

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
 Data File : BF109959.D
 Acq On : 18 Oct 2018 14:17
 Operator : JU/SJ
 Sample : J5565-06MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 19 02:22:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	236823	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	923454	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	415784	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	727614	20.00	ng	0.00
76) Chrysene-d12	14.16	240	412469	20.00	ng	0.00
87) Perylene-d12	15.69	264	428843	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1796513	120.25	ng	0.01
7) Phenol-d6	6.60	99	2287759	123.32	ng	0.00
23) Nitrobenzene-d5	7.55	82	1417710	103.42	ng	0.00
42) 2,4,6-Tribromophenol	10.82	330	477905	132.76	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	2096252	80.45	ng	0.00
79) Terphenyl-d14	13.10	244	1597412	81.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.93	88	246657	29.068	ng	94
3) Pyridine	3.69	79	697096	36.848	ng	88
4) n-Nitrosodimethylamine	3.65	42	339824	44.034	ng	# 99
6) Aniline	6.65	93	512812	20.512	ng	# 52
8) 2-Chlorophenol	6.77	128	705105	42.133	ng	97
9) Benzaldehyde	6.53	77	294884	24.460	ng	99
10) Phenol	6.62	94	1044353	52.140	ng	# 62
11) bis(2-Chloroethyl)ether	6.72	93	671946	40.122	ng	95
12) 1,3-Dichlorobenzene	6.92	146	738356	40.236	ng	96
13) 1,4-Dichlorobenzene	7.00	146	740914	40.090	ng	98
14) 1,2-Dichlorobenzene	7.15	146	686006	40.310	ng	98
15) Benzyl Alcohol	7.12	79	614249	43.037	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1085866	39.503	ng	68
17) 2-Methylphenol	7.22	107	590236	43.738	ng	# 80
18) Hexachloroethane	7.49	117	272627	41.743	ng	99
19) n-Nitroso-di-n-propylamine	7.39	70	475366	39.907	ng	98
20) 3+4-Methylphenols	7.37	107	716018	41.812	ng	95
22) Acetophenone	7.39	105	942745	44.021	ng	97
24) Nitrobenzene	7.56	77	709034	47.612	ng	93
25) Isophorone	7.80	82	1335701	49.589	ng	96
26) 2-Nitrophenol	7.87	139	366971	59.433	ng	94
27) 2,4-Dimethylphenol	7.90	122	661094	50.955	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	851620	46.069	ng	99
29) 2,4-Dichlorophenol	8.12	162	583586	46.368	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	615756	43.695	ng	96
31) Naphthalene	8.29	128	1935596	45.709	ng	99
32) Benzoic acid	7.98	122	98038	12.128	ng	90
33) 4-Chloroaniline	8.33	127	100854	5.298	ng	96
34) Hexachlorobutadiene	8.39	225	330309	42.506	ng	99
35) Caprolactam	8.70	113	109360	24.466	ng	95
36) 4-Chloro-3-methylphenol	8.81	107	606048	45.645	ng	93
37) 2-Methylnaphthalene	8.97	142	1305716	47.618	ng	98
38) 1-Methylnaphthalene	9.07	142	1235315	46.492	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.15	216	550167	42.960	ng	98

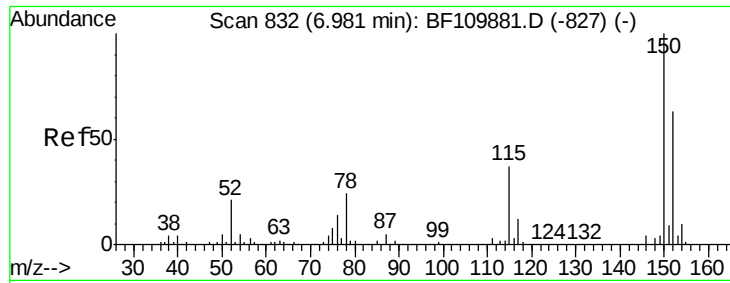
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
 Data File : BF109959.D
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Quant Time: Oct 19 02:22:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.13	237	616771	99.782	nq	98
43) 2,4,6-Trichlorophenol	9.25	196	389818	48.680	nq	95
44) 2,4,5-Trichlorophenol	9.29	196	404179	48.631	nq	95
46) 1,1'-Biphenyl	9.44	154	1554877	41.973	nq	99
47) 2-Chloronaphthalene	9.47	162	1179514	43.226	nq	98
48) 2-Nitroaniline	9.56	65	373878	53.391	nq	93
49) Acenaphthylene	9.89	152	1819716	45.905	nq	97
50) Dimethylphthalate	9.74	163	1660823	56.411	nq	99
51) 2,6-Dinitrotoluene	9.80	165	313156	56.002	nq	92
52) Acenaphthene	10.06	154	1156634	45.830	nq	99
53) 3-Nitroaniline	9.97	138	149080	21.916	nq	96
54) 2,4-Dinitrophenol	10.07	184	126348	71.938	nq	90
55) Dibenzofuran	10.23	168	1568072	43.567	nq	94
56) 4-Nitrophenol	10.13	139	503434	96.996	nq	94
57) 2,4-Dinitrotoluene	10.21	165	396516	55.358	nq	# 86
58) Fluorene	10.57	166	1208649	46.131	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.35	232	330411	50.163	nq	97
60) Diethylphthalate	10.44	149	1301448	44.756	nq	99
61) 4-Chlorophenyl-phenylether	10.56	204	578672	42.400	nq	97
62) 4-Nitroaniline	10.59	138	313115	48.628	nq	92
63) Azobenzene	10.72	77	1252154	41.219	nq	96
65) 4,6-Dinitro-2-methylphenol	10.62	198	137977	51.628	nq	94
66) n-Nitrosodiphenylamine	10.68	169	1089296	44.949	nq	96
67) 4-Bromophenyl-phenylether	11.06	248	356881	45.258	nq	97
68) Hexachlorobenzene	11.12	284	366736	43.613	nq	95
69) Atrazine	11.20	200	361487	47.754	nq	99
70) Pentachlorophenol	11.32	266	359995	75.226	nq	97
71) Phenanthrene	11.54	178	1672630	44.403	nq	99
72) Anthracene	11.59	178	1717349	45.347	nq	99
73) Carbazole	11.75	167	1467024	39.416	nq	99
74) Di-n-butylphthalate	12.06	149	1824458	43.923	nq	100
75) Fluoranthene	12.73	202	1472566	39.132	nq	99
77) Benzidine	12.85	184	607832	38.435	nq	96
78) Pyrene	12.96	202	1401585	46.265	nq	99
80) Butylbenzylphthalate	13.57	149	608925	49.717	nq	98
81) Benzo(a)anthracene	14.15	228	1121448	46.159	nq	99
82) 3,3'-Dichlorobenzidine	14.11	252	272234	31.962	nq	99
83) Chrysene	14.19	228	1032931	44.666	nq	99
84) Bis(2-ethylhexyl)phthalate	14.12	149	841815	52.235	nq	94
85) Di-n-octyl phthalate	14.74	149	1319083	58.056	nq	99
86) Indeno(1,2,3-cd)pyrene	17.26	276	1303683	70.016	nq	# 95
88) Benzo(b)fluoranthene	15.23	252	1109206	44.864	nq	99
89) Benzo(k)fluoranthene	15.23	252	1109206	45.517	nq	98
90) Benzo(a)pyrene	15.62	252	1088235	47.858	nq	97
91) Dibenzo(a,h)anthracene	17.28	278	1073198	53.256	nq	97
92) Benzo(g,h,i)perylene	17.74	276	1044502	51.300	nq	# 94

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

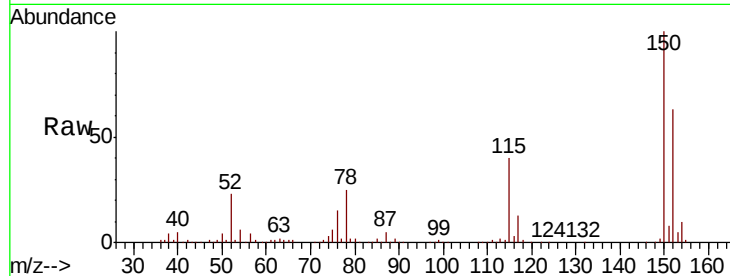


#1

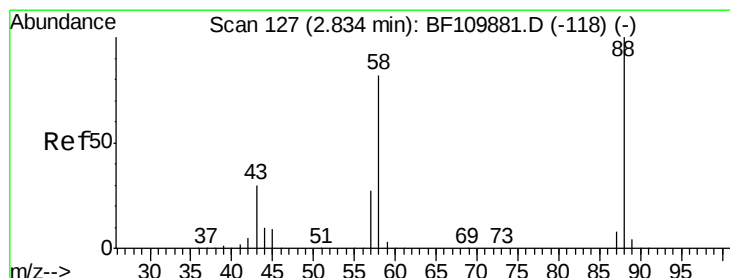
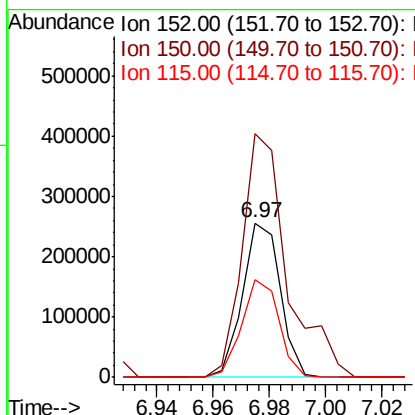
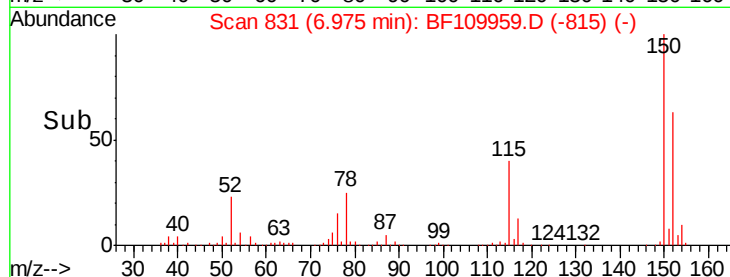
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109959.D
Acq: 18 Oct 2018 14:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 236823
Ion Ratio Lower Upper
152 100
150 157.6 122.7 184.1
115 63.3 49.1 73.7



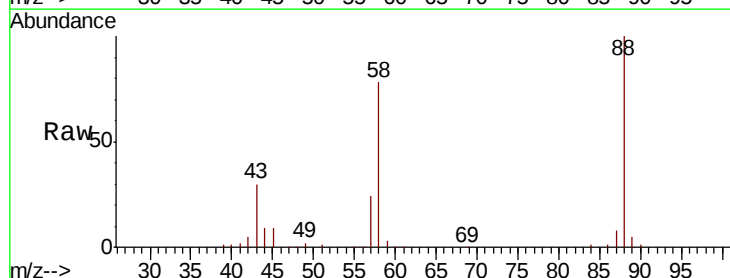
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



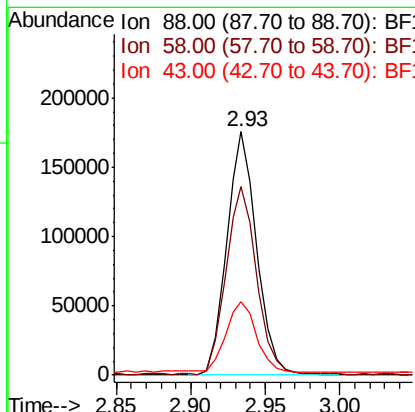
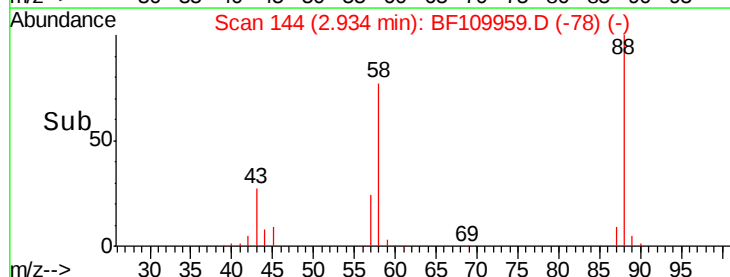
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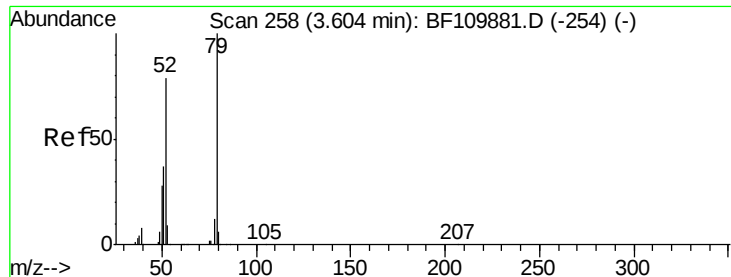
1,4-Dioxane
Concen: 29.068 ng
RT: 2.93 min Scan# 144
Delta R.T. 0.09 min
Lab File: BF109959.D
Acq: 18 Oct 2018 14:17

Tgt Ion: 88 Resp: 246657
Ion Ratio Lower Upper
88 100
58 78.7 57.1 85.7
43 29.7 24.1 36.1



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





#3

Pvridine

Concen: 36.848 ng

RT: 3.69 min Scan# 273

Delta R.T. 0.08 min

Lab File: BF109959.D

Acq: 18 Oct 2018 14:17

Instrument :

BNA_F

ClientSampleId :

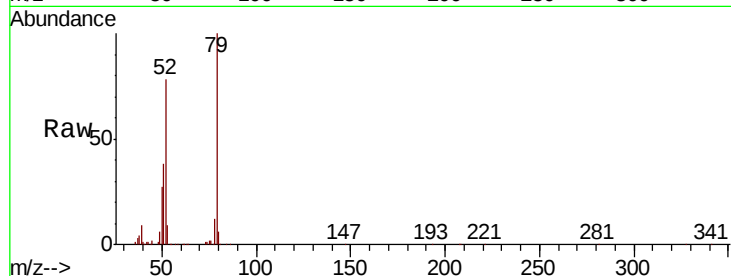
Tot Ion: 79 Resp: 697096

Ion Ratio Lower Upper

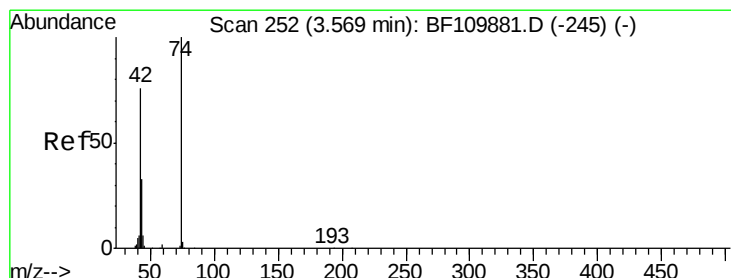
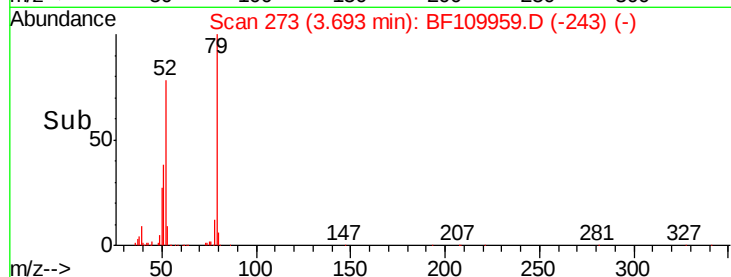
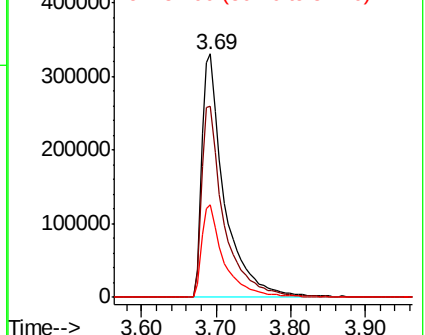
79 100

52 78.4 53.1 79.7

51 38.3 27.4 41.2



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



#4

n-Nitrosodimethylamine

Concen: 44.034 ng

RT: 3.65 min Scan# 266

Delta R.T. 0.07 min

Lab File: BF109959.D

Acq: 18 Oct 2018 14:17

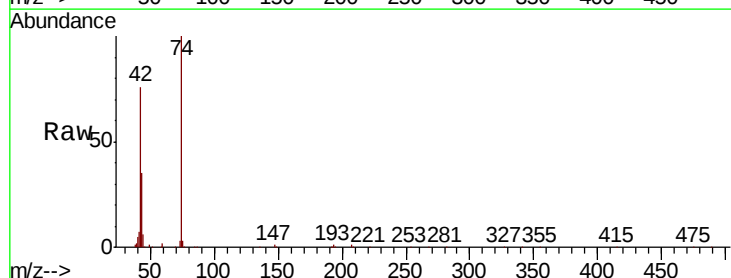
Tgt Ion: 42 Resp: 339824

Ion Ratio Lower Upper

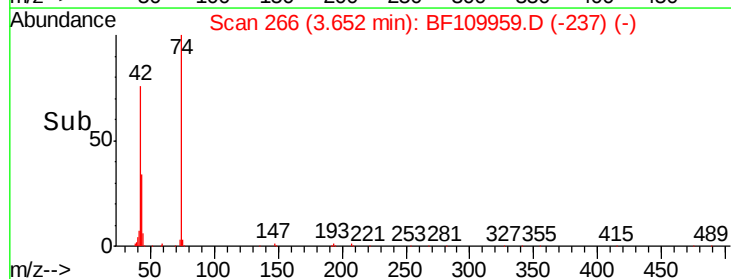
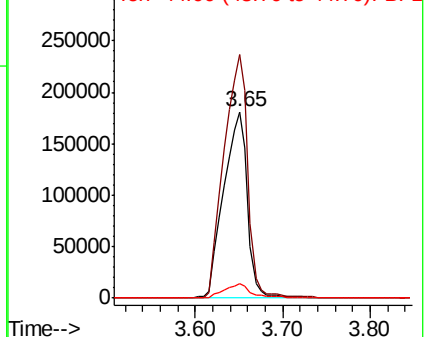
42 100

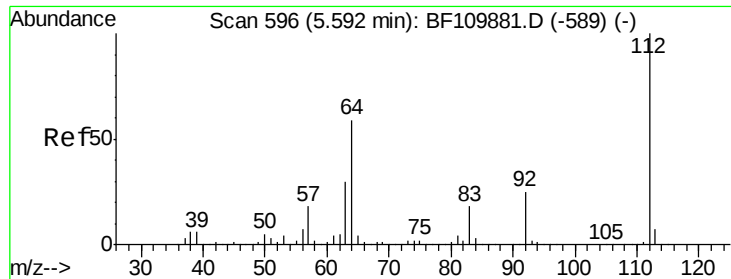
74 130.8 105.5 158.3

44 7.6 4.9 7.3#



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





#5

2-Fluorophenol

Concen: 120.247 ng

RT: 5.61 min Scan# 599

Delta R.T. 0.01 min

Lab File: BF109959.D

Acq: 18 Oct 2018 14:17

Instrument :
BNA_F
ClientSampleId :

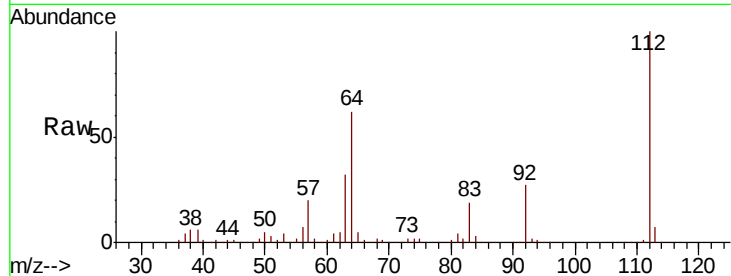
Tot Ion:112 Resp: 1796513

Ion Ratio Lower Upper

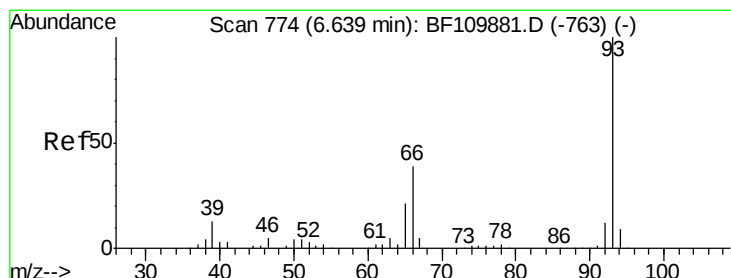
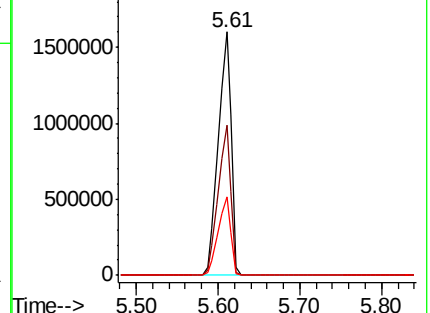
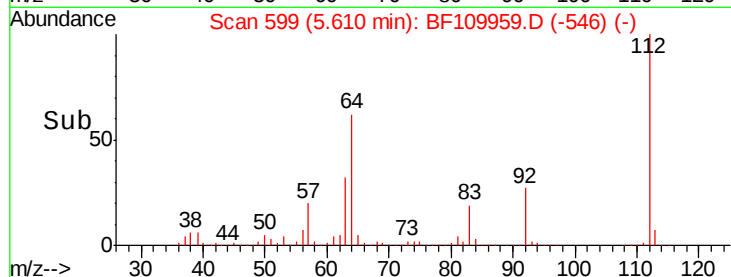
112 100

64 61.7 44.1 66.1

63 32.4 23.7 35.5



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



#6

Aniline

Concen: 20.512 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF109959.D

Acq: 18 Oct 2018 14:17

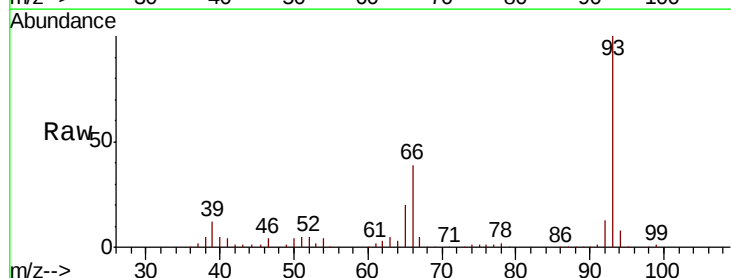
Tgt Ion: 93 Resp: 512812

Ion Ratio Lower Upper

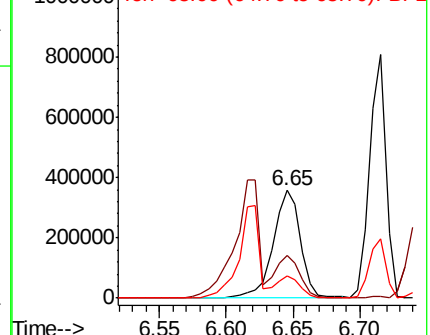
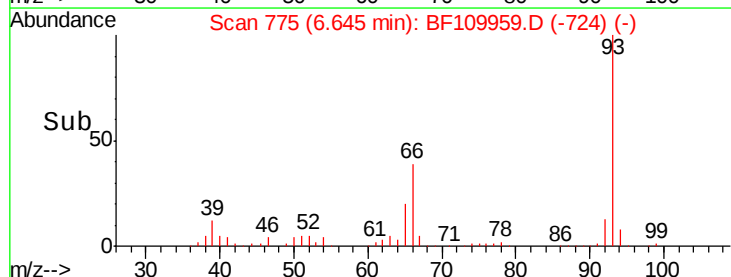
93 100

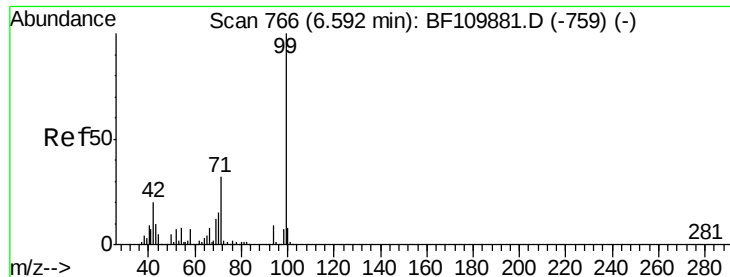
66 39.3 67.4 101.0#

65 20.2 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: 123.317 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF109959.D

Acq: 18 Oct 2018 14:17

Instrument :

BNA_F

ClientSampleId :

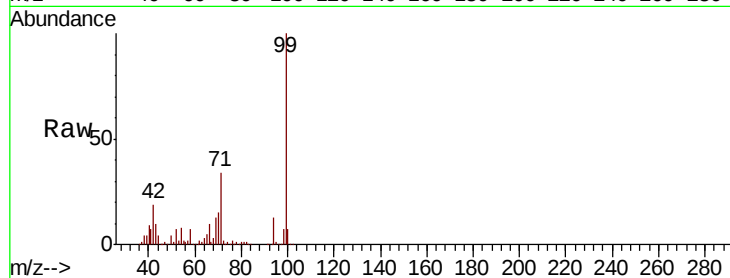
Tot Ion: 99 Resp: 2287759

Ion Ratio Lower Upper

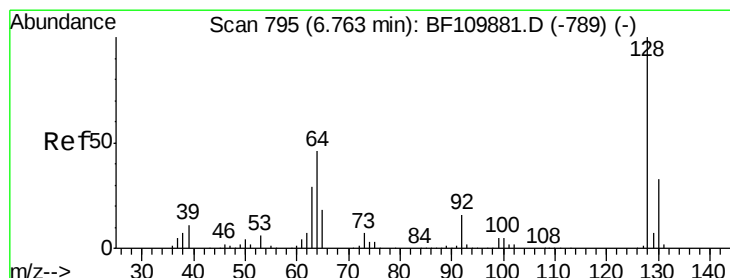
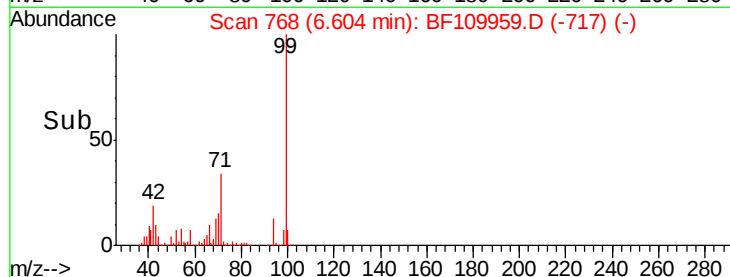
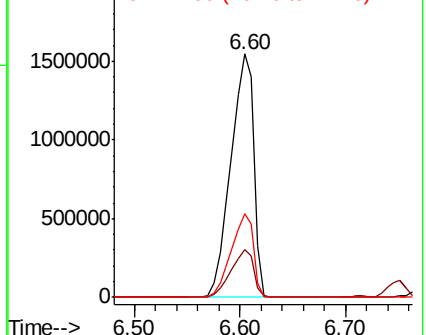
99 100

42 19.5 15.8 23.6

71 34.5 28.0 42.0



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



#8

2-Chlorophenol

Concen: 42.133 ng

RT: 6.77 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF109959.D

Acq: 18 Oct 2018 14:17

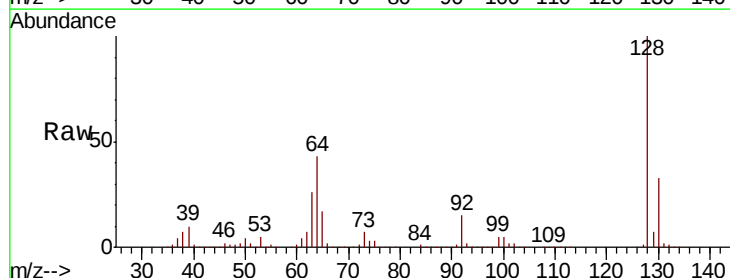
Tgt Ion: 128 Resp: 705105

Ion Ratio Lower Upper

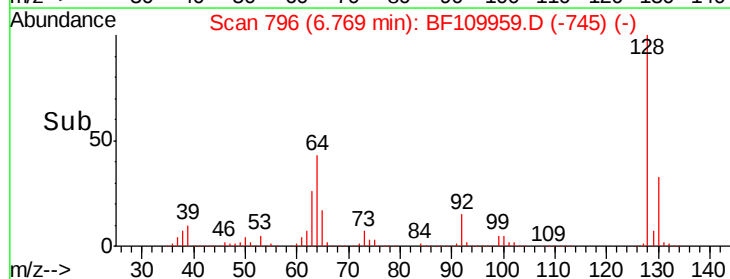
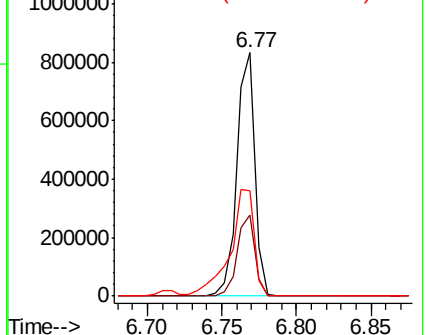
128 100

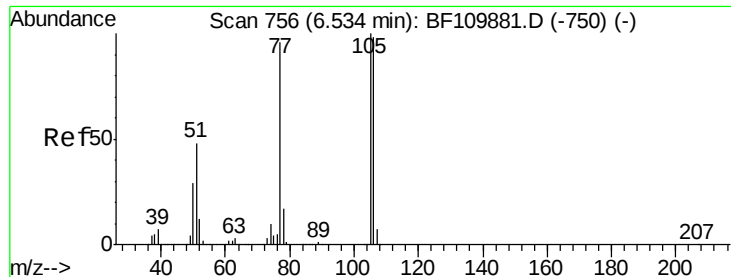
130 33.5 13.1 53.1

64 43.4 26.0 66.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 24.460 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF109959.D

Acq: 18 Oct 2018 14:17

Instrument :

BNA_F

ClientSampled :

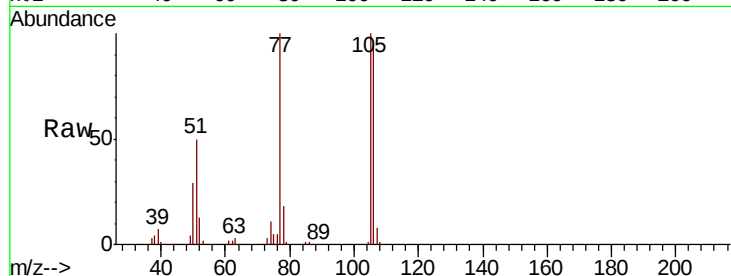
Tot Ion: 77 Resp: 294884

Ion Ratio Lower Upper

77 100

105 100.5 78.6 118.6

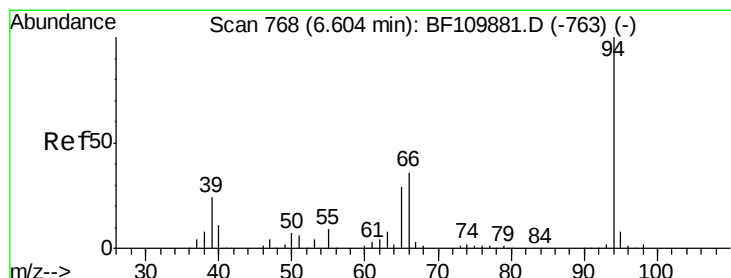
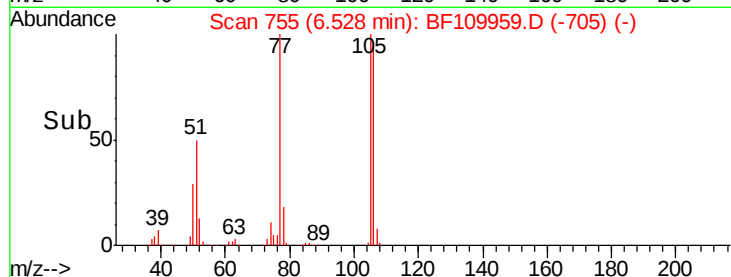
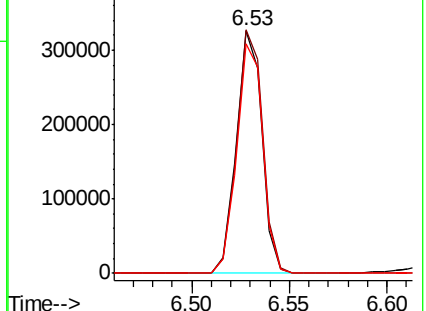
106 94.6 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 52.140 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.01 min

Lab File: BF109959.D

Acq: 18 Oct 2018 14:17

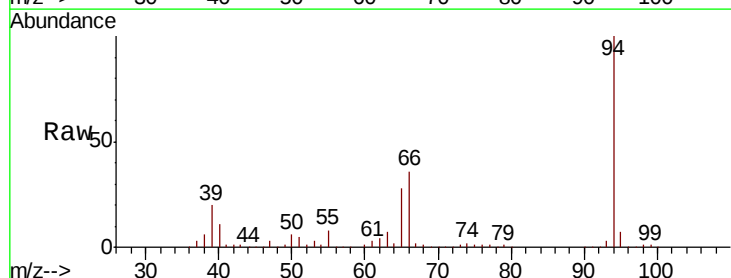
Tgt Ion: 94 Resp: 1044353

Ion Ratio Lower Upper

94 100

65 27.9 25.3 65.3

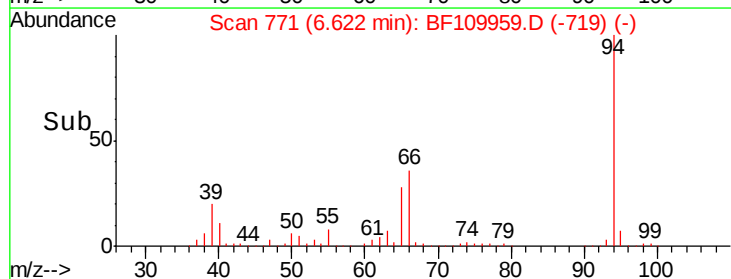
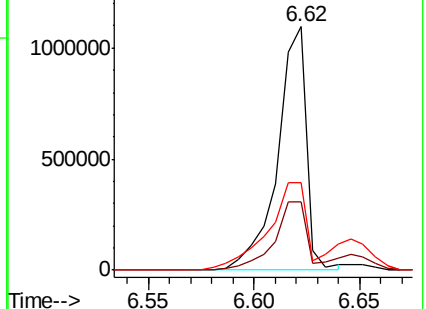
66 35.8 54.5 94.5#

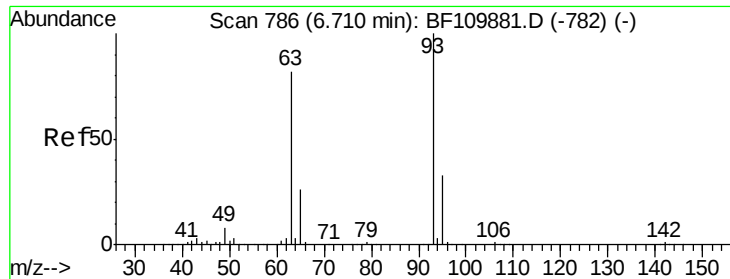


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

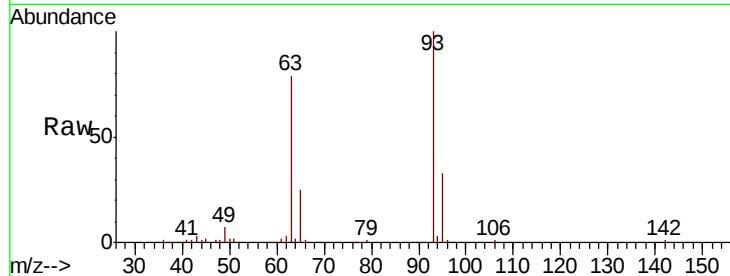




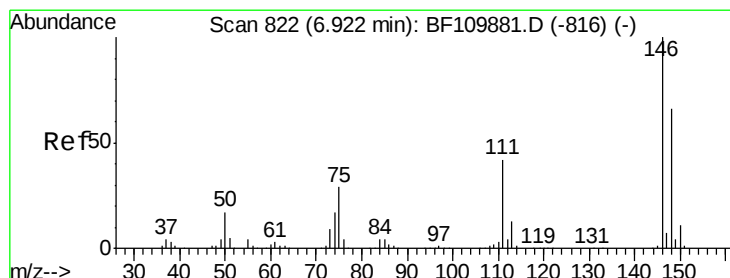
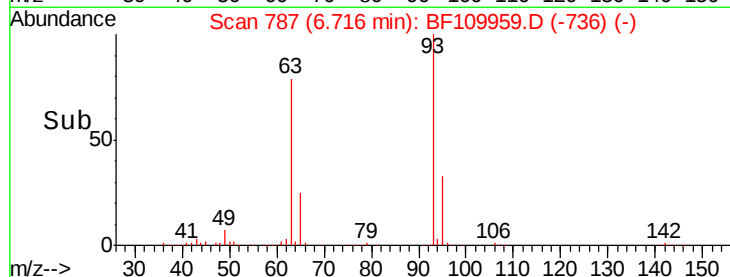
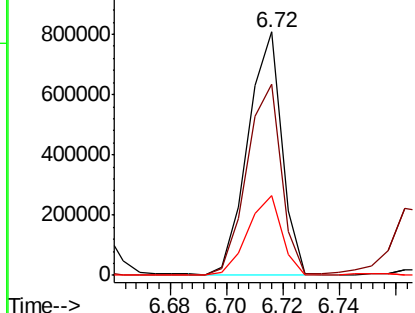
#11
bis(2-Chloroethyl)ether
Concen: 40.122 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF109959.D
Acq: 18 Oct 2018 14:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 671946
Ion Ratio Lower Upper
93 100
63 78.6 53.4 93.4
95 32.9 12.1 52.1

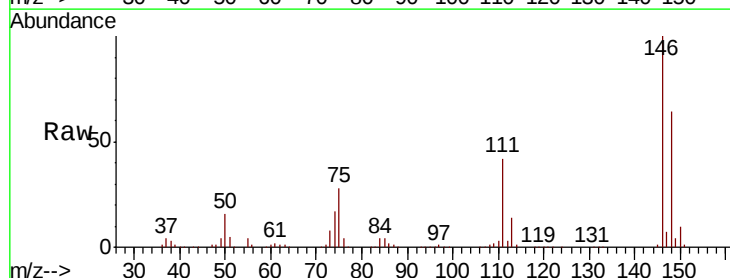


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

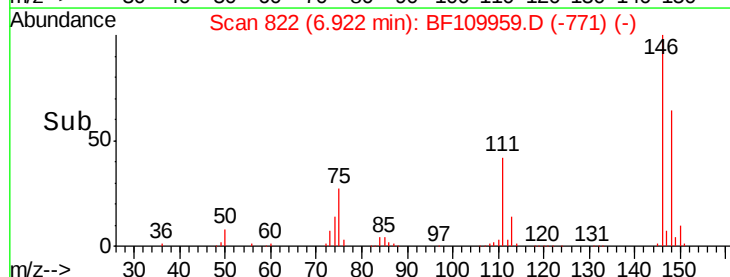
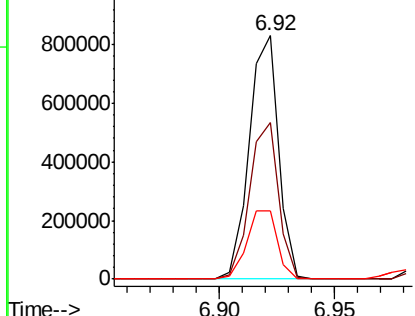


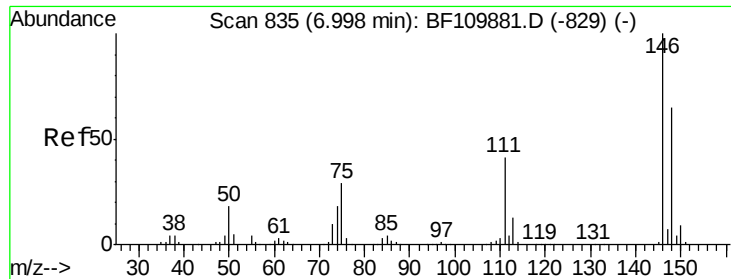
#12
1,3-Dichlorobenzene
Concen: 40.236 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF109959.D
Acq: 18 Oct 2018 14:17

Tgt Ion: 146 Resp: 738356
Ion Ratio Lower Upper
146 100
148 64.2 50.4 75.6
75 27.9 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

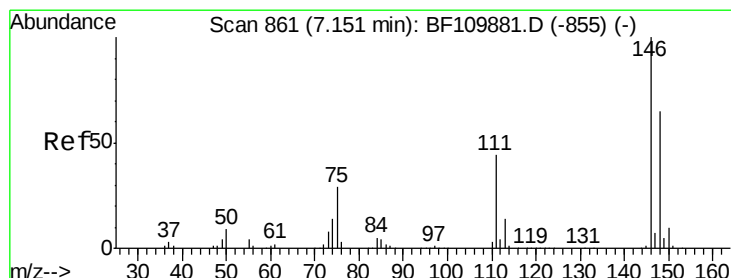
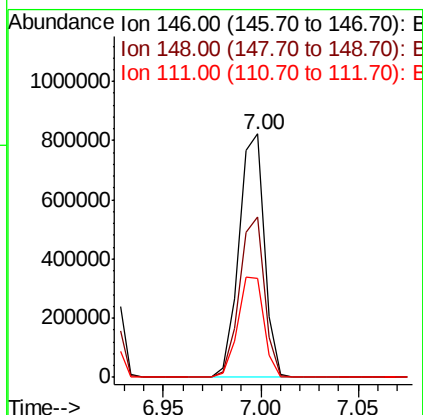
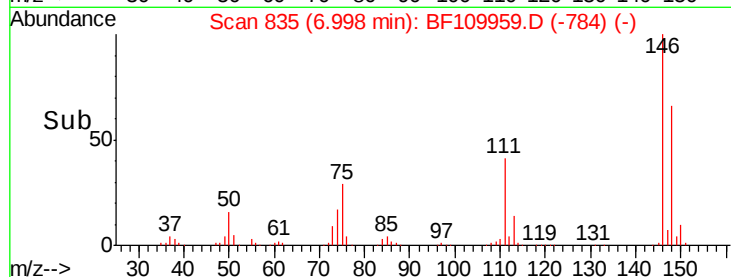
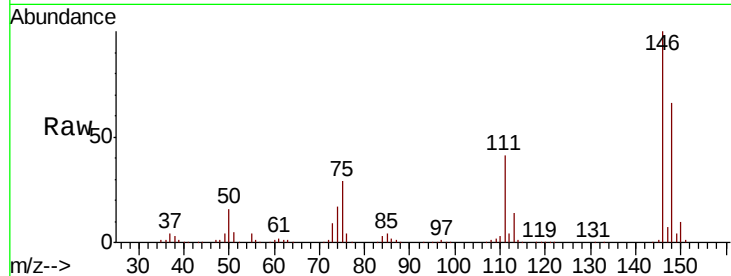




#13
 1,4-Dichlorobenzene
 Concen: 40.090 ng
 RT: 7.00 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BF109959.D
 Acq: 18 Oct 2018 14:17

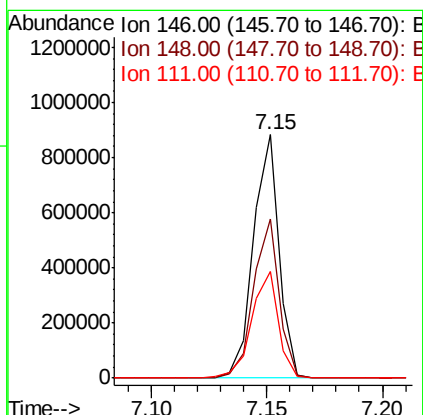
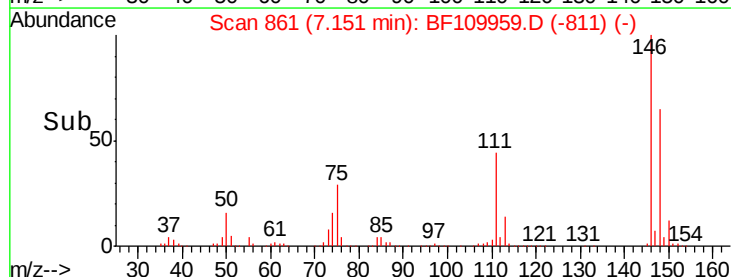
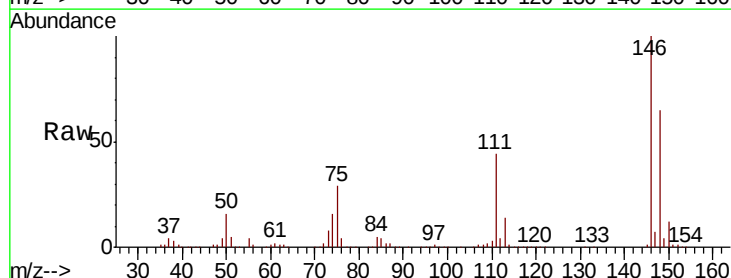
Instrument :
 BNA_F
 ClientSampled :

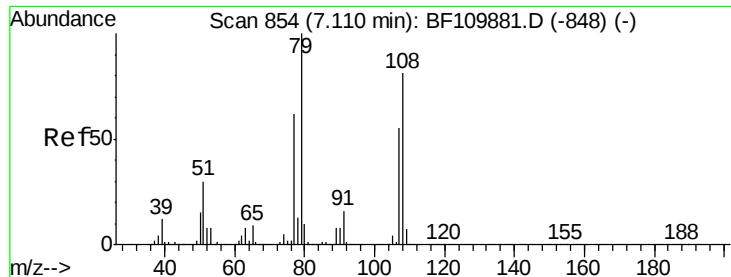
Tot Ion:146 Resp: 740914
 Ion Ratio Lower Upper
 146 100
 148 65.9 50.3 75.5
 111 40.9 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 40.310 ng
 RT: 7.15 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BF109959.D
 Acq: 18 Oct 2018 14:17

Tgt Ion:146 Resp: 686006
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.1 76.7
 111 43.9 35.8 53.6





#15

Benzyl Alcohol

Concen: 43.037 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF109959.D

Acq: 18 Oct 2018 14:17

Instrument :

BNA_F

ClientSampleId :

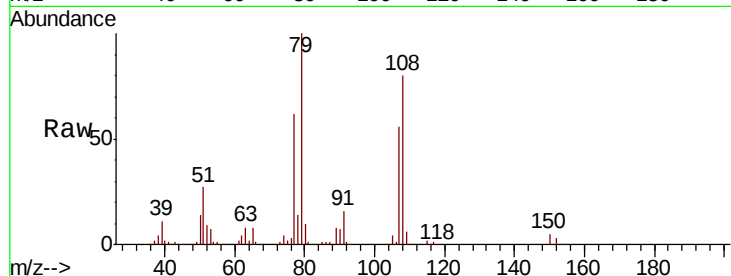
Tot Ion: 79 Resp: 614249

Ion Ratio Lower Upper

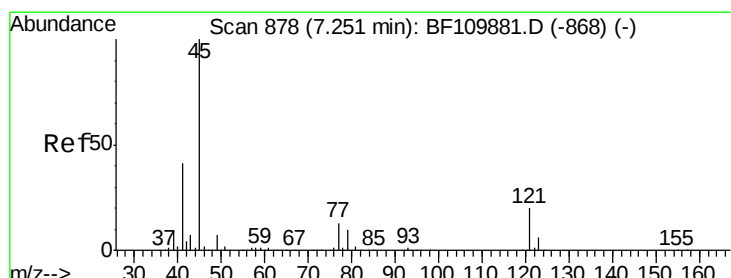
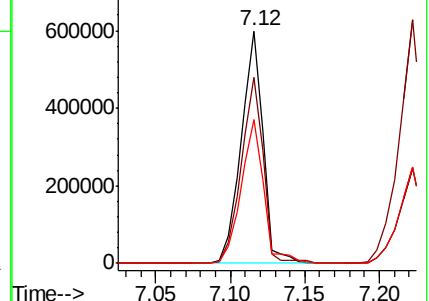
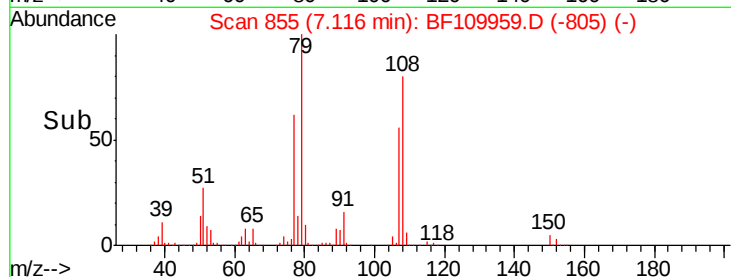
79 100

108 79.8 56.3 84.5

77 61.6 52.9 79.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.503 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF109959.D

Acq: 18 Oct 2018 14:17

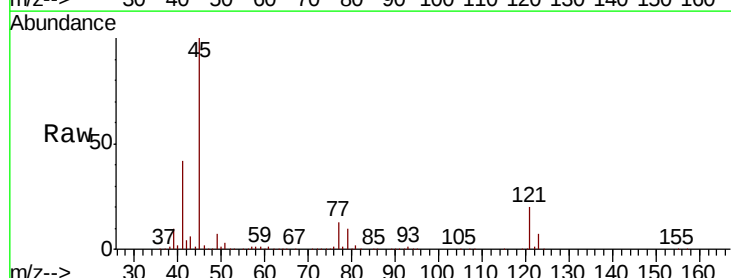
Tgt Ion: 45 Resp: 1085866

Ion Ratio Lower Upper

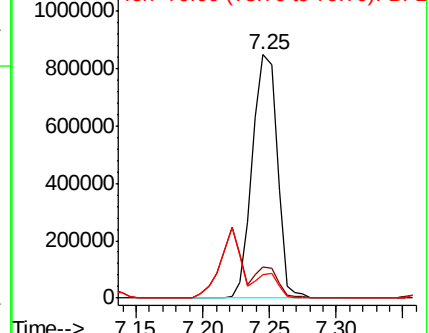
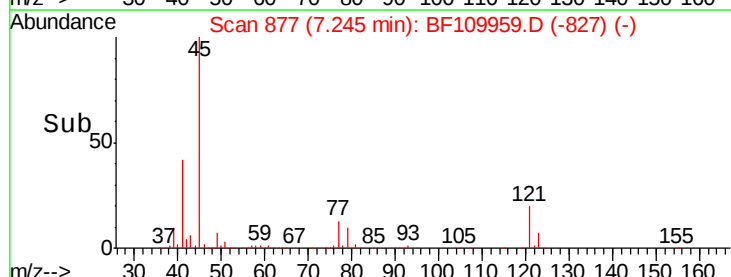
45 100

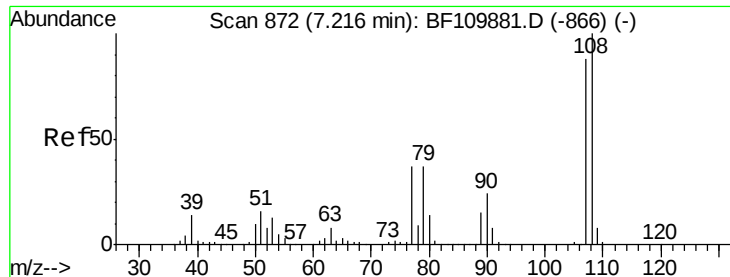
77 12.6 10.0 50.0

79 9.7 6.1 46.1



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





#17

2-Methylphenol

Concen: 43.738 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF109959.D

Acq: 18 Oct 2018 14:17

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 590236

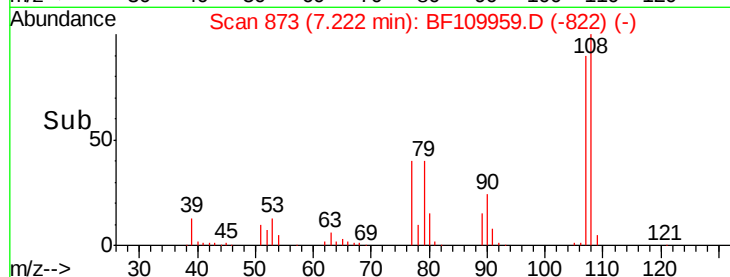
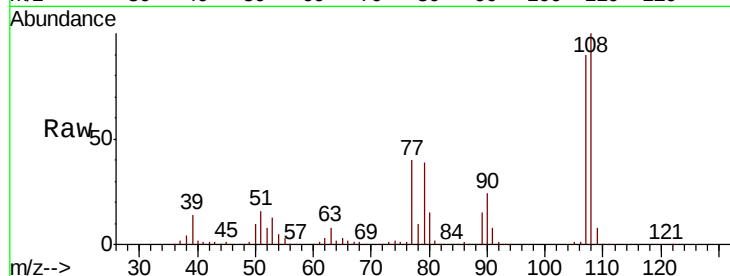
Ion Ratio Lower Upper

107 100

108 111.4 92.6 138.8

77 44.1 59.4 89.2#

79 43.8 54.0 81.0#



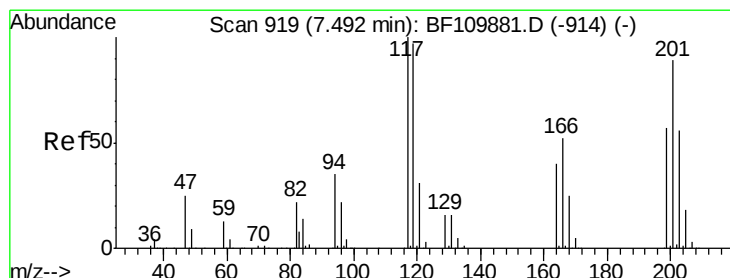
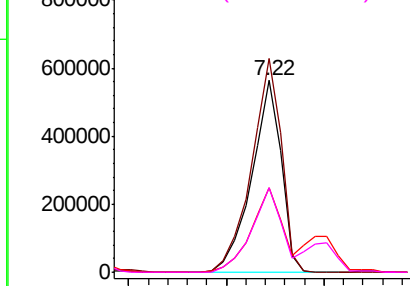
Abundance

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: 41.743 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF109959.D

Acq: 18 Oct 2018 14:17

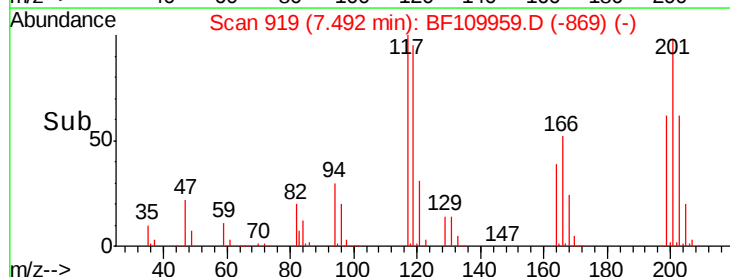
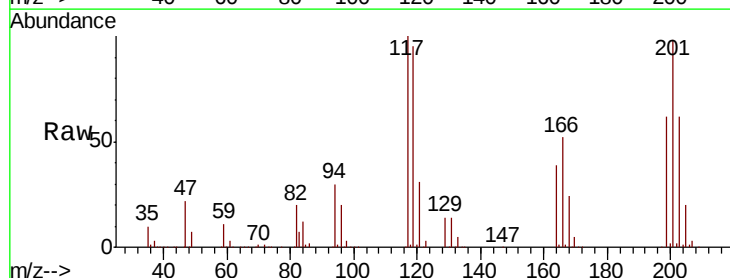
Tgt Ion:117 Resp: 272627

Ion Ratio Lower Upper

117 100

119 95.1 75.0 112.6

201 97.7 79.2 118.8

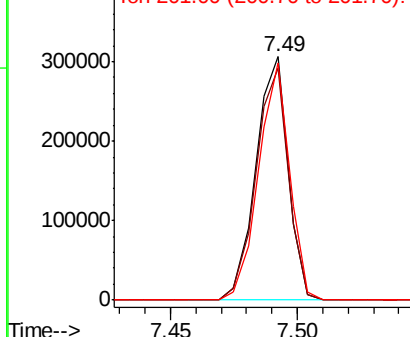


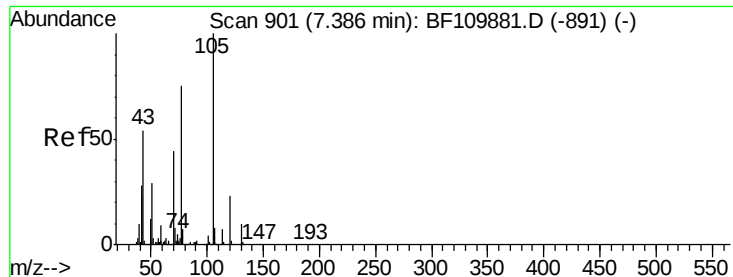
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

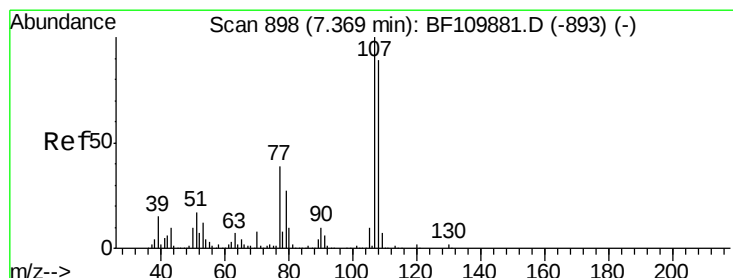
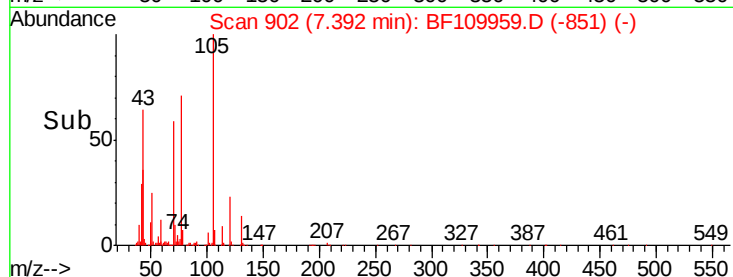
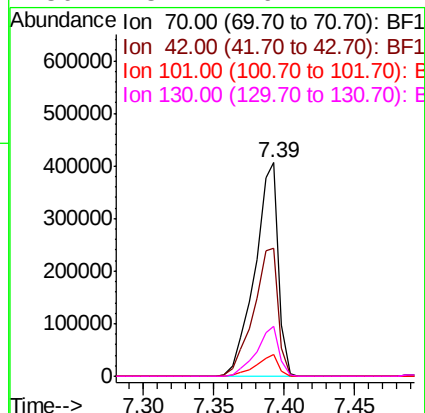
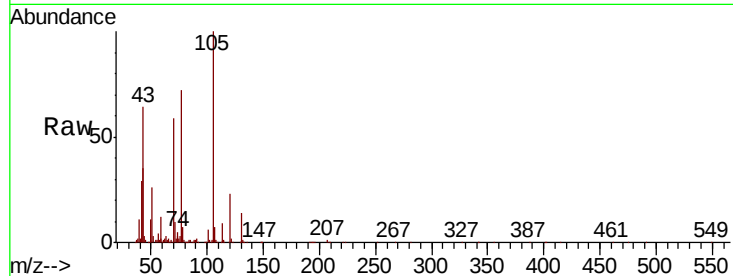




#19
n-Nitroso-di-n-propylamine
Concen: 39.907 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.00 min
Lab File: BF109959.D
Acq: 18 Oct 2018 14:17

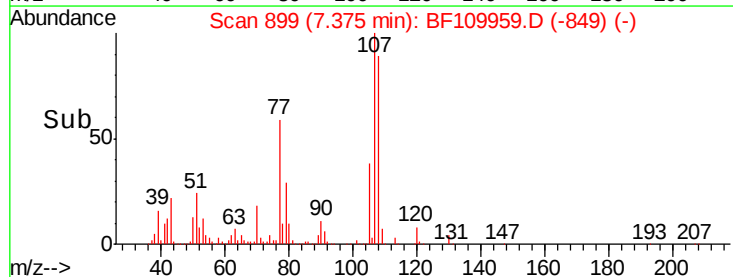
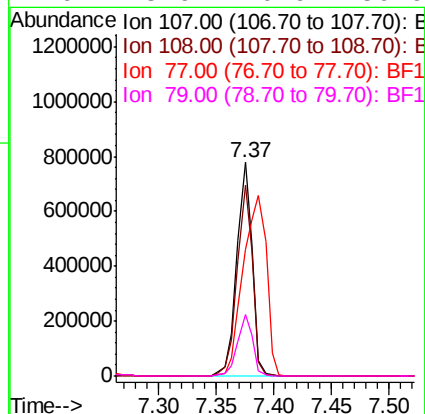
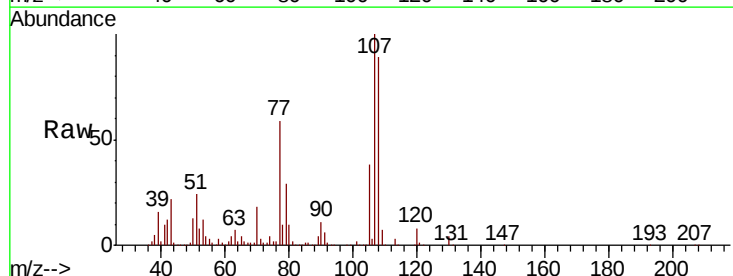
Instrument :
BNA_F
ClientSampleId :

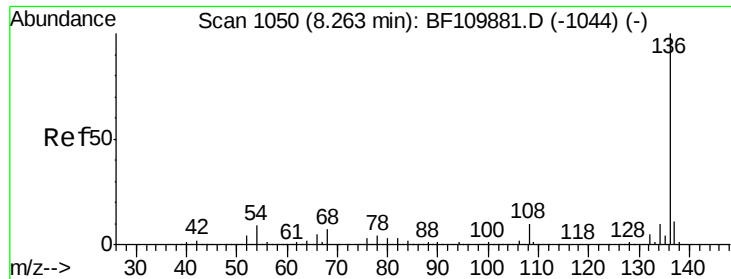
Tot Ion: 70 Resp: 475366
Ion Ratio Lower Upper
70 100
42 59.7 47.4 71.2
101 10.2 7.3 10.9
130 23.4 16.2 24.2



#20
3+4-Methylphenols
Concen: 41.812 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF109959.D
Acq: 18 Oct 2018 14:17

Tgt Ion:107 Resp: 716018
Ion Ratio Lower Upper
107 100
108 89.0 71.4 111.4
77 59.5 47.3 87.3
79 28.6 10.9 50.9

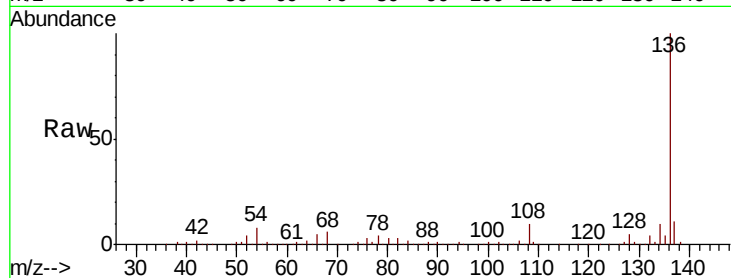




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF109959.D
Acq: 18 Oct 2018 14:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	923454
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.8 13.2
54	7.8	5.4 8.2
68	5.7	4.2 6.2



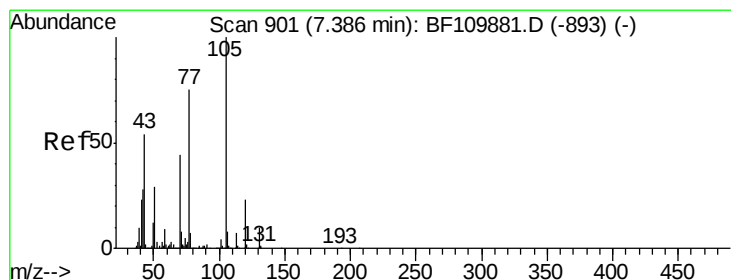
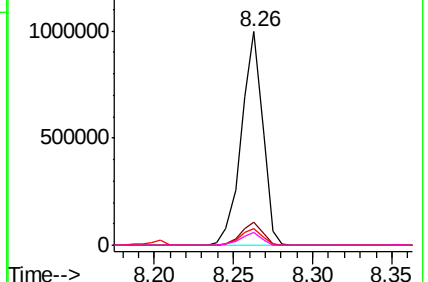
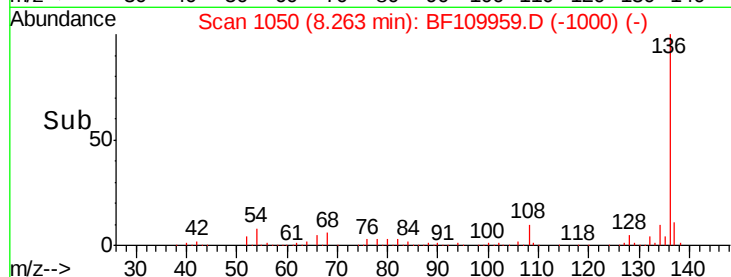
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

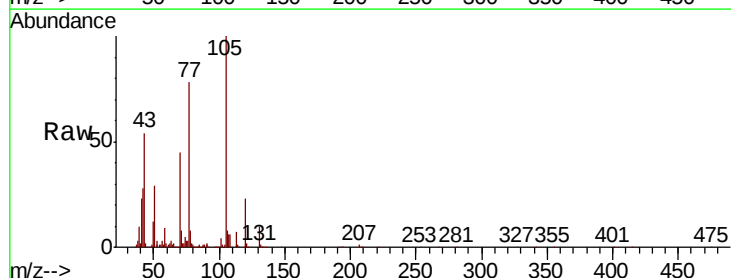
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 44.021 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF109959.D
Acq: 18 Oct 2018 14:17

Tgt Ion:105	Resp:	942745
Ion	Ratio	Lower Upper
105	100	
71	7.6	5.2 7.8
51	29.0	21.8 32.8
120	22.5	17.0 25.4



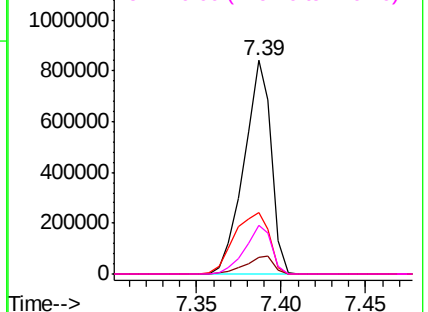
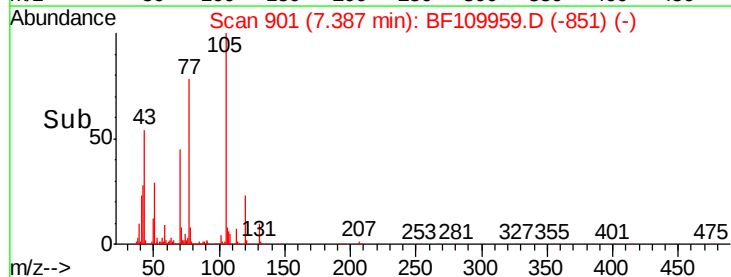
Abundance

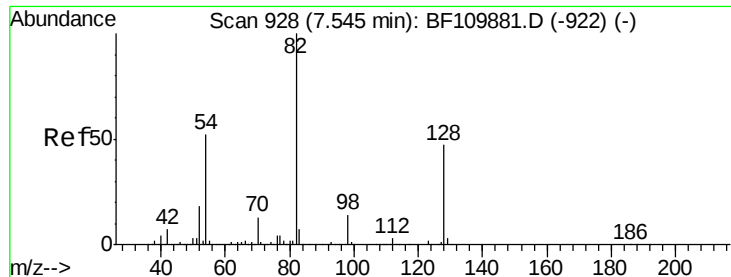
Ion 105.00 (104.70 to 105.70): E

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



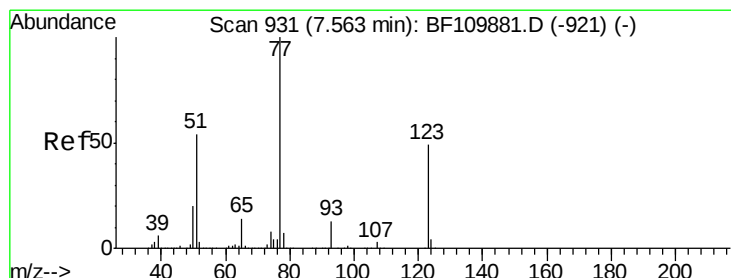
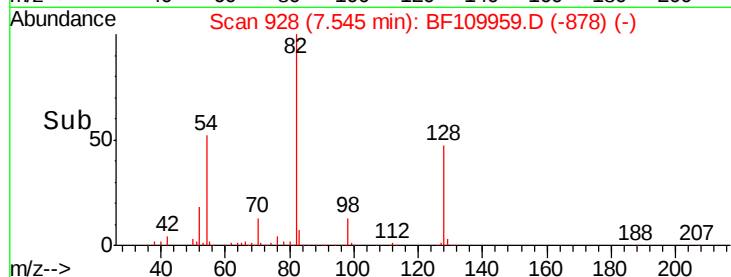
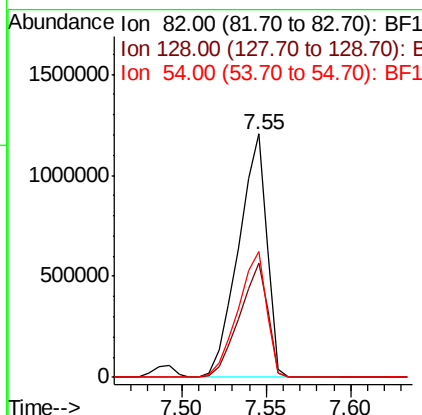
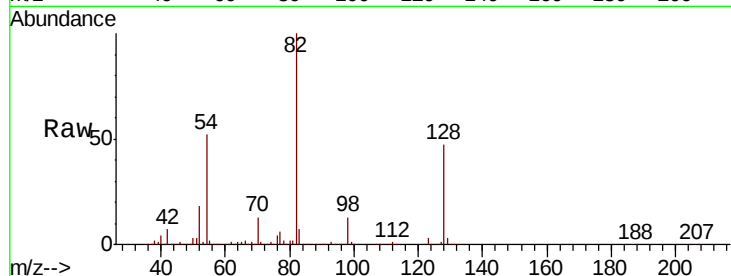


#23
 Nitrobenzene-d5
 Concen: 103.419 ng
 RT: 7.55 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF109959.D
 Acq: 18 Oct 2018 14:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1417710

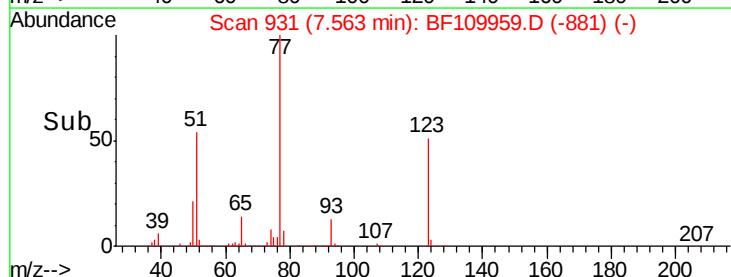
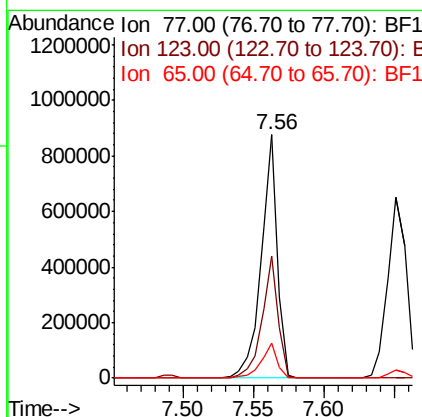
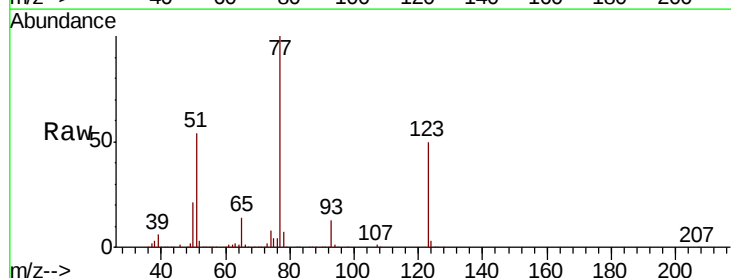
Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.2	51.2
54	51.8	38.6	58.0

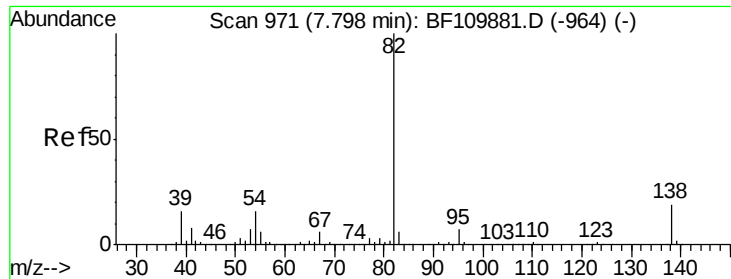


#24
 Nitrobenzene
 Concen: 47.612 ng
 RT: 7.56 min Scan# 931
 Delta R.T. -0.01 min
 Lab File: BF109959.D
 Acq: 18 Oct 2018 14:17

Tgt Ion: 77 Resp: 709034

Ion	Ratio	Lower	Upper
77	100		
123	50.3	35.7	53.5
65	14.2	10.7	16.1

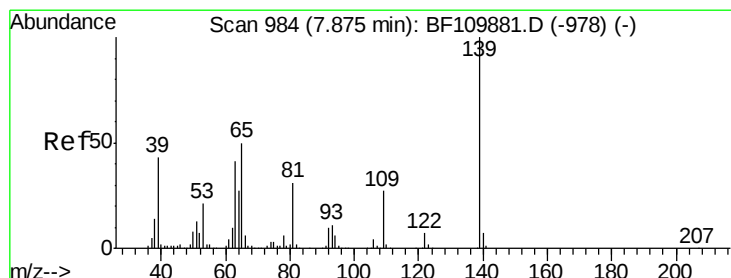
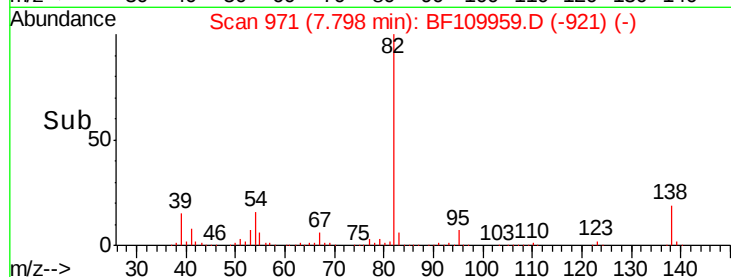
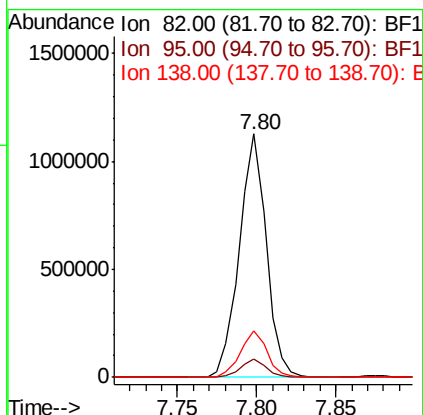
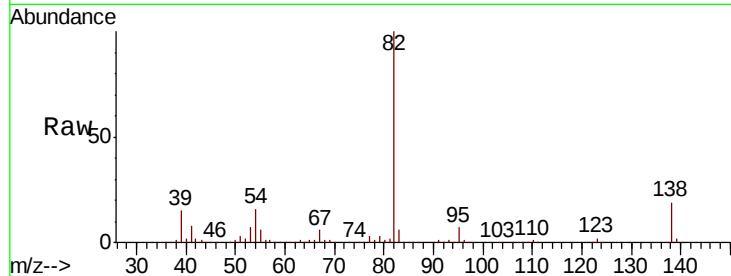




#25
Isophorone
Concen: 49.589 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF109959.D
Acq: 18 Oct 2018 14:17

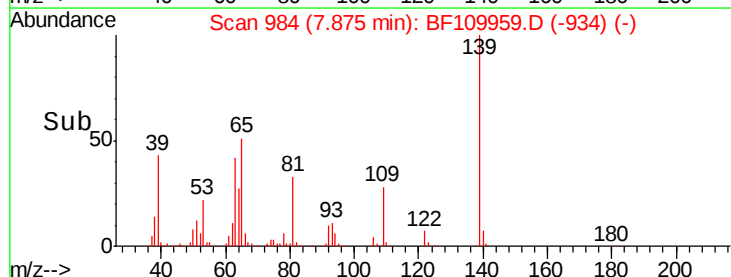
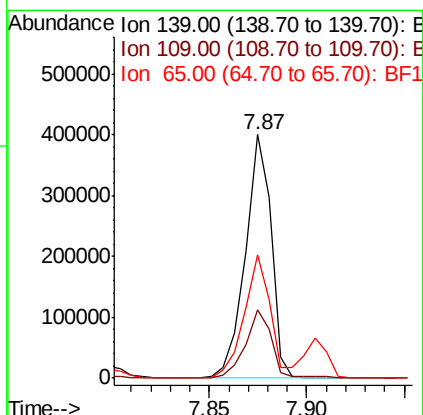
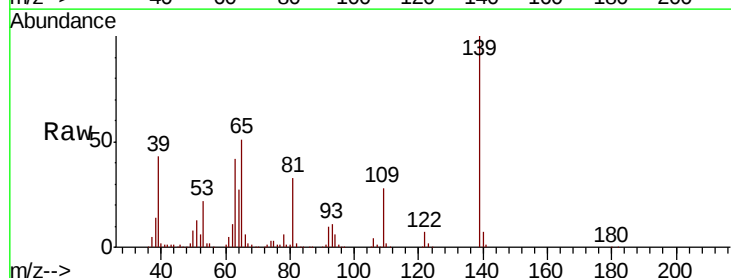
Instrument :
BNA_F
ClientSampleId :

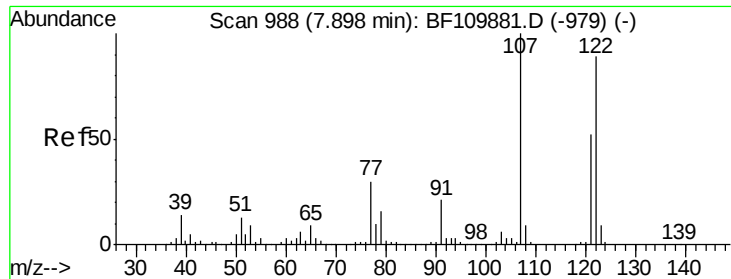
Tot Ion: 82 Resp: 1335701
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 19.2 13.2 19.8



#26
2-Nitrophenol
Concen: 59.433 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF109959.D
Acq: 18 Oct 2018 14:17

Tgt Ion: 139 Resp: 366971
Ion Ratio Lower Upper
139 100
109 28.1 25.0 37.6
65 50.9 44.0 66.0

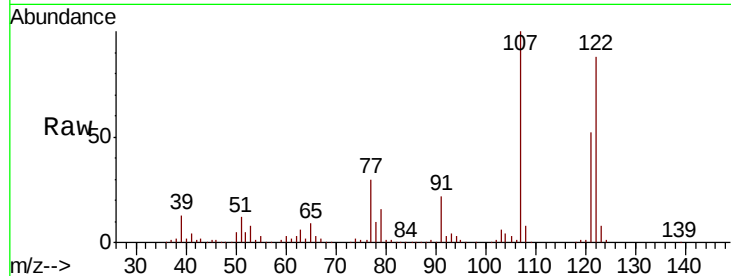




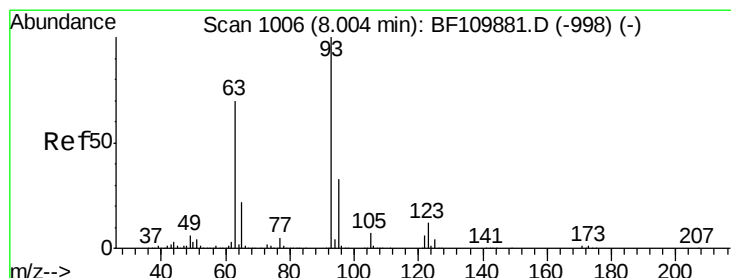
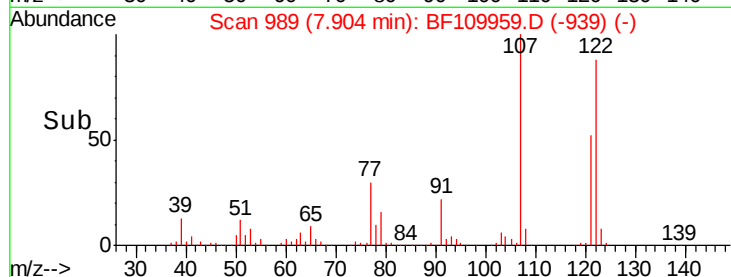
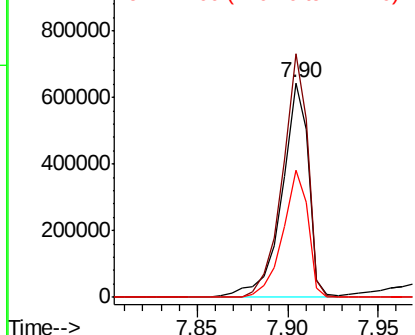
#27
2,4-Dimethylphenol
Concen: 50.955 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF109959.D
Acq: 18 Oct 2018 14:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 661094
Ion Ratio Lower Upper
122 100
107 113.6 92.5 138.7
121 59.3 45.8 68.8

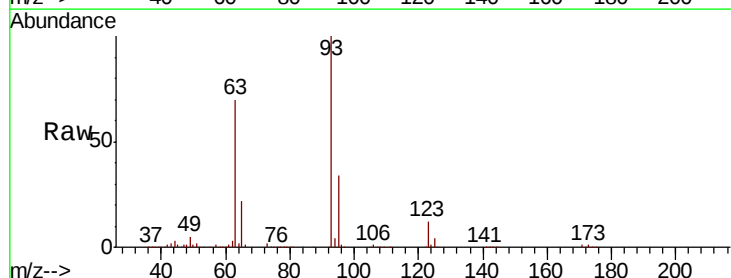


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

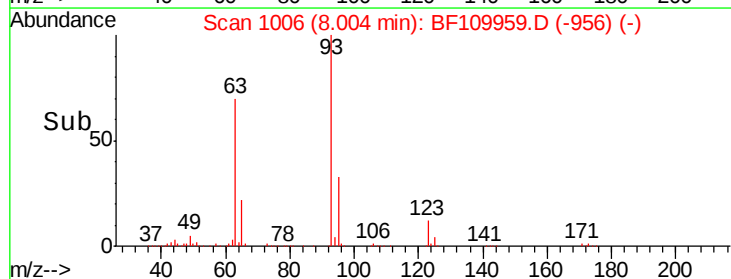
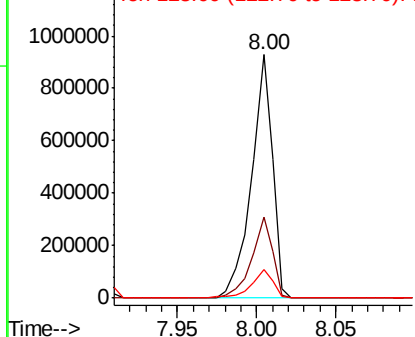


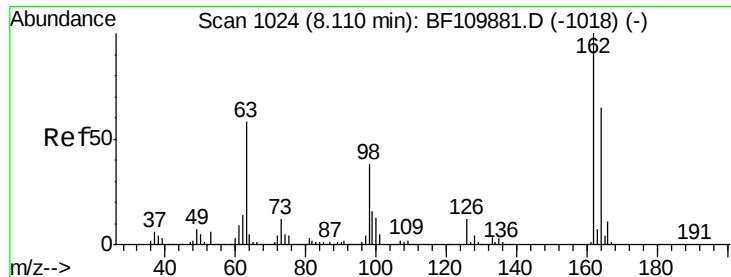
#28
bis(2-Chloroethoxy)methane
Concen: 46.069 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF109959.D
Acq: 18 Oct 2018 14:17

Tgt Ion: 93 Resp: 851620
Ion Ratio Lower Upper
93 100
95 33.5 26.4 39.6
123 11.8 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

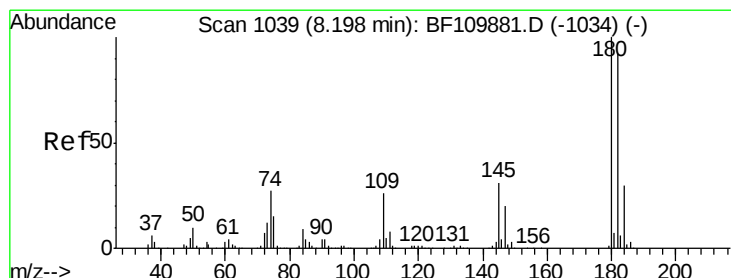
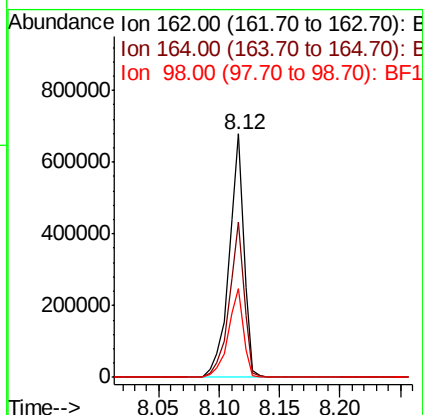
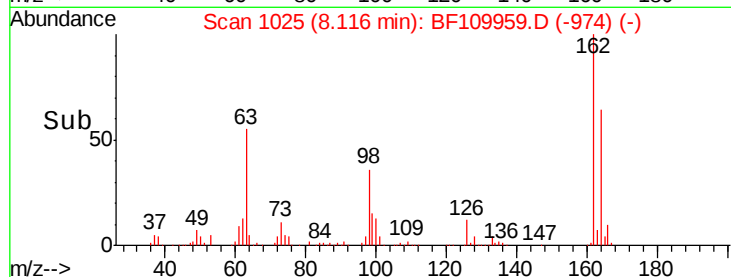
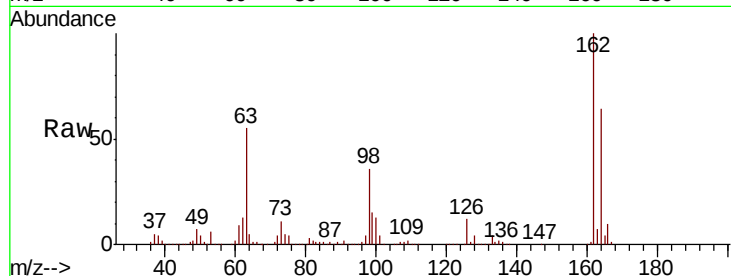




#29
2,4-Dichlorophenol
Concen: 46.368 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF109959.D
Acq: 18 Oct 2018 14:17

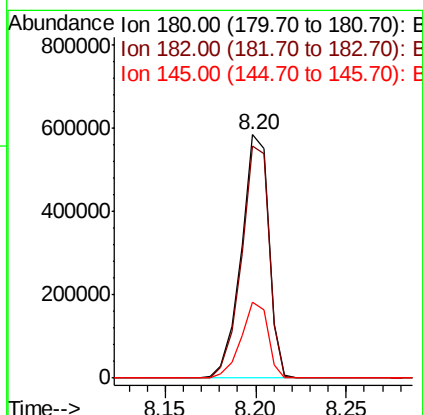
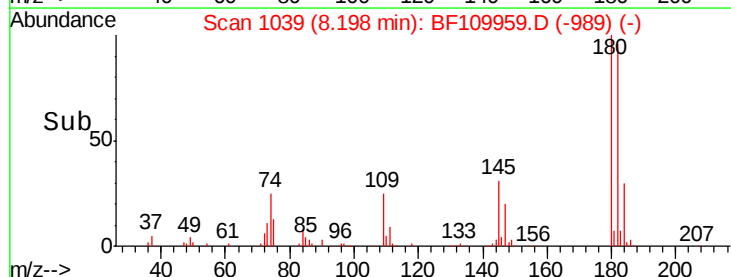
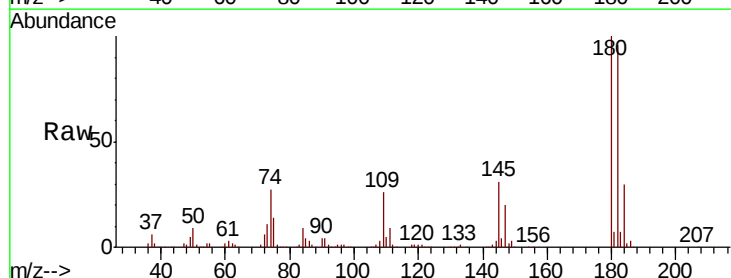
Instrument :
BNA_F
ClientSampled :

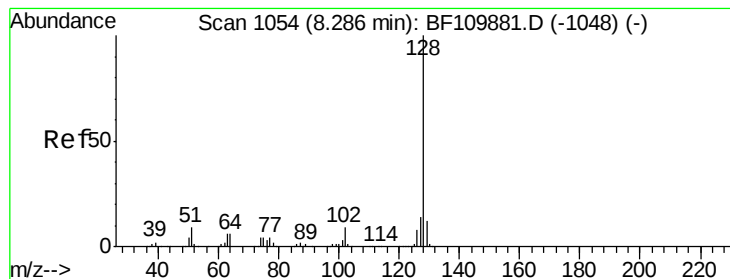
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.6	84.6
98	36.2	17.4	57.4



#30
1,2,4-Trichlorobenzene
Concen: 43.695 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF109959.D
Acq: 18 Oct 2018 14:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	80.3	120.5
145	31.3	25.4	38.0





#31

Naphthalene

Concen: 45.709 ng

RT: 8.29 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BF109959.D

Acq: 18 Oct 2018 14:17

Instrument :

BNA_F

ClientSampled :

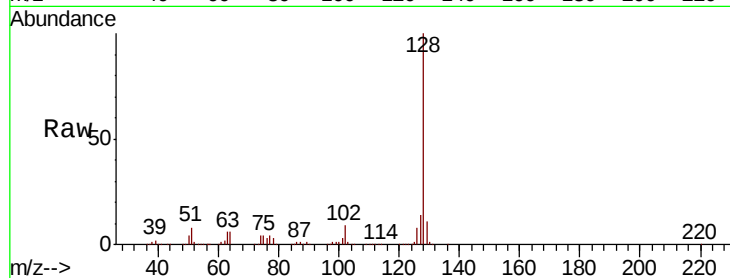
Tot Ion:128 Resp: 1935596

Ion Ratio Lower Upper

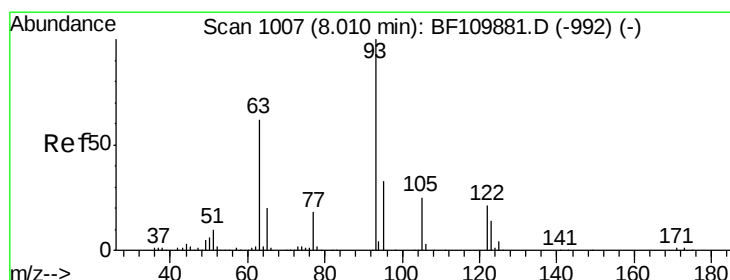
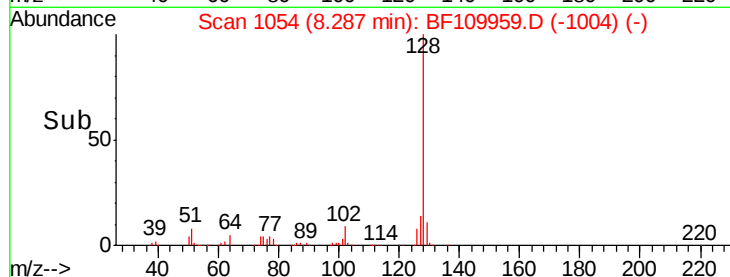
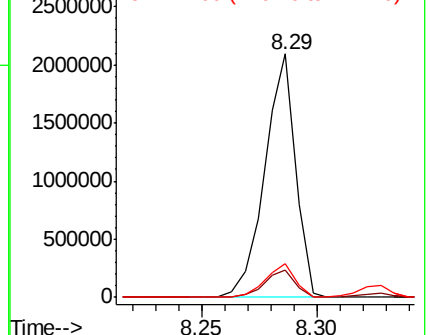
128 100

129 11.5 8.8 13.2

127 14.0 10.8 16.2



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



#32

Benzoic acid

Concen: 12.128 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.03 min

Lab File: BF109959.D

Acq: 18 Oct 2018 14:17

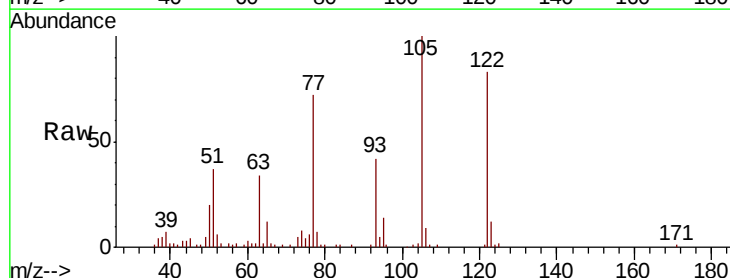
Tgt Ion:122 Resp: 98038

Ion Ratio Lower Upper

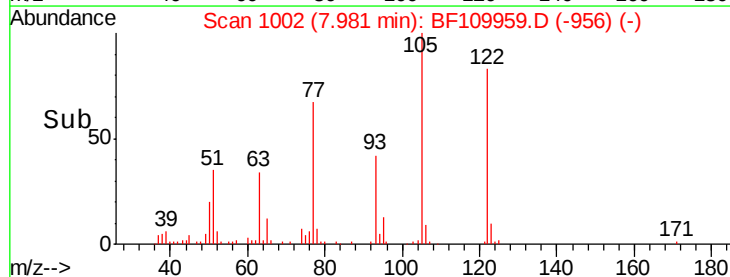
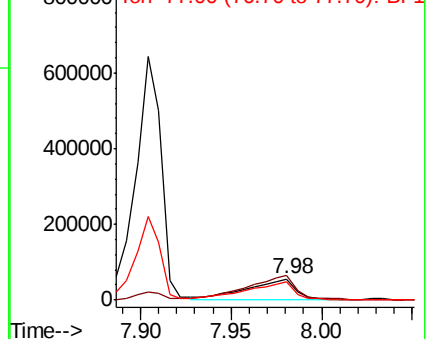
122 100

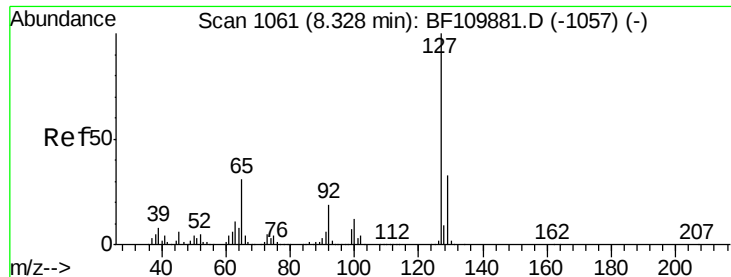
105 119.9 109.0 149.0

77 86.7 79.0 119.0



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

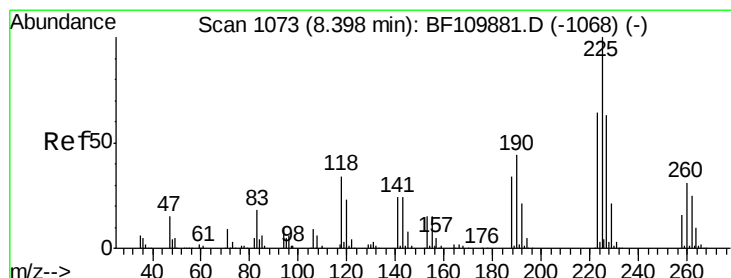
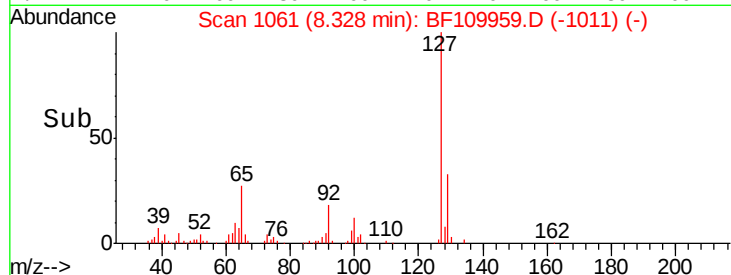
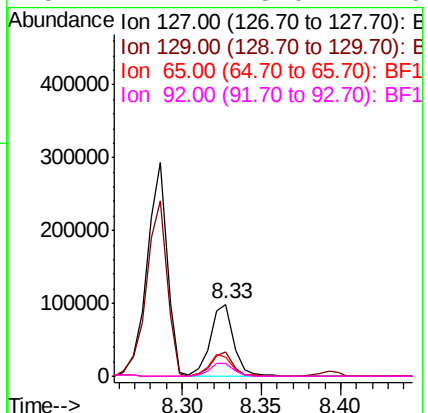
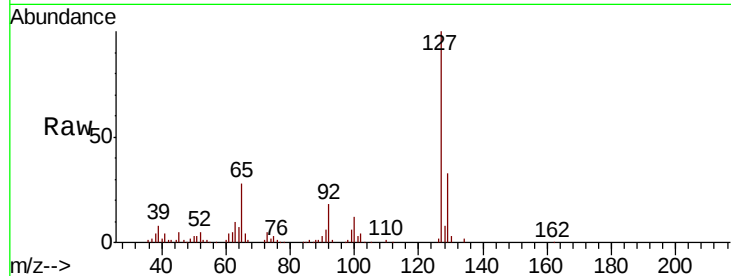




#33
 4-Chloroaniline
 Concen: 5.298 ng
 RT: 8.33 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF109959.D
 Acq: 18 Oct 2018 14:17

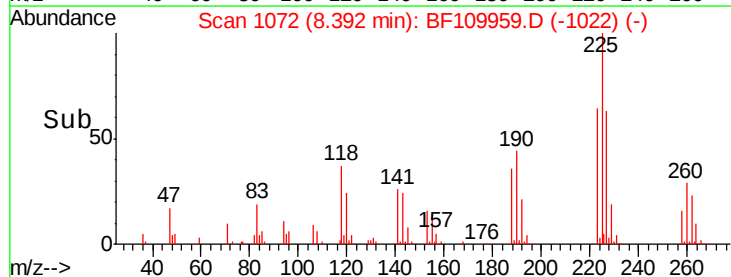
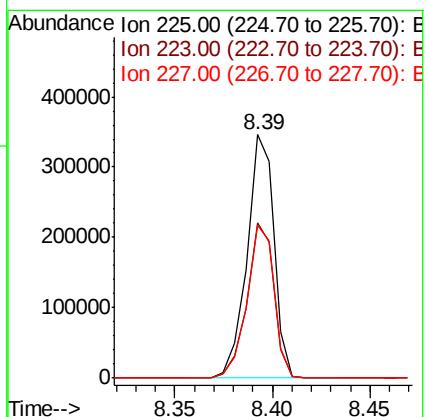
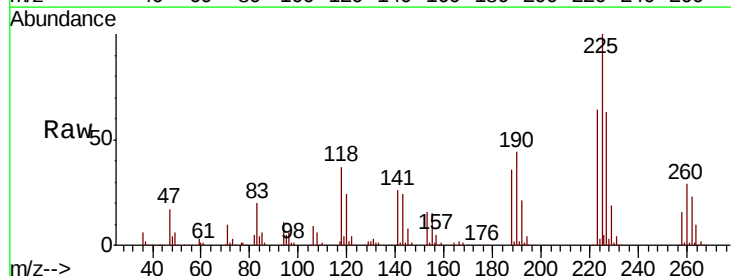
Instrument :
 BNA_F
 ClientSampleId :

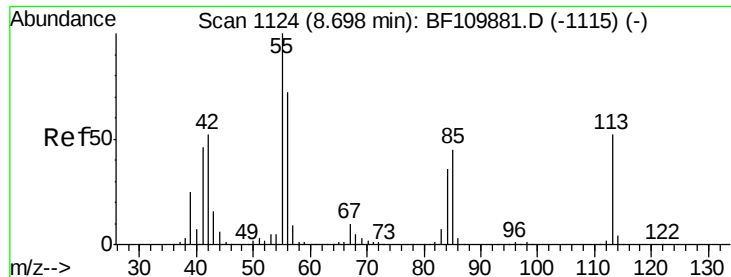
Tot Ion:	127	Resp:	100854
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.0	39.0
65	27.5	25.1	37.7
92	17.7	15.0	22.6



#34
 Hexachlorobutadiene
 Concen: 42.506 ng
 RT: 8.39 min Scan# 1072
 Delta R.T. -0.01 min
 Lab File: BF109959.D
 Acq: 18 Oct 2018 14:17

Tgt Ion:	225	Resp:	330309
Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.4	77.2
227	63.0	51.0	76.6

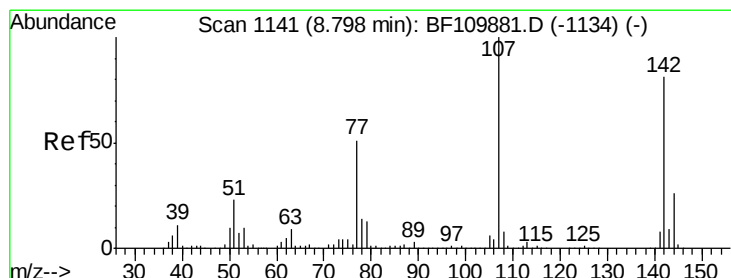
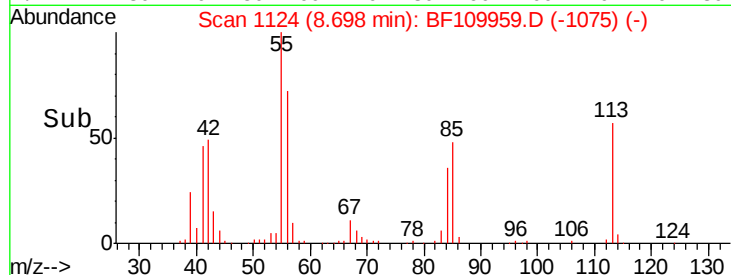
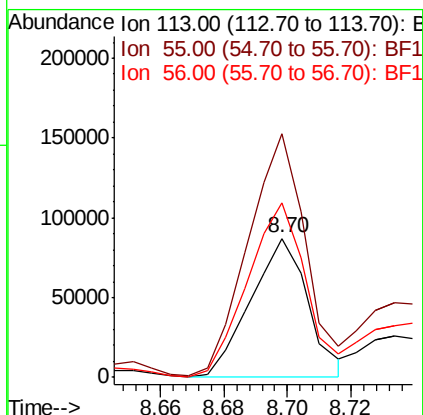
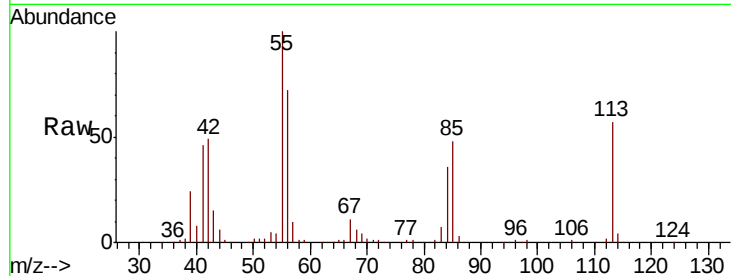




#35
 Caprolactam
 Concen: 24.466 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF109959.D
 Acq: 18 Oct 2018 14:17

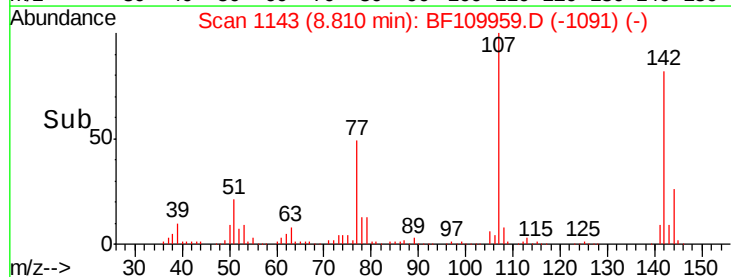
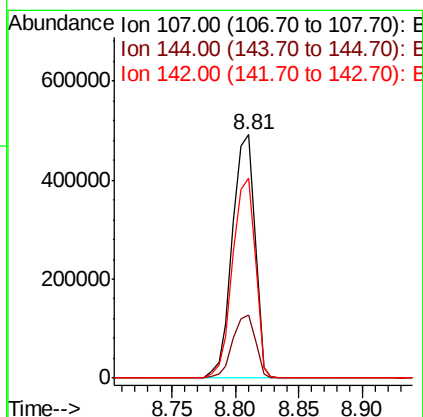
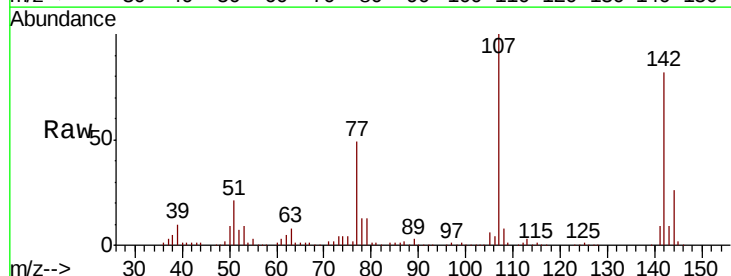
Instrument :
 BNA_F
 ClientSampleId :

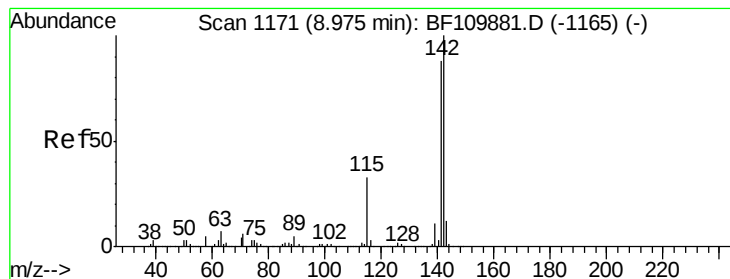
Tot Ion:113 Resp: 109360
 Ion Ratio Lower Upper
 113 100
 55 175.1 142.8 182.8
 56 125.7 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 45.645 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: BF109959.D
 Acq: 18 Oct 2018 14:17

Tgt Ion:107 Resp: 606048
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.0 30.0
 142 82.2 59.7 89.5





#37

2-Methylnaphthalene

Concen: 47.618 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF109959.D

Acq: 18 Oct 2018 14:17

Instrument :

BNA_F

ClientSampleId :

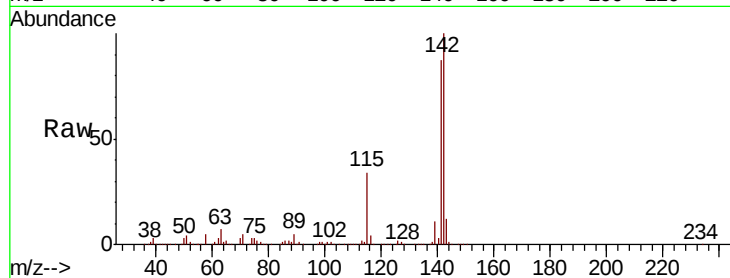
Tot Ion:142 Resp: 1305716

Ion Ratio Lower Upper

142 100

141 87.4 71.4 107.2

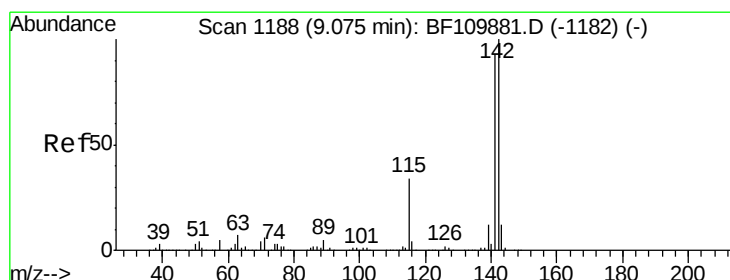
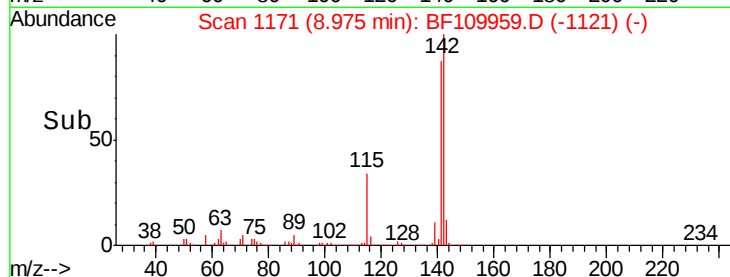
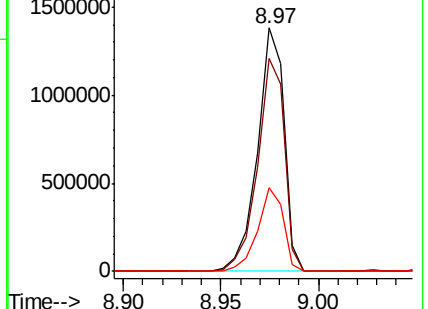
115 34.2 28.7 43.1



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

1-Methylnaphthalene

Concen: 46.492 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF109959.D

Acq: 18 Oct 2018 14:17

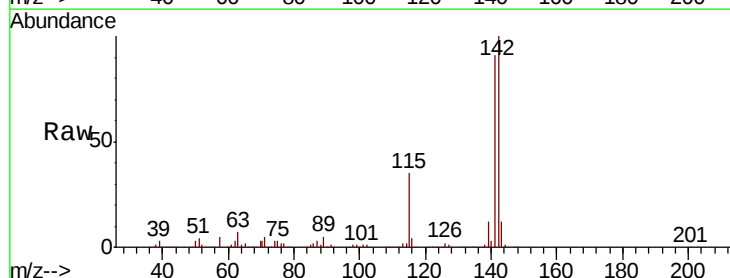
Tgt Ion:142 Resp: 1235315

Ion Ratio Lower Upper

142 100

141 90.7 74.2 111.4

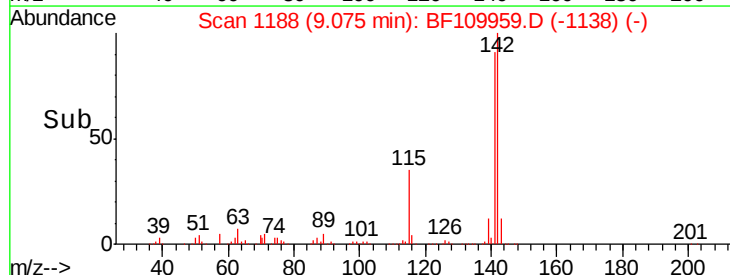
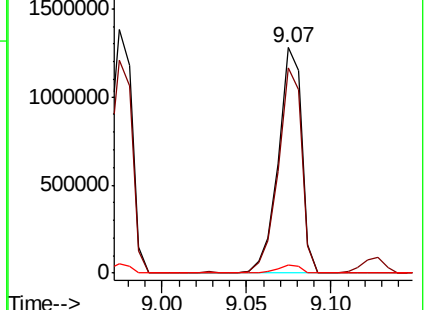
116 3.6 2.6 4.0

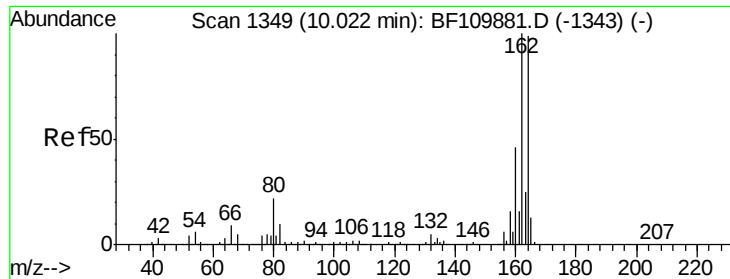


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BF109959.D

Acq: 18 Oct 2018 14:17

Instrument :

BNA_F

ClientSampleId :

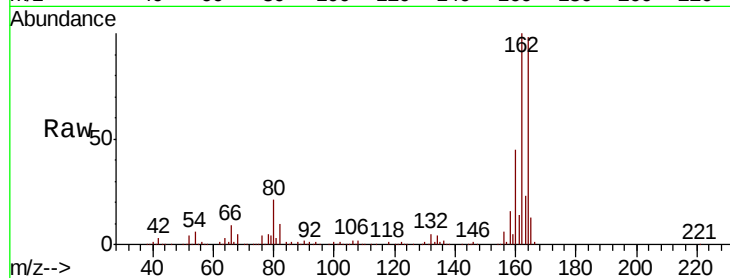
Tot Ion:164 Resp: 415784

Ion Ratio Lower Upper

164 100

162 102.2 83.0 124.6

160 46.3 37.0 55.6

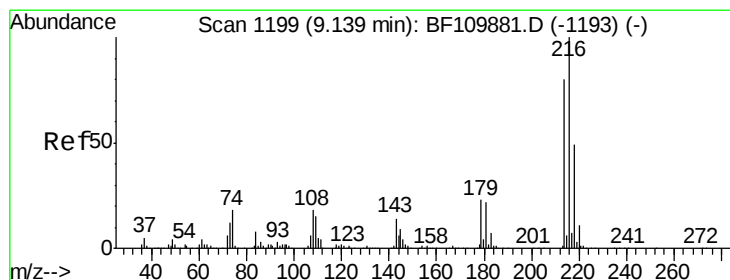
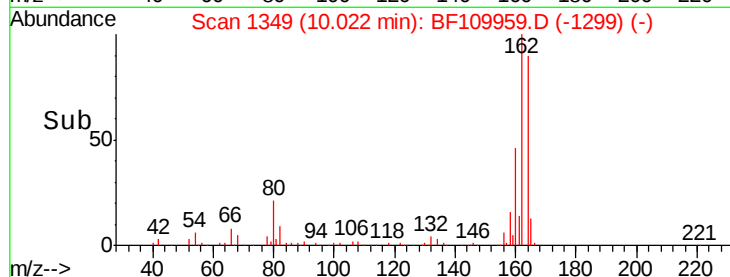
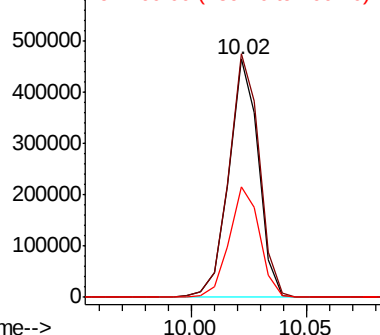


Abundance

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.960 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BF109959.D

Acq: 18 Oct 2018 14:17

Tgt Ion:216 Resp: 550167

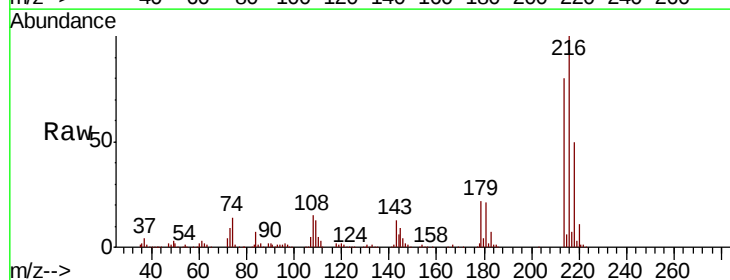
Ion Ratio Lower Upper

216 100

214 79.9 63.8 95.6

179 22.9 16.6 25.0

108 21.9 15.1 22.7



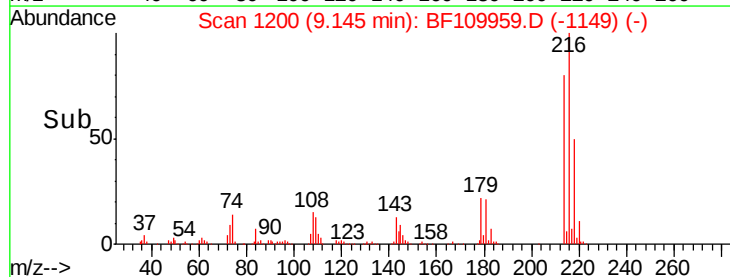
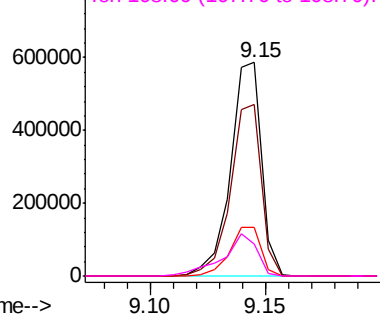
Abundance

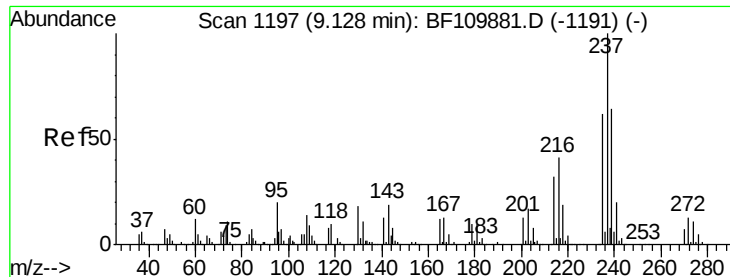
Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 99.782 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BF109959.D

Acq: 18 Oct 2018 14:17

Instrument :

BNA_F

ClientSampleId :

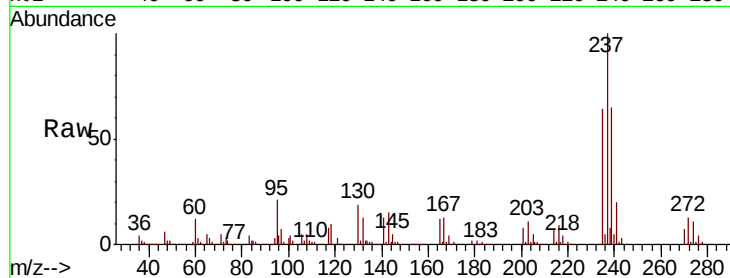
Tot Ion:237 Resp: 616771

Ion Ratio Lower Upper

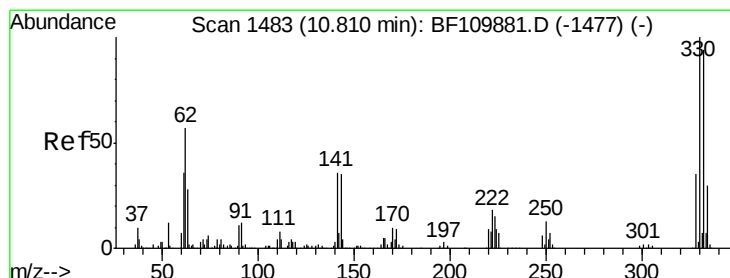
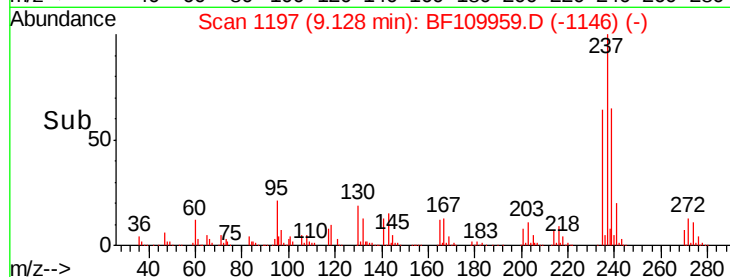
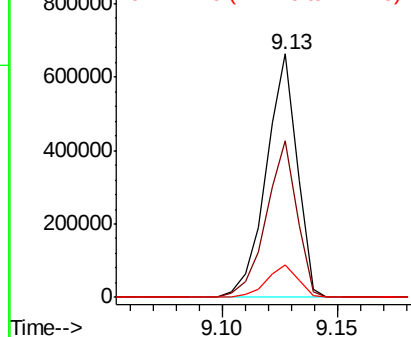
237 100

235 64.3 43.1 83.1

272 13.4 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



#42

2,4,6-Tribromophenol

Concen: 132.761 ng

RT: 10.82 min Scan# 1484

Delta R.T. -0.00 min

Lab File: BF109959.D

Acq: 18 Oct 2018 14:17

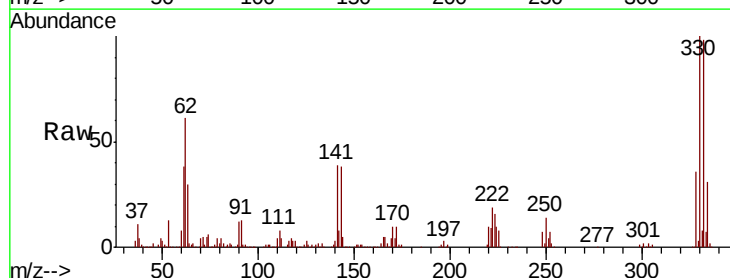
Tgt Ion:330 Resp: 477905

Ion Ratio Lower Upper

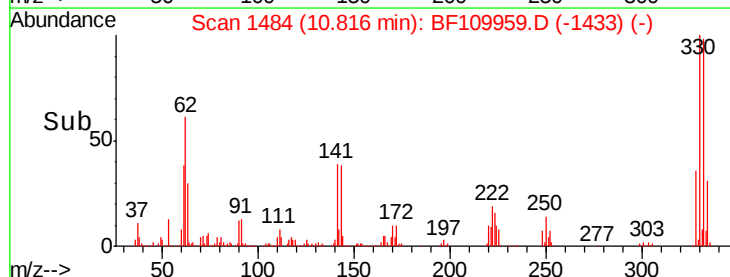
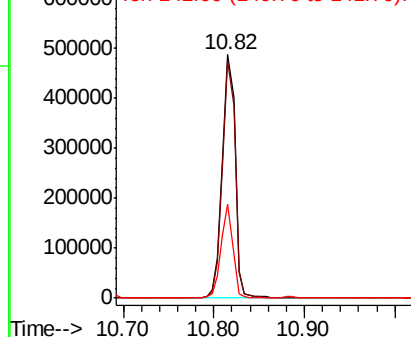
330 100

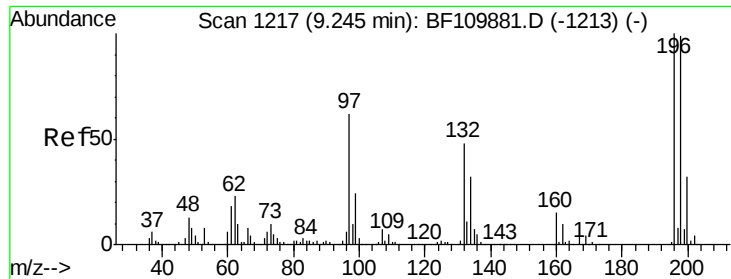
332 96.5 77.1 115.7

141 35.1 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

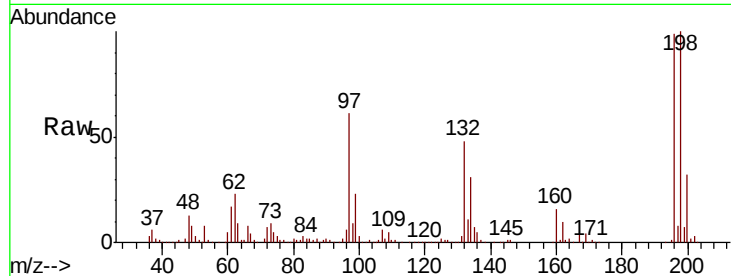




#43
 2,4,6-Trichlorophenol
 Concen: 48.680 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF109959.D
 Acq: 18 Oct 2018 14:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	389818
Ion Ratio	Lower	Upper	
196	100		
198	101.2	76.2	114.4
200	31.9	24.4	36.6

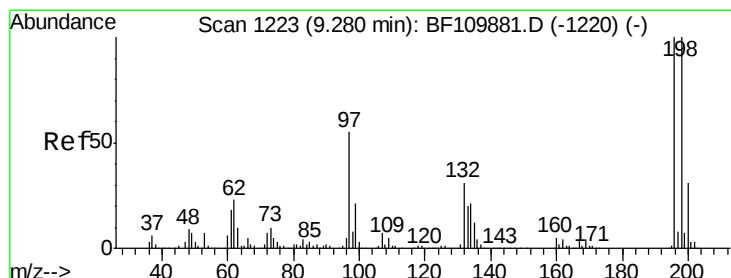
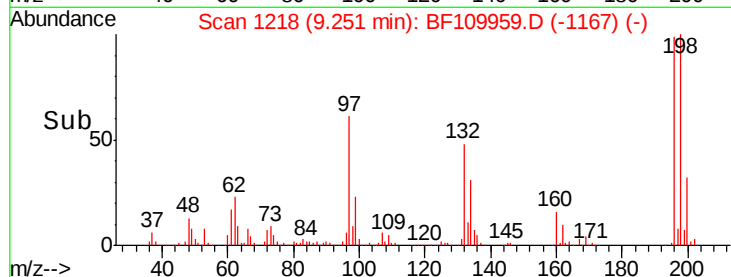
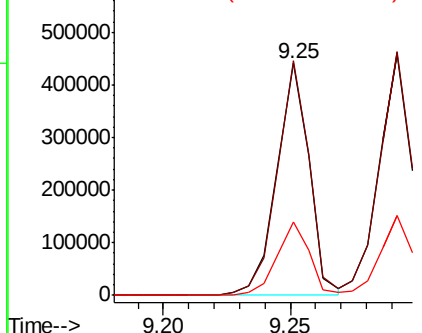


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 48.631 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF109959.D
 Acq: 18 Oct 2018 14:17

Tgt Ion	196	Resp	404179
Ion Ratio	Lower	Upper	
196	100		
198	100.7	75.8	113.6
97	50.5	42.4	63.6
132	30.3	22.8	34.2

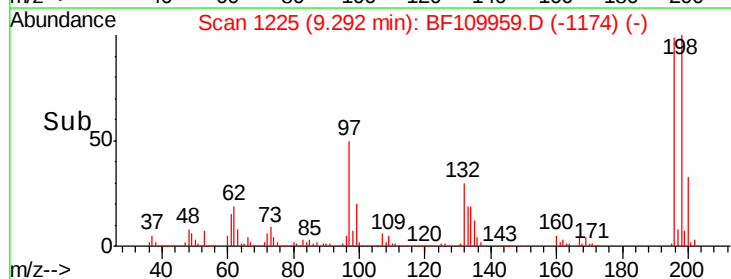
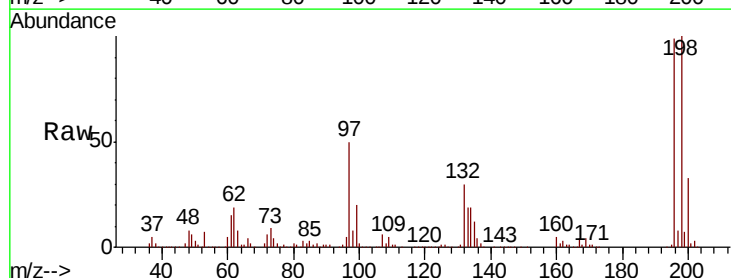
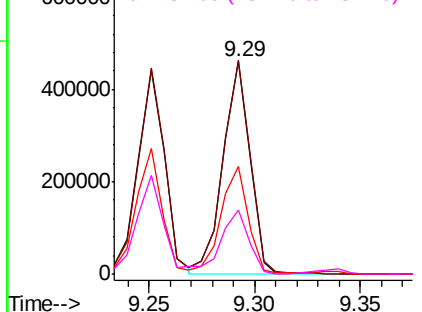
Abundance

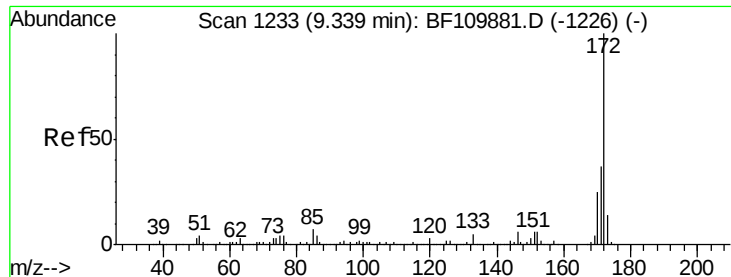
Ion 196.00 (195.70 to 196.70): E

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

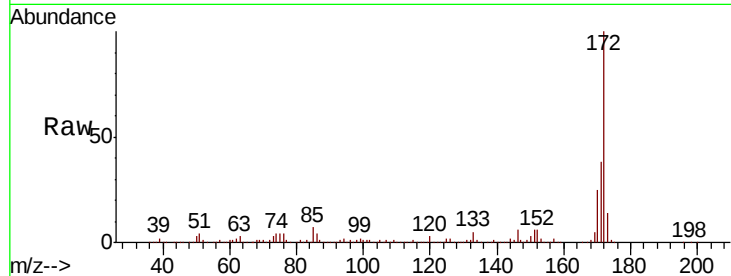




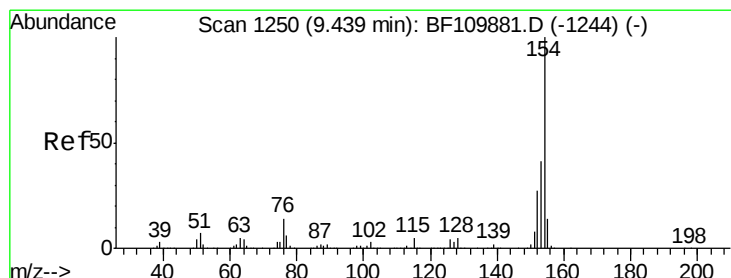
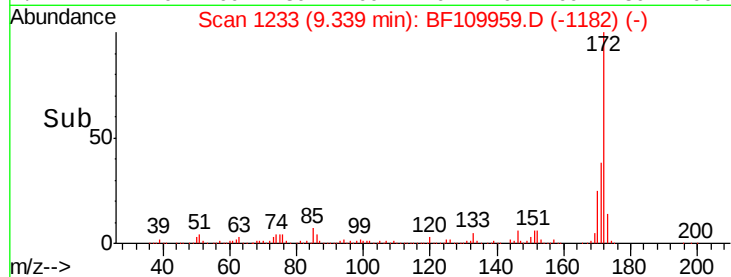
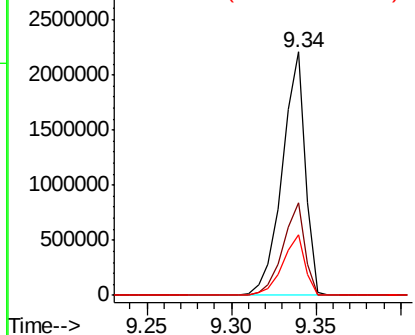
#45
 2-Fluorobiphenyl
 Concen: 80.448 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF109959.D
 Acq: 18 Oct 2018 14:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 2096252
 Ion Ratio Lower Upper
 172 100
 171 37.9 28.6 43.0
 170 24.8 19.7 29.5

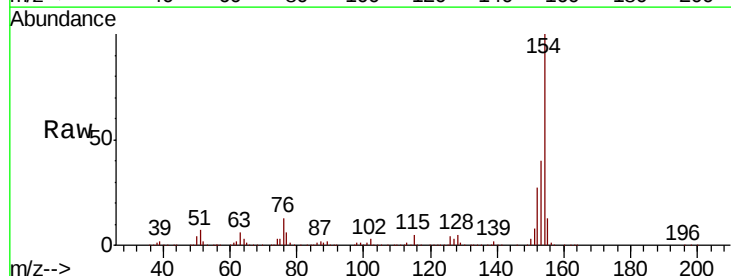


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

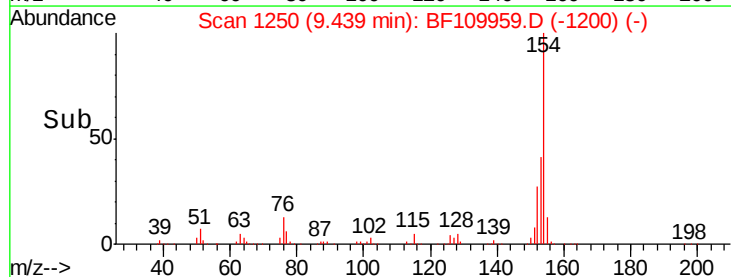
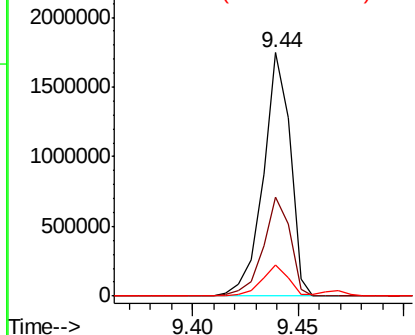


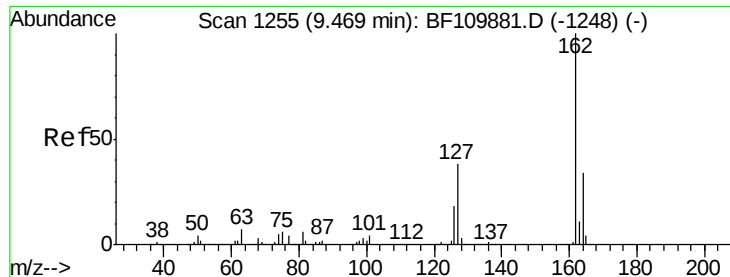
#46
 1,1'-Biphenyl
 Concen: 41.973 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. -0.01 min
 Lab File: BF109959.D
 Acq: 18 Oct 2018 14:17

Tgt Ion:154 Resp: 1554877
 Ion Ratio Lower Upper
 154 100
 153 40.5 20.4 60.4
 76 12.9 0.0 31.9



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

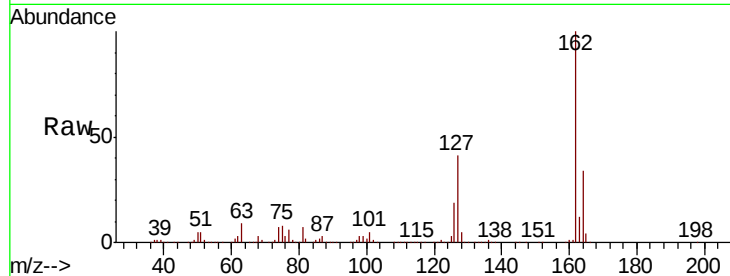




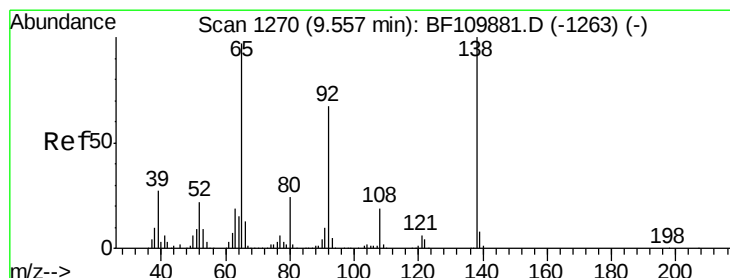
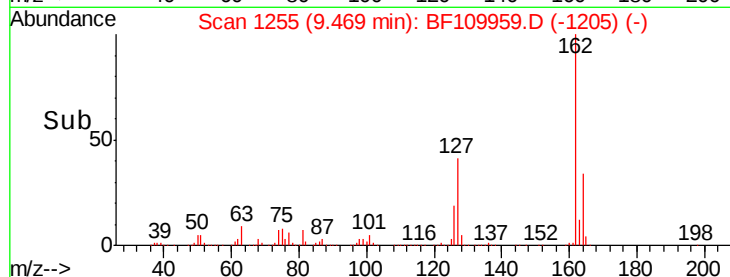
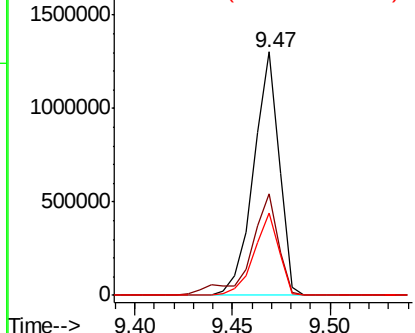
#47
 2-Chloronaphthalene
 Concen: 43.226 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF109959.D
 Acq: 18 Oct 2018 14:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1179514
 Ion Ratio Lower Upper
 162 100
 127 41.5 32.6 48.8
 164 33.9 25.9 38.9

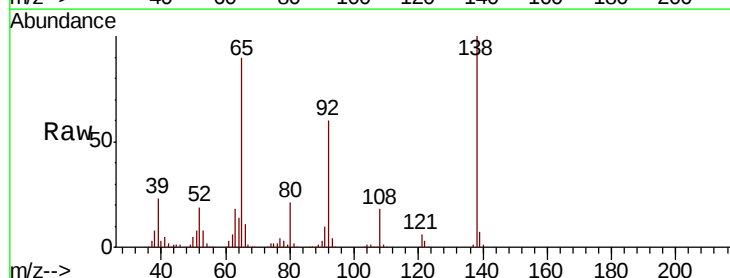


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

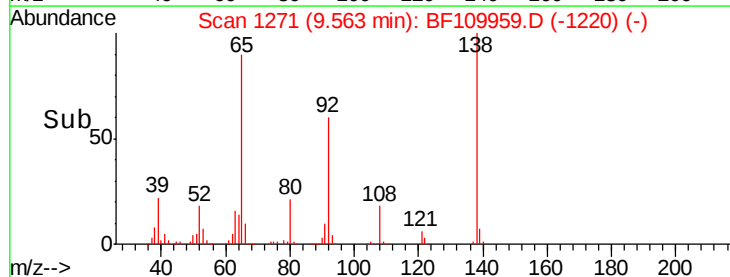
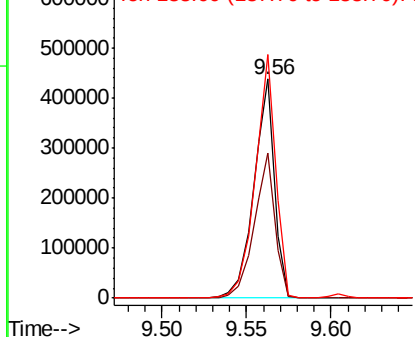


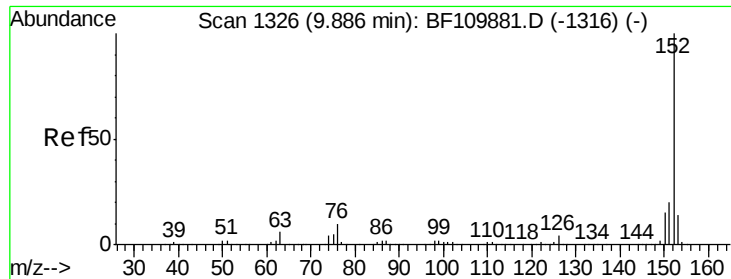
#48
 2-Nitroaniline
 Concen: 53.391 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: BF109959.D
 Acq: 18 Oct 2018 14:17

Tgt Ion: 65 Resp: 373878
 Ion Ratio Lower Upper
 65 100
 92 66.6 54.6 81.8
 138 111.3 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): E





#49

Acenaphthylene

Concen: 45.905 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF109959.D

Acq: 18 Oct 2018 14:17

Instrument :

BNA_F

ClientSampleId :

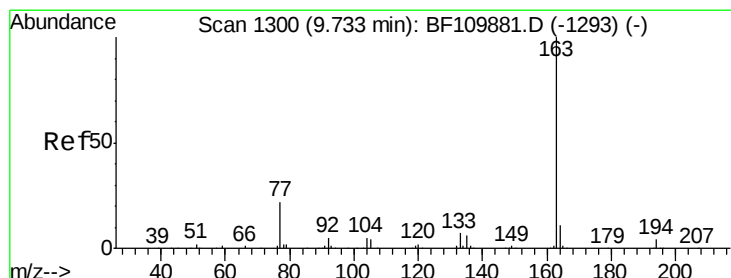
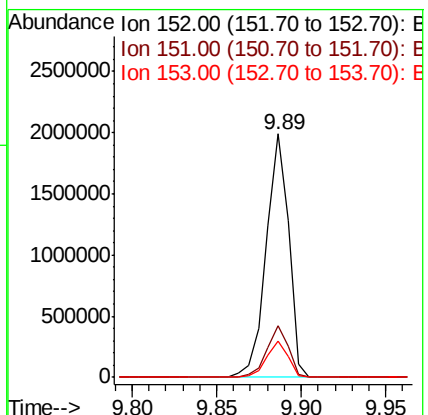
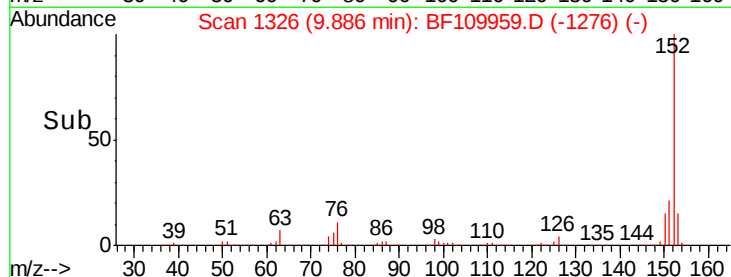
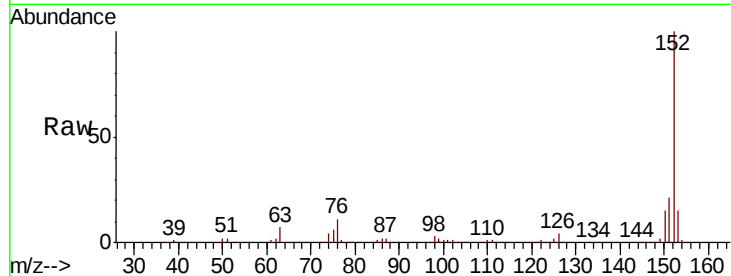
Tot Ion:152 Resp: 1819716

Ion Ratio Lower Upper

152 100

151 21.0 15.8 23.8

153 14.7 10.4 15.6



#50

Dimethylphthalate

Concen: 56.411 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BF109959.D

Acq: 18 Oct 2018 14:17

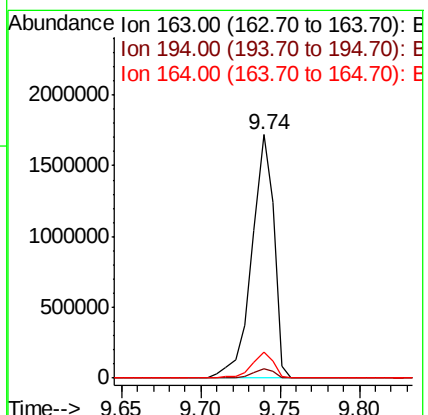
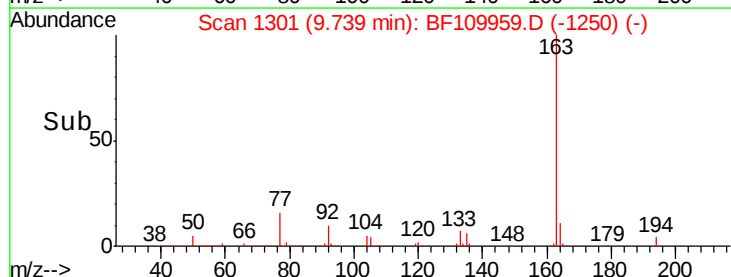
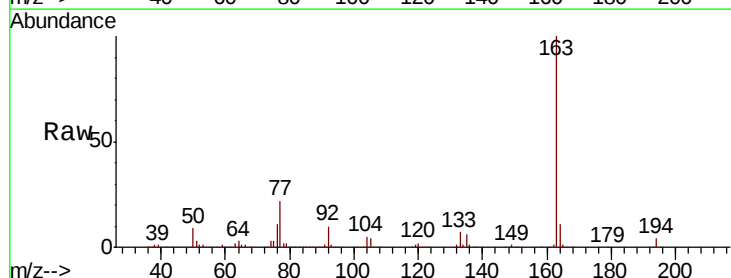
Tgt Ion:163 Resp: 1660823

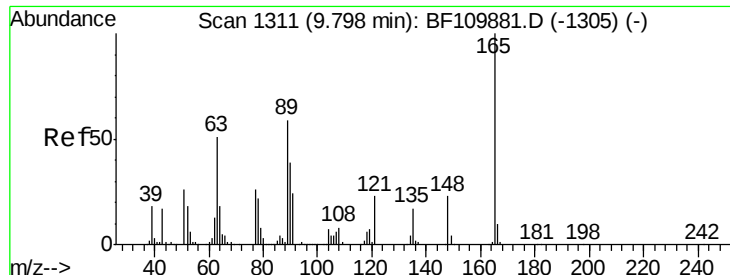
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 10.8 8.1 12.1

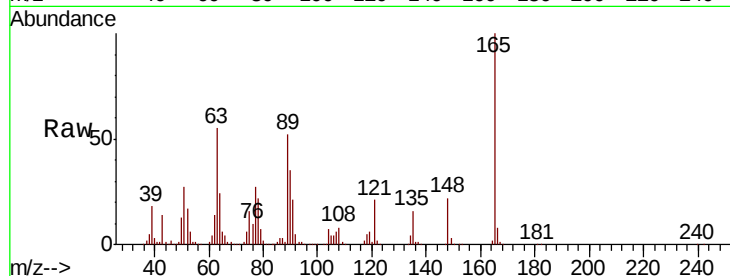




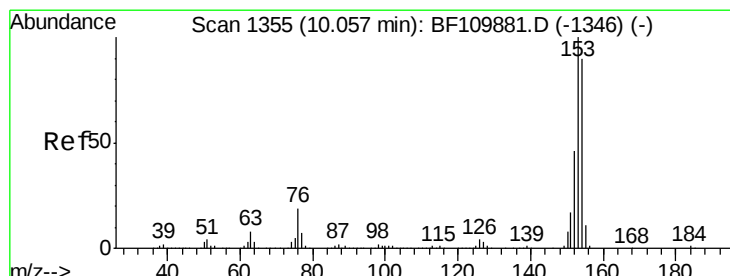
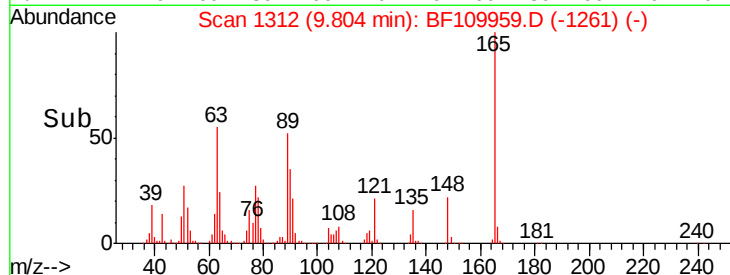
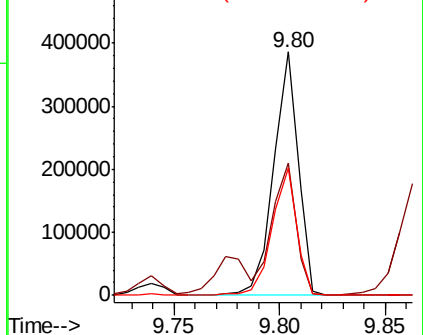
#51
 2,6-Dinitrotoluene
 Concen: 56.002 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF109959.D
 Acq: 18 Oct 2018 14:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 313156
 Ion Ratio Lower Upper
 165 100
 63 54.6 48.9 73.3
 89 52.5 46.6 69.8

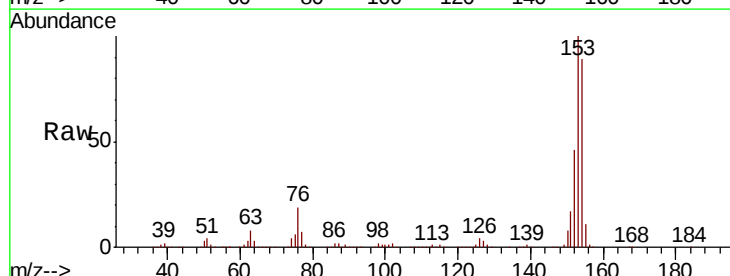


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

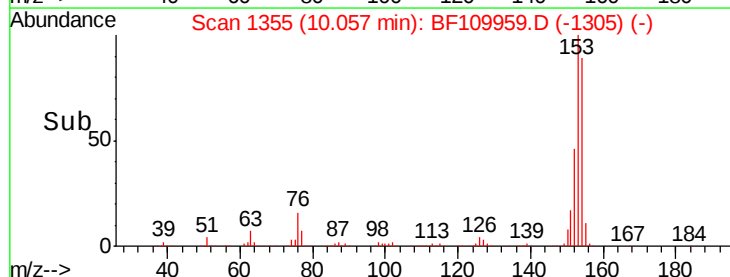
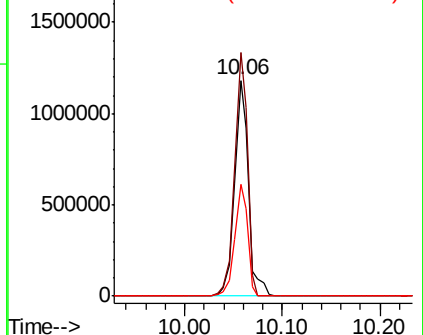


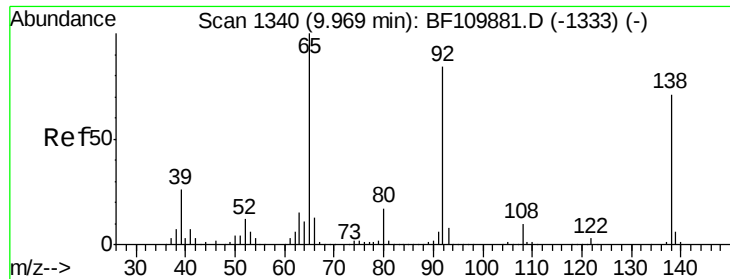
#52
 Acenaphthene
 Concen: 45.830 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BF109959.D
 Acq: 18 Oct 2018 14:17

Tgt Ion:154 Resp: 1156634
 Ion Ratio Lower Upper
 154 100
 153 112.8 90.1 135.1
 152 51.8 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

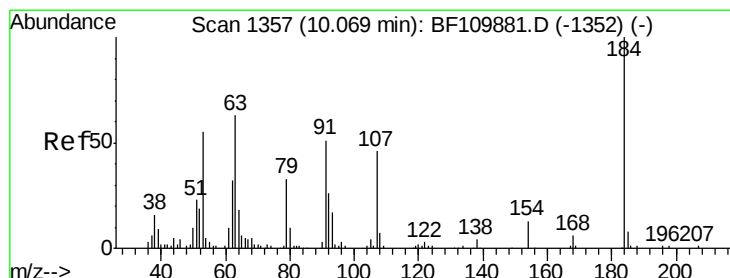
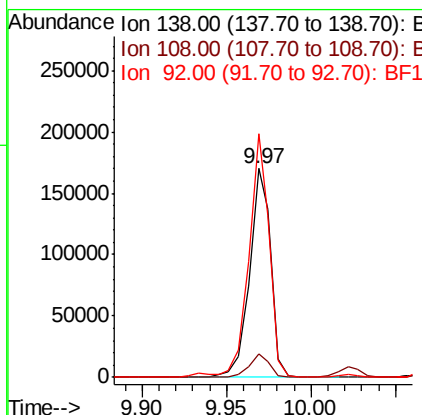
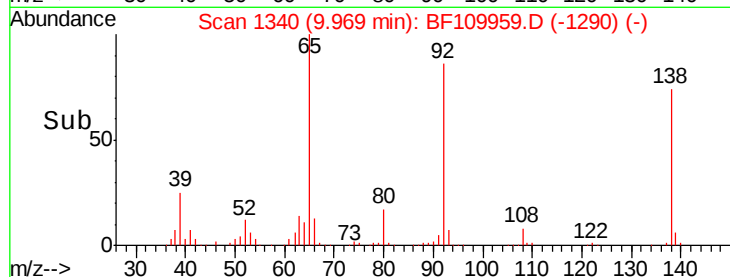
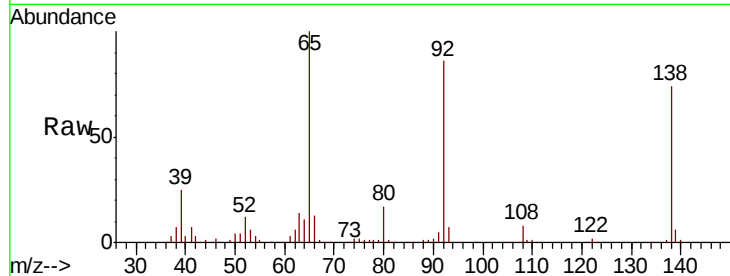




#53
 3-Nitroaniline
 Concen: 21.916 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: BF109959.D
 Acq: 18 Oct 2018 14:17

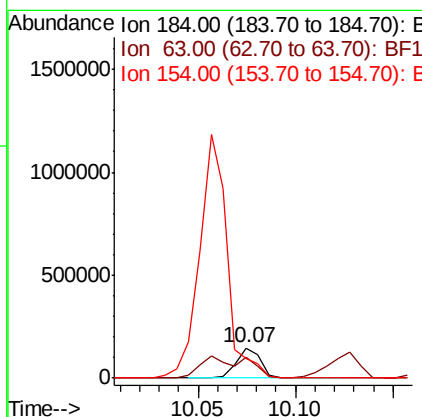
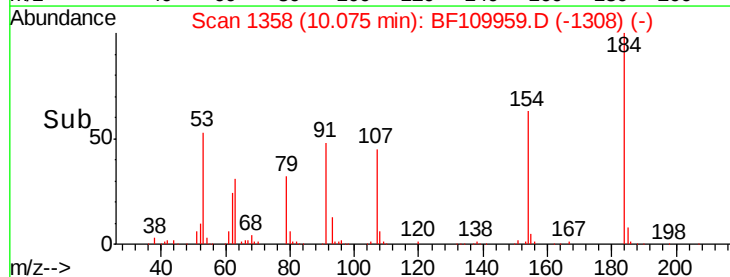
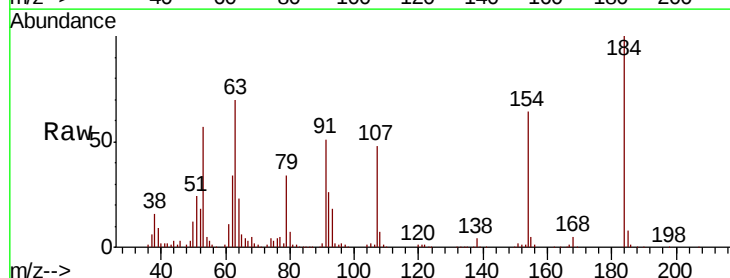
Instrument :
 BNA_F
 ClientSampled :

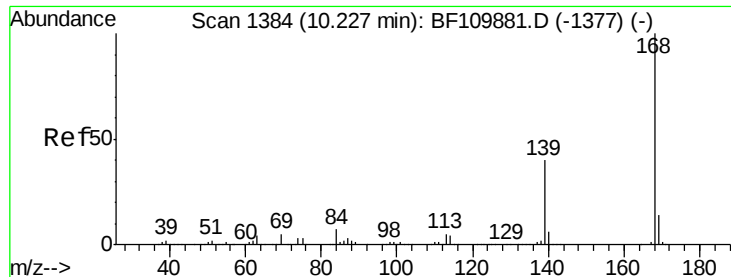
Tot Ion:138 Resp: 149080
 Ion Ratio Lower Upper
 138 100
 108 11.1 8.7 13.1
 92 116.8 97.0 145.4



#54
 2,4-Dinitrophenol
 Concen: 71.938 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF109959.D
 Acq: 18 Oct 2018 14:17

Tgt Ion:184 Resp: 126348
 Ion Ratio Lower Upper
 184 100
 63 70.4 55.8 83.6
 154 63.6 63.2 94.8





#55

Dibenzenofuran

Concen: 43.567 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BF109959.D

Acq: 18 Oct 2018 14:17

Instrument :

BNA_F

ClientSampleId :

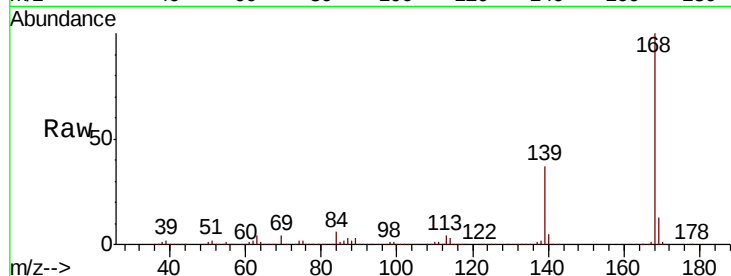
Tot Ion:168 Resp: 1568072

Ion Ratio Lower Upper

168 100

139 37.0 33.0 49.6

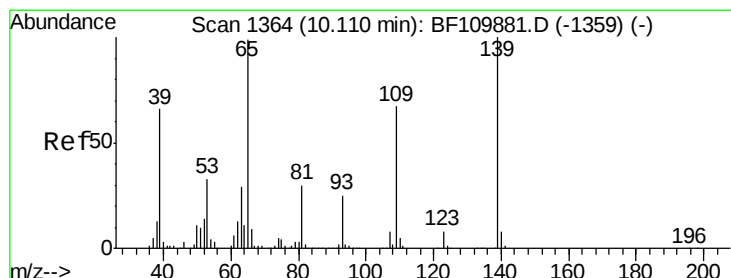
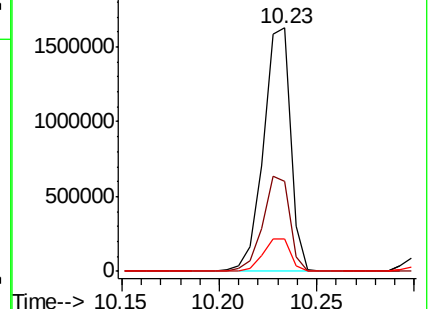
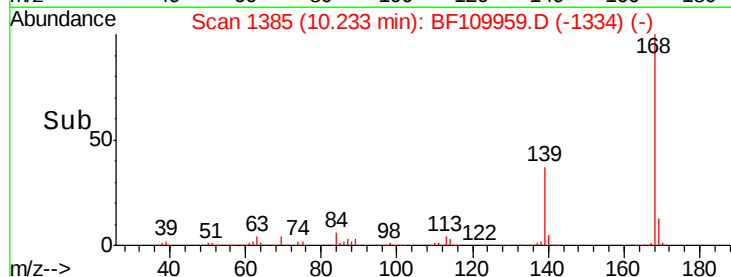
169 13.3 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 96.996 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.01 min

Lab File: BF109959.D

Acq: 18 Oct 2018 14:17

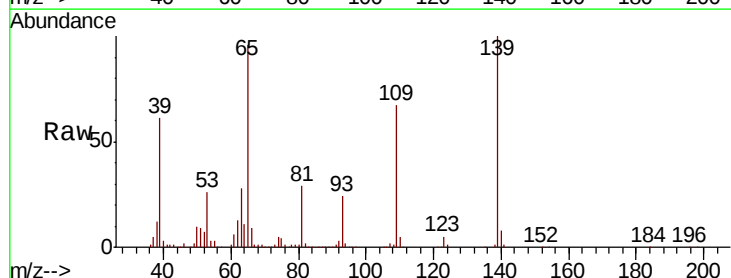
Tgt Ion:139 Resp: 503434

Ion Ratio Lower Upper

139 100

109 67.2 55.8 95.8

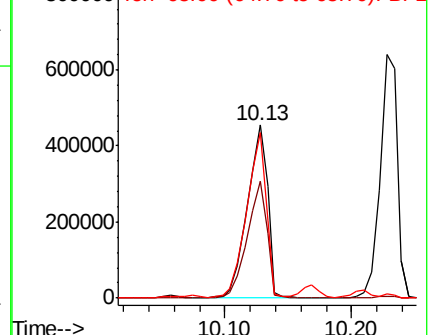
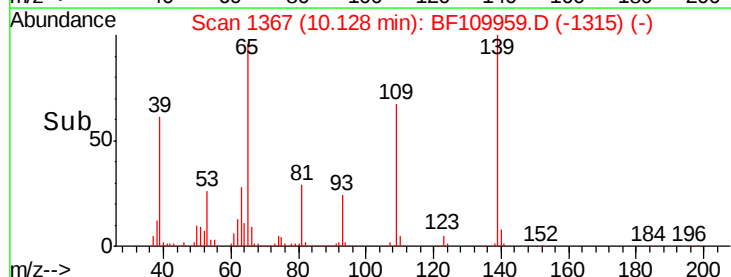
65 95.6 77.9 117.9

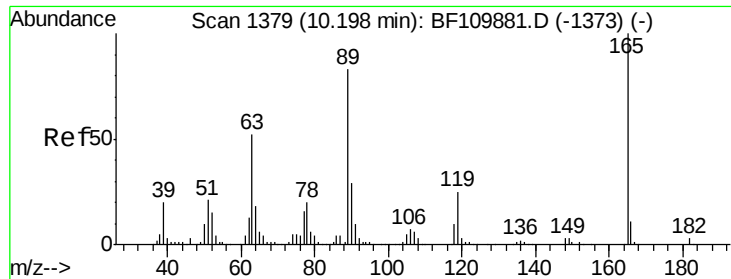


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

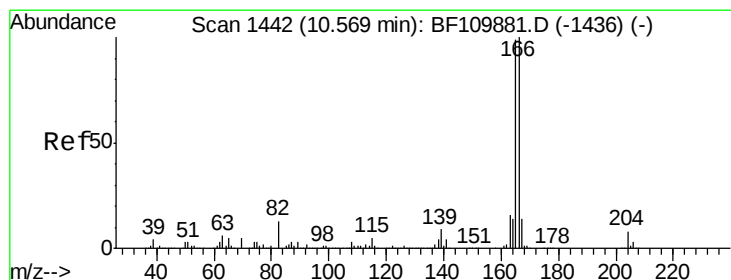
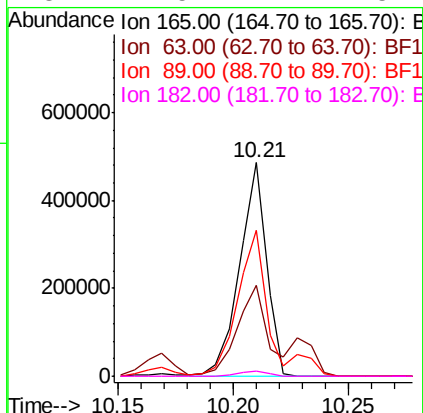
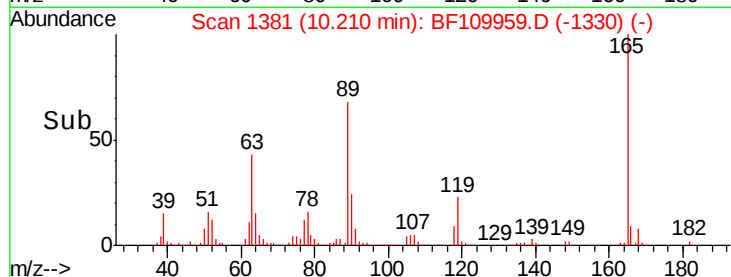
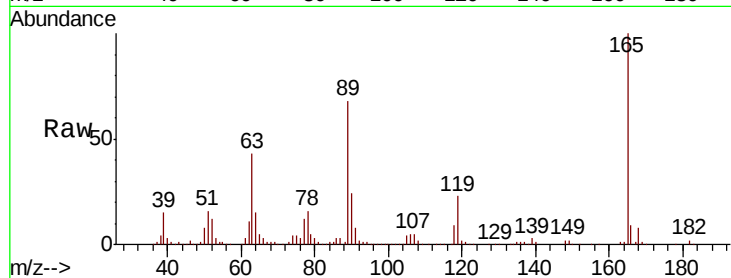




#57
 2,4-Dinitrotoluene
 Concen: 55.358 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: BF109959.D
 Acq: 18 Oct 2018 14:17

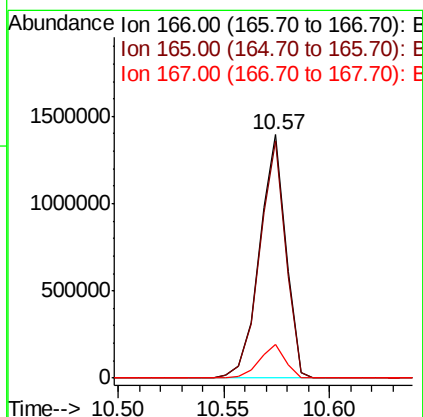
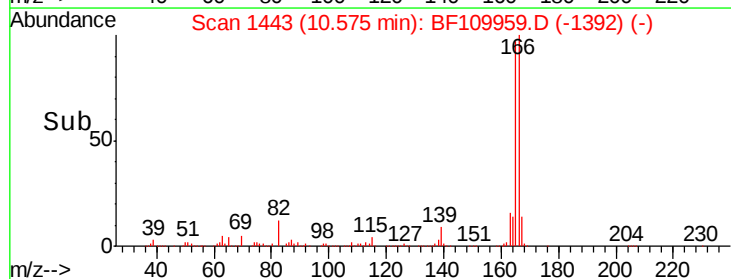
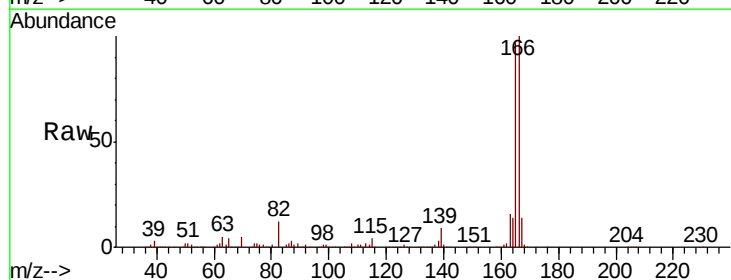
Instrument :
 BNA_F
 ClientSampleId :

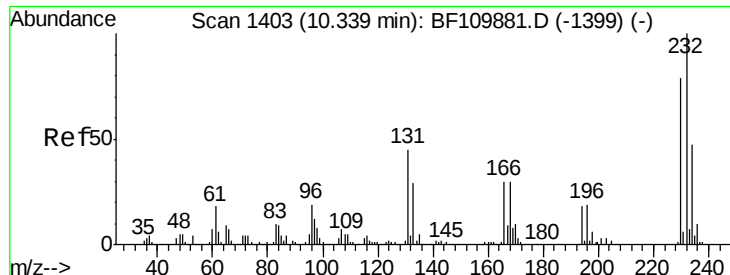
Tot Ion	165	Resp	396516
Ion Ratio	Lower	Upper	
165	100		
63	42.7	44.8	67.2#
89	68.1	62.2	93.4
182	2.5	2.1	3.1



#58
 Fluorene
 Concen: 46.131 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: BF109959.D
 Acq: 18 Oct 2018 14:17

Tgt Ion	166	Resp	1208649
Ion Ratio	Lower	Upper	
166	100		
165	97.2	78.6	117.8
167	13.8	10.8	16.2

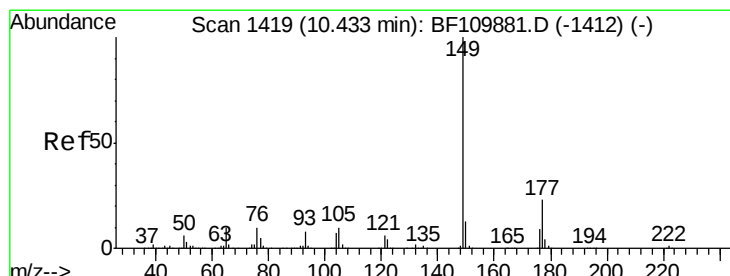
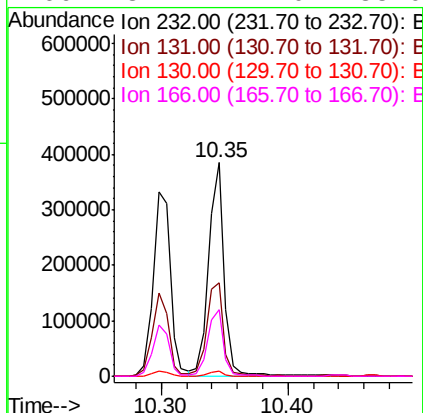
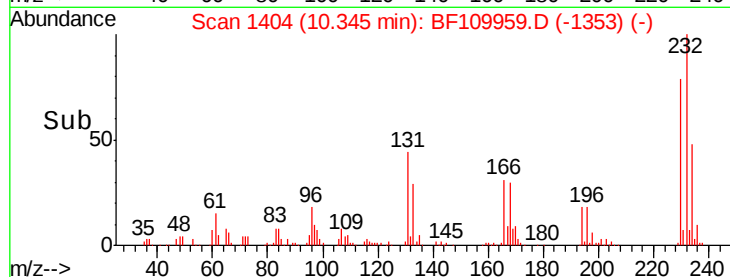
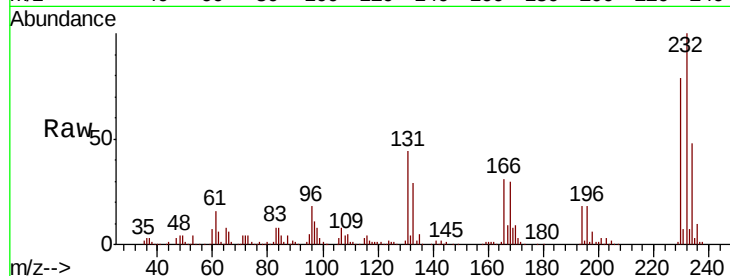




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.163 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF109959.D
Acq: 18 Oct 2018 14:17

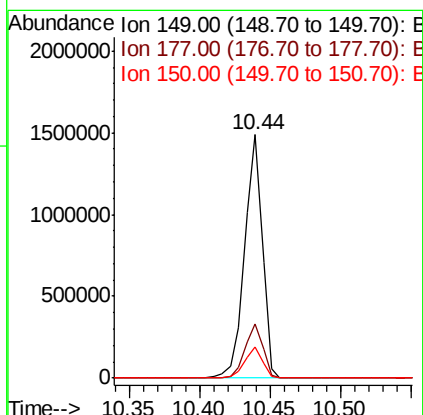
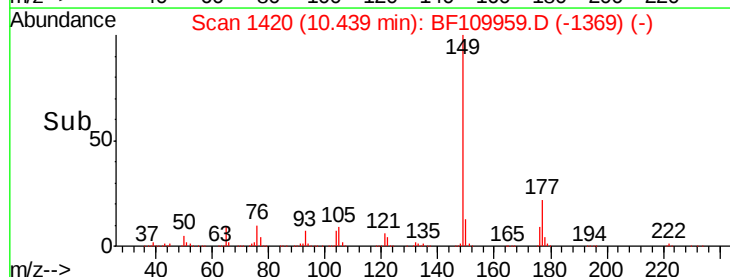
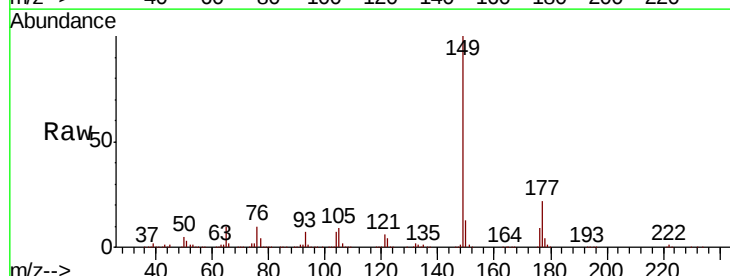
Instrument :
BNA_F
ClientSampled :

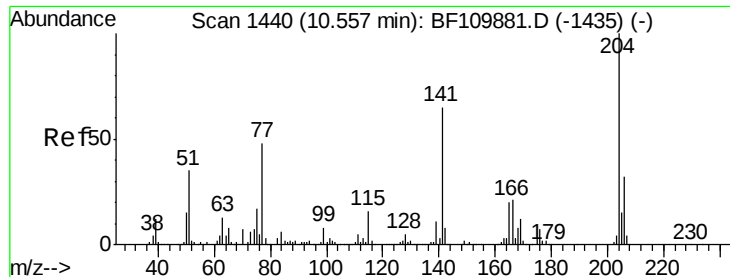
Tot Ion:232 Resp: 330411
Ion Ratio Lower Upper
232 100
131 46.4 37.0 55.4
130 2.2 1.8 2.6
166 31.7 22.0 33.0



#60
Diethylphthalate
Concen: 44.756 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF109959.D
Acq: 18 Oct 2018 14:17

Tgt Ion:149 Resp: 1301448
Ion Ratio Lower Upper
149 100
177 22.5 17.4 26.2
150 12.8 9.8 14.8

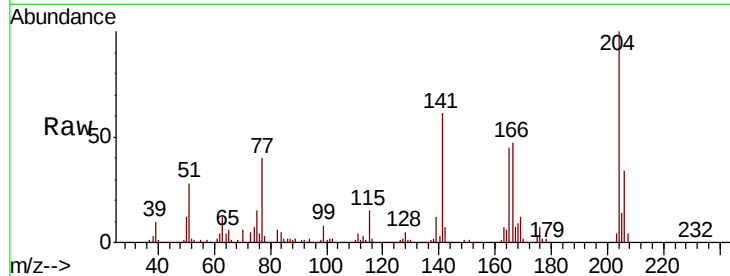




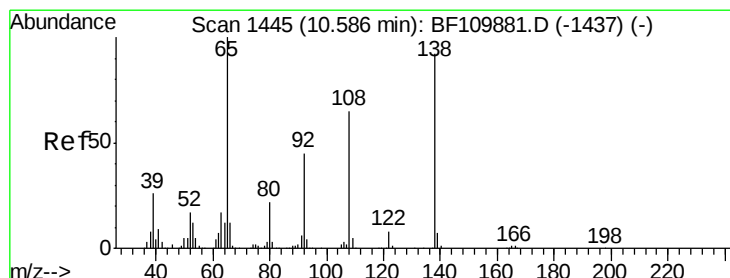
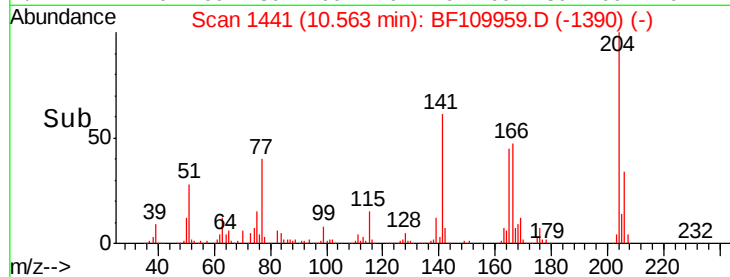
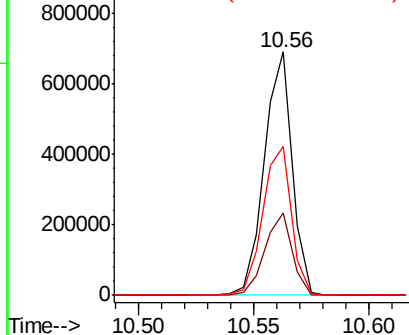
#61
4-Chlorophenyl-phenylether
Concen: 42.400 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF109959.D
Acq: 18 Oct 2018 14:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 578672
Ion Ratio Lower Upper
204 100
206 34.1 26.5 39.7
141 61.4 51.8 77.8

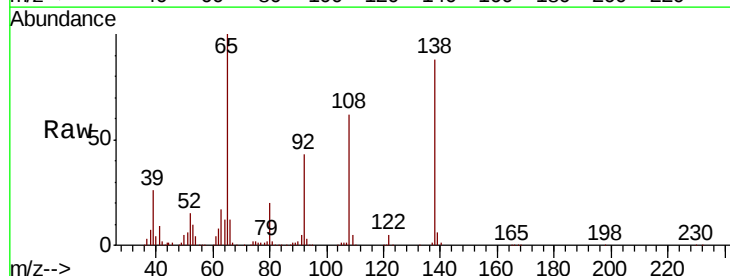


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

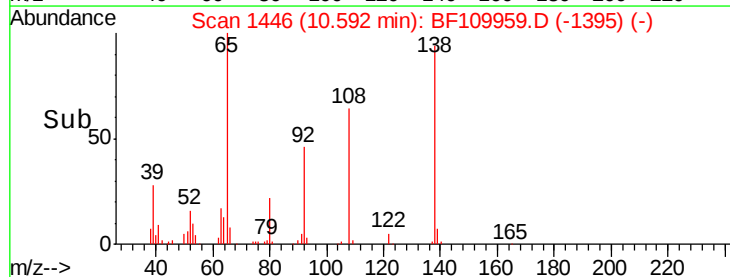
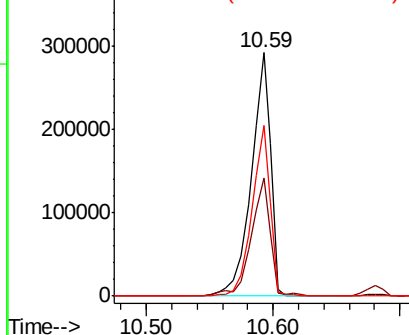


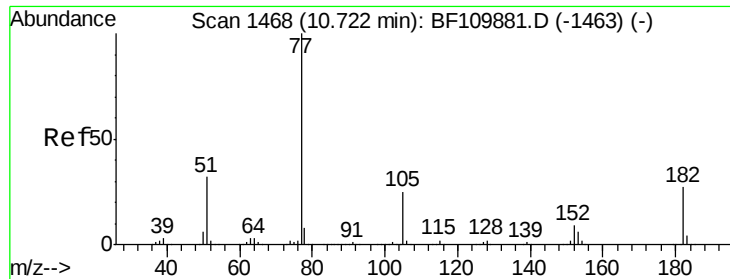
#62
4-Nitroaniline
Concen: 48.628 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BF109959.D
Acq: 18 Oct 2018 14:17

Tgt Ion:138 Resp: 313115
Ion Ratio Lower Upper
138 100
92 48.3 31.7 71.7
108 69.9 59.3 99.3



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

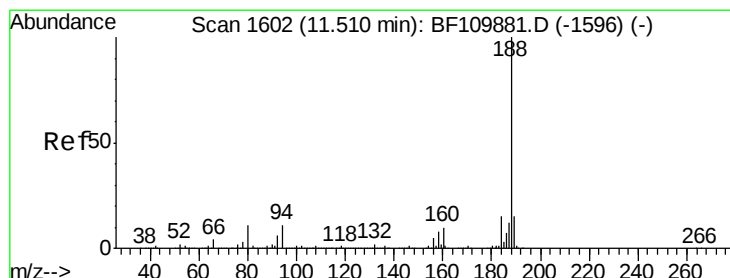
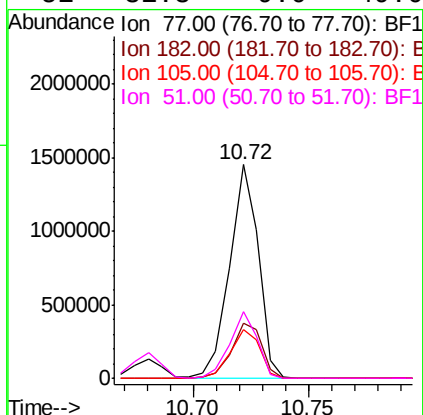
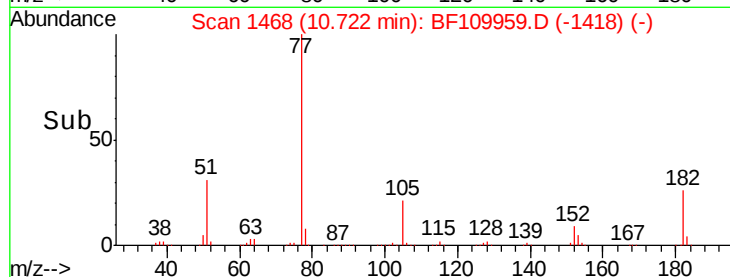
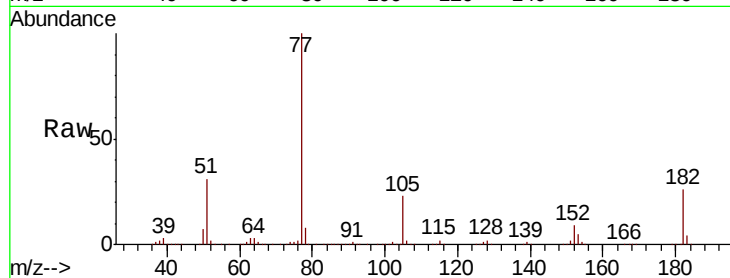




#63
Azobenzene
Concen: 41.219 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BF109959.D
Acq: 18 Oct 2018 14:17

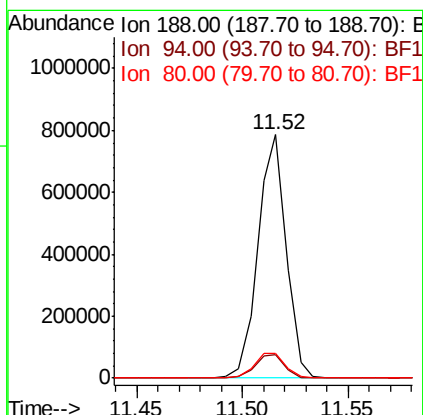
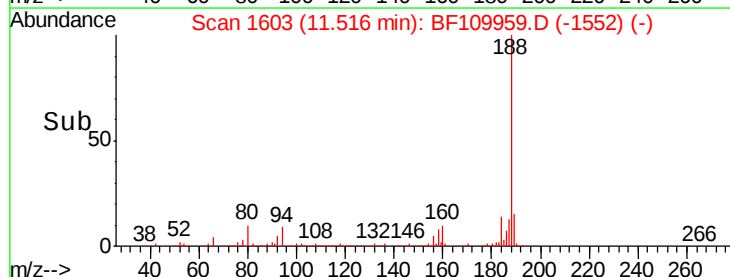
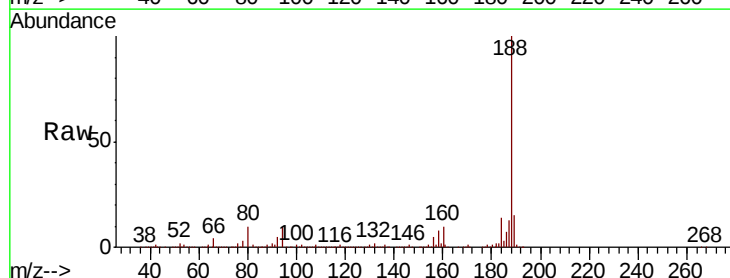
Instrument :
BNA_F
ClientSampleId :

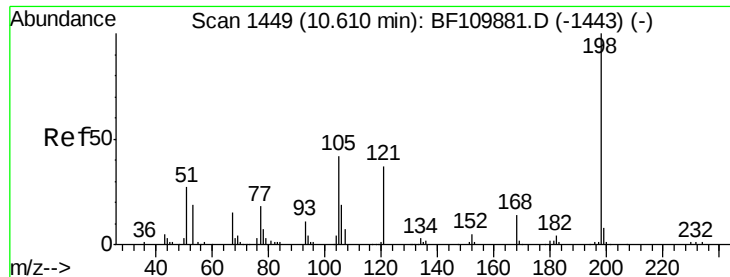
Tot Ion: 77 Resp: 1252154
Ion Ratio Lower Upper
77 100
182 25.8 4.3 44.3
105 23.0 1.3 41.3
51 31.3 9.0 49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BF109959.D
Acq: 18 Oct 2018 14:17

Tgt Ion: 188 Resp: 727614
Ion Ratio Lower Upper
188 100
94 9.5 7.2 10.8
80 10.1 7.9 11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 51.628 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF109959.D

Acq: 18 Oct 2018 14:17

Instrument :

BNA_F

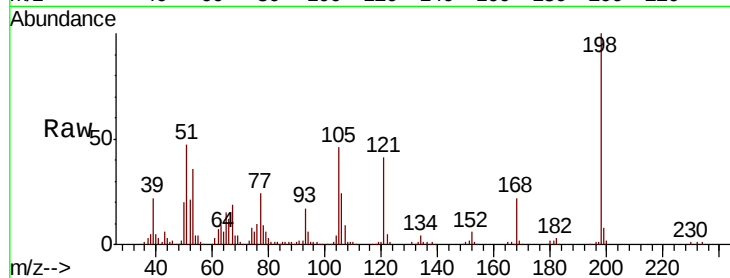
ClientSampleId :

Tot Ion:198 Resp: 137977

Ion	Ratio	Lower	Upper
198	100		
51	47.5	22.8	62.8
105	46.2	23.6	63.6

51 47.5 22.8 62.8

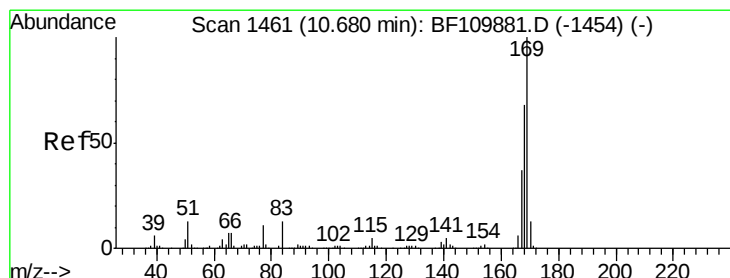
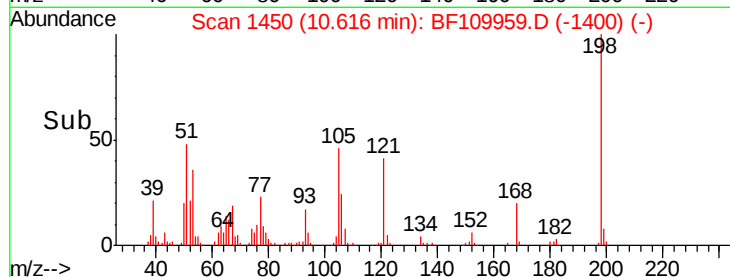
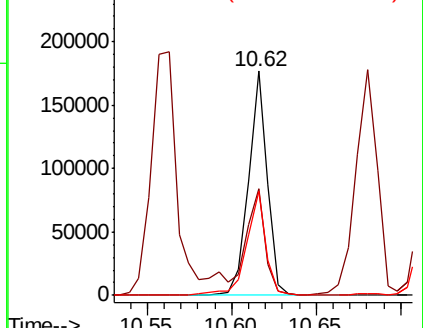
105 46.2 23.6 63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.949 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF109959.D

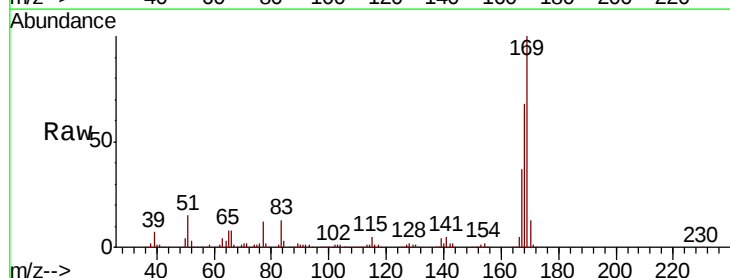
Acq: 18 Oct 2018 14:17

Tgt Ion:169 Resp: 1089296

Ion	Ratio	Lower	Upper
169	100		
168	67.7	51.2	76.8
167	36.8	27.8	41.6

168 67.7 51.2 76.8

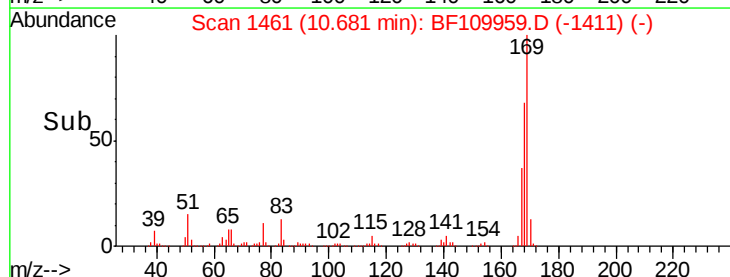
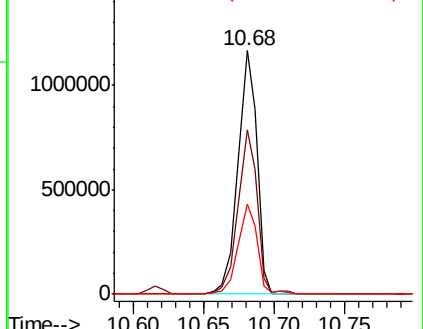
167 36.8 27.8 41.6

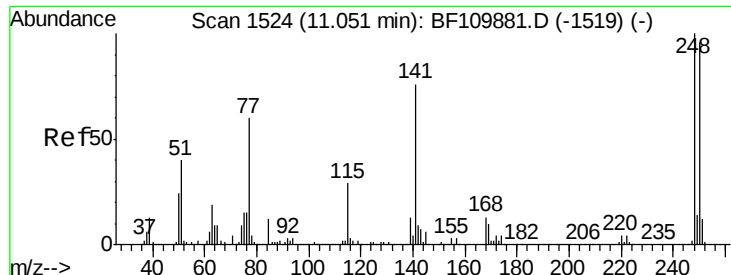


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

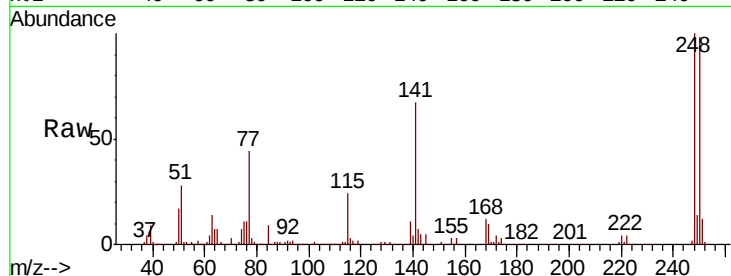




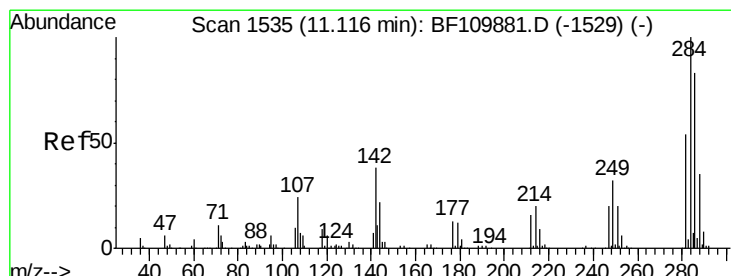
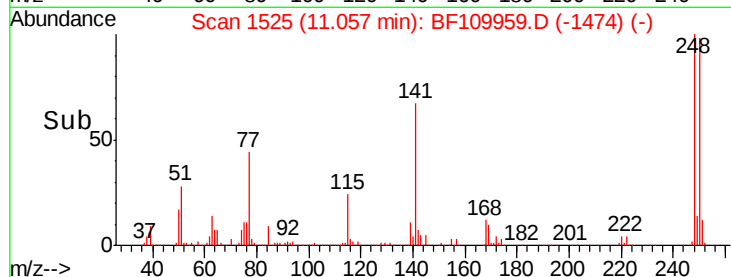
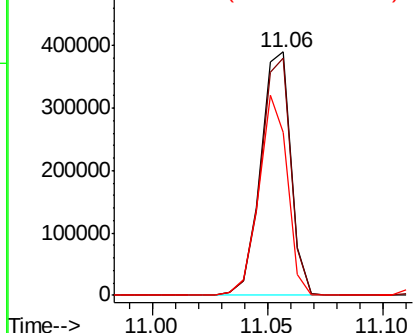
#67
 4-Bromophenyl-phenylether
 Concen: 45.258 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. -0.00 min
 Lab File: BF109959.D
 Acq: 18 Oct 2018 14:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 356881
 Ion Ratio Lower Upper
 248 100
 250 97.7 79.4 119.2
 141 66.8 55.9 83.9

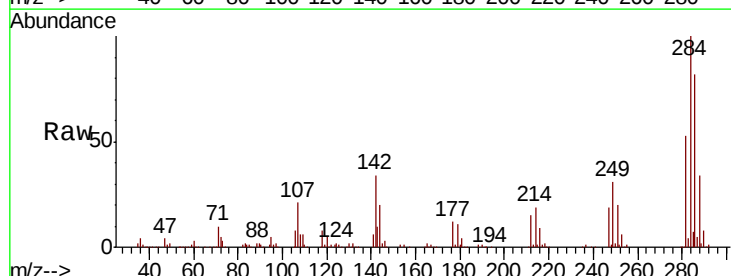


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

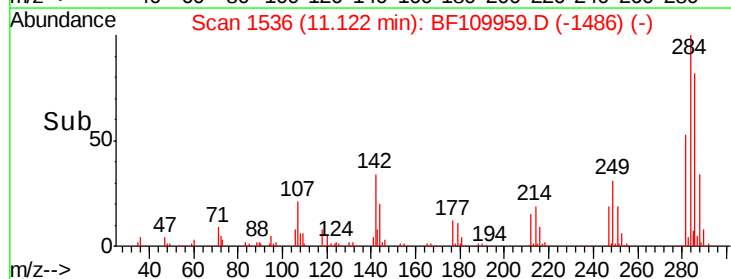
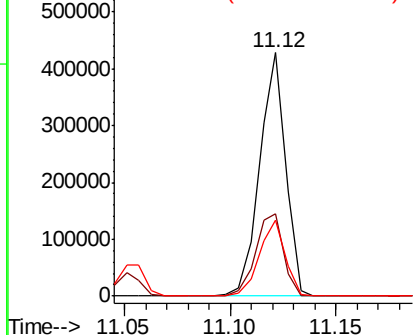


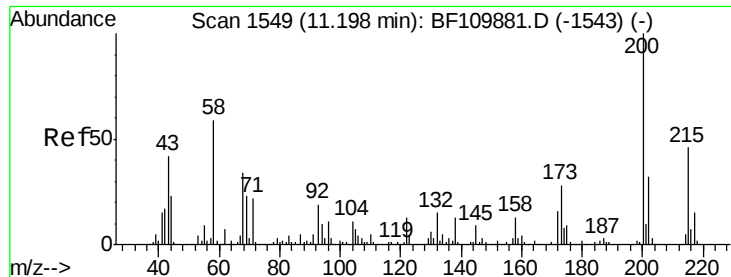
#68
 Hexachlorobenzene
 Concen: 43.613 ng
 RT: 11.12 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BF109959.D
 Acq: 18 Oct 2018 14:17

Tgt Ion:284 Resp: 366736
 Ion Ratio Lower Upper
 284 100
 142 33.8 23.9 35.9
 249 31.3 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

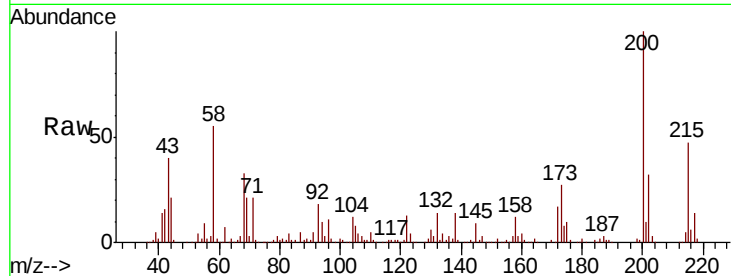




#69
 Atrazine
 Concen: 47.754 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.00 min
 Lab File: BF109959.D
 Acq: 18 Oct 2018 14:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	6.6	46.6
215	46.5	26.3	66.3

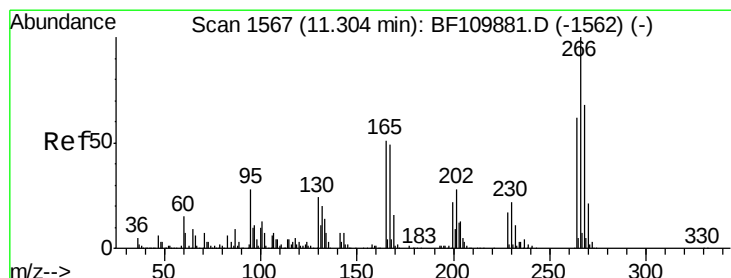
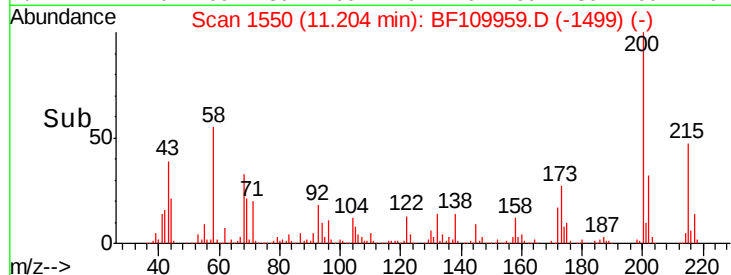
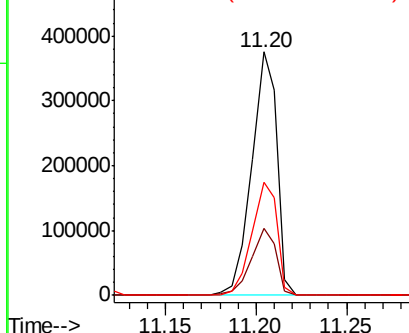


Abundance

Ion 200.00 (199.70 to 200.70): E

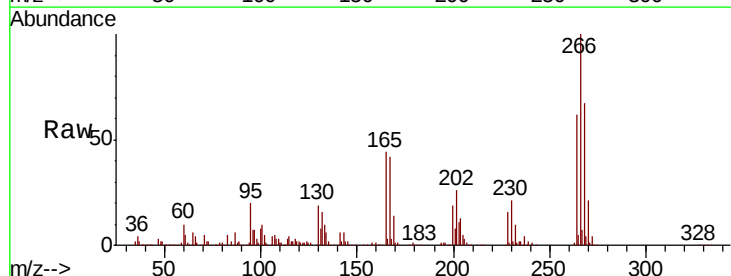
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 75.226 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF109959.D
 Acq: 18 Oct 2018 14:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.7	50.6	75.8
264	62.3	50.6	75.8

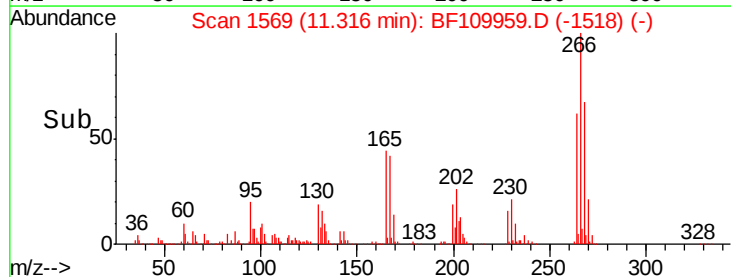
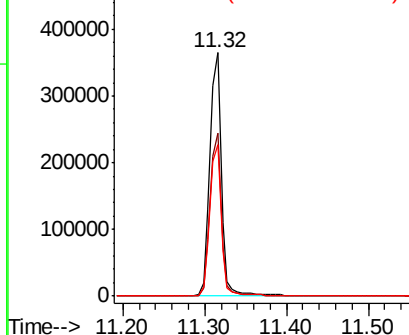


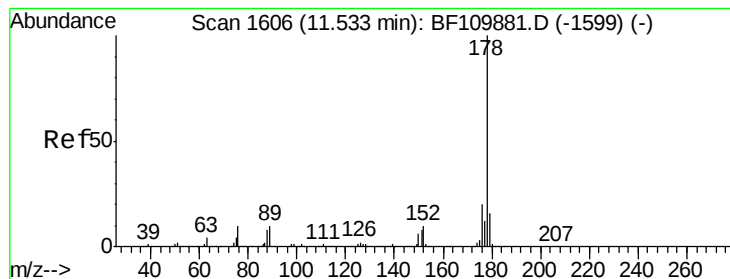
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.403 ng

RT: 11.54 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BF109959.D

Acq: 18 Oct 2018 14:17

Instrument :

BNA_F

ClientSampled :

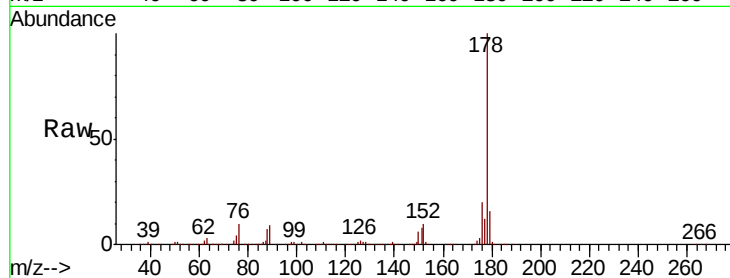
Tot Ion:178 Resp: 1672630

Ion Ratio Lower Upper

178 100

176 20.0 15.5 23.3

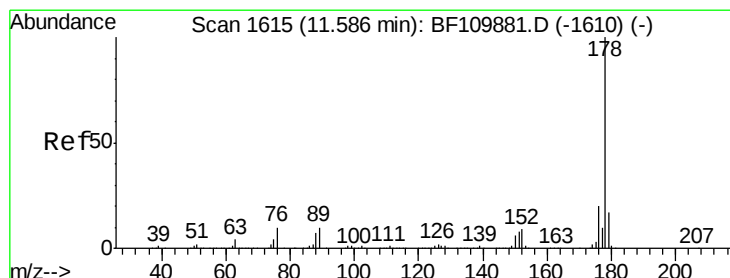
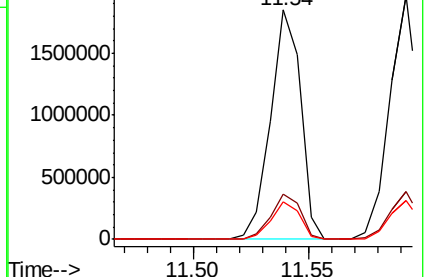
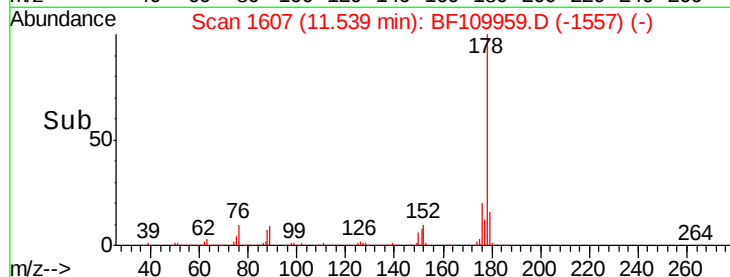
179 16.2 12.5 18.7



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



#72

Anthracene

Concen: 45.347 ng

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BF109959.D

Acq: 18 Oct 2018 14:17

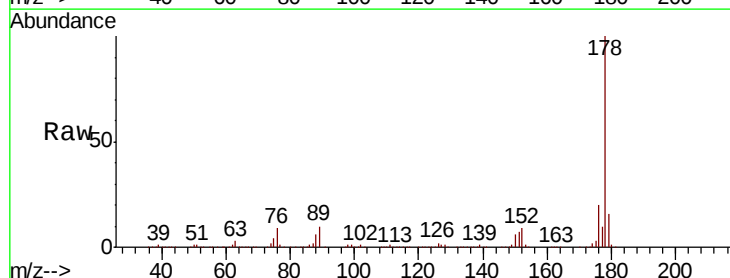
Tgt Ion:178 Resp: 1717349

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

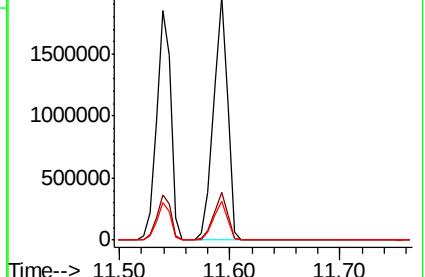
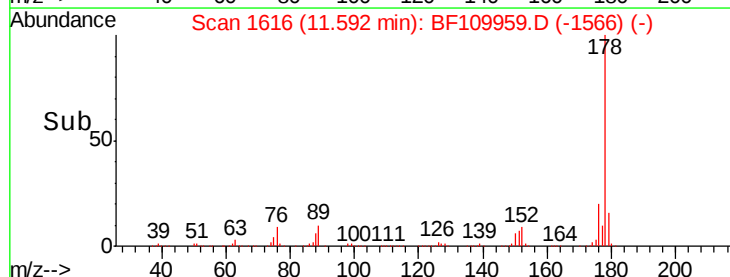
179 16.1 12.6 18.8

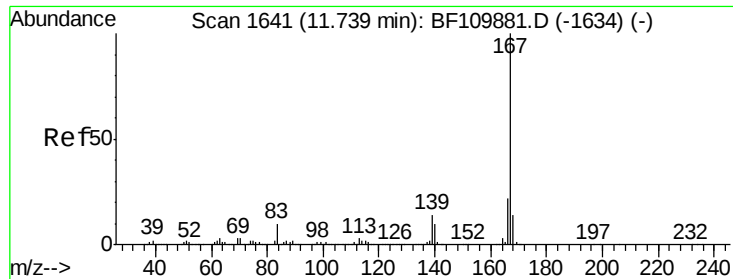


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



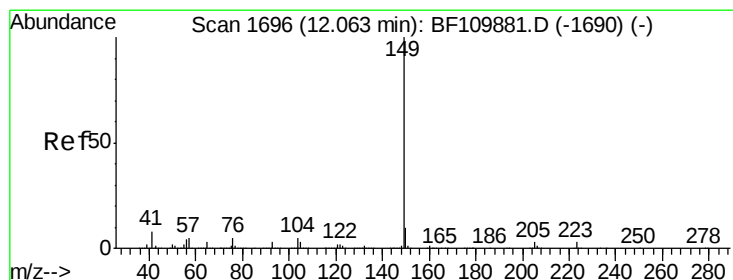
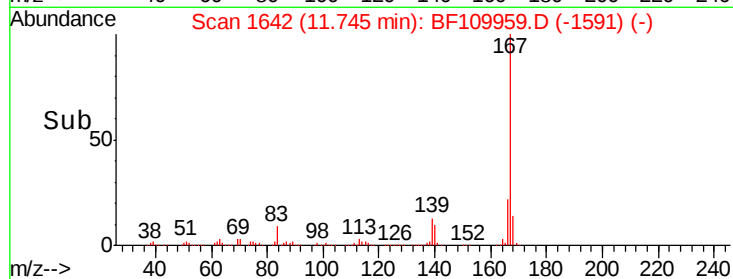
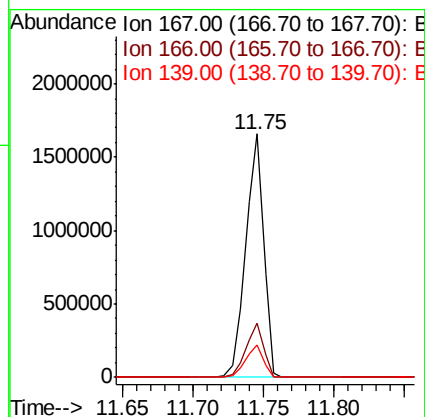
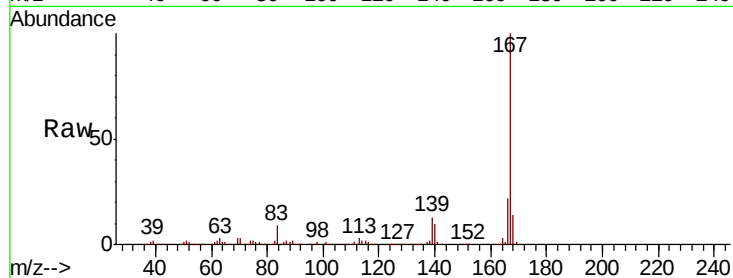


#73
 Carbazole
 Concen: 39.416 ng
 RT: 11.75 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BF109959.D
 Acq: 18 Oct 2018 14:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1467024

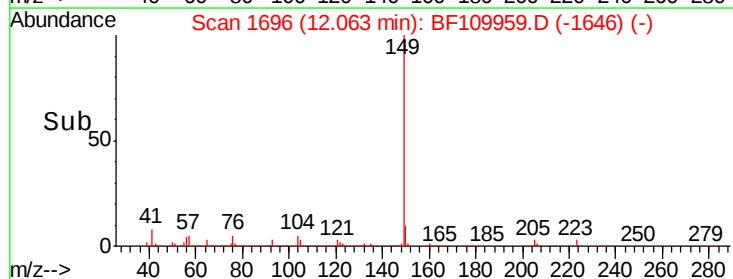
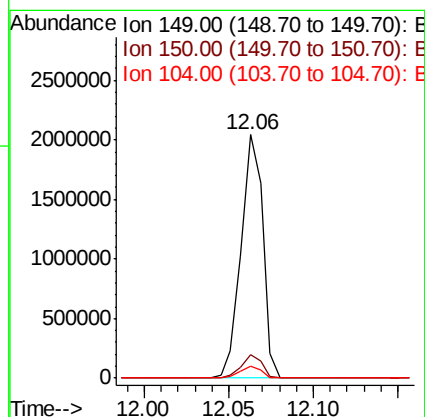
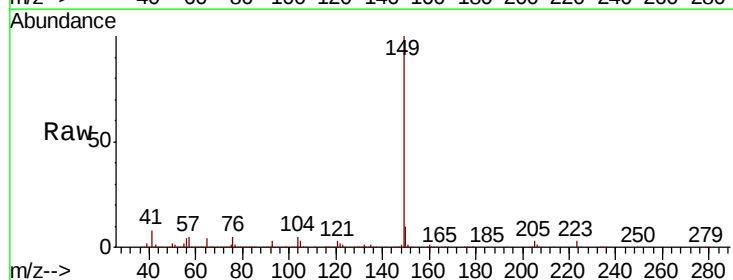
Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.4	26.0
139	13.2	10.9	16.3

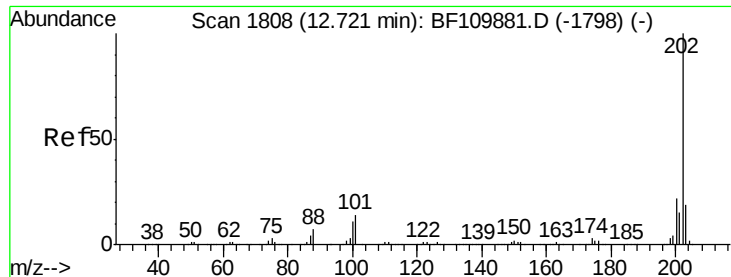


#74
 Di-n-butylphthalate
 Concen: 43.923 ng
 RT: 12.06 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BF109959.D
 Acq: 18 Oct 2018 14:17

Tgt Ion:149 Resp: 1824458

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.1	4.2	6.4

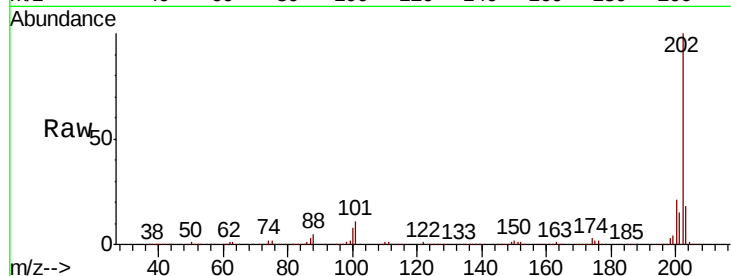




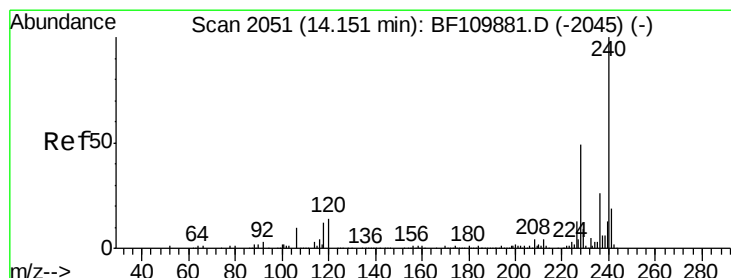
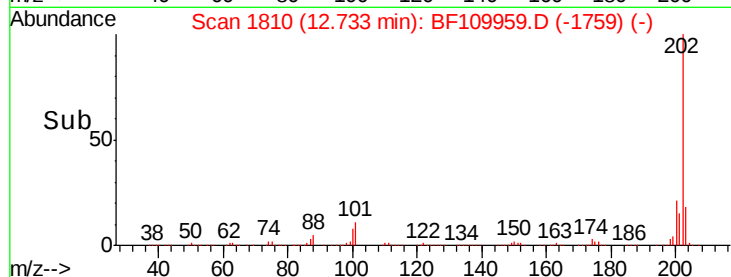
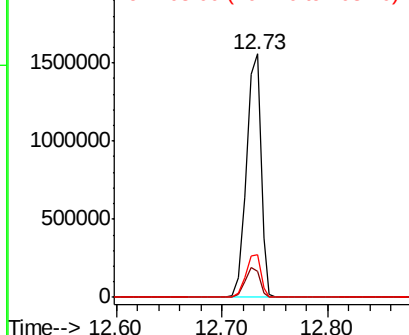
#75
Fluoranthene
Concen: 39.132 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.00 min
Lab File: BF109959.D
Acq: 18 Oct 2018 14:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1472566
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.4
203 17.5 0.0 37.7

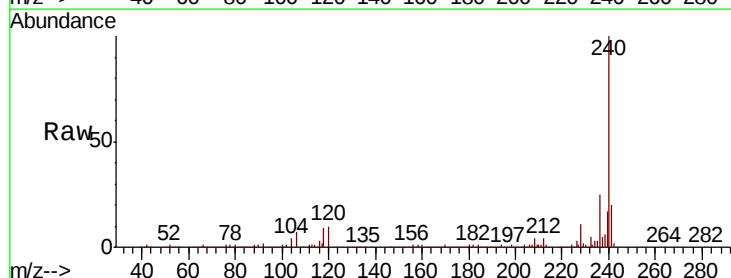


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

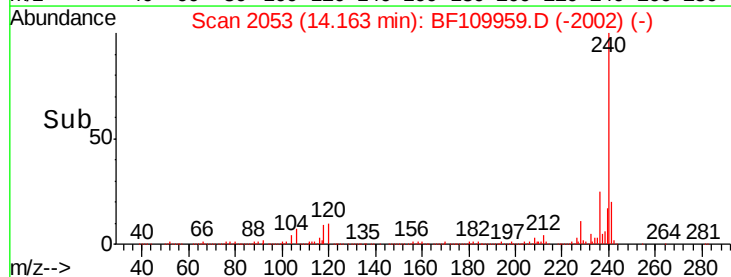
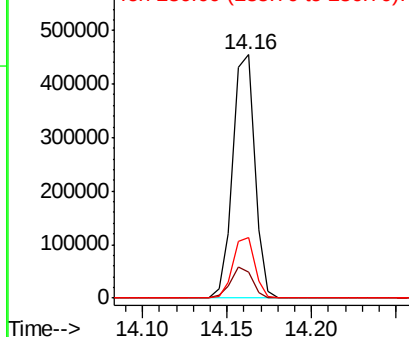


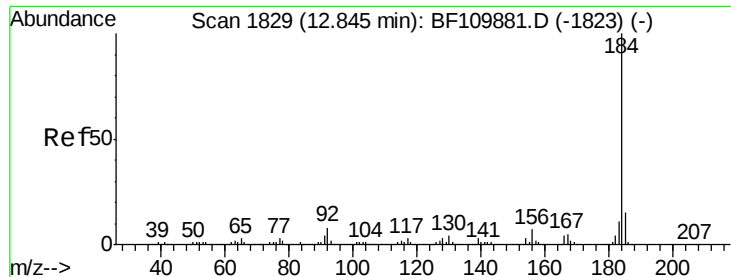
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BF109959.D
Acq: 18 Oct 2018 14:17

Tgt Ion:240 Resp: 412469
Ion Ratio Lower Upper
240 100
120 10.5 8.3 12.5
236 24.6 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





#77

Benzidine

Concen: 38.435 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF109959.D

Acq: 18 Oct 2018 14:17

Instrument :

BNA_F

ClientSampleId :

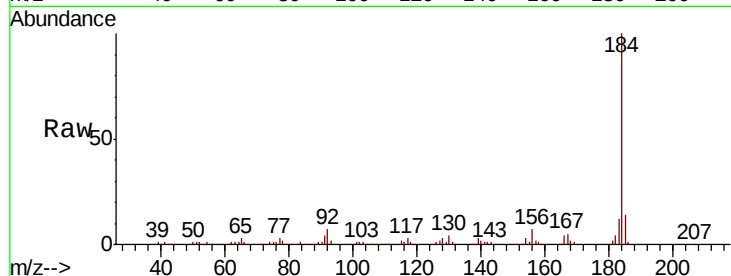
Tot Ion:184 Resp: 607832

Ion Ratio Lower Upper

184 100

185 13.9 13.4 20.2

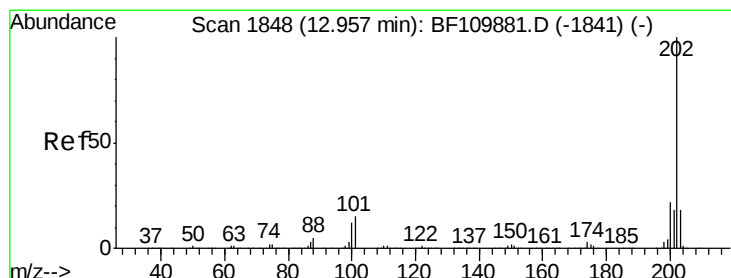
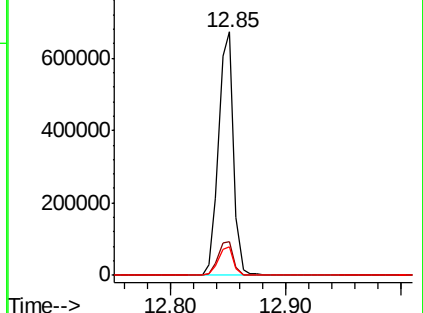
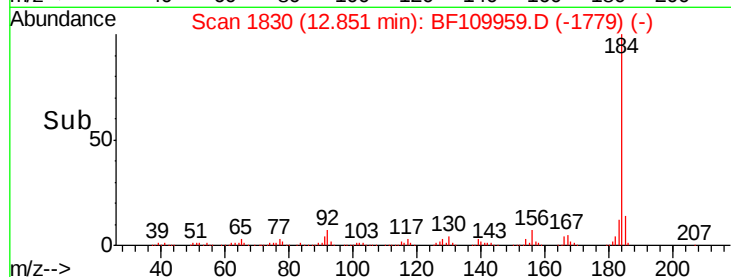
183 11.8 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.265 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF109959.D

Acq: 18 Oct 2018 14:17

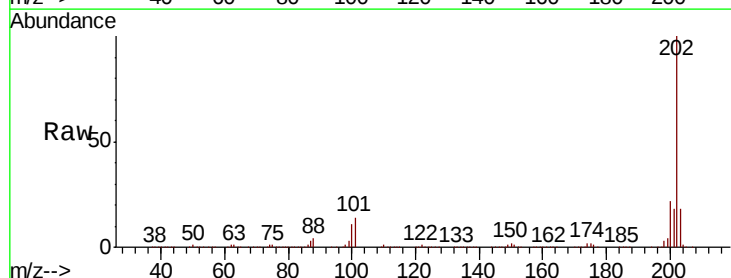
Tgt Ion:202 Resp: 1401585

Ion Ratio Lower Upper

202 100

200 21.6 17.8 26.6

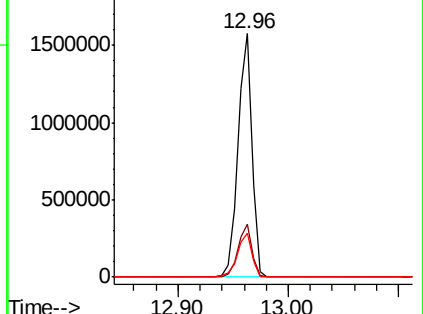
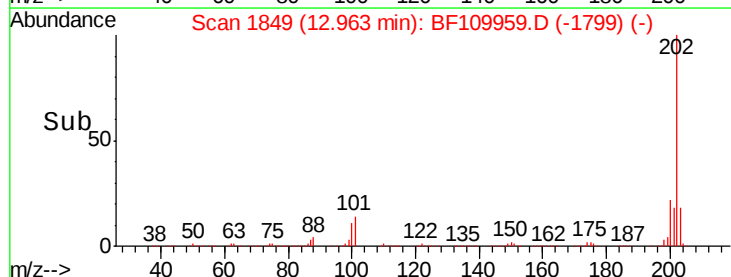
203 17.9 14.2 21.4



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





#79

Terphenyl-d14

Concen: 81.326 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BF109959.D

Acq: 18 Oct 2018 14:17

Instrument :

BNA_F

ClientSampleId :

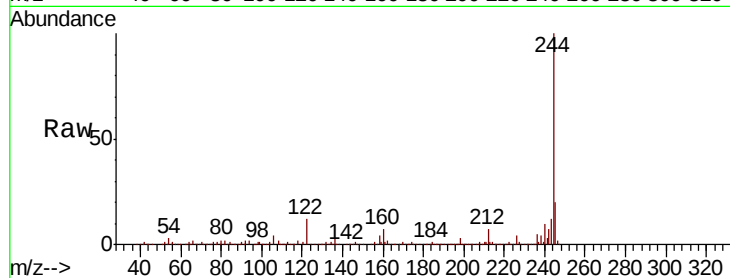
Tot Ion:244 Resp: 1597412

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

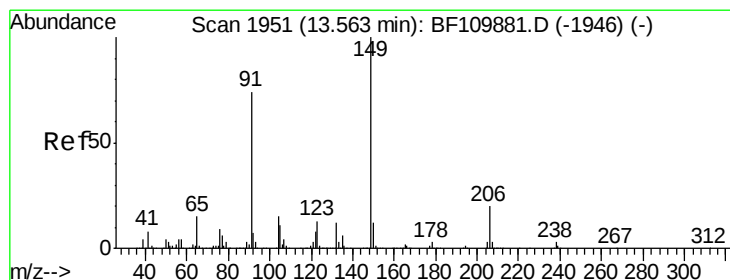
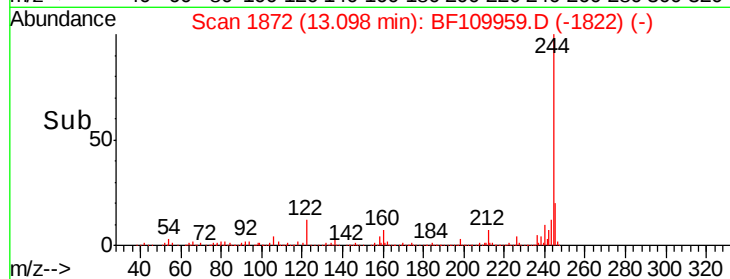
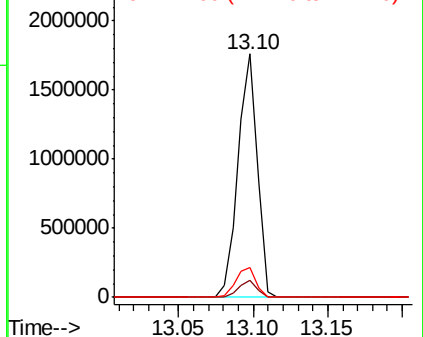
122 12.5 8.7 13.1



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



#80

Butylbenzylphthalate

Concen: 49.717 ng

RT: 13.57 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BF109959.D

Acq: 18 Oct 2018 14:17

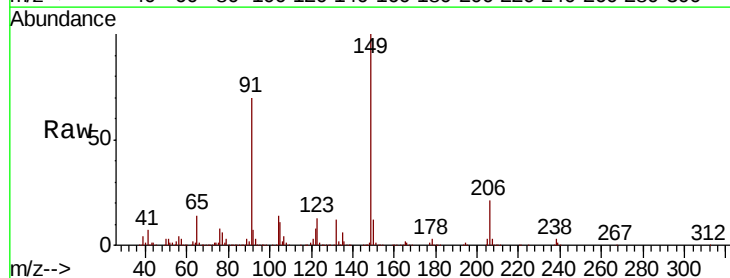
Tgt Ion:149 Resp: 608925

Ion Ratio Lower Upper

149 100

91 69.8 57.2 85.8

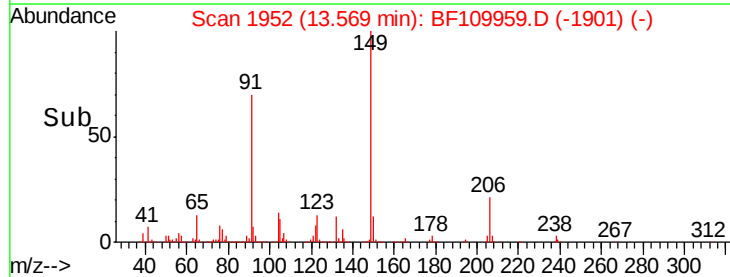
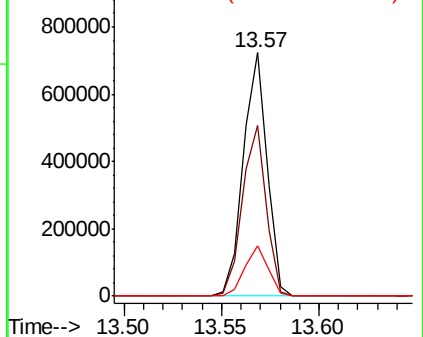
206 20.6 15.7 23.5

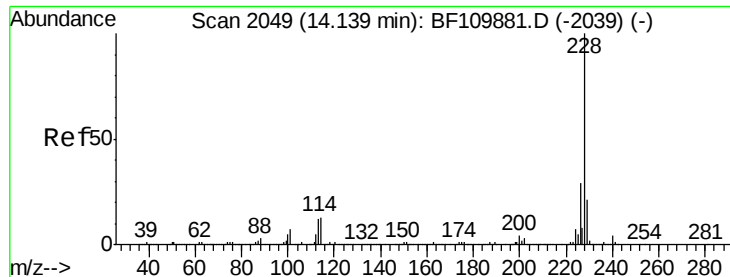


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.159 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BF109959.D

Acq: 18 Oct 2018 14:17

Instrument :

BNA_F

ClientSampleId :

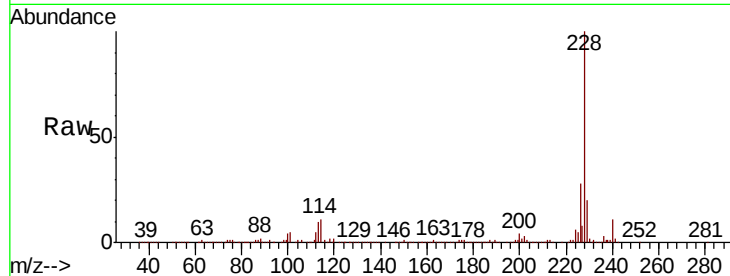
Tot Ion:228 Resp: 1121448

Ion Ratio Lower Upper

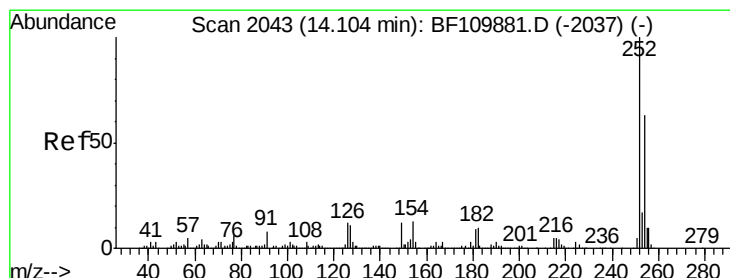
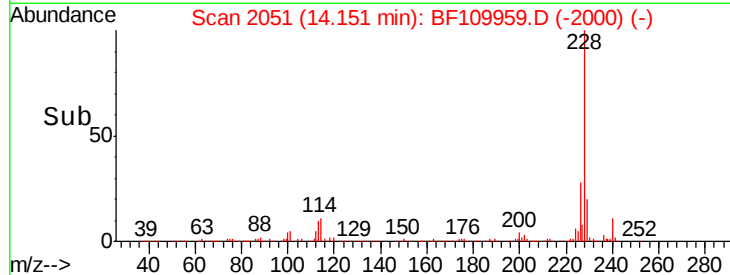
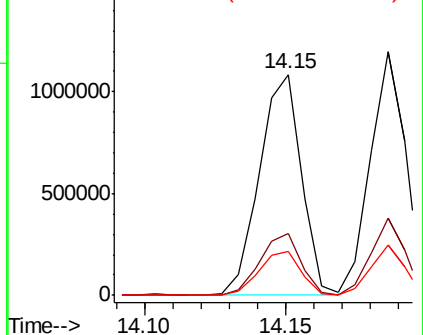
228 100

226 28.0 22.1 33.1

229 19.8 15.6 23.4



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



#82

3,3'-Dichlorobenzidine

Concen: 31.962 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BF109959.D

Acq: 18 Oct 2018 14:17

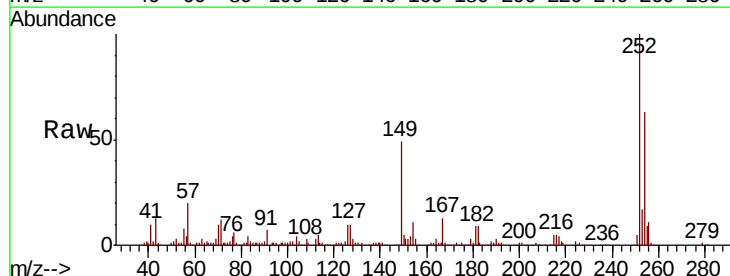
Tgt Ion:252 Resp: 272234

Ion Ratio Lower Upper

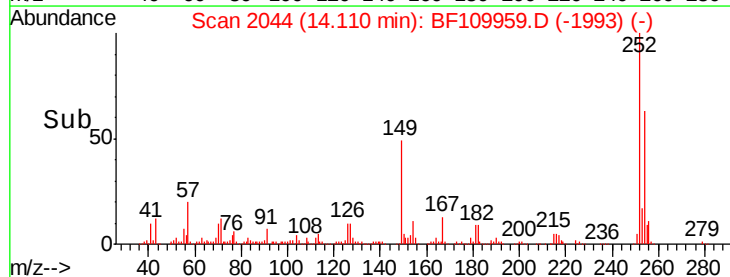
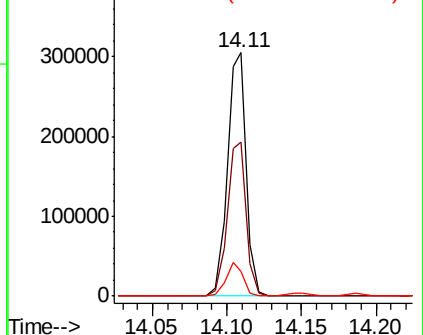
252 100

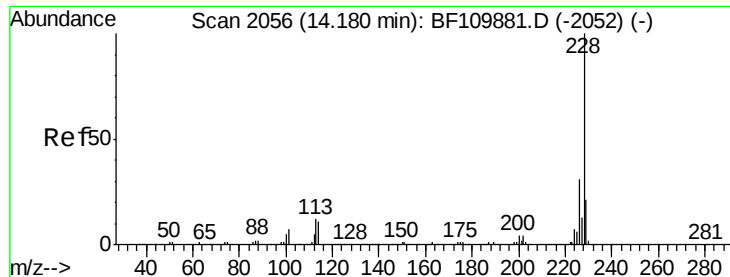
254 63.4 51.3 76.9

126 10.1 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





#83

Chrysene

Concen: 44.666 ng

RT: 14.19 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BF109959.D

Acq: 18 Oct 2018 14:17

Instrument :

BNA_F

ClientSampleId :

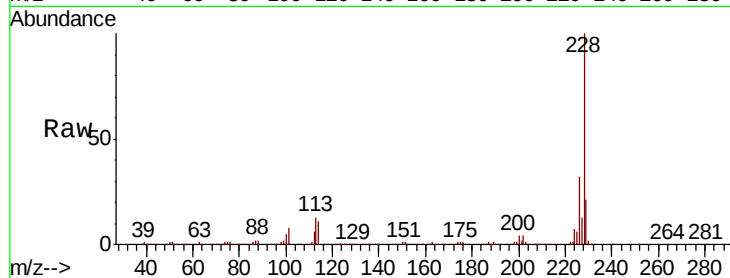
Tot Ion:228 Resp: 1032931

Ion Ratio Lower Upper

228 100

226 31.5 24.7 37.1

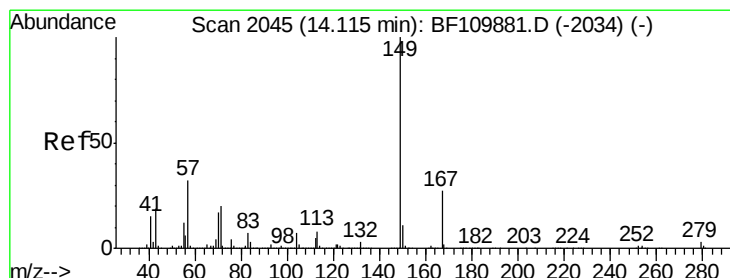
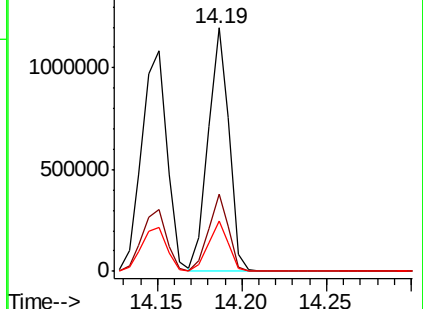
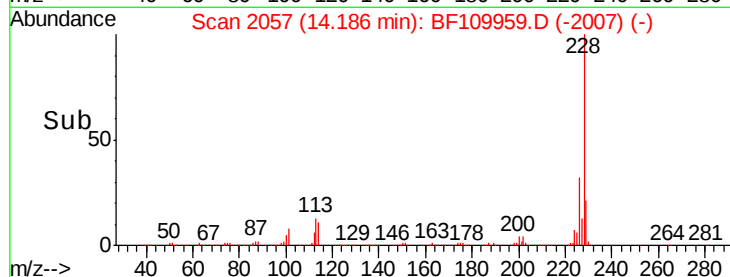
229 20.7 15.9 23.9



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.235 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF109959.D

Acq: 18 Oct 2018 14:17

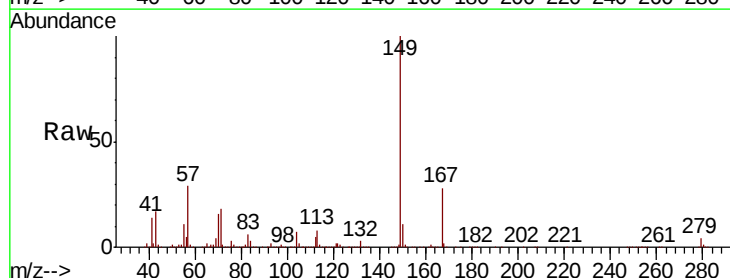
Tgt Ion:149 Resp: 841815

Ion Ratio Lower Upper

149 100

167 28.0 19.8 29.8

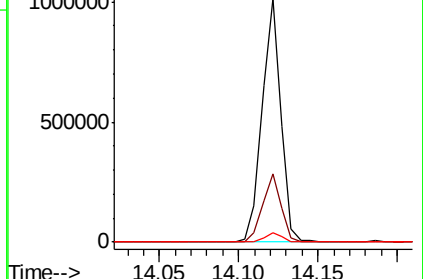
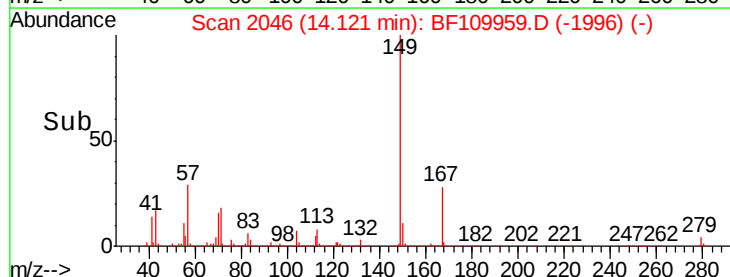
279 3.8 2.7 4.1

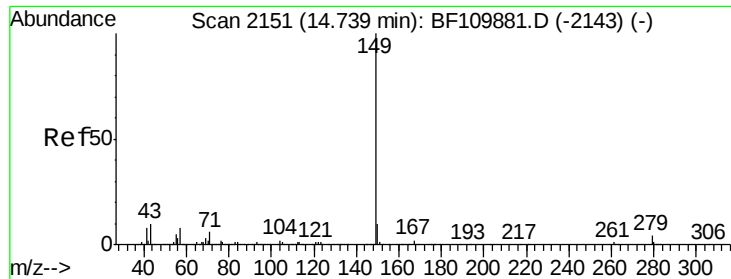


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 58.056 ng

RT: 14.74 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BF109959.D

Acq: 18 Oct 2018 14:17

Instrument :

BNA_F

ClientSampleId :

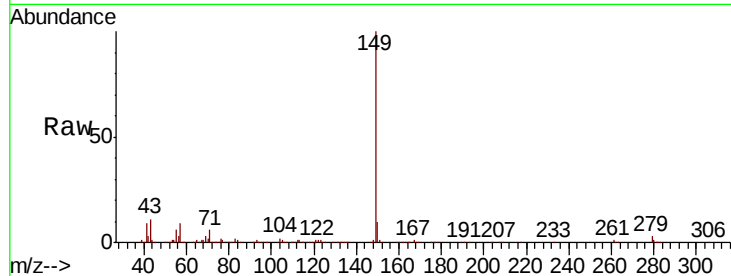
Tot Ion:149 Resp: 1319083

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

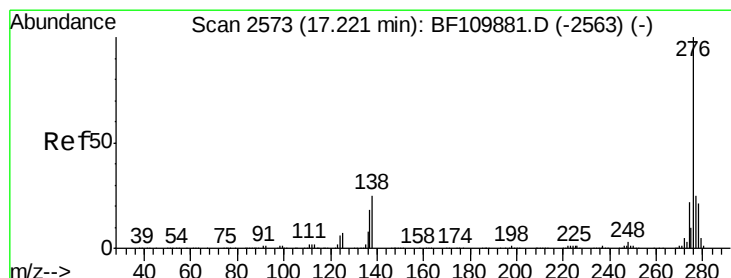
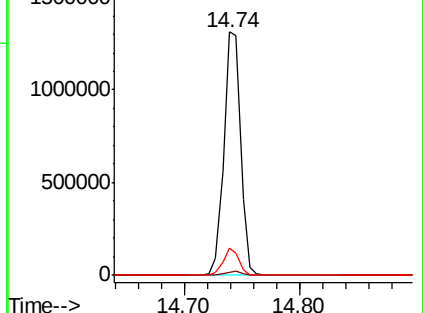
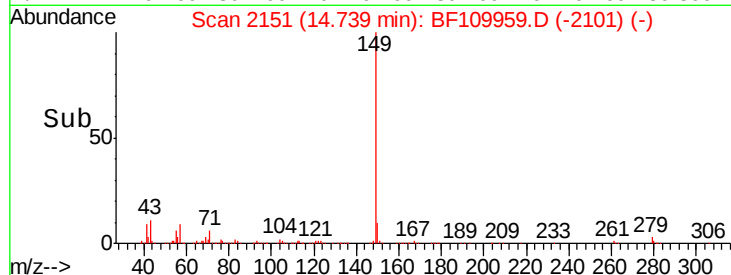
43 10.3 7.8 11.8



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 70.016 ng

RT: 17.26 min Scan# 2580

Delta R.T. -0.00 min

Lab File: BF109959.D

Acq: 18 Oct 2018 14:17

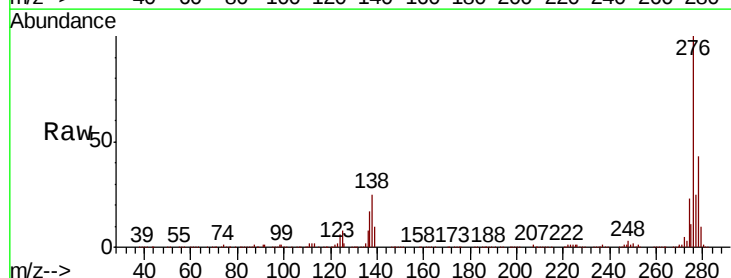
Tgt Ion:276 Resp: 1303683

Ion Ratio Lower Upper

276 100

138 27.9 18.5 27.7#

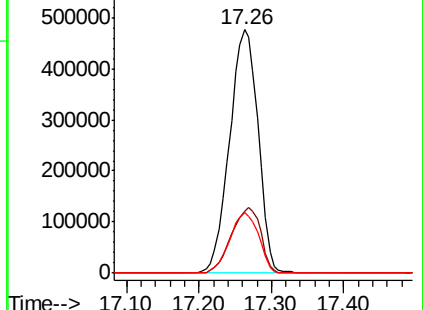
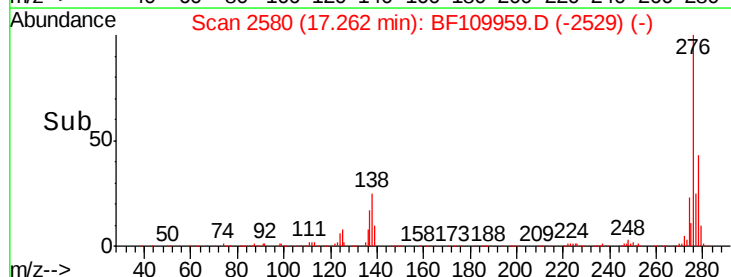
277 25.3 20.0 30.0

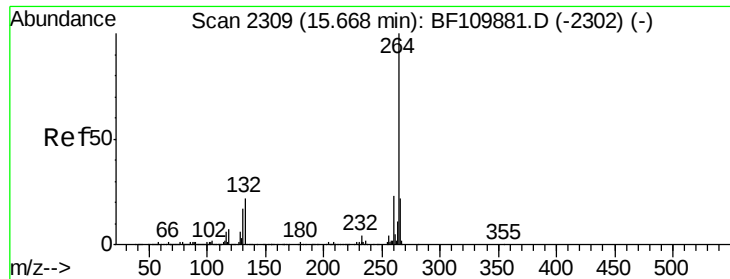


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BF109959.D

Acq: 18 Oct 2018 14:17

Instrument :

BNA_F

ClientSampled :

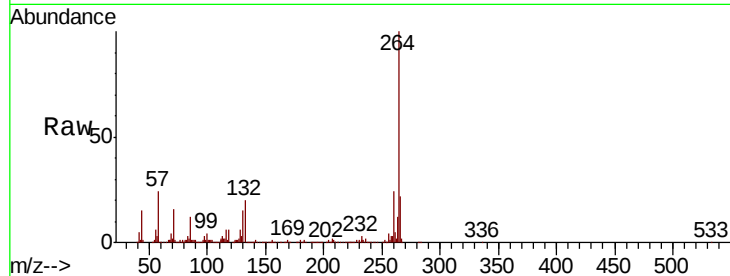
Tot Ion:264 Resp: 428843

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 21.9 16.7 25.1

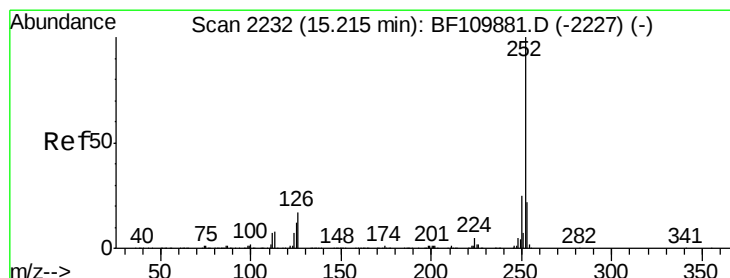
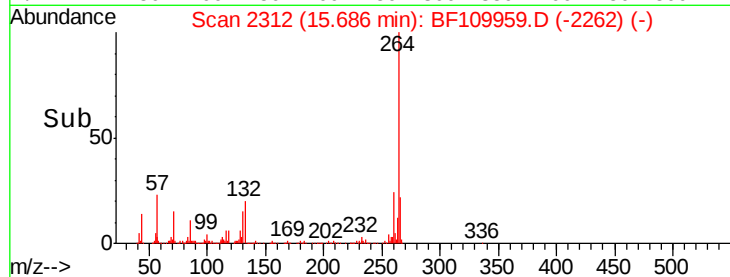
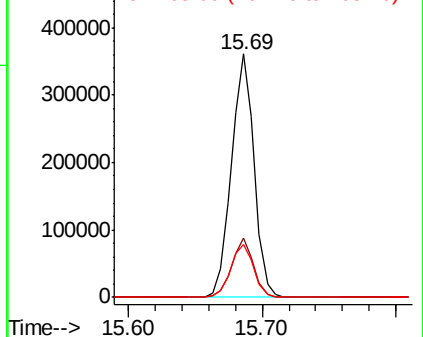


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.864 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BF109959.D

Acq: 18 Oct 2018 14:17

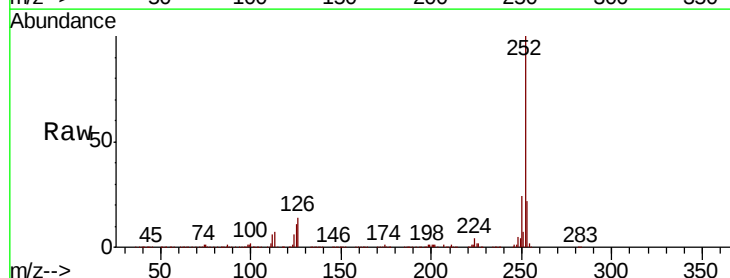
Tgt Ion:252 Resp: 1109206

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 11.0 8.2 12.4

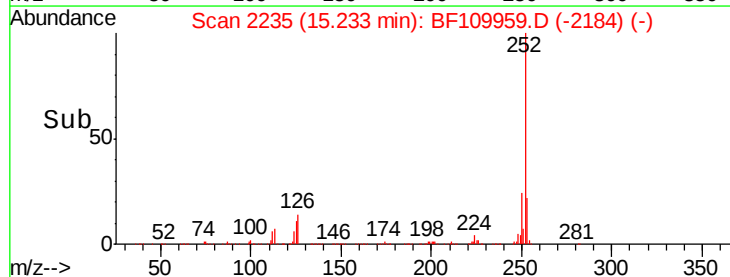
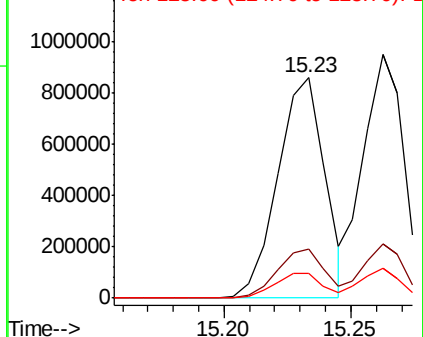


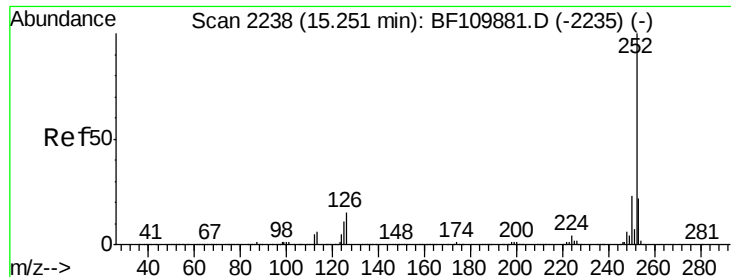
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

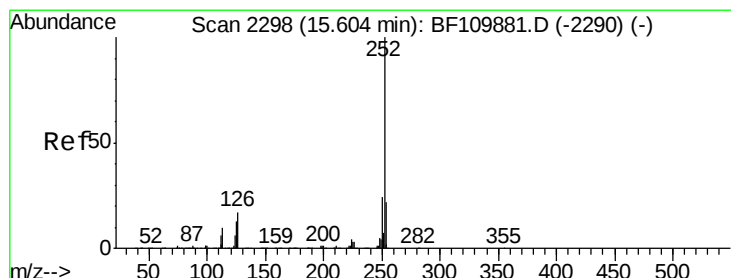
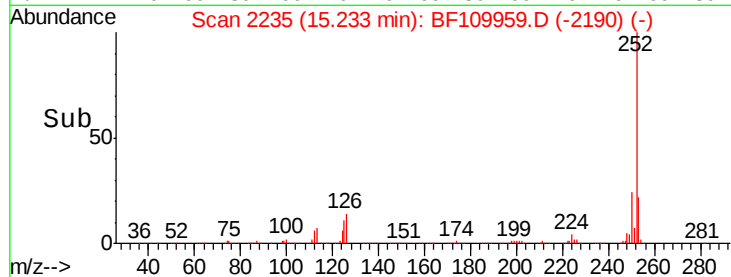
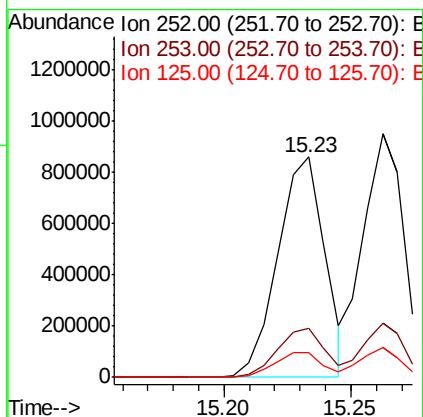
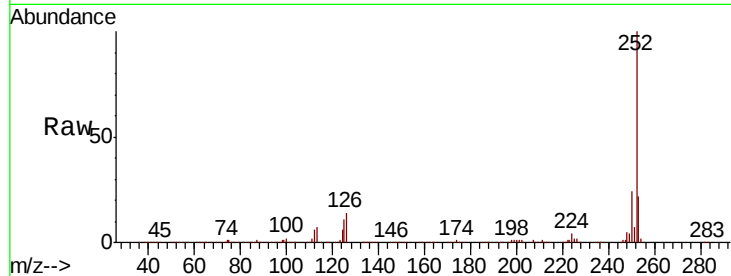




#89
Benzo(k)fluoranthene
Concen: 45.517 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.04 min
Lab File: BF109959.D
Acq: 18 Oct 2018 14:17

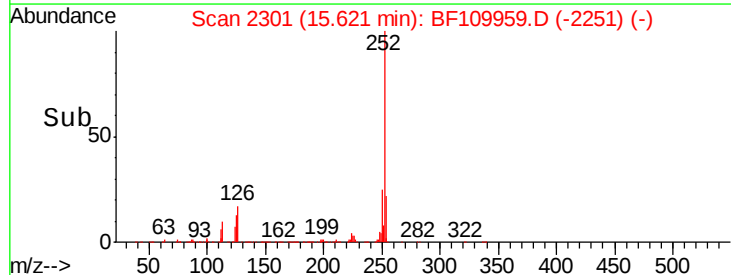
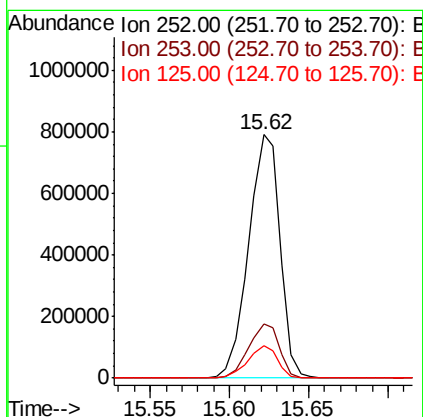
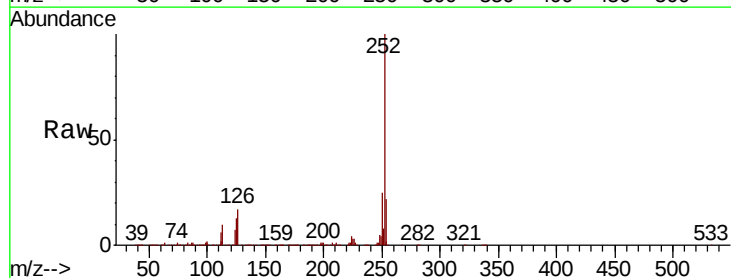
Instrument :
BNA_F
ClientSampleId :

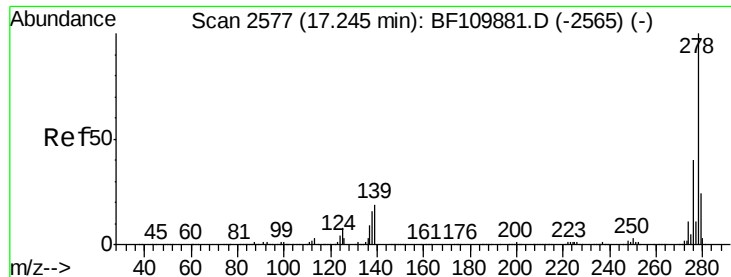
Tot Ion:252 Resp: 1109206
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 11.0 7.4 11.0



#90
Benzo(a)pyrene
Concen: 47.858 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BF109959.D
Acq: 18 Oct 2018 14:17

Tgt Ion:252 Resp: 1088235
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 13.4 9.0 13.6



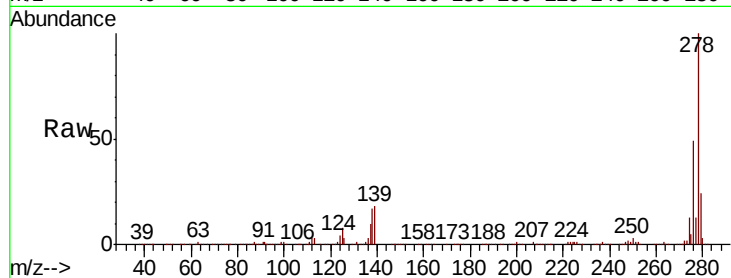


#91
Dibenzo(a,h)anthracene
Concen: 53.256 ng
RT: 17.28 min Scan# 2583
Delta R.T. -0.00 min
Lab File: BF109959.D
Acq: 18 Oct 2018 14:17

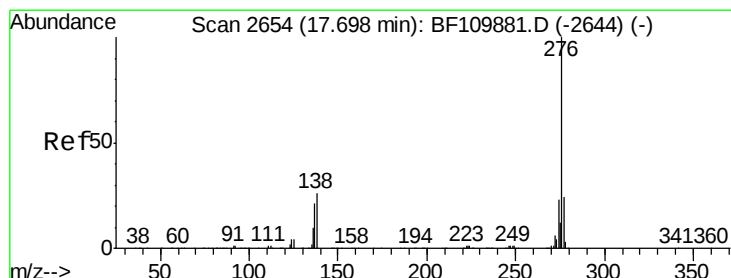
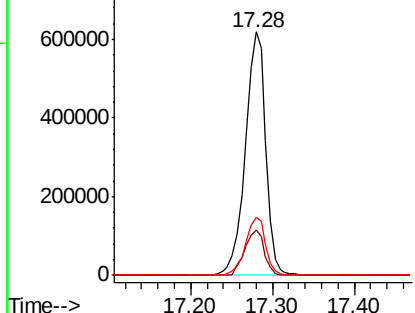
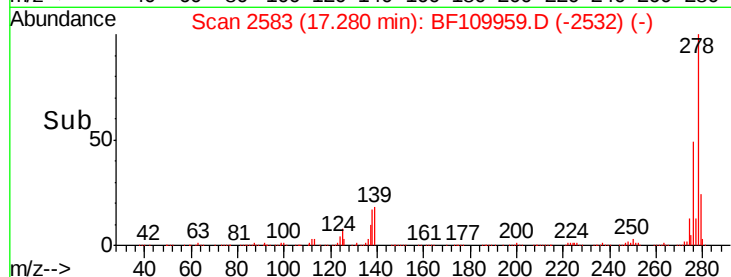
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1073198

Ion	Ratio	Lower	Upper
278	100		
139	18.4	12.7	19.1
279	24.1	19.0	28.4



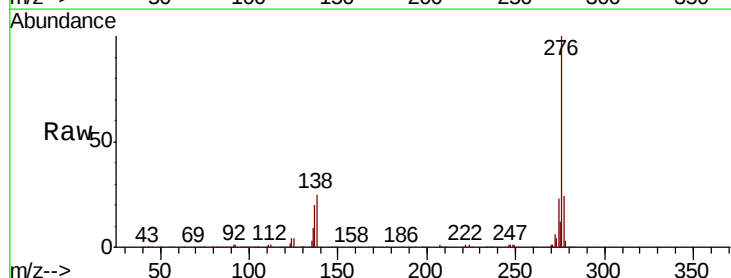
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 51.300 ng
RT: 17.74 min Scan# 2662
Delta R.T. 0.01 min
Lab File: BF109959.D
Acq: 18 Oct 2018 14:17

Tgt Ion:276 Resp: 1044502

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.8	28.2
138	25.3	16.0	24.0



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

