

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
 Data File : BF109209.D
 Acq On : 22 Sep 2018 9:42
 Operator : JU/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 22 11:12:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 11:08:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	99646	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	402774	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	194024	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	389458	20.00	ng	0.00
75) Chrysene-d12	13.84	240	342191	20.00	ng	0.00
86) Perylene-d12	15.23	264	335013	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	129575	21.60	ng	0.00
7) Phenol-d6	6.33	99	164153	21.22	ng	-0.01
23) Nitrobenzene-d5	7.26	82	134252	18.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	39755	18.88	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	308481	24.91	ng	0.00
78) Terphenyl-d14	12.79	244	286252	19.83	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.36	88	29107	10.19	ng	91
3) Pyridine	3.09	79	64494	8.52	ng	94
4) n-Nitrosodimethylamine	2.99	42	29661	10.37	ng	98
6) Aniline	6.36	93	105788	10.58	ng	97
8) 2-Chlorophenol	6.49	128	72075	10.73	ng	94
9) Benzaldehyde	6.25	77	59081	11.96	ng	96
10) Phenol	6.35	94	94132	10.81	ng	99
11) bis(2-Chloroethyl)ether	6.43	93	72675	10.61	ng	98
12) 1,3-Dichlorobenzene	6.65	146	82737	10.78	ng	100
13) 1,4-Dichlorobenzene	6.72	146	82633	10.73	ng	98
14) 1,2-Dichlorobenzene	6.87	146	78804	11.03	ng	99
15) Benzyl Alcohol	6.85	79	61648	10.50	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	102906	10.49	ng	97
17) 2-Methylphenol	6.96	107	57712	10.54	ng	97
18) Hexachloroethane	7.22	117	28460	10.17	ng	93
19) n-Nitroso-di-n-propylamine	7.12	70	53797	10.52	ng	99
20) 3+4-Methylphenols	7.11	107	74063	11.23	ng	# 50
22) Acetophenone	7.11	105	101337	11.08	ng	# 95
24) Nitrobenzene	7.28	77	73662	9.95	ng	96
25) Isophorone	7.52	82	125392	10.16	ng	96
26) 2-Nitrophenol	7.60	139	21470	6.21	ng	96
27) 2,4-Dimethylphenol	7.64	122	55174	10.17	ng	96
28) bis(2-Chloroethoxy)methane	7.74	93	85968	10.35	ng	99
29) 2,4-Dichlorophenol	7.84	162	58175	10.07	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	66186	10.60	ng	98
31) Naphthalene	8.01	128	200529	10.73	ng	98
32) Benzoic acid	7.72	122	19161	5.41	ng	96
33) 4-Chloroaniline	8.05	127	87444	10.52	ng	99
34) Hexachlorobutadiene	8.13	225	40723	10.68	ng	98
35) Caprolactam	8.39	113	18048	9.58	ng	# 87
36) 4-Chloro-3-methylphenol	8.53	107	62176	10.22	ng	98
37) 2-Methylnaphthalene	8.70	142	131095	10.76	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	68590	11.23	ng	98
40) Hexachlorocyclopentadiene	8.86	237	22572	7.34	ng	96

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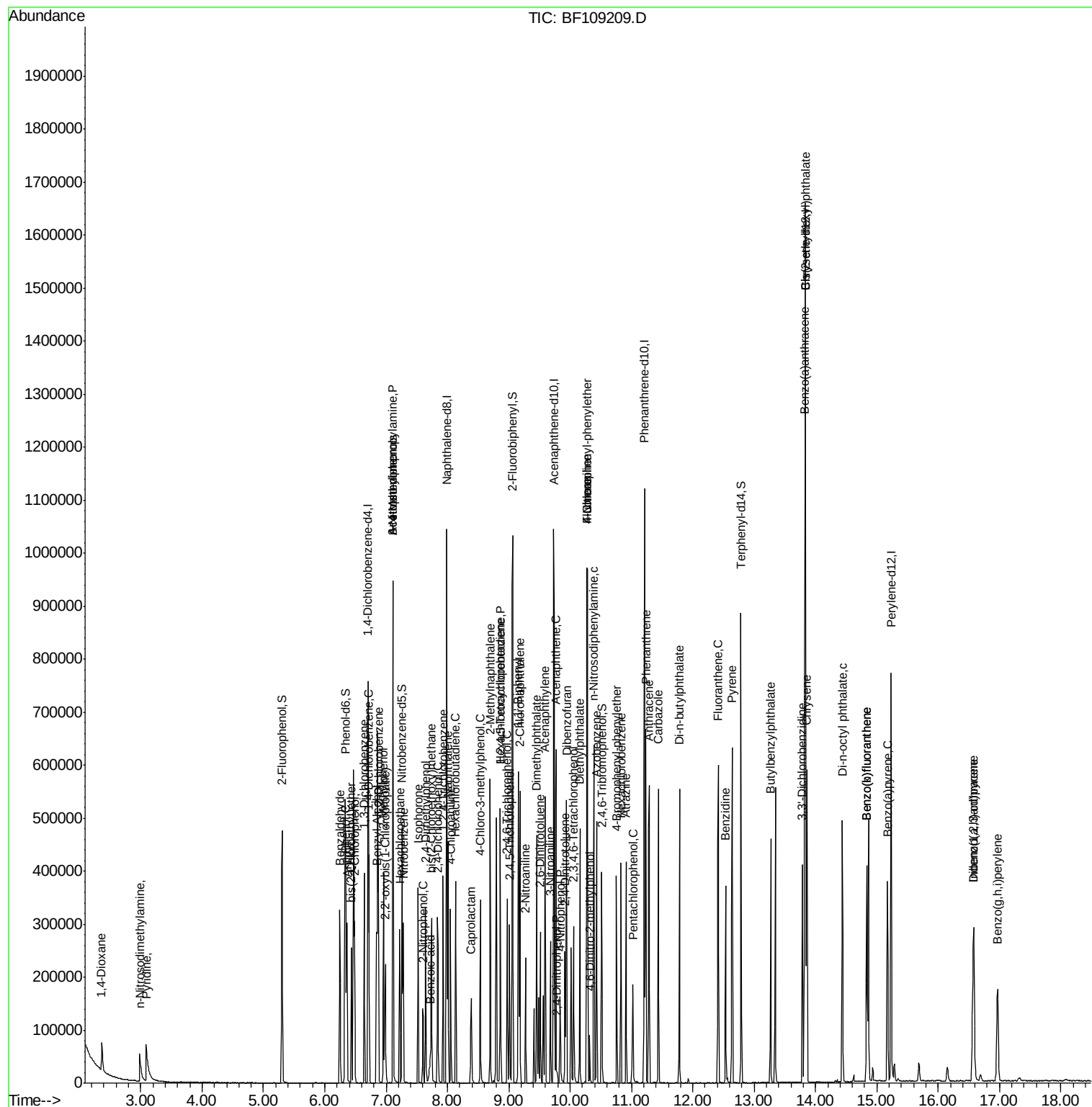
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	39641	9.66	nq	98
43) 2,4,5-Trichlorophenol	9.01	196	44020	10.26	nq	98
45) 1,1'-Biphenyl	9.16	154	173452	11.17	nq	97
46) 2-Chloronaphthalene	9.18	162	139102	11.19	nq	98
47) 2-Nitroaniline	9.27	65	31062	8.13	nq	99
48) Acenaphthylene	9.59	152	208549	11.13	nq	99
49) Dimethylphthalate	9.46	163	153016	11.03	nq	100
50) 2,6-Dinitrotoluene	9.52	165	26820	8.72	nq	92
51) Acenaphthene	9.77	154	124477	10.67	nq	99
52) 3-Nitroaniline	9.68	138	32436	8.96	nq	# 93
53) 2,4-Dinitrophenol	9.79	184	4107	3.47	nq	# 24
54) Dibenzofuran	9.94	168	189341	11.23	nq	100
55) 4-Nitrophenol	9.84	139	21149	7.93	nq	98
56) 2,4-Dinitrotoluene	9.92	165	30164	7.50	nq	# 94
57) Fluorene	10.28	166	138453	12.32	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	33664	9.48	nq	# 93
59) Diethylphthalate	10.16	149	152452	10.89	nq	98
60) 4-Chlorophenyl-phenylether	10.27	204	73327	12.18	nq	94
61) 4-Nitroaniline	10.28	138	30640	8.91	nq	91
62) Azobenzene	10.43	77	161192	11.24	nq	95
64) 4,6-Dinitro-2-methylphenol	10.32	198	8669	4.65	nq	92
65) n-Nitrosodiphenylamine	10.39	169	139759	10.97	nq	94
66) 4-Bromophenyl-phenylether	10.76	248	45906	10.46	nq	# 86
67) Hexachlorobenzene	10.83	284	49774	10.60	nq	93
68) Atrazine	10.92	200	42348	10.38	nq	96
69) Pentachlorophenol	11.02	266	22978	7.65	nq	98
70) Phenanthrene	11.23	178	212626	11.14	nq	99
71) Anthracene	11.29	178	216780	11.20	nq	98
72) Carbazole	11.44	167	214668	11.21	nq	99
73) Di-n-butylphthalate	11.78	149	250981	11.19	nq	98
74) Fluoranthene	12.42	202	231087	11.47	nq	95
76) Benzidine	12.53	184	134630	11.11	nq	98
77) Pyrene	12.64	202	238785	9.39	nq	98
79) Butylbenzylphthalate	13.27	149	96419	8.49	nq	97
80) Benzo(a)anthracene	13.82	228	211296	10.20	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	80439	9.62	nq	99
82) Chrysene	13.86	228	206832	9.98	nq	97
83) Bis(2-ethylhexyl)phthalate	13.83	149	127956	9.31	nq	98
84) Di-n-octyl phthalate	14.44	149	212354	9.11	nq	99
85) Indeno(1,2,3-cd)pyrene	16.57	276	171014	10.32	nq	93
87) Benzo(b)fluoranthene	14.84	252	192067	10.36	nq	99
88) Benzo(k)fluoranthene	14.84	252	192067	11.10	nq	97
89) Benzo(a)pyrene	15.17	252	172816	10.50	nq	99
90) Dibenzo(a,h)anthracene	16.59	278	140906	10.19	nq	97
91) Benzo(g,h,i)perylene	16.97	276	135227	9.78	nq	95

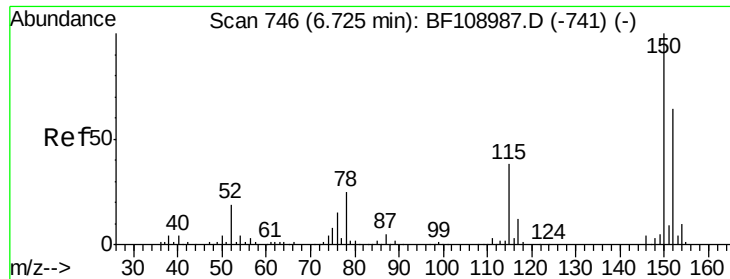
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF109209.D

Acq: 22 Sep 2018 9:42

Instrument :

BNA_F

ClientSampleId :

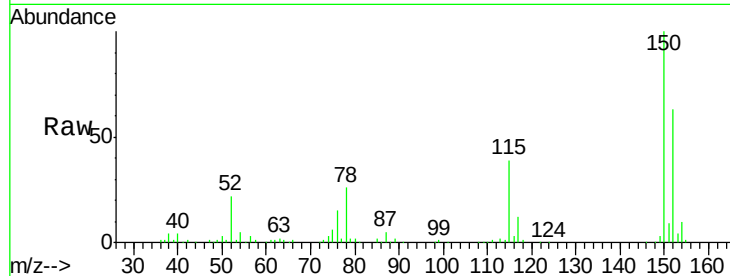
Tot Ion:152 Resp: 99646

Ion Ratio Lower Upper

152 100

150 158.8 124.6 186.8

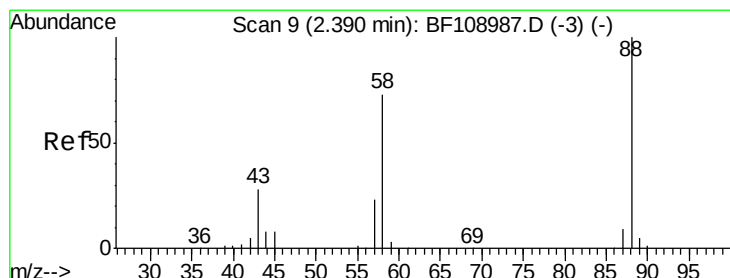
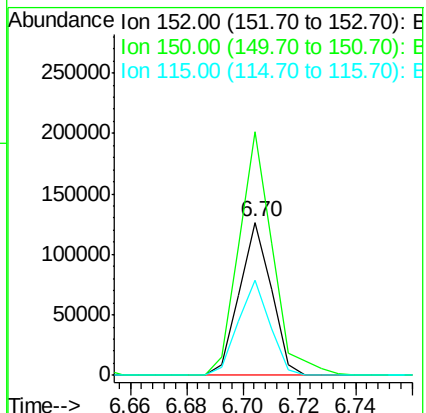
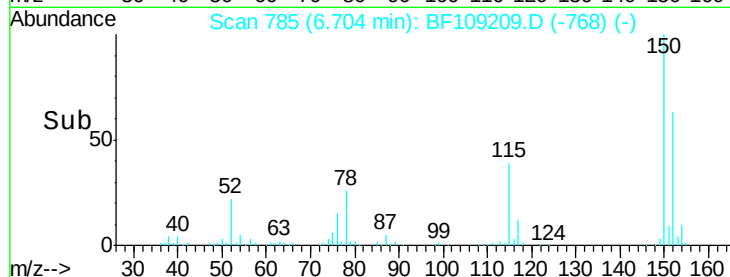
115 62.1 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 10.19 ng

RT: 2.36 min Scan# 47

Delta R.T. -0.01 min

Lab File: BF109209.D

Acq: 22 Sep 2018 9:42

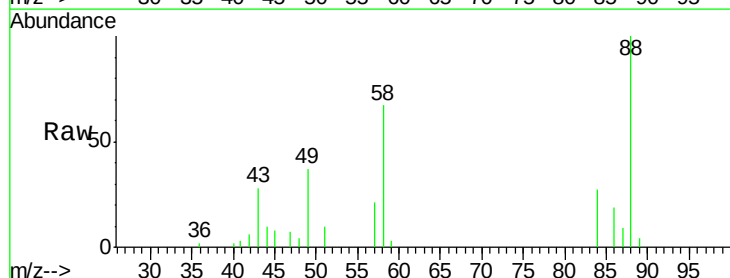
Tgt Ion: 88 Resp: 29107

Ion Ratio Lower Upper

88 100

58 68.3 62.6 93.8

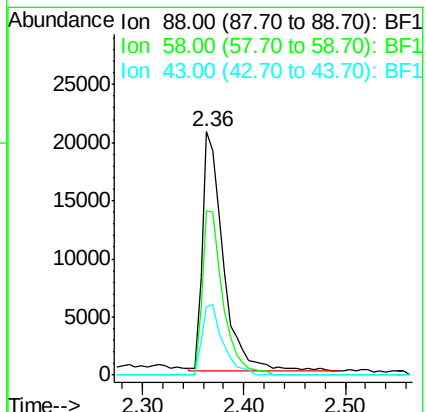
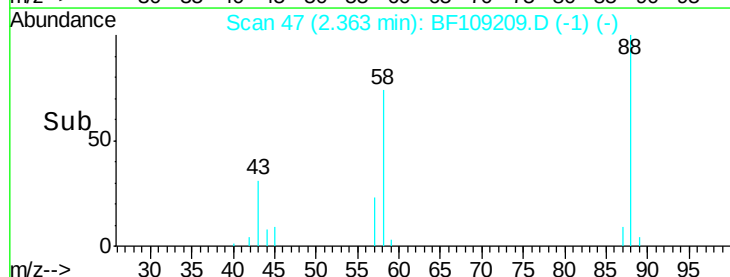
43 29.5 24.6 37.0

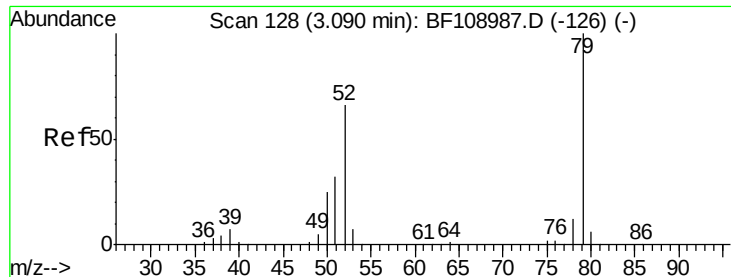


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 8.52 ng

RT: 3.09 min Scan# 170

Delta R.T. 0.02 min

Lab File: BF109209.D

Acq: 22 Sep 2018 9:42

Instrument :

BNA_F

ClientSampleId :

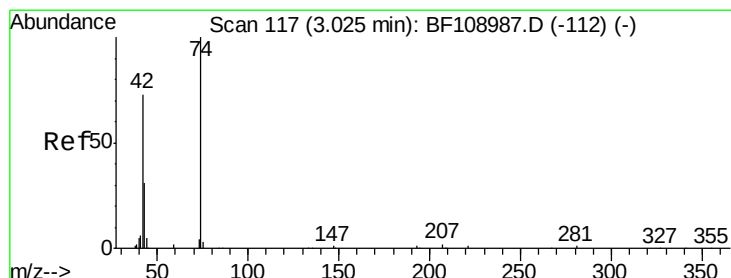
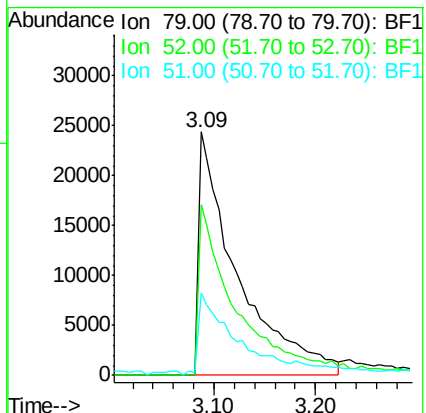
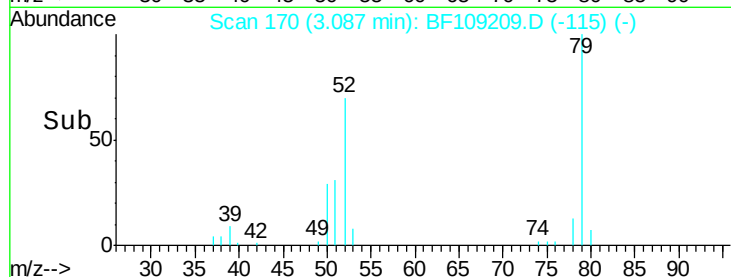
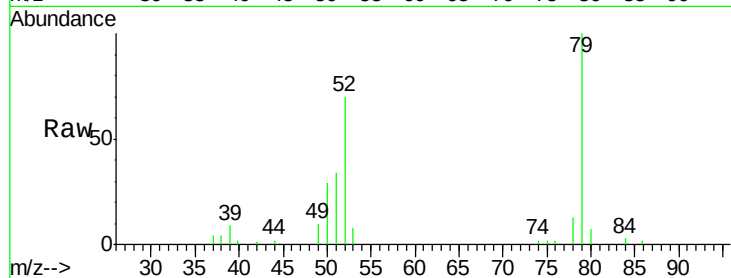
Tot Ion: 79 Resp: 64494

Ion Ratio Lower Upper

79 100

52 70.0 59.8 89.6

51 33.6 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 10.37 ng

RT: 2.99 min Scan# 153

Delta R.T. -0.02 min

Lab File: BF109209.D

Acq: 22 Sep 2018 9:42

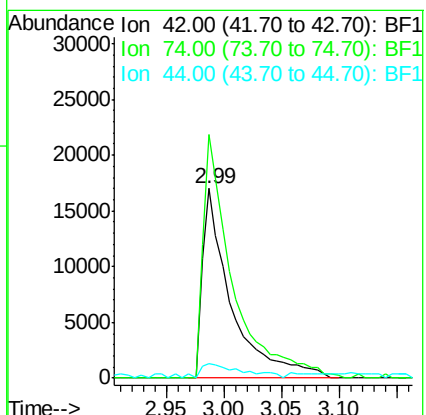
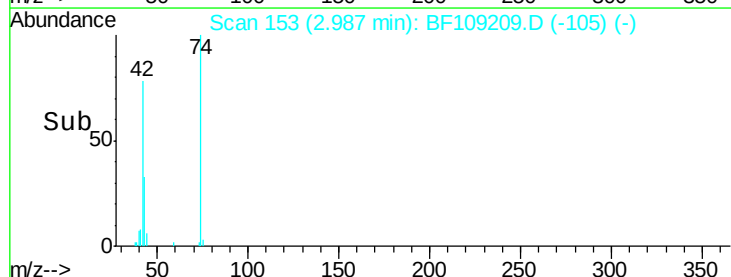
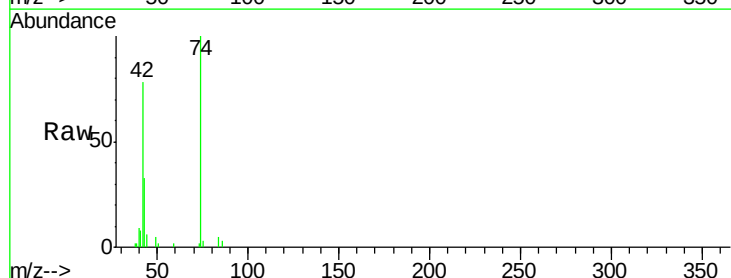
Tgt Ion: 42 Resp: 29661

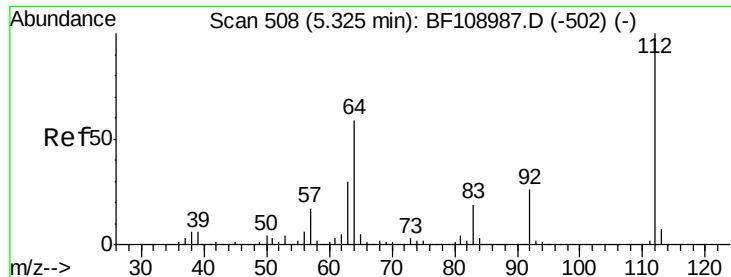
Ion Ratio Lower Upper

42 100

74 128.5 104.9 157.3

44 7.5 6.9 10.3





#5

2-Fluorophenol

Concen: 21.60 ng

RT: 5.30 min Scan# 547

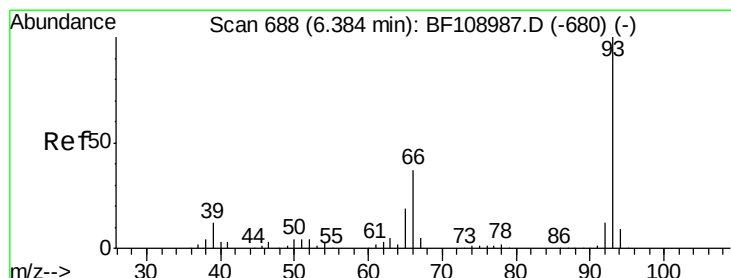
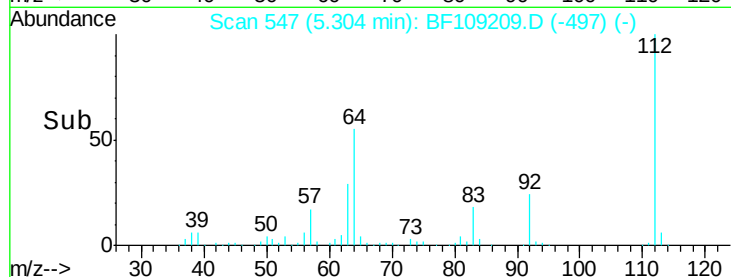
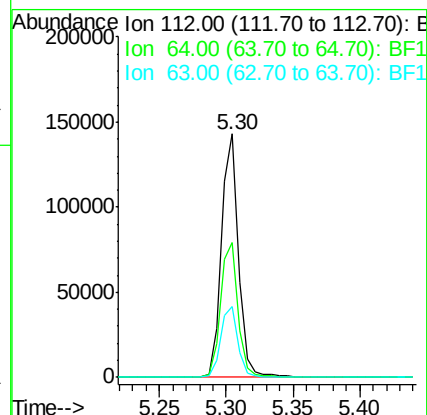
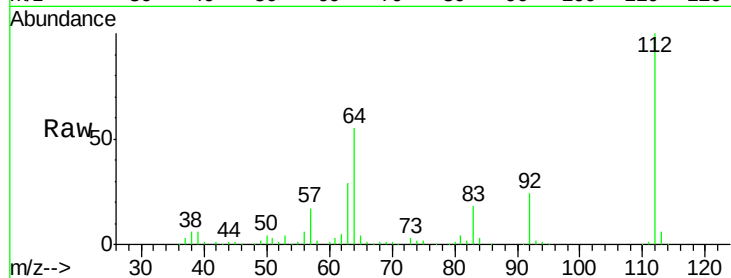
Delta R.T. -0.01 min

Lab File: BF109209.D

Acq: 22 Sep 2018 9:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	129575
Ion	Ratio	Lower	Upper
112	100		
64	55.4	47.9	71.9
63	28.9	23.7	35.5



#6

Aniline

Concen: 10.58 ng

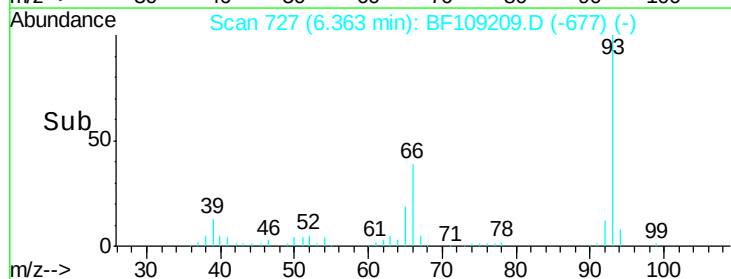
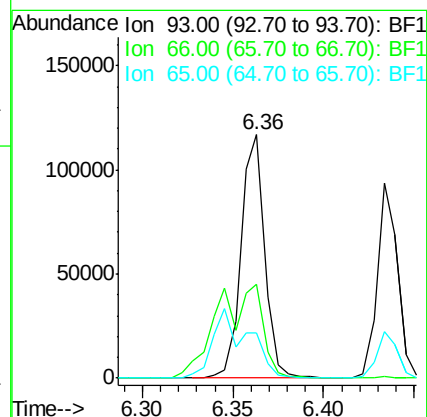
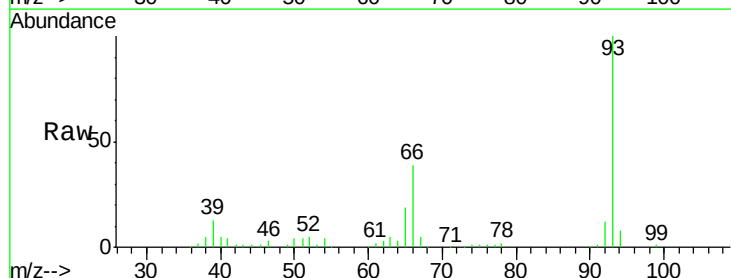
RT: 6.36 min Scan# 727

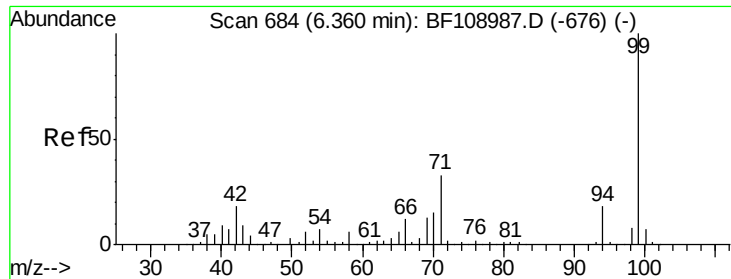
Delta R.T. -0.01 min

Lab File: BF109209.D

Acq: 22 Sep 2018 9:42

Tgt Ion:	93	Resp:	105788
Ion	Ratio	Lower	Upper
93	100		
66	38.5	32.2	48.2
65	18.8	16.4	24.6





#7

Phenol-d6

Concen: 21.22 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF109209.D

Acq: 22 Sep 2018 9:42

Instrument :

BNA_F

ClientSampled :

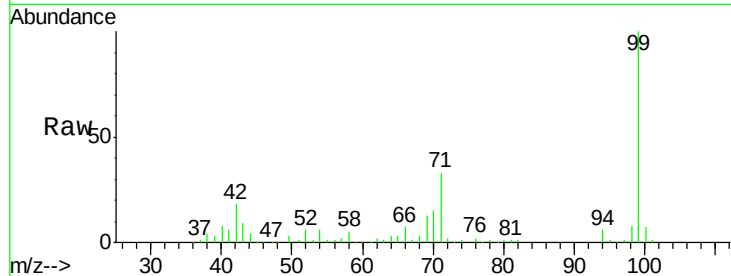
Tot Ion: 99 Resp: 164153

Ion Ratio Lower Upper

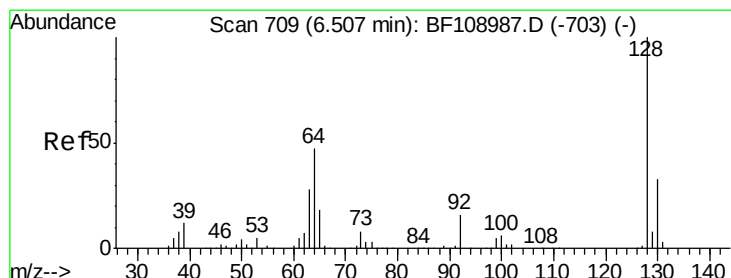
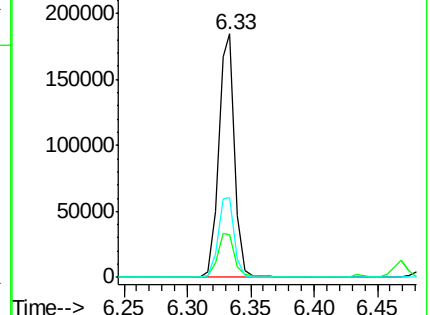
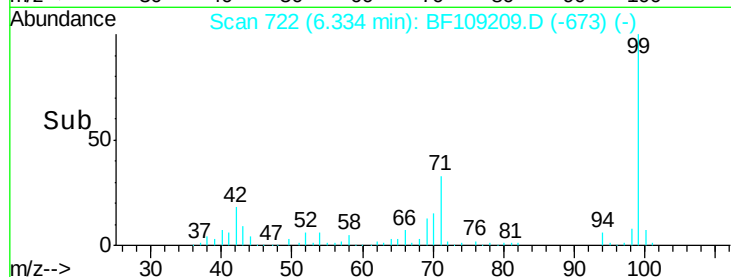
99 100

42 17.6 14.5 21.7

71 32.8 25.4 38.0



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: 10.73 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF109209.D

Acq: 22 Sep 2018 9:42

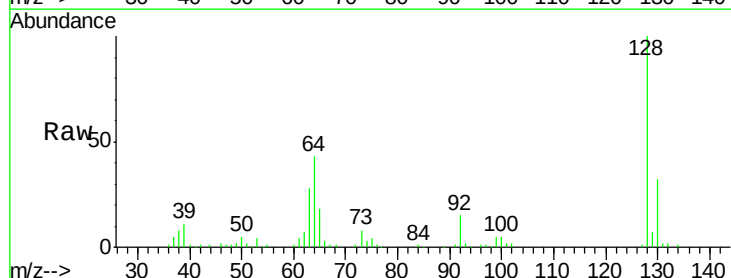
Tgt Ion: 128 Resp: 72075

Ion Ratio Lower Upper

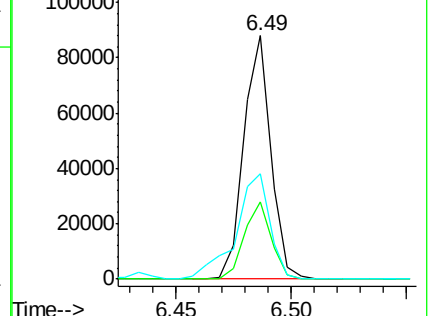
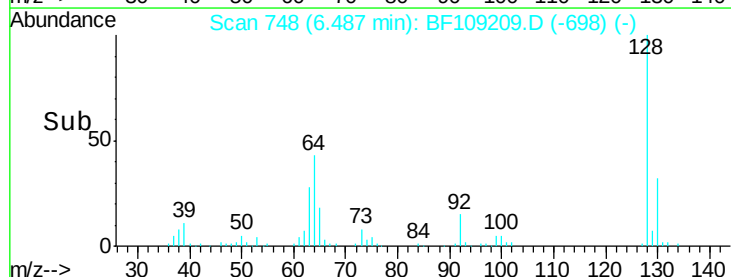
128 100

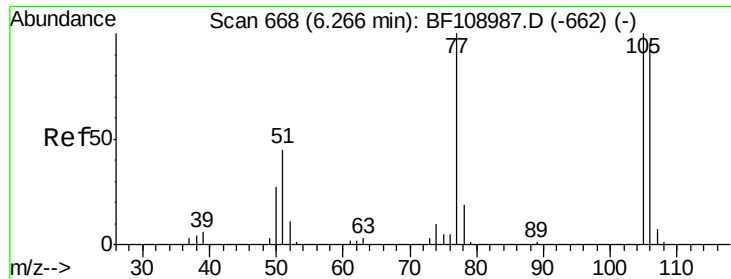
130 31.6 13.0 53.0

64 43.3 29.4 69.4



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

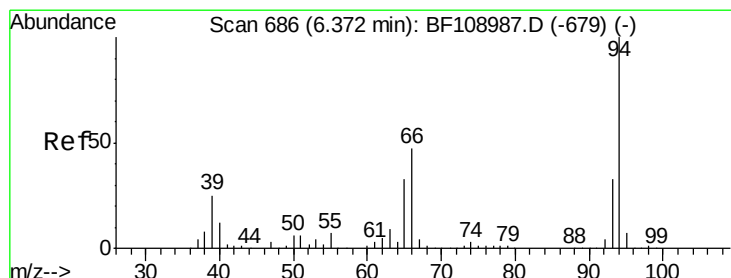
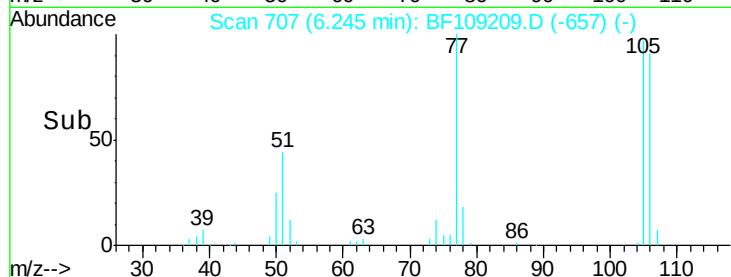
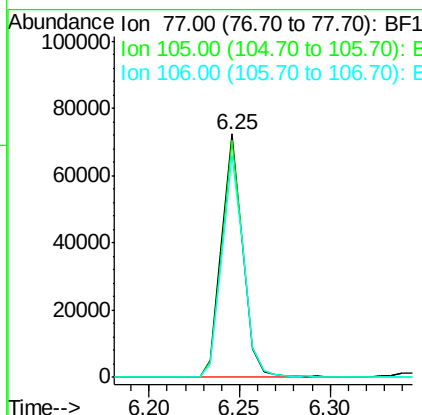
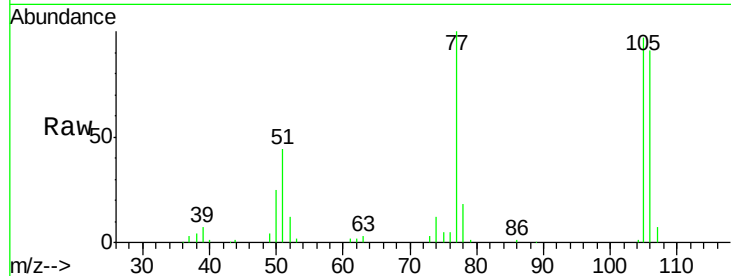




#9
Benzaldehyde
Concen: 11.96 ng
RT: 6.25 min Scan# 707
Delta R.T. -0.01 min
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Acq: 22 Sep 2018 9:42

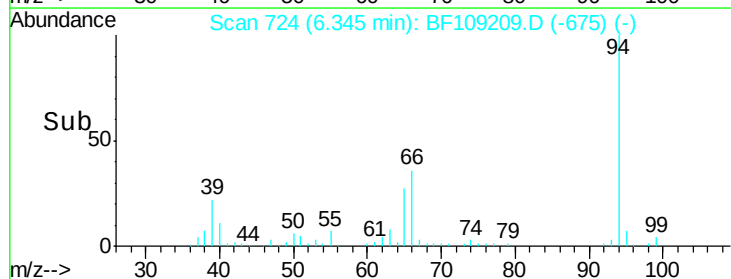
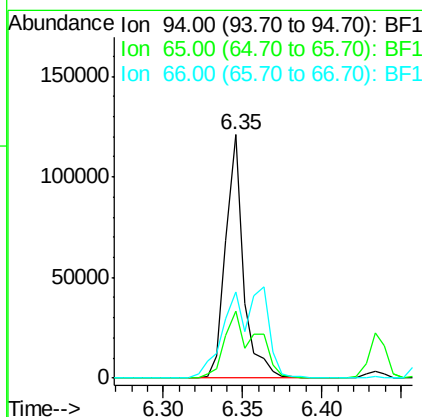
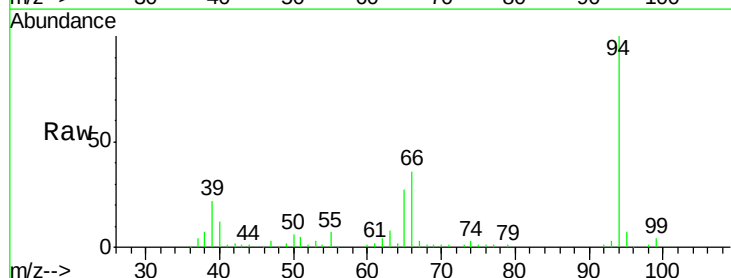
Instrument :
BNA_F
ClientSampled :

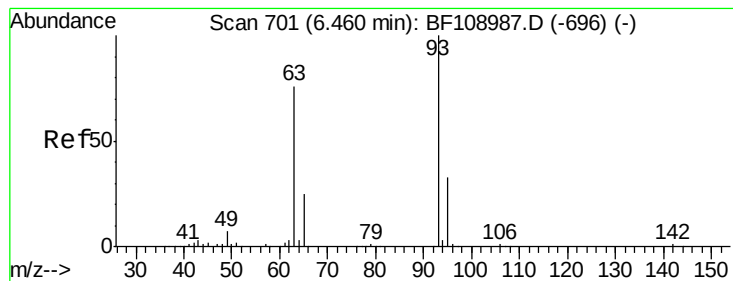
Tot Ion: 77 Resp: 59081
Ion Ratio Lower Upper
77 100
105 97.3 81.1 121.1
106 91.2 74.5 114.5



#10
Phenol
Concen: 10.81 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF109209.D
Acq: 22 Sep 2018 9:42

Tgt Ion: 94 Resp: 94132
Ion Ratio Lower Upper
94 100
65 27.5 7.9 47.9
66 35.7 16.2 56.2

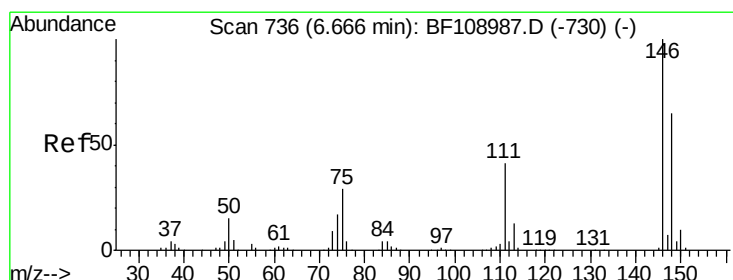
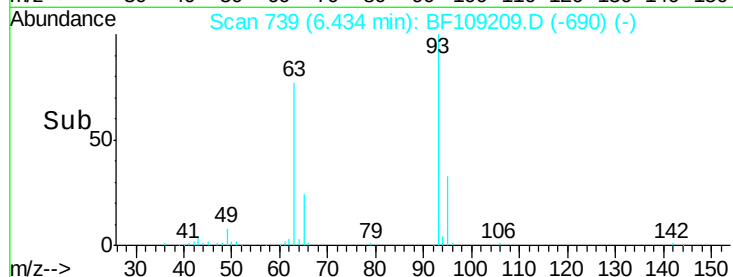
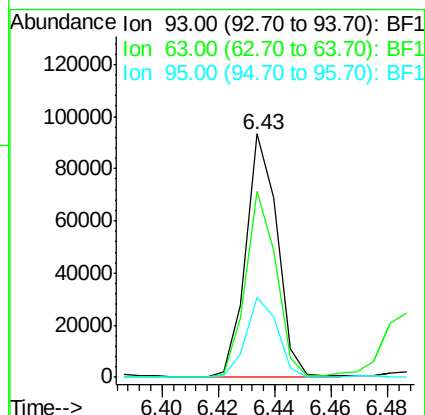
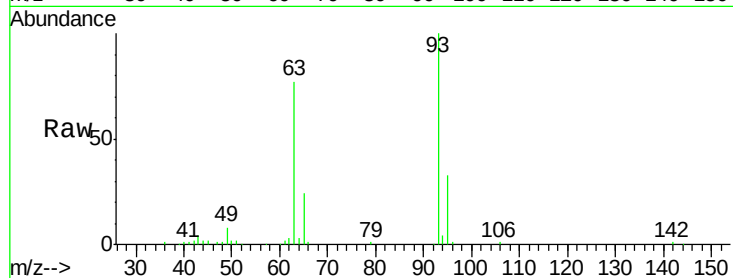




#11
bis(2-Chloroethyl)ether
Concen: 10.61 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF109209.D
Acq: 22 Sep 2018 9:42

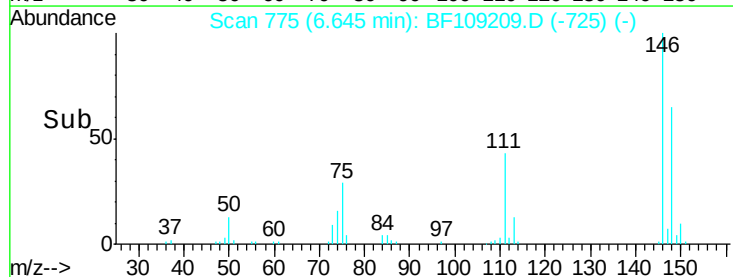
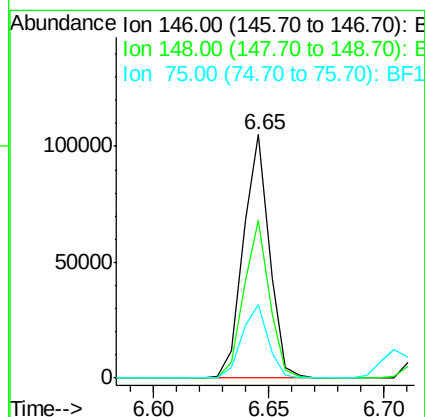
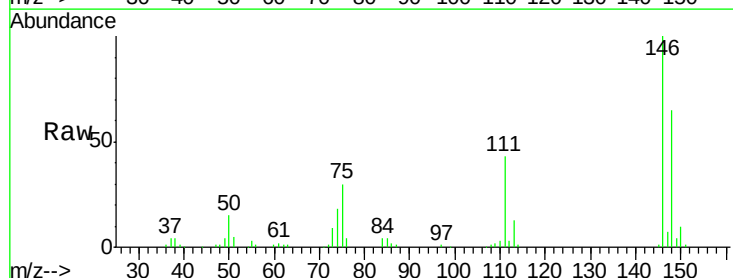
Instrument :
BNA_F
ClientSampleId :

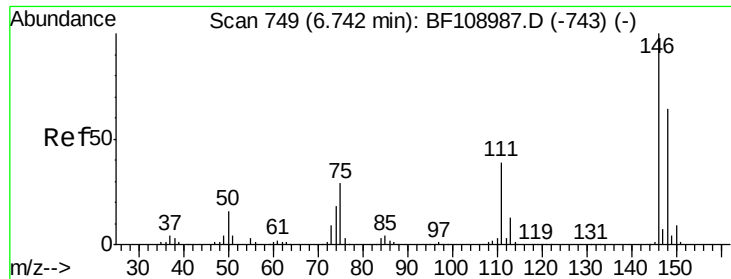
Tot Ion: 93 Resp: 72675
Ion Ratio Lower Upper
93 100
63 76.6 58.6 98.6
95 32.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 10.78 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF109209.D
Acq: 22 Sep 2018 9:42

Tgt Ion: 146 Resp: 82737
Ion Ratio Lower Upper
146 100
148 65.0 51.8 77.8
75 30.0 24.2 36.4

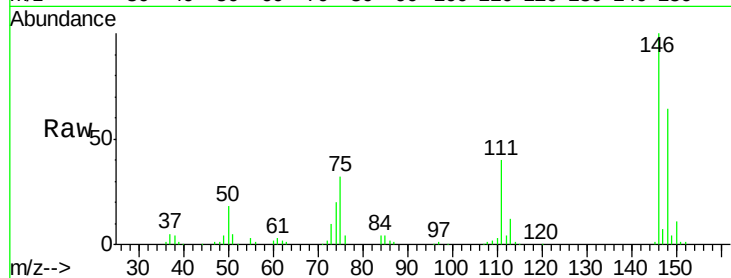




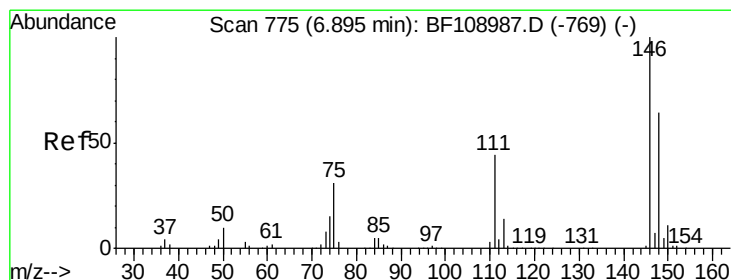
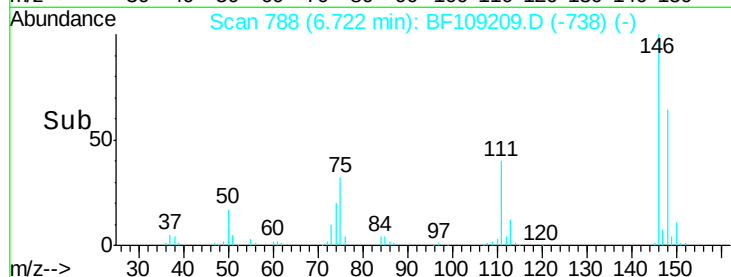
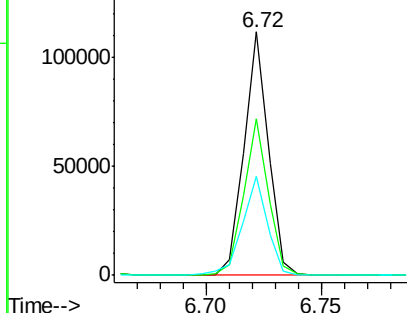
#13
 1,4-Dichlorobenzene
 Concen: 10.73 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF109209.D
 Acq: 22 Sep 2018 9:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 82633
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.8 76.2
 111 40.5 34.2 51.2

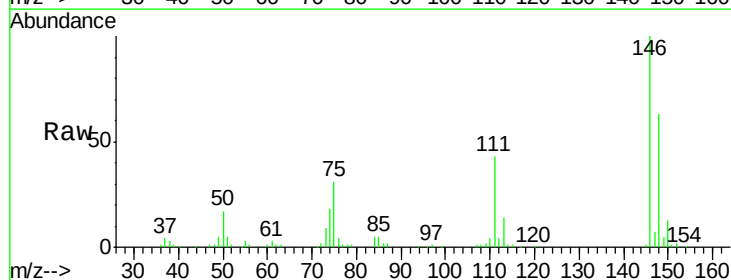


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

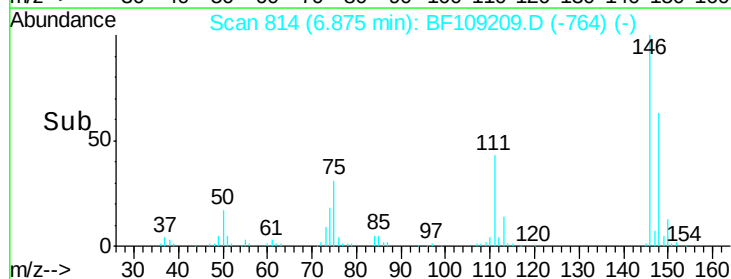
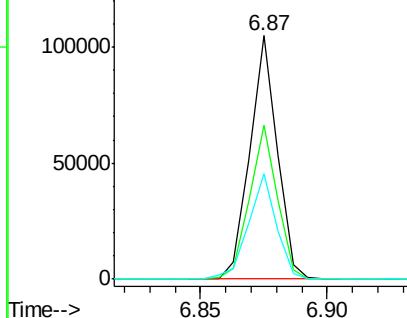


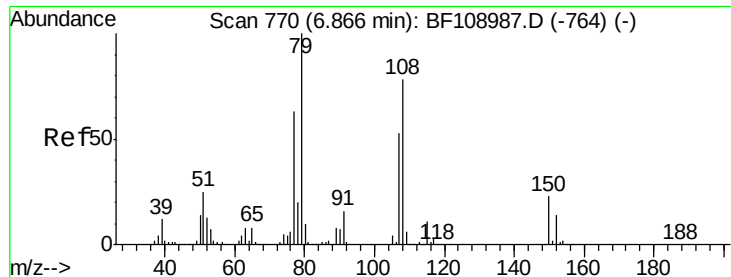
#14
 1,2-Dichlorobenzene
 Concen: 11.03 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF109209.D
 Acq: 22 Sep 2018 9:42

Tgt Ion:146 Resp: 78804
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.6 75.8
 111 43.3 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 10.50 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF109209.D

Acq: 22 Sep 2018 9:42

Instrument :

BNA_F

ClientSampled :

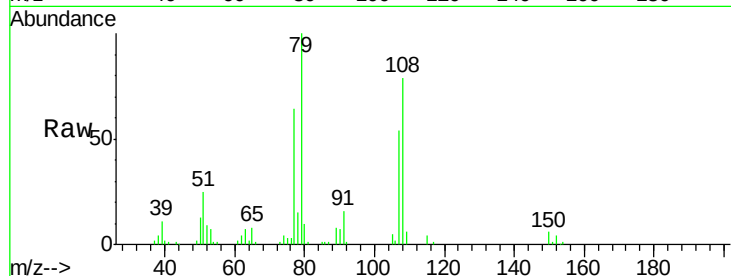
Tot Ion: 79 Resp: 61648

Ion Ratio Lower Upper

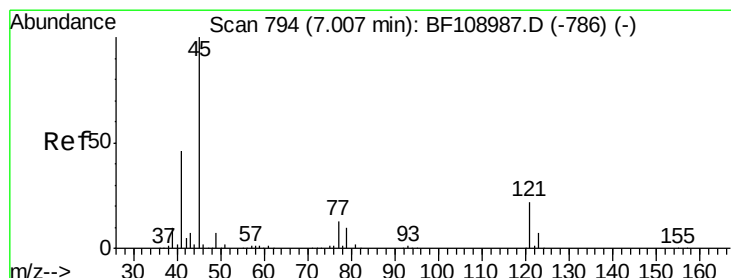
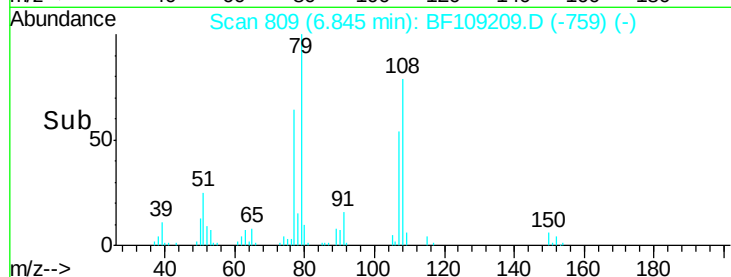
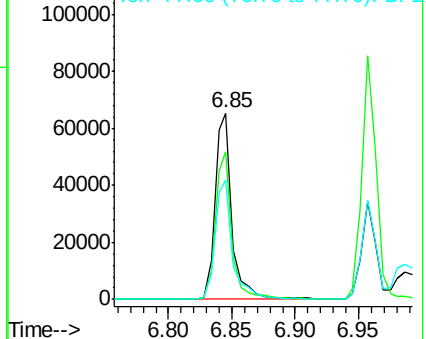
79 100

108 79.1 65.1 97.7

77 64.4 50.6 75.8



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: 10.49 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF109209.D

Acq: 22 Sep 2018 9:42

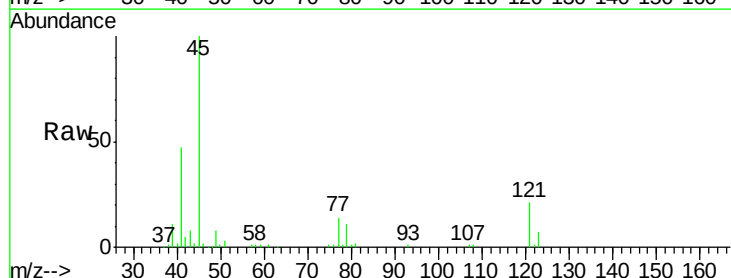
Tgt Ion: 45 Resp: 102906

Ion Ratio Lower Upper

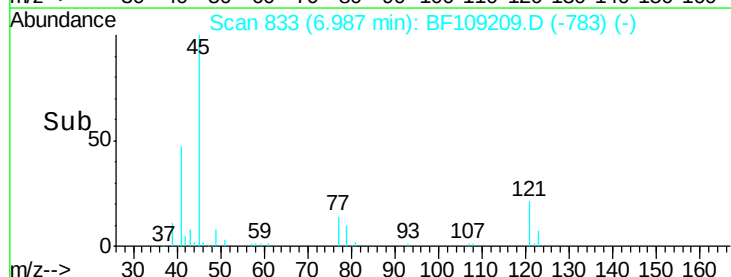
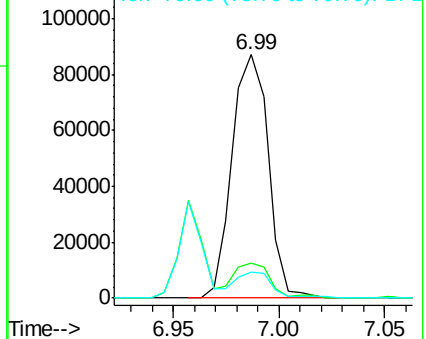
45 100

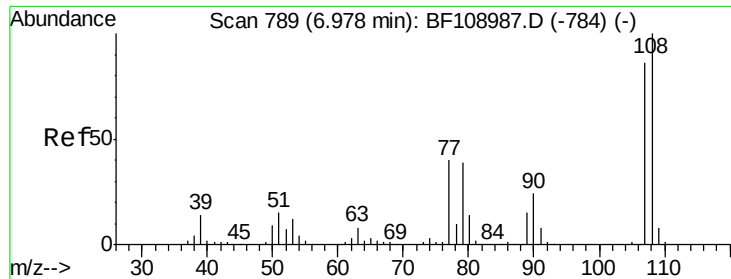
77 14.2 0.0 32.9

79 10.9 0.0 29.6



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

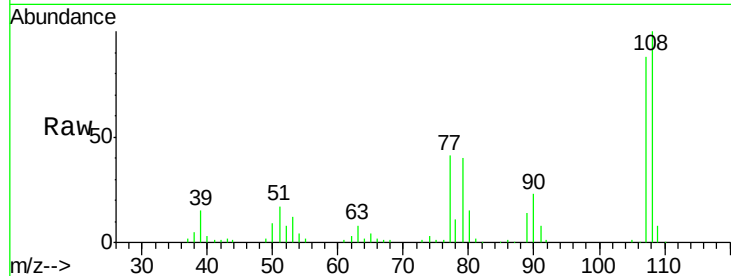




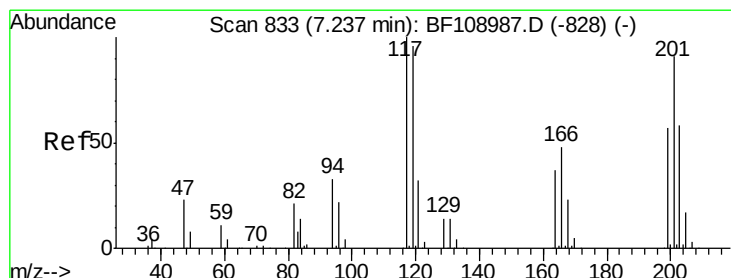
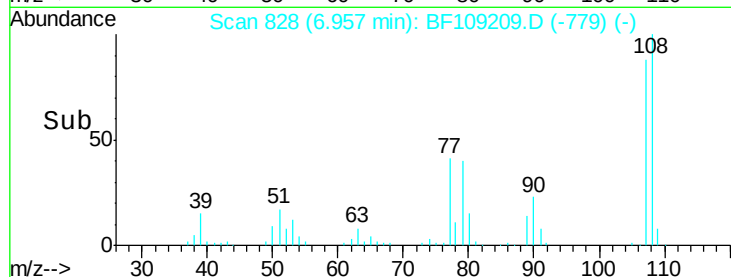
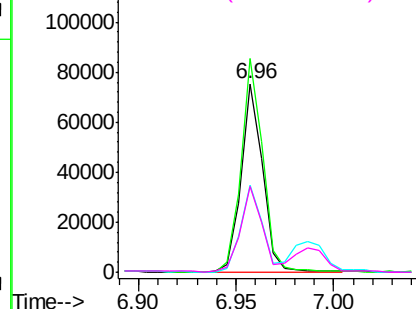
#17
2-Methylphenol
Concen: 10.54 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF109209.D
Acq: 22 Sep 2018 9:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	57712
Ion	Ratio	Lower	Upper
107	100		
108	113.3	91.7	137.5
77	46.3	33.8	50.8
79	45.6	33.8	50.8

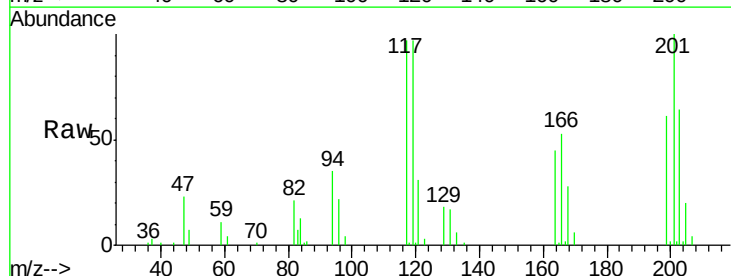


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

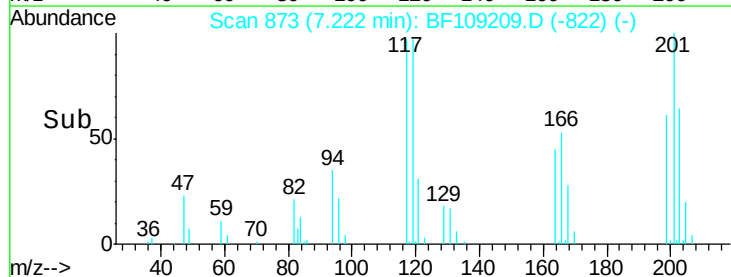
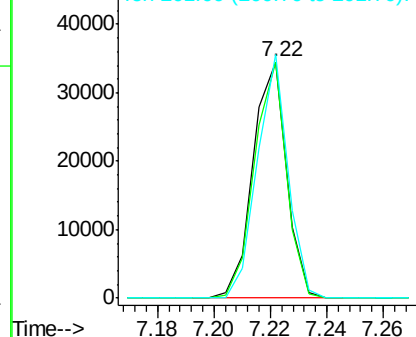


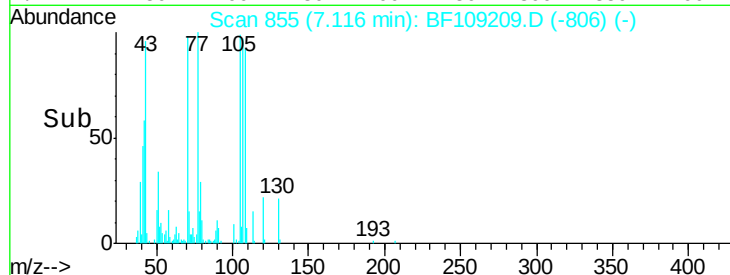
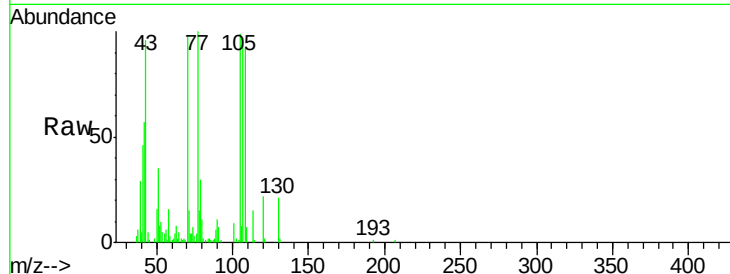
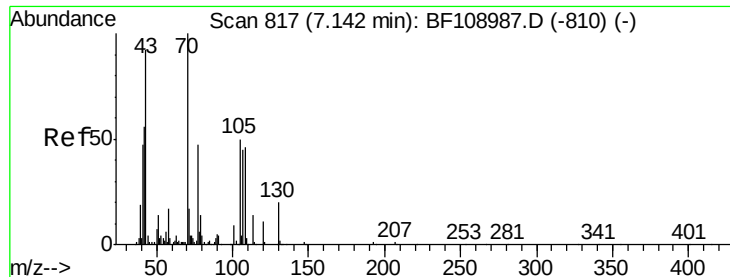
#18
Hexachloroethane
Concen: 10.17 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF109209.D
Acq: 22 Sep 2018 9:42

Tgt Ion:	117	Resp:	28460
Ion	Ratio	Lower	Upper
117	100		
119	100.1	75.8	113.8
201	103.1	75.7	113.5



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

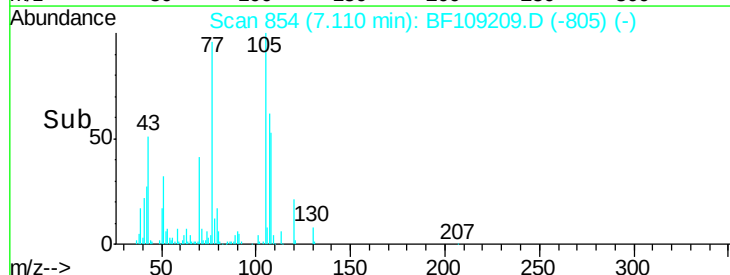
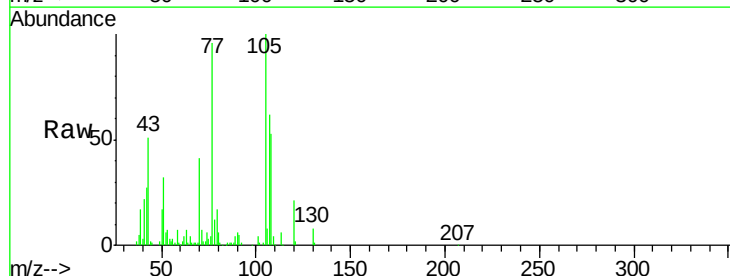
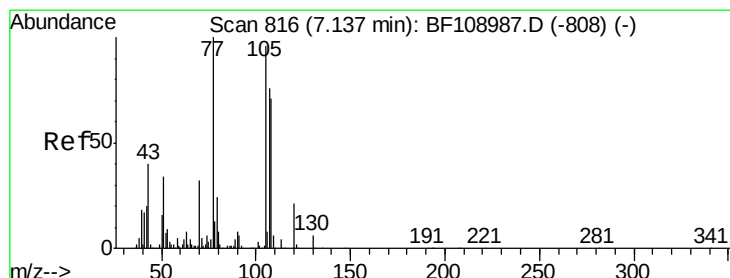
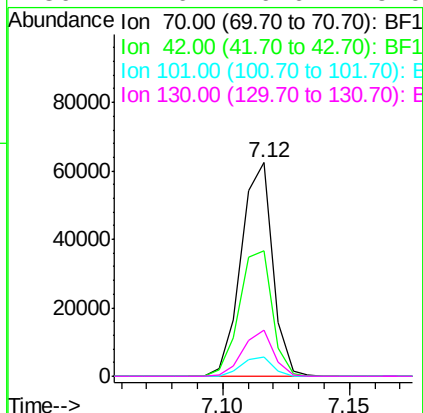




#19
n-Nitroso-di-n-propylamine
Concen: 10.52 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109209.D
Acq: 22 Sep 2018 9:42

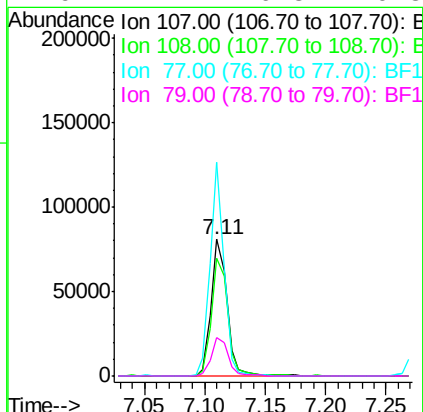
Instrument :
BNA_F
ClientSampled :

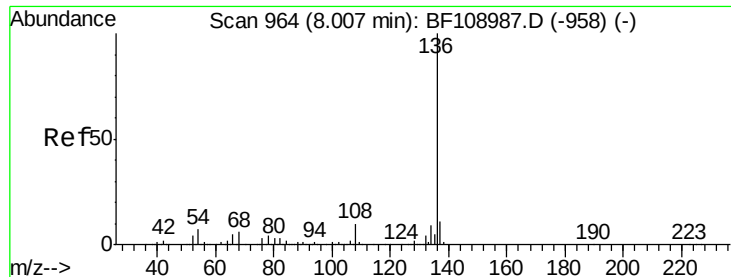
Tot Ion:	70	Resp:	53797
Ion	Ratio	Lower	Upper
70	100		
42	58.5	47.5	71.3
101	9.2	7.4	11.2
130	21.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 11.23 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF109209.D
Acq: 22 Sep 2018 9:42

Tgt Ion:	107	Resp:	74063
Ion	Ratio	Lower	Upper
107	100		
108	85.7	68.2	108.2
77	156.1	26.7	66.7#
79	27.7	6.3	46.3

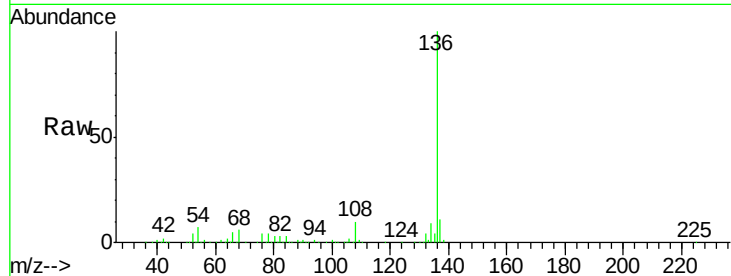




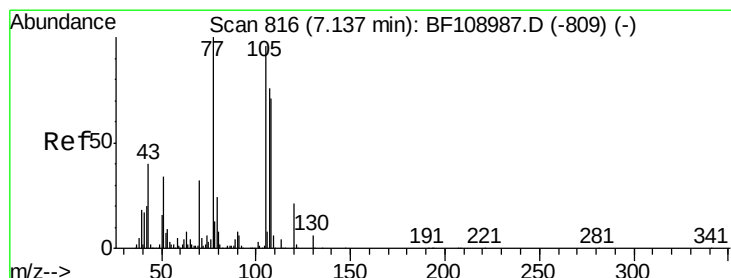
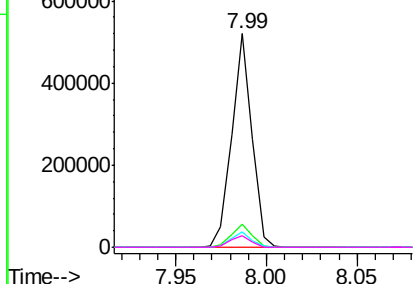
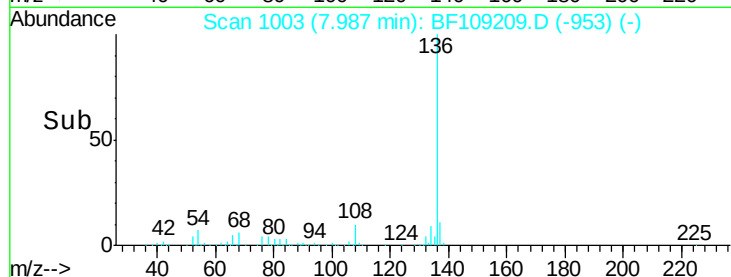
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109209.D
Acq: 22 Sep 2018 9:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	402774
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.9	13.3
54 7.3	6.6	9.8
68 5.7	5.0	7.4

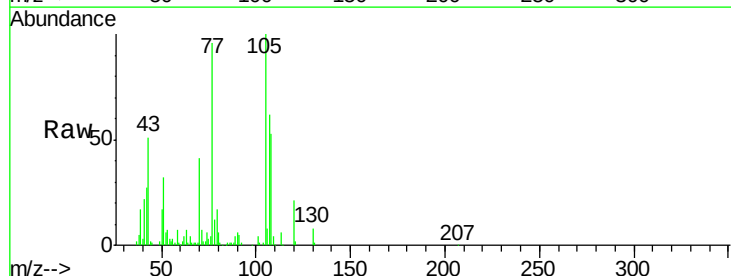


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

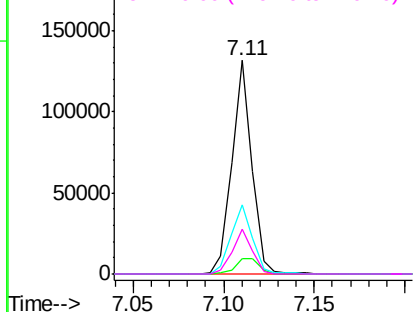
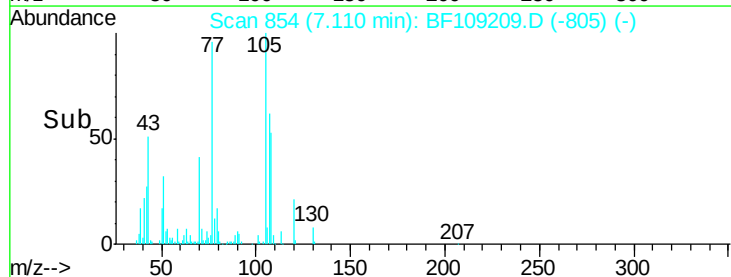


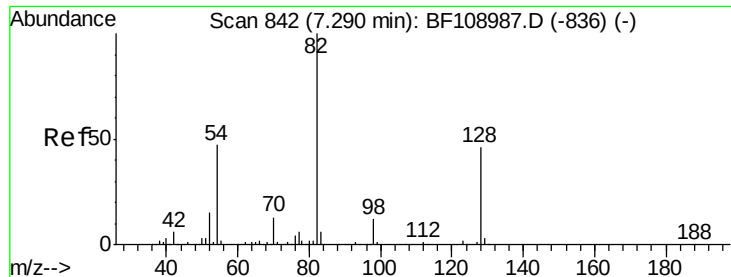
#22
Acetophenone
Concen: 11.08 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF109209.D
Acq: 22 Sep 2018 9:42

Tgt	Ion:105	Resp:	101337
Ion	Ratio	Lower	Upper
105	100		
71	7.2	4.4	6.6#
51	32.4	22.3	33.5
120	21.2	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
200000
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

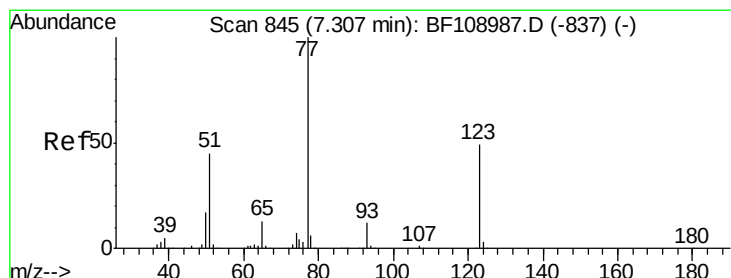
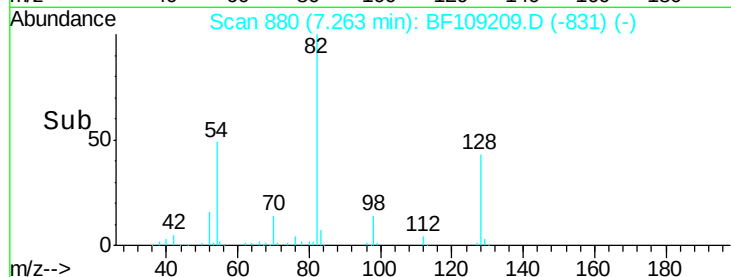
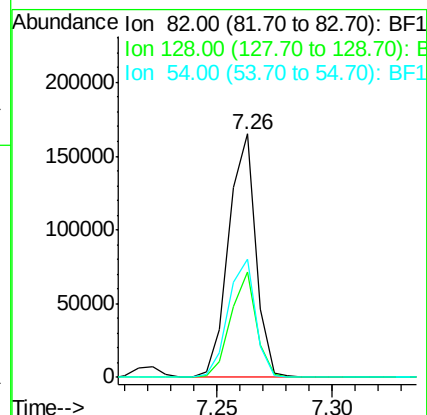
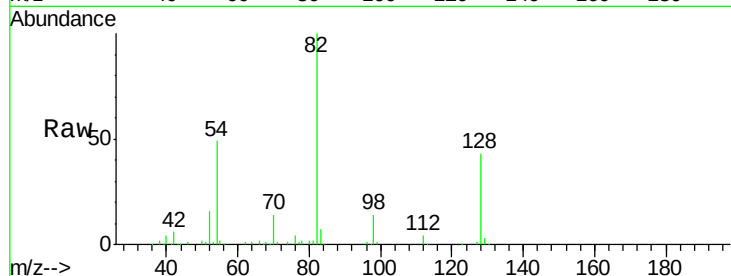




#23
 Nitrobenzene-d5
 Concen: 18.70 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF109209.D
 Acq: 22 Sep 2018 9:42

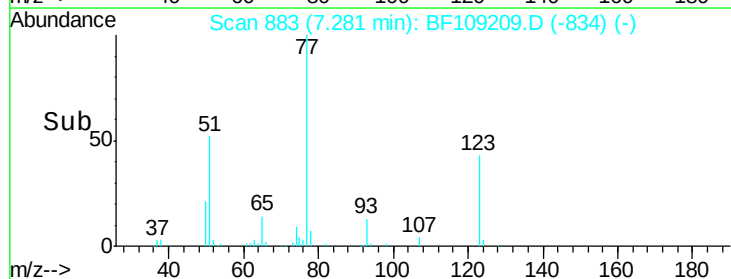
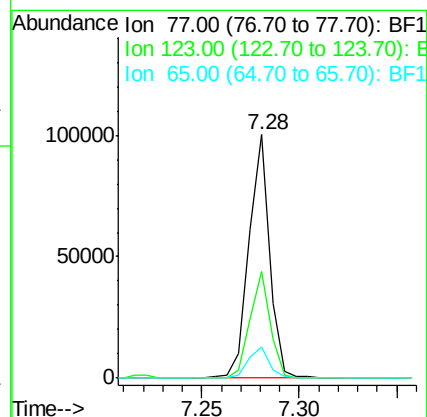
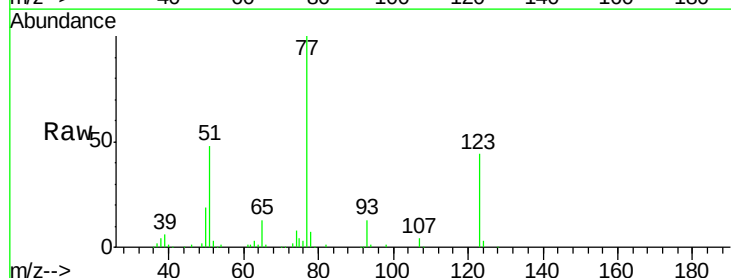
Instrument :
 BNA_F
 ClientSampled :

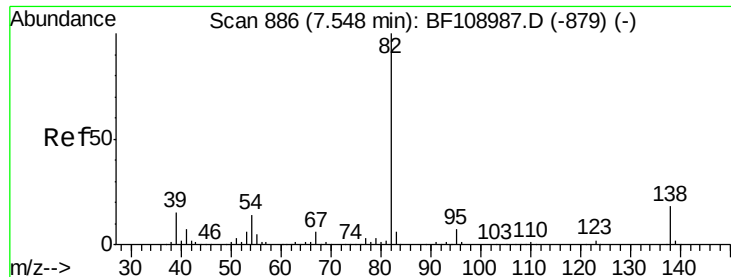
Tot Ion	82	Resp	134252
Ion Ratio	Lower	Upper	
82	100		
128	43.2	36.1	54.1
54	48.5	41.4	62.2



#24
 Nitrobenzene
 Concen: 9.95 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF109209.D
 Acq: 22 Sep 2018 9:42

Tgt Ion	77	Resp	73662
Ion Ratio	Lower	Upper	
77	100		
123	44.0	37.9	56.9
65	12.8	11.0	16.4





#25

Isophorone

Concen: 10.16 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF109209.D

Acq: 22 Sep 2018 9:42

Instrument :

BNA_F

ClientSampleId :

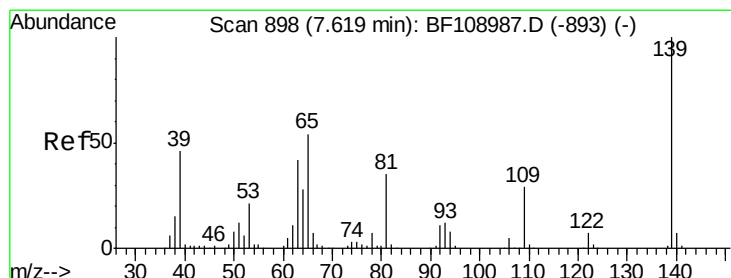
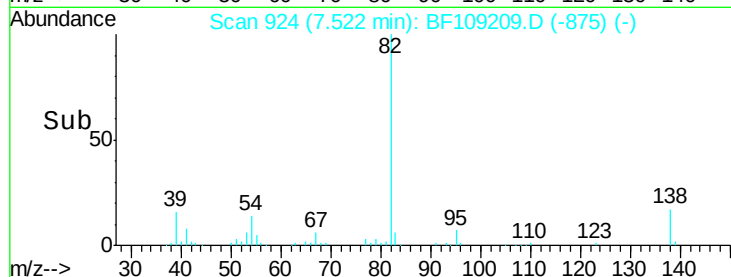
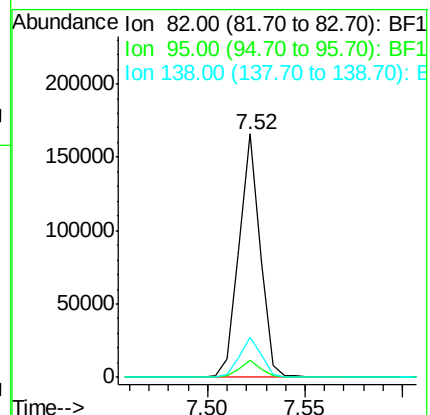
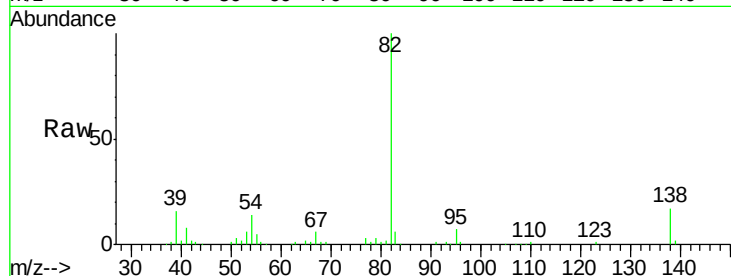
Tot Ion: 82 Resp: 125392

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

138 16.6 14.9 22.3



#26

2-Nitrophenol

Concen: 6.21 ng

RT: 7.60 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF109209.D

Acq: 22 Sep 2018 9:42

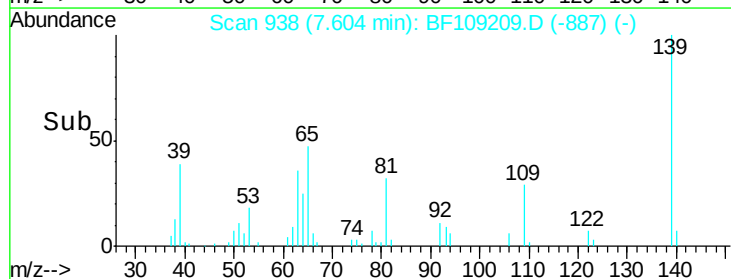
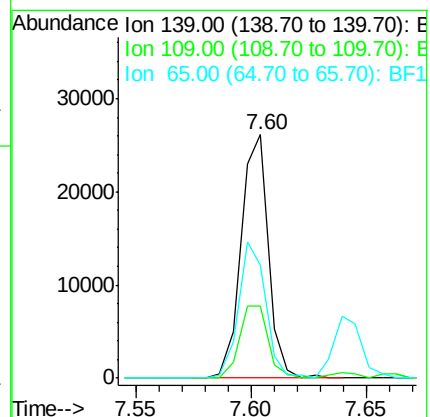
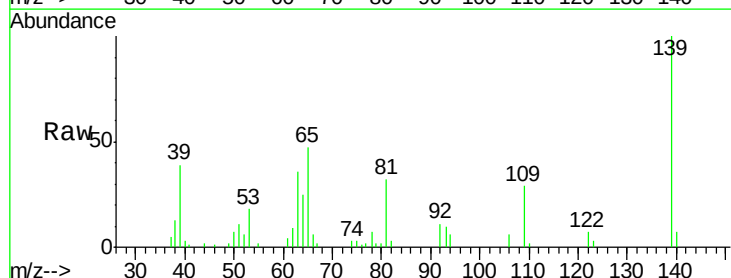
Tgt Ion: 139 Resp: 21470

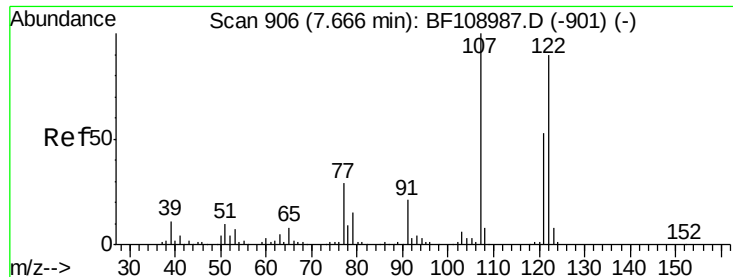
Ion Ratio Lower Upper

139 100

109 29.5 22.7 34.1

65 46.6 40.5 60.7

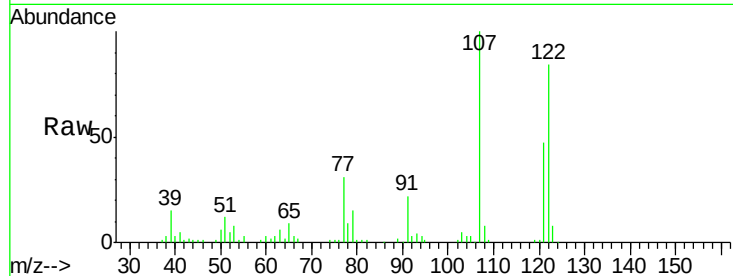




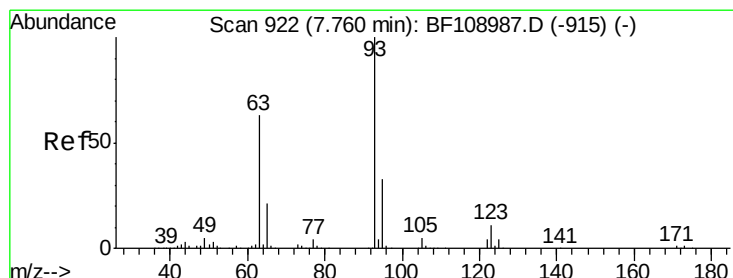
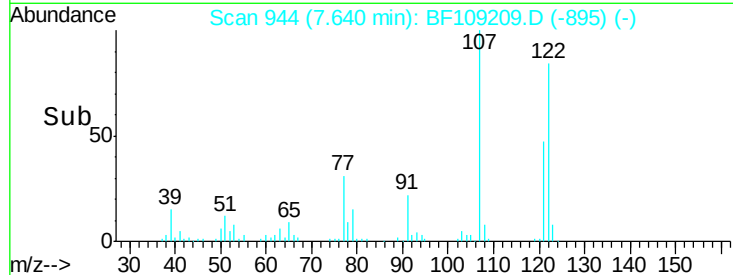
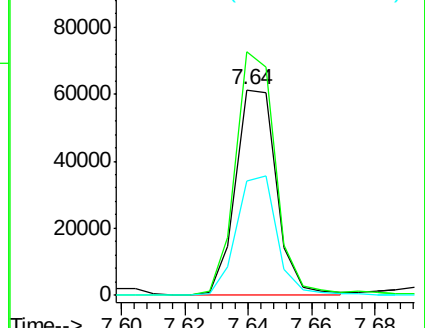
#27
 2,4-Dimethylphenol
 Concen: 10.17 ng
 RT: 7.64 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF109209.D
 Acq: 22 Sep 2018 9:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 55174
 Ion Ratio Lower Upper
 122 100
 107 118.4 91.2 136.8
 121 55.7 47.2 70.8

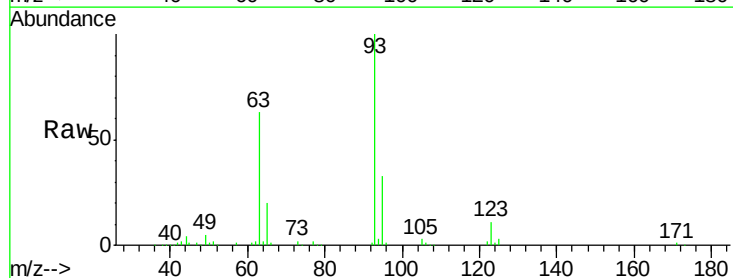


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

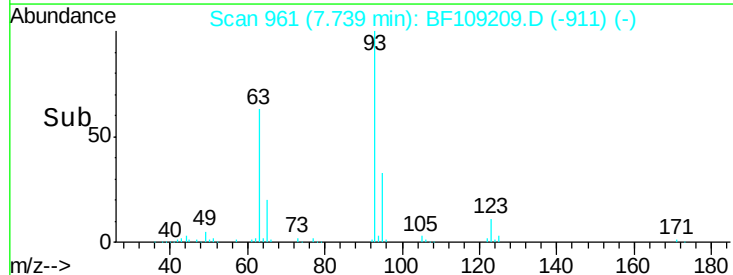
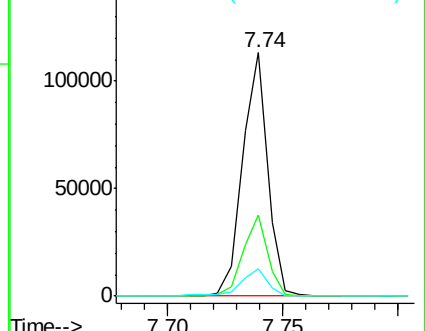


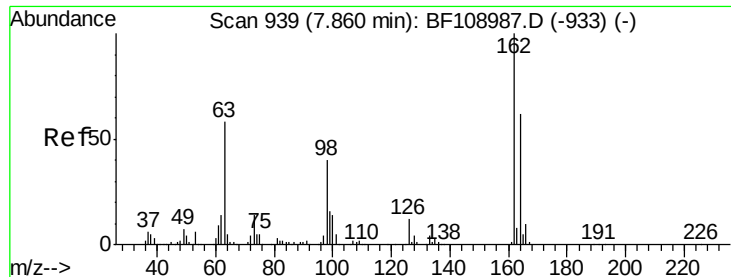
#28
 bis(2-Chloroethoxy)methane
 Concen: 10.35 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF109209.D
 Acq: 22 Sep 2018 9:42

Tgt Ion: 93 Resp: 85968
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.3 39.5
 123 11.2 9.8 14.6



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

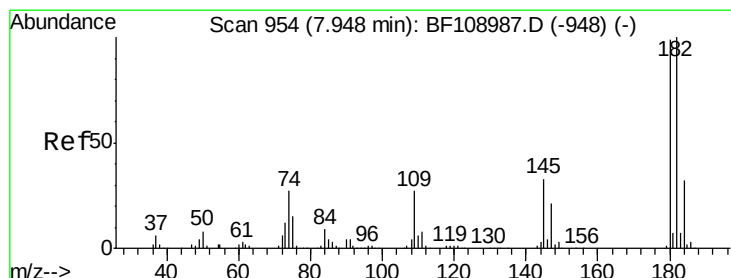
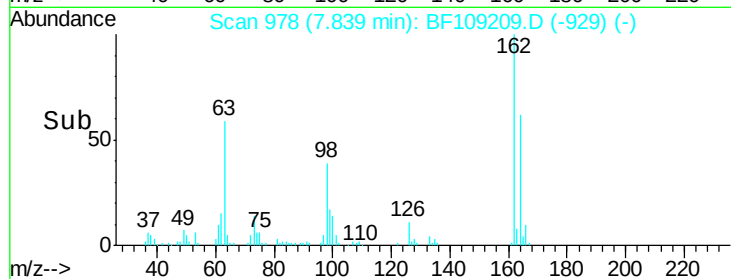
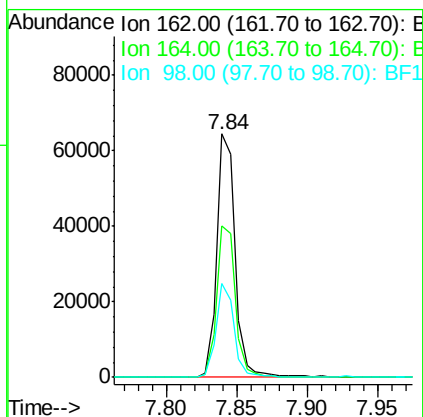
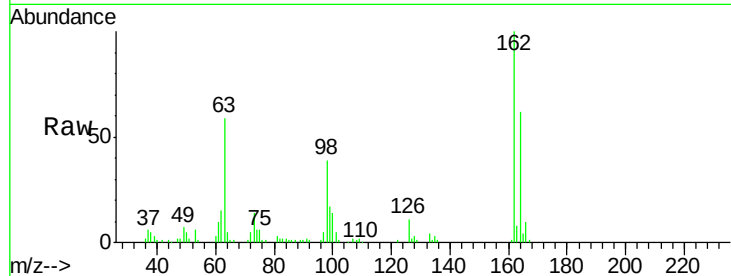




#29
 2,4-Dichlorophenol
 Concen: 10.07 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: BF109209.D
 Acq: 22 Sep 2018 9:42

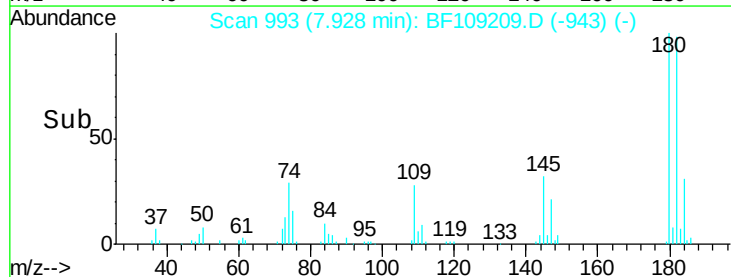
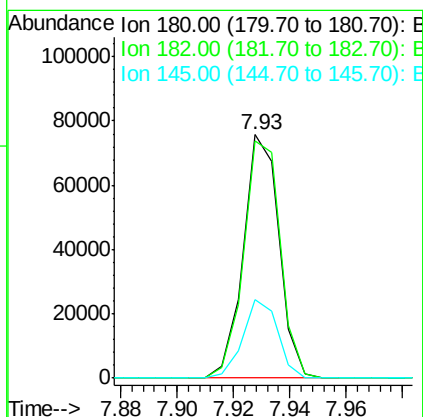
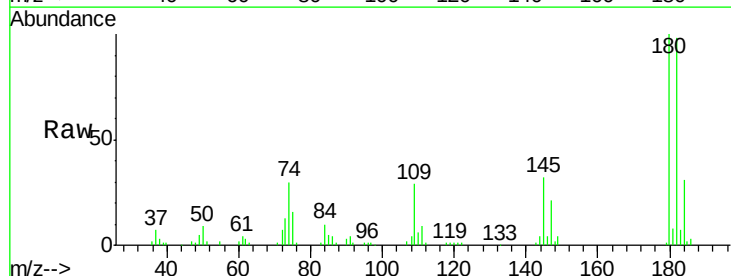
Instrument :
 BNA_F
 ClientSampleId :

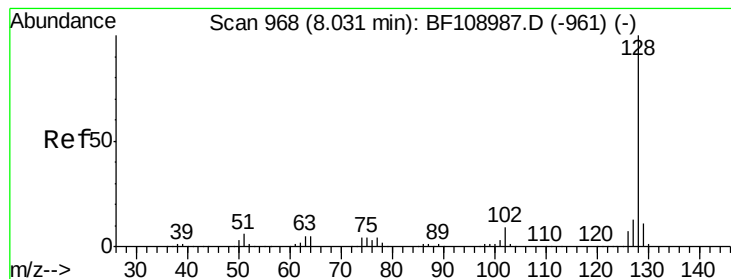
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	42.7	82.7
98	38.8	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 10.60 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF109209.D
 Acq: 22 Sep 2018 9:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	76.8	115.2
145	32.3	26.5	39.7





#31

Naphthalene

Concen: 10.73 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF109209.D

Acq: 22 Sep 2018 9:42

Instrument :

BNA_F

ClientSampleId :

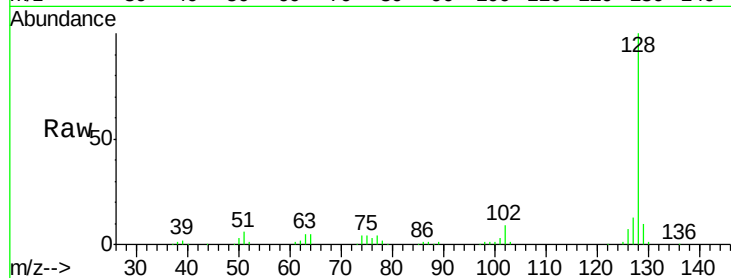
Tot Ion:128 Resp: 200529

Ion Ratio Lower Upper

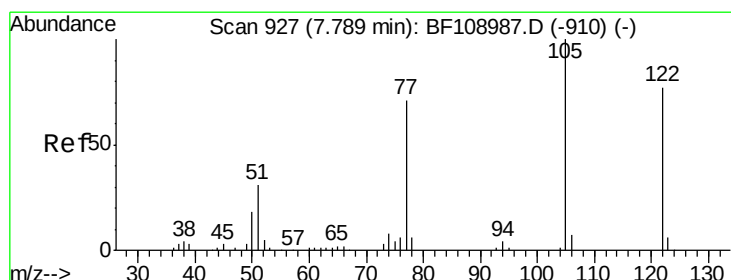
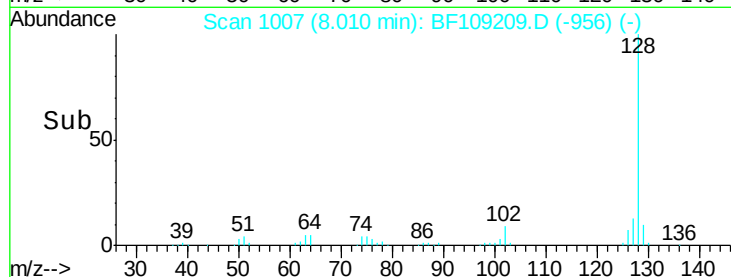
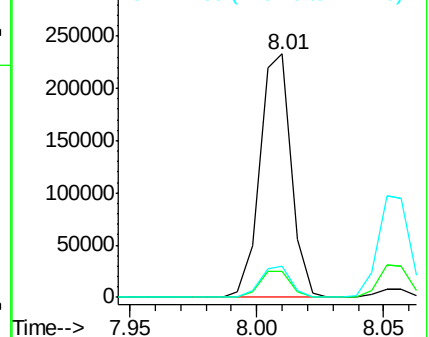
128 100

129 10.5 8.8 13.2

127 12.9 10.9 16.3



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: 5.41 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.05 min

Lab File: BF109209.D

Acq: 22 Sep 2018 9:42

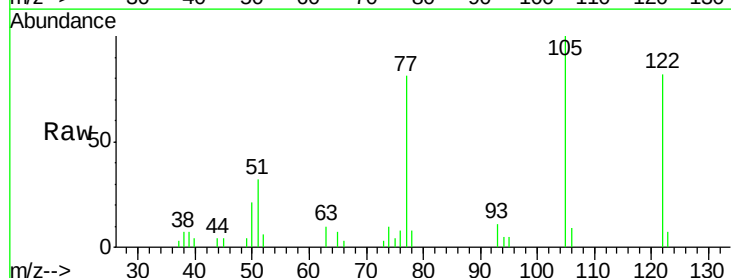
Tgt Ion:122 Resp: 19161

Ion Ratio Lower Upper

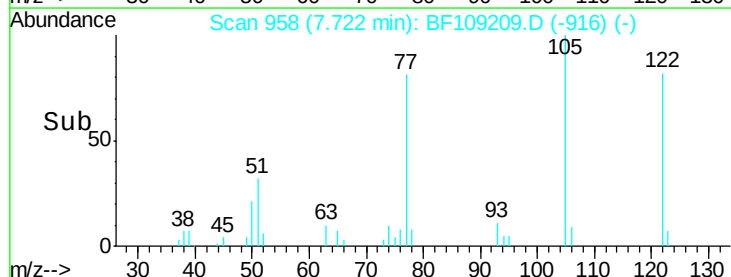
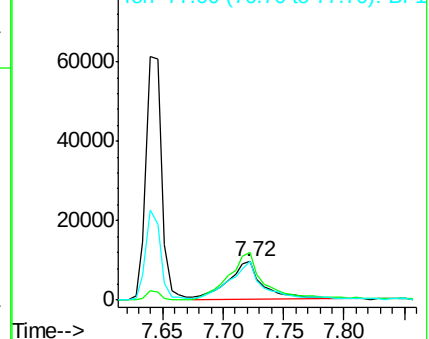
122 100

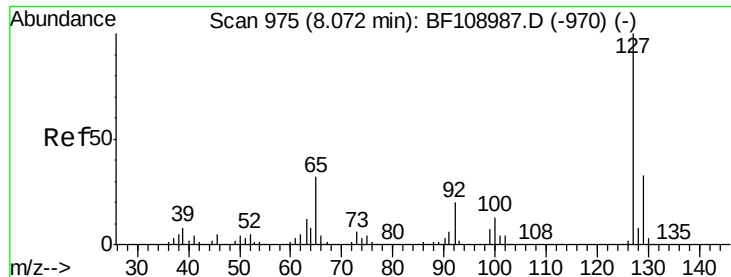
105 122.6 101.1 141.1

77 98.9 70.7 110.7



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

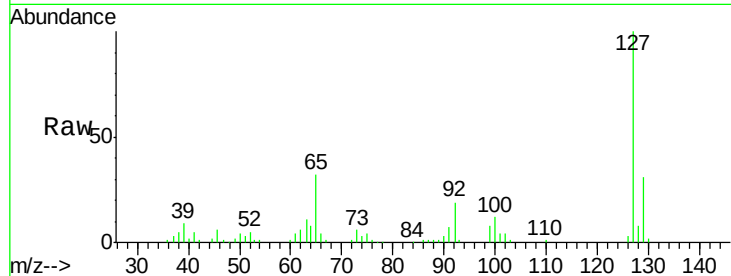




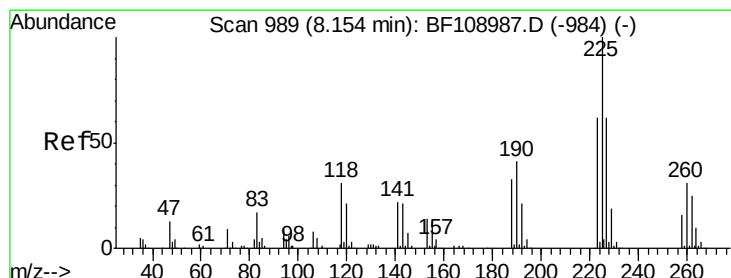
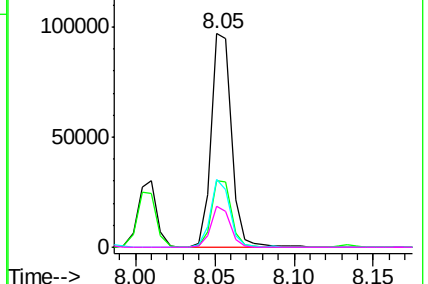
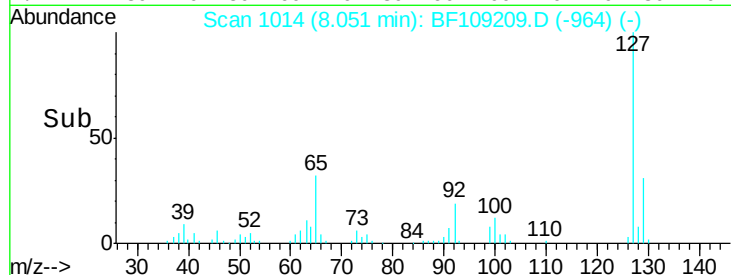
#33
4-Chloroaniline
Concen: 10.52 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF109209.D
Acq: 22 Sep 2018 9:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp:	87444
Ion Ratio	Lower	Upper
127	100	
129	31.4	25.9 38.9
65	31.8	25.0 37.4
92	19.2	15.2 22.8

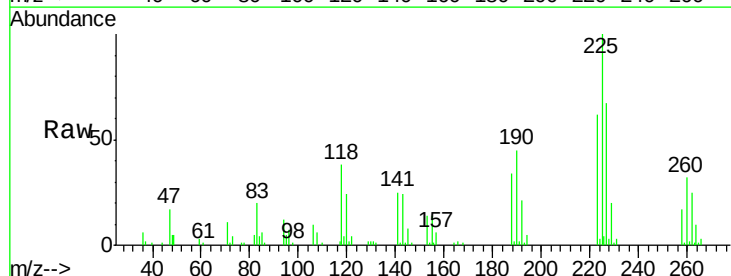


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

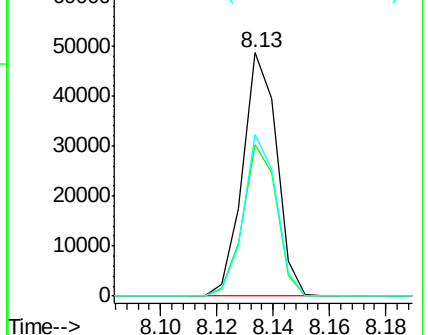
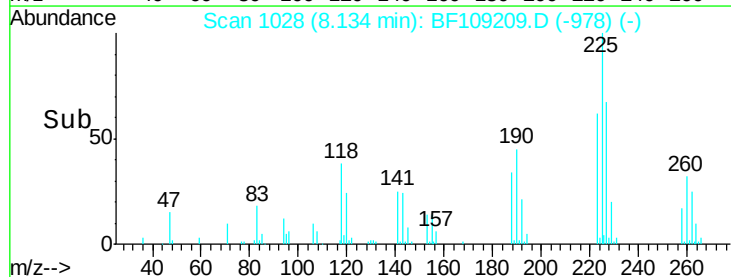


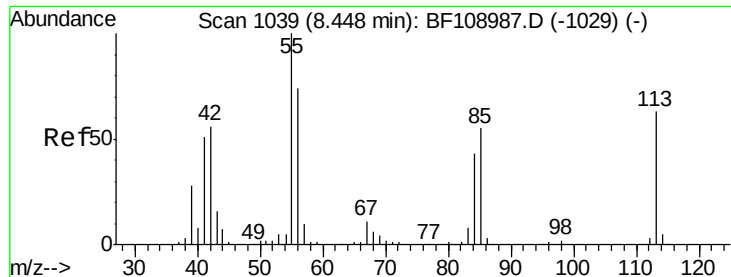
#34
Hexachlorobutadiene
Concen: 10.68 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF109209.D
Acq: 22 Sep 2018 9:42

Tgt Ion:225	Resp:	40723
Ion Ratio	Lower	Upper
225	100	
223	62.2	50.6 76.0
227	66.6	51.9 77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

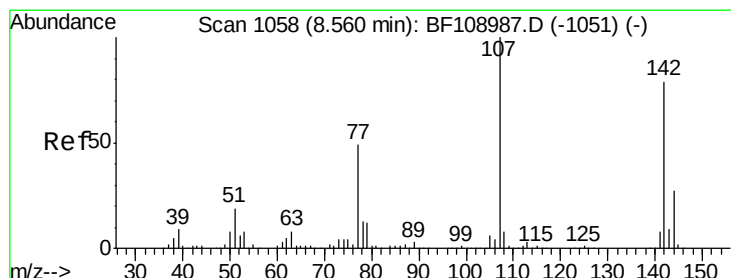
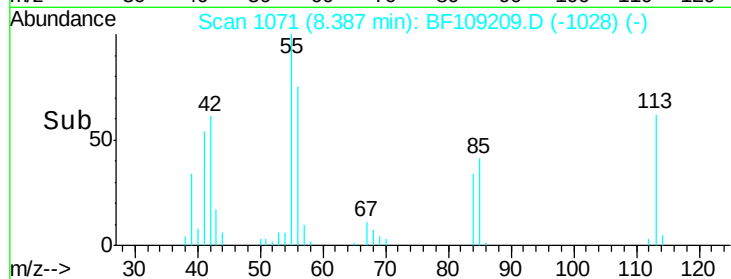
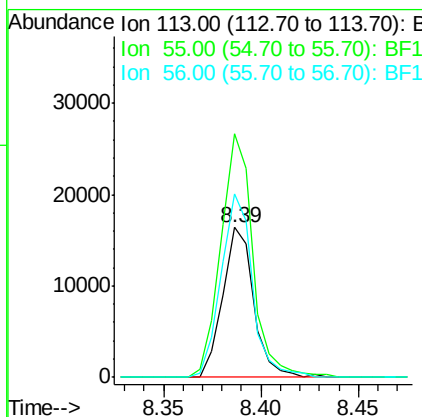
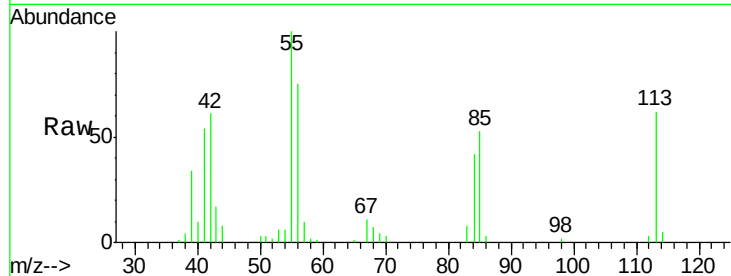




#35
 Caprolactam
 Concen: 9.58 ng
 RT: 8.39 min Scan# 1071
 Delta R.T. -0.05 min
 Lab File: BF109209.D
 Acq: 22 Sep 2018 9:42

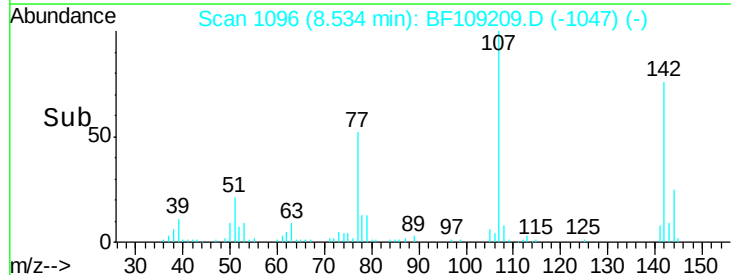
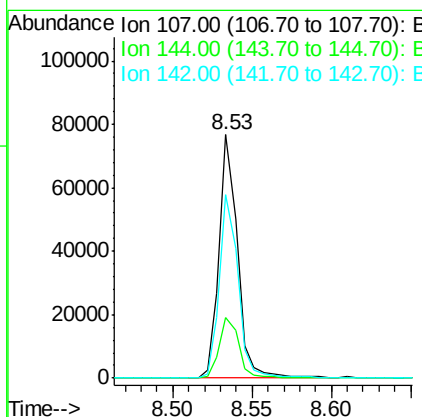
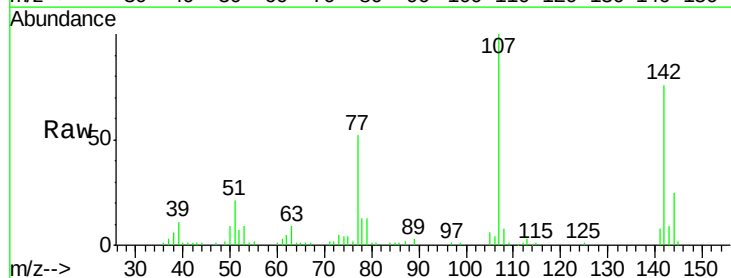
Instrument :
 BNA_F
 ClientSampleId :

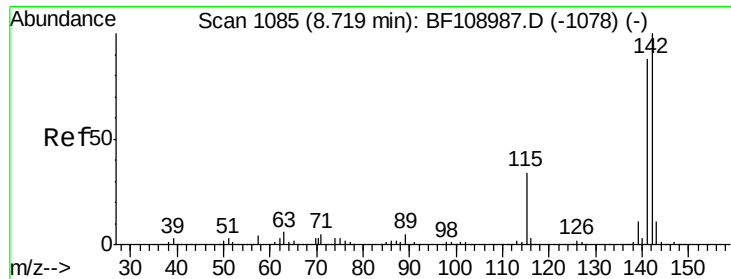
Tot Ion:113 Resp: 18048
 Ion Ratio Lower Upper
 113 100
 55 162.6 163.3 203.3#
 56 122.3 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 10.22 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF109209.D
 Acq: 22 Sep 2018 9:42

Tgt Ion:107 Resp: 62176
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.5 30.7
 142 75.5 62.0 93.0

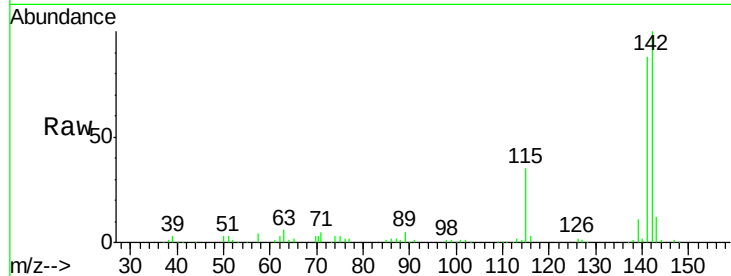




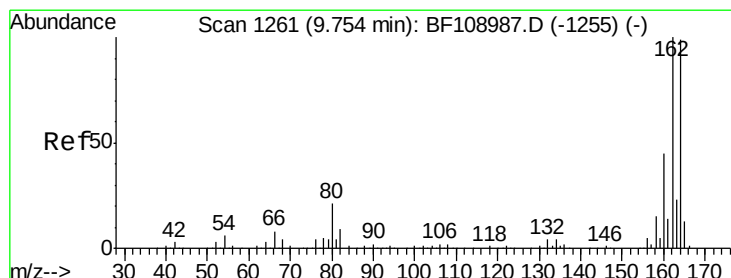
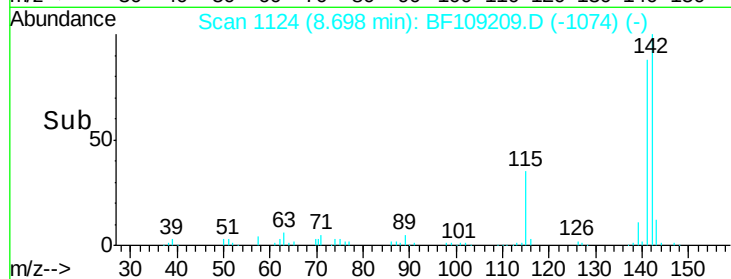
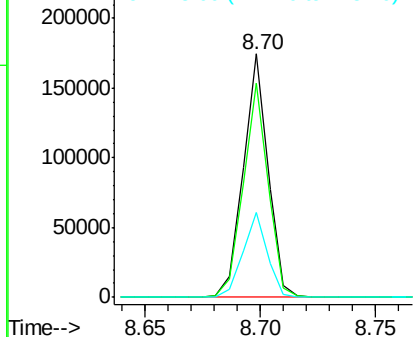
#37
2-Methylnaphthalene
Concen: 10.76 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF109209.D
Acq: 22 Sep 2018 9:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.8	106.2
115	34.8	26.1	39.1

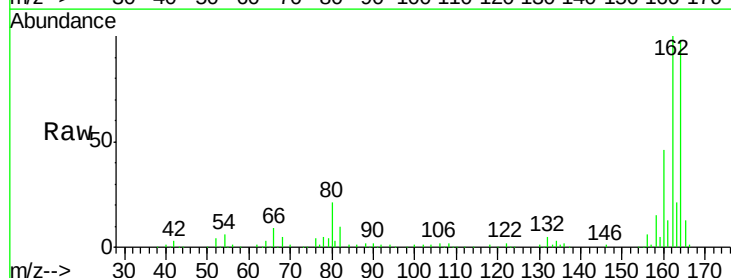


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

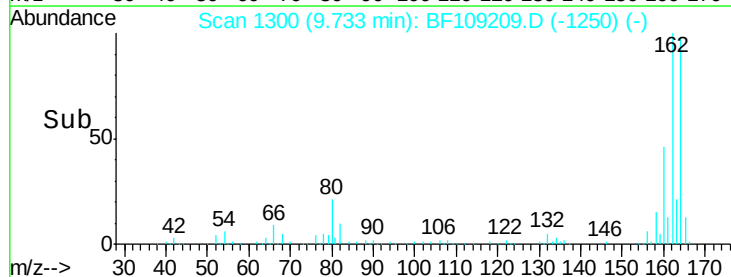
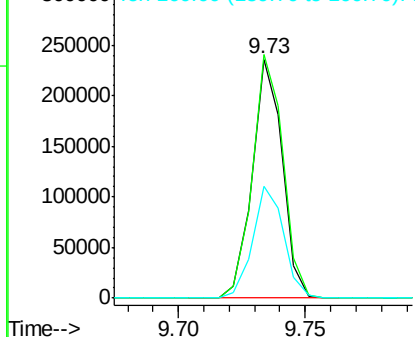


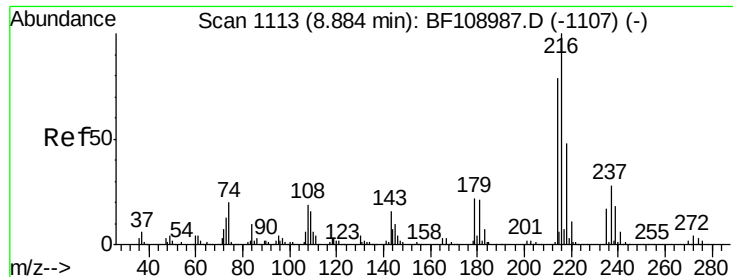
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109209.D
Acq: 22 Sep 2018 9:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	86.1	129.1
160	46.9	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

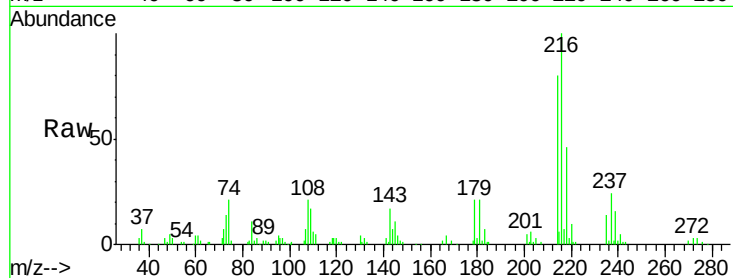




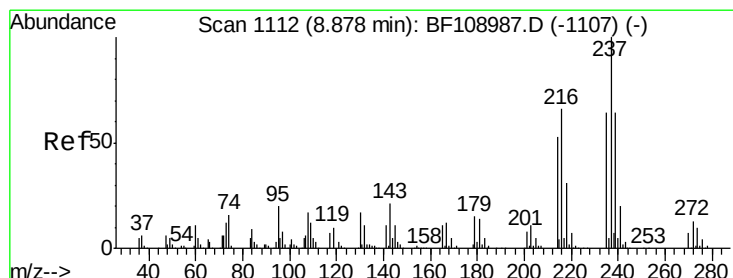
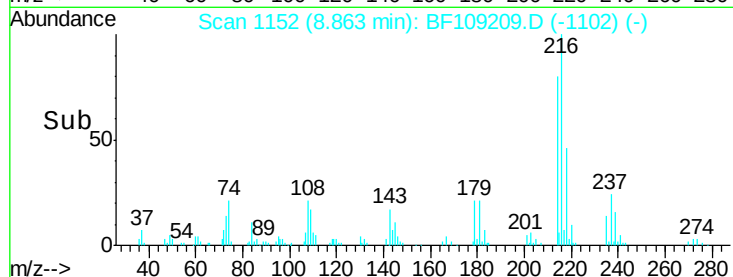
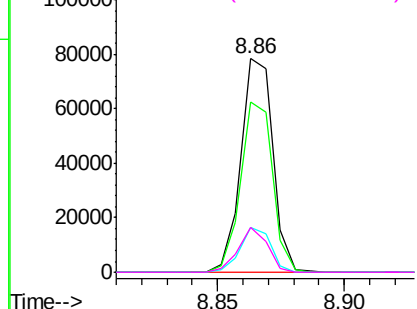
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 11.23 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF109209.D
 Acq: 22 Sep 2018 9:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	68590
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.4
179	20.1	18.1	27.1
108	19.2	17.2	25.8

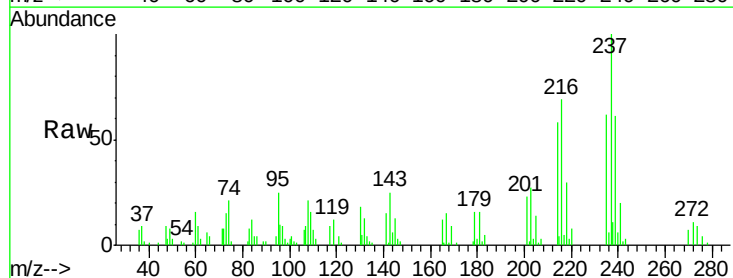


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

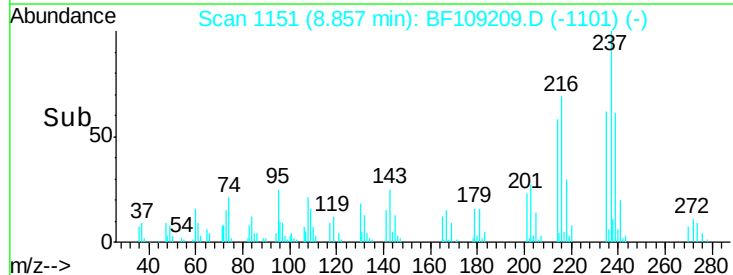
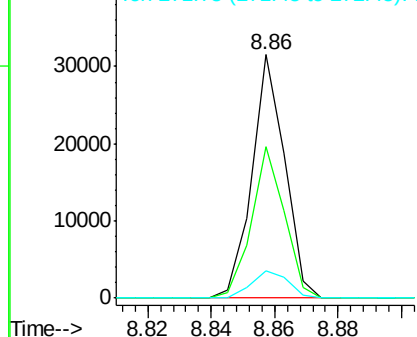


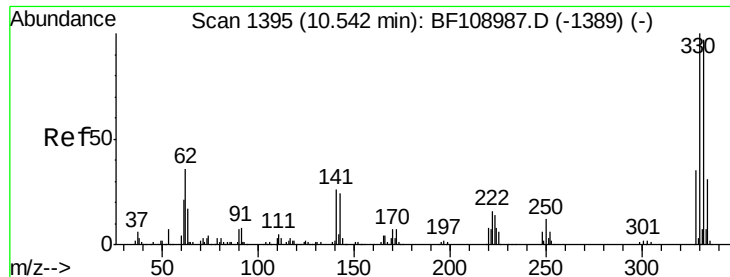
#40
 Hexachlorocyclopentadiene
 Concen: 7.34 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF109209.D
 Acq: 22 Sep 2018 9:42

Tgt Ion:	237	Resp:	22572
Ion	Ratio	Lower	Upper
237	100		
235	62.2	44.8	84.8
272	11.3	0.0	33.3



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

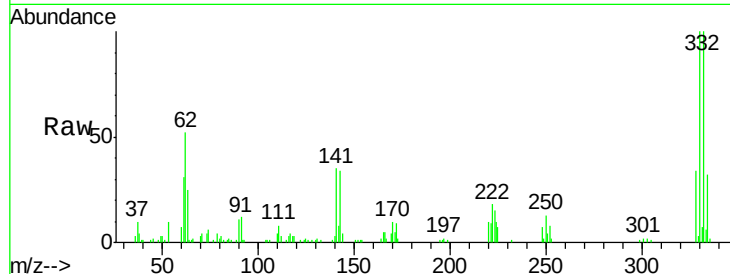




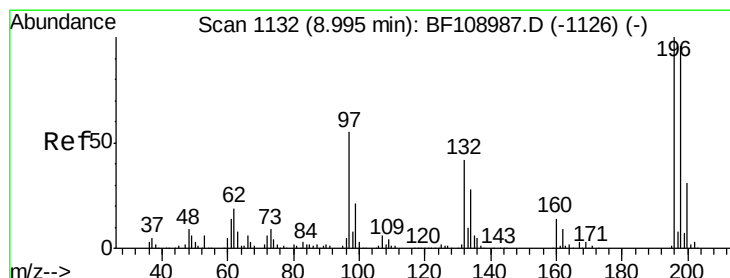
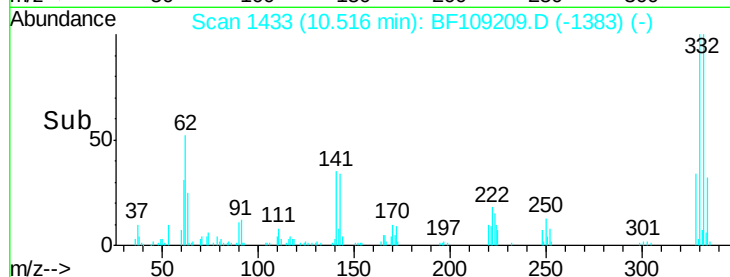
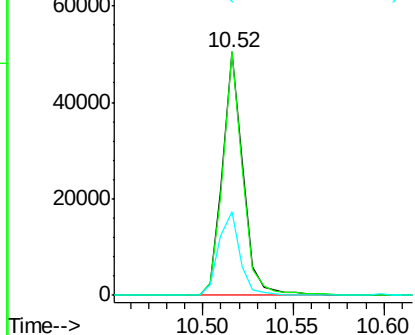
#41
 2,4,6-Tribromophenol
 Concen: 18.88 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF109209.D
 Acq: 22 Sep 2018 9:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	35.3	29.9	44.9

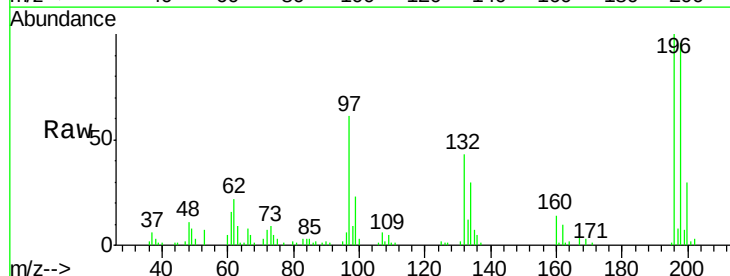


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

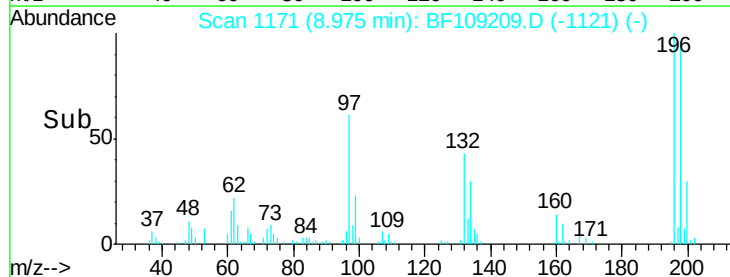
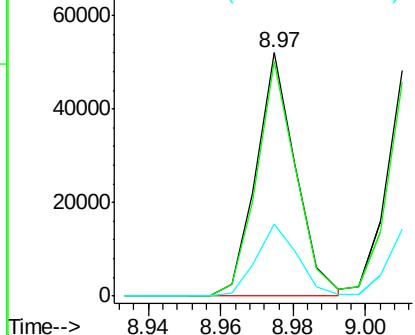


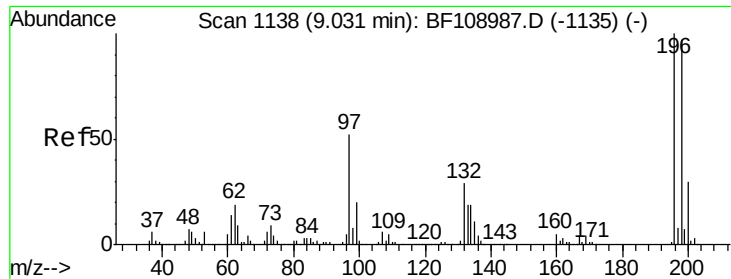
#42
 2,4,6-Trichlorophenol
 Concen: 9.66 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF109209.D
 Acq: 22 Sep 2018 9:42

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	75.7	113.5
200	29.7	24.5	36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

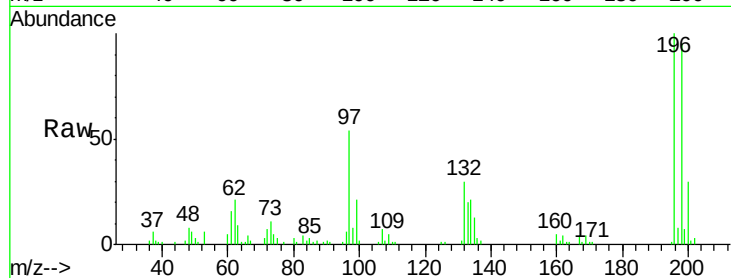




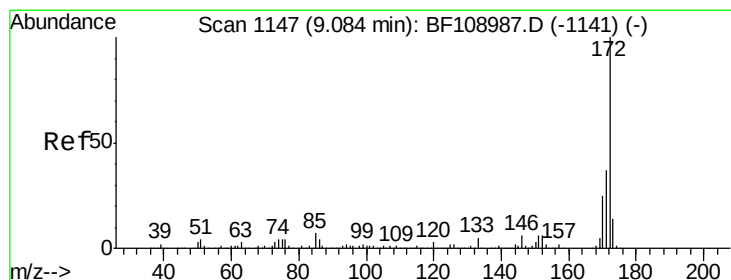
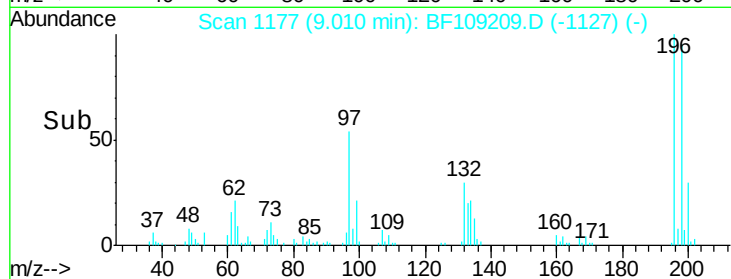
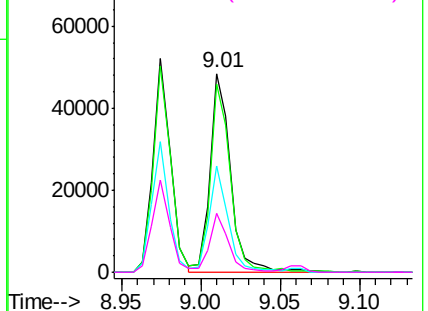
#43
 2,4,5-Trichlorophenol
 Concen: 10.26 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF109209.D
 Acq: 22 Sep 2018 9:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 44020
 Ion Ratio Lower Upper
 196 100
 198 94.8 74.6 112.0
 97 53.8 42.9 64.3
 132 29.7 26.3 39.5

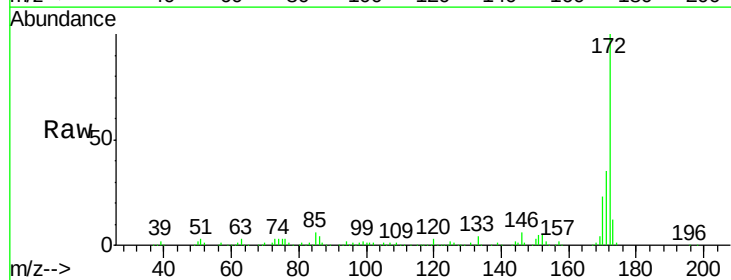


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

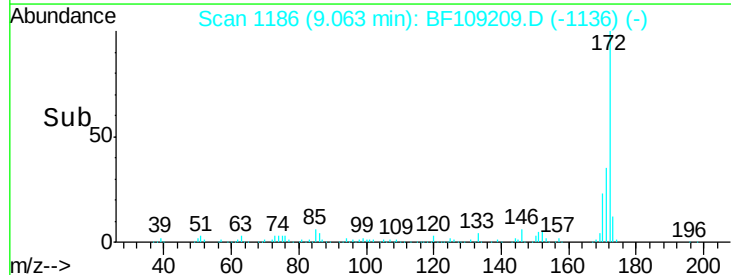
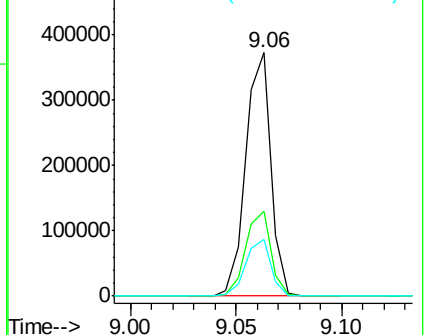


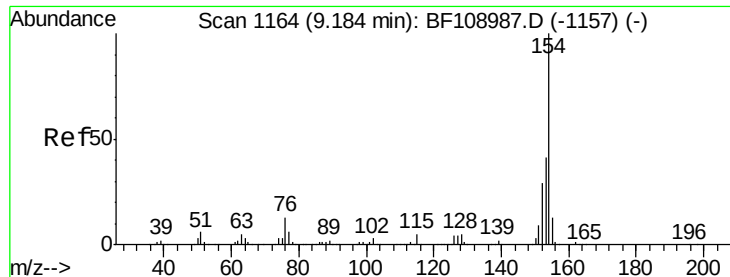
#44
 2-Fluorobiphenyl
 Concen: 24.91 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109209.D
 Acq: 22 Sep 2018 9:42

Tgt Ion:172 Resp: 308481
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.7 44.5
 170 23.4 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 11.17 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF109209.D

Acq: 22 Sep 2018 9:42

Instrument :

BNA_F

ClientSampled :

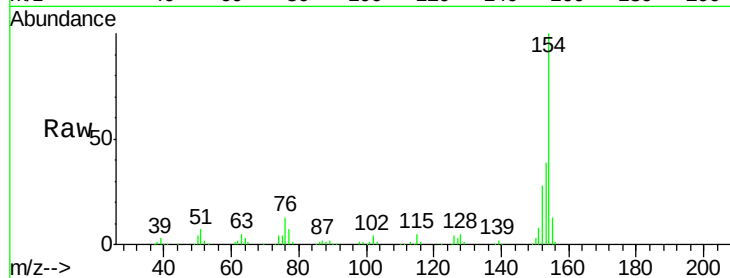
Tot Ion:154 Resp: 173452

Ion Ratio Lower Upper

154 100

153 39.5 21.3 61.3

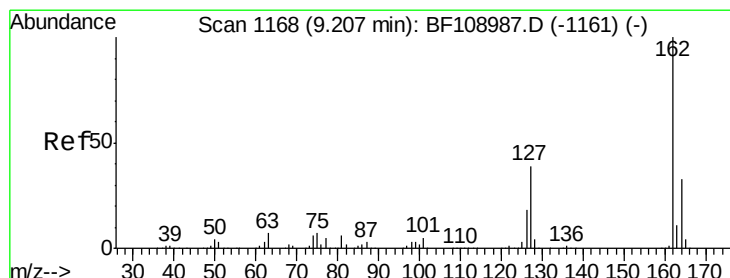
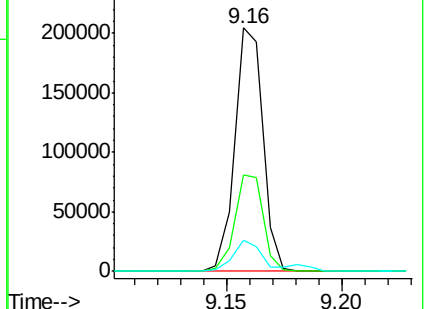
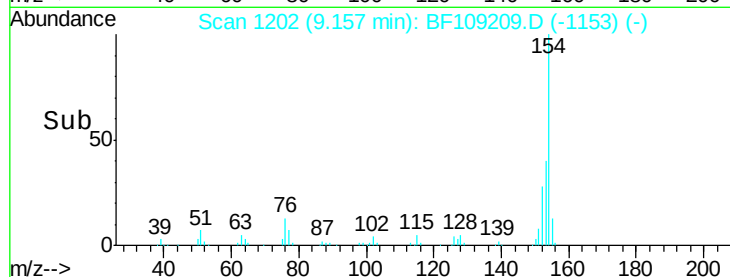
76 13.0 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 11.19 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF109209.D

Acq: 22 Sep 2018 9:42

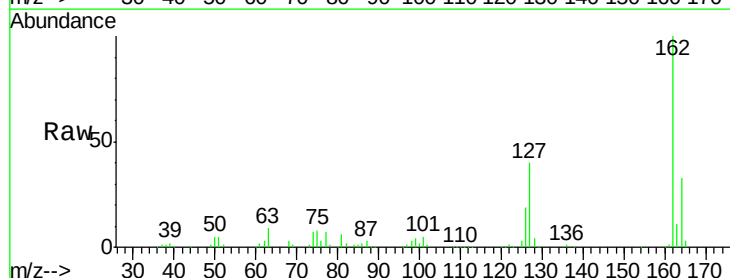
Tgt Ion:162 Resp: 139102

Ion Ratio Lower Upper

162 100

127 40.0 33.9 50.9

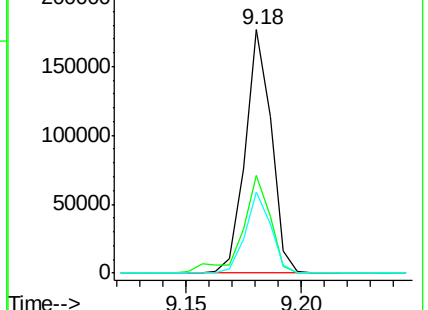
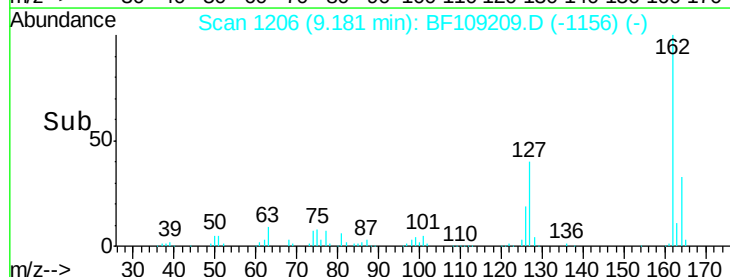
164 33.2 26.5 39.7

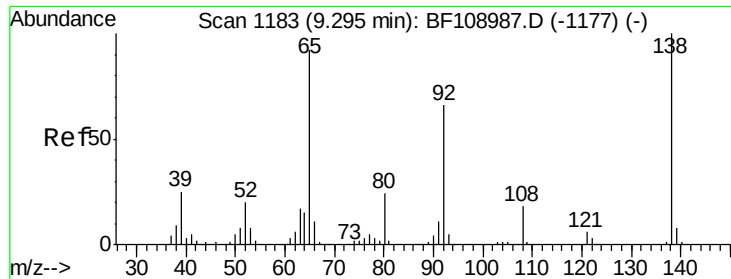


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

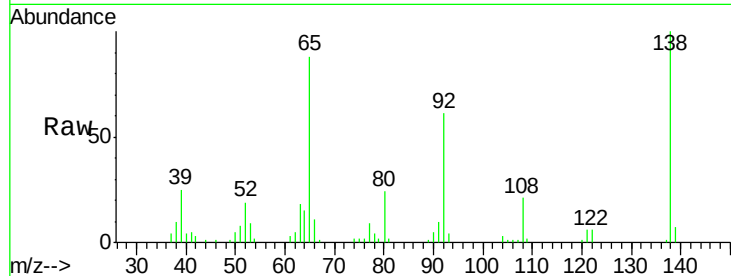




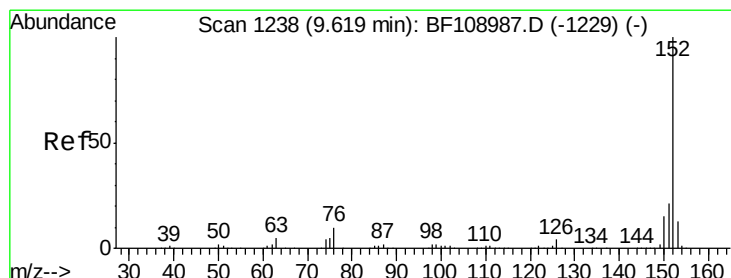
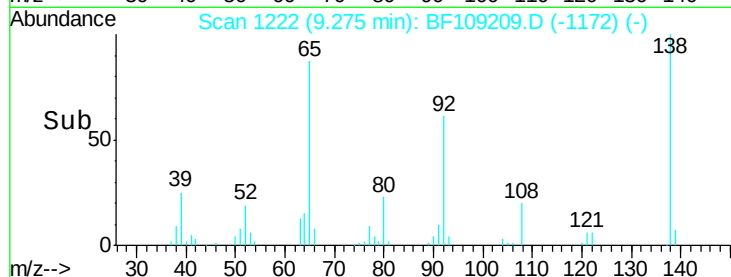
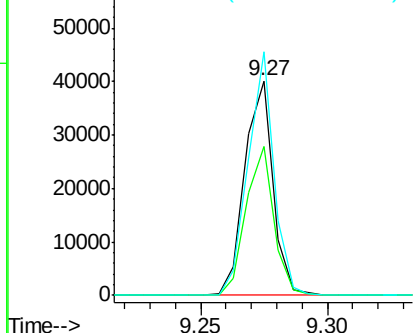
#47
2-Nitroaniline
Concen: 8.13 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF109209.D
Acq: 22 Sep 2018 9:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 31062
Ion Ratio Lower Upper
65 100
92 69.2 55.8 83.6
138 113.4 91.2 136.8

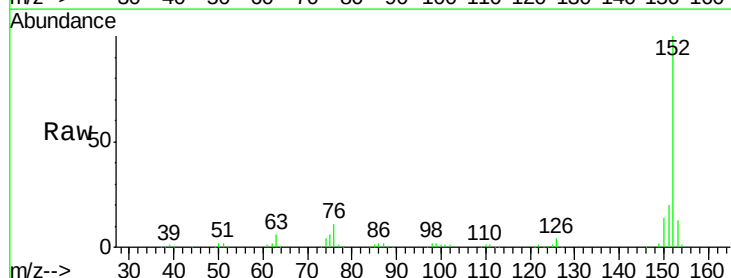


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

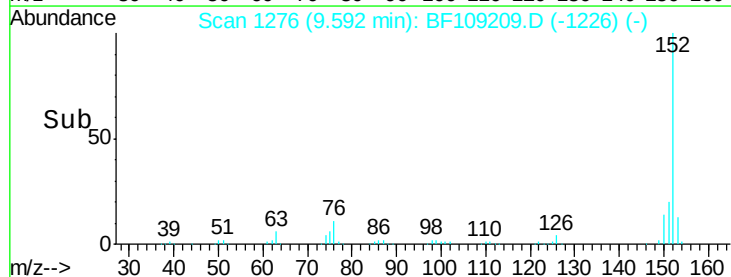
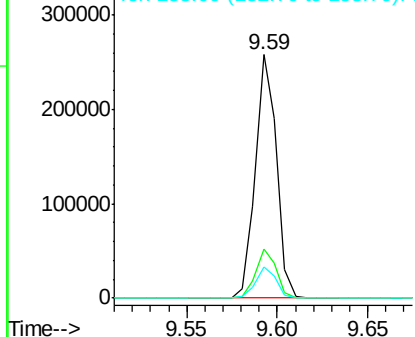


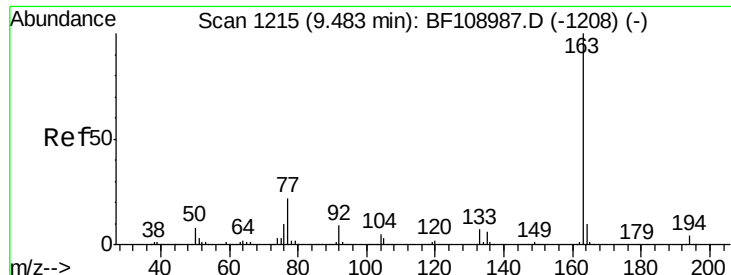
#48
Acenaphthylene
Concen: 11.13 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF109209.D
Acq: 22 Sep 2018 9:42

Tgt Ion: 152 Resp: 208549
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 12.9 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 11.03 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF109209.D

Acq: 22 Sep 2018 9:42

Instrument :

BNA_F

ClientSampleId :

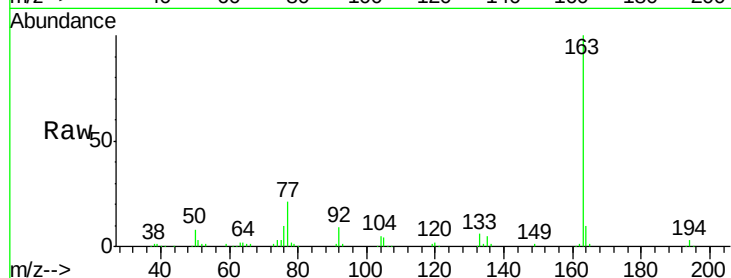
Tot Ion:163 Resp: 153016

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

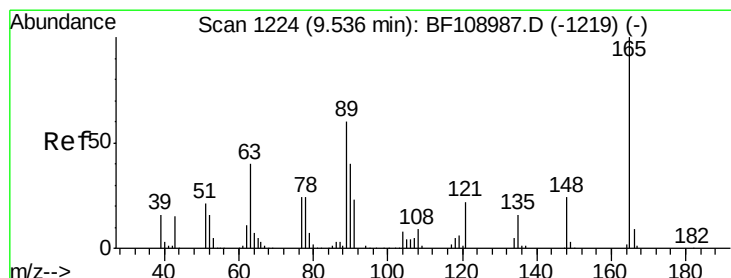
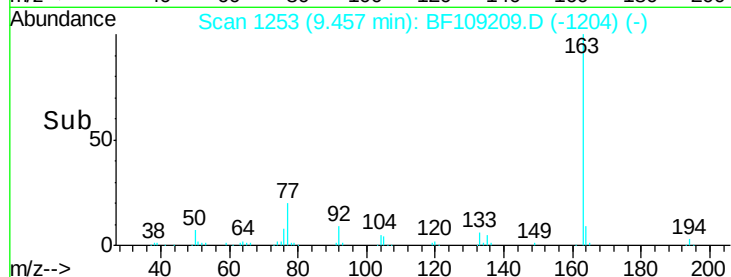
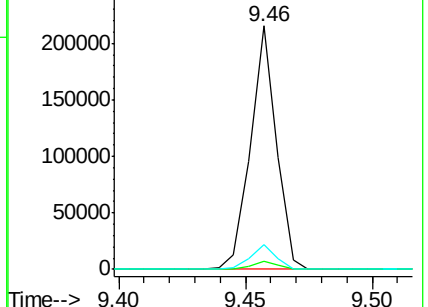
164 10.0 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 8.72 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF109209.D

Acq: 22 Sep 2018 9:42

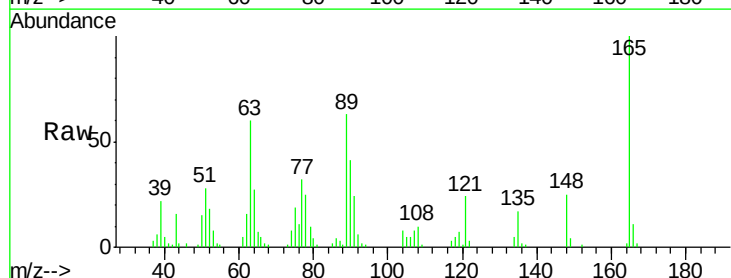
Tgt Ion:165 Resp: 26820

Ion Ratio Lower Upper

165 100

63 60.0 44.7 67.1

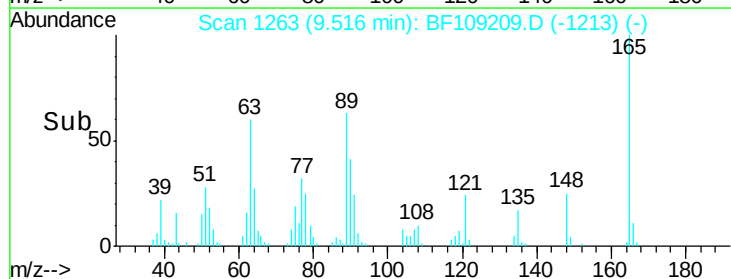
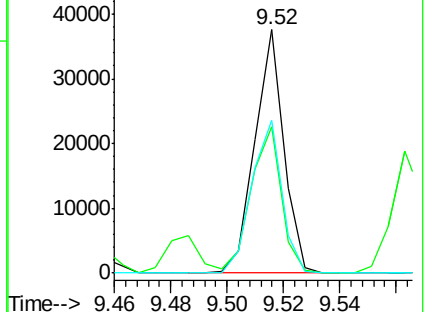
89 62.6 44.0 66.0

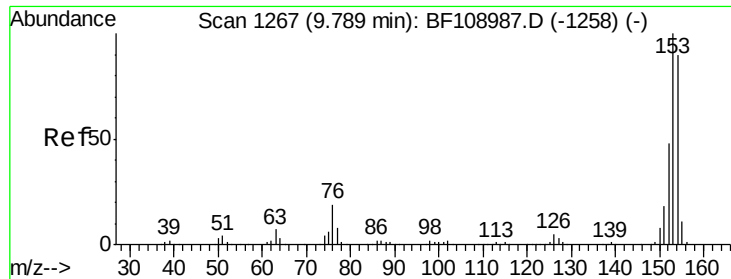


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

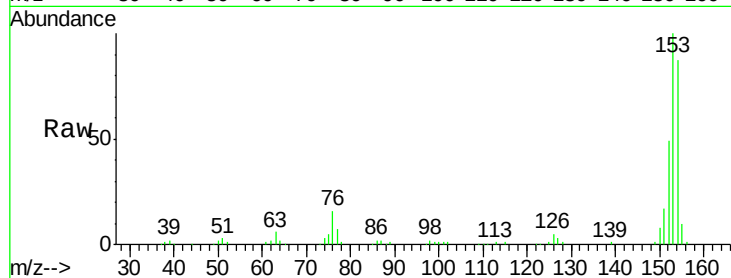




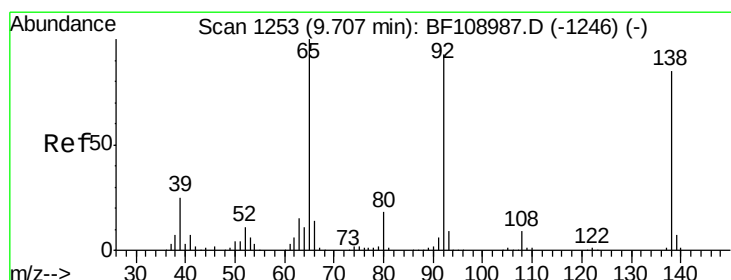
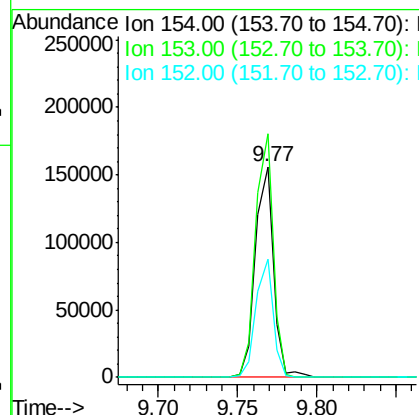
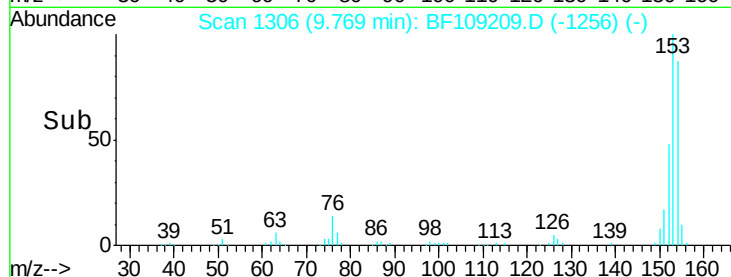
#51
Acenaphthene
Concen: 10.67 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF109209.D
Acq: 22 Sep 2018 9:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 124477
Ion Ratio Lower Upper
154 100
153 115.4 91.2 136.8
152 56.0 43.8 65.8

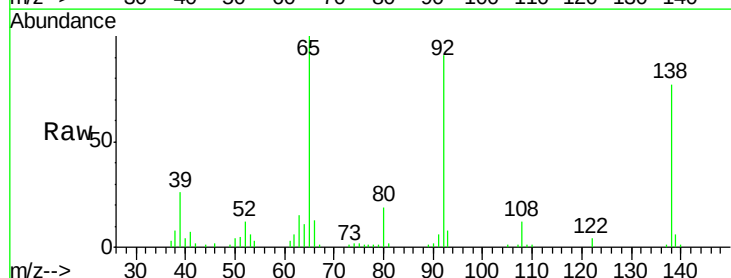


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

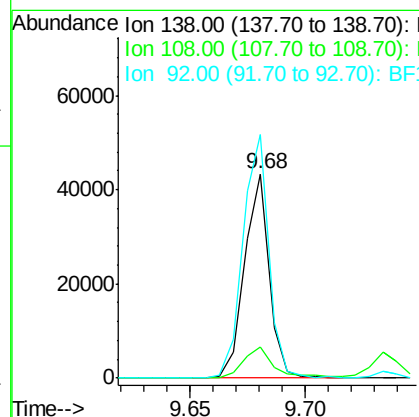
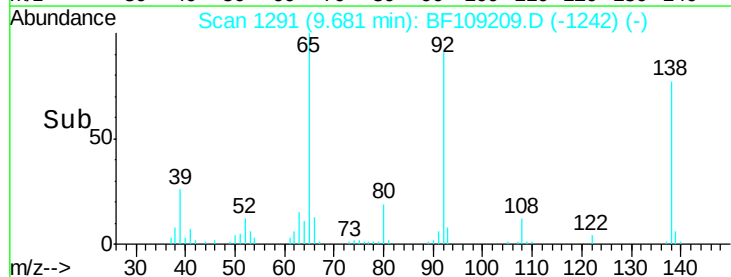


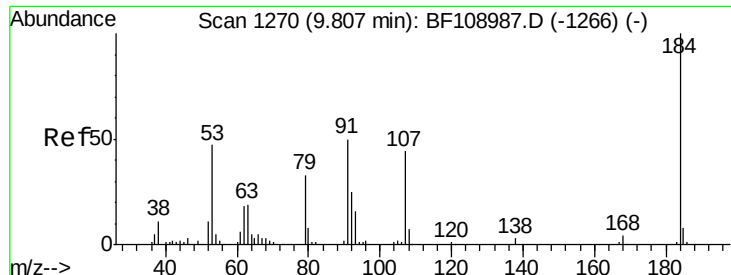
#52
3-Nitroaniline
Concen: 8.96 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF109209.D
Acq: 22 Sep 2018 9:42

Tgt Ion:138 Resp: 32436
Ion Ratio Lower Upper
138 100
108 15.5 9.4 14.0#
92 119.1 89.4 134.2



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

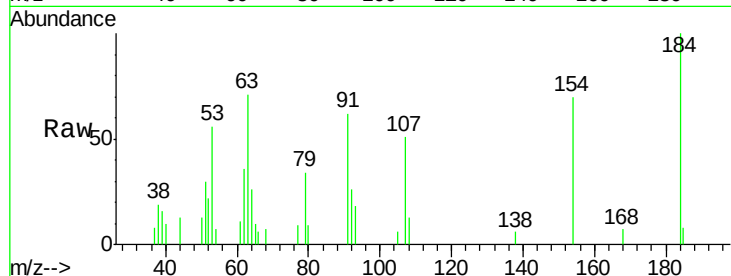




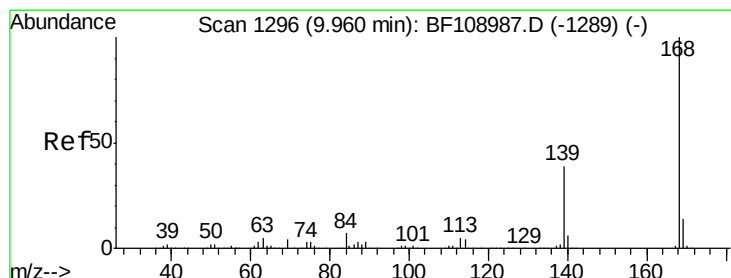
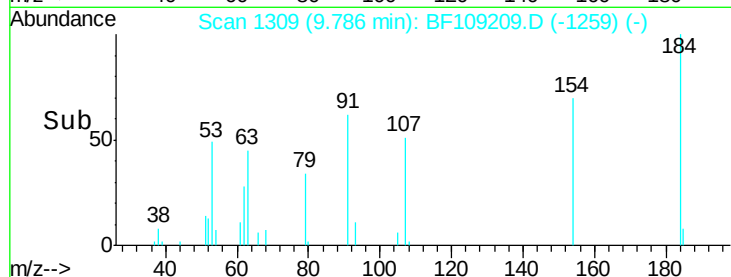
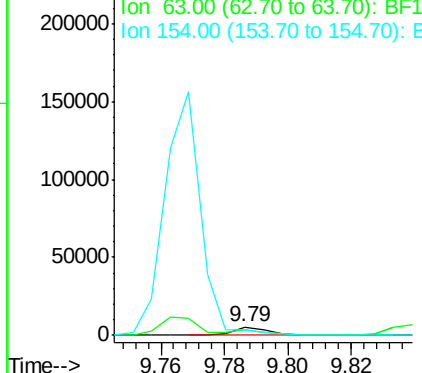
#53
 2,4-Dinitrophenol
 Concen: 3.47 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF109209.D
 Acq: 22 Sep 2018 9:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 4107
 Ion Ratio Lower Upper
 184 100
 63 71.4 54.2 81.2
 154 69.6 184.0 276.0#

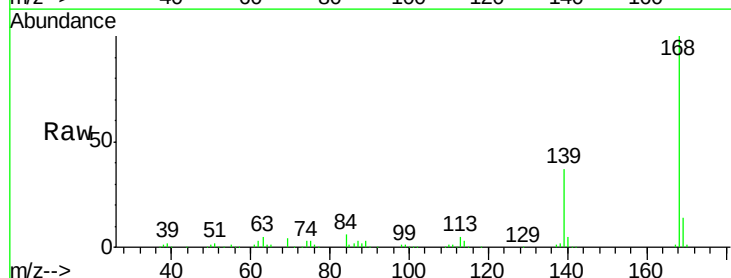


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

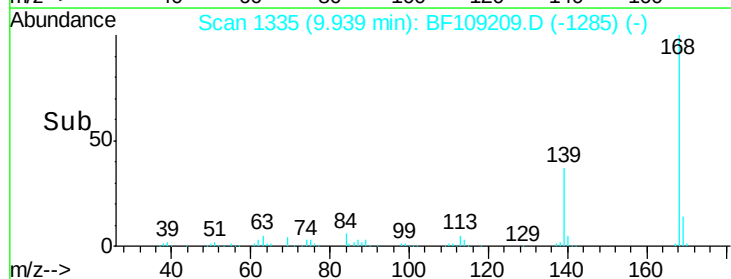
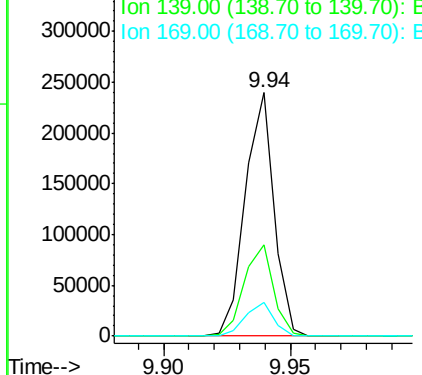


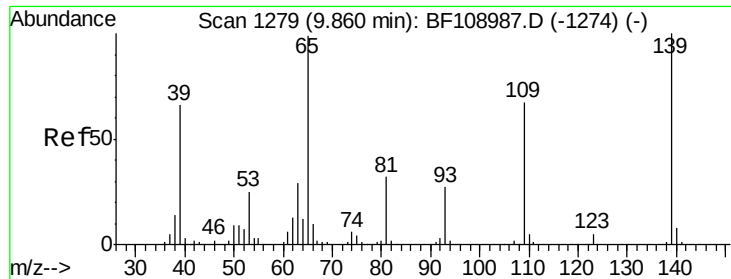
#54
 Dibenzofuran
 Concen: 11.23 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF109209.D
 Acq: 22 Sep 2018 9:42

Tgt Ion:168 Resp: 189341
 Ion Ratio Lower Upper
 168 100
 139 37.4 30.1 45.1
 169 13.7 10.9 16.3



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

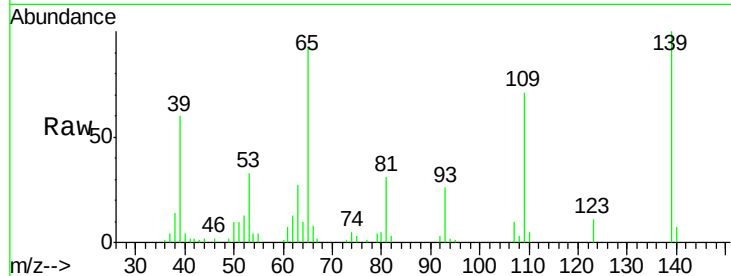




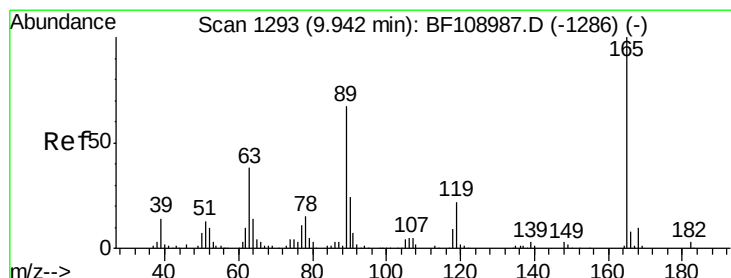
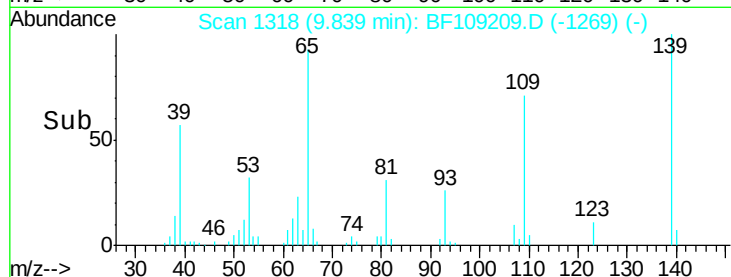
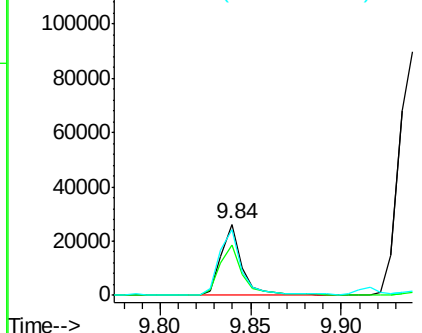
#55
4-Nitrophenol
Concen: 7.93 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF109209.D
Acq: 22 Sep 2018 9:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 21149
Ion Ratio Lower Upper
139 100
109 71.4 48.4 88.4
65 92.7 72.6 112.6

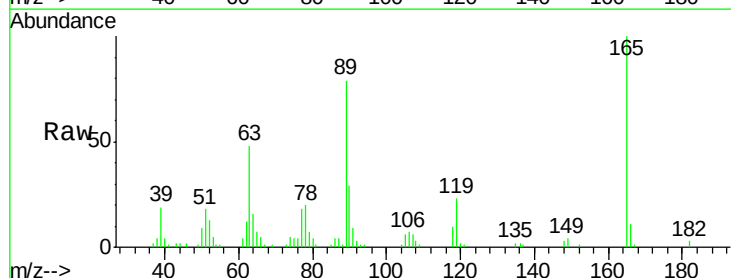


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

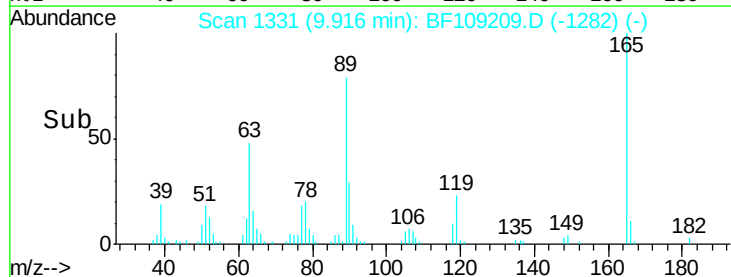
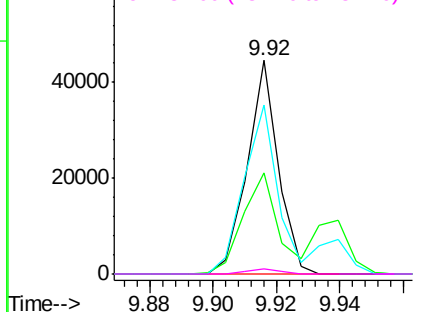


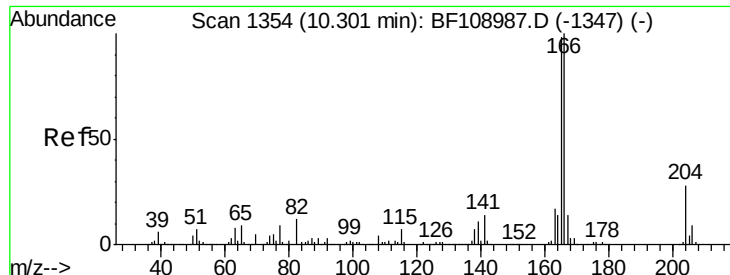
#56
2,4-Dinitrotoluene
Concen: 7.50 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF109209.D
Acq: 22 Sep 2018 9:42

Tgt Ion:165 Resp: 30164
Ion Ratio Lower Upper
165 100
63 47.6 36.4 54.6
89 79.3 57.8 86.6
182 2.7 1.6 2.4#



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





#57

Fluorene

Concen: 12.32 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF109209.D

Acq: 22 Sep 2018 9:42

Instrument :

BNA_F

ClientSampleId :

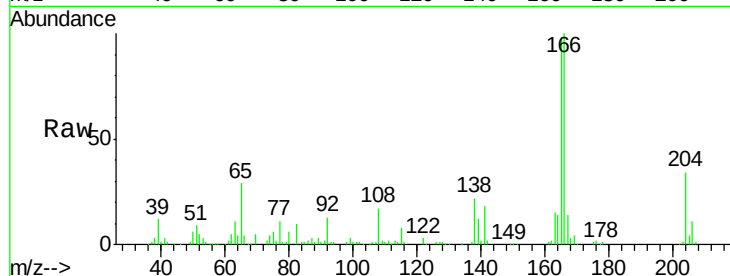
Tot Ion:166 Resp: 138453

Ion Ratio Lower Upper

166 100

165 98.3 79.8 119.8

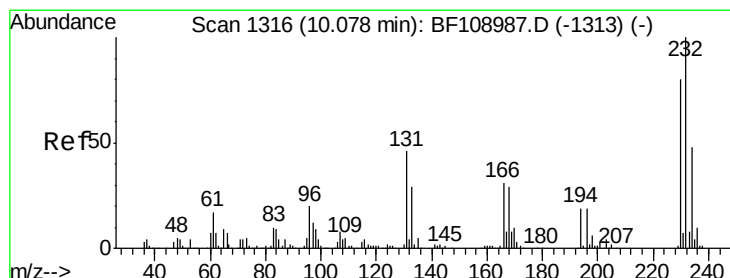
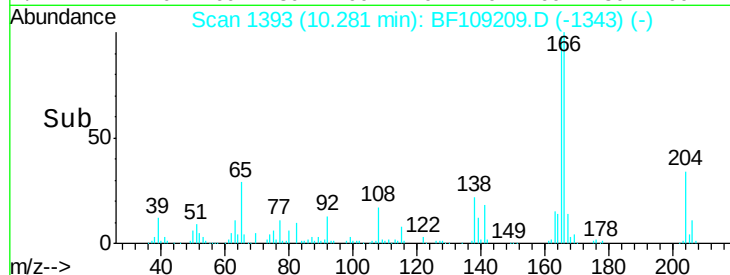
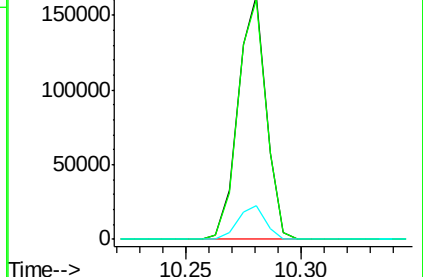
167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 9.48 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BF109209.D

Acq: 22 Sep 2018 9:42

Tgt Ion:232 Resp: 33664

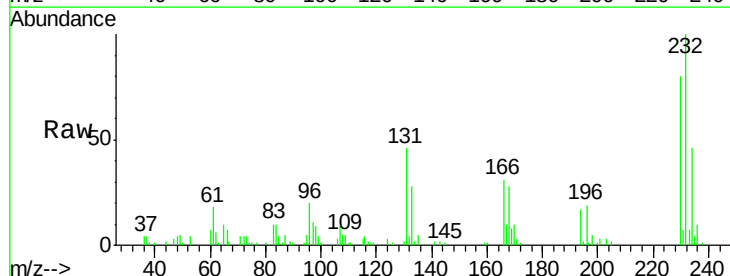
Ion Ratio Lower Upper

232 100

131 48.5 43.8 65.8

130 2.0 2.1 3.1#

166 31.9 27.8 41.6

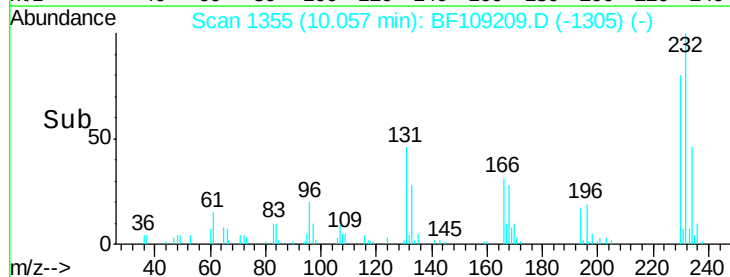
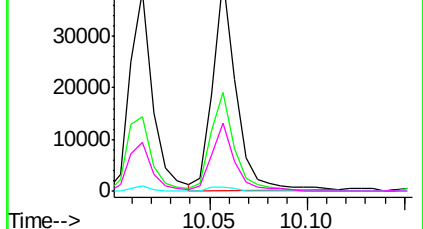


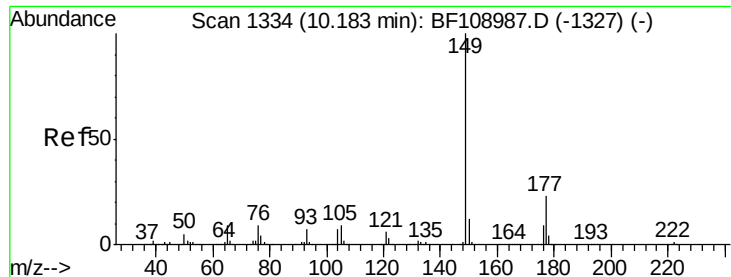
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

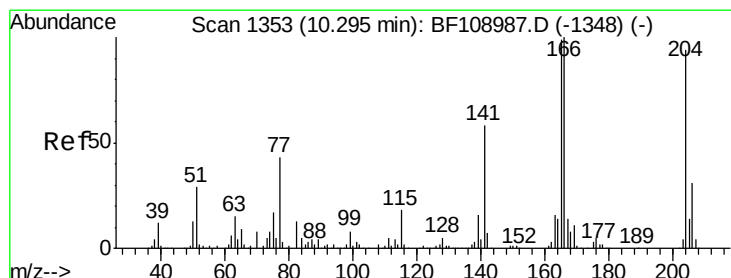
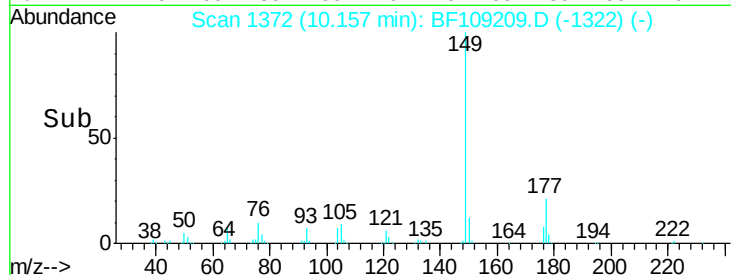
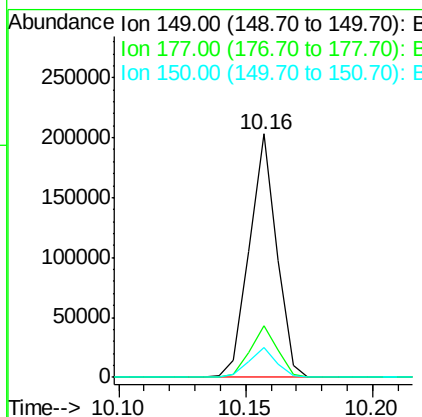
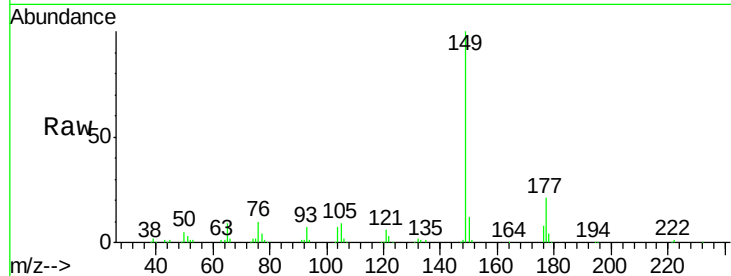




#59
Diethylphthalate
Concen: 10.89 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF109209.D
Acq: 22 Sep 2018 9:42

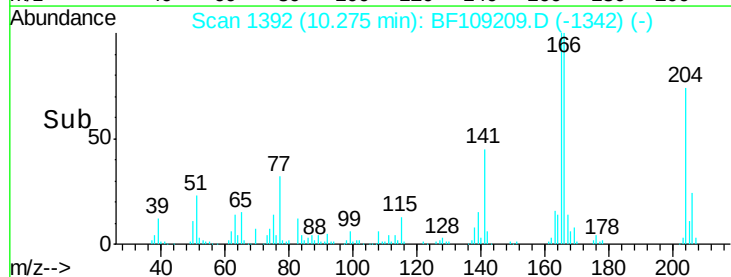
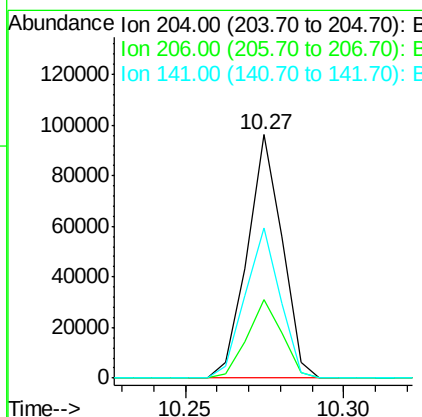
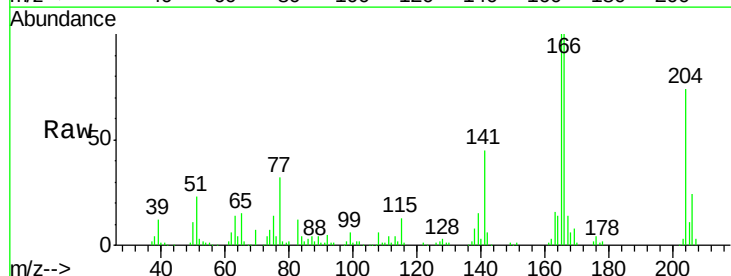
Instrument :
BNA_F
ClientSampleId :

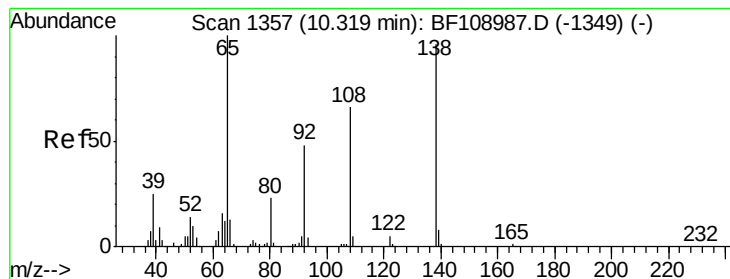
Tot Ion:149 Resp: 152452
Ion Ratio Lower Upper
149 100
177 21.1 16.1 24.1
150 12.0 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 12.18 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF109209.D
Acq: 22 Sep 2018 9:42

Tgt Ion:204 Resp: 73327
Ion Ratio Lower Upper
204 100
206 32.2 26.5 39.7
141 61.6 54.6 81.8





#61

4-Nitroaniline

Concen: 8.91 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.02 min

Lab File: BF109209.D

Acq: 22 Sep 2018 9:42

Instrument :

BNA_F

ClientSampleId :

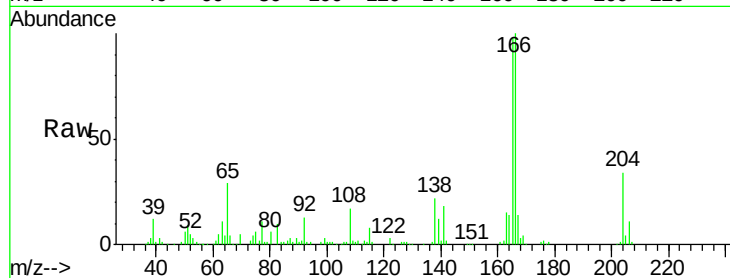
Tot Ion:138 Resp: 30640

Ion Ratio Lower Upper

138 100

92 58.5 30.2 70.2

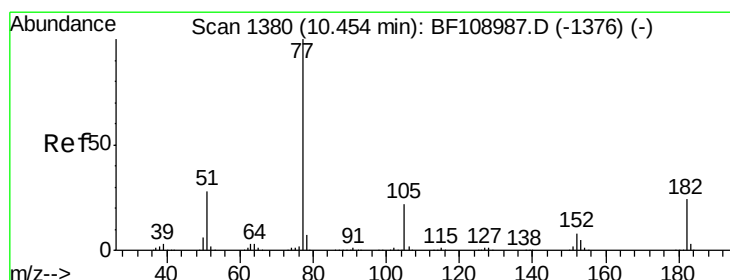
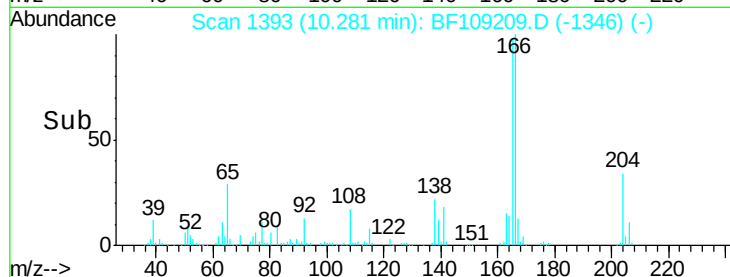
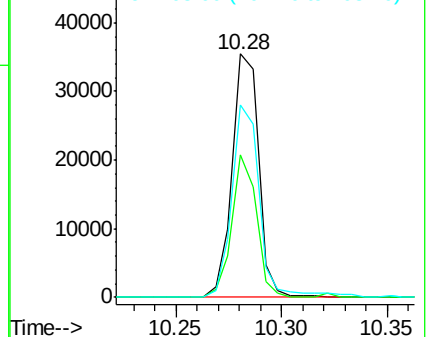
108 78.9 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 11.24 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF109209.D

Acq: 22 Sep 2018 9:42

Tgt Ion: 77 Resp: 161192

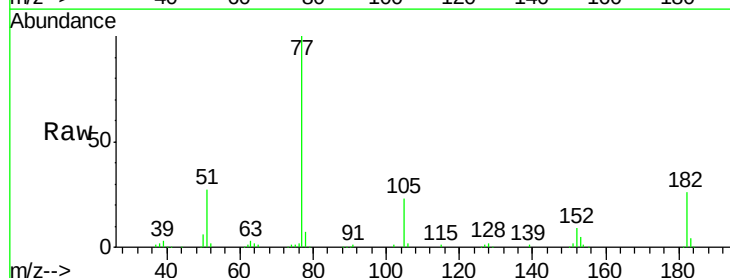
Ion Ratio Lower Upper

77 100

182 25.9 1.7 41.7

105 22.6 3.0 43.0

51 27.2 9.9 49.9

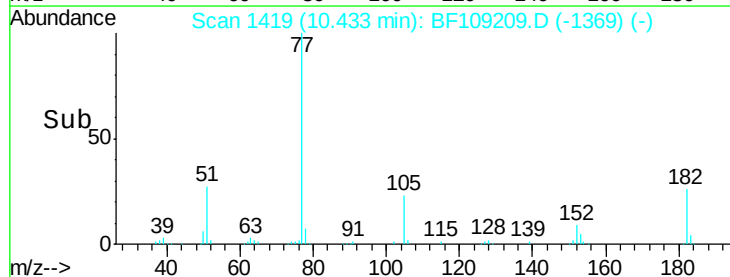
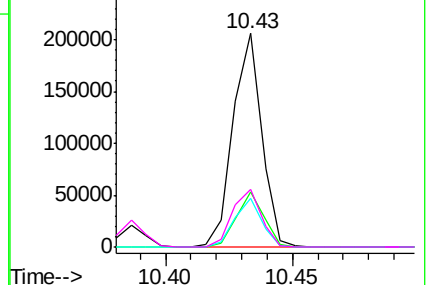


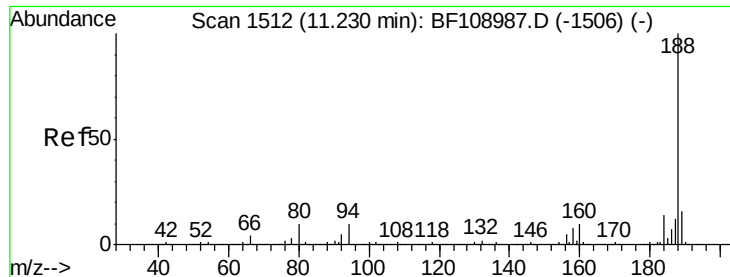
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

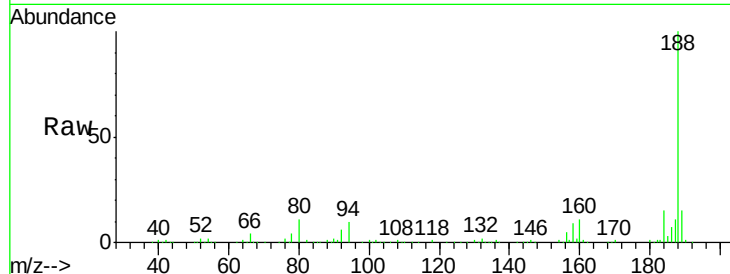




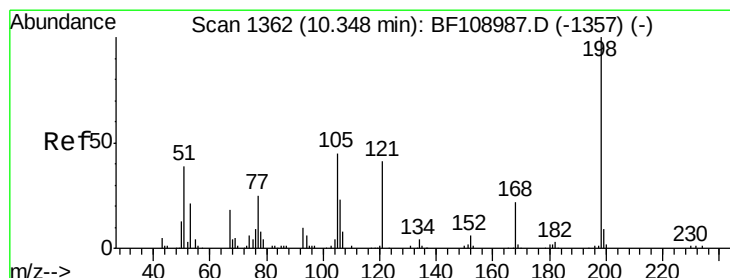
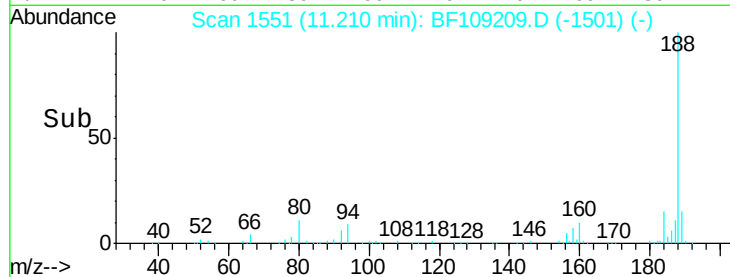
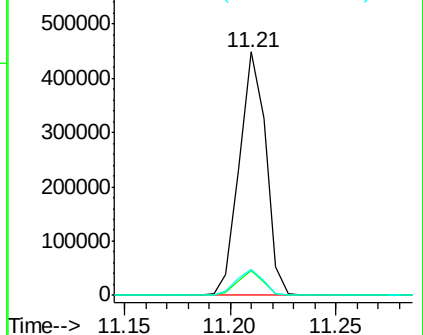
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109209.D
 Acq: 22 Sep 2018 9:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.7	9.2	13.8

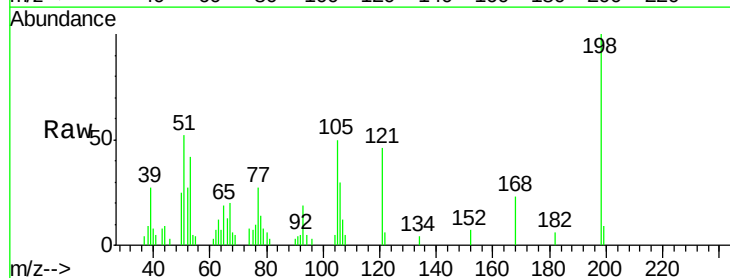


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

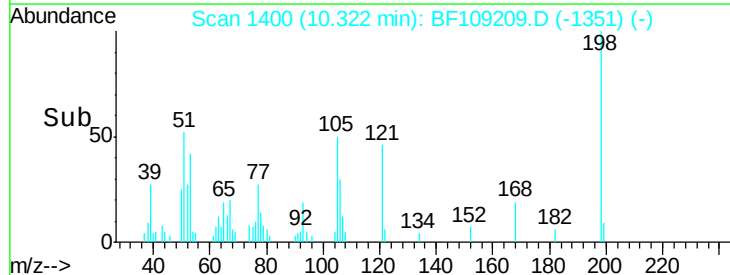
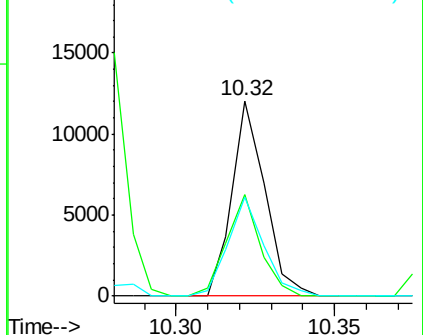


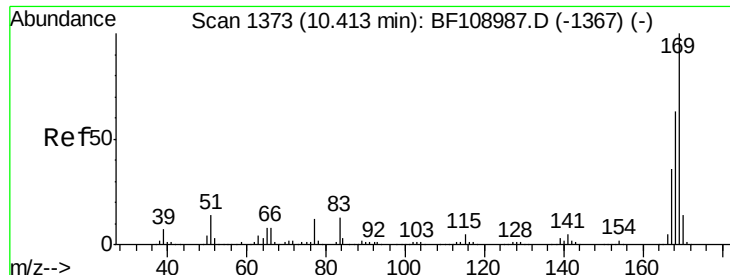
#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.65 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF109209.D
 Acq: 22 Sep 2018 9:42

Tgt Ion	Ratio	Lower	Upper
198	100		
51	52.0	37.7	77.7
105	50.3	36.3	76.3



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

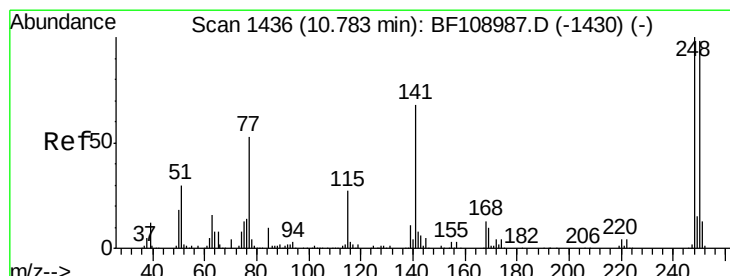
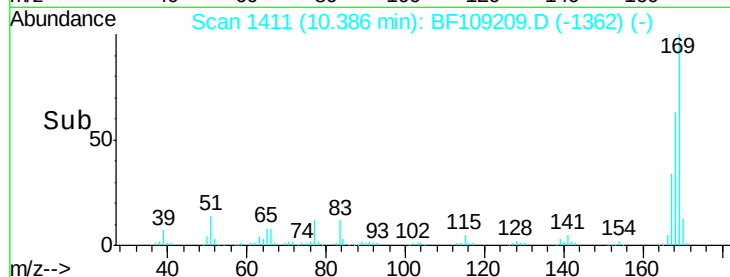
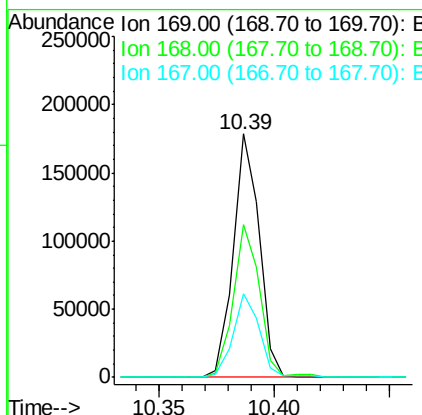
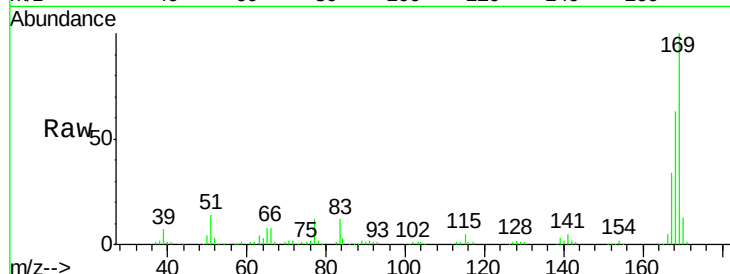




#65
n-Nitrosodiphenylamine
Concen: 10.97 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF109209.D
Acq: 22 Sep 2018 9:42

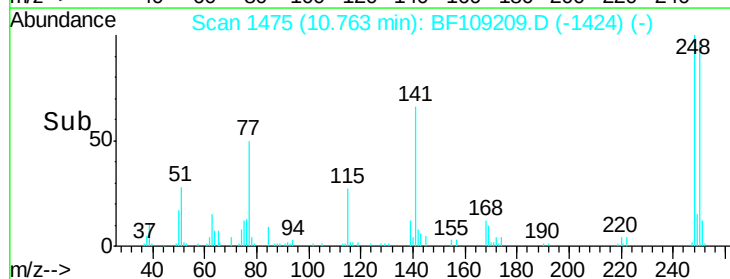
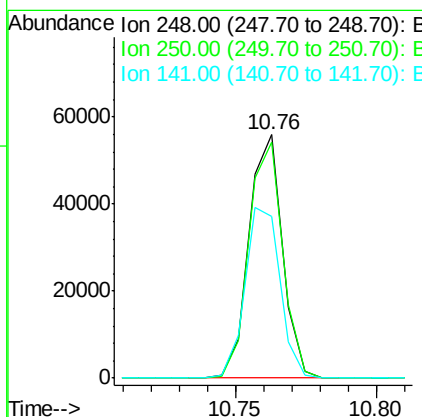
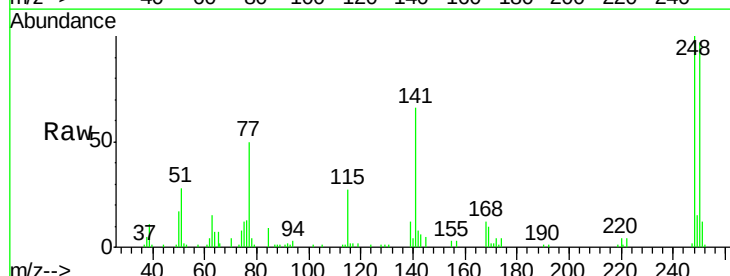
Instrument :
BNA_F
ClientSampled :

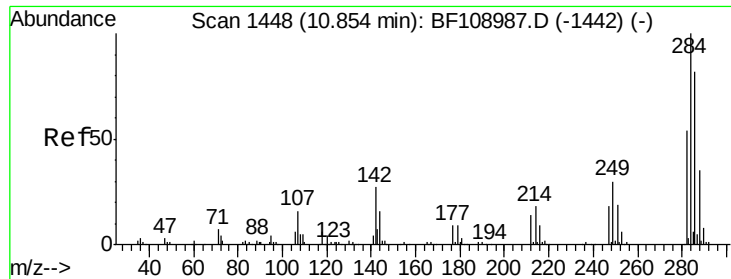
Tot Ion	Ratio	Lower	Upper
169	100		
168	62.6	54.4	81.6
167	34.5	29.8	44.6



#66
4-Bromophenyl-phenylether
Concen: 10.46 ng
RT: 10.76 min Scan# 1475
Delta R.T. 0.00 min
Lab File: BF109209.D
Acq: 22 Sep 2018 9:42

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.7	76.9	115.3
141	66.5	74.4	111.6#





#67

Hexachlorobenzene

Concen: 10.60 ng

RT: 10.83 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BF109209.D

Acq: 22 Sep 2018 9:42

Instrument :

BNA_F

ClientSampleId :

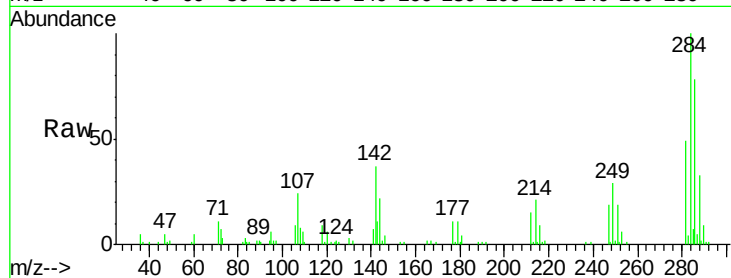
Tot Ion:284 Resp: 49774

Ion Ratio Lower Upper

284 100

142 37.4 34.6 52.0

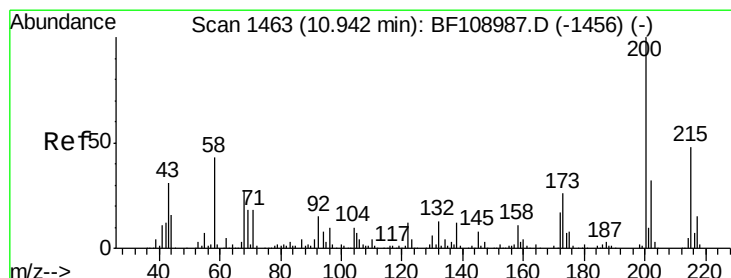
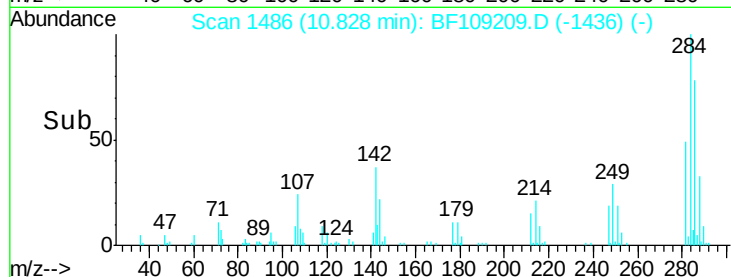
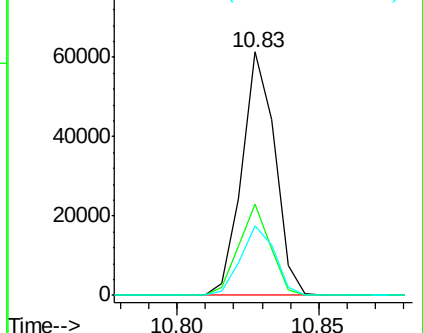
249 28.6 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 10.38 ng

RT: 10.92 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BF109209.D

Acq: 22 Sep 2018 9:42

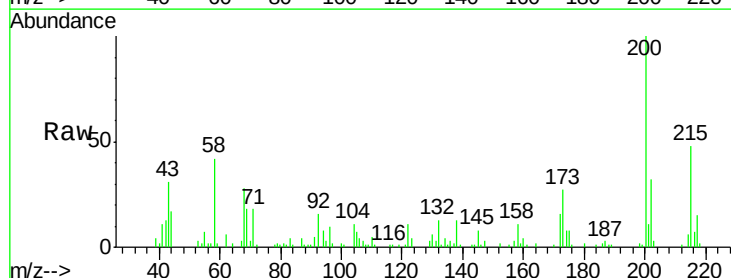
Tgt Ion:200 Resp: 42348

Ion Ratio Lower Upper

200 100

173 26.9 8.6 48.6

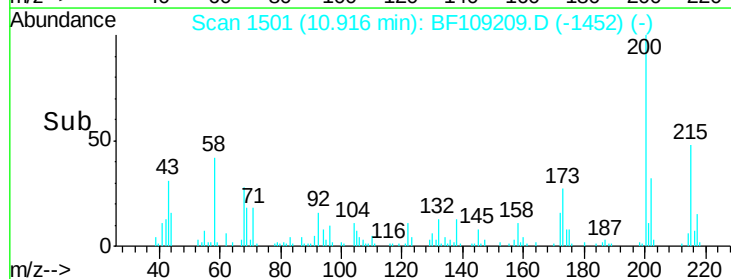
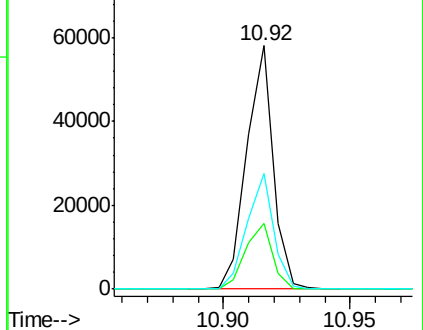
215 47.6 25.1 65.1

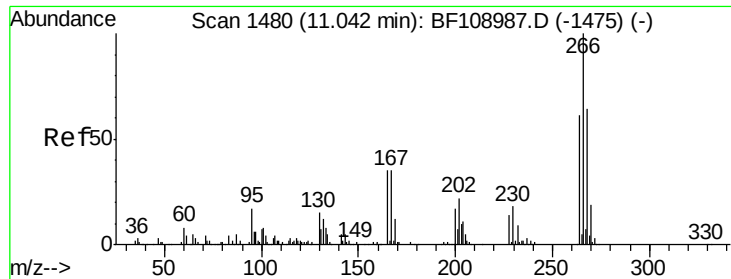


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

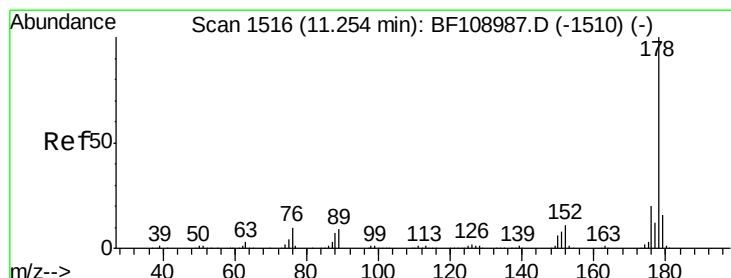
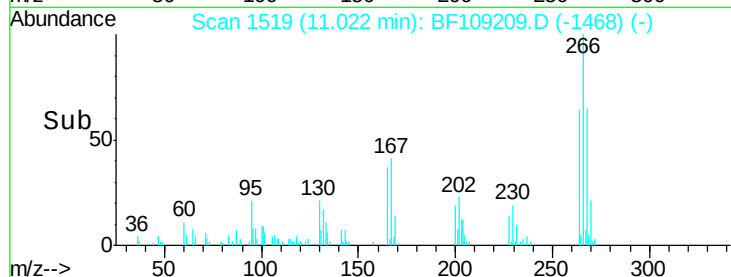
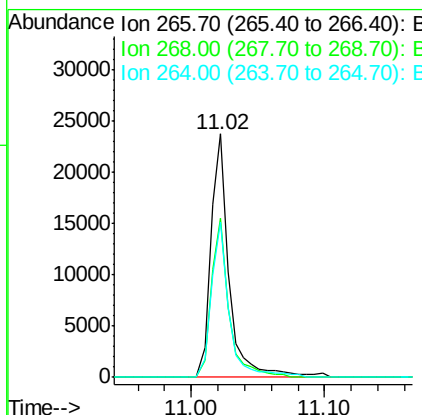
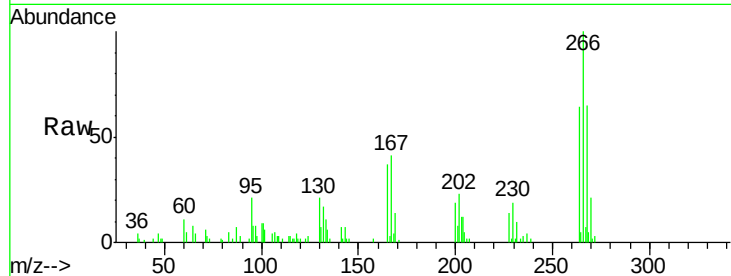




#69
 Pentachlorophenol
 Concen: 7.65 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BF109209.D
 Acq: 22 Sep 2018 9:42

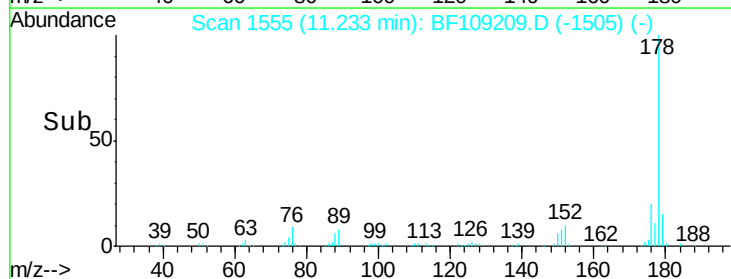
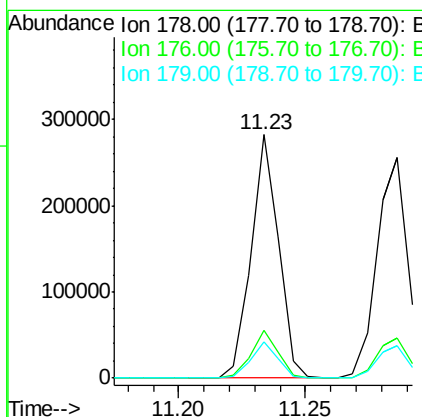
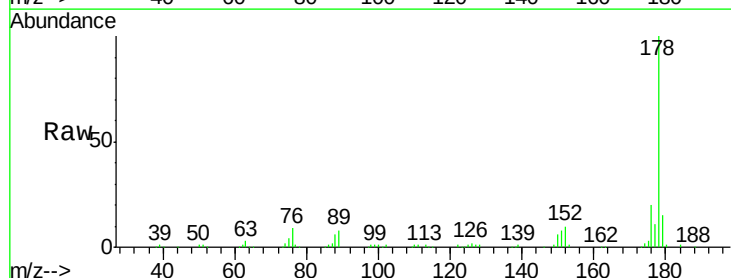
Instrument :
 BNA_F
 ClientSampleId :

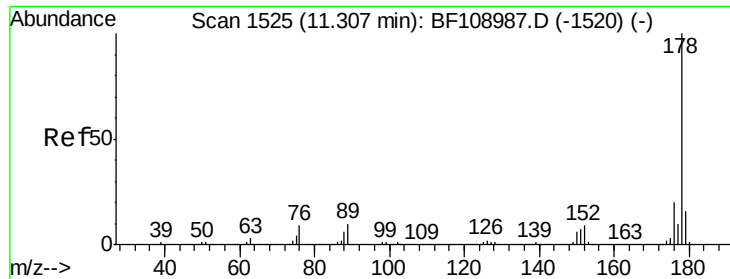
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.3	51.1	76.7
264	63.7	49.5	74.3



#70
 Phenanthrene
 Concen: 11.14 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF109209.D
 Acq: 22 Sep 2018 9:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.1	13.0	19.6

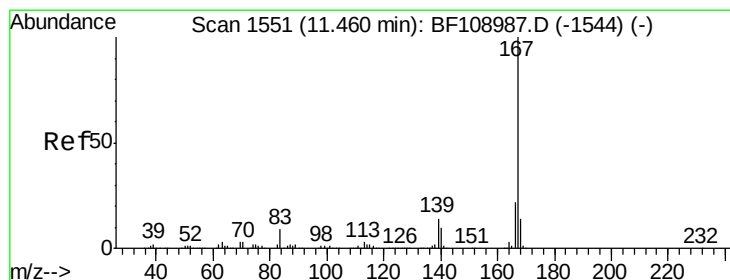
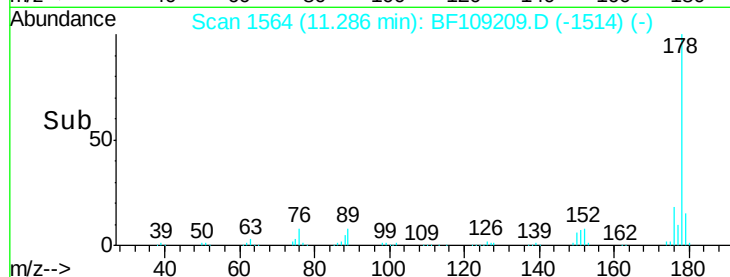
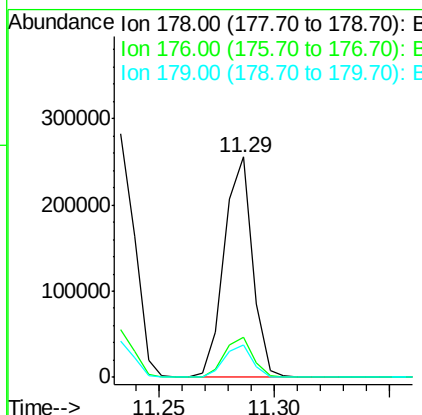
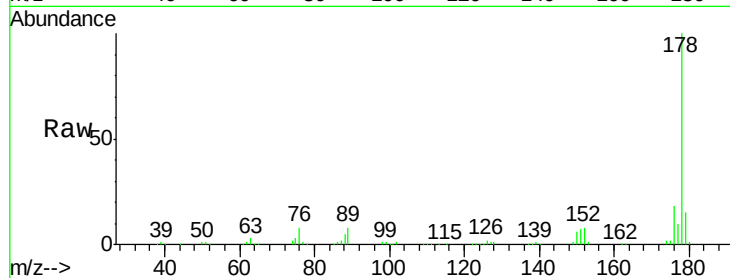




#71
 Anthracene
 Concen: 11.20 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF109209.D
 Acq: 22 Sep 2018 9:42

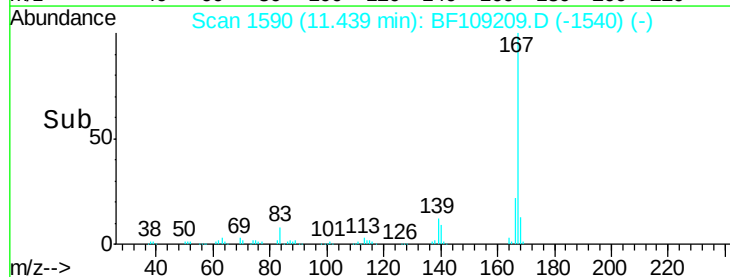
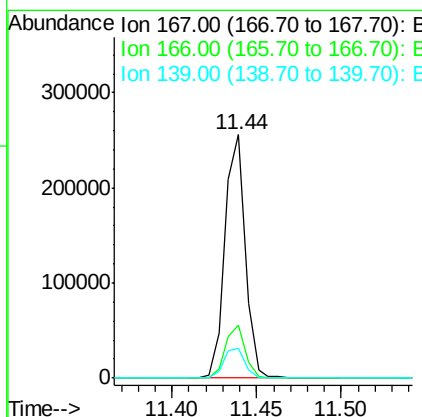
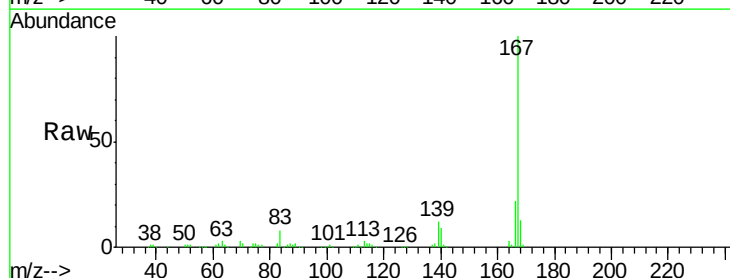
Instrument :
 BNA_F
 ClientSampleId :

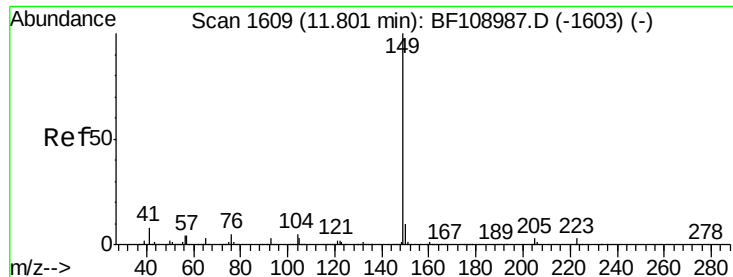
Tot Ion:178 Resp: 216780
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.4 23.2
 179 14.8 12.6 19.0



#72
 Carbazole
 Concen: 11.21 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF109209.D
 Acq: 22 Sep 2018 9:42

Tgt Ion:167 Resp: 214668
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 12.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 11.19 ng

RT: 11.78 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BF109209.D

Acq: 22 Sep 2018 9:42

Instrument :

BNA_F

ClientSampleId :

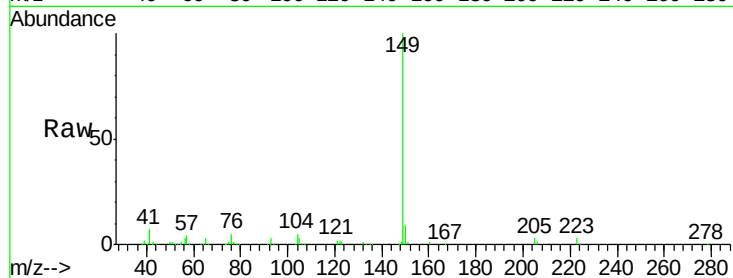
Tot Ion:149 Resp: 250981

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.6

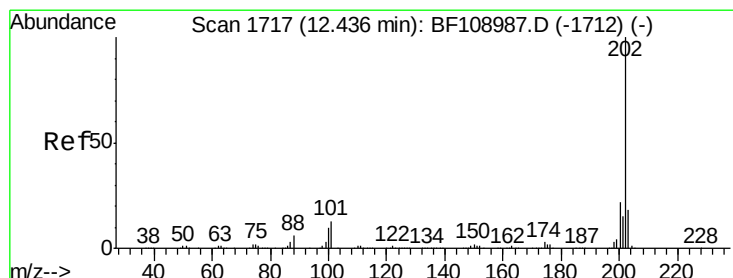
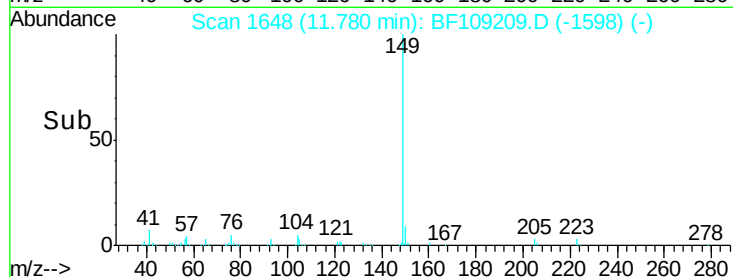
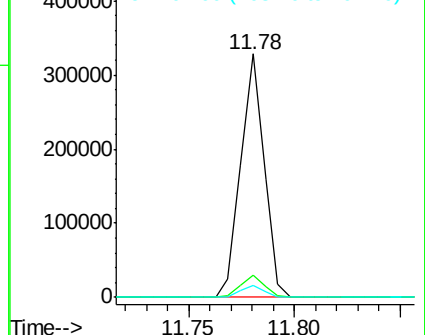
104 5.1 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 11.47 ng

RT: 12.42 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BF109209.D

Acq: 22 Sep 2018 9:42

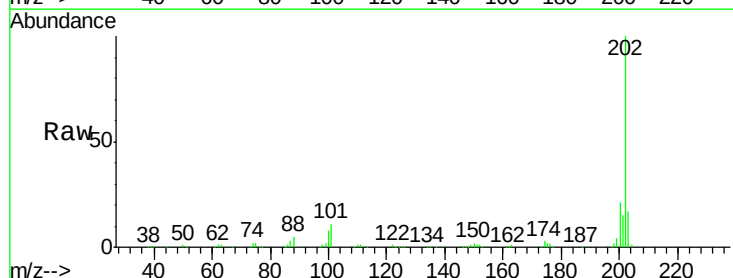
Tgt Ion:202 Resp: 231087

Ion Ratio Lower Upper

202 100

101 11.0 0.0 34.1

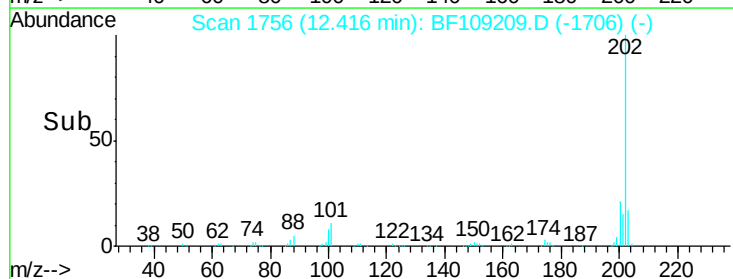
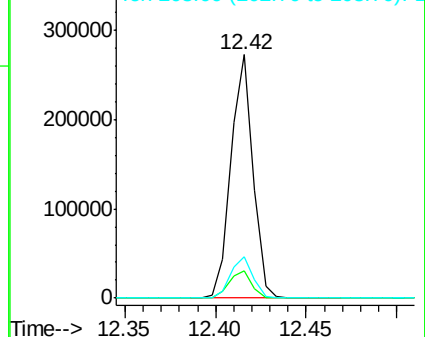
203 17.2 0.0 38.1

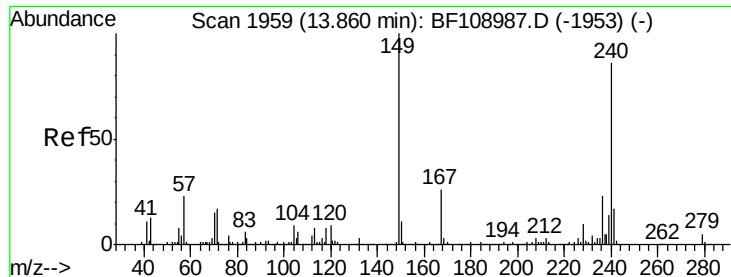


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109209.D

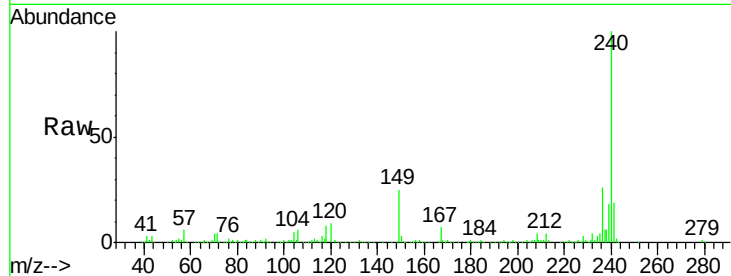
Acq: 22 Sep 2018 9:42

Instrument :

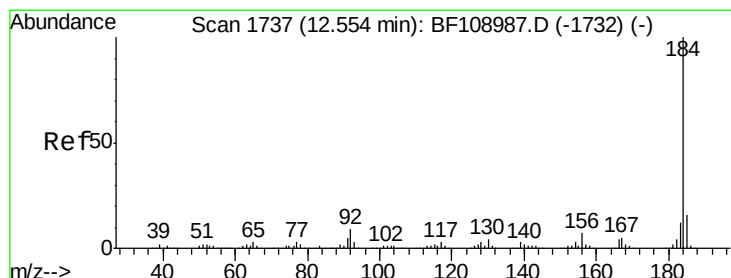
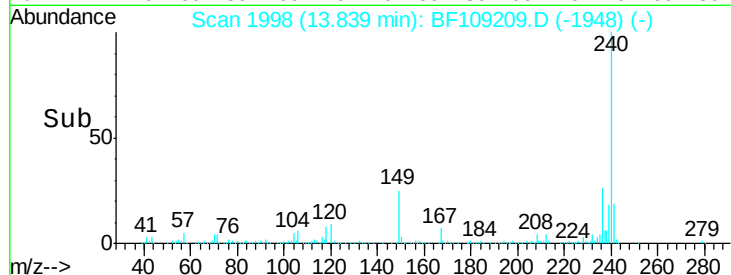
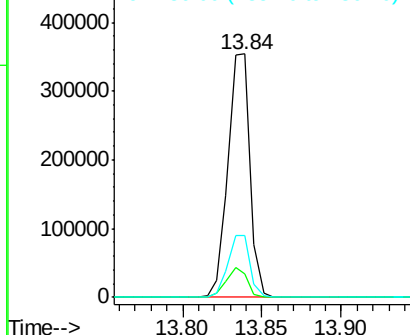
BNA_F

ClientSampleId :

Tot Ion:240 Resp: 342191
 Ion Ratio Lower Upper
 240 100
 120 9.5 9.5 14.3#
 236 25.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 11.11 ng

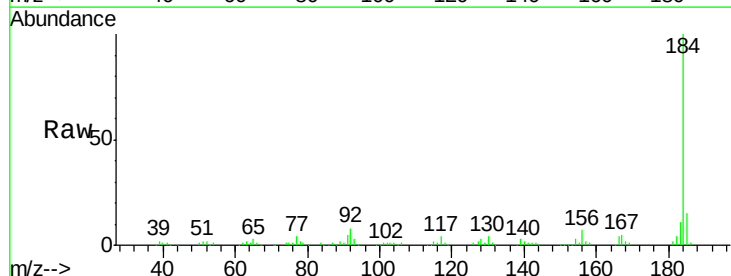
RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

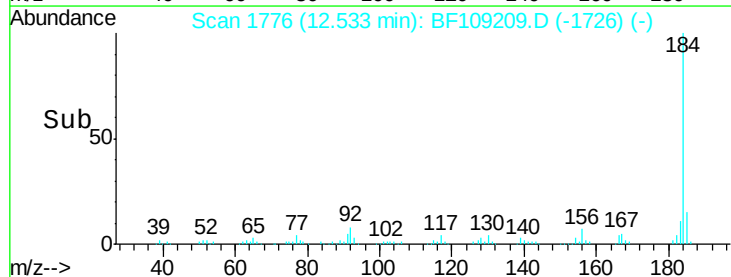
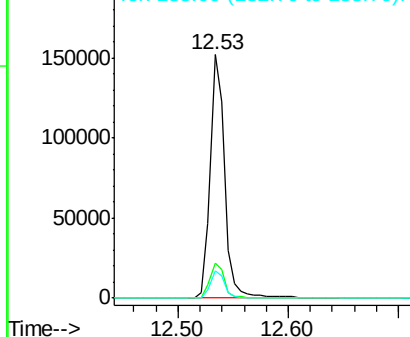
Lab File: BF109209.D

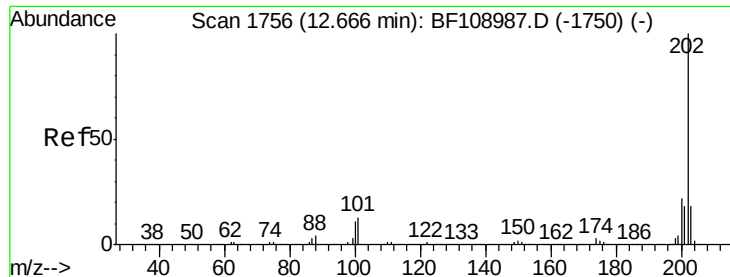
Acq: 22 Sep 2018 9:42

Tgt Ion:184 Resp: 134630
 Ion Ratio Lower Upper
 184 100
 185 14.6 12.6 18.8
 183 11.3 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 185.00 (184.70 to 185.70): E
 Ion 183.00 (182.70 to 183.70): E

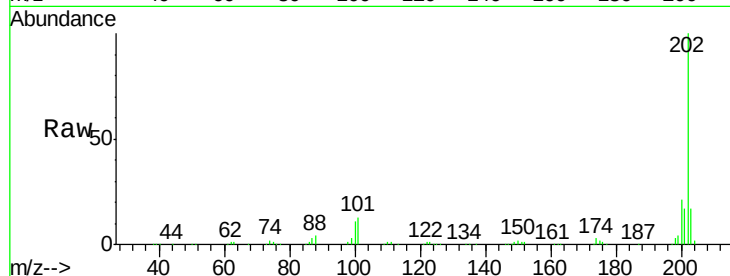




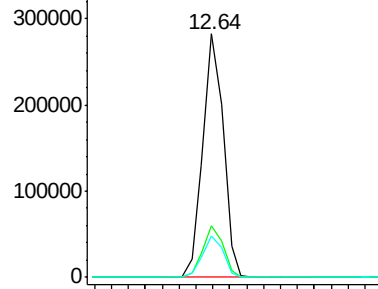
#77
Pvrene
Concen: 9.39 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BF109209.D
Acq: 22 Sep 2018 9:42

Instrument :
BNA_F
ClientSampleId :

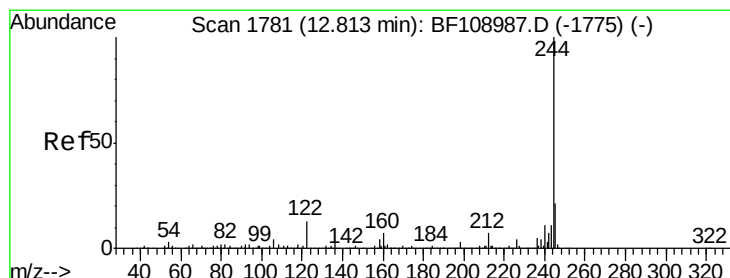
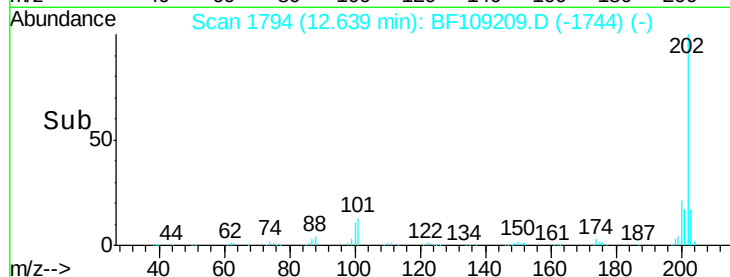
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.0	14.3	21.5



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

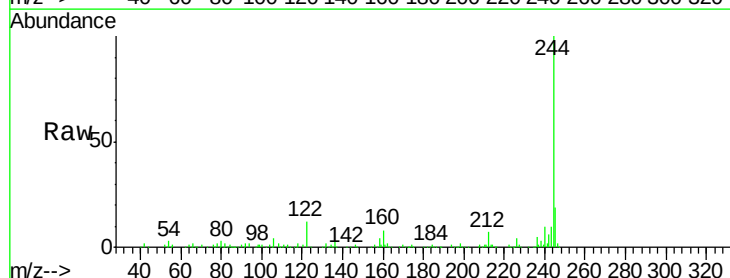


Time-->

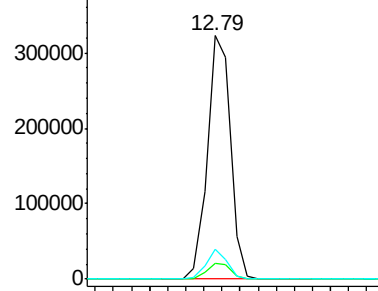


#78
Terphenyl-d14
Concen: 19.83 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF109209.D
Acq: 22 Sep 2018 9:42

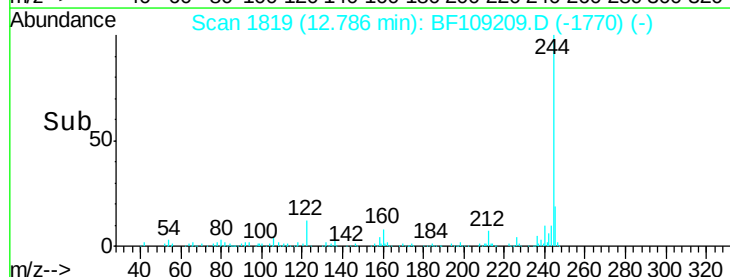
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.1	11.0	16.4

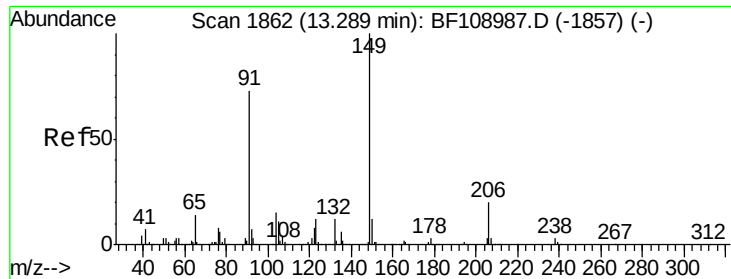


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->

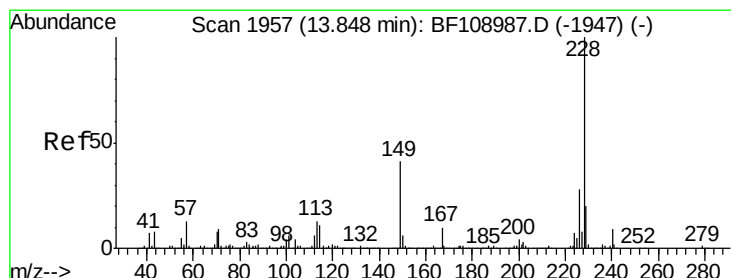
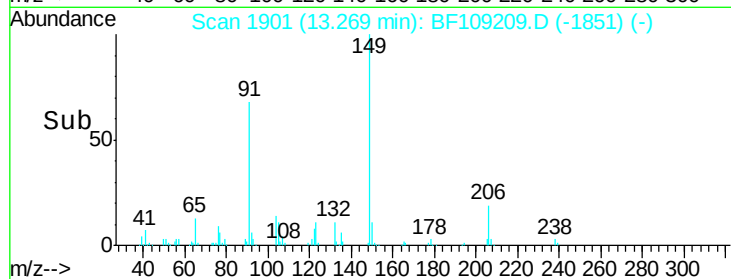
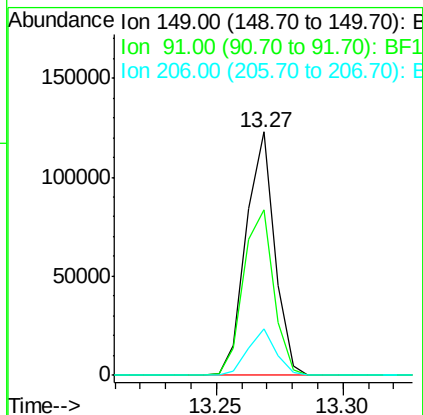
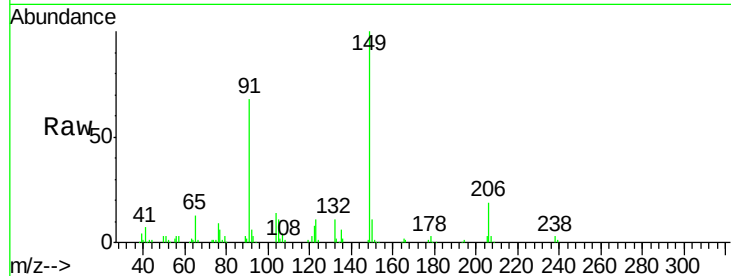




#79
Butylbenzylphthalate
Concen: 8.49 ng
RT: 13.27 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BF109209.D
Acq: 22 Sep 2018 9:42

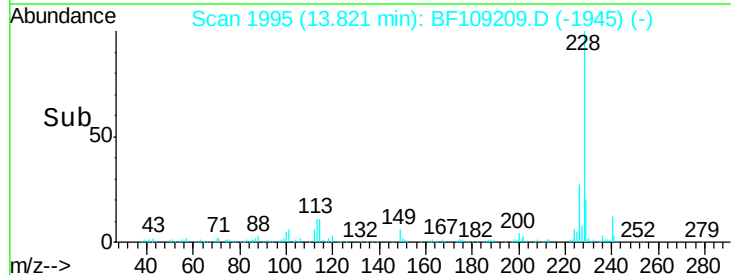
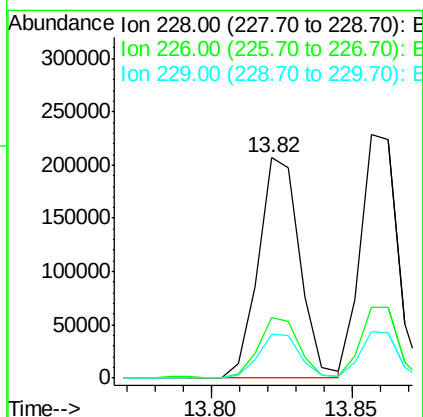
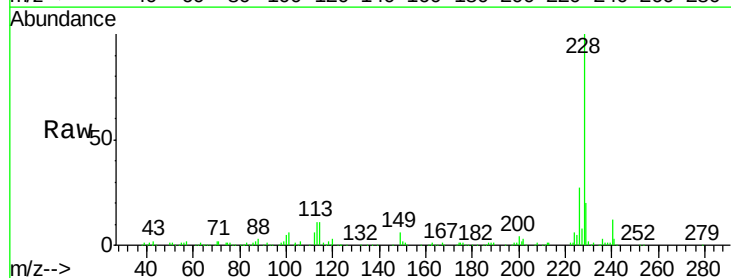
Instrument :
BNA_F
ClientSampleId :

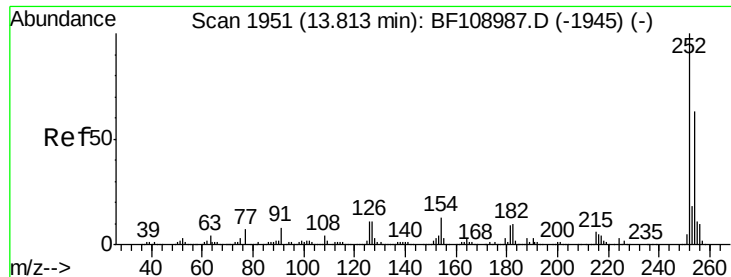
Tot Ion:149 Resp: 96419
Ion Ratio Lower Upper
149 100
91 68.2 56.8 85.2
206 19.0 14.1 21.1



#80
Benzo(a)anthracene
Concen: 10.20 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF109209.D
Acq: 22 Sep 2018 9:42

Tgt Ion:228 Resp: 211296
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 19.9 15.8 23.6

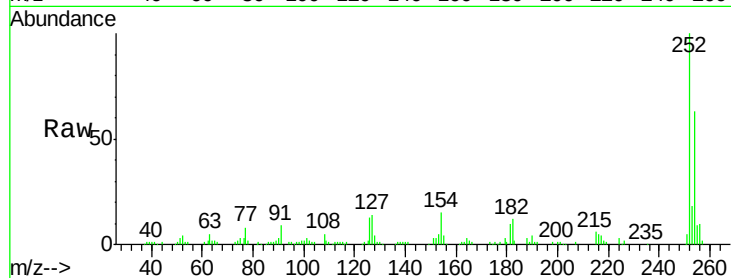




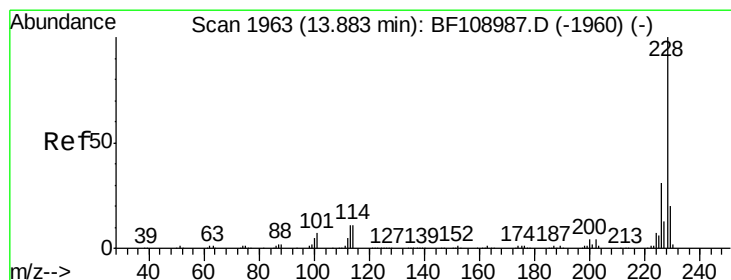
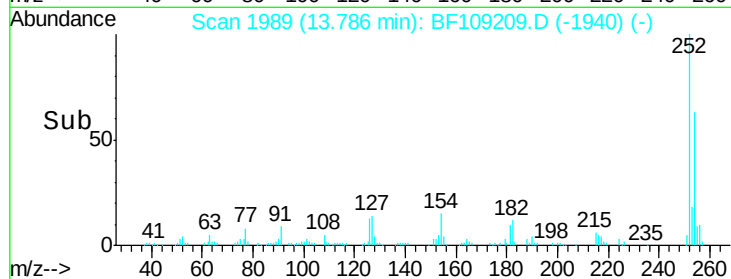
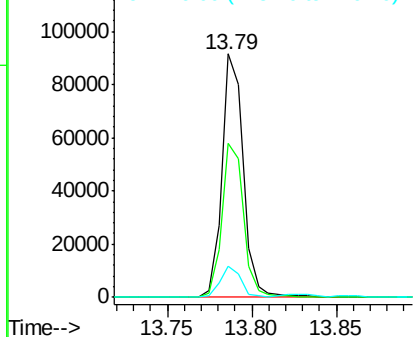
#81
 3,3'-Dichlorobenzidine
 Concen: 9.62 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BF109209.D
 Acq: 22 Sep 2018 9:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.2	50.4	75.6
126	13.0	11.3	16.9

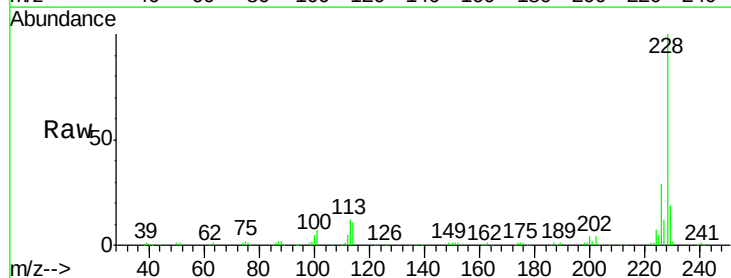


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

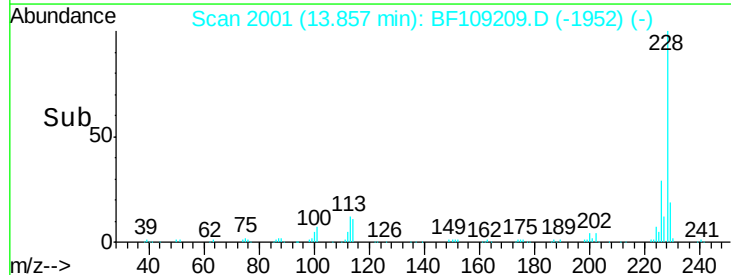
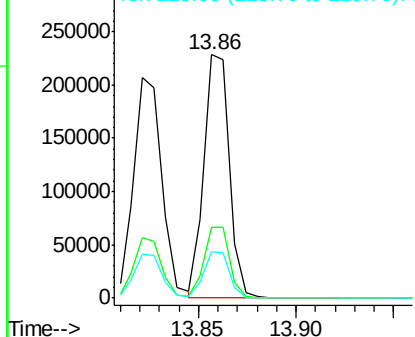


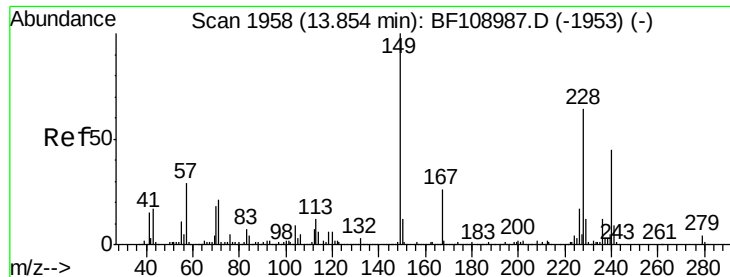
#82
 Chrysene
 Concen: 9.98 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF109209.D
 Acq: 22 Sep 2018 9:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.6
229	19.3	16.2	24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 9.31 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF109209.D

Acq: 22 Sep 2018 9:42

Instrument :

BNA_F

ClientSampleId :

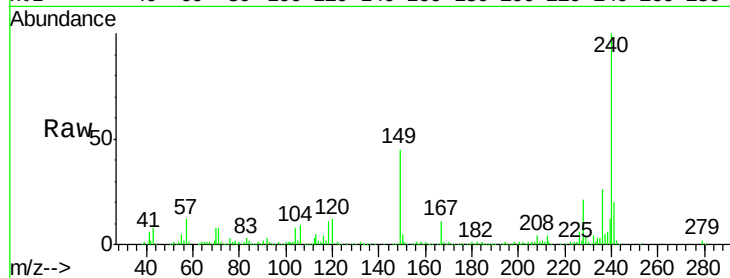
Tot Ion:149 Resp: 127956

Ion Ratio Lower Upper

149 100

167 25.3 21.3 31.9

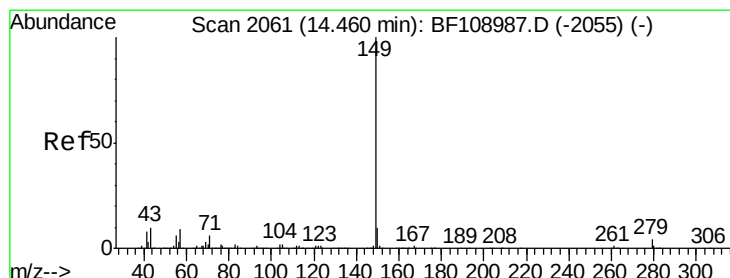
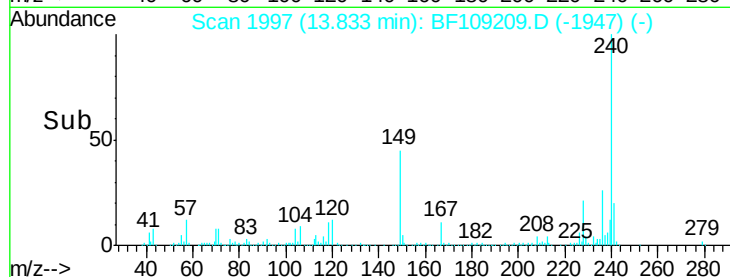
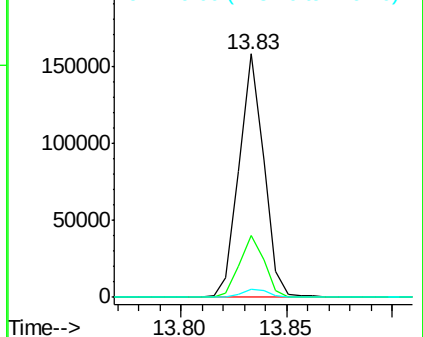
279 3.4 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 9.11 ng

RT: 14.44 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BF109209.D

Acq: 22 Sep 2018 9:42

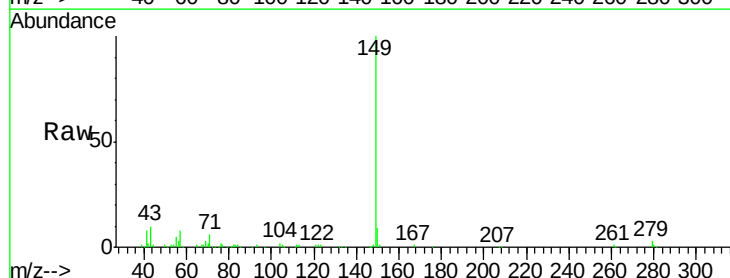
Tgt Ion:149 Resp: 212354

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

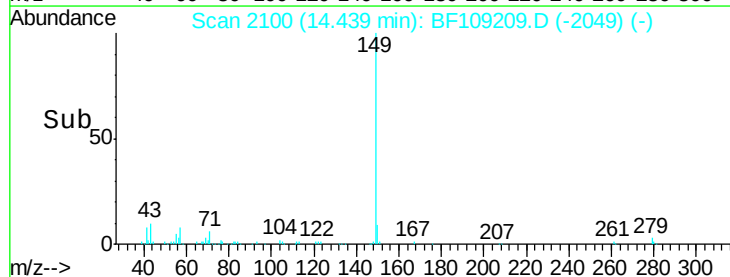
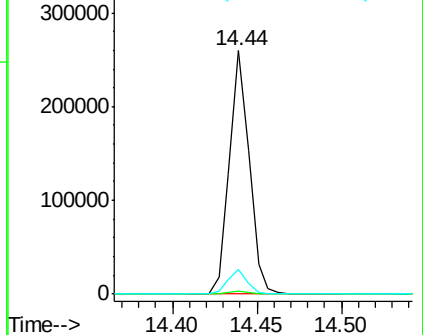
43 10.0 8.4 12.6

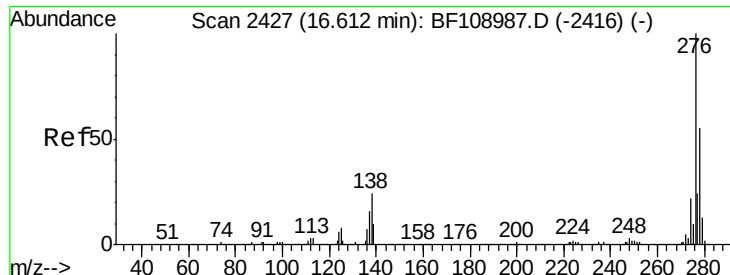


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

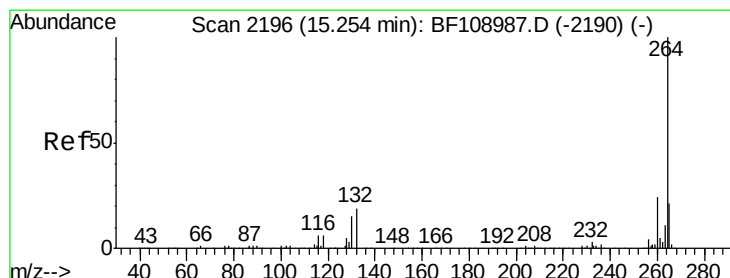
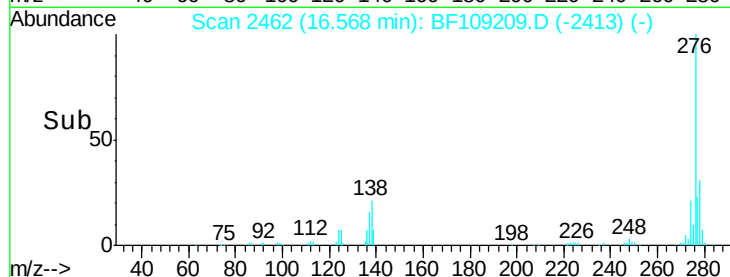
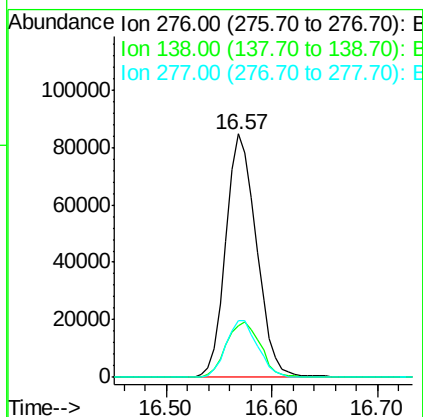
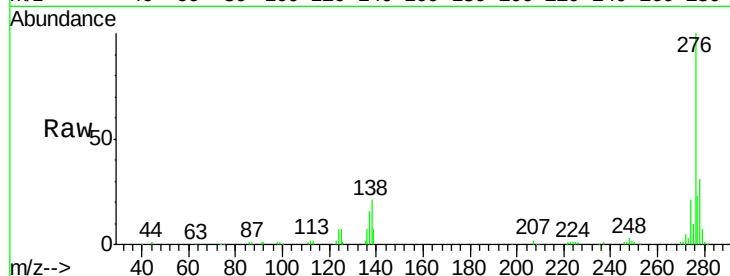




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 10.32 ng
 RT: 16.57 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BF109209.D
 Acq: 22 Sep 2018 9:42

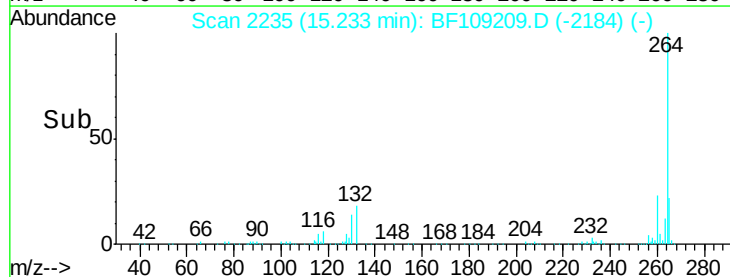
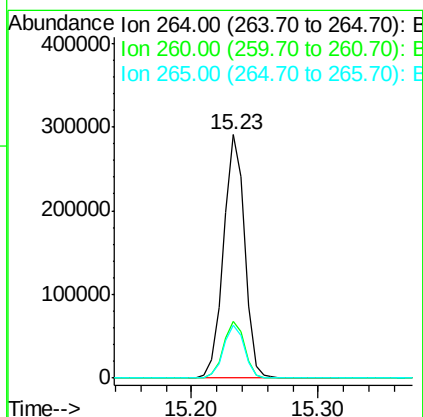
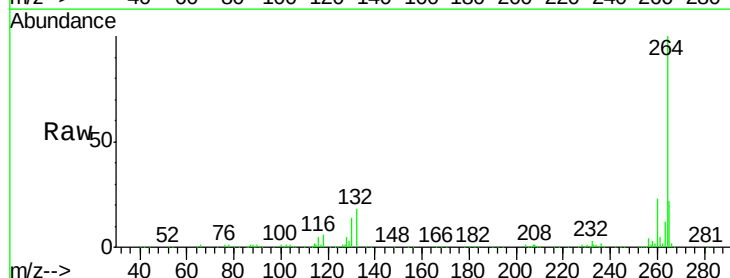
Instrument :
 BNA_F
 ClientSampleId :

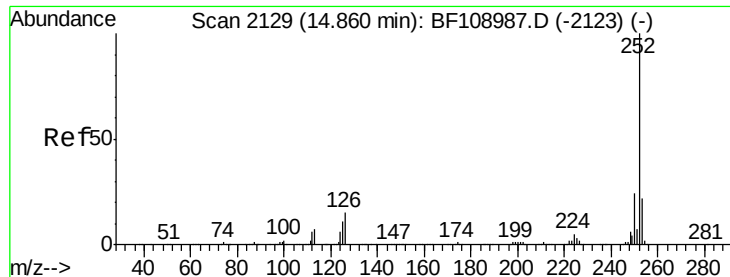
Tot Ion:276 Resp: 171014
 Ion Ratio Lower Upper
 276 100
 138 25.1 25.0 37.6
 277 24.2 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. 0.00 min
 Lab File: BF109209.D
 Acq: 22 Sep 2018 9:42

Tgt Ion:264 Resp: 335013
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.9 17.5 26.3

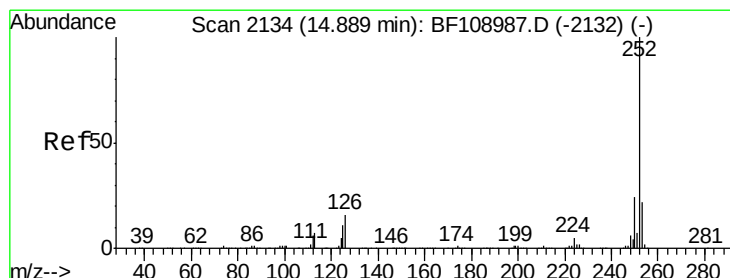
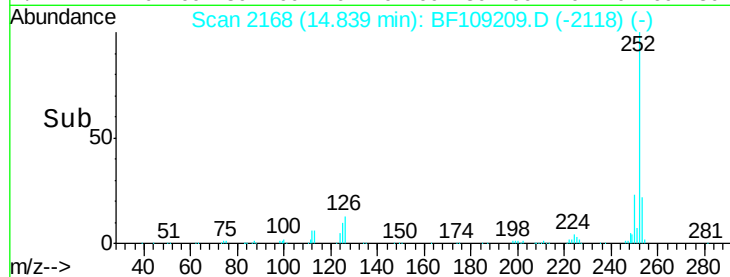
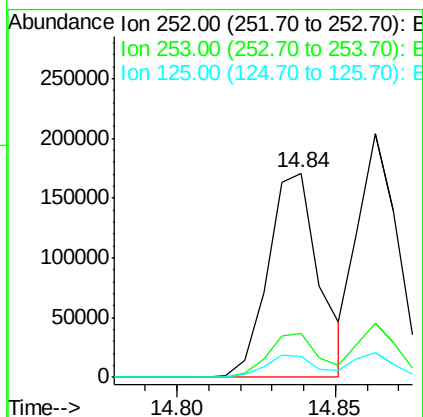
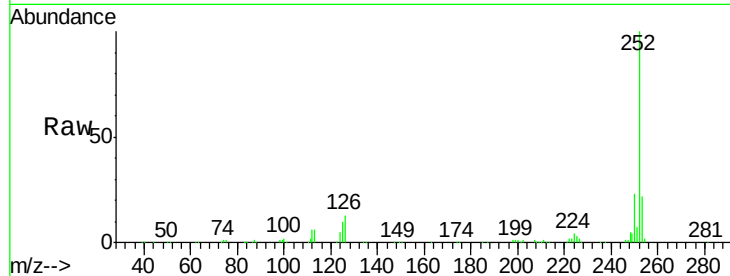




#87
Benzo(b)fluoranthene
Concen: 10.36 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF109209.D
Acq: 22 Sep 2018 9:42

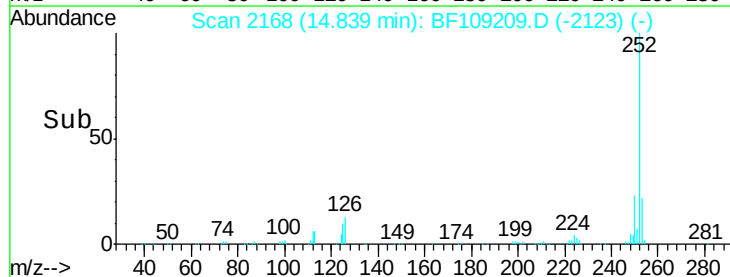
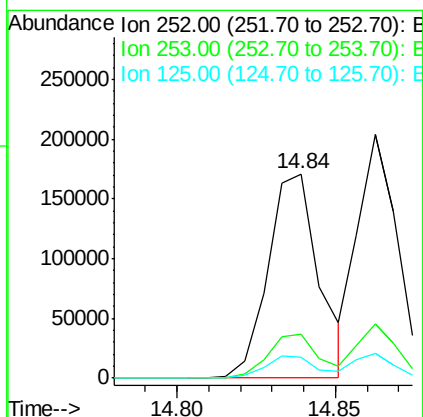
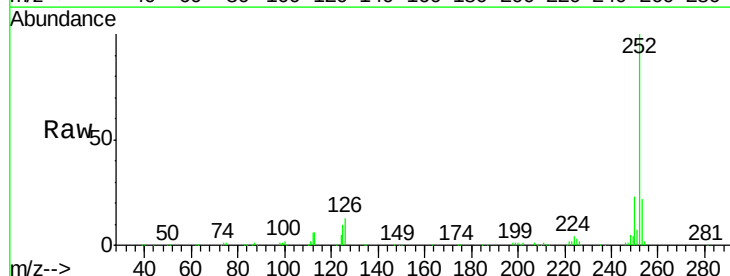
Instrument :
BNA_F
ClientSampled :

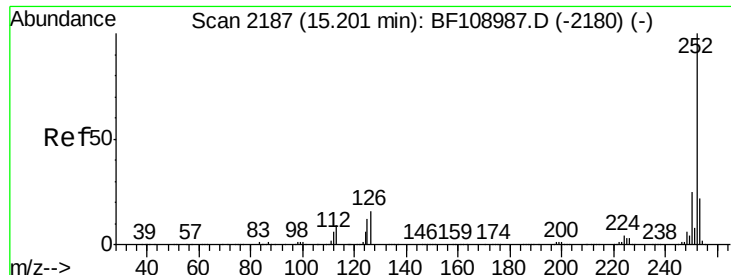
Tot Ion:252 Resp: 192067
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 10.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 11.10 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.04 min
Lab File: BF109209.D
Acq: 22 Sep 2018 9:42

Tgt Ion:252 Resp: 192067
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 10.4 10.2 15.2

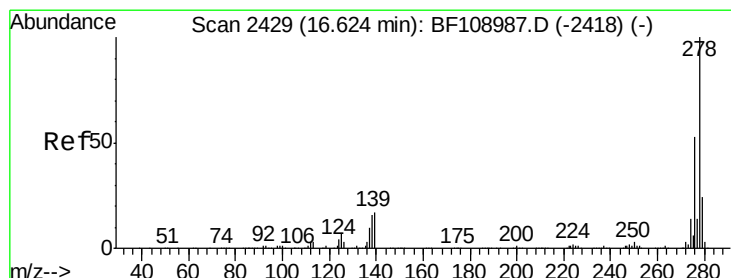
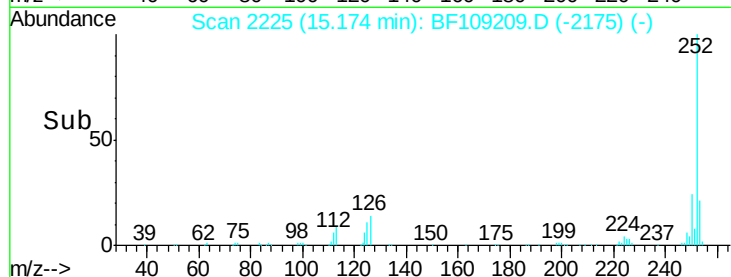
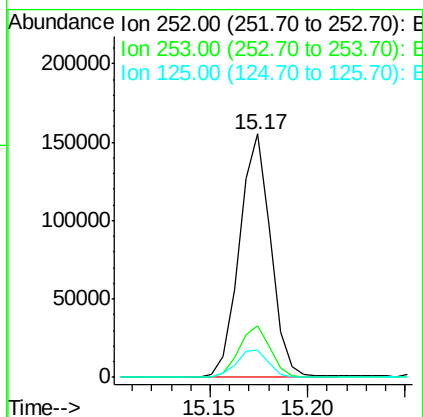
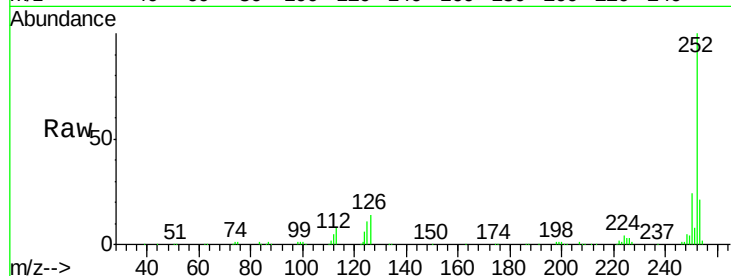




#89
Benzo(a)pyrene
Concen: 10.50 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BF109209.D
Acq: 22 Sep 2018 9:42

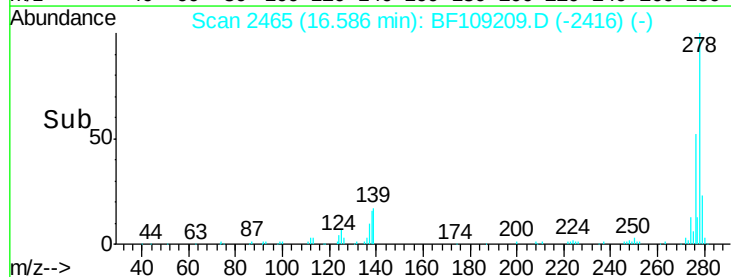
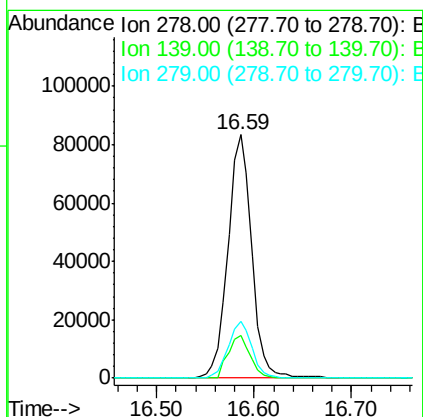
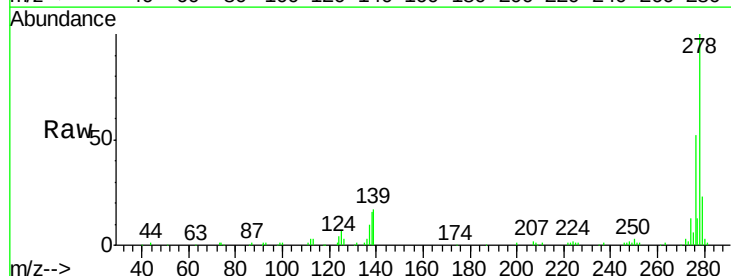
Instrument :
BNA_F
ClientSampleId :

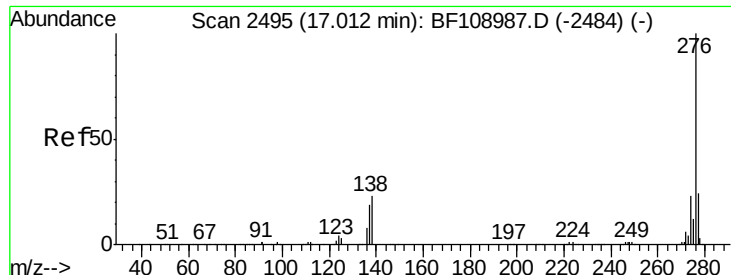
Tot Ion:252 Resp: 172816
Ion Ratio Lower Upper
252 100
253 21.3 17.1 25.7
125 11.3 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 10.19 ng
RT: 16.59 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BF109209.D
Acq: 22 Sep 2018 9:42

Tgt Ion:278 Resp: 140906
Ion Ratio Lower Upper
278 100
139 17.3 15.9 23.9
279 23.2 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 9.78 ng

RT: 16.97 min Scan# 2530

Delta R.T. -0.02 min

Lab File: BF109209.D

Acq: 22 Sep 2018 9:42

Instrument :

BNA_F

ClientSampleId :

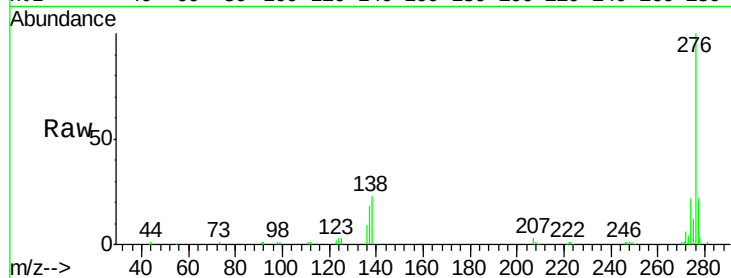
Tot Ion: 276 Resp: 135227

Ion Ratio Lower Upper

276 100

277 22.5 17.9 26.9

138 22.9 21.8 32.8



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

