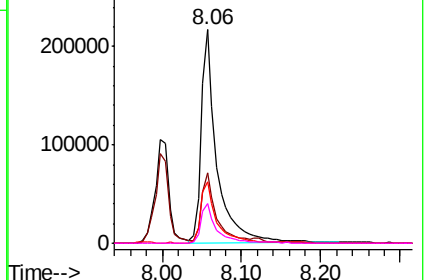
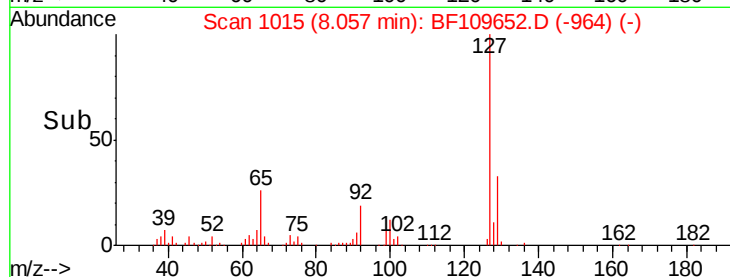


Abundance Ion 127.00 (126.70 to 127.70): E

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: 37.464 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

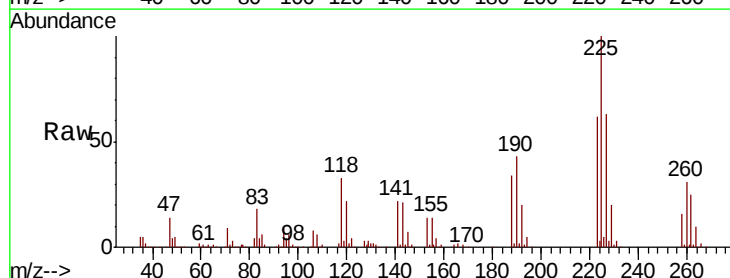
Tgt Ion:225 Resp: 188155

Ion Ratio Lower Upper

225 100

223 61.7 51.4 77.2

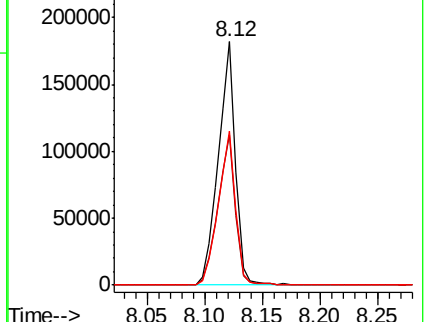
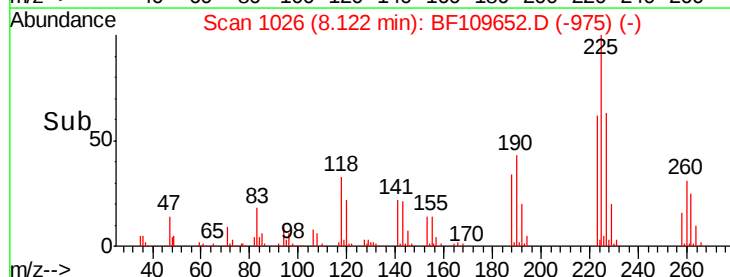
227 63.2 51.0 76.6

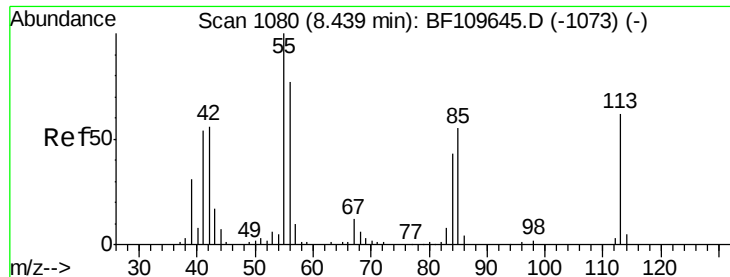


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

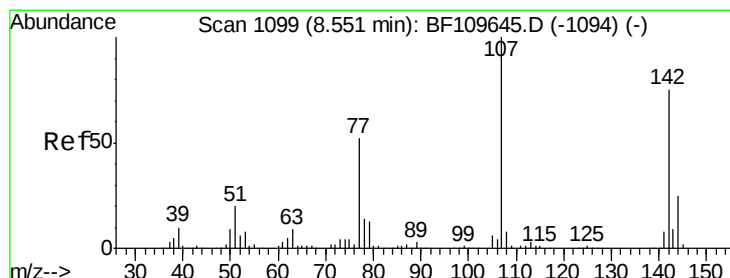
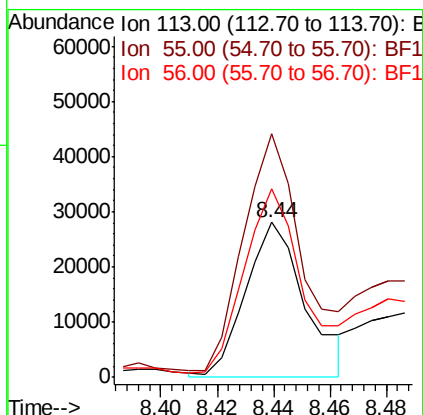
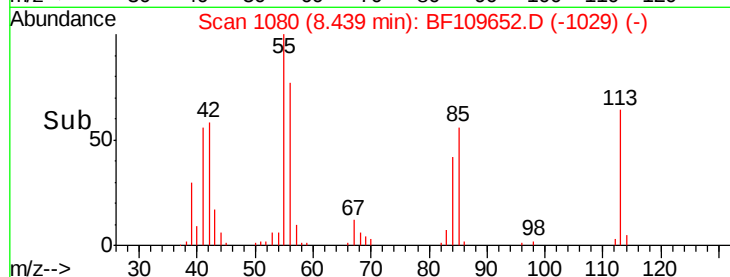
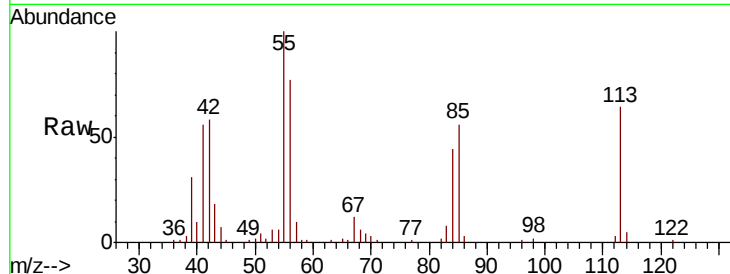




#35
 Caprolactam
 Concen: 18.645 ng
 RT: 8.44 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

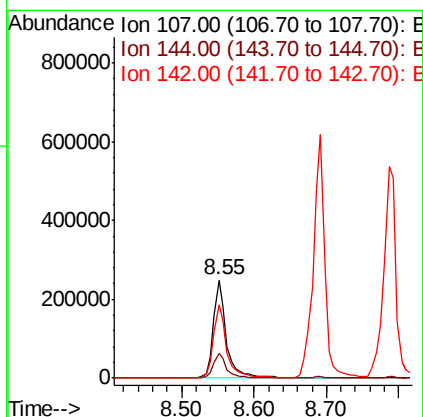
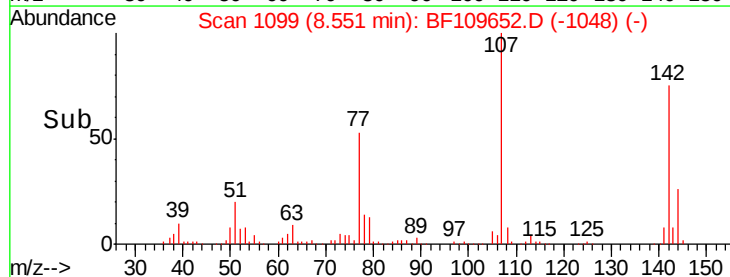
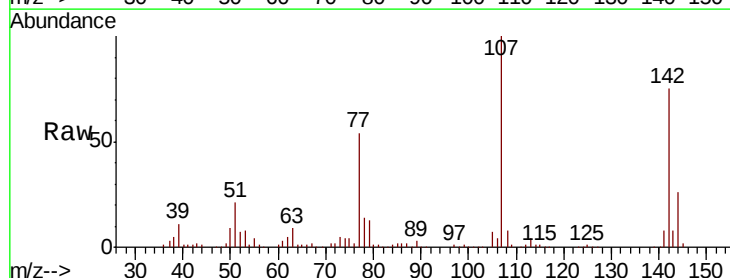
Instrument :
 BNA_F
 ClientSampleId :
 PB113362BS

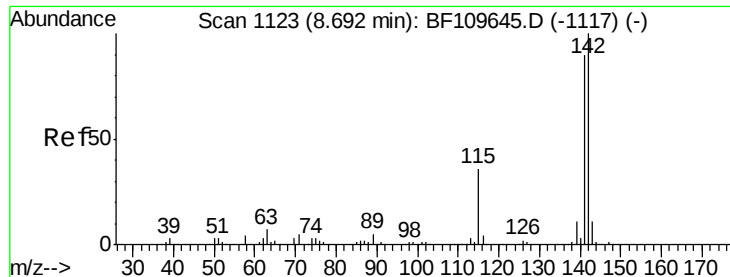
Tgt Ion:113 Resp: 40630
 Ion Ratio Lower Upper
 113 100
 55 157.3 142.8 182.8
 56 121.9 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 40.829 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Tgt Ion:107 Resp: 314474
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.0 30.0
 142 75.1 59.7 89.5

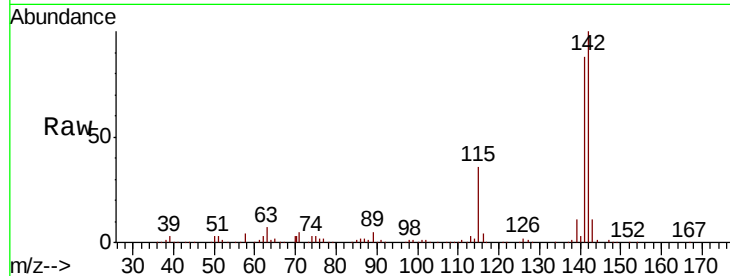




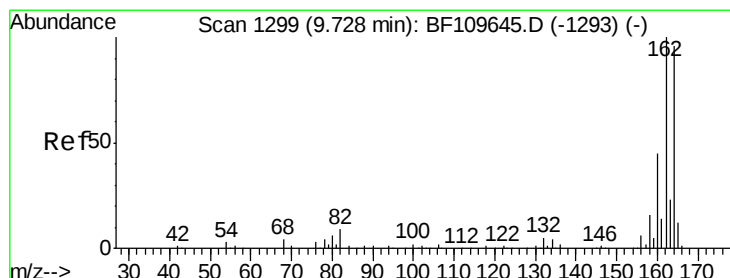
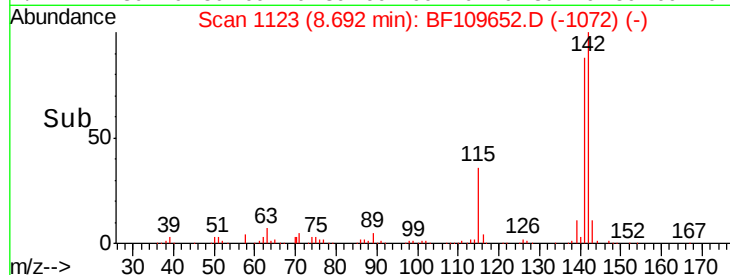
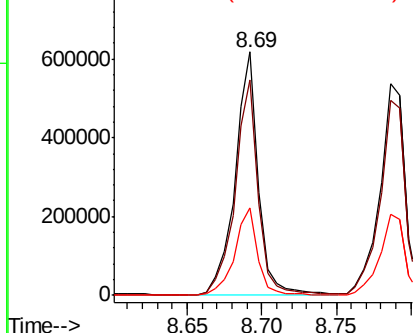
#37
2-Methylnaphthalene
Concen: 43.601 ng
RT: 8.69 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Instrument :
BNA_F
ClientSampleId :
PB113362BS

Tgt Ion:142 Resp: 673891
Ion Ratio Lower Upper
142 100
141 88.3 71.4 107.2
115 35.8 28.7 43.1

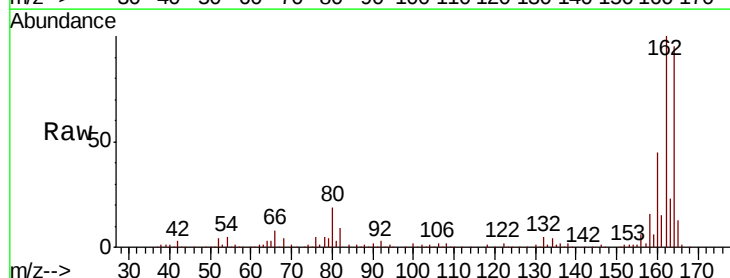


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

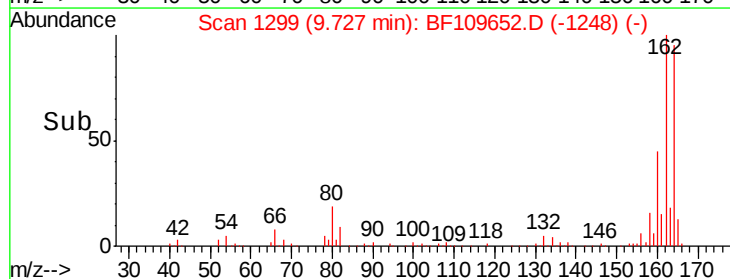
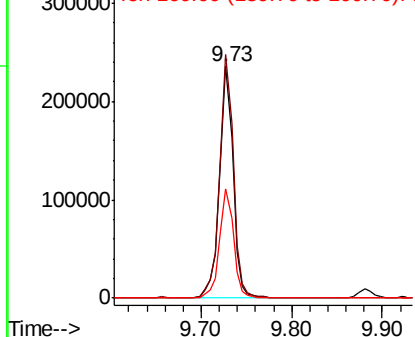


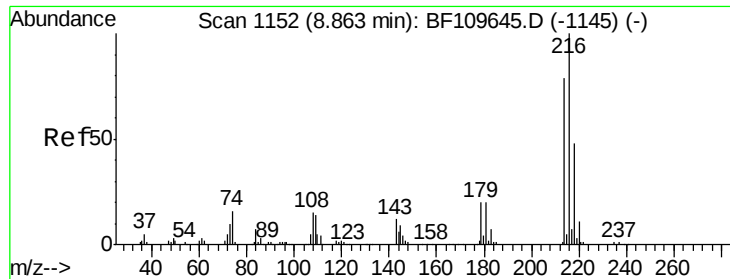
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Tgt Ion:164 Resp: 243392
Ion Ratio Lower Upper
164 100
162 104.9 83.0 124.6
160 47.1 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

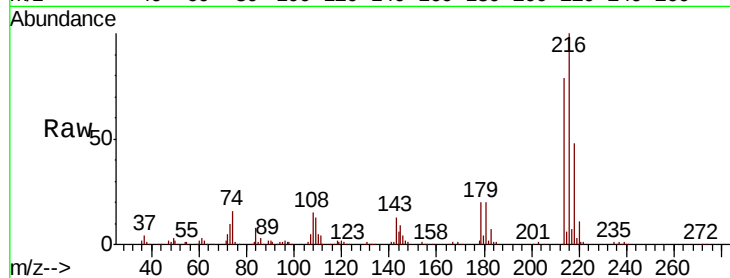




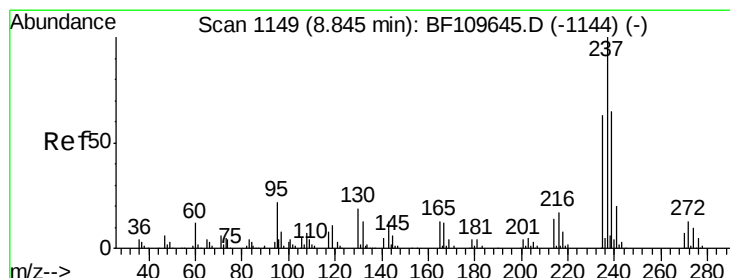
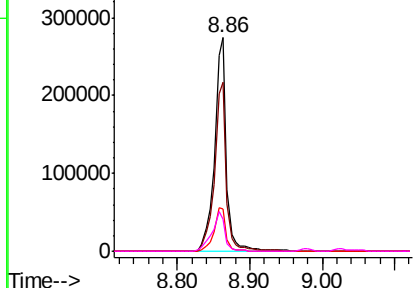
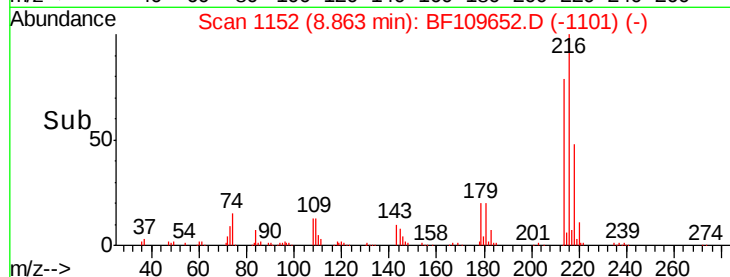
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.185 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB113362BS

Tgt Ion:	216	Resp:	308084
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.8	95.6
179	20.7	16.6	25.0
108	21.0	15.1	22.7

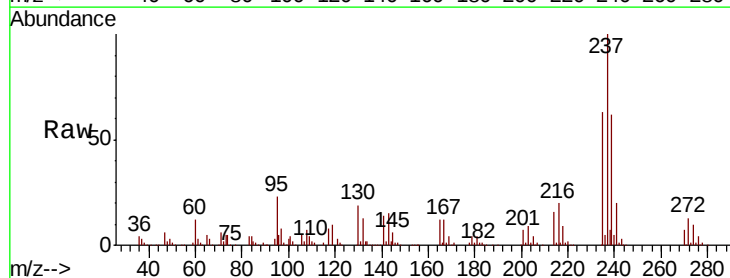


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

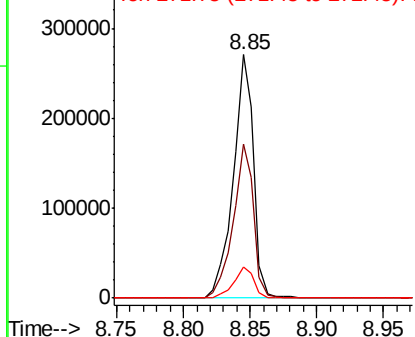
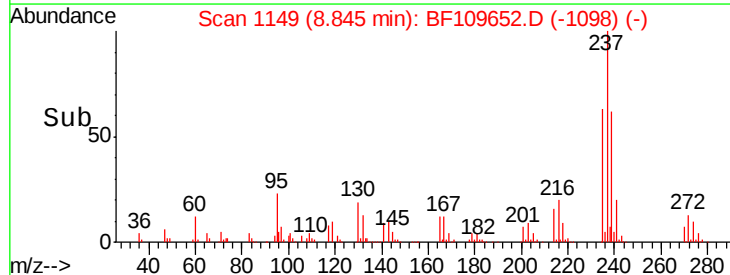


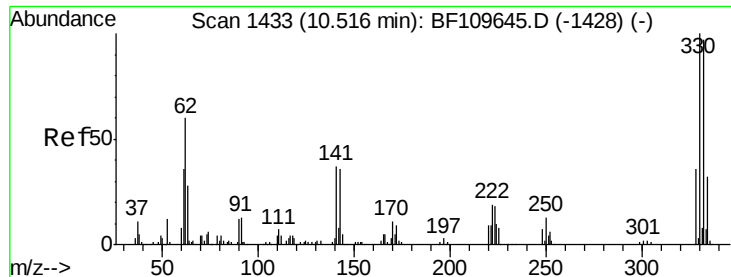
#40
 Hexachlorocyclopentadiene
 Concen: 79.517 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Tgt Ion:	237	Resp:	288296
Ion	Ratio	Lower	Upper
237	100		
235	63.4	43.1	83.1
272	12.7	0.0	32.6



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

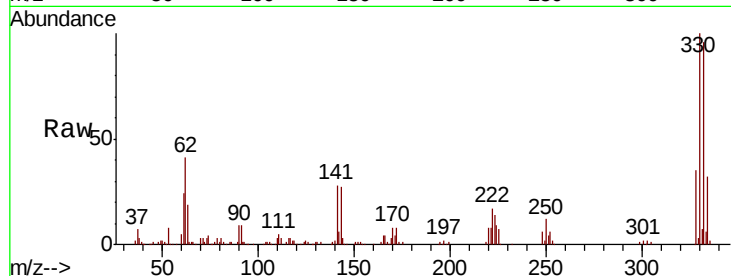




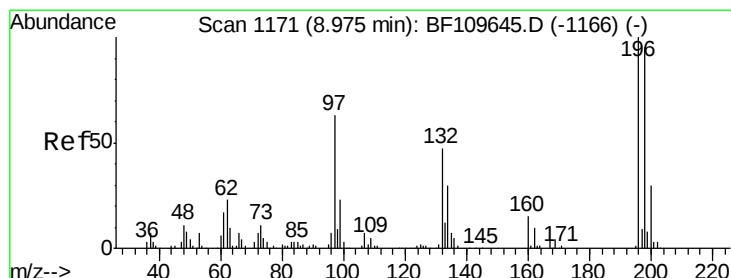
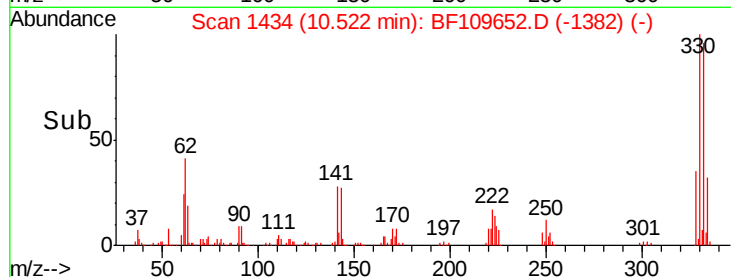
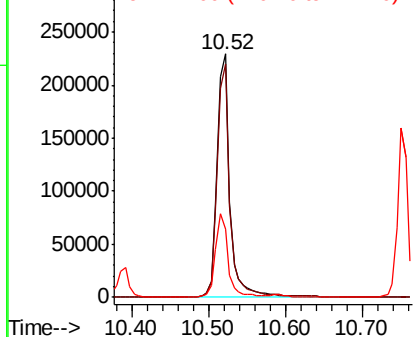
#41
 2,4,6-Tribromophenol
 Concen: 98.701 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB113362BS

Tgt Ion:330 Resp: 261756
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.1 115.7
 141 33.7 27.0 40.4

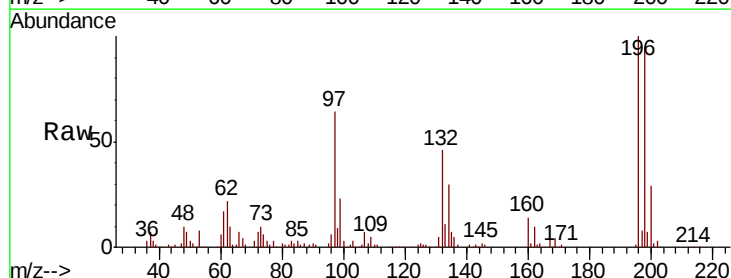


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

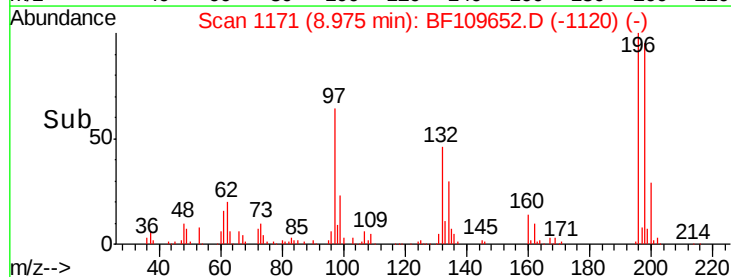
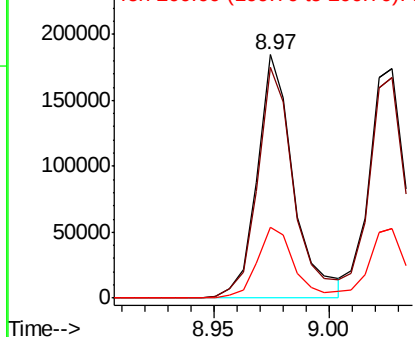


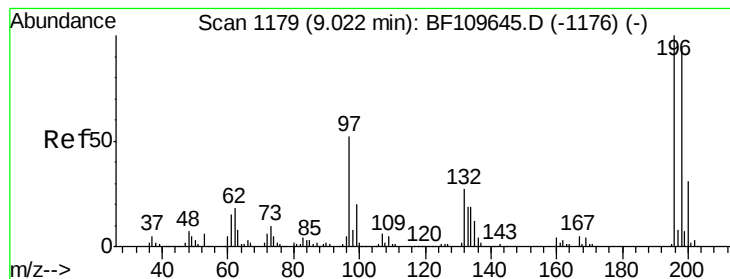
#42
 2,4,6-Trichlorophenol
 Concen: 40.914 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Tgt Ion:196 Resp: 202641
 Ion Ratio Lower Upper
 196 100
 198 94.8 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: 38.302 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.01 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

Instrument :

BNA_F

ClientSampleId :

PB113362BS

Tgt Ion:196 Resp: 218117

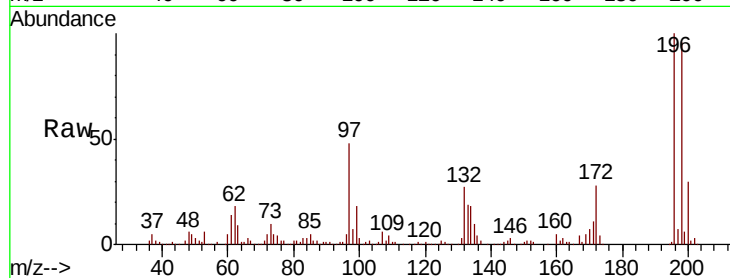
Ion Ratio Lower Upper

196 100

198 96.0 75.8 113.6

97 48.4 42.4 63.6

132 27.2 22.8 34.2

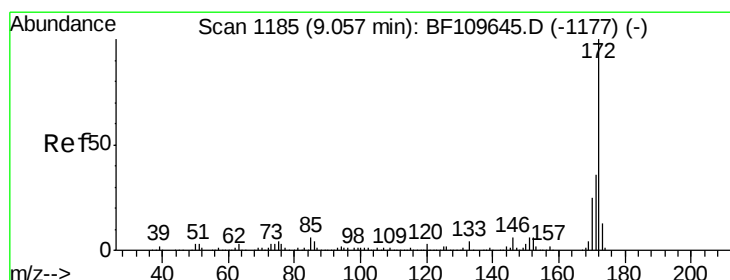
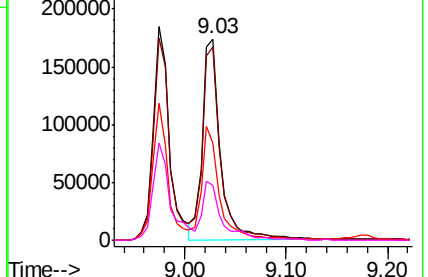
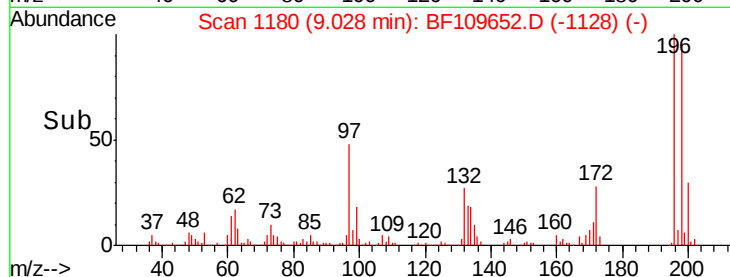


Abundance Ion 196.00 (195.70 to 196.70): E

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: 68.165 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

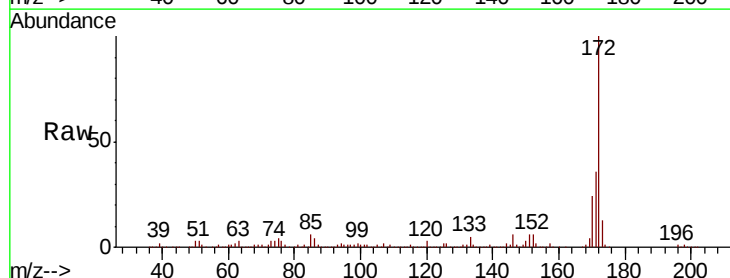
Tgt Ion:172 Resp: 1204630

Ion Ratio Lower Upper

172 100

171 36.2 28.6 43.0

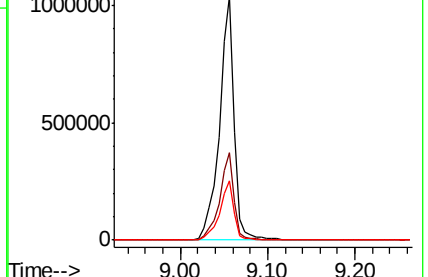
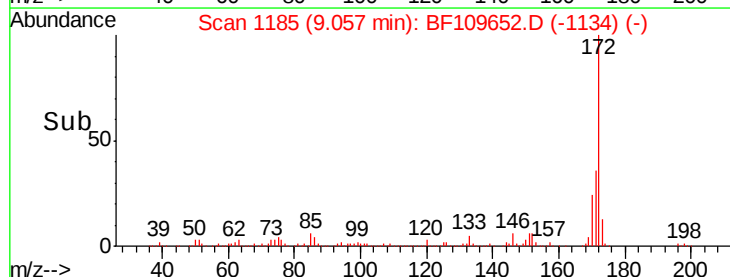
170 24.4 19.7 29.5

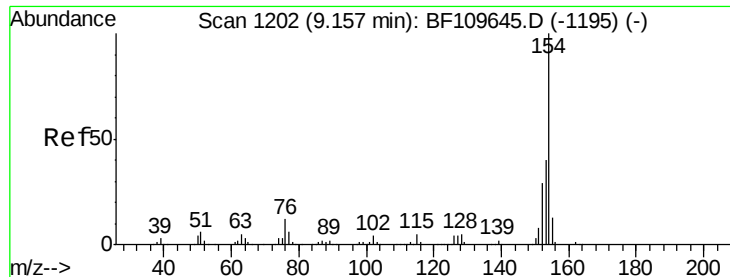


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

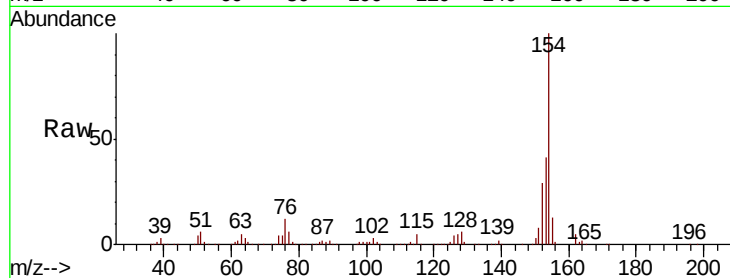




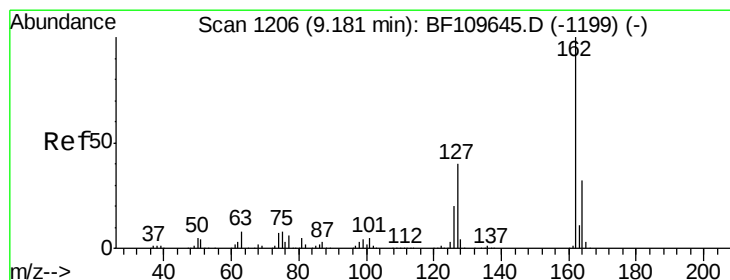
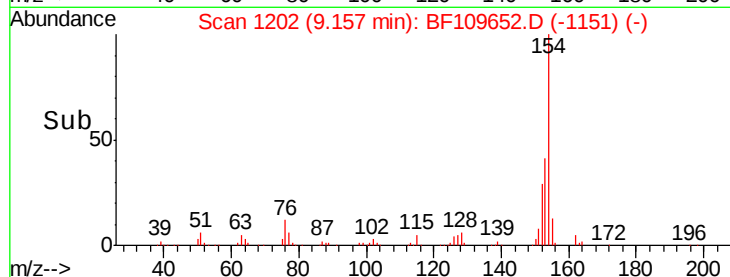
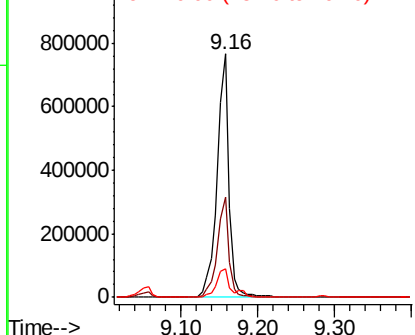
#45
 1,1'-Biphenyl
 Concen: 36.947 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB113362BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.4	60.4
76	11.7	0.0	31.9

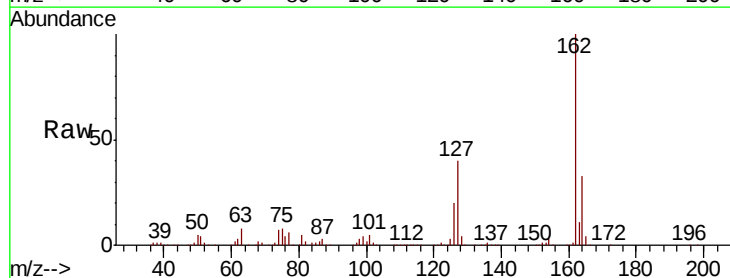


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

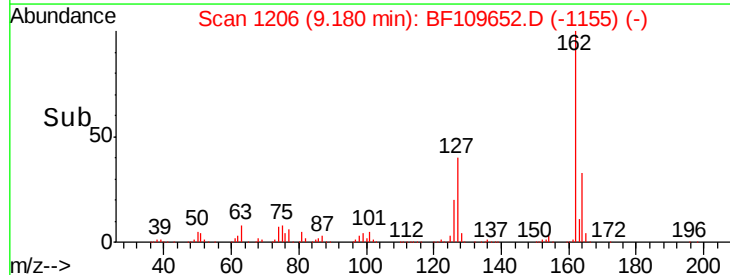
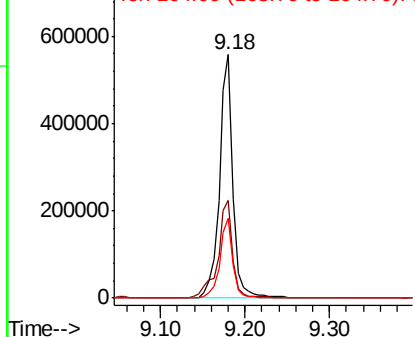


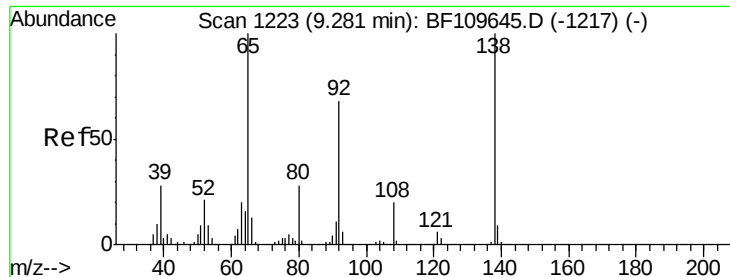
#46
 2-Chloronaphthalene
 Concen: 38.365 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.4	32.6	48.8
164	32.6	25.9	38.9



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.809 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

Instrument :

BNA_F

ClientSampleId :

PB113362BS

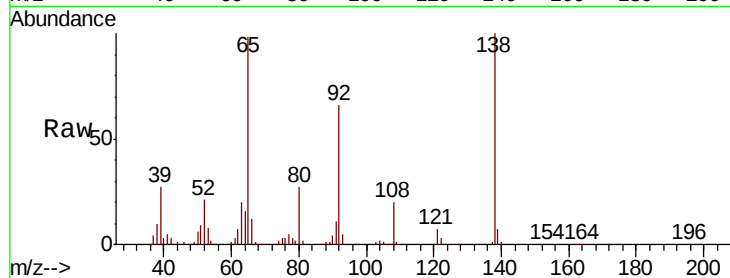
Tgt Ion: 65 Resp: 196357

Ion Ratio Lower Upper

65 100

92 67.8 54.6 81.8

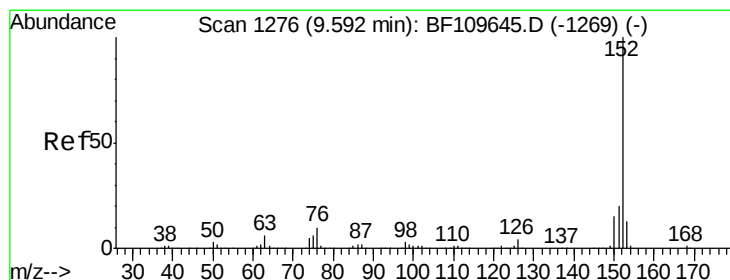
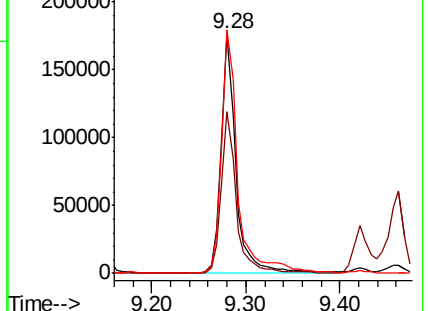
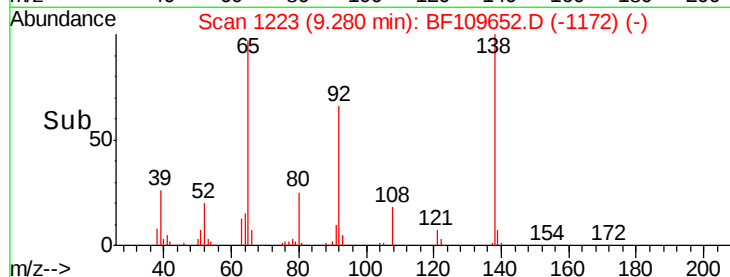
138 102.0 80.3 120.5



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: 40.777 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

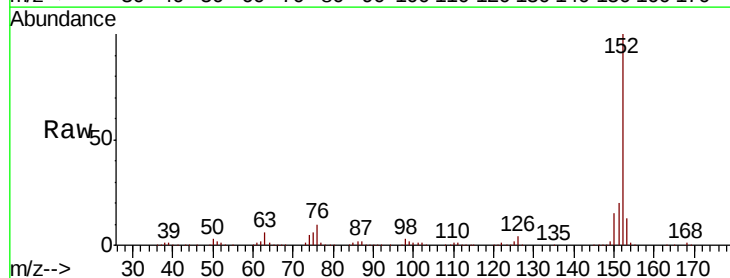
Tgt Ion: 152 Resp: 968407

Ion Ratio Lower Upper

152 100

151 20.4 15.8 23.8

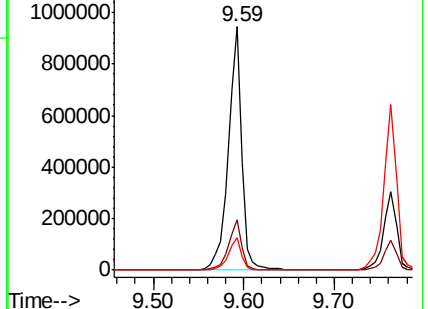
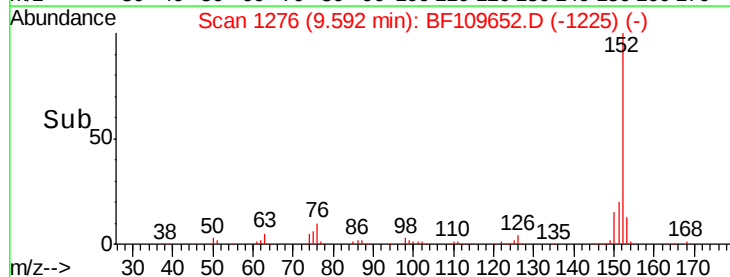
153 13.2 10.4 15.6

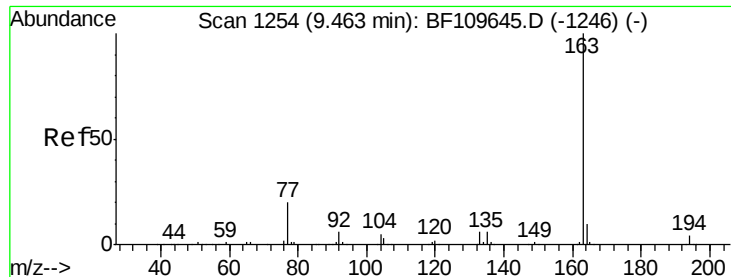


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

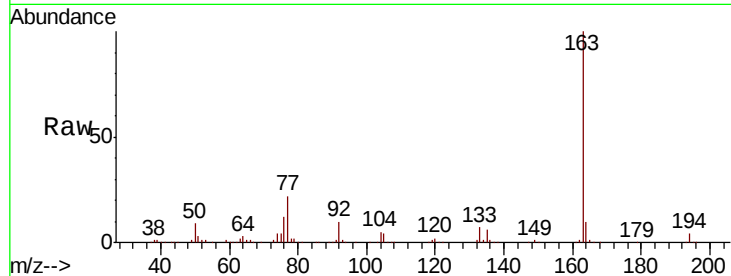




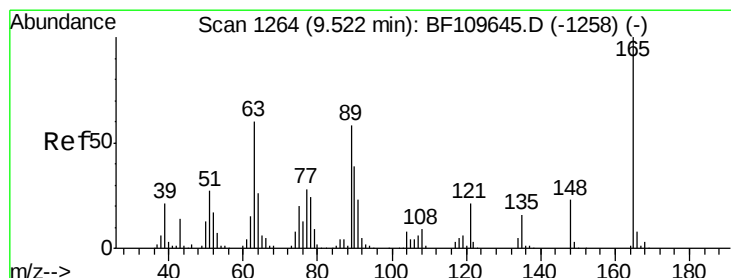
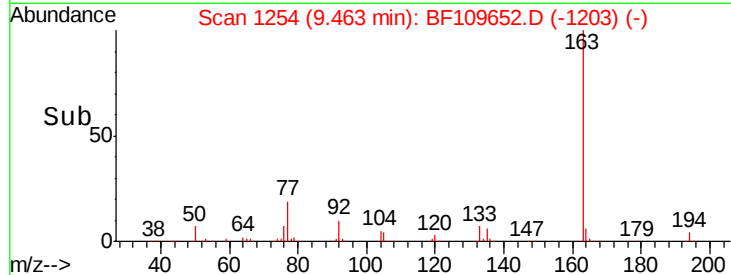
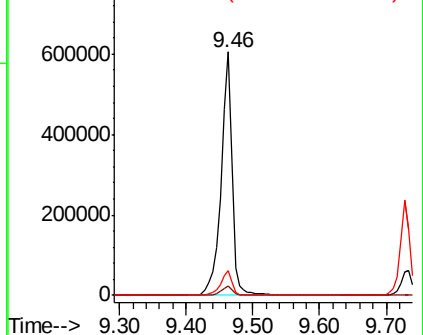
#49
Dimethylphthalate
Concen: 39.950 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Instrument :
BNA_F
ClientSampleId :
PB113362BS

Tgt Ion:163 Resp: 713134
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.2 8.1 12.1

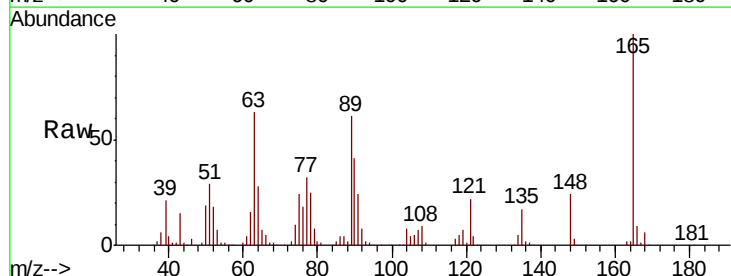


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

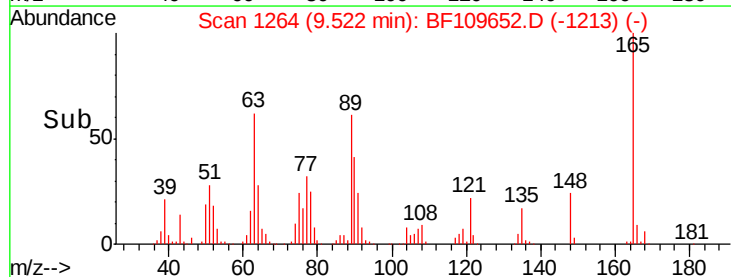
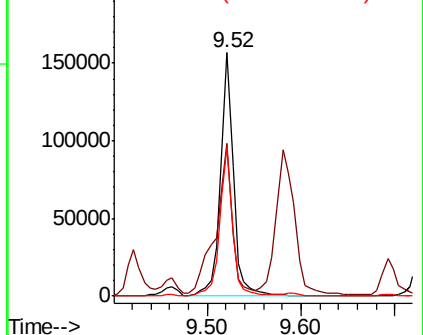


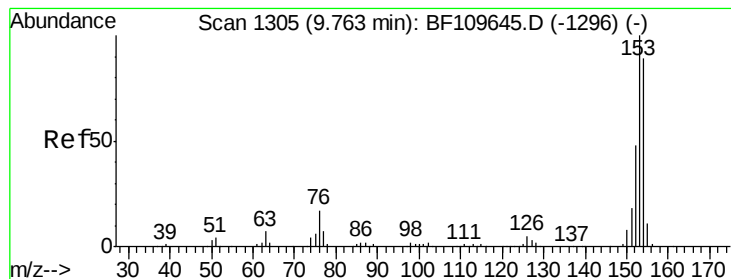
#50
2,6-Dinitrotoluene
Concen: 39.637 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Tgt Ion:165 Resp: 153372
Ion Ratio Lower Upper
165 100
63 62.7 48.9 73.3
89 61.2 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: 39.071 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

Instrument :

BNA_F

ClientSampleId :

PB113362BS

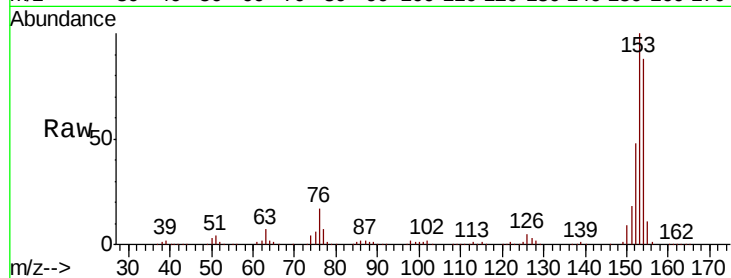
Tgt Ion:154 Resp: 550049

Ion Ratio Lower Upper

154 100

153 113.2 90.1 135.1

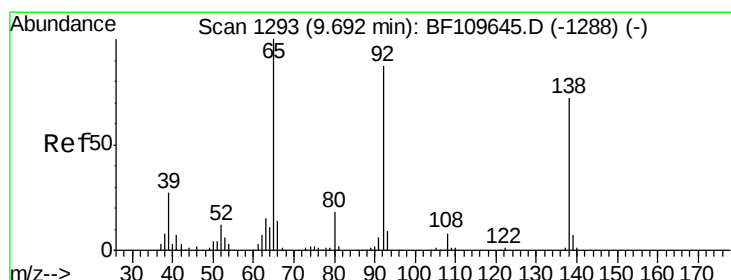
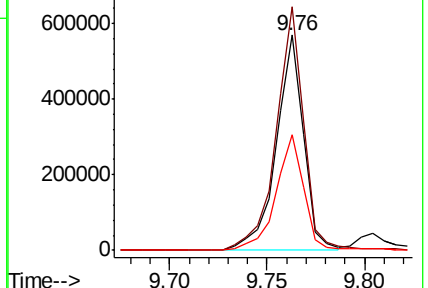
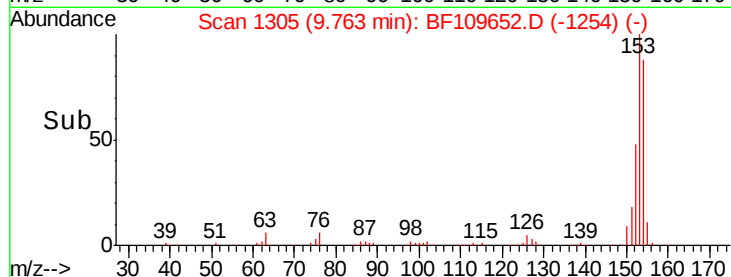
152 53.8 43.4 65.2



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: 30.638 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

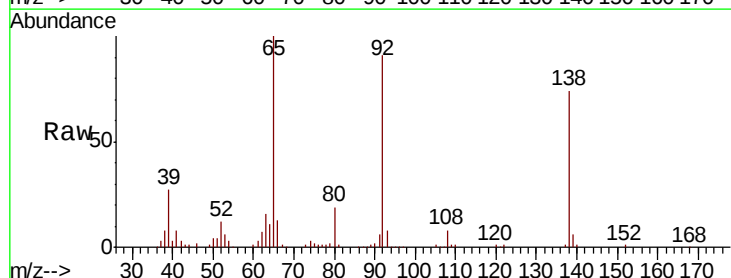
Tgt Ion:138 Resp: 132892

Ion Ratio Lower Upper

138 100

108 11.4 8.7 13.1

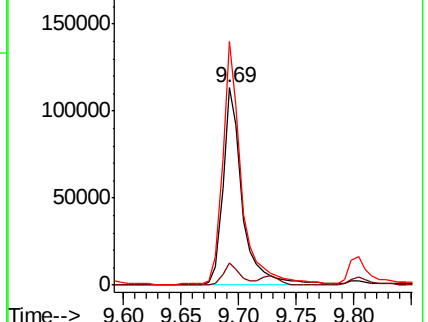
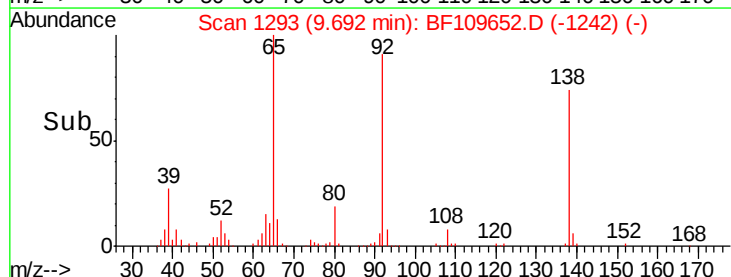
92 123.3 97.0 145.4

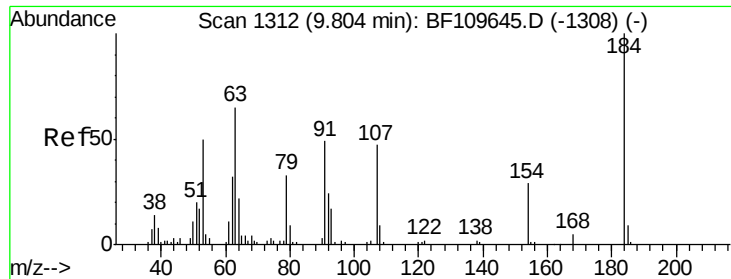


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

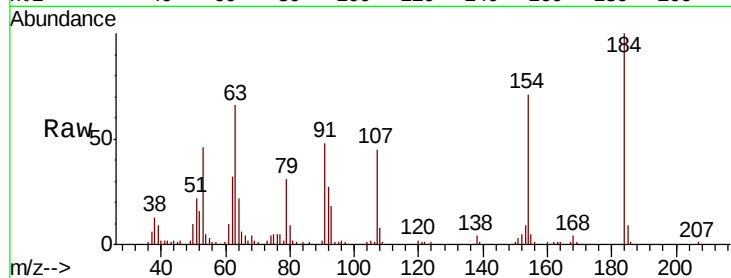




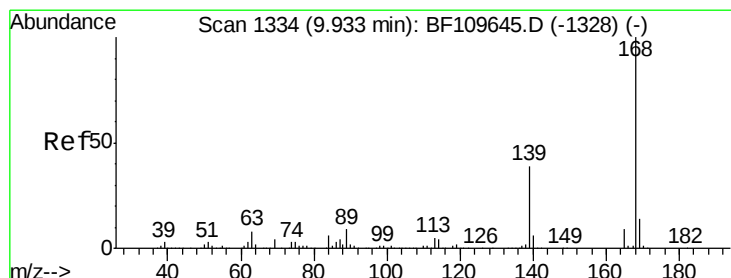
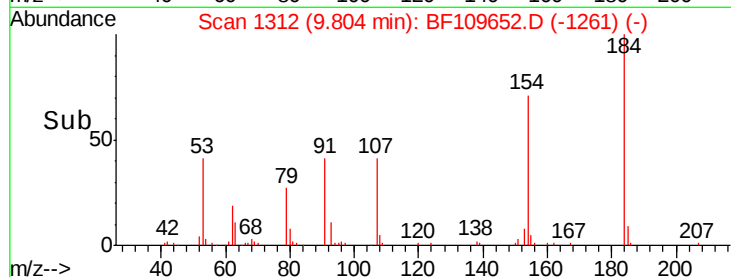
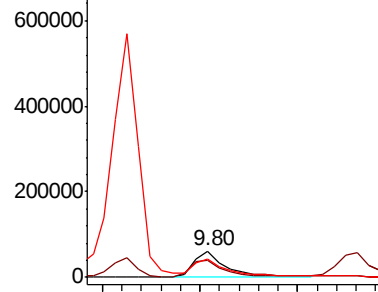
#53
2,4-Dinitrophenol
Concen: 58.406 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Instrument :
BNA_F
ClientSampleId :
PB113362BS

Tgt Ion:184 Resp: 72914
Ion Ratio Lower Upper
184 100
63 65.8 55.8 83.6
154 71.2 63.2 94.8

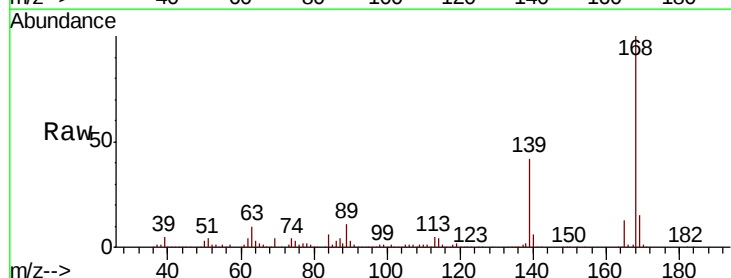


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

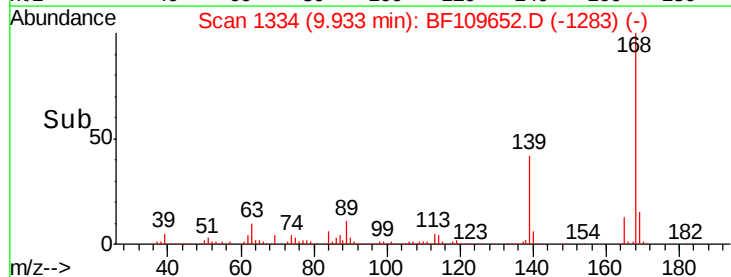
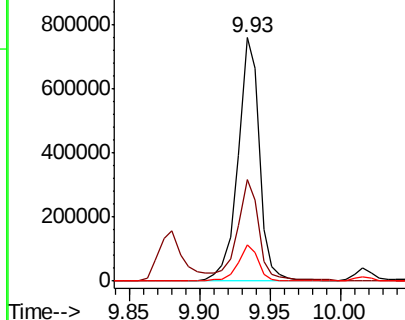


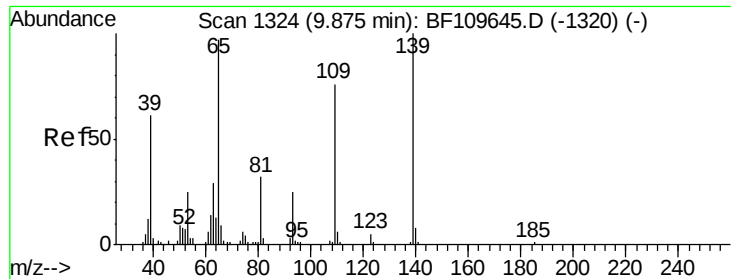
#54
Dibenzofuran
Concen: 38.451 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Tgt Ion:168 Resp: 811423
Ion Ratio Lower Upper
168 100
139 41.6 33.0 49.6
169 14.8 11.3 16.9



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

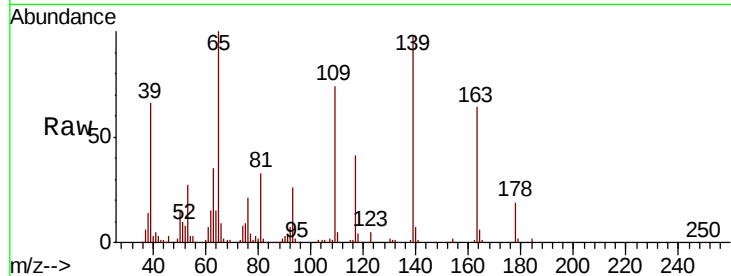




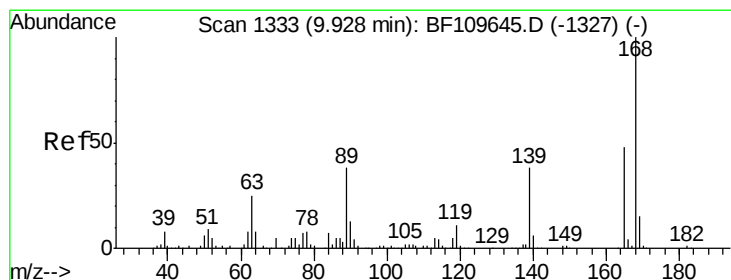
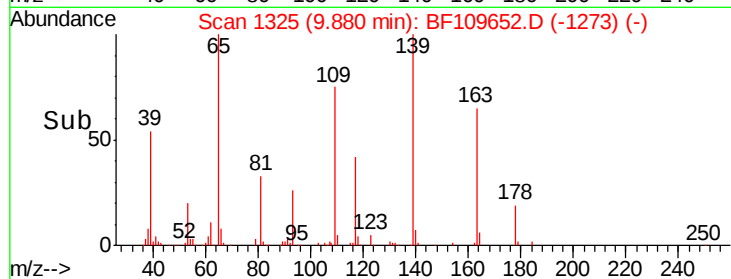
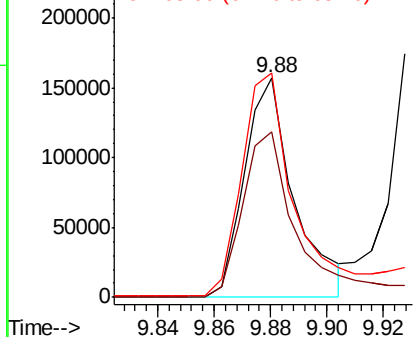
#55
4-Nitrophenol
Concen: 80.678 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Instrument :
BNA_F
ClientSampleId :
PB113362BS

Tgt Ion:139 Resp: 191543
Ion Ratio Lower Upper
139 100
109 75.6 55.8 95.8
65 102.4 77.9 117.9



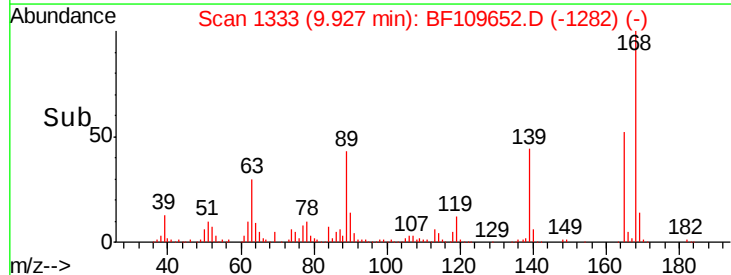
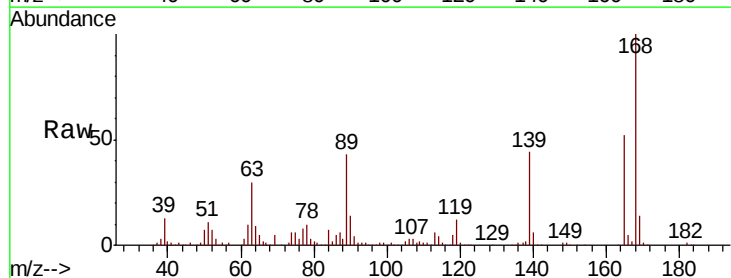
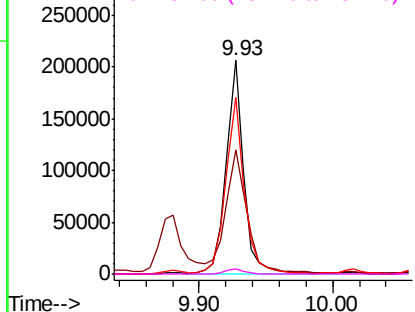
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

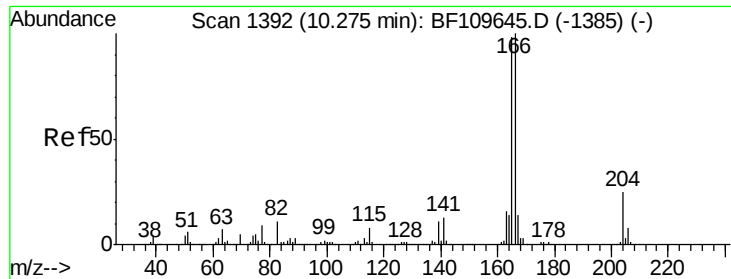


#56
2,4-Dinitrotoluene
Concen: 39.356 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Tgt Ion:165 Resp: 190045
Ion Ratio Lower Upper
165 100
63 58.2 44.8 67.2
89 82.5 62.2 93.4
182 2.5 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

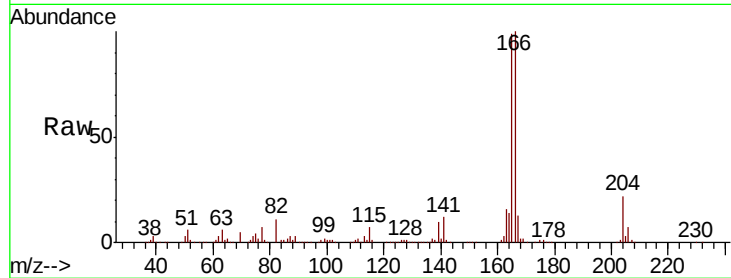




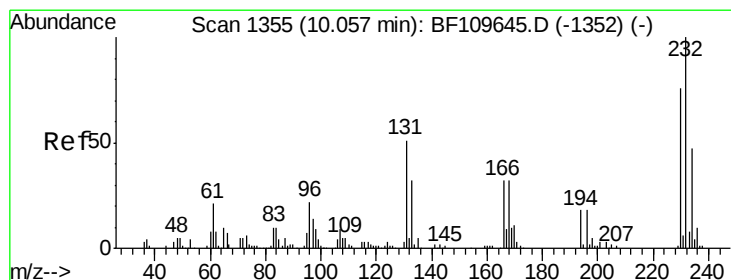
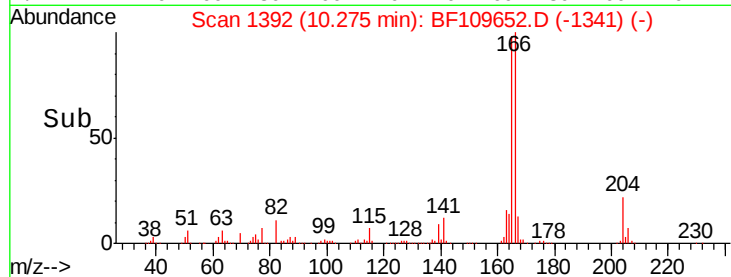
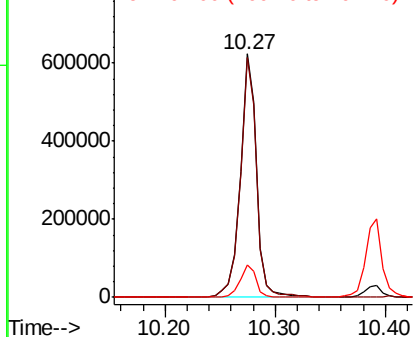
#57
 Fluorene
 Concen: 40.879 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB113362BS

Tgt Ion:166 Resp: 644218
 Ion Ratio Lower Upper
 166 100
 165 98.5 78.6 117.8
 167 13.3 10.8 16.2

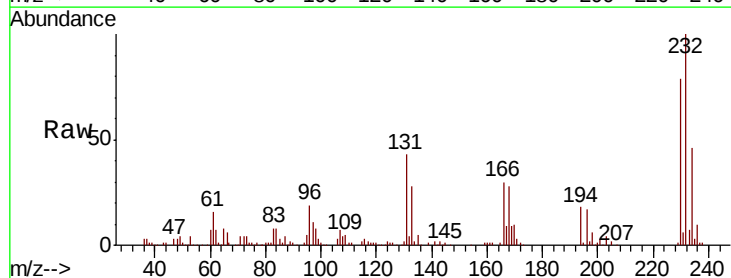


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

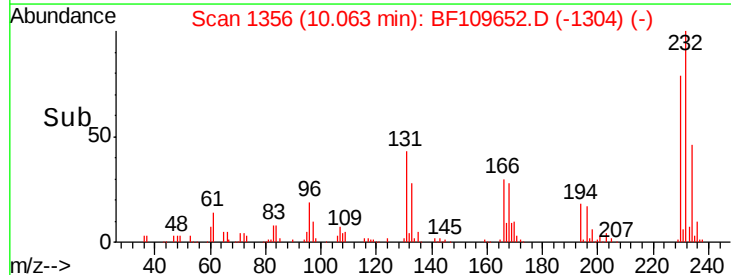
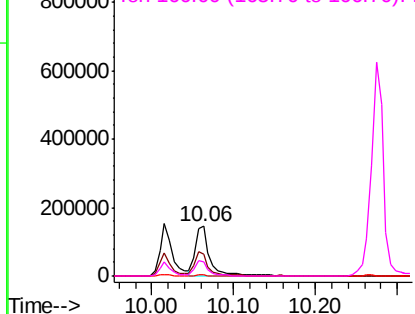


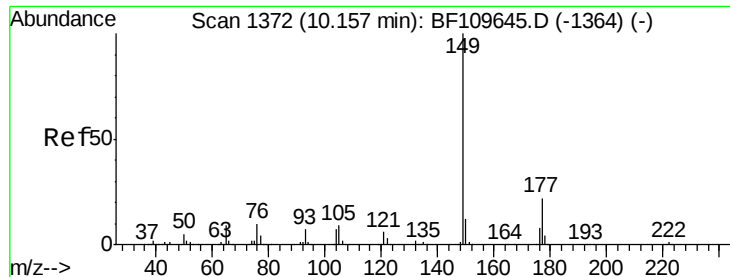
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.304 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.01 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Tgt Ion:232 Resp: 177313
 Ion Ratio Lower Upper
 232 100
 131 47.1 37.0 55.4
 130 2.3 1.8 2.6
 166 29.7 22.0 33.0



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

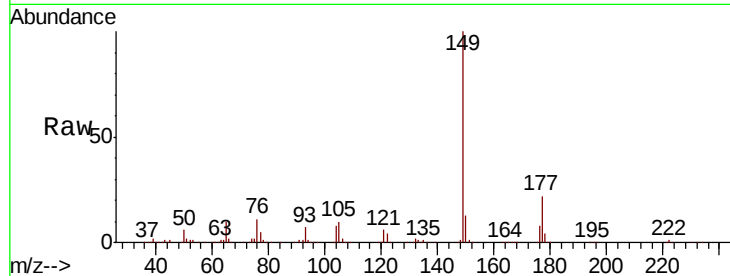




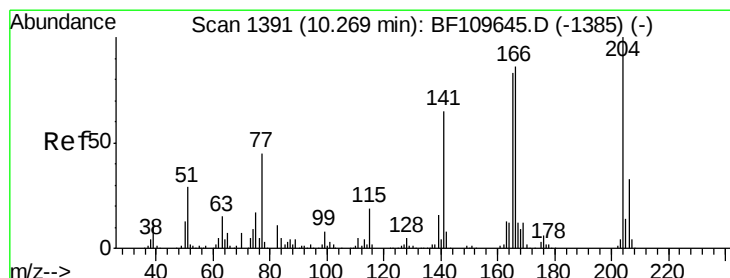
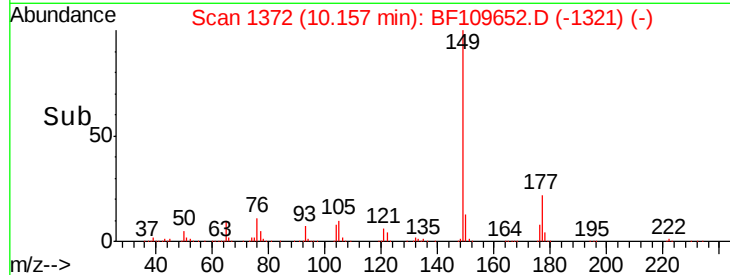
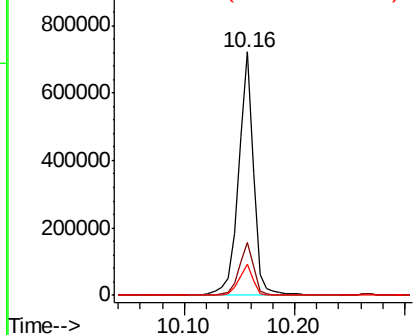
#59
Diethylphthalate
Concen: 38.994 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Instrument :
BNA_F
ClientSampleId :
PB113362BS

Tgt Ion:149 Resp: 689671
Ion Ratio Lower Upper
149 100
177 21.6 17.4 26.2
150 12.5 9.8 14.8

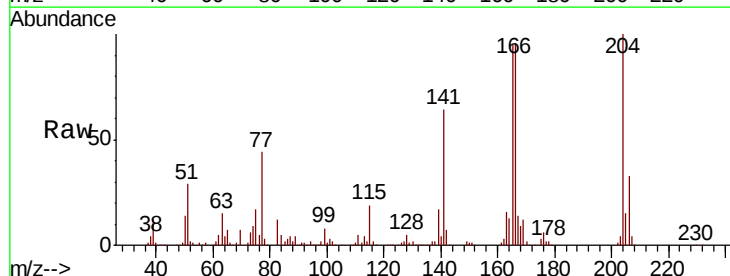


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

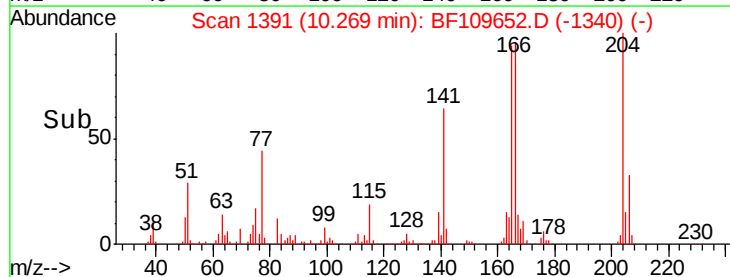
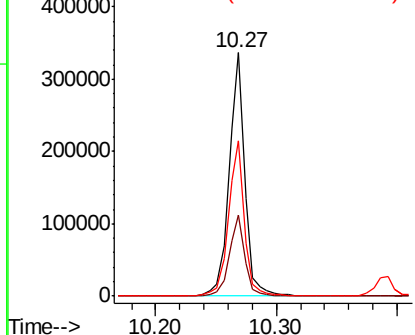


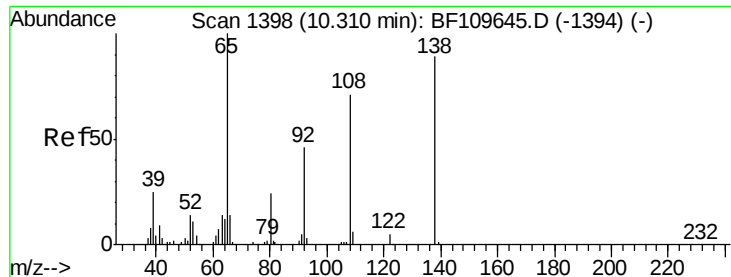
#60
4-Chlorophenyl-phenylether
Concen: 36.529 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Tgt Ion:204 Resp: 303699
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 63.8 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

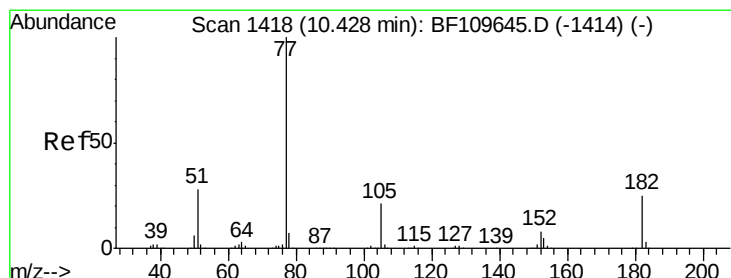
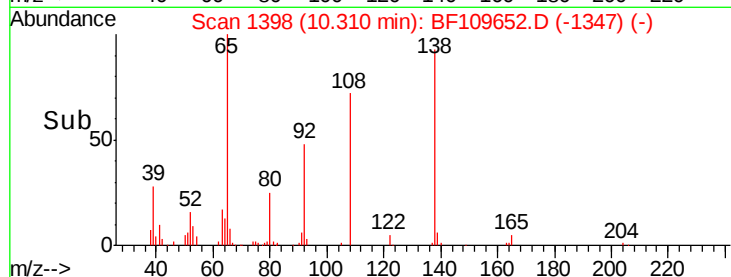
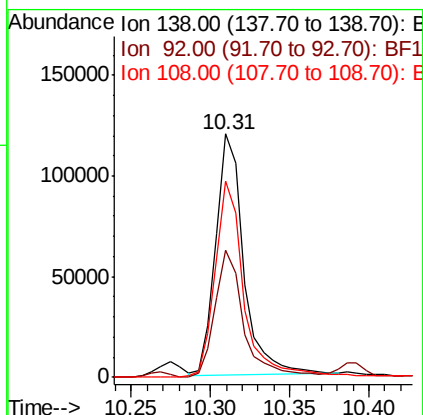
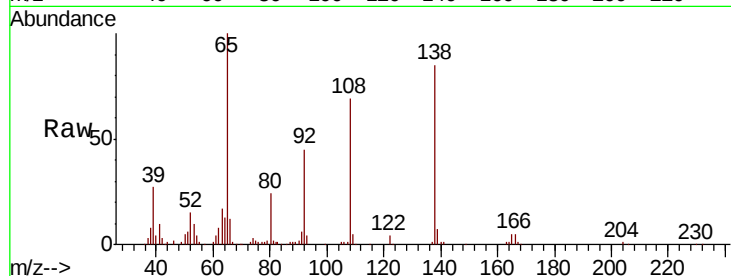




#61
4-Nitroaniline
Concen: 36.627 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

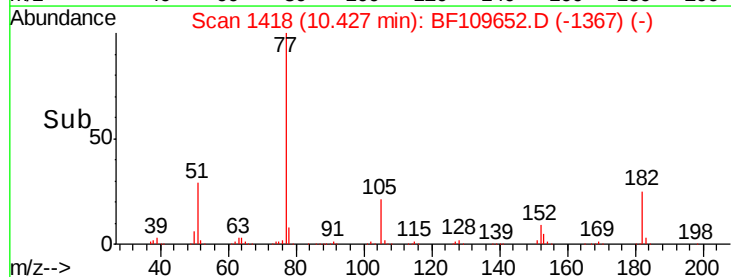
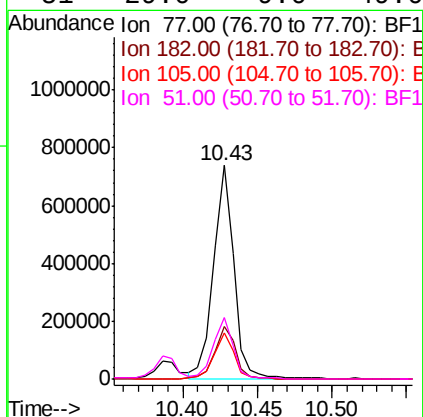
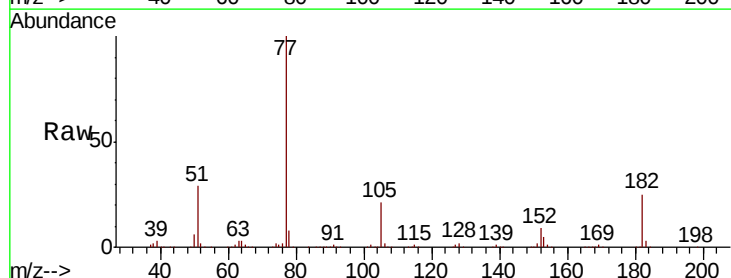
Instrument :
BNA_F
ClientSampleId :
PB113362BS

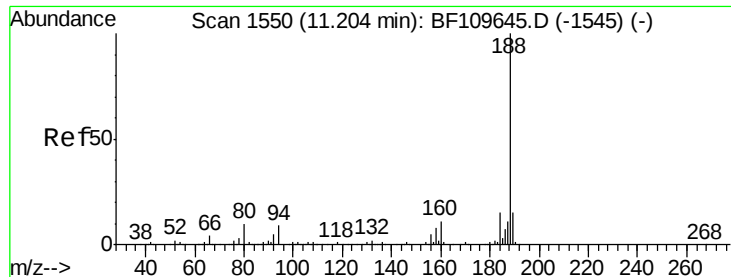
Tgt Ion: 138 Resp: 147125
Ion Ratio Lower Upper
138 100
92 52.4 31.7 71.7
108 80.7 59.3 99.3



#62
Azobenzene
Concen: 38.719 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Tgt Ion: 77 Resp: 695411
Ion Ratio Lower Upper
77 100
182 24.8 4.3 44.3
105 21.4 1.3 41.3
51 29.0 9.0 49.0

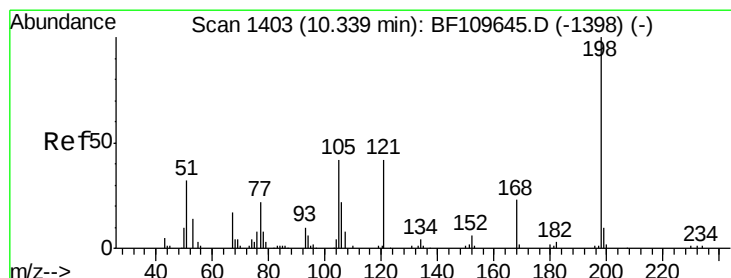
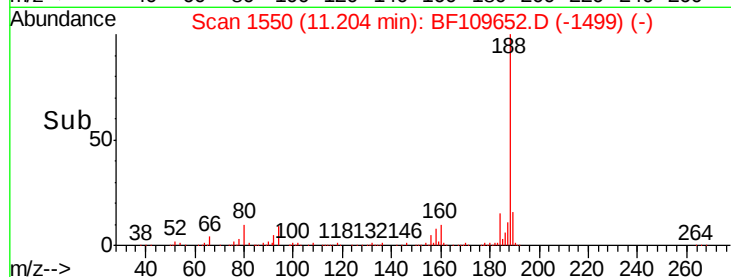
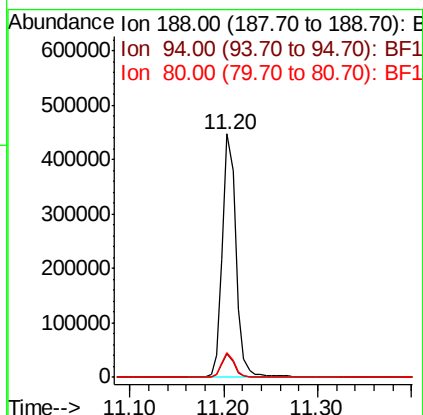
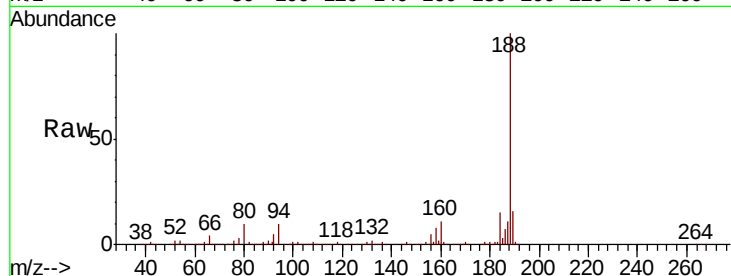




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

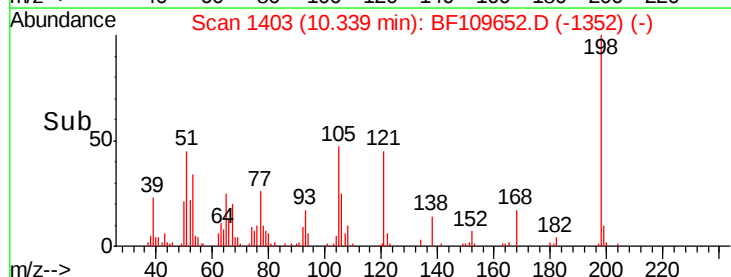
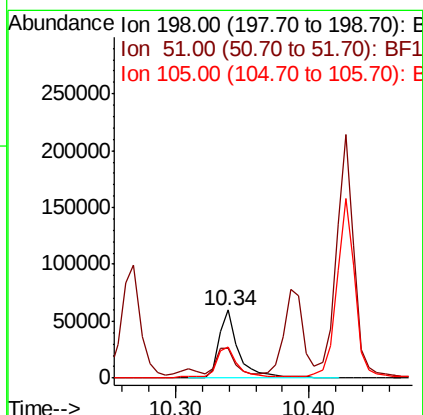
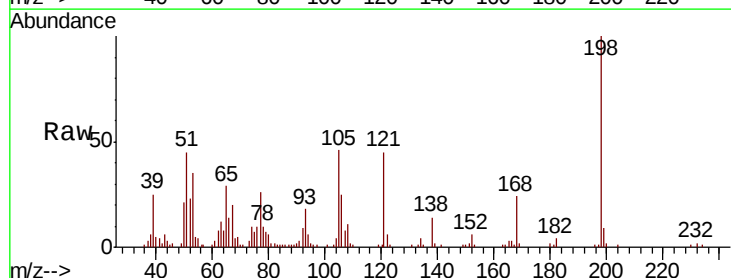
Instrument :
BNA_F
ClientSampleId :
PB113362BS

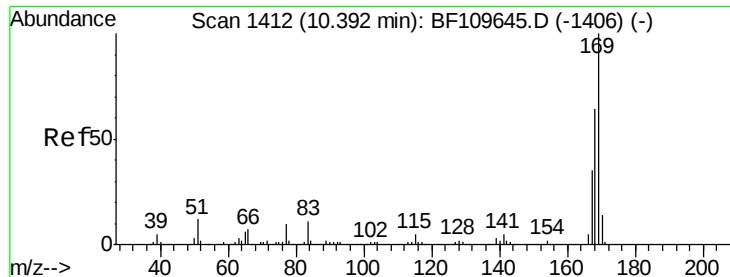
Tgt Ion:188 Resp: 456452
Ion Ratio Lower Upper
188 100
94 9.7 7.2 10.8
80 10.2 7.9 11.9



#64
4,6-Dinitro-2-methylphenol
Concen: 28.327 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Tgt Ion:198 Resp: 62932
Ion Ratio Lower Upper
198 100
51 44.9 22.8 62.8
105 45.8 23.6 63.6

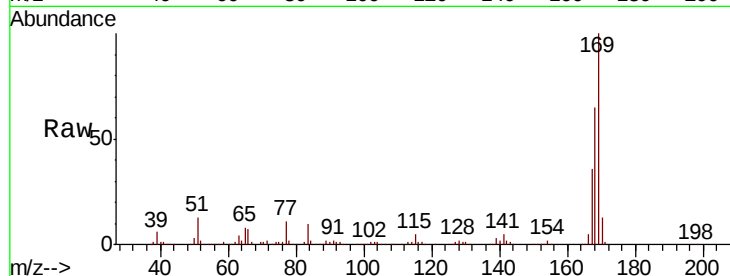




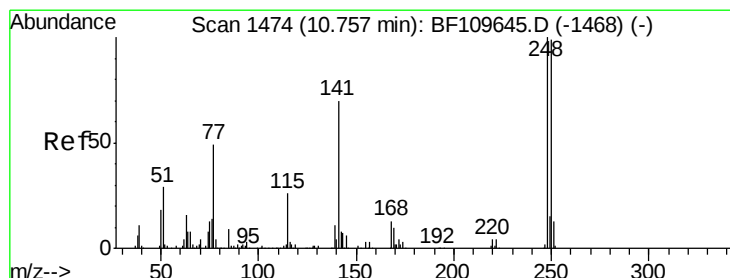
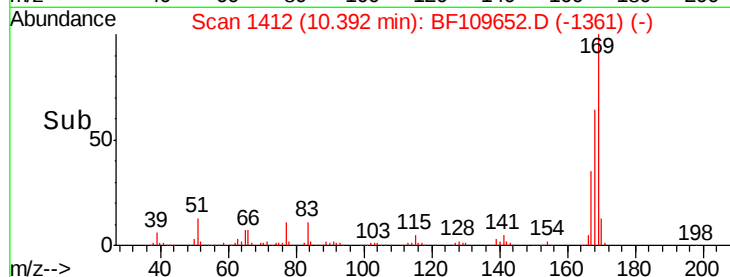
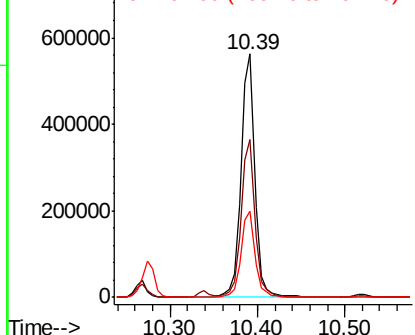
#65
 n-Nitrosodiphenylamine
 Concen: 38.387 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB113362BS

Tgt Ion:169 Resp: 593992
 Ion Ratio Lower Upper
 169 100
 168 64.8 51.2 76.8
 167 35.5 27.8 41.6

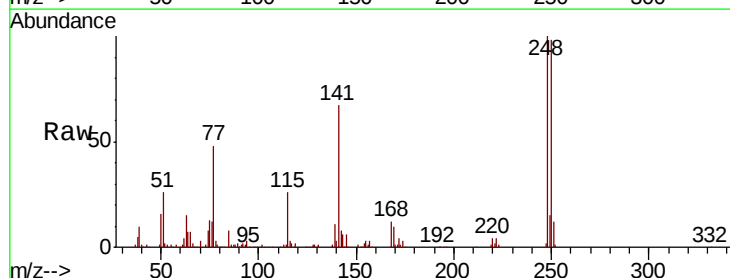


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

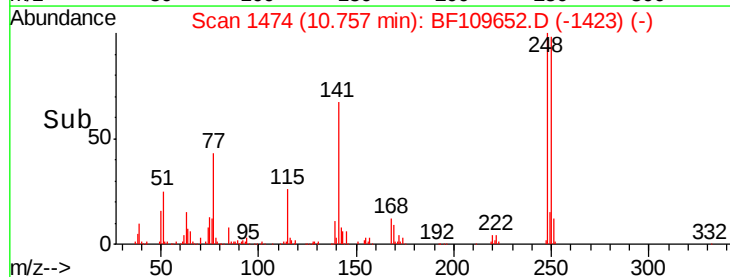
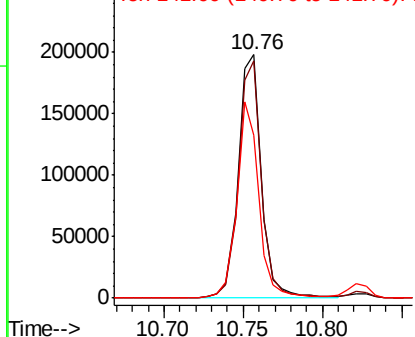


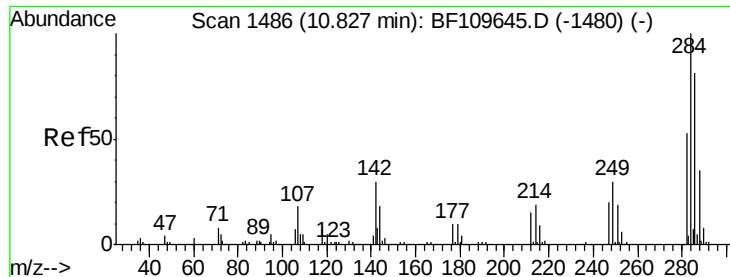
#66
 4-Bromophenyl-phenylether
 Concen: 38.319 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. -0.00 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Tgt Ion:248 Resp: 200974
 Ion Ratio Lower Upper
 248 100
 250 97.6 79.4 119.2
 141 66.8 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

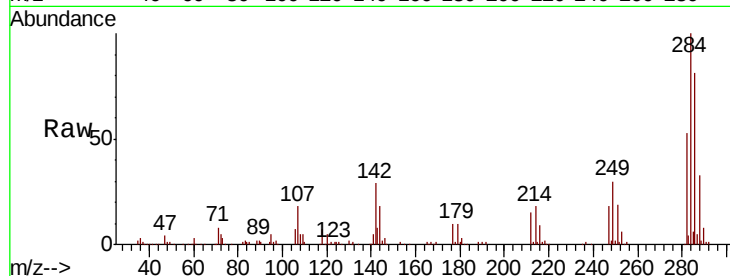




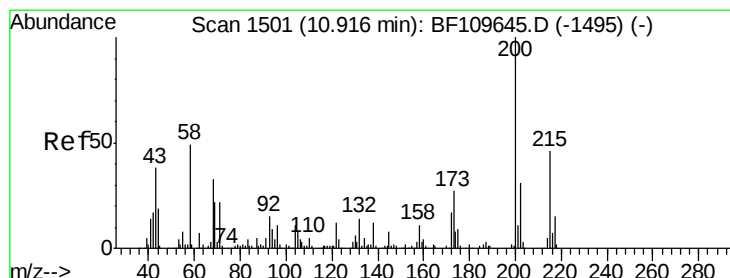
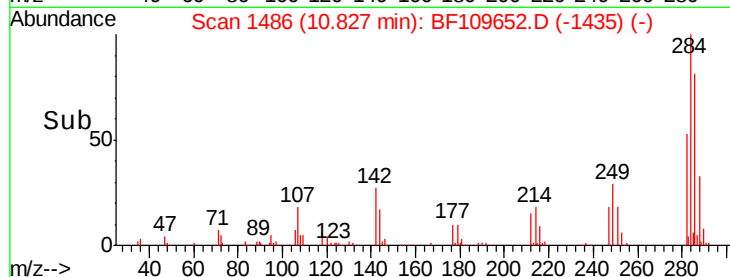
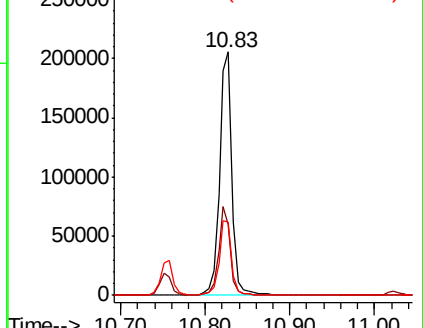
#67
Hexachlorobenzene
Concen: 37.640 ng
RT: 10.83 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Instrument :
BNA_F
ClientSampleId :
PB113362BS

Tgt Ion: 284 Resp: 213768
Ion Ratio Lower Upper
284 100
142 29.0 23.9 35.9
249 30.0 24.2 36.2

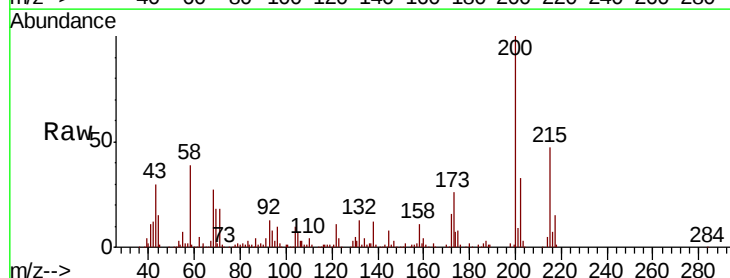


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

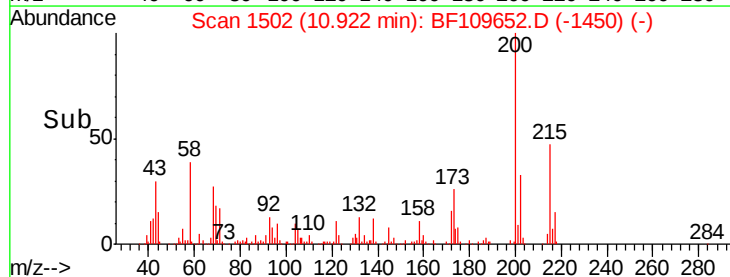
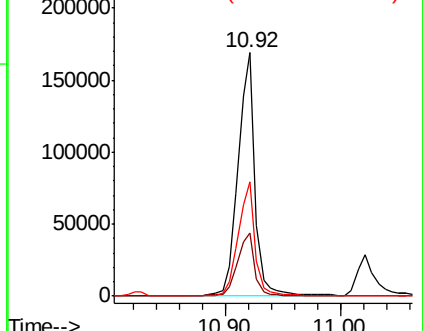


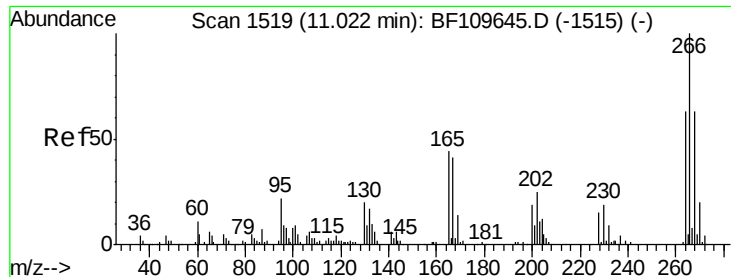
#68
Atrazine
Concen: 35.621 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Tgt Ion: 200 Resp: 172018
Ion Ratio Lower Upper
200 100
173 26.2 6.6 46.6
215 47.0 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

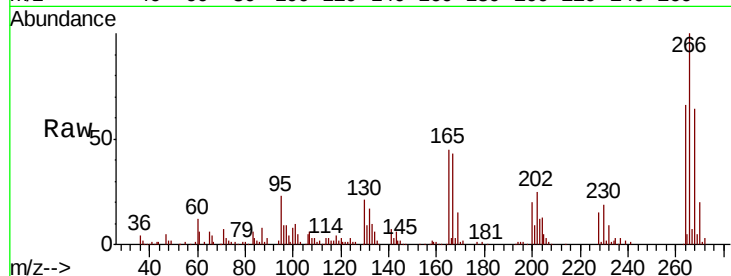




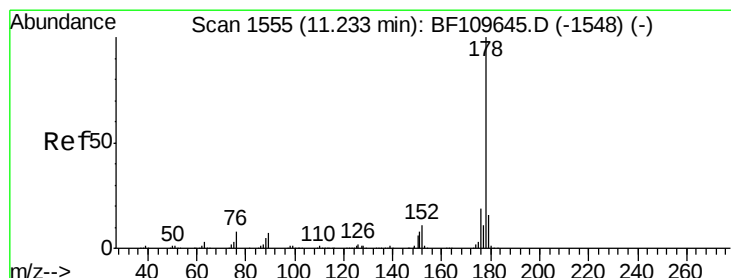
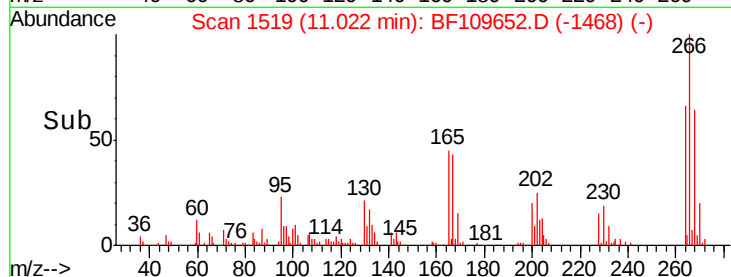
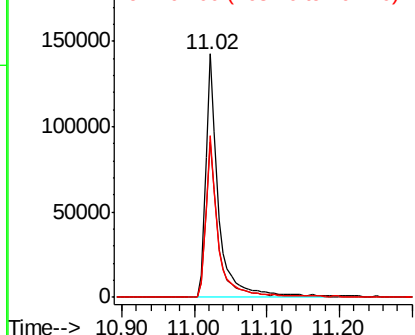
#69
 Pentachlorophenol
 Concen: 55.258 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB113362BS

Tgt Ion:266 Resp: 176588
 Ion Ratio Lower Upper
 266 100
 268 64.0 50.6 75.8
 264 66.4 50.6 75.8

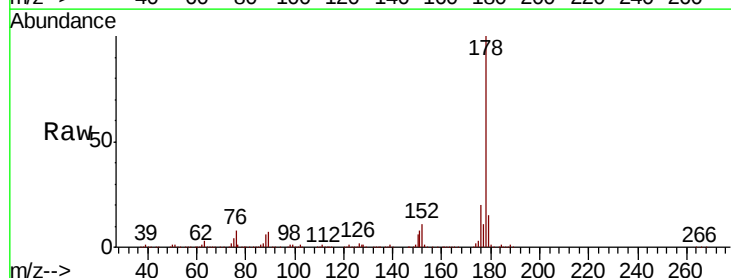


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

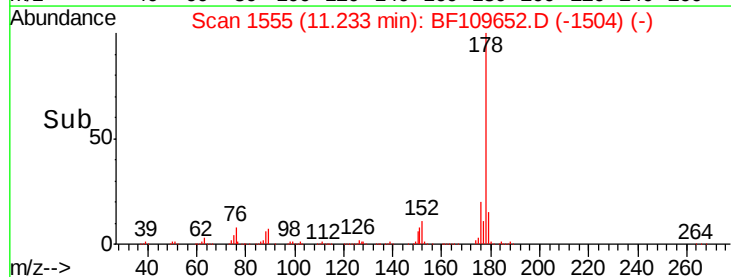
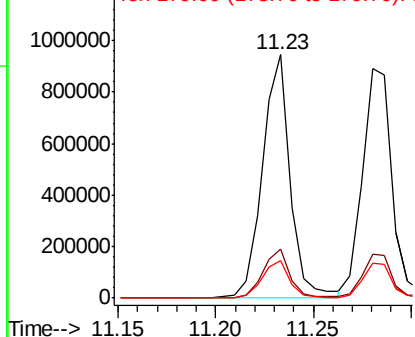


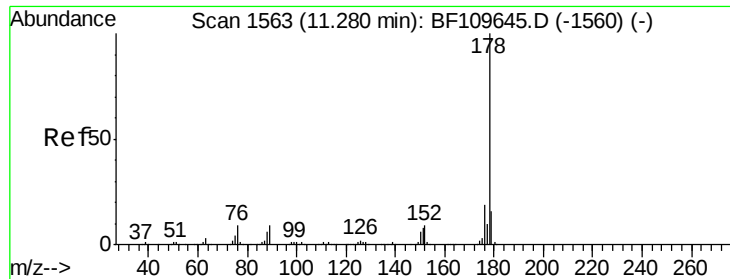
#70
 Phenanthrene
 Concen: 40.654 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Tgt Ion:178 Resp: 928638
 Ion Ratio Lower Upper
 178 100
 176 20.0 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

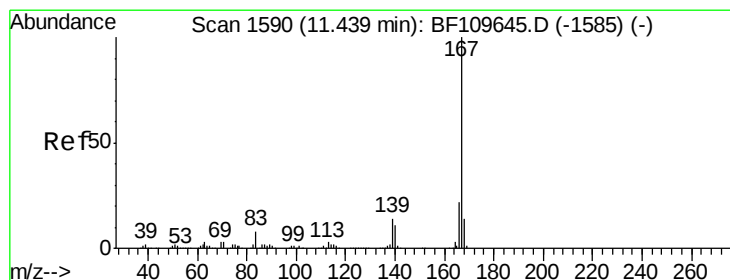
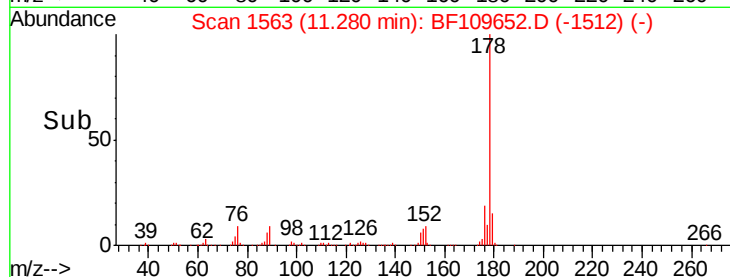
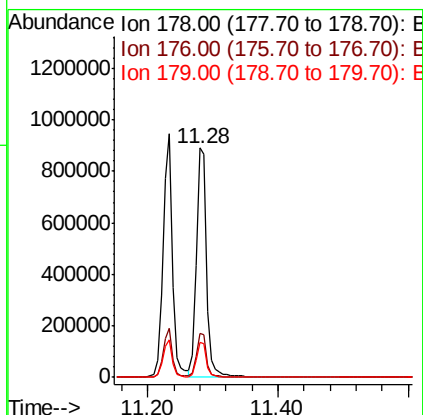
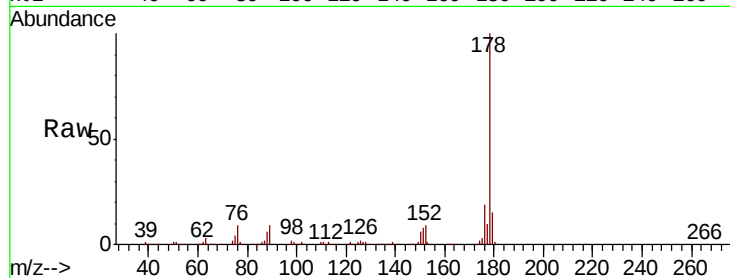




#71
 Anthracene
 Concen: 40.815 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

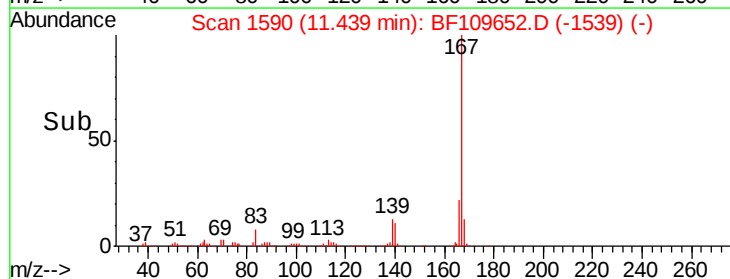
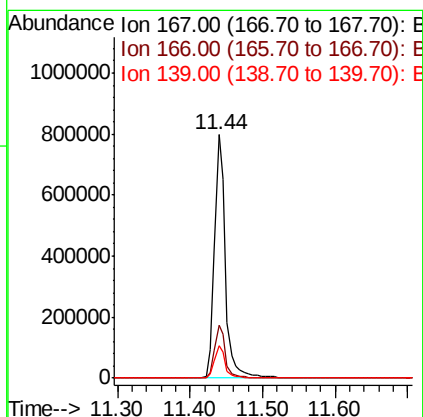
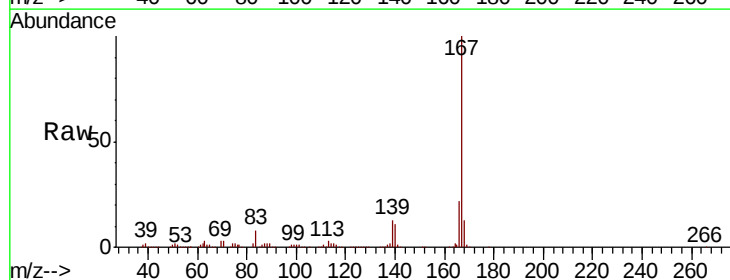
Instrument :
 BNA_F
 ClientSampleId :
 PB113362BS

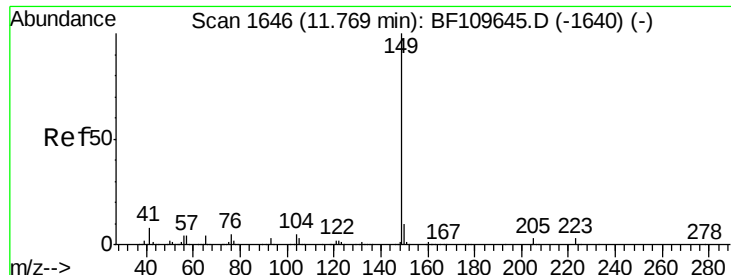
Tgt Ion:178 Resp: 963758
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.4 12.6 18.8



#72
 Carbazole
 Concen: 36.739 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Tgt Ion:167 Resp: 841389
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 13.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 38.338 ng

RT: 11.77 min Scan# 1646

Delta R.T. -0.00 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

Instrument :

BNA_F

ClientSampleId :

PB113362BS

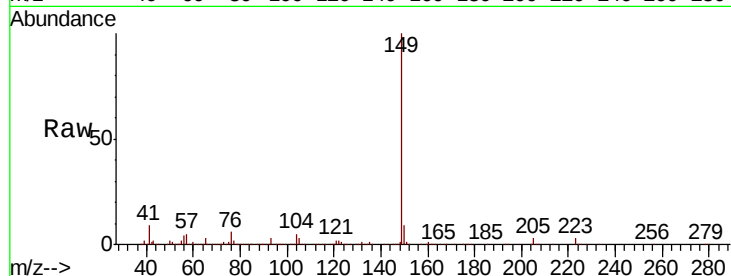
Tgt Ion:149 Resp: 1018354

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

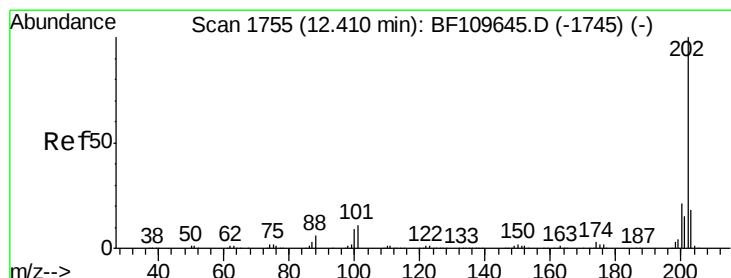
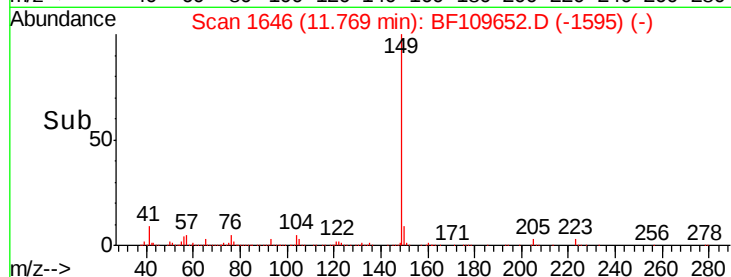
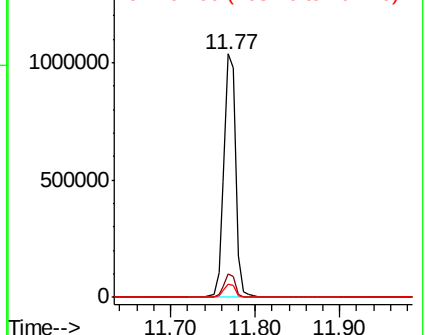
104 5.4 4.2 6.4



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: 38.882 ng

RT: 12.41 min Scan# 1755

Delta R.T. -0.00 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

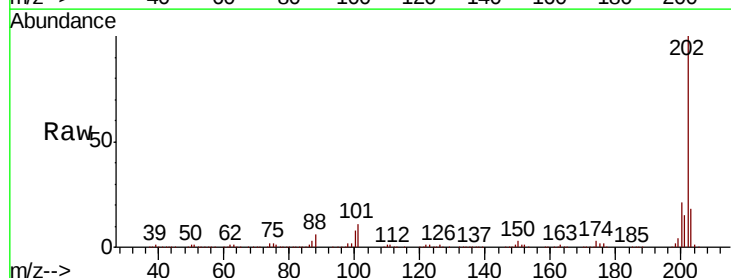
Tgt Ion:202 Resp: 927864

Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.4

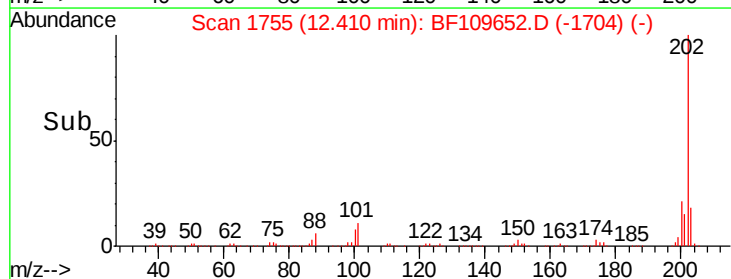
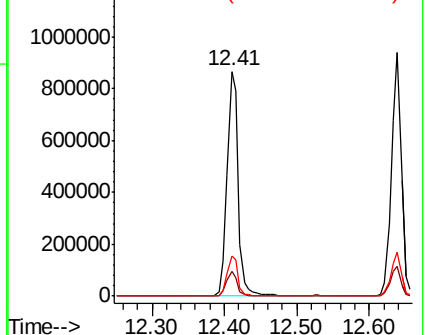
203 17.8 0.0 37.7

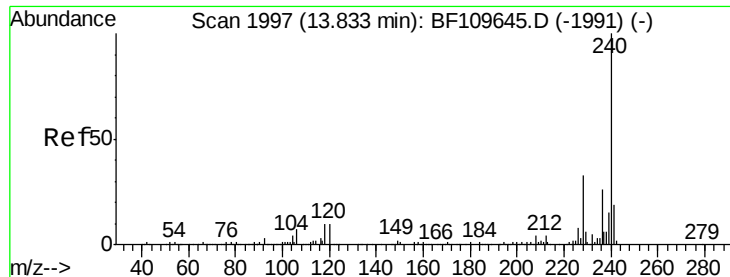


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF109652.D

Acq: 8 Oct 2018 17:17

Instrument :

BNA_F

ClientSampleId :

PB113362BS

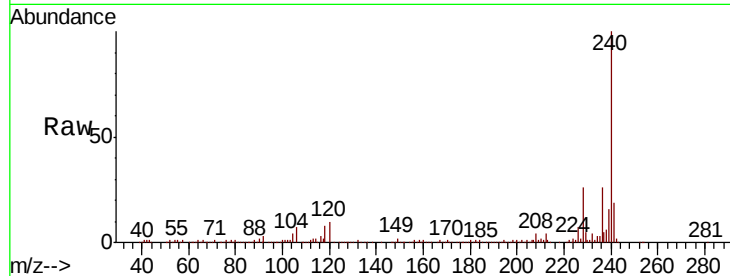
Tgt Ion:240 Resp: 273798

Ion Ratio Lower Upper

240 100

120 9.7 8.3 12.5

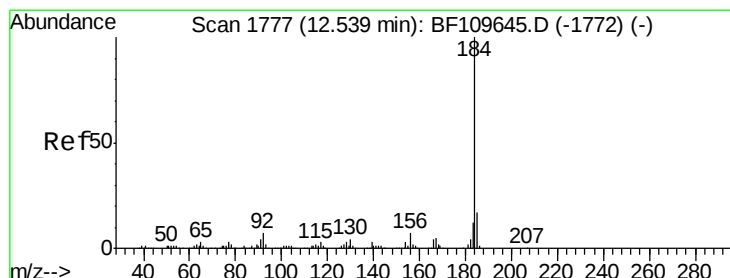
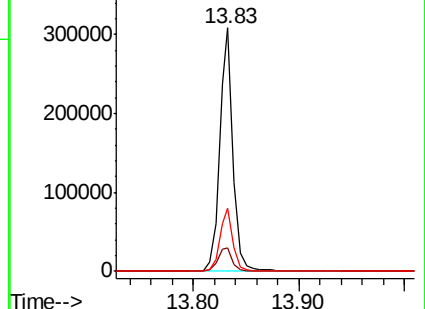
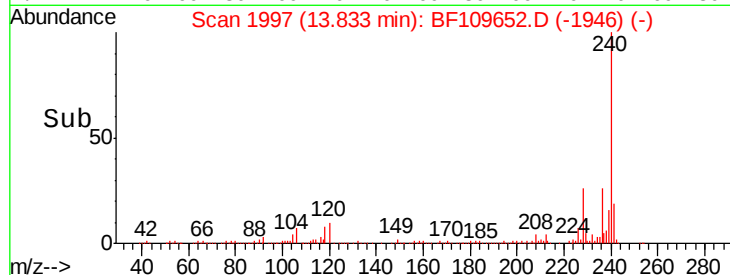
236 26.1 21.2 31.8



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: 21.773 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

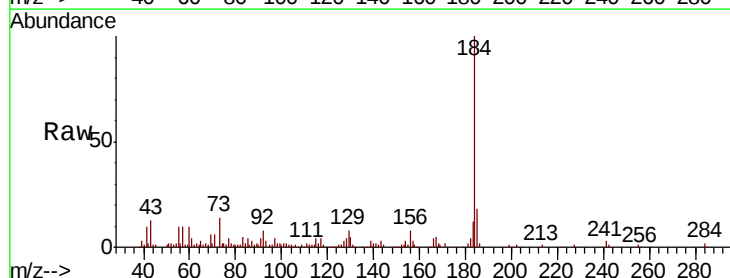
Tgt Ion:184 Resp: 221455

Ion Ratio Lower Upper

184 100

185 17.6 13.4 20.2

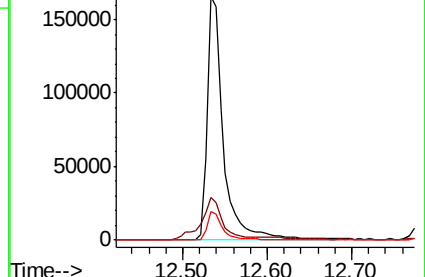
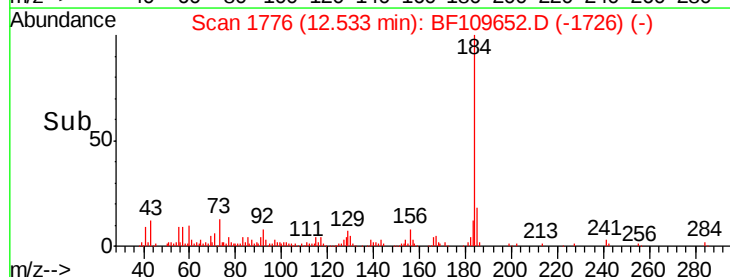
183 11.7 9.4 14.2

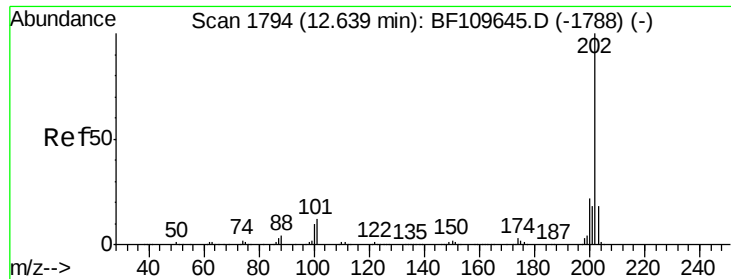


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

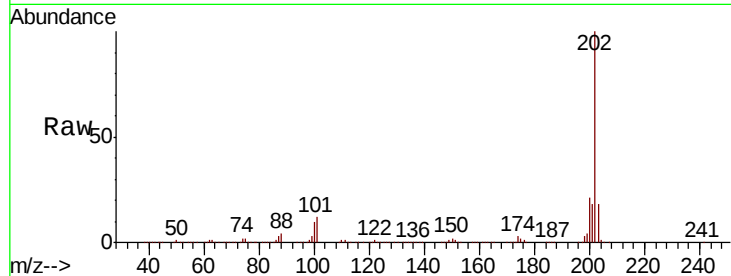




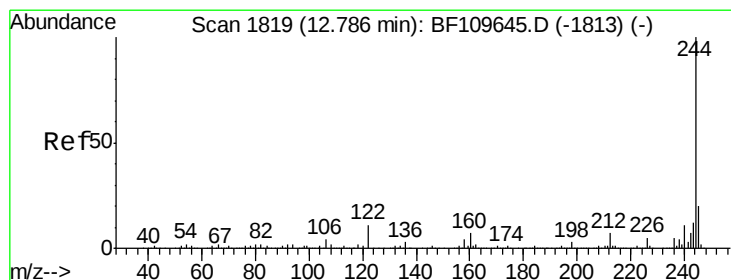
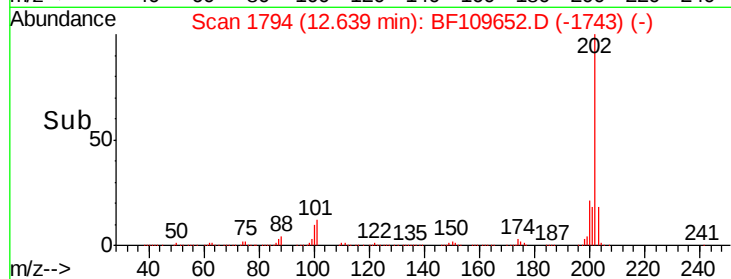
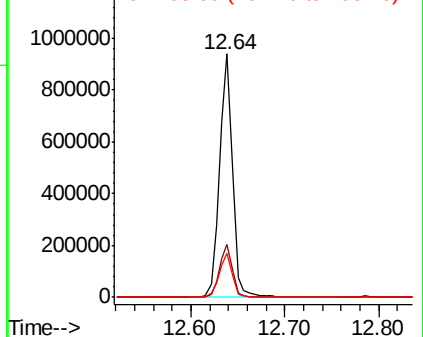
#77
 Pyrene
 Concen: 45.050 ng
 RT: 12.64 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB113362BS

Tgt Ion: 202 Resp: 903722
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.8 26.6
 203 17.9 14.2 21.4

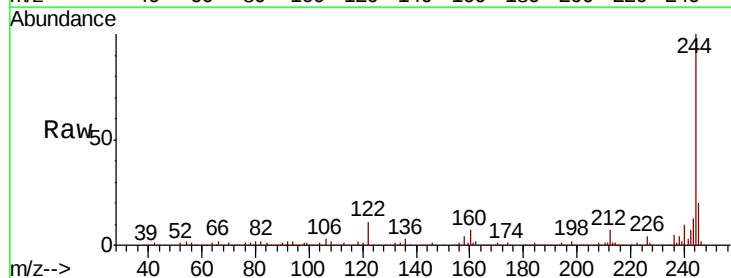


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

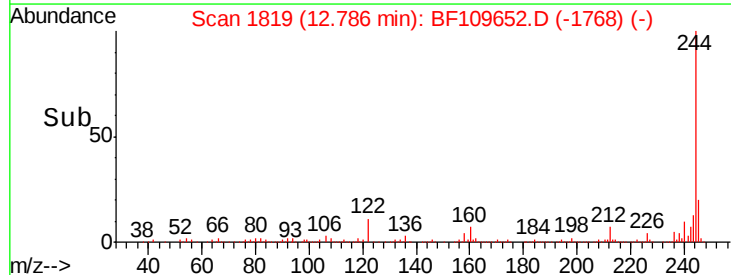
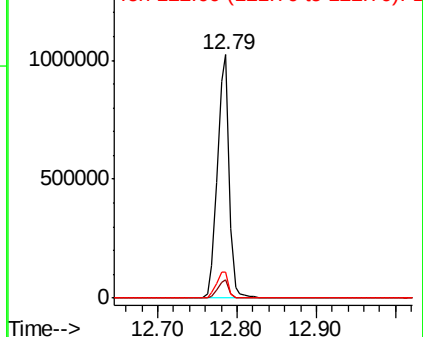


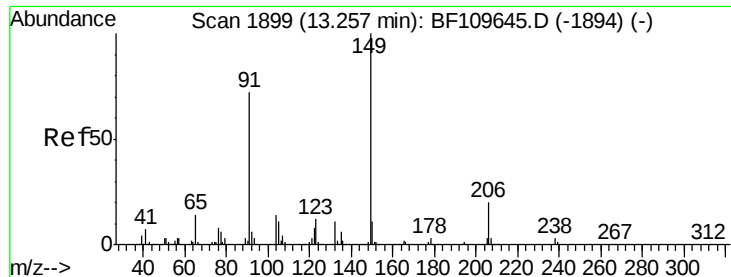
#78
 Terphenyl-d14
 Concen: 74.534 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Tgt Ion: 244 Resp: 1054184
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 10.7 8.7 13.1



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

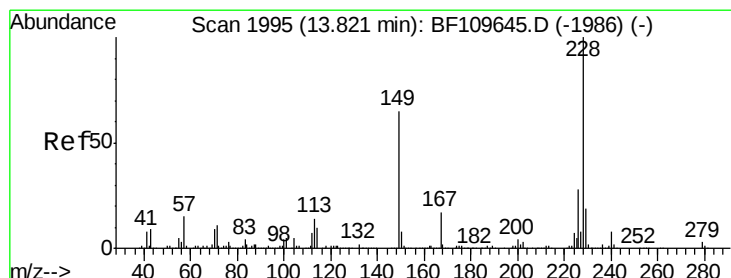
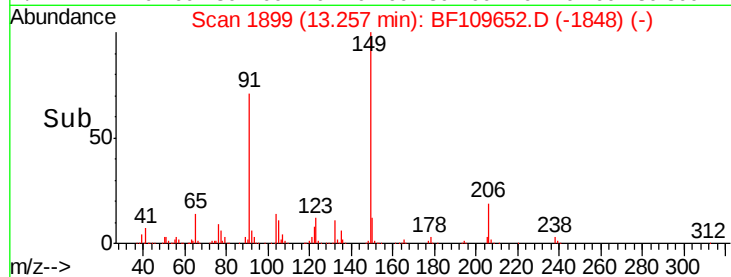
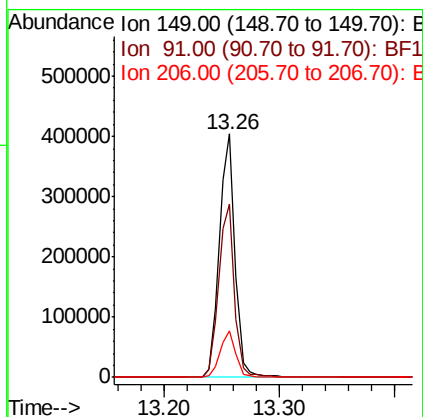
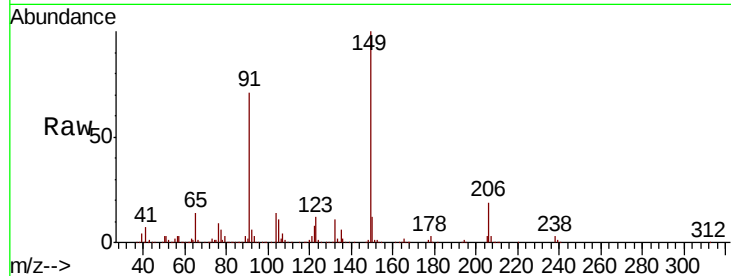




#79
Butylbenzylphthalate
Concen: 43.933 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

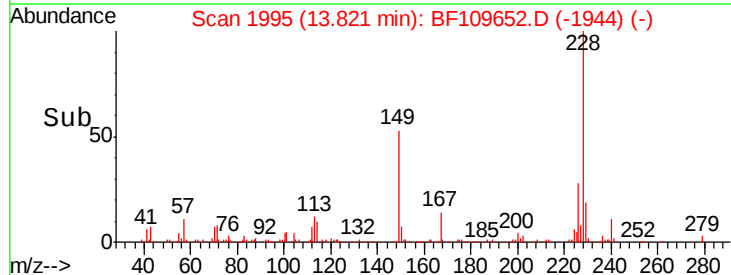
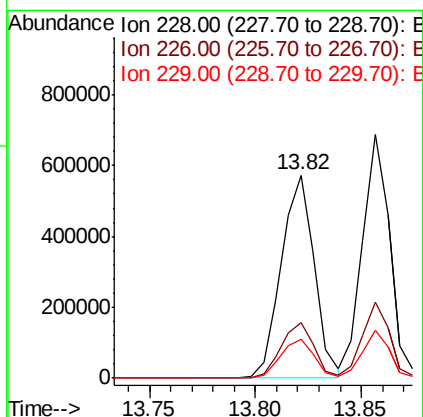
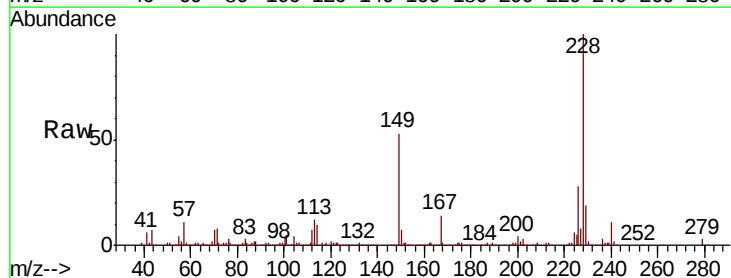
Instrument :
BNA_F
ClientSampleId :
PB113362BS

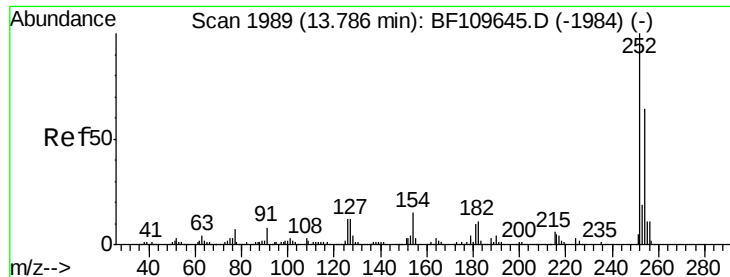
Tgt Ion:149 Resp: 382095
Ion Ratio Lower Upper
149 100
91 71.1 57.2 85.8
206 19.3 15.7 23.5



#80
Benzo(a)anthracene
Concen: 41.289 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Tgt Ion:228 Resp: 623848
Ion Ratio Lower Upper
228 100
226 27.5 22.1 33.1
229 19.2 15.6 23.4





#81

3,3'-Dichlorobenzidine

Concen: 26.914 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

Instrument :

BNA_F

ClientSampleId :

PB113362BS

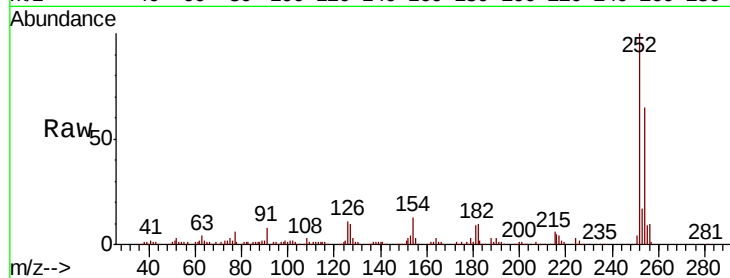
Tgt Ion:252 Resp: 163738

Ion Ratio Lower Upper

252 100

254 65.4 51.3 76.9

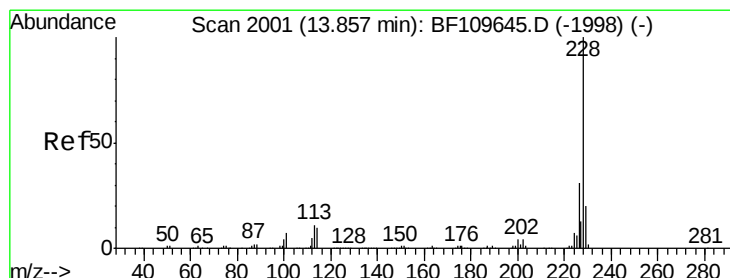
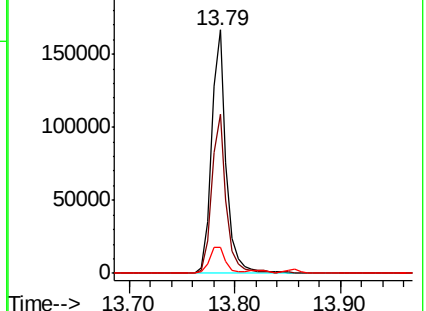
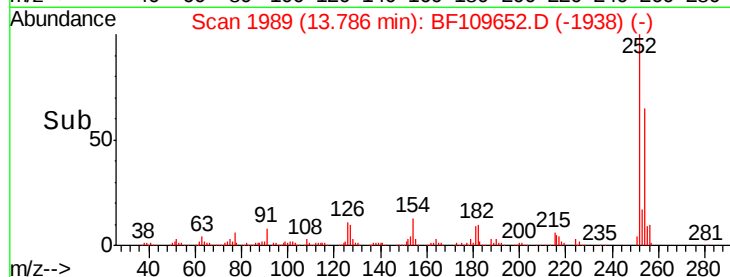
126 10.5 9.4 14.2



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: 40.139 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

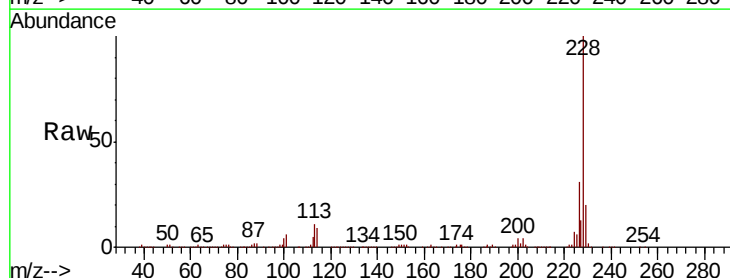
Tgt Ion:228 Resp: 637033

Ion Ratio Lower Upper

228 100

226 31.1 24.7 37.1

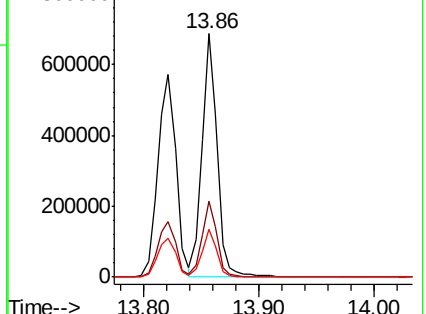
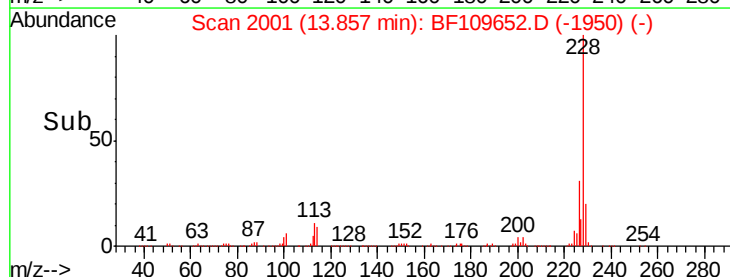
229 19.7 15.9 23.9

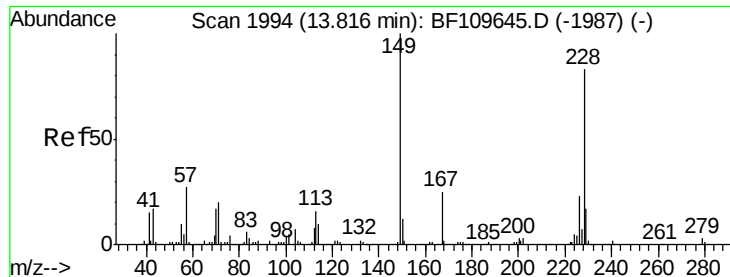


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

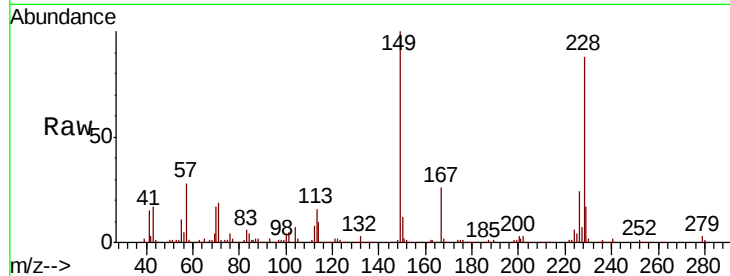




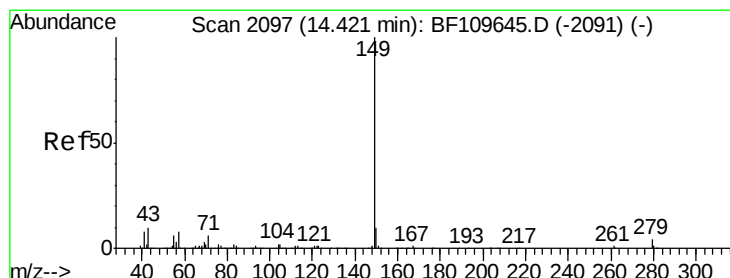
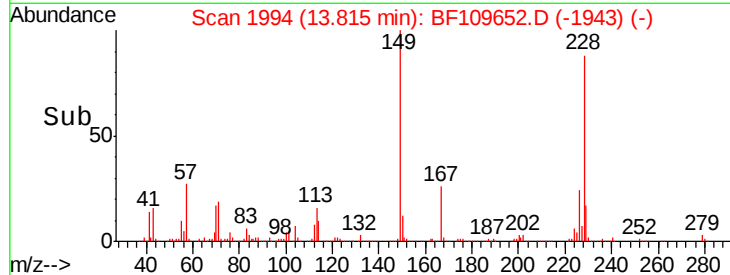
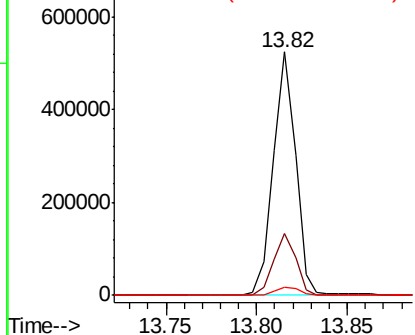
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.223 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB113362BS

Tgt Ion:149 Resp: 448021
 Ion Ratio Lower Upper
 149 100
 167 25.6 19.8 29.8
 279 3.4 2.7 4.1

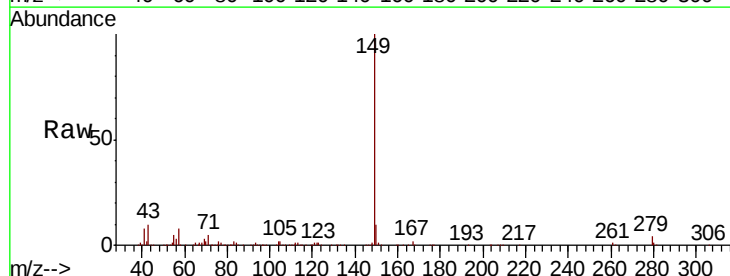


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

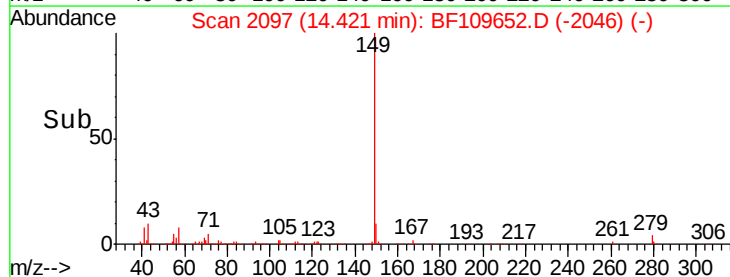
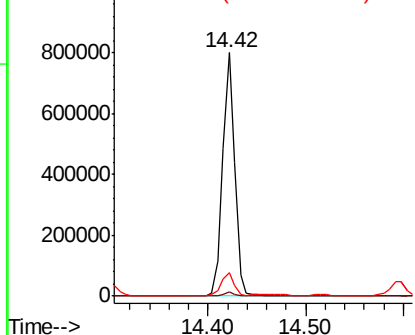


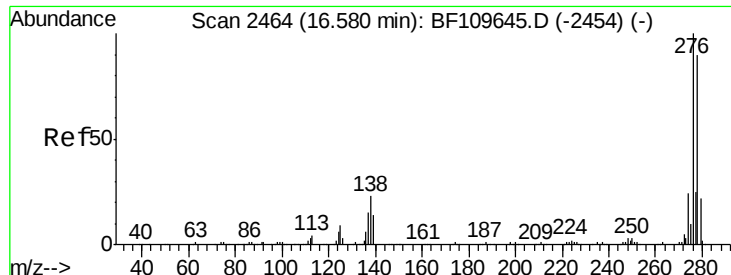
#84
 Di-n-octyl phthalate
 Concen: 41.209 ng
 RT: 14.42 min Scan# 2097
 Delta R.T. -0.00 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Tgt Ion:149 Resp: 691158
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 9.5 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 54.346 ng

RT: 16.58 min Scan# 2464

Delta R.T. -0.00 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

Instrument :

BNA_F

ClientSampleId :

PB113362BS

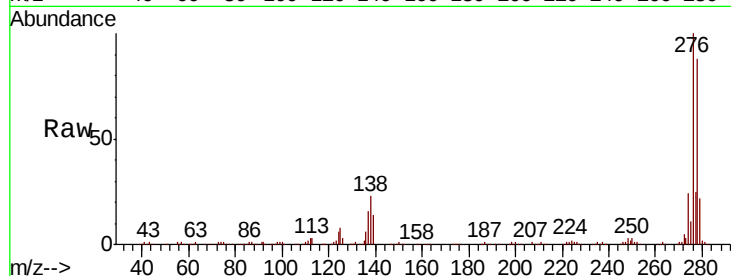
Tgt Ion:276 Resp: 617347

Ion Ratio Lower Upper

276 100

138 22.9 18.5 27.7

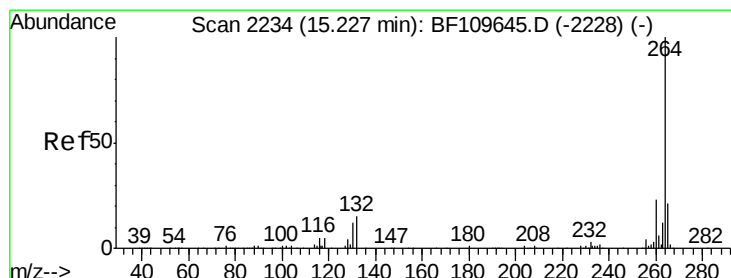
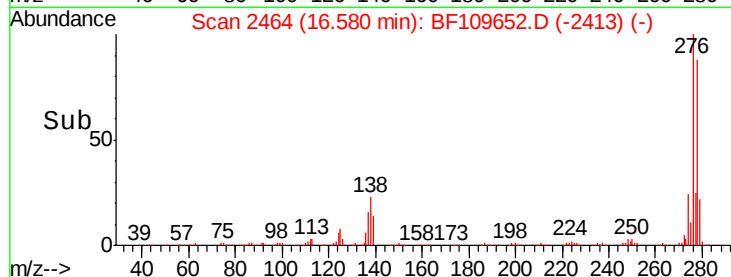
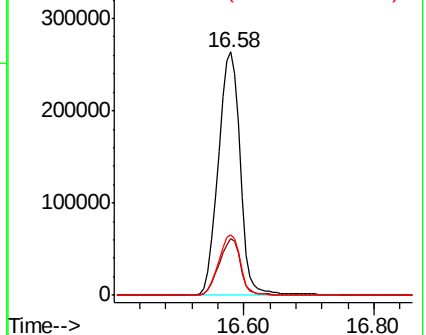
277 24.7 20.0 30.0



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: BF109652.D

Acq: 8 Oct 2018 17:17

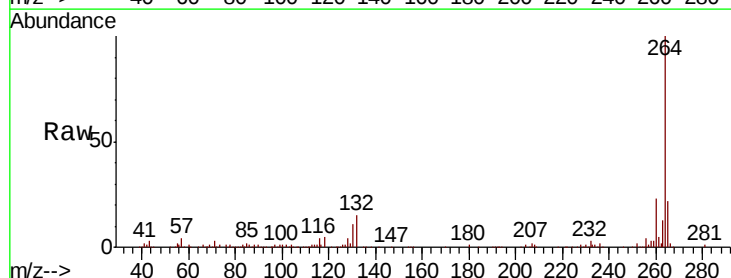
Tgt Ion:264 Resp: 222016

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

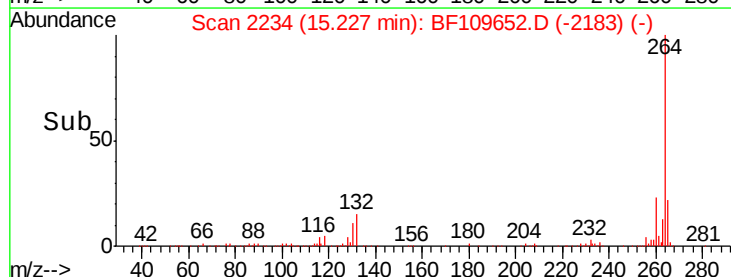
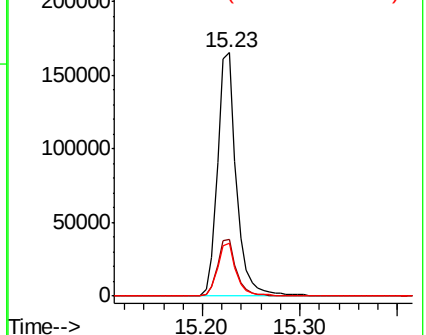
265 21.8 16.7 25.1

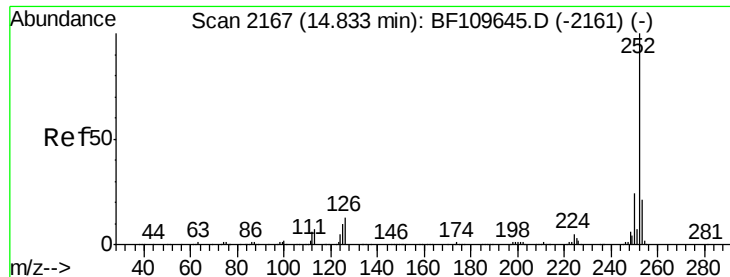


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

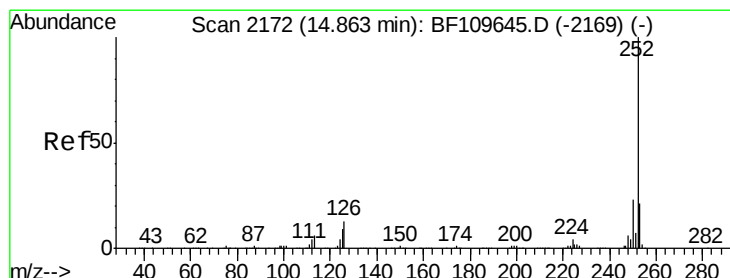
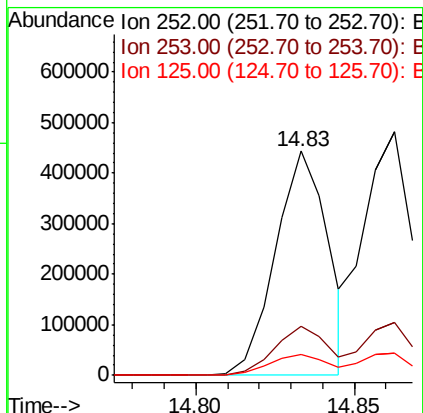
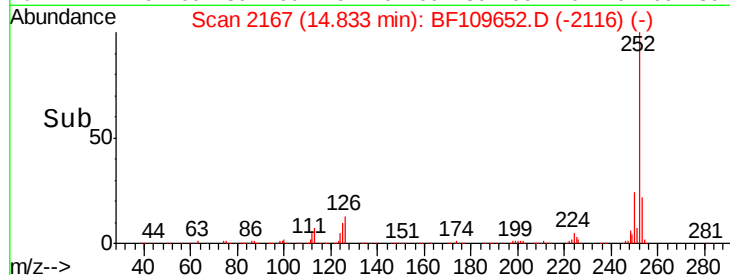
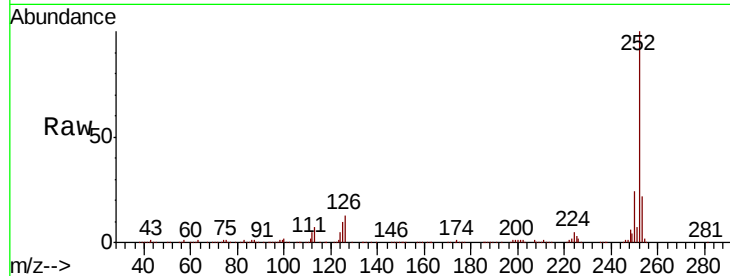




#87
Benzo(b)fluoranthene
Concen: 41.868 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

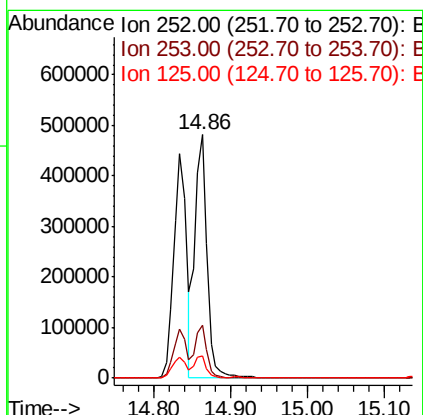
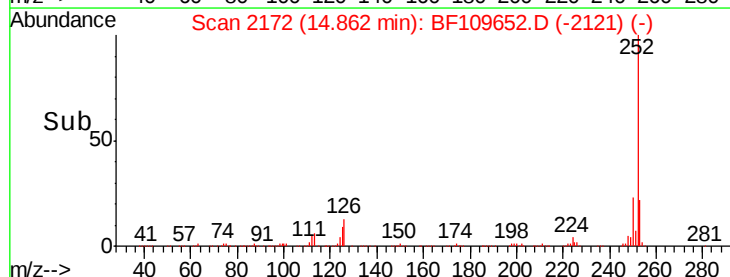
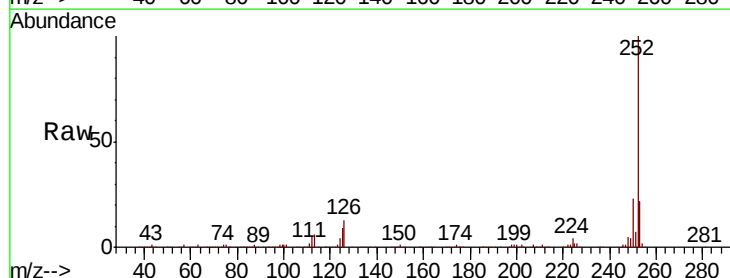
Instrument :
BNA_F
ClientSampleId :
PB113362BS

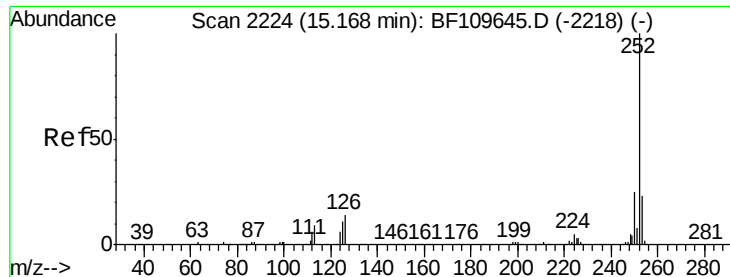
Tgt Ion:252 Resp: 513678
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 9.5 8.2 12.4



#88
Benzo(k)fluoranthene
Concen: 43.457 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Tgt Ion:252 Resp: 535704
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 9.2 7.4 11.0





#89

Benzo(a)pyrene

Concen: 45.316 ng

RT: 15.17 min Scan# 2224

Delta R.T. -0.00 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

Instrument :

BNA_F

ClientSampleId :

PB113362BS

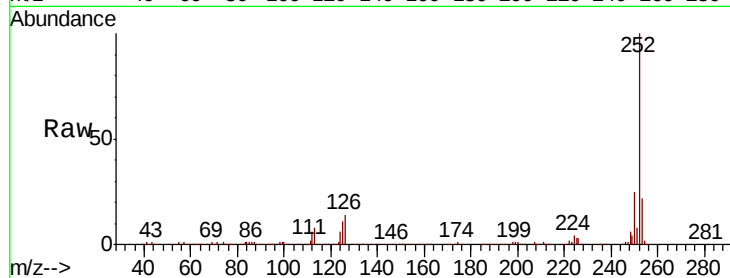
Tgt Ion:252 Resp: 504539

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

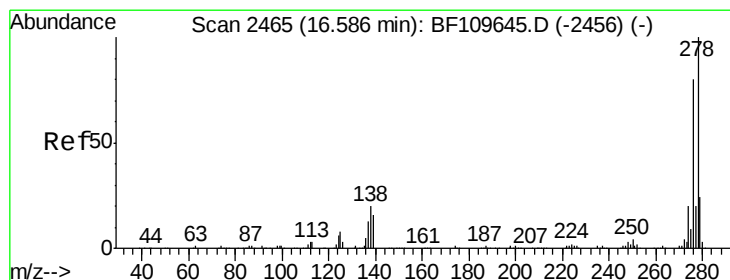
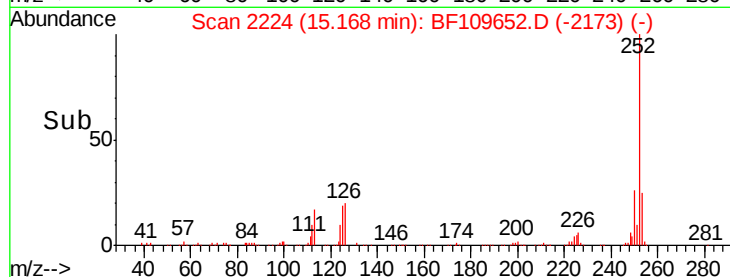
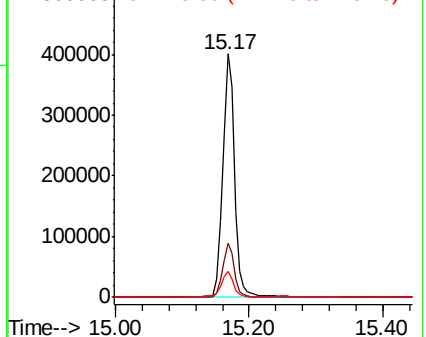
125 10.8 9.0 13.6



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: 55.644 ng

RT: 16.59 min Scan# 2465

Delta R.T. -0.00 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

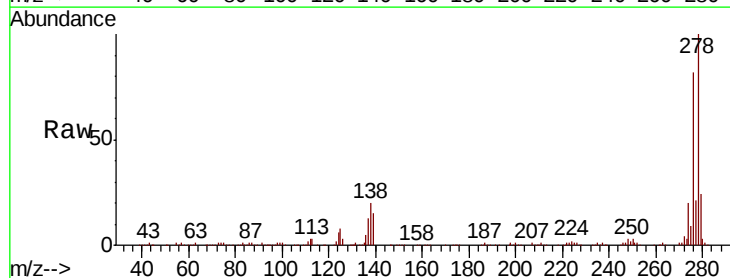
Tgt Ion:278 Resp: 508811

Ion Ratio Lower Upper

278 100

139 14.8 12.7 19.1

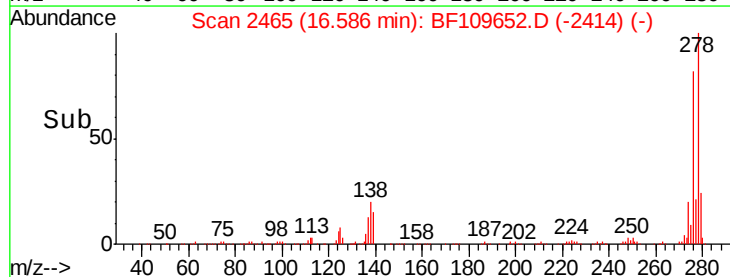
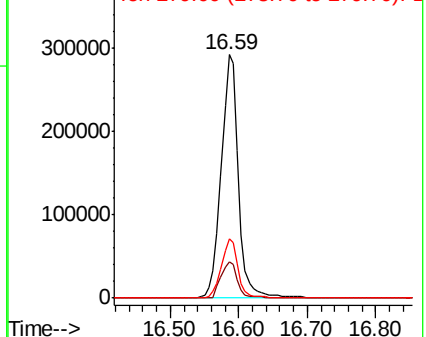
279 24.2 19.0 28.4

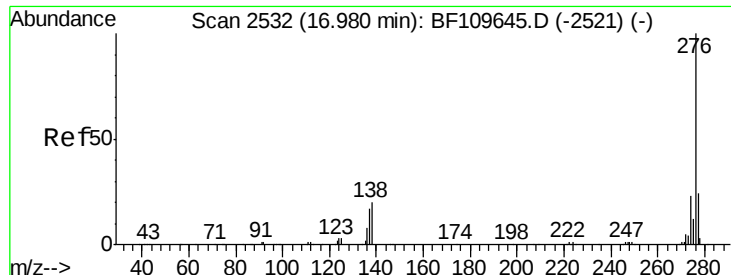


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 59.573 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.00 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

Instrument :

BNA_F

ClientSampleId :

PB113362BS

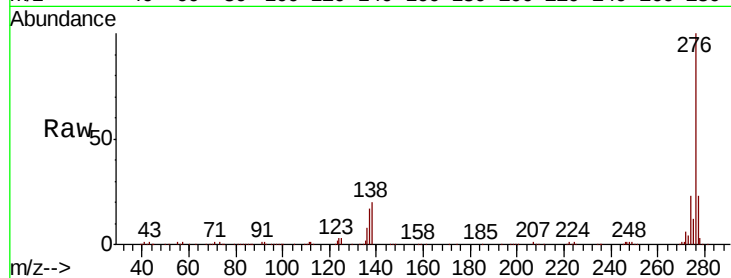
Tgt Ion: 276 Resp: 543962

Ion Ratio Lower Upper

276 100

277 23.0 18.8 28.2

138 20.0 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

