

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
 Data File : BF108600.D
 Acq On : 29 Aug 2018 13:12
 Operator : JU/SJ
 Sample : PB112433BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 29 14:29:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	135254	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	506960	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	255806	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	500042	20.00	ng	0.00
75) Chrysene-d12	14.20	240	357409	20.00	ng	0.00
86) Perylene-d12	15.75	264	274933	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	726515	97.25	ng	0.01
7) Phenol-d6	6.64	99	1005954	101.33	ng	0.00
23) Nitrobenzene-d5	7.57	82	991233	109.11	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	298237	116.88	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1853345	116.32	ng	0.00
78) Terphenyl-d14	13.13	244	1781125	126.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.03	88	133331	34.733	ng	89
3) Pyridine	3.77	79	351917	35.588	ng	88
4) n-Nitrosodimethylamine	3.74	42	201406	36.197	ng	# 82
6) Aniline	6.67	93	389783	28.865	ng	# 83
8) 2-Chlorophenol	6.79	128	424270	50.424	ng	93
9) Benzaldehyde	6.56	77	236506	30.727	ng	98
10) Phenol	6.65	94	504559	49.134	ng	85
11) bis(2-Chloroethyl)ether	6.74	93	365374	44.010	ng	96
12) 1,3-Dichlorobenzene	6.94	146	468642	48.170	ng	100
13) 1,4-Dichlorobenzene	7.02	146	500641	51.218	ng	98
14) 1,2-Dichlorobenzene	7.17	146	443546	48.783	ng	98
15) Benzyl Alcohol	7.15	79	357448	42.770	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.27	45	739449	43.236	ng	81
17) 2-Methylphenol	7.25	107	355841	49.316	ng	# 87
18) Hexachloroethane	7.51	117	171007	49.140	ng	90
19) n-Nitroso-di-n-propylamine	7.41	70	316644	47.166	ng	90
20) 3+4-Methylphenols	7.41	107	453674	49.064	ng	# 60
22) Acetophenone	7.41	105	614471	51.836	ng	# 87
24) Nitrobenzene	7.59	77	467776	50.917	ng	97
25) Isophorone	7.82	82	872932	50.410	ng	96
26) 2-Nitrophenol	7.90	139	214454	61.813	ng	91
27) 2,4-Dimethylphenol	7.93	122	390357	50.791	ng	96
28) bis(2-Chloroethoxy)methane	8.02	93	517924	51.234	ng	99
29) 2,4-Dichlorophenol	8.14	162	382101	54.024	ng	99
30) 1,2,4-Trichlorobenzene	8.22	180	410305	52.617	ng	98
31) Naphthalene	8.31	128	1259188	54.616	ng	100
32) Benzoic acid	8.08	122	172356	39.810	ng	92
33) 4-Chloroaniline	8.36	127	158322	15.757	ng	98
34) Hexachlorobutadiene	8.41	225	267285	54.144	ng	97
35) Caprolactam	8.78	113	32005	14.440	ng	90
36) 4-Chloro-3-methylphenol	8.84	107	401677	52.645	ng	96
37) 2-Methylnaphthalene	9.00	142	853069	52.297	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	441737	56.233	ng	98
40) Hexachlorocyclopentadiene	9.14	237	439651	86.648	ng	98

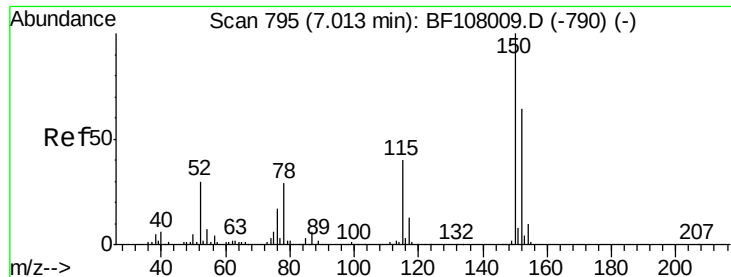
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	266730	54.717	ng	99
43) 2,4,5-Trichlorophenol	9.32	196	295738	55.111	ng	96
45) 1,1'-Biphenyl	9.46	154	1046618	55.492	ng	99
46) 2-Chloronaphthalene	9.50	162	801901	53.795	ng	98
47) 2-Nitroaniline	9.60	65	265466	55.039	ng	89
48) Acenaphthylene	9.91	152	1258704	53.411	ng	99
49) Dimethylphthalate	9.76	163	943376	52.942	ng	99
50) 2,6-Dinitrotoluene	9.83	165	205726	55.183	ng	# 89
51) Acenaphthene	10.08	154	713699	49.445	ng	99
52) 3-Nitroaniline	10.01	138	109997	26.967	ng	90
53) 2,4-Dinitrophenol	10.12	184	115533	82.561	ng	# 27
54) Dibenzofuran	10.25	168	1088737	52.062	ng	95
55) 4-Nitrophenol	10.18	139	258573	83.712	ng	# 82
56) 2,4-Dinitrotoluene	10.24	165	265284	55.282	ng	# 93
57) Fluorene	10.60	166	885532	53.492	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.38	232	256803	57.255	ng	# 83
59) Diethylphthalate	10.46	149	901060	52.221	ng	96
60) 4-Chlorophenyl-phenylether	10.58	204	453987	52.630	ng	94
61) 4-Nitroaniline	10.64	138	186201	46.172	ng	91
62) Azobenzene	10.75	77	905270	50.802	ng	93
64) 4,6-Dinitro-2-methylphenol	10.65	198	91207	48.518	ng	91
65) n-Nitrosodiphenylamine	10.71	169	788212	53.342	ng	97
66) 4-Bromophenyl-phenylether	11.08	248	295231	54.329	ng	# 87
67) Hexachlorobenzene	11.15	284	309175	54.074	ng	# 88
68) Atrazine	11.23	200	270921	54.663	ng	97
69) Pentachlorophenol	11.35	266	266792	97.488	ng	98
70) Phenanthrene	11.57	178	1270735	53.878	ng	99
71) Anthracene	11.62	178	1315047	54.401	ng	99
72) Carbazole	11.78	167	1138587	53.014	ng	99
73) Di-n-butylphthalate	12.08	149	1365697	56.139	ng	99
74) Fluoranthene	12.77	202	1371088	53.266	ng	95
76) Benzidine	12.88	184	490956	36.766	ng	98
77) Pyrene	13.00	202	1362043	60.194	ng	100
79) Butylbenzylphthalate	13.59	149	556956	61.987	ng	# 97
80) Benzo(a)anthracene	14.19	228	1115949	54.406	ng	99
81) 3,3'-Dichlorobenzidine	14.15	252	171022	23.266	ng	# 94
82) Chrysene	14.23	228	1032446	54.903	ng	99
83) Bis(2-ethylhexyl)phthalate	14.14	149	726535	59.711	ng	99
84) Di-n-octyl phthalate	14.77	149	1108671	59.746	ng	97
85) Indeno(1,2,3-cd)pyrene	17.38	276	864923	53.083	ng	# 89
87) Benzo(b)fluoranthene	15.29	252	871933	53.075	ng	# 96
88) Benzo(k)fluoranthene	15.32	252	848599	56.192	ng	# 96
89) Benzo(a)pyrene	15.69	252	802184	54.529	ng	# 97
90) Dibenzo(a,h)anthracene	17.39	278	729427	59.926	ng	# 92
91) Benzo(g,h,i)perylene	17.88	276	731988	61.072	ng	# 89

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

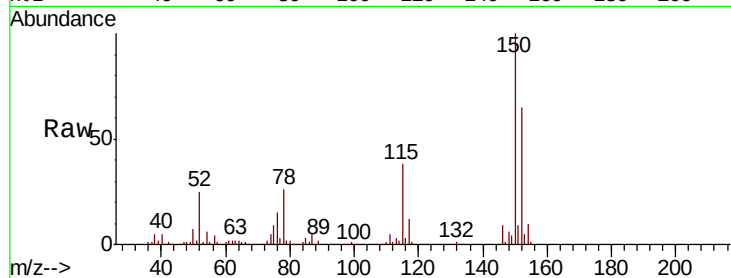


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.6	186.8
115	58.9	50.1	75.1

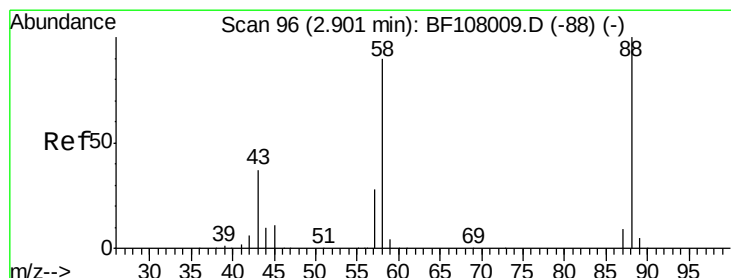
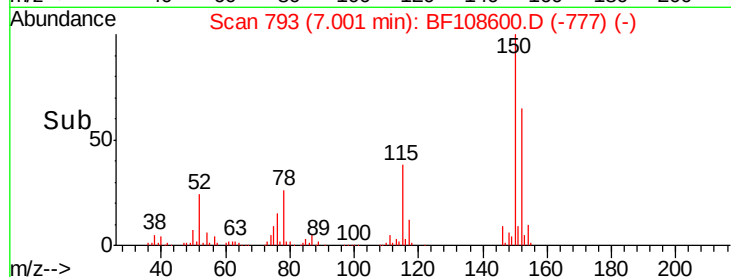
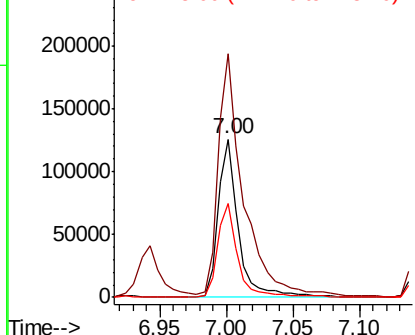


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

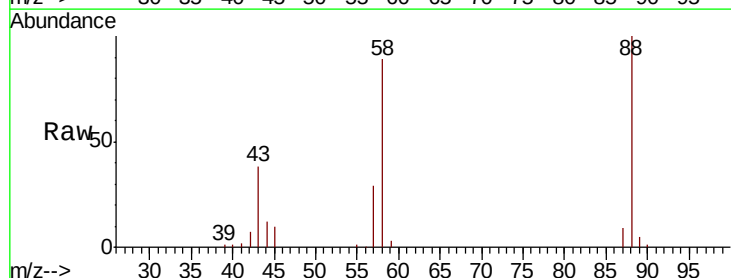
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.733 ng
RT: 3.03 min Scan# 117
Delta R.T. 0.15 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.2	62.6	93.8
43	35.2	24.6	37.0

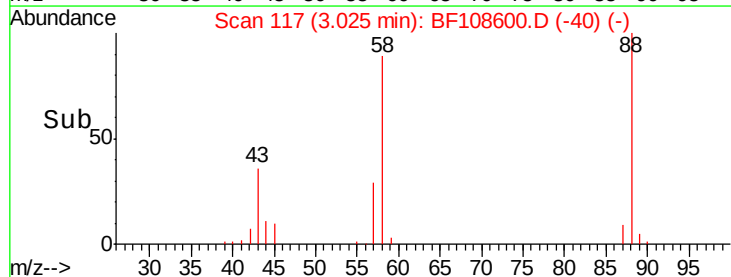
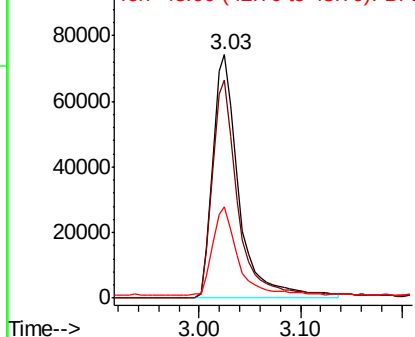


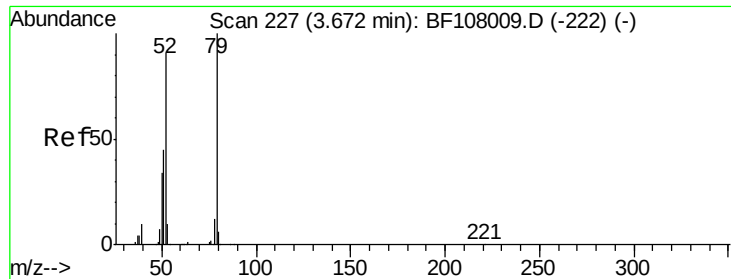
Abundance

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: 35.588 ng

RT: 3.77 min Scan# 244

Delta R.T. 0.11 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

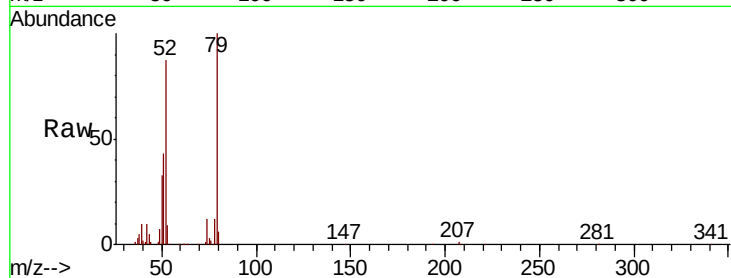
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 351917

Ion	Ratio	Lower	Upper
79	100		
52	86.6	59.8	89.6
51	42.8	29.8	44.8

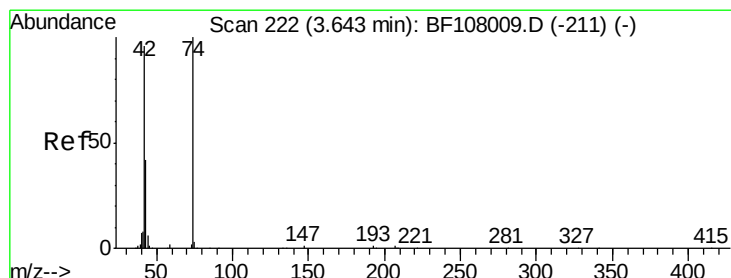
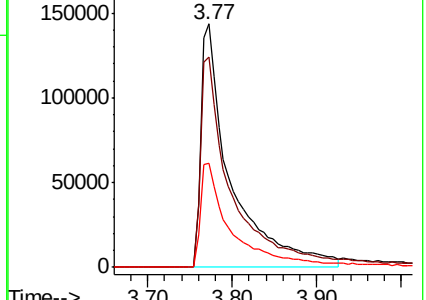
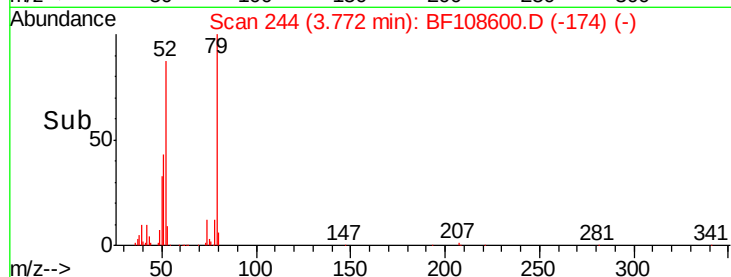


Abundance

Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.197 ng

RT: 3.74 min Scan# 239

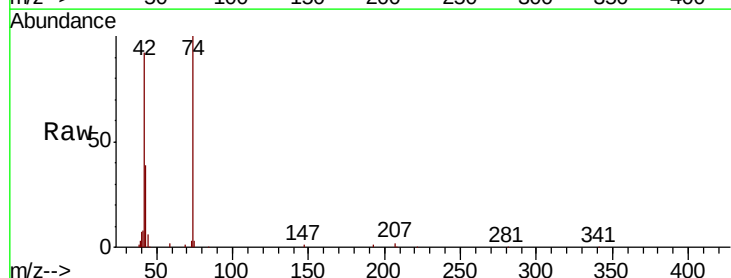
Delta R.T. 0.11 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Tgt Ion: 42 Resp: 201406

Ion	Ratio	Lower	Upper
42	100		
74	108.7	104.9	157.3
44	6.4	6.9	10.3

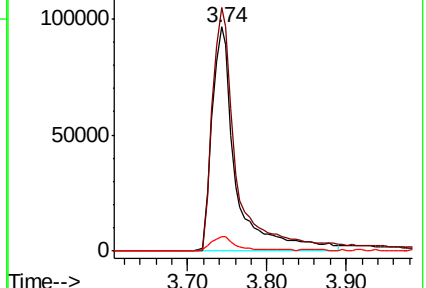
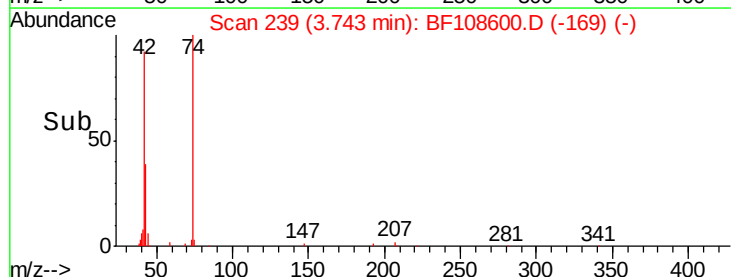


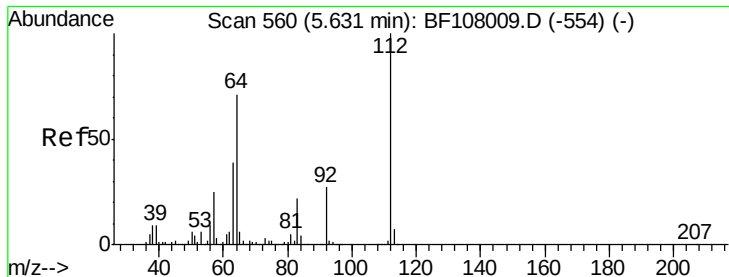
Abundance

Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 97.248 ng

RT: 5.64 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Instrument :

BNA_F

ClientSampleId :

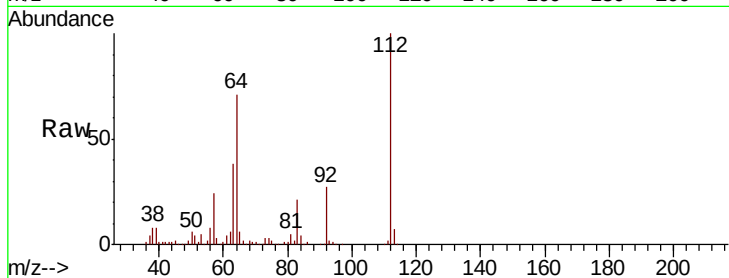
Tot Ion:112 Resp: 726515

Ion Ratio Lower Upper

112 100

64 71.2 47.9 71.9

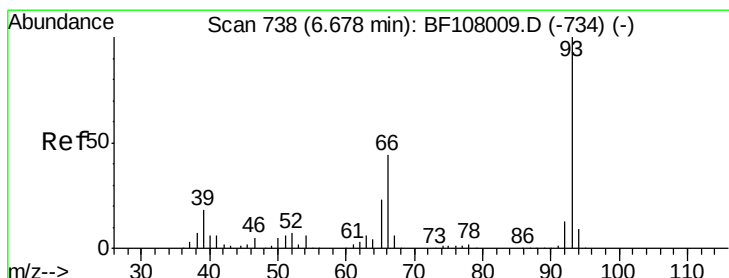
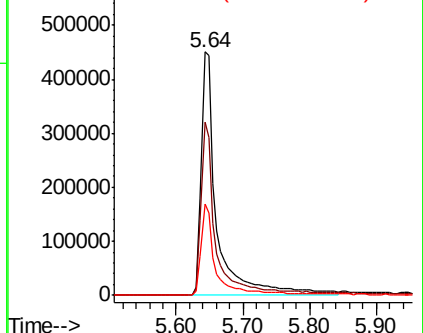
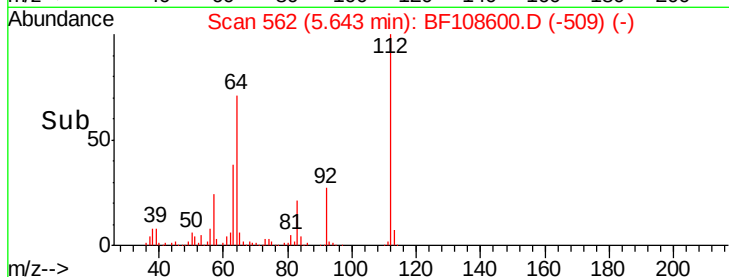
63 37.6 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.865 ng

RT: 6.67 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

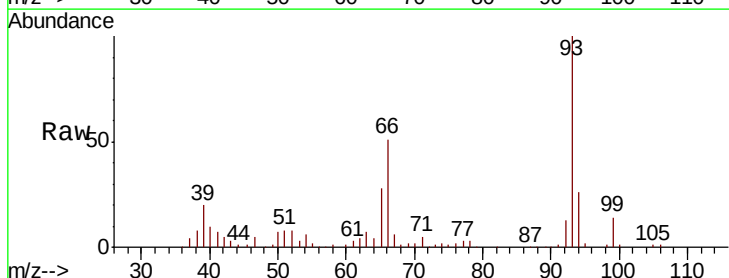
Tgt Ion: 93 Resp: 389783

Ion Ratio Lower Upper

93 100

66 51.2 32.2 48.2#

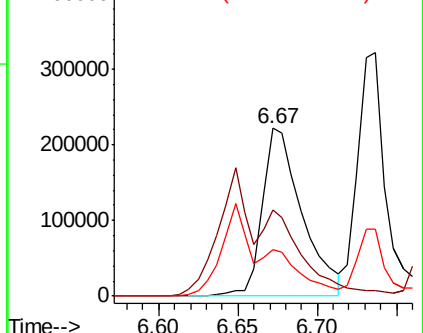
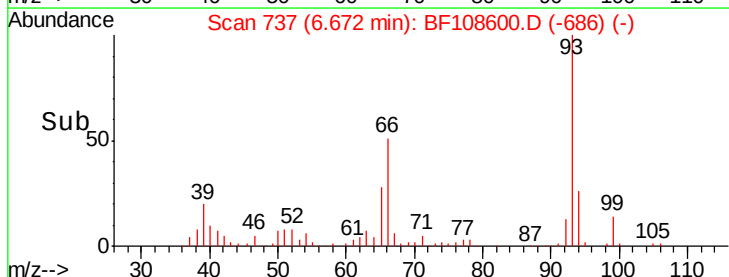
65 27.9 16.4 24.6#

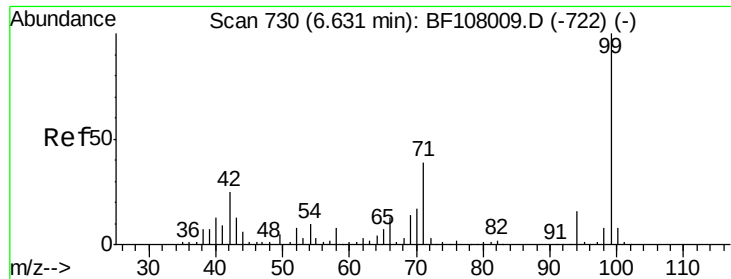


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 101.329 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

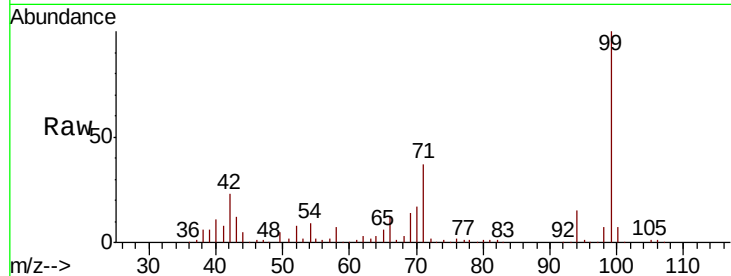
Instrument :

BNA_F

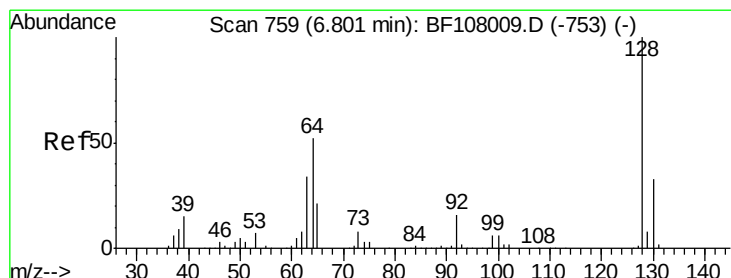
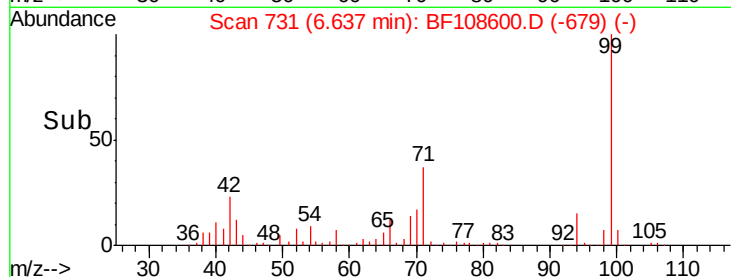
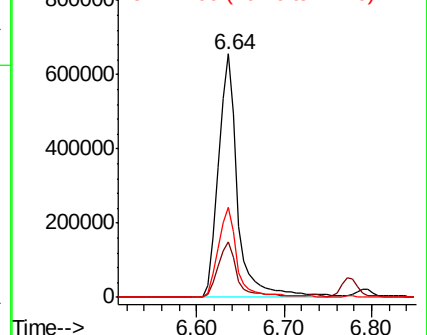
ClientSampleId :

Tot Ion: 99 Resp: 1005954

Ion	Ratio	Lower	Upper
99	100		
42	22.7	14.5	21.7#
71	37.1	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: 50.424 ng

RT: 6.79 min Scan# 757

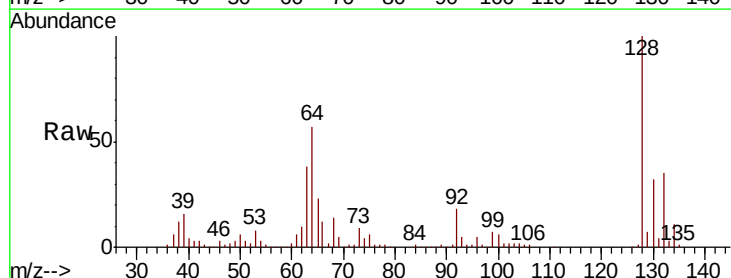
Delta R.T. -0.01 min

Lab File: BF108600.D

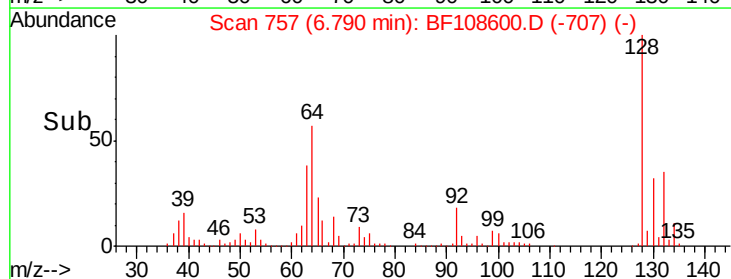
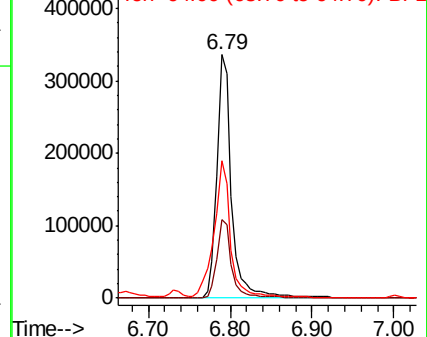
Acq: 29 Aug 2018 13:12

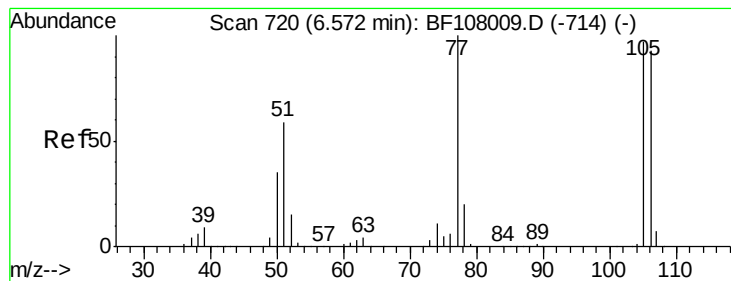
Tgt Ion: 128 Resp: 424270

Ion	Ratio	Lower	Upper
128	100		
130	32.0	13.0	53.0
64	56.5	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: 30.727 ng

RT: 6.56 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Instrument :

BNA_F

ClientSampleId :

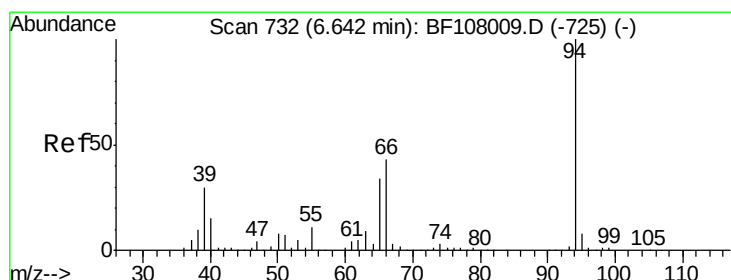
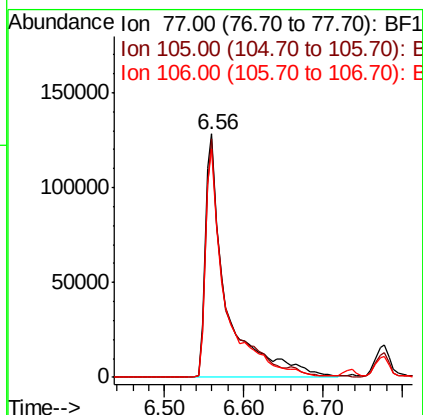
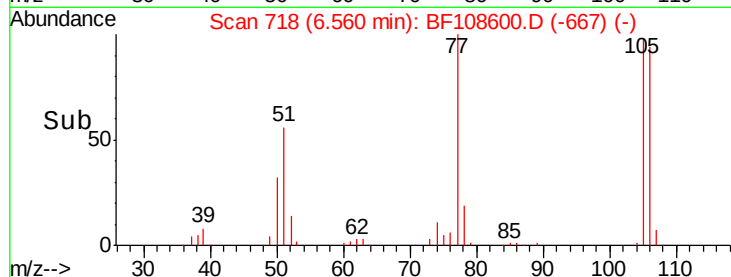
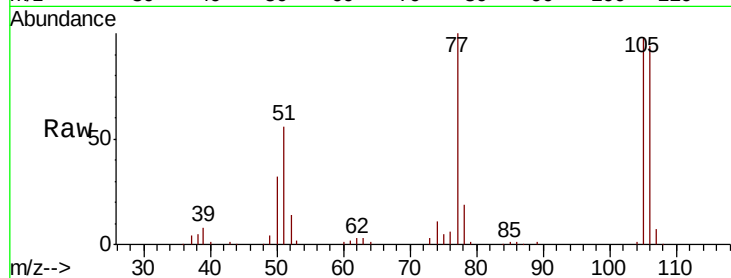
Tot Ion: 77 Resp: 236506

Ion Ratio Lower Upper

77 100

105 98.1 81.1 121.1

106 93.9 74.5 114.5



#10

Phenol

Concen: 49.134 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

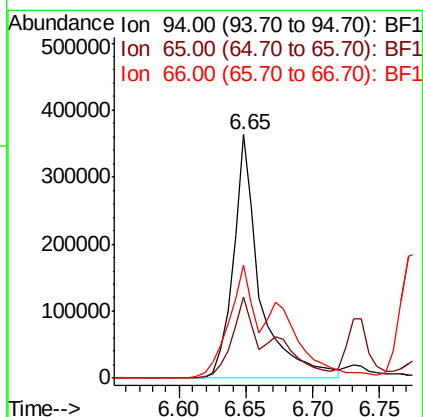
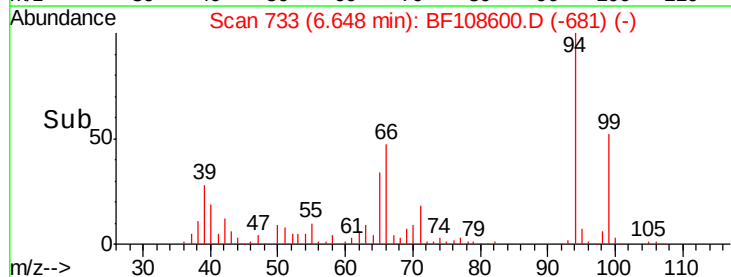
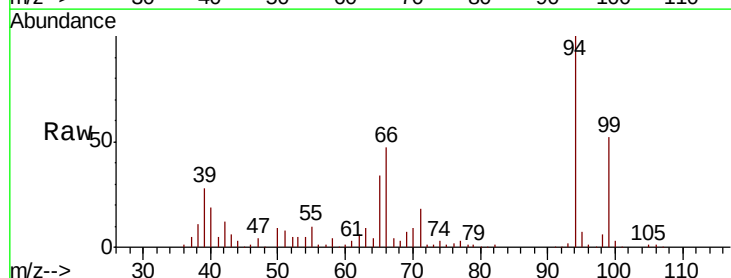
Tgt Ion: 94 Resp: 504559

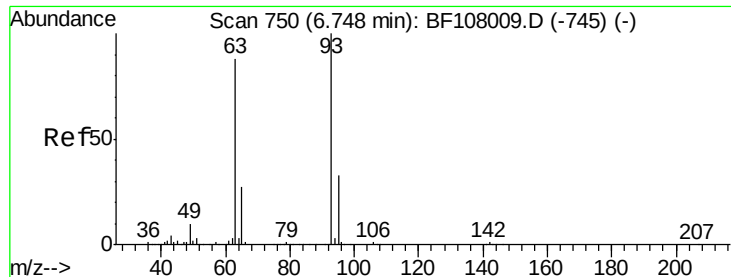
Ion Ratio Lower Upper

94 100

65 33.5 7.9 47.9

66 46.7 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 44.010 ng

RT: 6.74 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Instrument :

BNA_F

ClientSampleId :

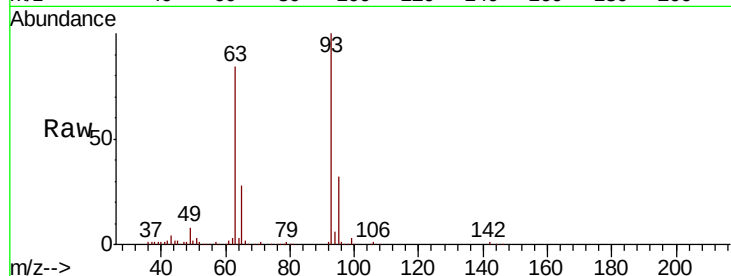
Tot Ion: 93 Resp: 365374

Ion Ratio Lower Upper

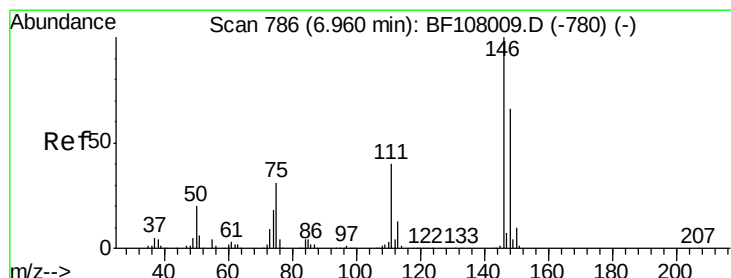
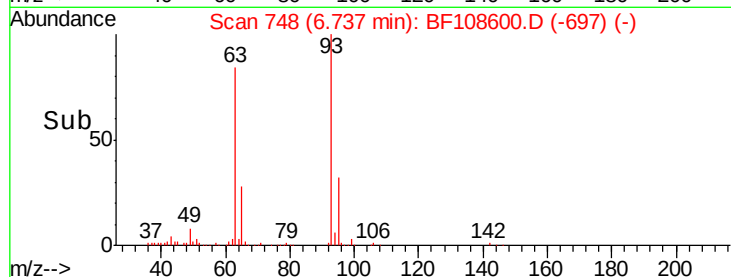
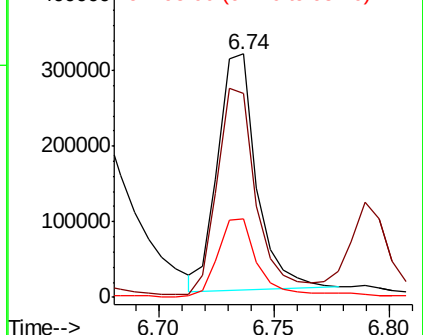
93 100

63 83.7 58.6 98.6

95 32.2 11.8 51.8



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



#12

1,3-Dichlorobenzene

Concen: 48.170 ng

RT: 6.94 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

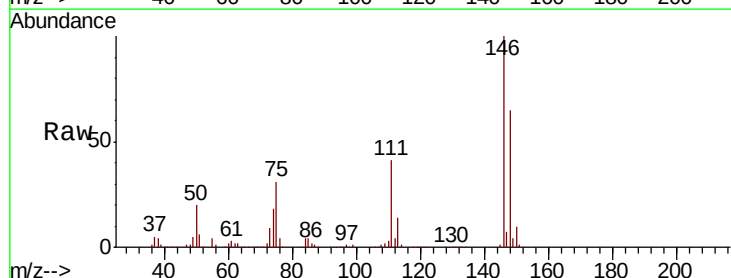
Tgt Ion: 146 Resp: 468642

Ion Ratio Lower Upper

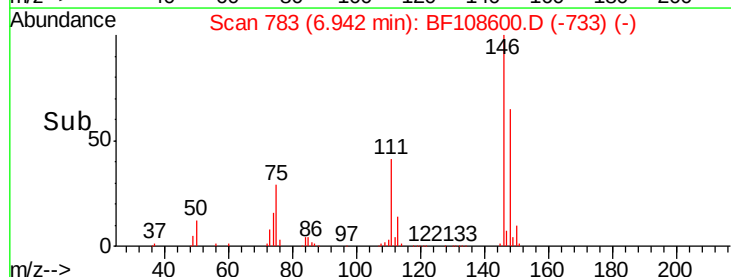
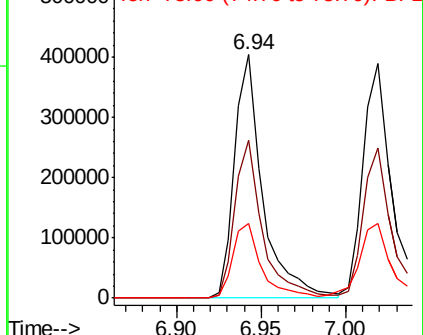
146 100

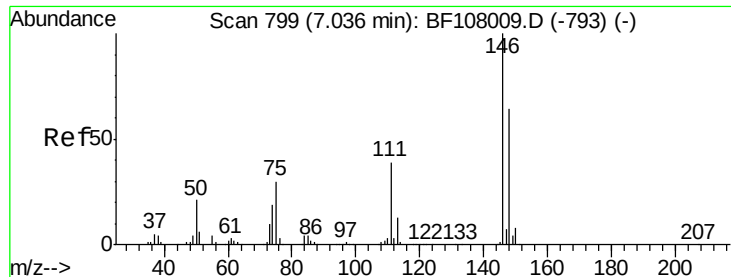
148 64.8 51.8 77.8

75 30.6 24.2 36.4



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

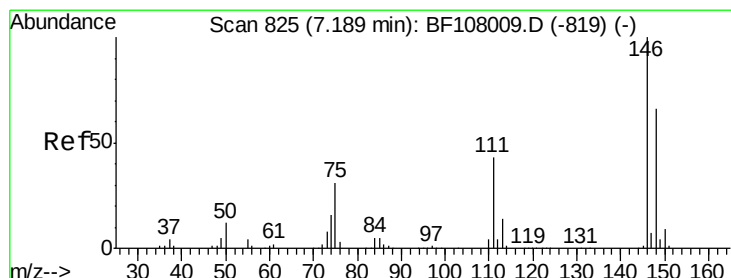
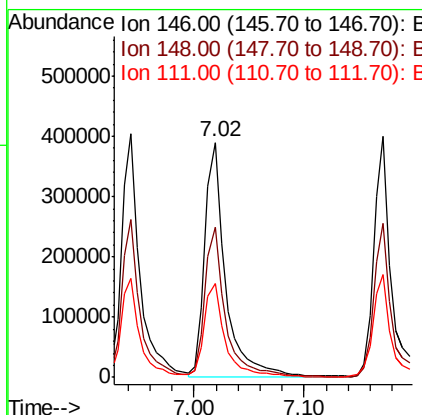
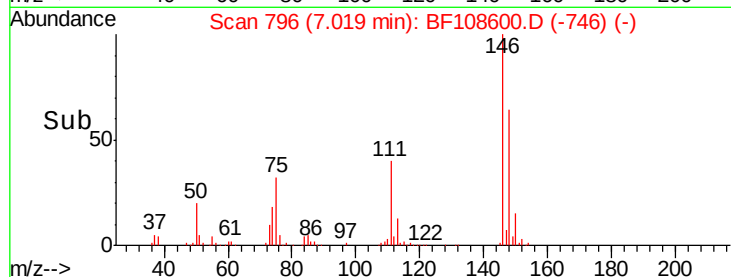
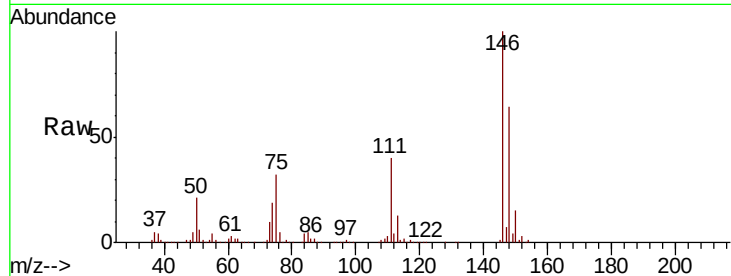




#13
 1,4-Dichlorobenzene
 Concen: 51.218 ng
 RT: 7.02 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

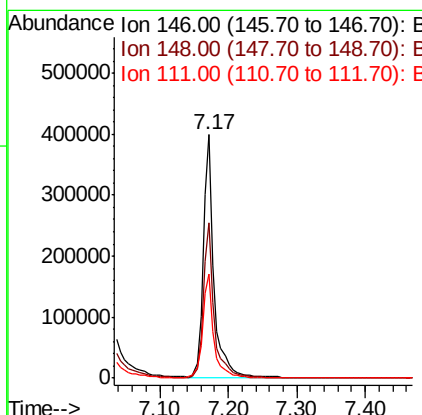
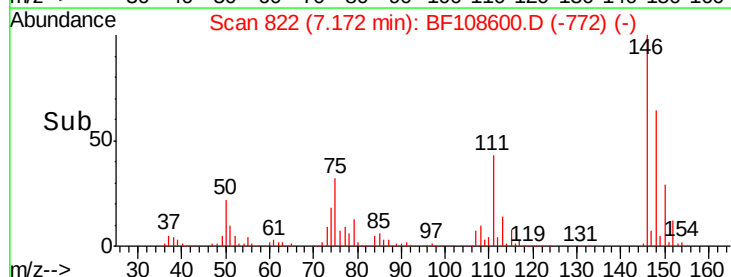
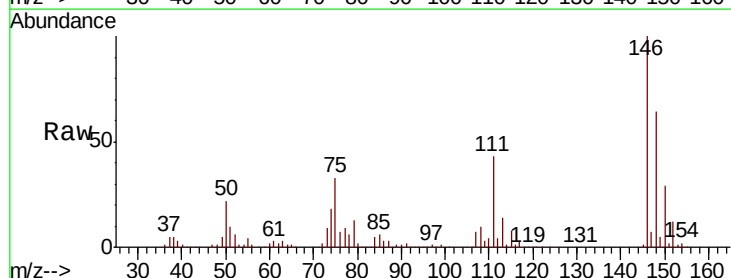
Instrument :
 BNA_F
 ClientSampled :

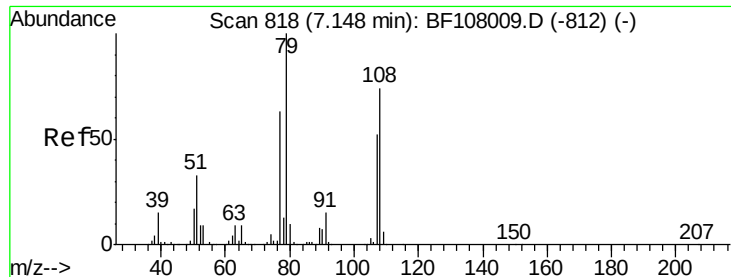
Tot Ion:146 Resp: 500641
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.8 76.2
 111 39.9 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 48.783 ng
 RT: 7.17 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

Tgt Ion:146 Resp: 443546
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.6 75.8
 111 42.6 36.0 54.0





#15

Benzyl Alcohol

Concen: 42.770 ng

RT: 7.15 min Scan# 818

Delta R.T. 0.01 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Instrument :

BNA_F

ClientSampleId :

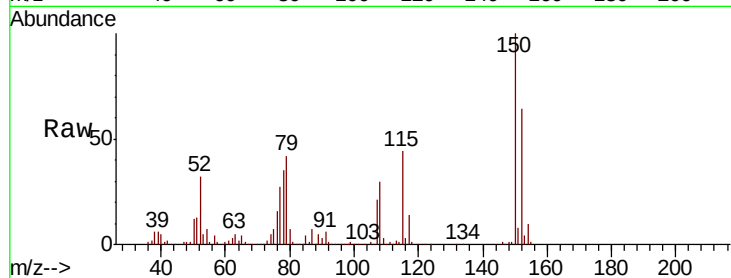
Tot Ion: 79 Resp: 357448

Ion Ratio Lower Upper

79 100

108 71.4 65.1 97.7

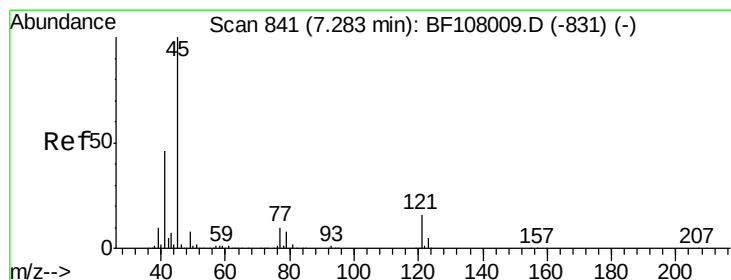
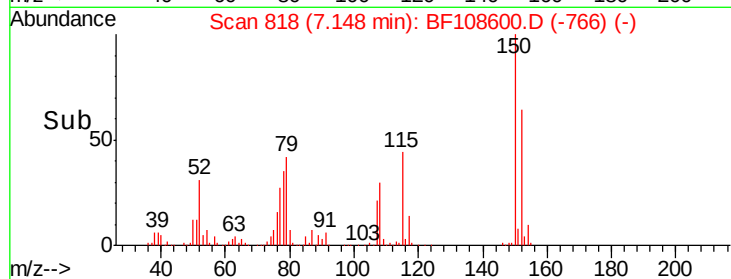
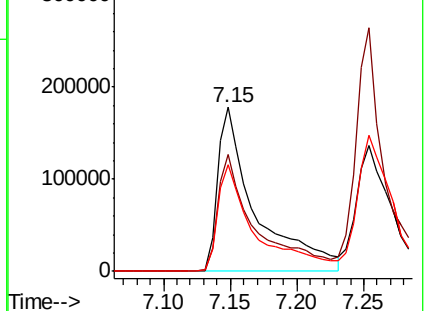
77 65.0 50.6 75.8



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: 43.236 ng

RT: 7.27 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

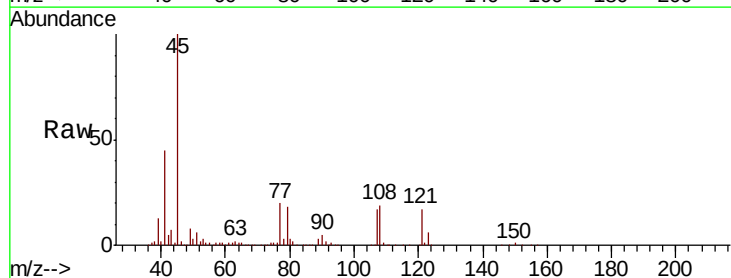
Tgt Ion: 45 Resp: 739449

Ion Ratio Lower Upper

45 100

77 20.0 0.0 32.9

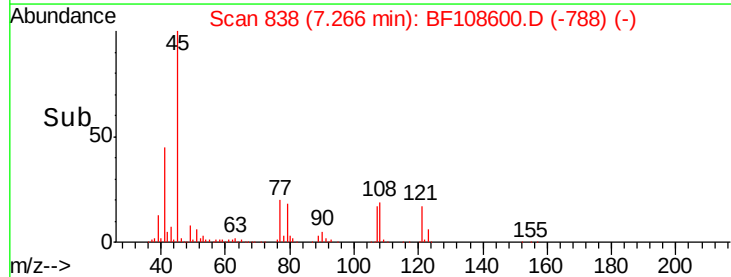
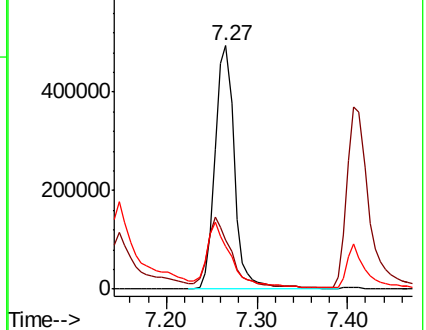
79 17.6 0.0 29.6

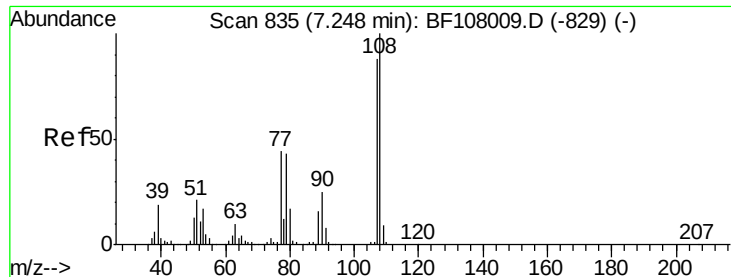


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 49.316 ng

RT: 7.25 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 355841

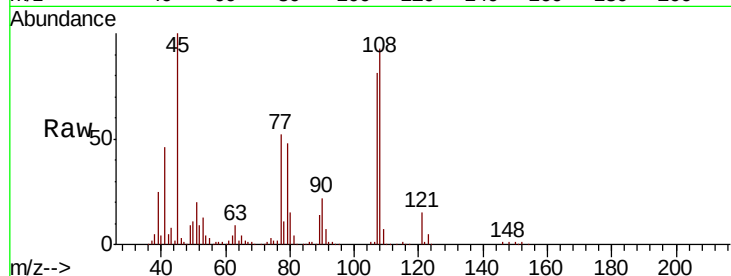
Ion Ratio Lower Upper

107 100

108 114.1 91.7 137.5

77 63.5 33.8 50.8#

79 58.9 33.8 50.8#

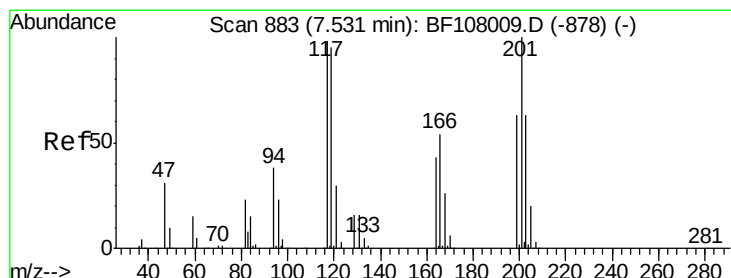
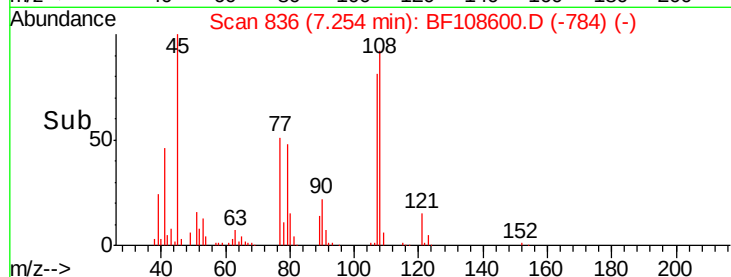
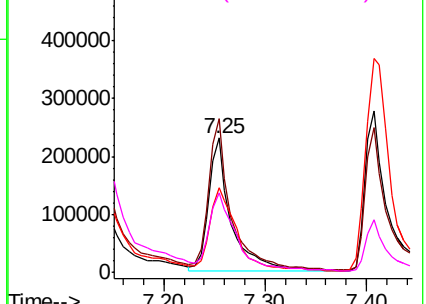


Abundance Ion 107.00 (106.70 to 107.70): E

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: 49.140 ng

RT: 7.51 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

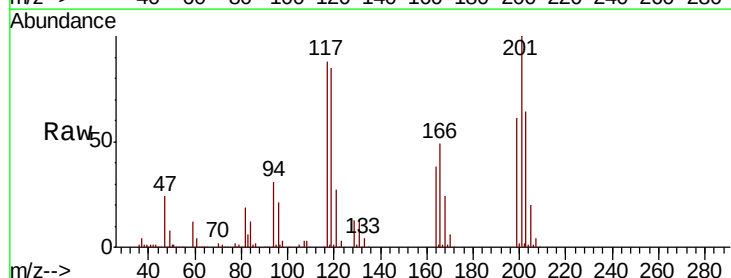
Tgt Ion:117 Resp: 171007

Ion Ratio Lower Upper

117 100

119 96.4 75.8 113.8

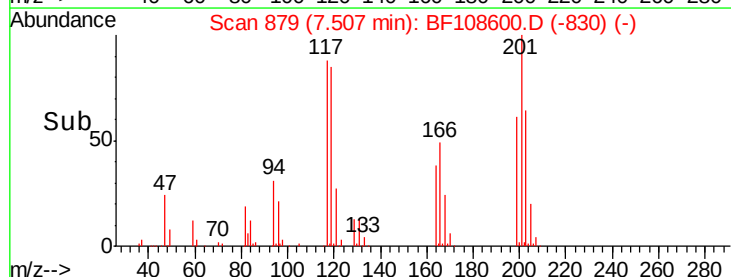
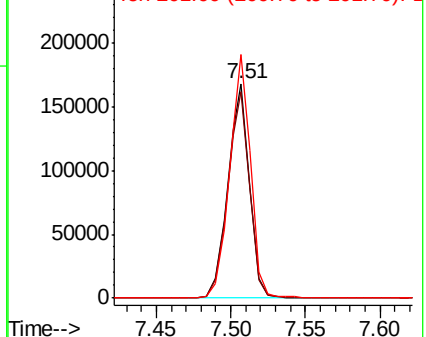
201 113.4 75.7 113.5

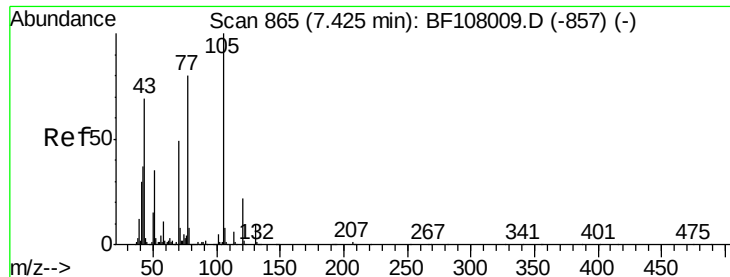


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

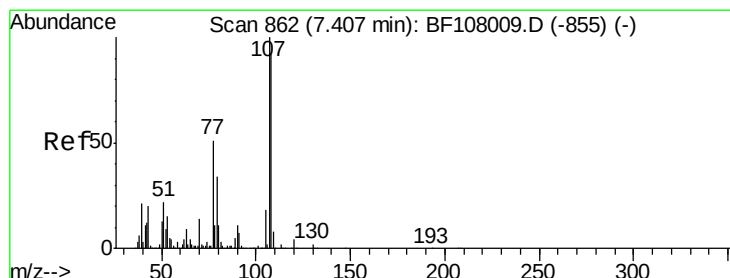
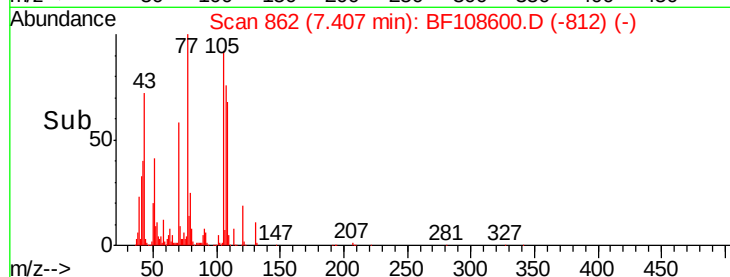
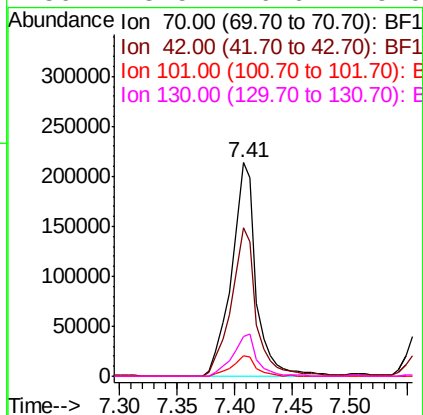
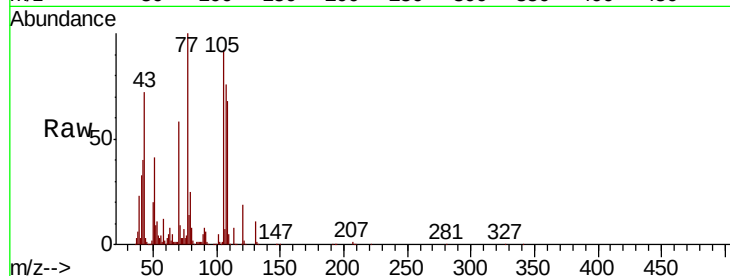




#19
n-Nitroso-di-n-propylamine
Concen: 47.166 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

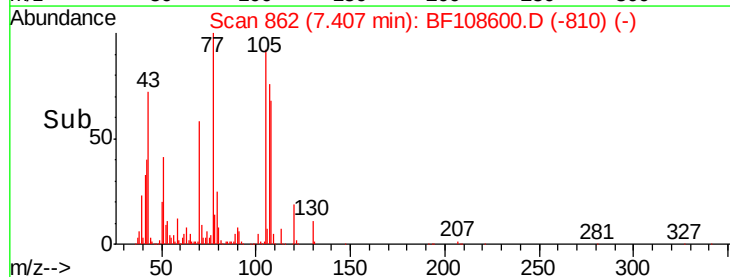
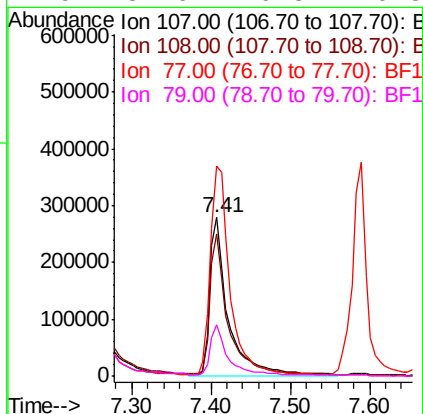
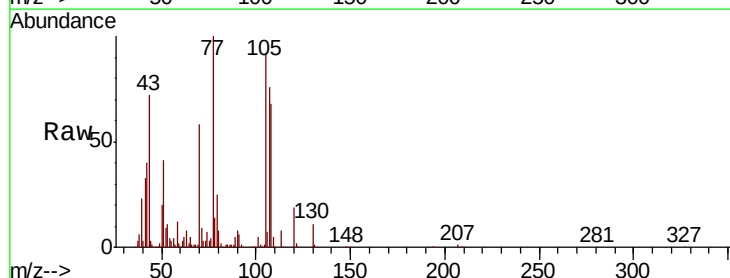
Instrument :
BNA_F
ClientSampleId :

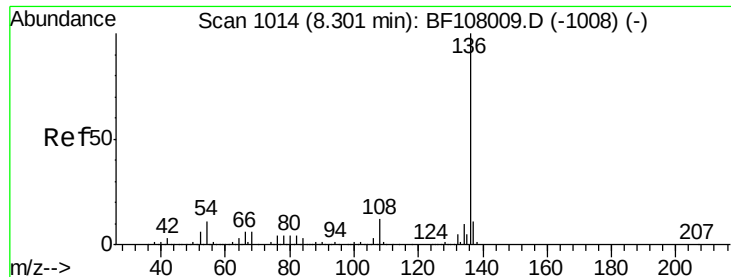
Tot Ion: 70 Resp: 316644
Ion Ratio Lower Upper
70 100
42 69.3 47.5 71.3
101 9.3 7.4 11.2
130 18.5 16.6 25.0



#20
3+4-Methylphenols
Concen: 49.064 ng
RT: 7.41 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Tgt Ion:107 Resp: 453674
Ion Ratio Lower Upper
107 100
108 89.8 68.2 108.2
77 132.3 26.7 66.7#
79 32.6 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108600.D

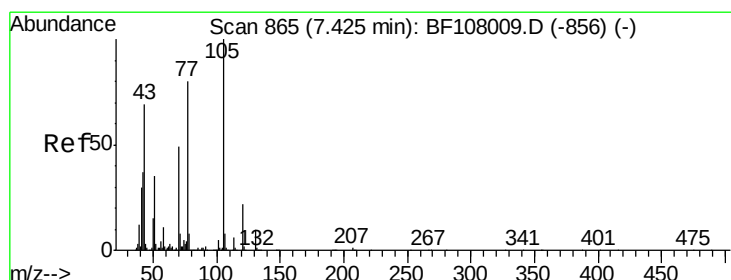
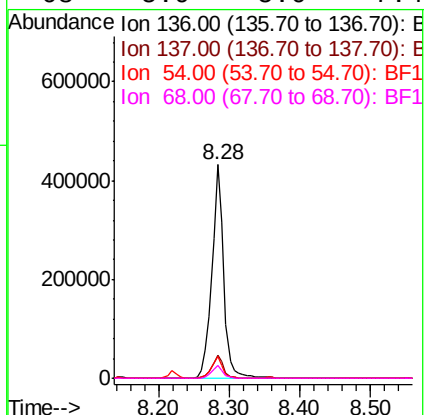
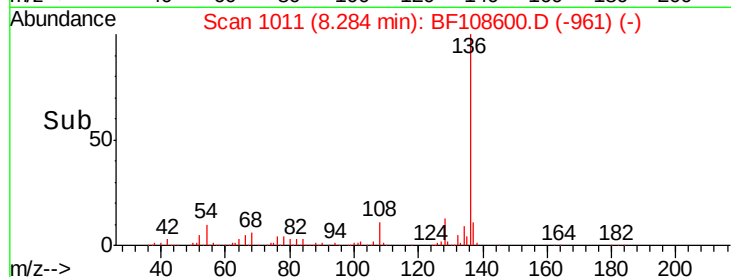
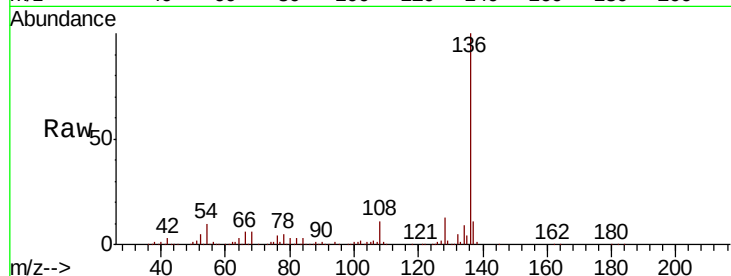
Acq: 29 Aug 2018 13:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	506960
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	10.0	6.6 9.8#
68	5.9	5.0 7.4



#22

Acetophenone

Concen: 51.836 ng

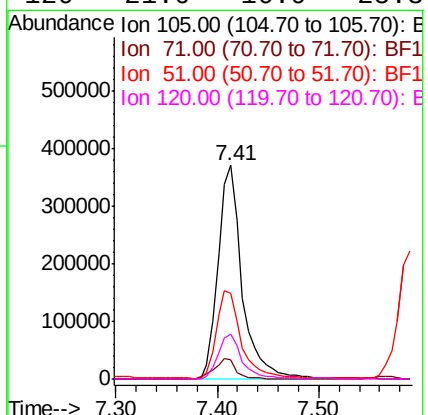
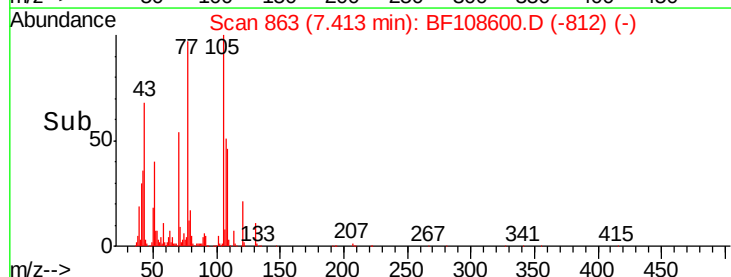
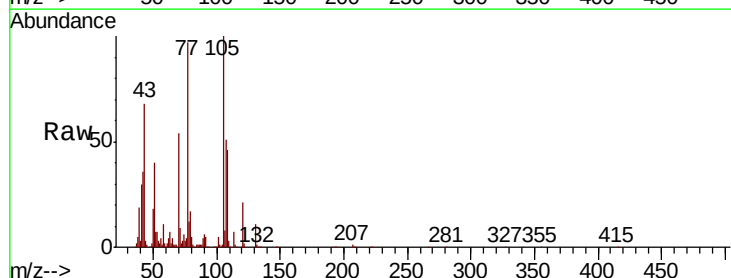
RT: 7.41 min Scan# 863

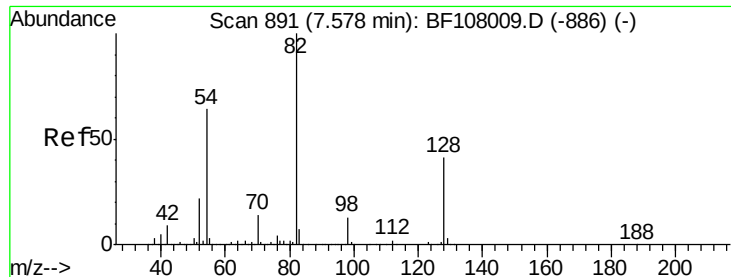
Delta R.T. -0.00 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Tgt Ion:105	Resp:	614471
Ion Ratio	Lower	Upper
105	100	
71	8.8	4.4 6.6#
51	40.0	22.3 33.5#
120	21.0	16.9 25.3

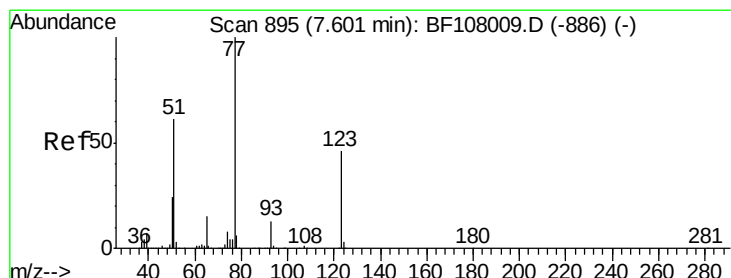
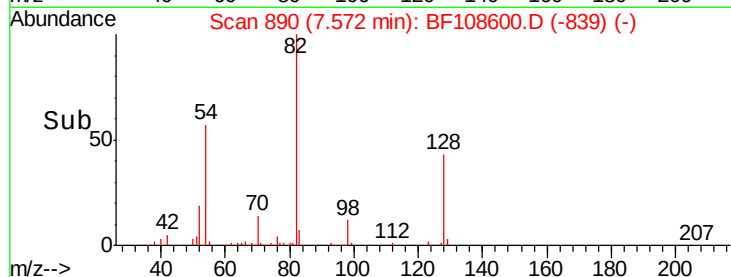
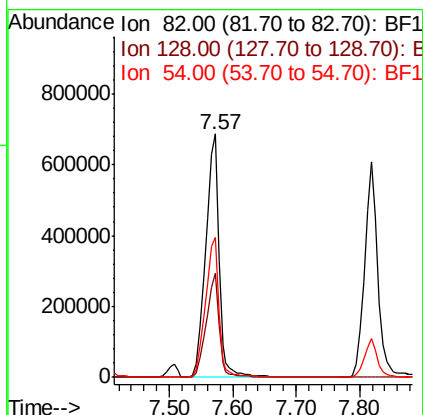
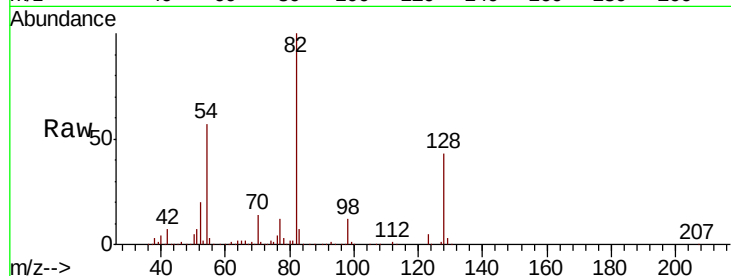




#23
 Nitrobenzene-d5
 Concen: 109.106 ng
 RT: 7.57 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

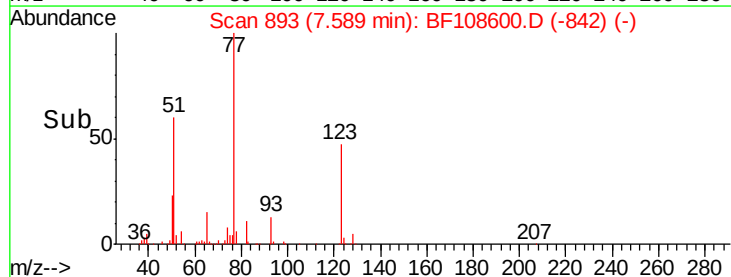
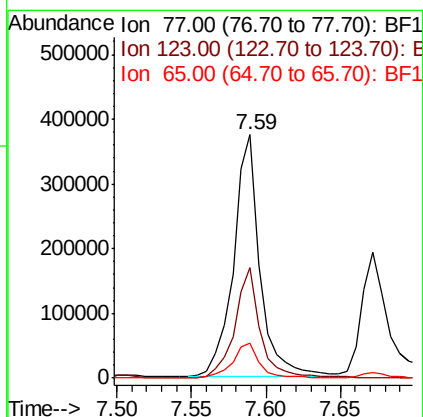
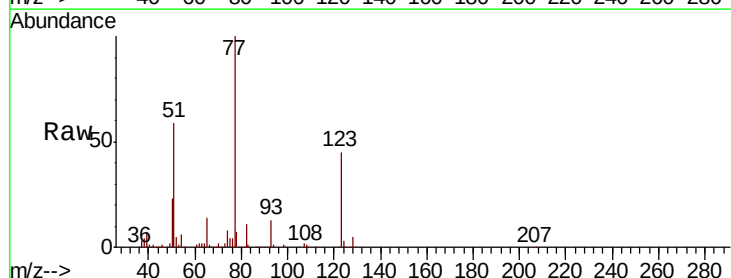
Instrument :
 BNA_F
 ClientSampled :

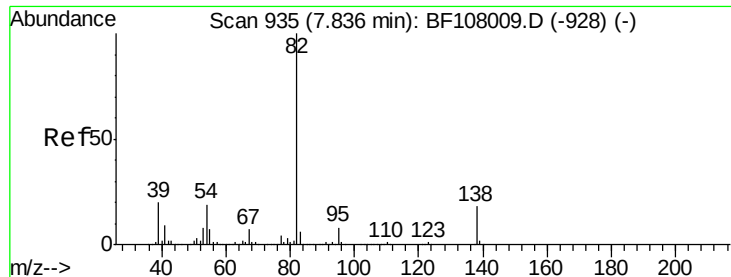
Tot Ion	82	Resp	991233
Ion Ratio	Lower	Upper	
82	100		
128	43.0	36.1	54.1
54	57.4	41.4	62.2



#24
 Nitrobenzene
 Concen: 50.917 ng
 RT: 7.59 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

Tgt Ion	77	Resp	467776
Ion Ratio	Lower	Upper	
77	100		
123	45.1	37.9	56.9
65	14.3	11.0	16.4





#25

Isophorone

Concen: 50.410 ng

RT: 7.82 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Instrument :

BNA_F

ClientSampleId :

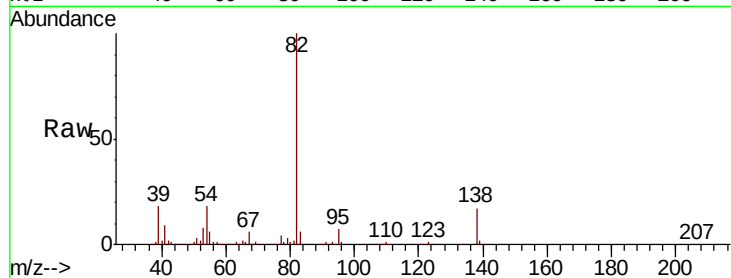
Tot Ion: 82 Resp: 872932

Ion Ratio Lower Upper

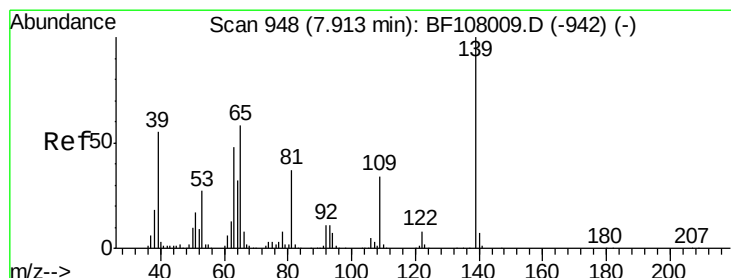
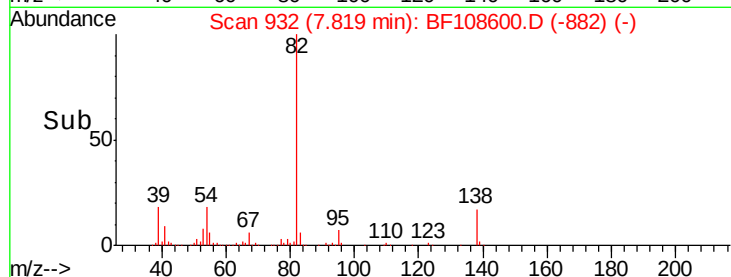
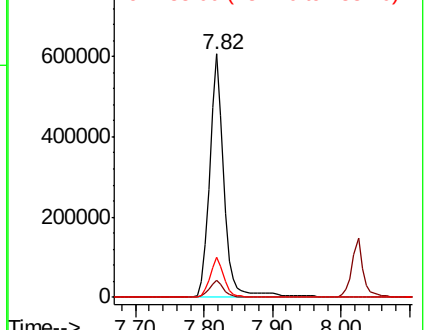
82 100

95 7.1 5.2 7.8

138 16.7 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 61.813 ng

RT: 7.90 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

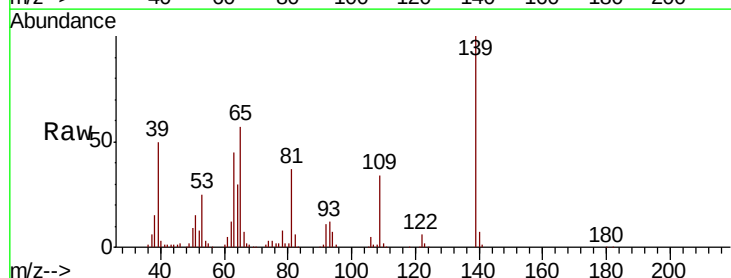
Tgt Ion: 139 Resp: 214454

Ion Ratio Lower Upper

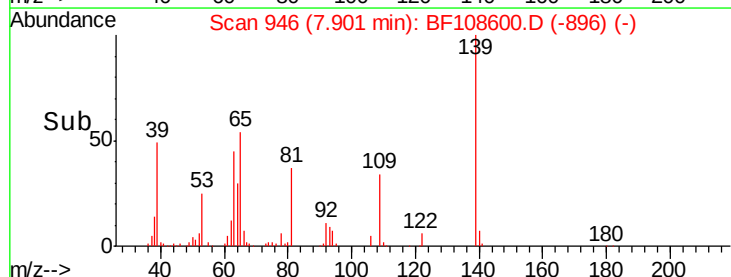
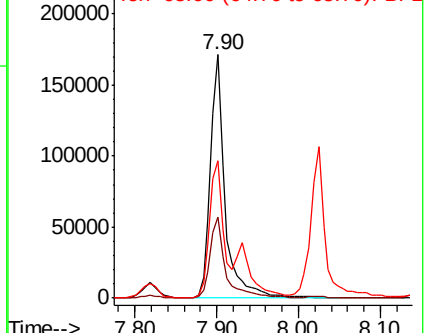
139 100

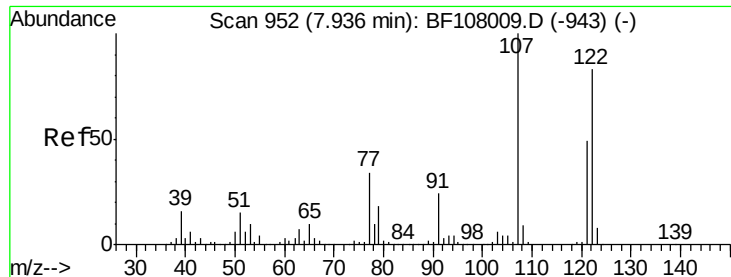
109 33.5 22.7 34.1

65 56.6 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 50.791 ng

RT: 7.93 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Instrument :

BNA_F

ClientSampled :

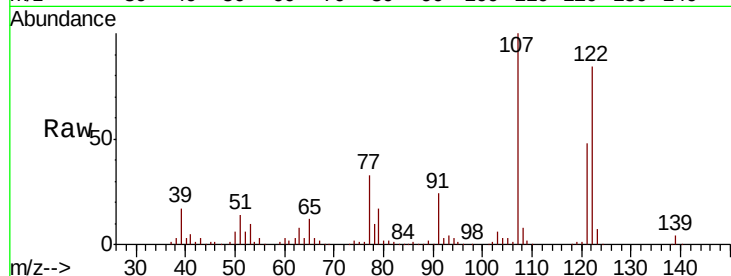
Tot Ion:122 Resp: 390357

Ion Ratio Lower Upper

122 100

107 118.8 91.2 136.8

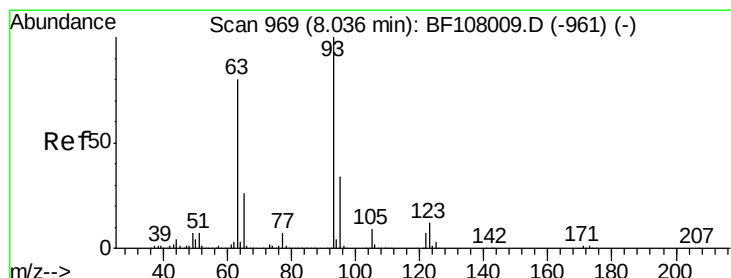
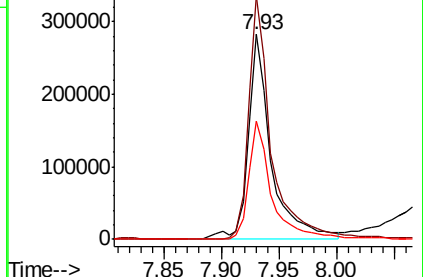
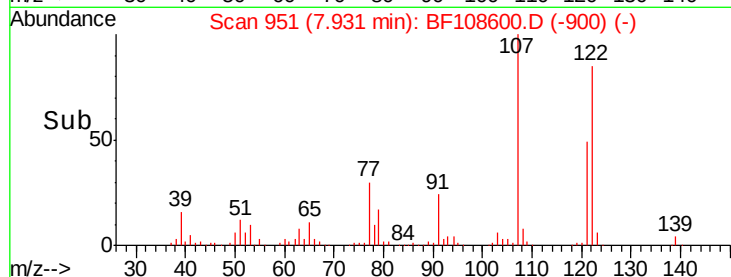
121 57.4 47.2 70.8



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: 51.234 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

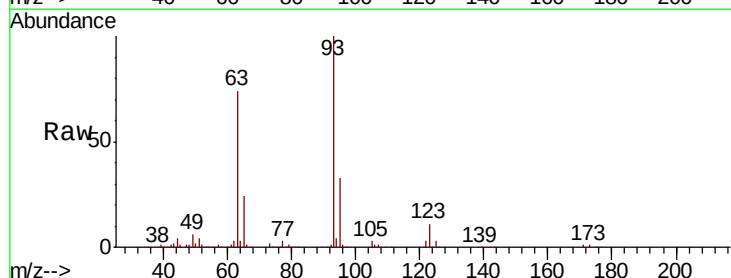
Tgt Ion: 93 Resp: 517924

Ion Ratio Lower Upper

93 100

95 33.2 26.3 39.5

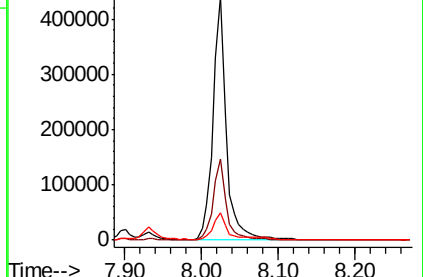
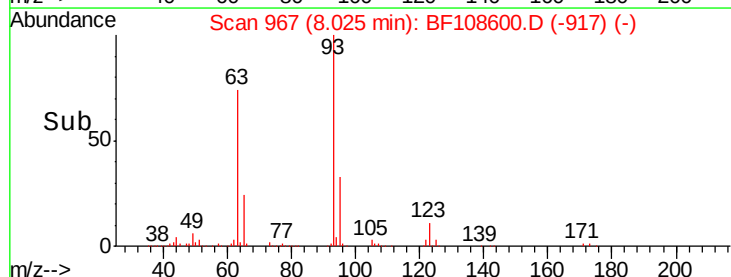
123 11.2 9.8 14.6

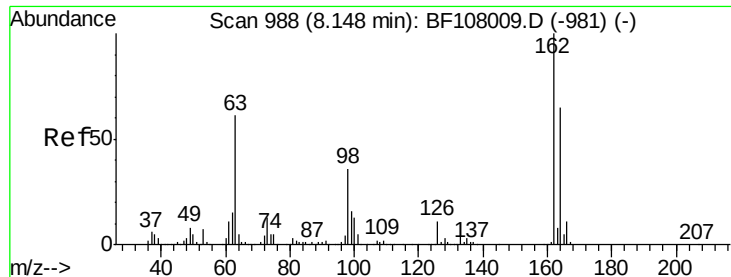


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

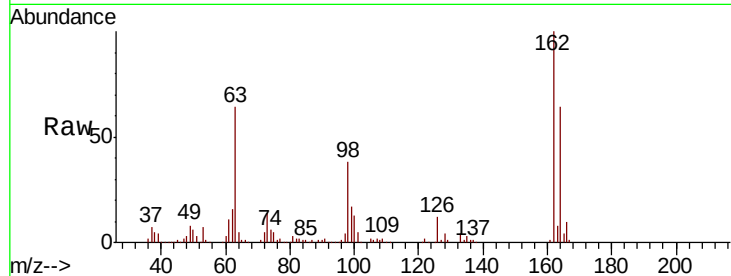




#29
2,4-Dichlorophenol
Concen: 54.024 ng
RT: 8.14 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	42.7	82.7
98	37.5	18.1	58.1

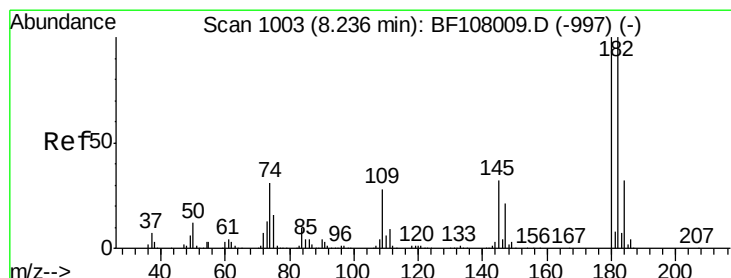
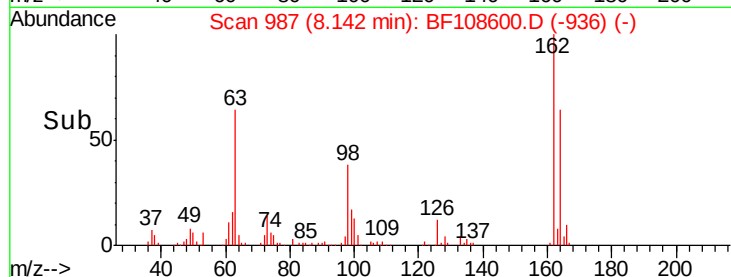
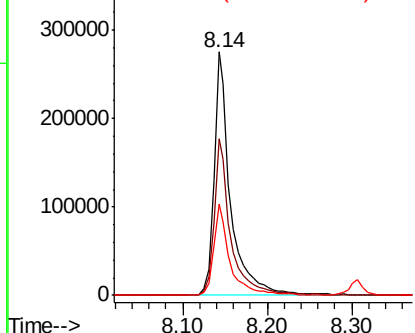


Abundance

Ion 162.00 (161.70 to 162.70): E

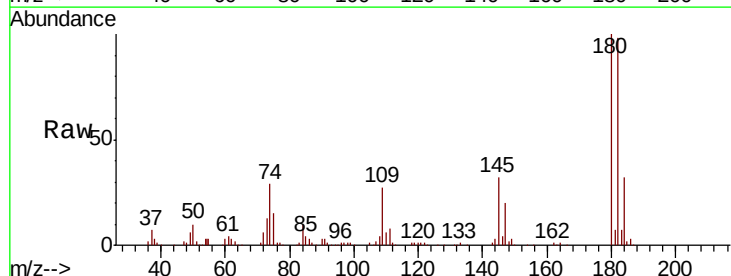
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 52.617 ng
RT: 8.22 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	76.8	115.2
145	32.0	26.5	39.7

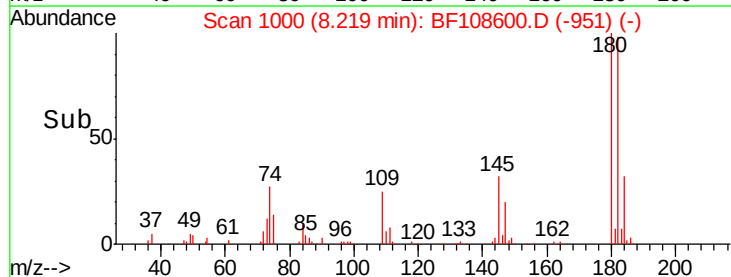
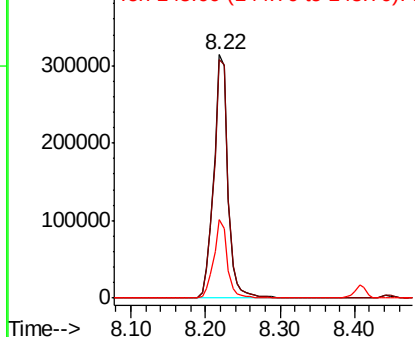


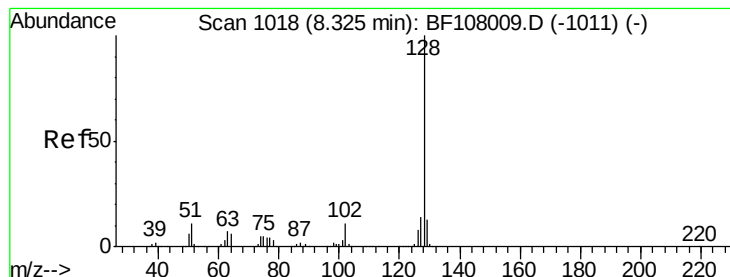
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 54.616 ng

RT: 8.31 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Instrument :

BNA_F

ClientSampled :

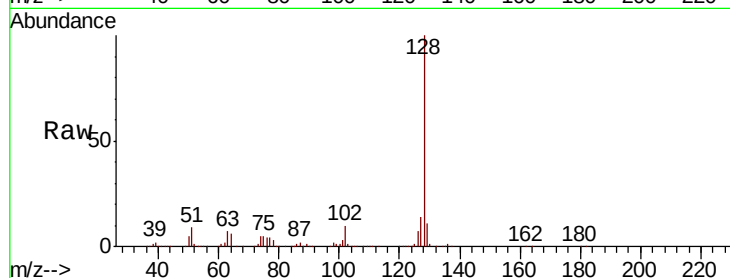
Tot Ion:128 Resp: 1259188

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

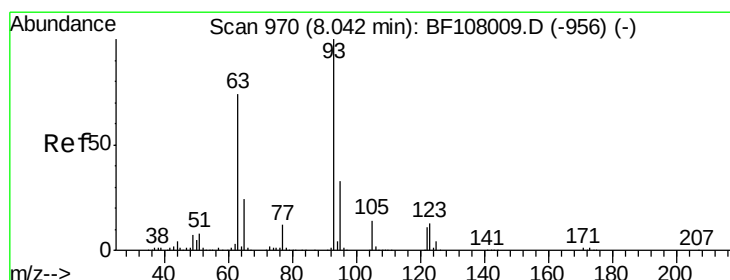
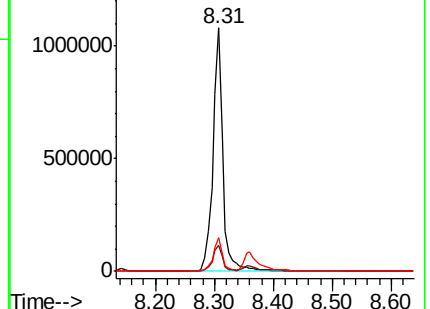
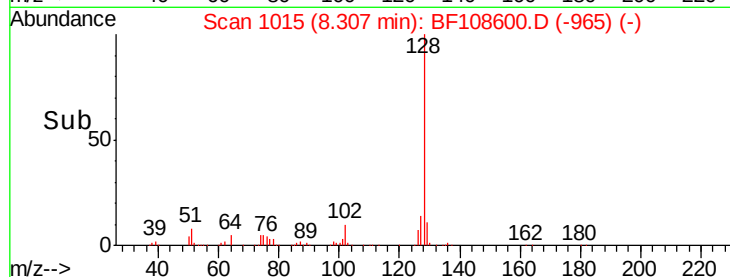
127 13.6 10.9 16.3



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: 39.810 ng

RT: 8.08 min Scan# 977

Delta R.T. 0.05 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

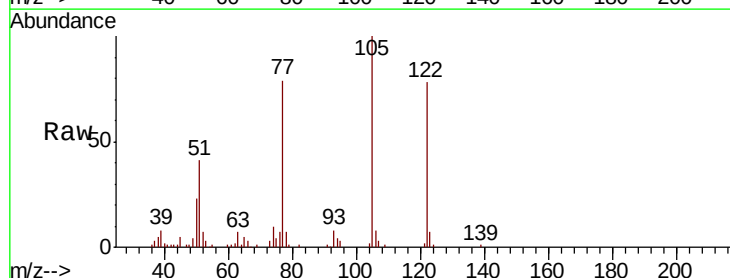
Tgt Ion:122 Resp: 172356

Ion Ratio Lower Upper

122 100

105 128.2 101.1 141.1

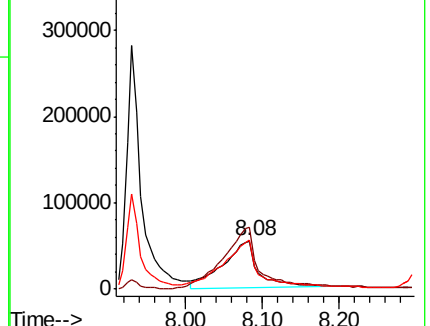
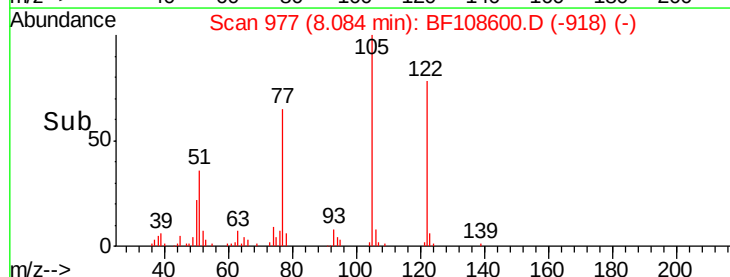
77 100.7 70.7 110.7

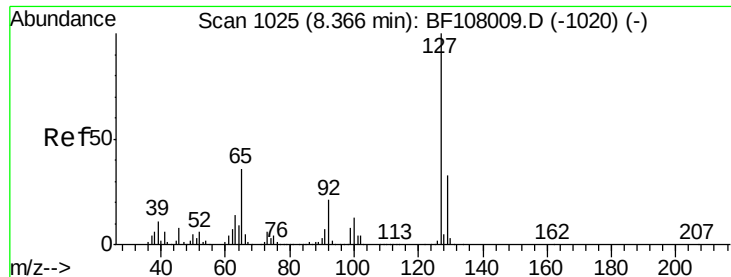


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

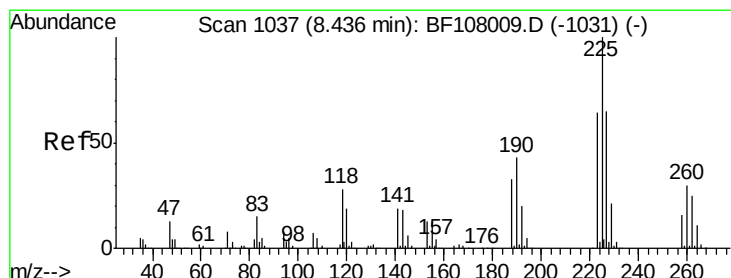
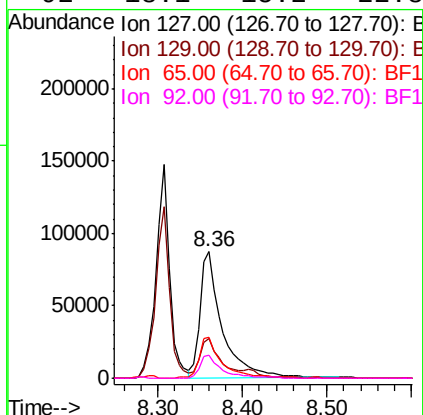
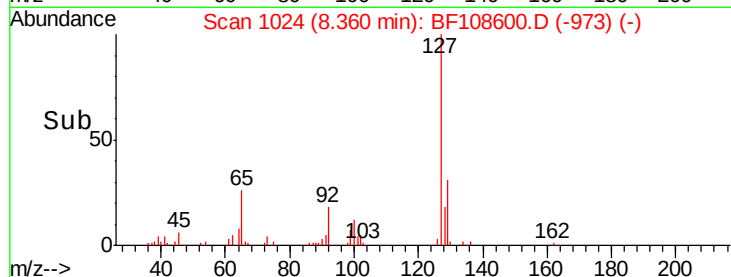
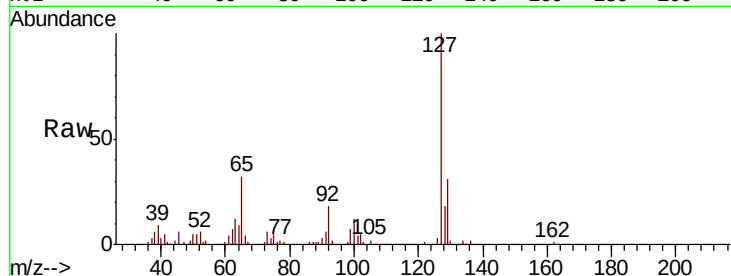




#33
4-Chloroaniline
Concen: 15.757 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

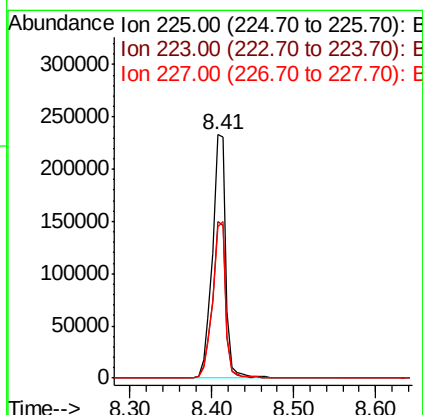
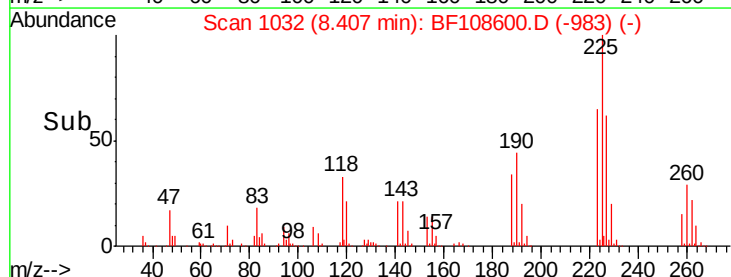
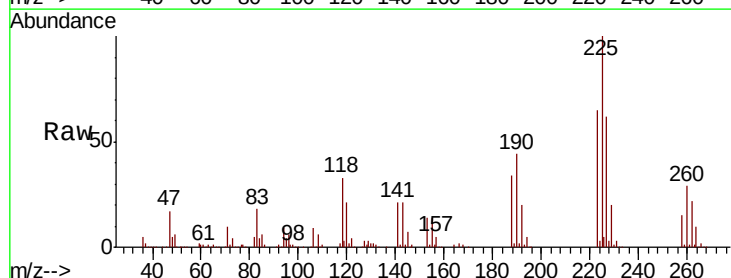
Instrument :
BNA_F
ClientSampled :

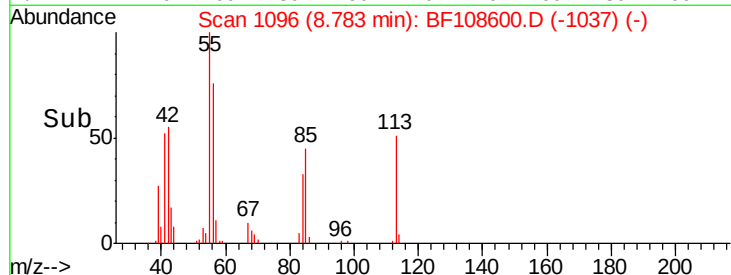
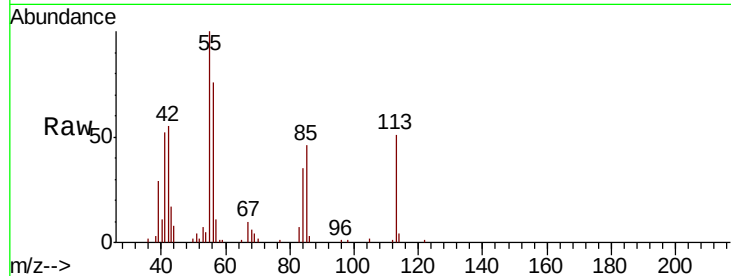
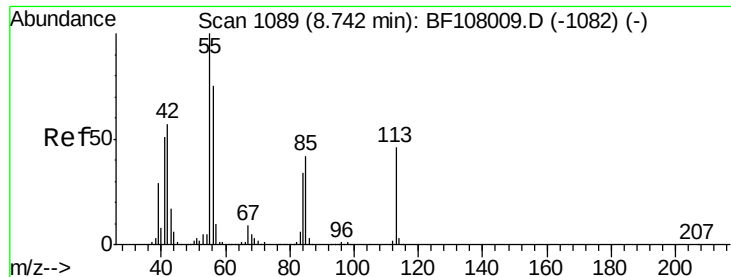
Tot Ion:	127	Resp:	158322
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.9	38.9
65	32.1	25.0	37.4
92	18.1	15.2	22.8



#34
Hexachlorobutadiene
Concen: 54.144 ng
RT: 8.41 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Tgt Ion:	225	Resp:	267285
Ion	Ratio	Lower	Upper
225	100		
223	64.6	50.6	76.0
227	62.0	51.9	77.9

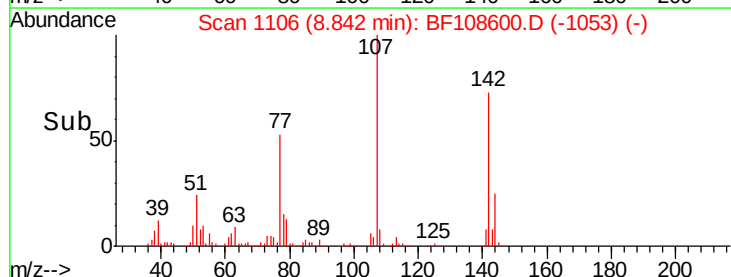
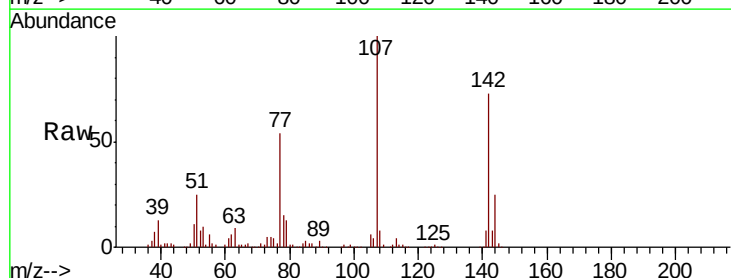
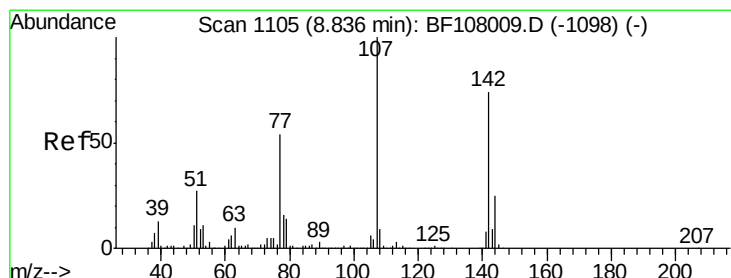
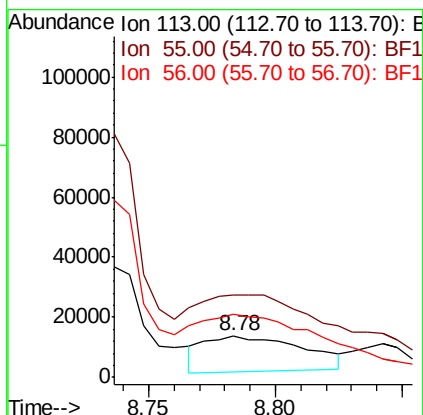




#35
Caprolactam
Concen: 14.440 ng
RT: 8.78 min Scan# 1096
Delta R.T. 0.05 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

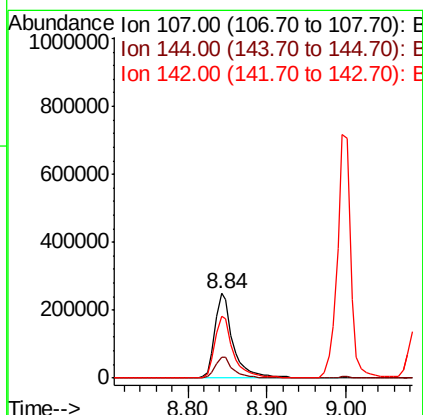
Instrument :
BNA_F
ClientSampleId :

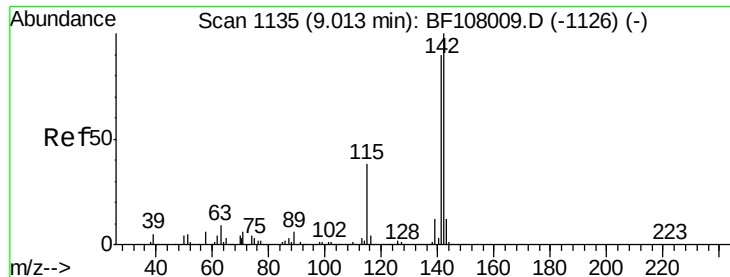
Tot Ion:113 Resp: 32005
Ion Ratio Lower Upper
113 100
55 196.5 163.3 203.3
56 149.8 115.7 155.7



#36
4-Chloro-3-methylphenol
Concen: 52.645 ng
RT: 8.84 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Tgt Ion:107 Resp: 401677
Ion Ratio Lower Upper
107 100
144 25.1 20.5 30.7
142 72.6 62.0 93.0

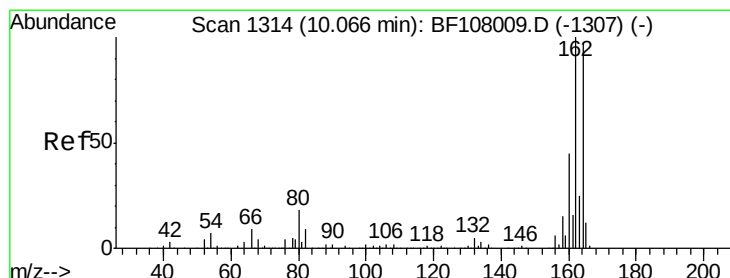
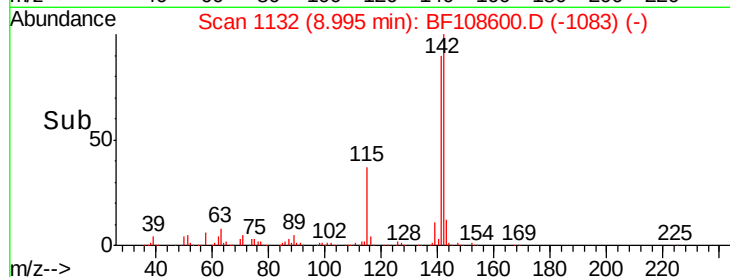
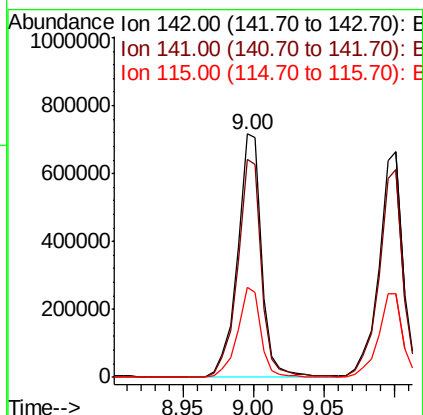
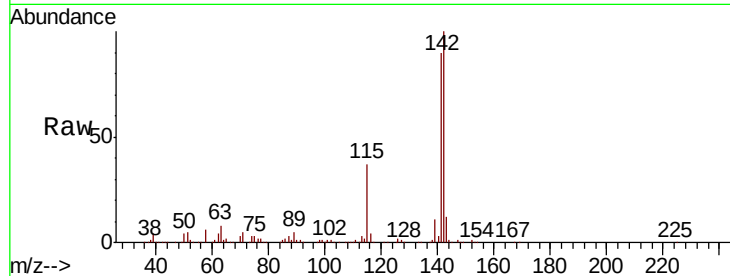




#37
2-Methylnaphthalene
Concen: 52.297 ng
RT: 9.00 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

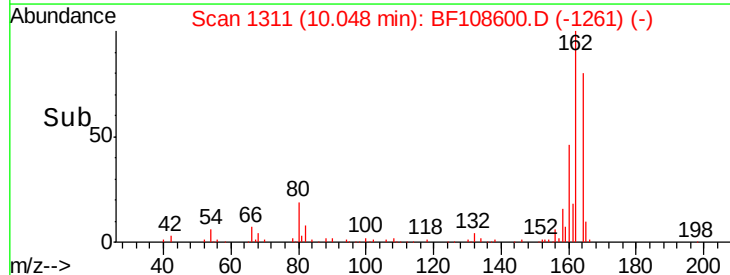
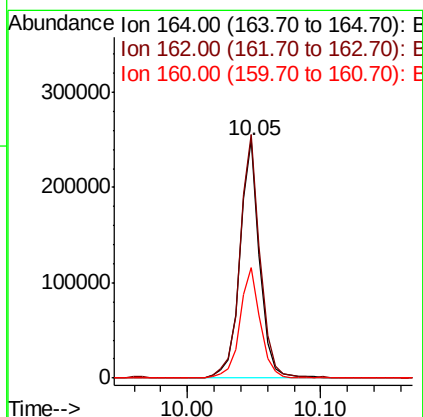
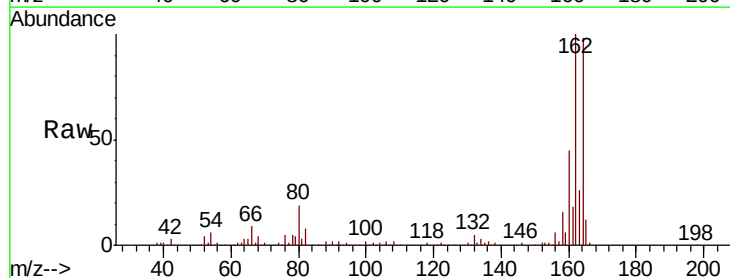
Instrument :
BNA_F
ClientSampleId :

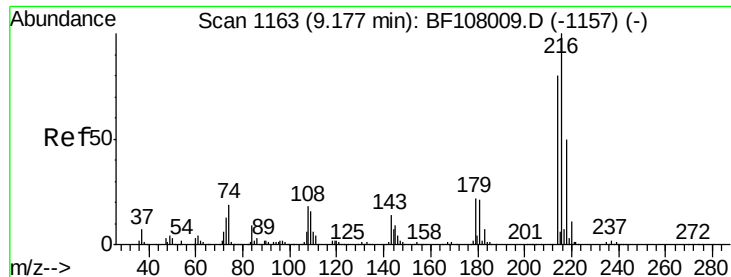
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.8	106.2
115	37.0	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	46.2	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 56.233 ng

RT: 9.17 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 441737

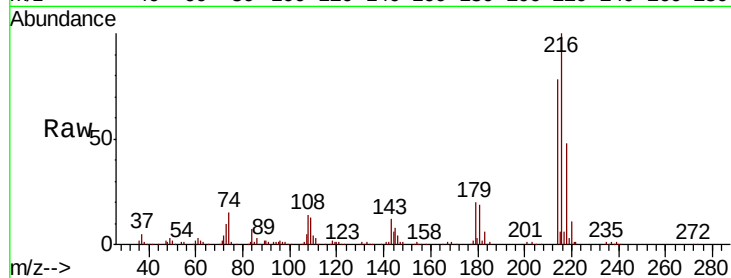
Ion Ratio Lower Upper

216 100

214 78.7 63.0 94.4

179 20.1 18.1 27.1

108 19.6 17.2 25.8

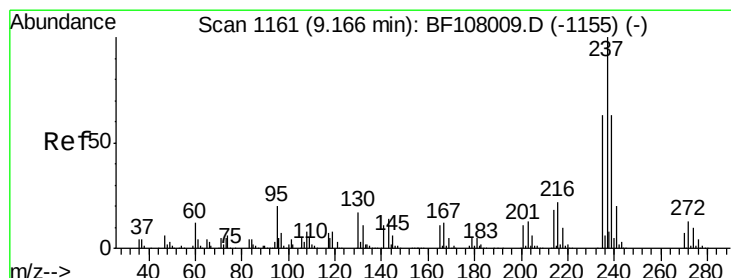
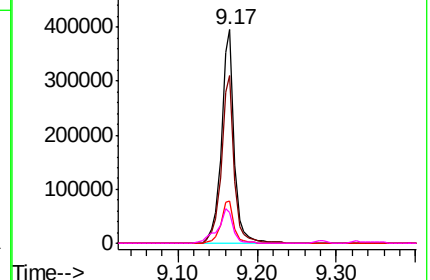
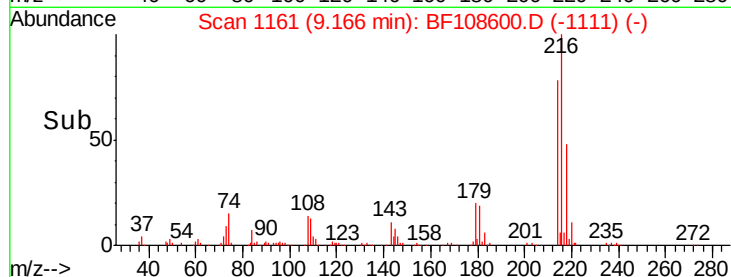


Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.648 ng

RT: 9.14 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

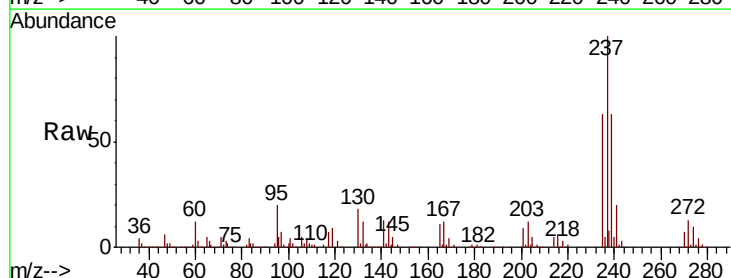
Tgt Ion:237 Resp: 439651

Ion Ratio Lower Upper

237 100

235 62.8 44.8 84.8

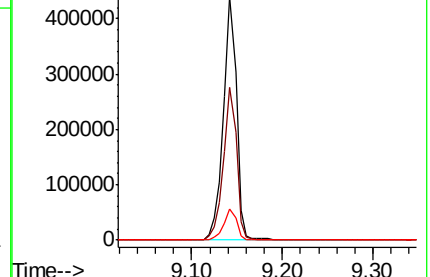
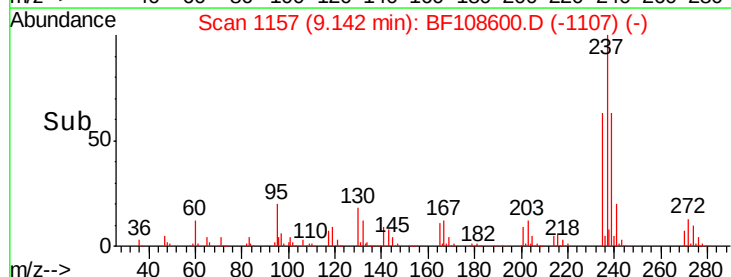
272 12.5 0.0 33.3

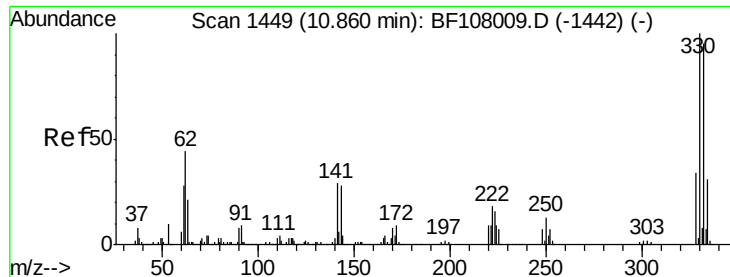


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 116.882 ng

RT: 10.85 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Instrument :

BNA_F

ClientSampleId :

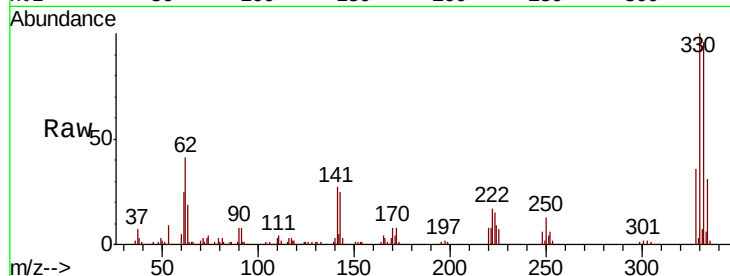
Tot Ion:330 Resp: 298237

Ion Ratio Lower Upper

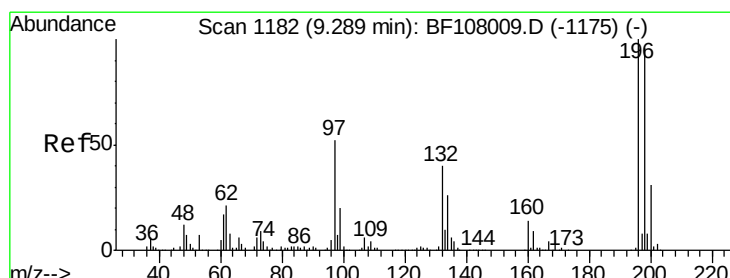
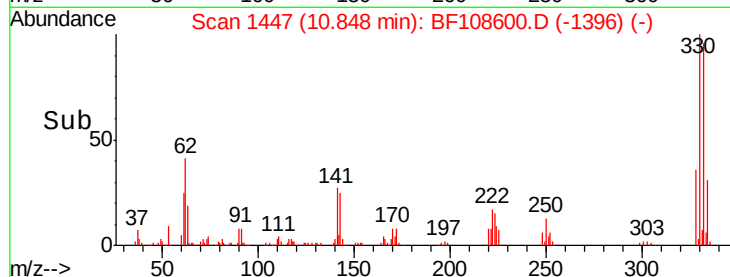
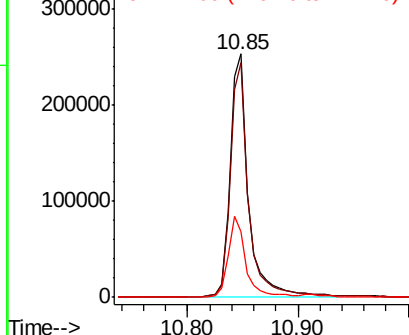
330 100

332 97.5 77.0 115.6

141 31.8 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: 54.717 ng

RT: 9.28 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

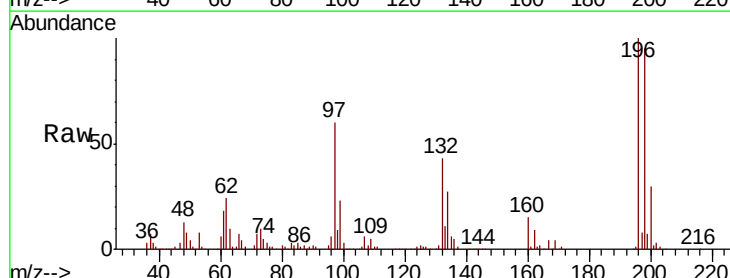
Tgt Ion:196 Resp: 266730

Ion Ratio Lower Upper

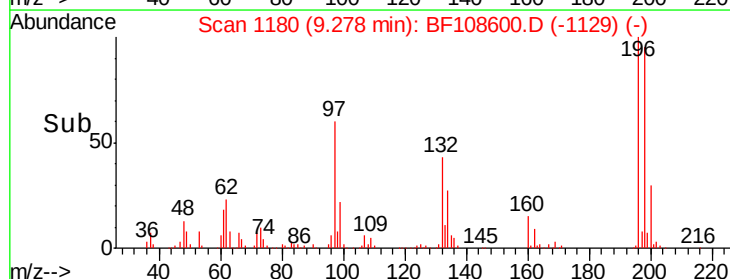
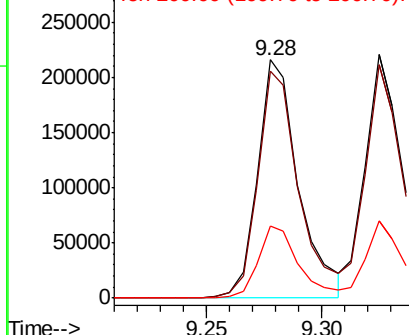
196 100

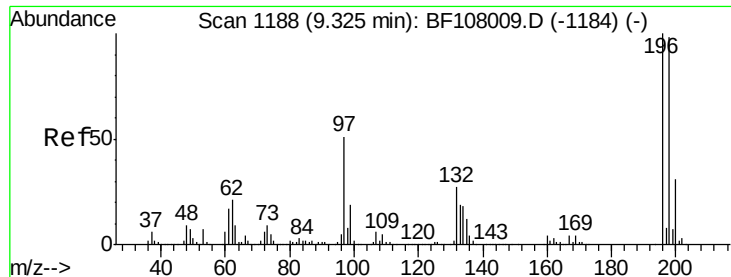
198 95.3 75.7 113.5

200 30.3 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

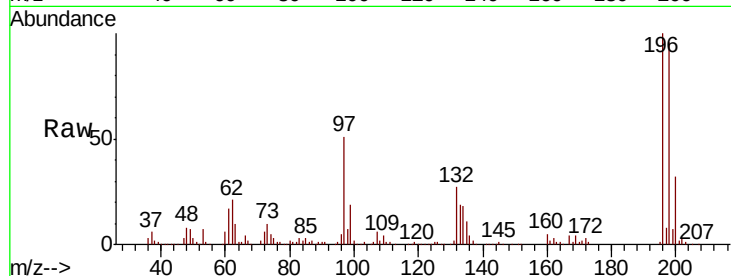




#43
 2,4,5-Trichlorophenol
 Concen: 55.111 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	295738
Ion Ratio	Lower	Upper	
196	100		
198	96.1	74.6	112.0
97	51.1	42.9	64.3
132	27.2	26.3	39.5



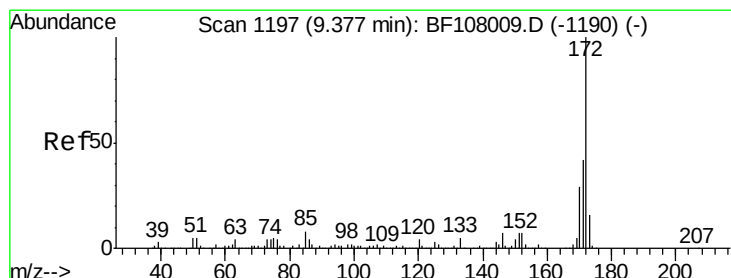
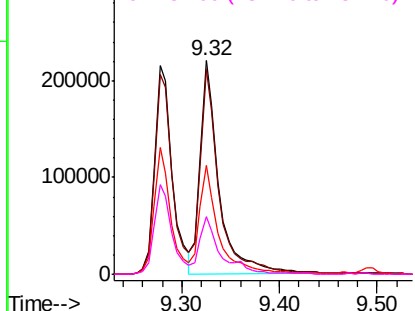
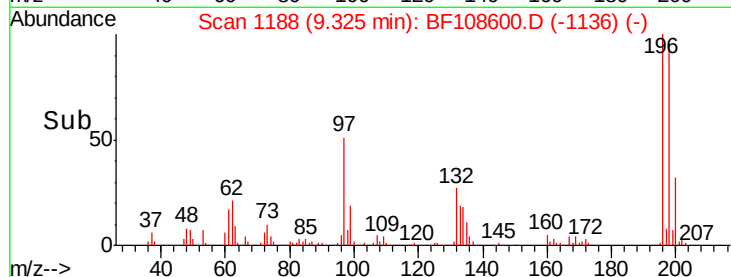
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

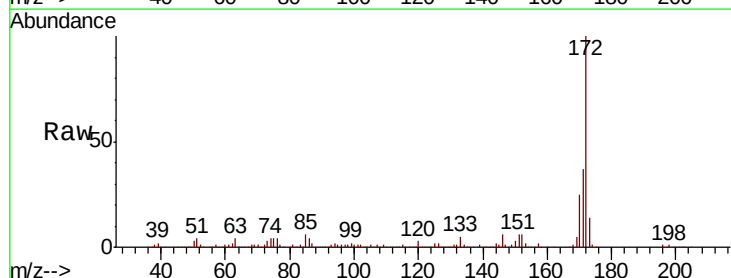
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 116.318 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

Tgt Ion	172	Resp	1853345
Ion Ratio	Lower	Upper	
172	100		
171	37.4	29.7	44.5
170	24.9	19.6	29.4

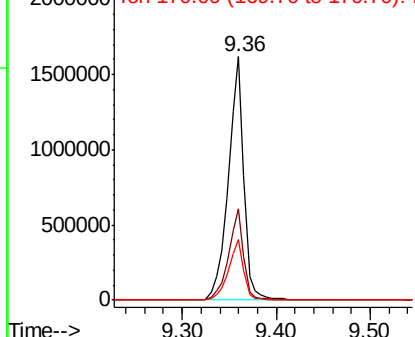
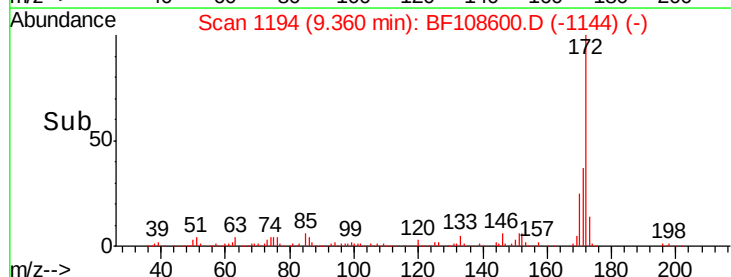


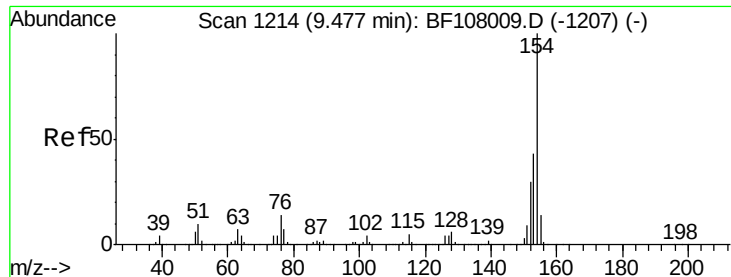
Abundance

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: 55.492 ng

RT: 9.46 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Instrument :

BNA_F

ClientSampled :

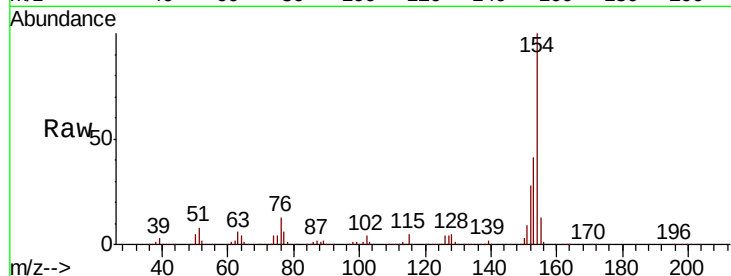
Tot Ion:154 Resp: 1046618

Ion Ratio Lower Upper

154 100

153 40.9 21.3 61.3

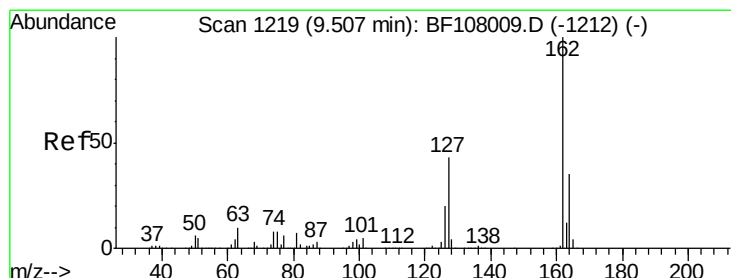
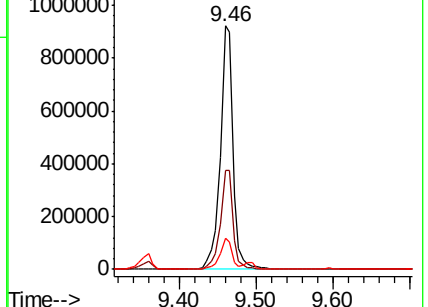
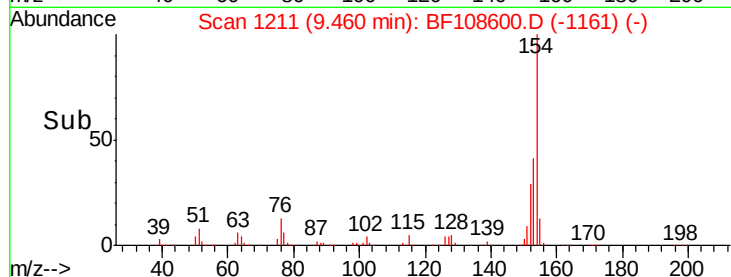
76 12.9 0.0 34.0



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: 53.795 ng

RT: 9.50 min Scan# 1217

Delta R.T. -0.00 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

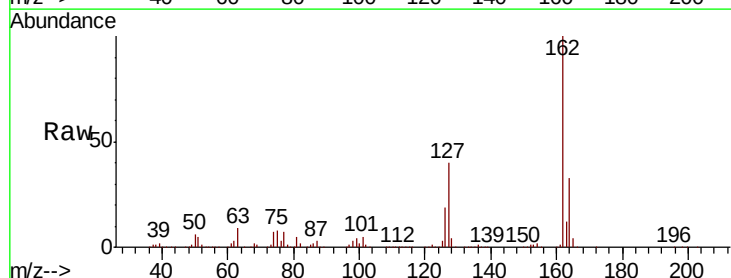
Tgt Ion:162 Resp: 801901

Ion Ratio Lower Upper

162 100

127 40.0 33.9 50.9

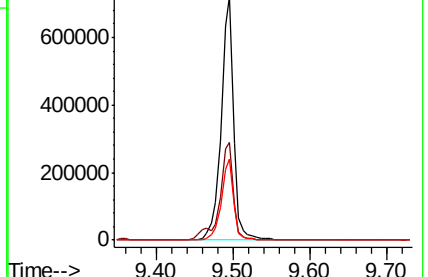
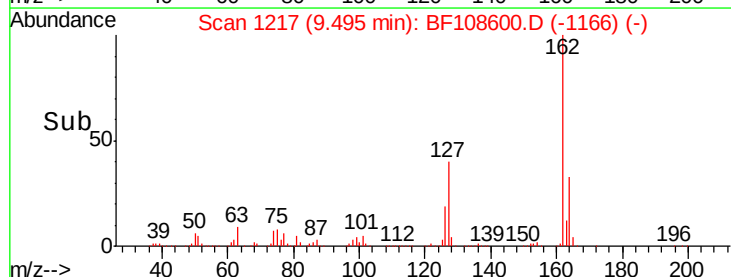
164 33.5 26.5 39.7

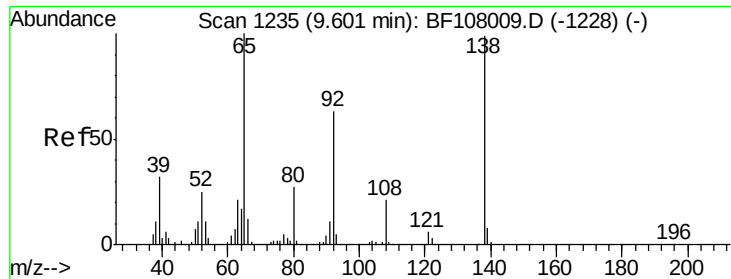


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

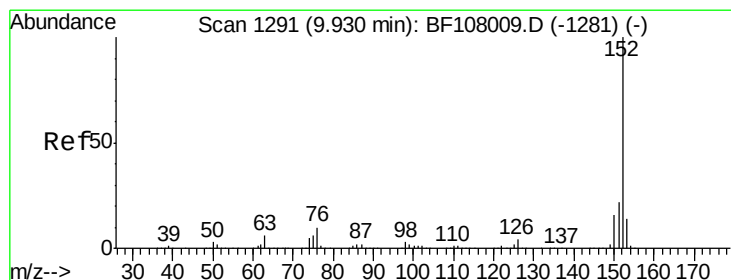
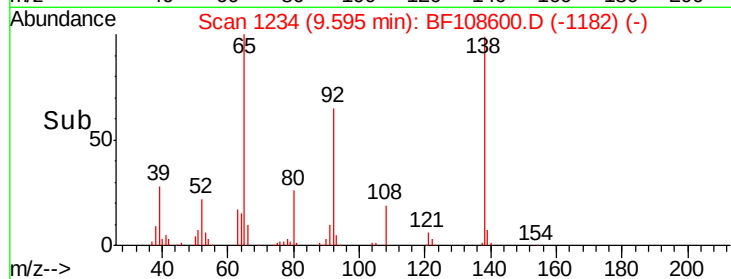
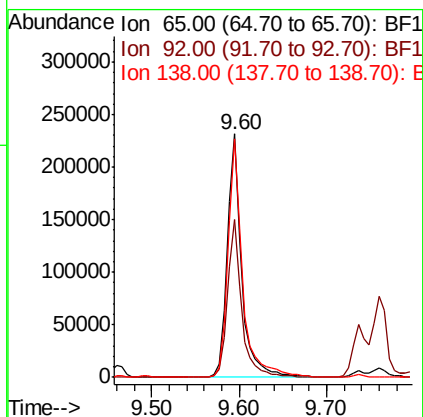
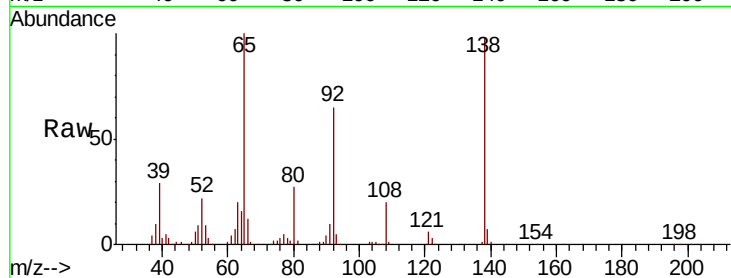




#47
2-Nitroaniline
Concen: 55.039 ng
RT: 9.60 min Scan# 1234
Delta R.T. 0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

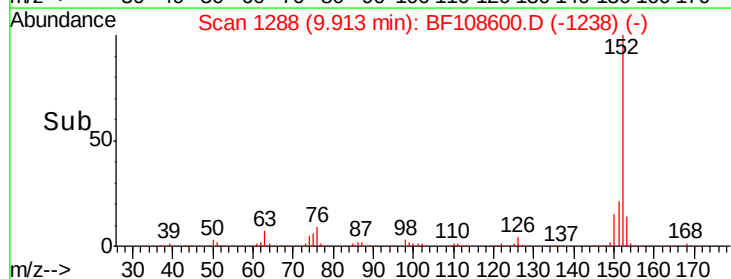
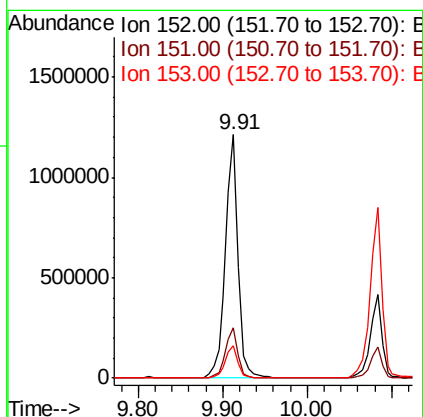
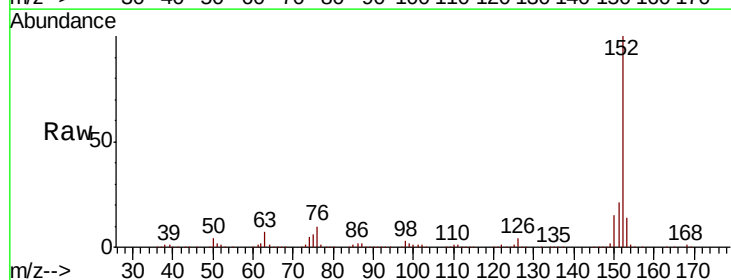
Instrument :
BNA_F
ClientSampleId :

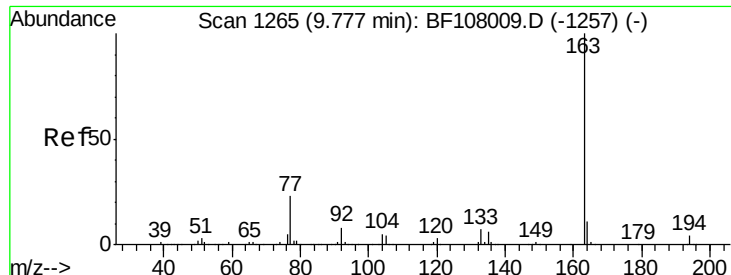
Tot Ion	Ratio	Lower	Upper
65	100		
92	65.0	55.8	83.6
138	98.1	91.2	136.8



#48
Acenaphthylene
Concen: 53.411 ng
RT: 9.91 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	13.5	10.7	16.1

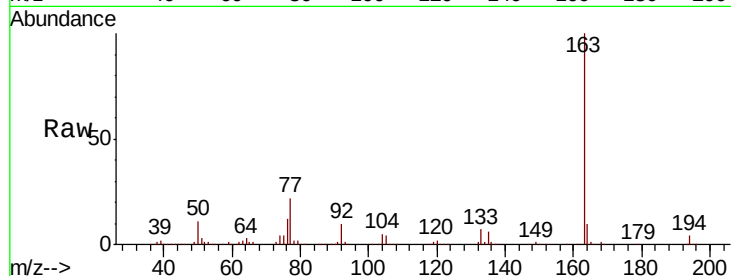




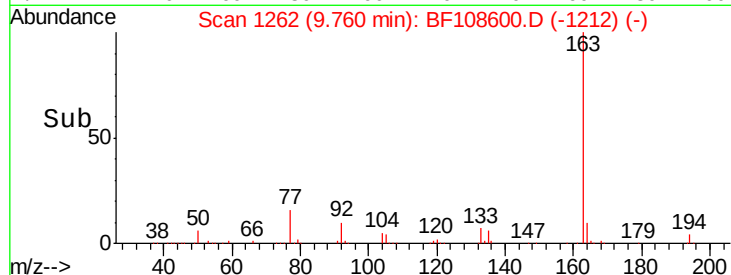
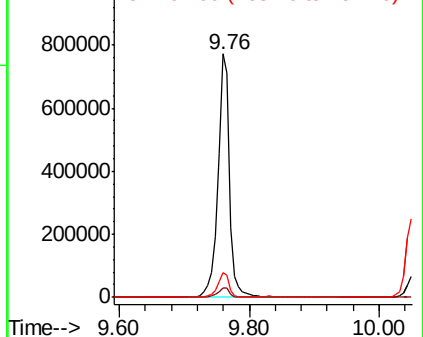
#49
Dimethylphthalate
Concen: 52.942 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 943376
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.4 8.2 12.2

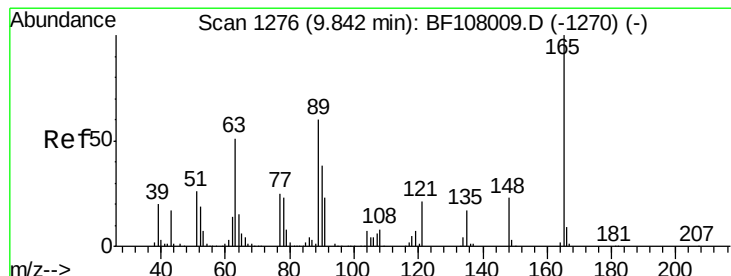


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

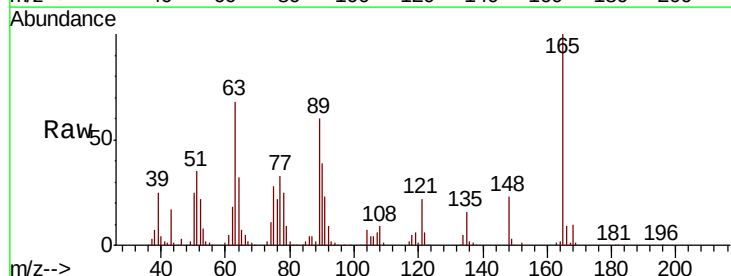
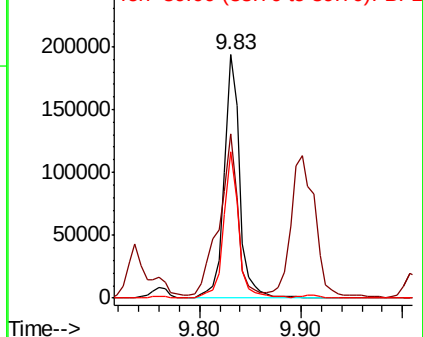


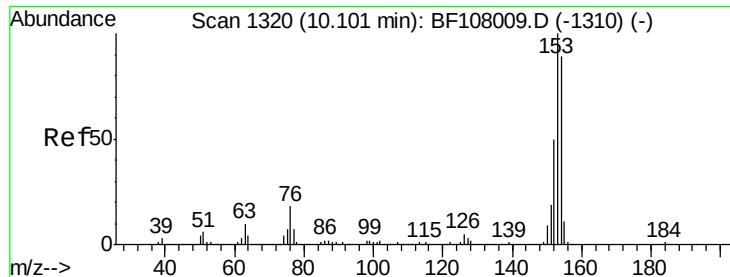
#50
2,6-Dinitrotoluene
Concen: 55.183 ng
RT: 9.83 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Tgt Ion:165 Resp: 205726
Ion Ratio Lower Upper
165 100
63 67.5 44.7 67.1#
89 60.0 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: 49.445 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Instrument :

BNA_F

ClientSampleId :

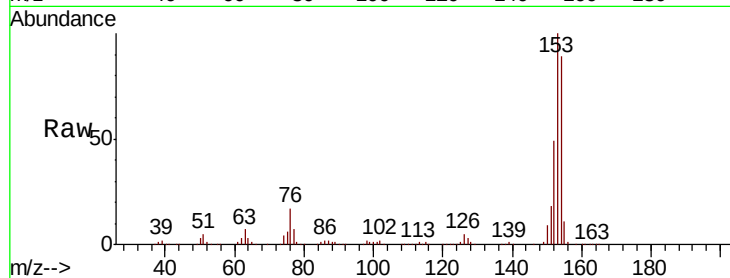
Tot Ion:154 Resp: 713699

Ion Ratio Lower Upper

154 100

153 112.0 91.2 136.8

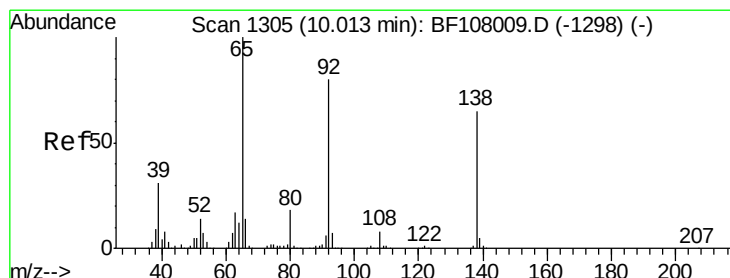
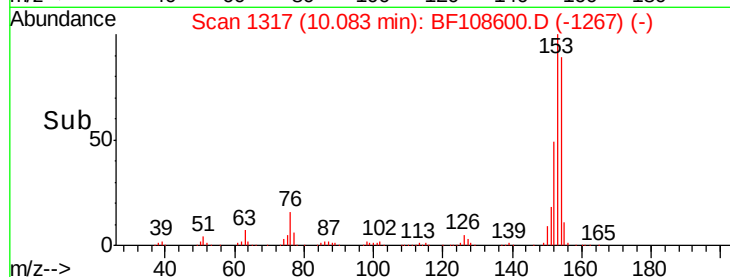
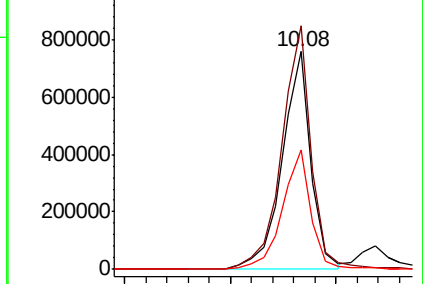
152 54.8 43.8 65.8



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: 26.967 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

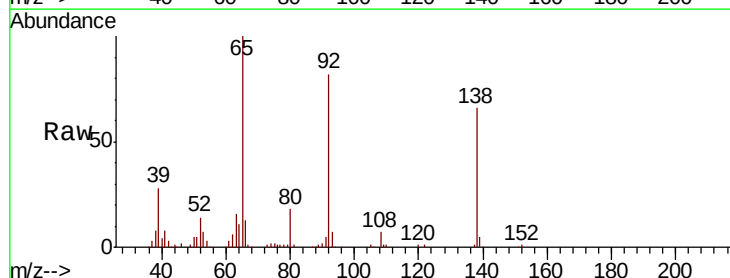
Tgt Ion:138 Resp: 109997

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

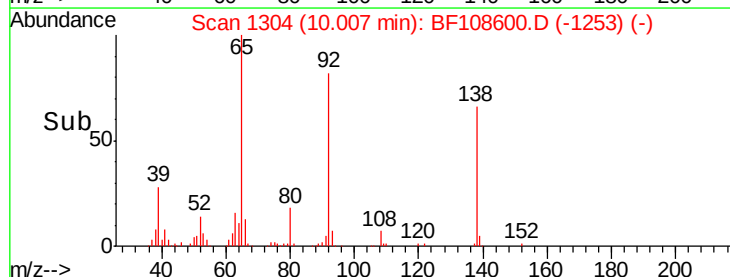
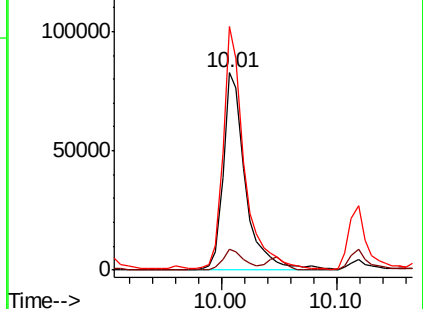
92 123.5 89.4 134.2

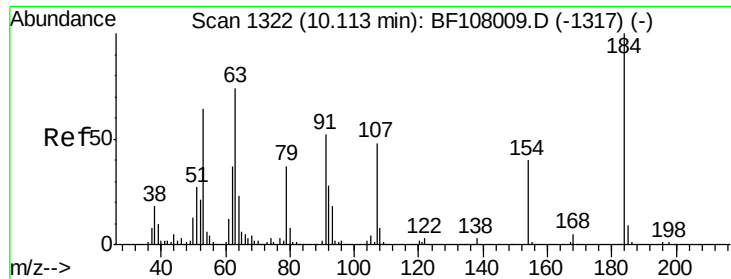


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

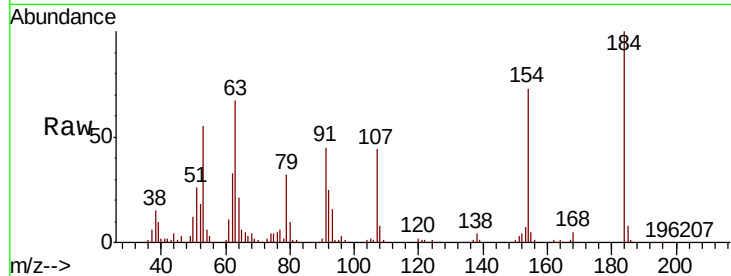




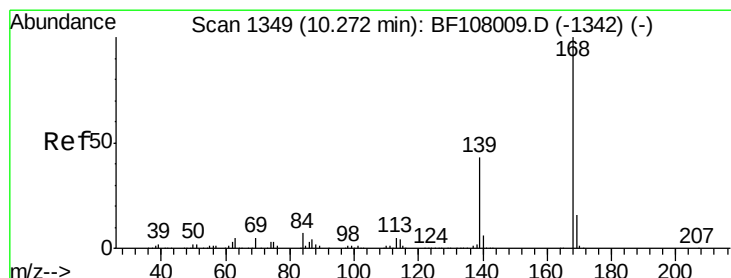
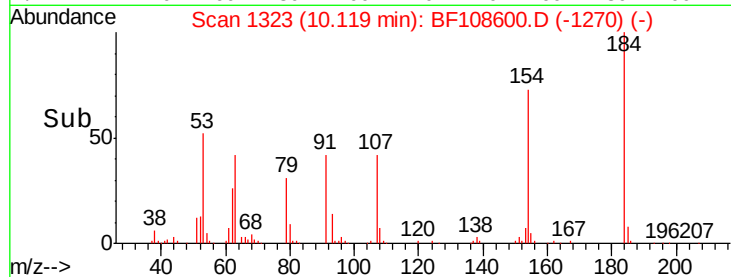
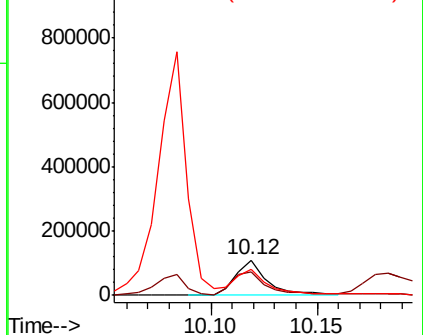
#53
2,4-Dinitrophenol
Concen: 82.561 ng
RT: 10.12 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 115533
Ion Ratio Lower Upper
184 100
63 67.5 54.2 81.2
154 72.9 184.0 276.0#

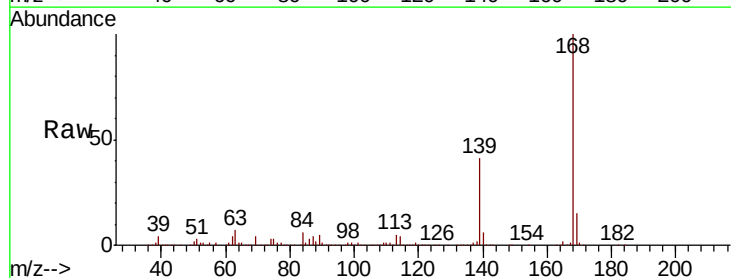


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

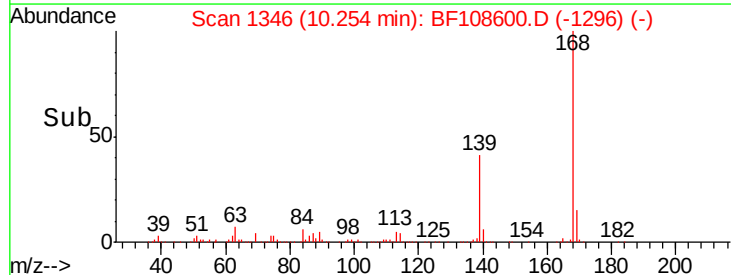
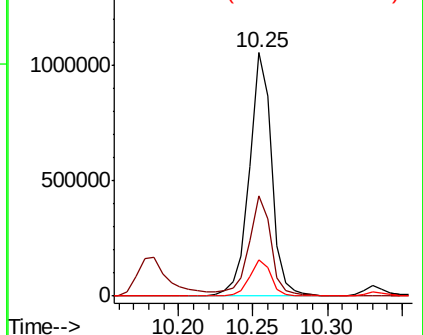


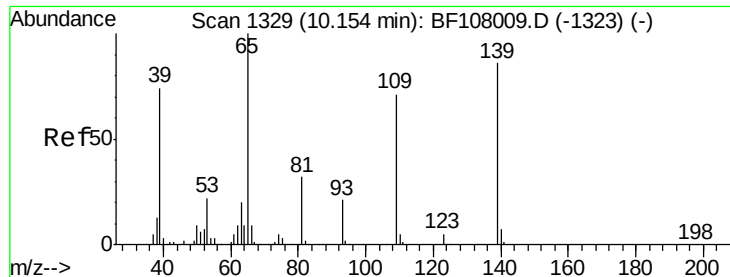
#54
Dibenzofuran
Concen: 52.062 ng
RT: 10.25 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Tgt Ion:168 Resp: 1088737
Ion Ratio Lower Upper
168 100
139 41.4 30.1 45.1
169 14.7 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

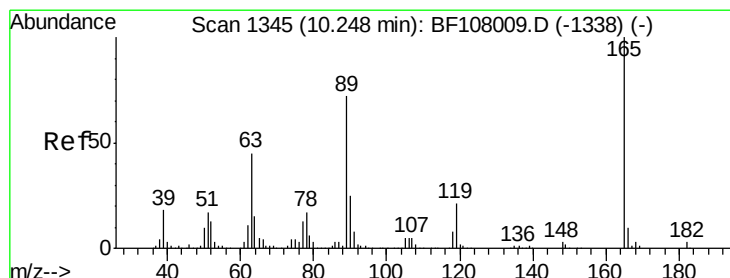
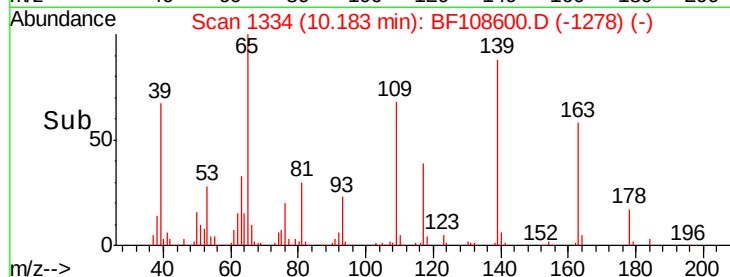
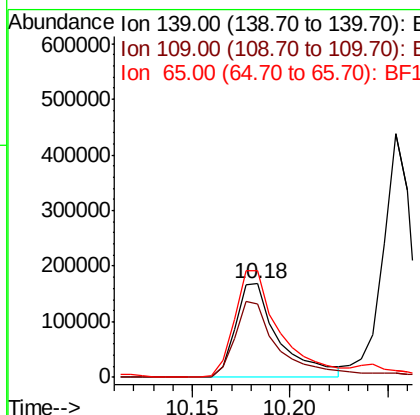
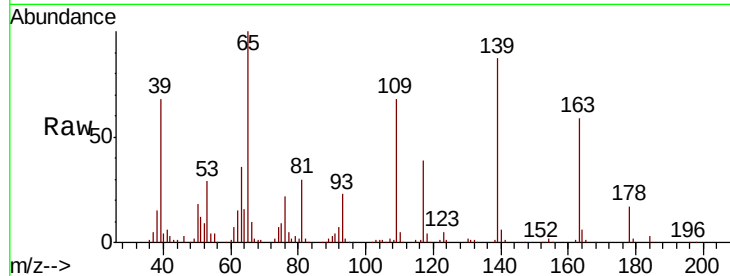




#55
4-Nitrophenol
Concen: 83.712 ng
RT: 10.18 min Scan# 1334
Delta R.T. 0.03 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

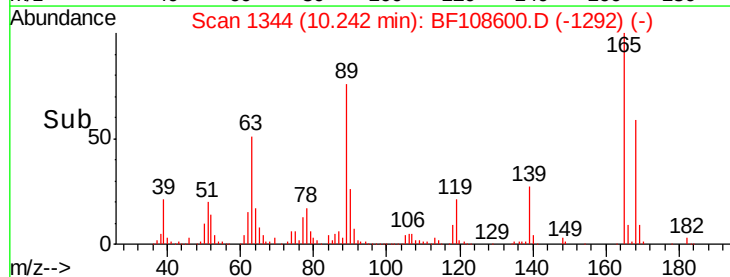
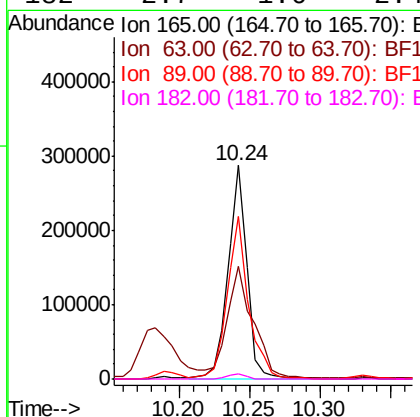
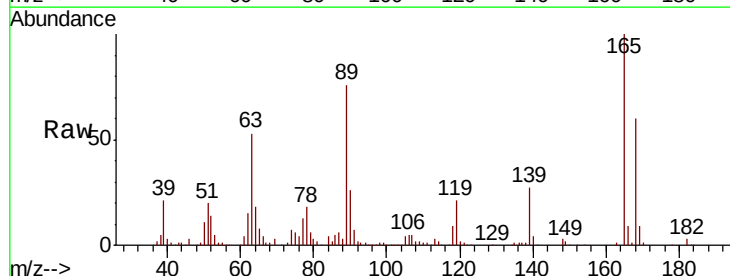
Instrument :
BNA_F
ClientSampled :

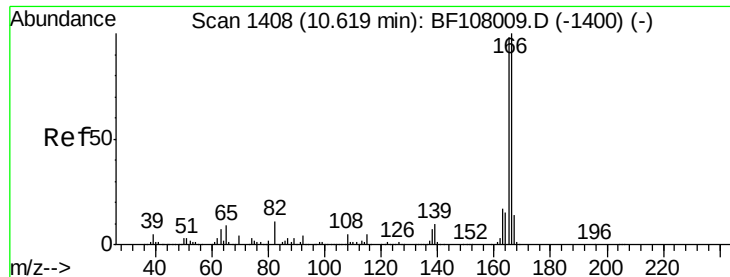
Tot Ion:139 Resp: 258573
Ion Ratio Lower Upper
139 100
109 78.1 48.4 88.4
65 114.7 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 55.282 ng
RT: 10.24 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Tgt Ion:165 Resp: 265284
Ion Ratio Lower Upper
165 100
63 52.6 36.4 54.6
89 76.4 57.8 86.6
182 2.7 1.6 2.4#





#57

Fluorene

Concen: 53.492 ng

RT: 10.60 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Instrument :

BNA_F

ClientSampleId :

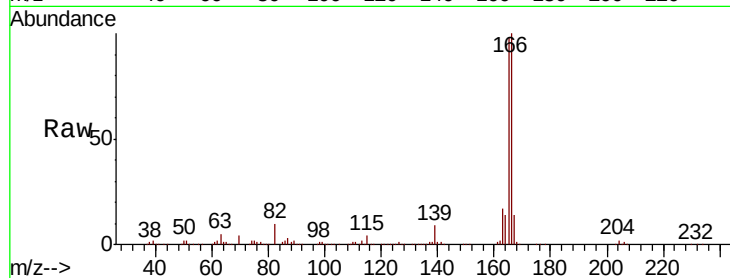
Tot Ion:166 Resp: 885532

Ion Ratio Lower Upper

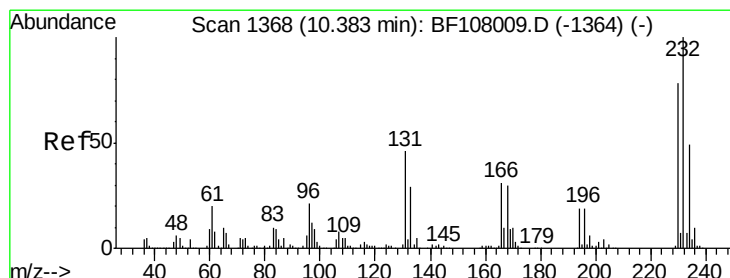
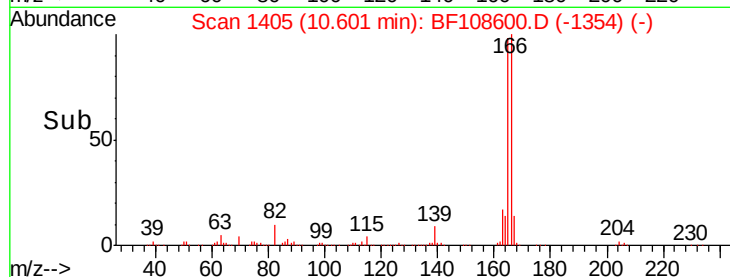
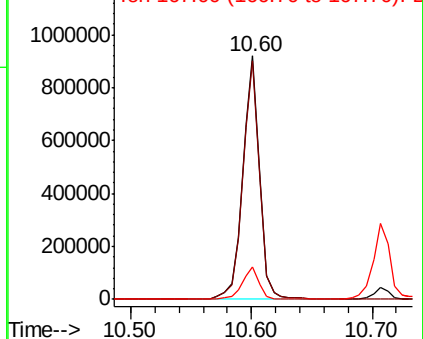
166 100

165 97.9 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: 57.255 ng

RT: 10.38 min Scan# 1367

Delta R.T. 0.01 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Tgt Ion:232 Resp: 256803

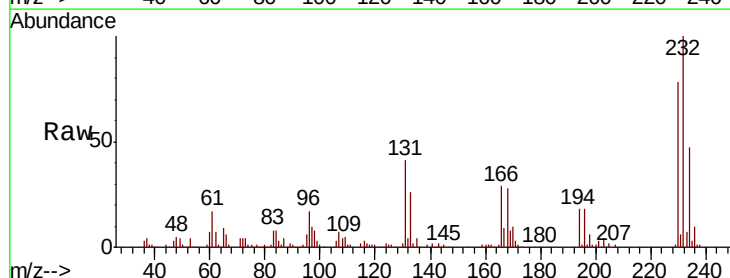
Ion Ratio Lower Upper

232 100

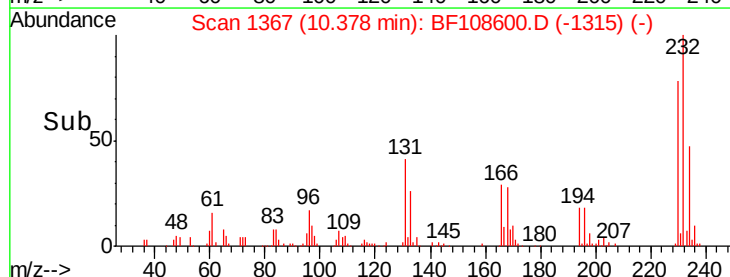
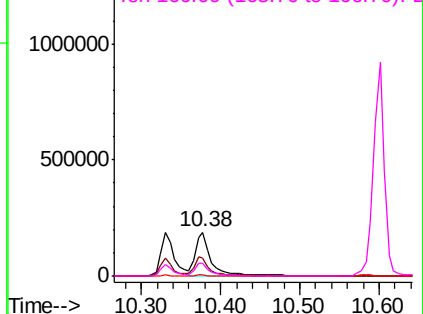
131 40.1 43.8 65.8#

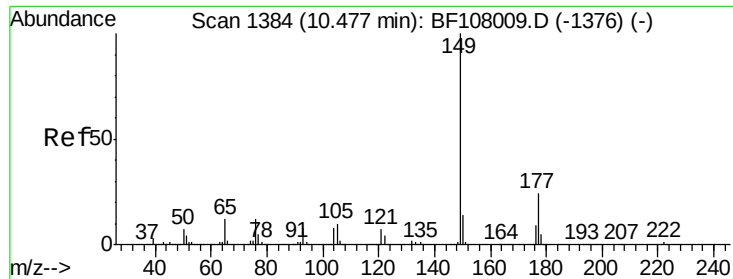
130 2.1 2.1 3.1

166 27.6 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

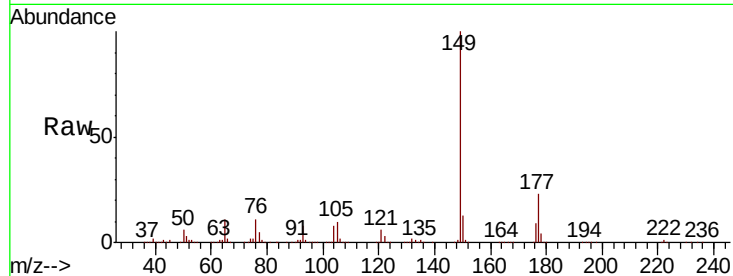




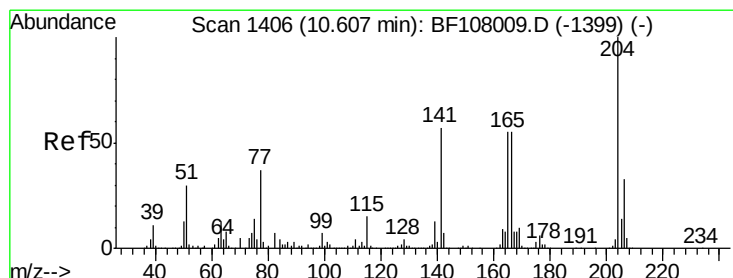
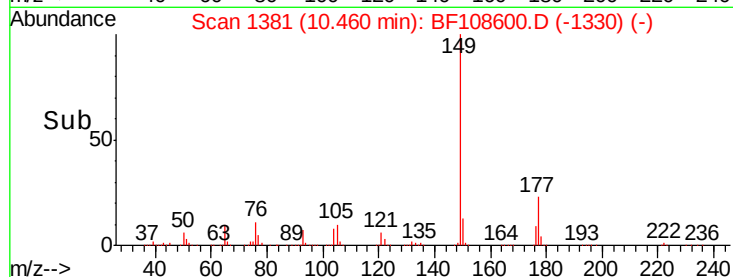
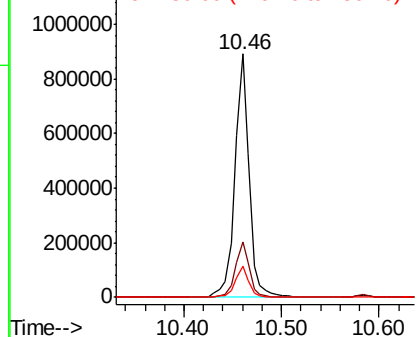
#59
Diethylphthalate
Concen: 52.221 ng
RT: 10.46 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 901060
Ion Ratio Lower Upper
149 100
177 22.8 16.1 24.1
150 12.9 10.1 15.1

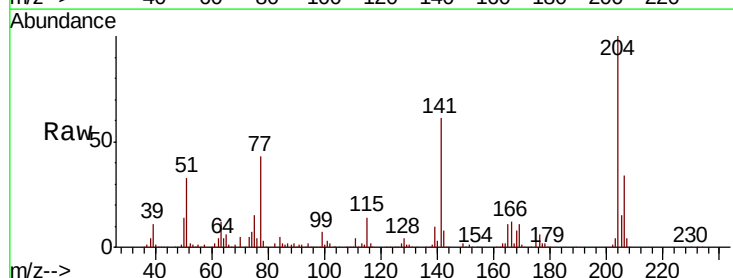


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

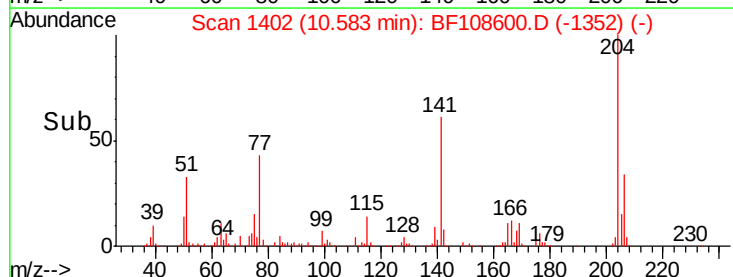
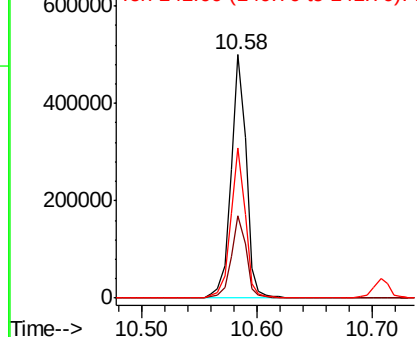


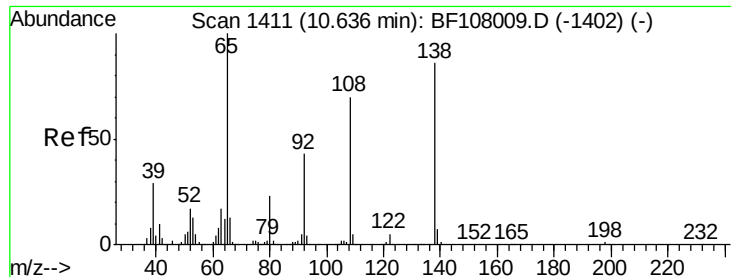
#60
4-Chlorophenyl-phenylether
Concen: 52.630 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Tgt Ion:204 Resp: 453987
Ion Ratio Lower Upper
204 100
206 33.8 26.5 39.7
141 61.4 54.6 81.8



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

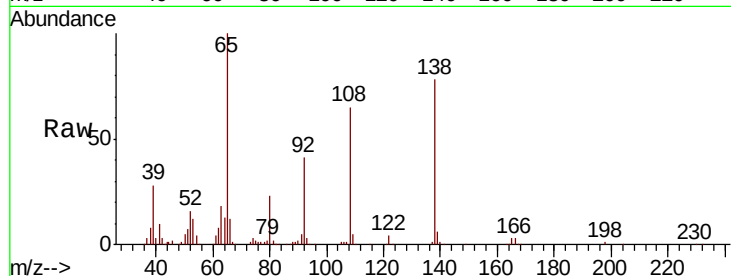




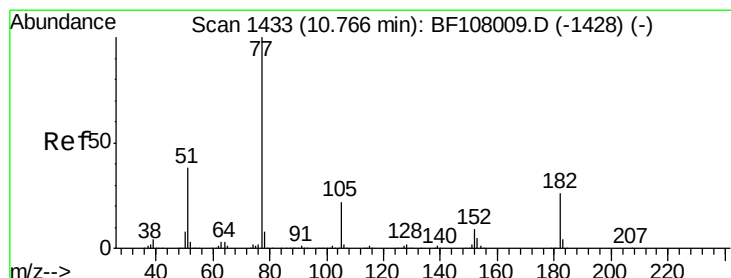
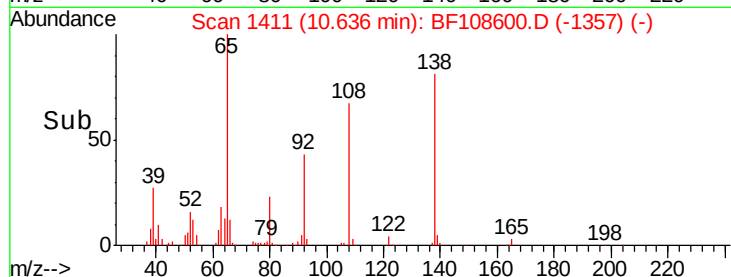
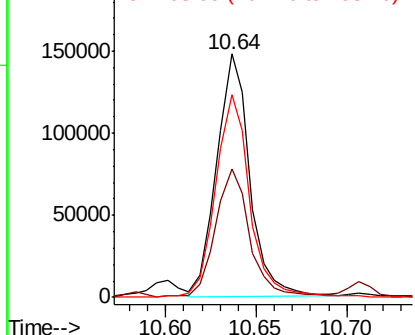
#61
4-Nitroaniline
Concen: 46.172 ng
RT: 10.64 min Scan# 1411
Delta R.T. 0.02 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 186201
Ion Ratio Lower Upper
138 100
92 52.9 30.2 70.2
108 83.4 52.5 92.5

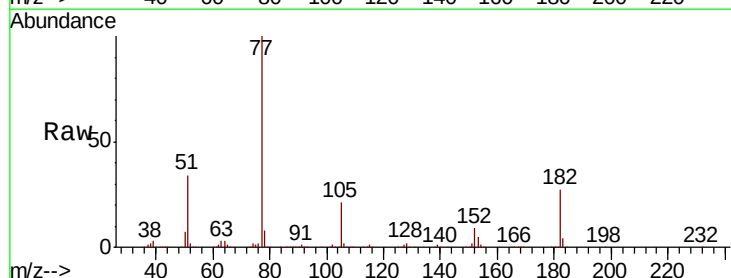


Abundance Ion 138.00 (137.70 to 138.70): E
200000 Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

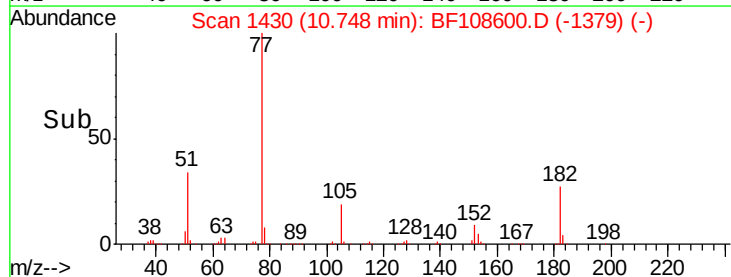
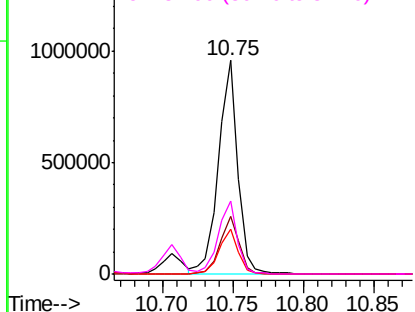


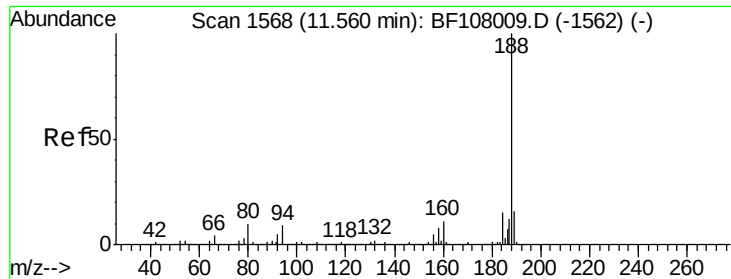
#62
Azobenzene
Concen: 50.802 ng
RT: 10.75 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Tgt Ion: 77 Resp: 905270
Ion Ratio Lower Upper
77 100
182 26.9 1.7 41.7
105 21.1 3.0 43.0
51 34.0 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
1500000 Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

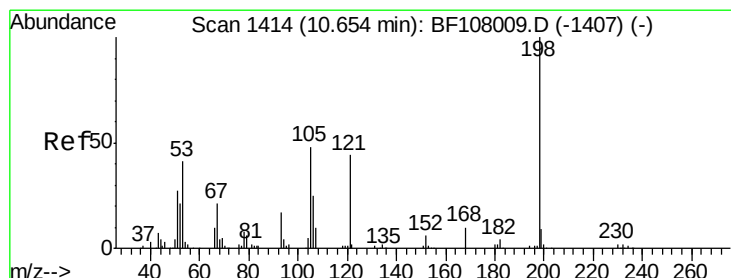
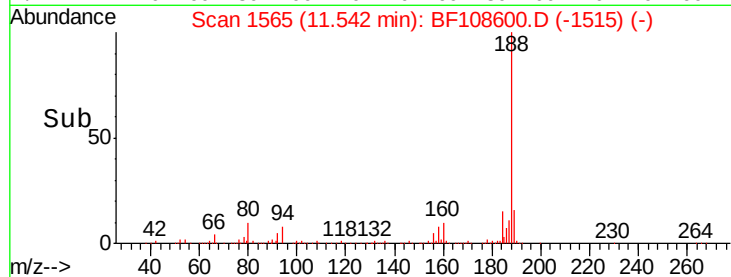
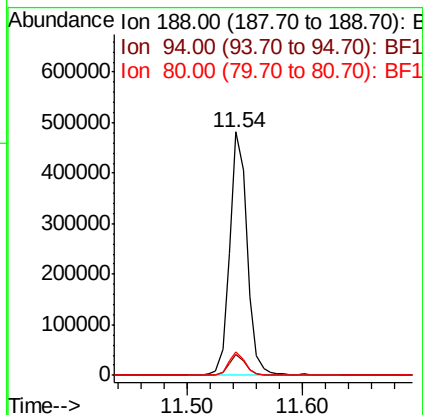
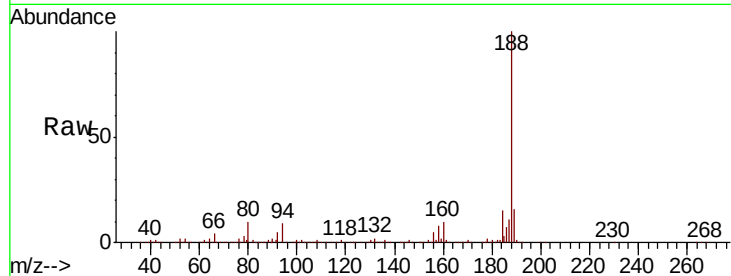




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

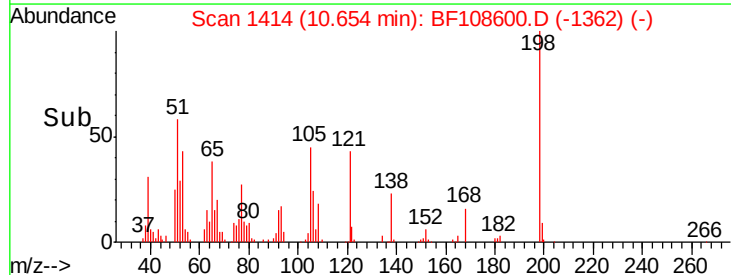
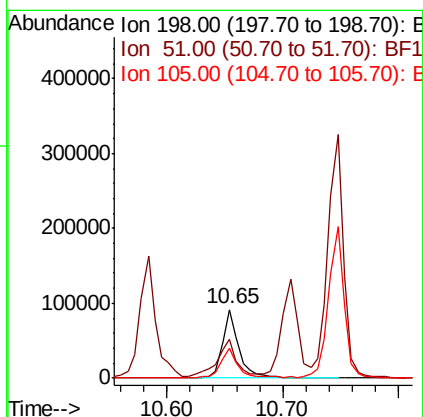
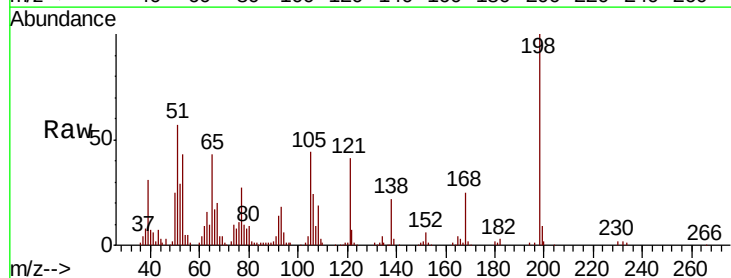
Instrument :
BNA_F
ClientSampleId :

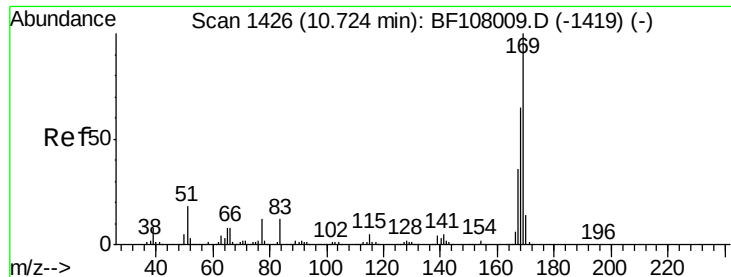
Tot Ion:188 Resp: 500042
Ion Ratio Lower Upper
188 100
94 8.5 8.5 12.7
80 9.5 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 48.518 ng
RT: 10.65 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Tgt Ion:198 Resp: 91207
Ion Ratio Lower Upper
198 100
51 56.9 37.7 77.7
105 43.8 36.3 76.3

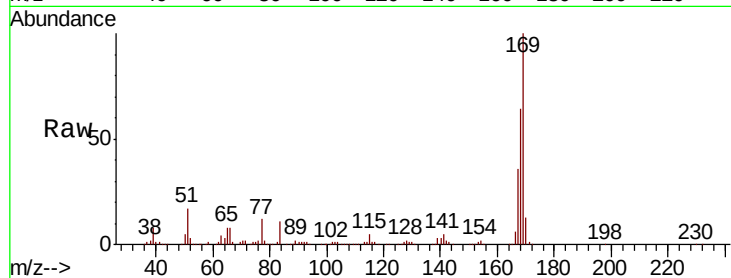




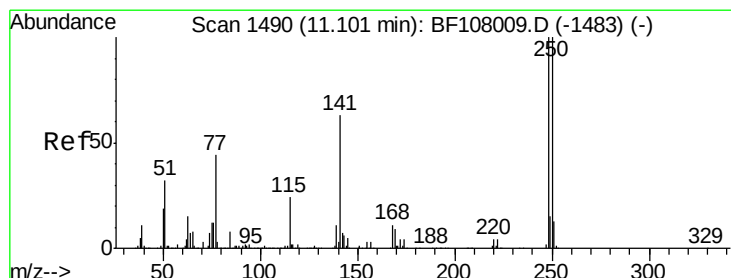
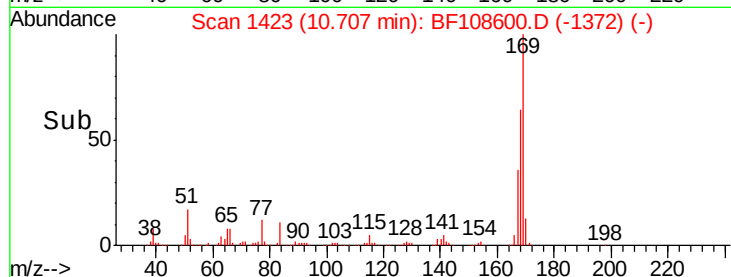
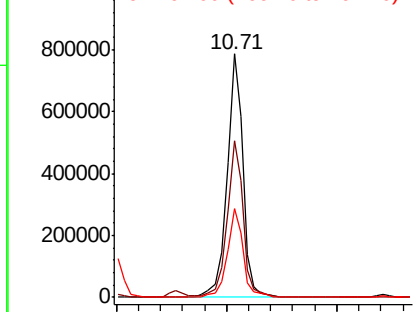
#65
 n-Nitrosodiphenylamine
 Concen: 53.342 ng
 RT: 10.71 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 788212
 Ion Ratio Lower Upper
 169 100
 168 64.4 54.4 81.6
 167 36.4 29.8 44.6

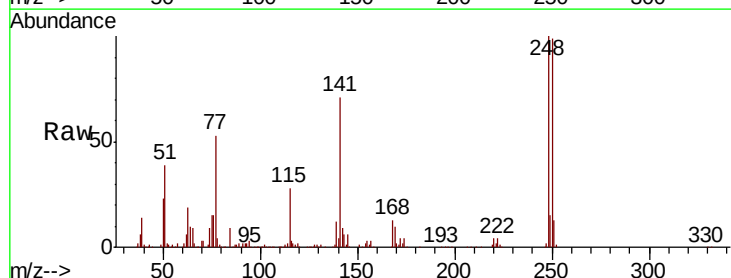


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

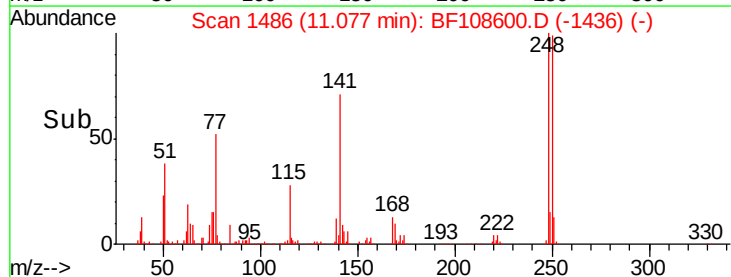
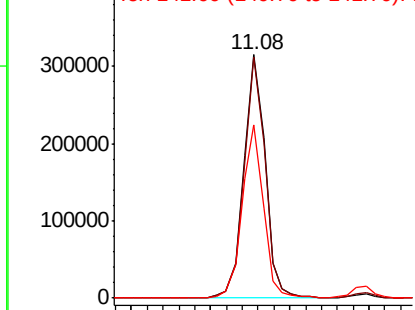


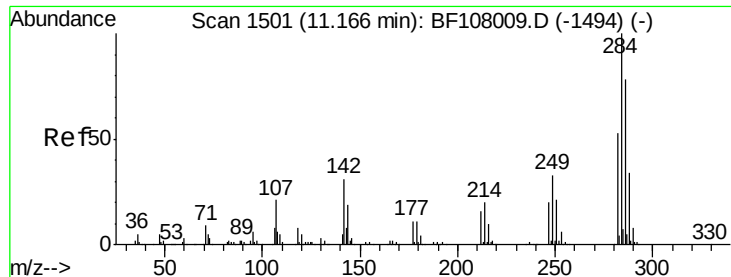
#66
 4-Bromophenyl-phenylether
 Concen: 54.329 ng
 RT: 11.08 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

Tgt Ion:248 Resp: 295231
 Ion Ratio Lower Upper
 248 100
 250 98.9 76.9 115.3
 141 71.3 74.4 111.6#



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





#67

Hexachlorobenzene

Concen: 54.074 ng

RT: 11.15 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Instrument :

BNA_F

ClientSampleId :

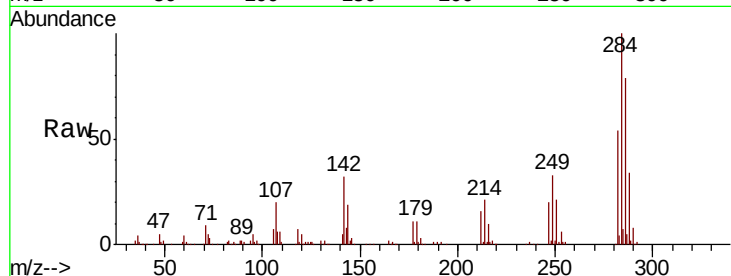
Tot Ion:284 Resp: 309175

Ion Ratio Lower Upper

284 100

142 31.5 34.6 52.0#

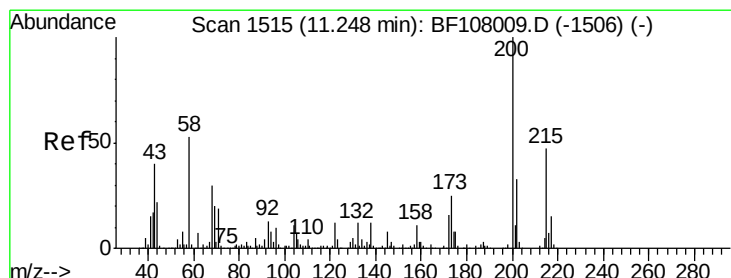
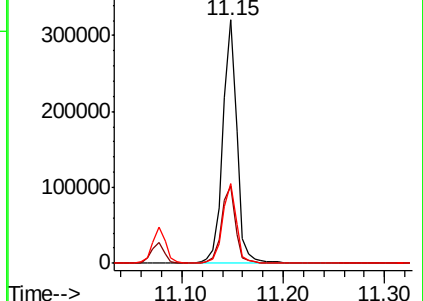
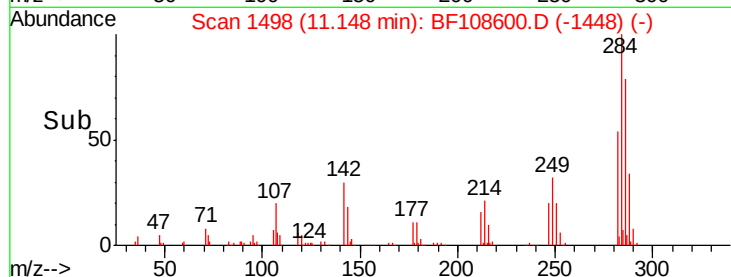
249 32.8 24.8 37.2



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: 54.663 ng

RT: 11.23 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

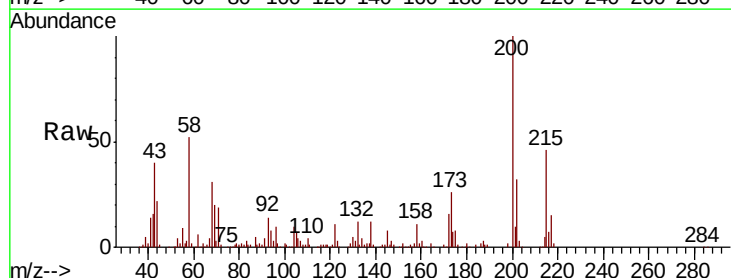
Tgt Ion:200 Resp: 270921

Ion Ratio Lower Upper

200 100

173 25.8 8.6 48.6

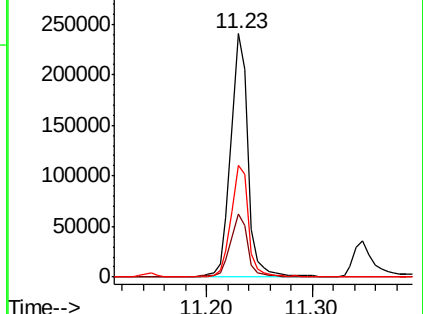
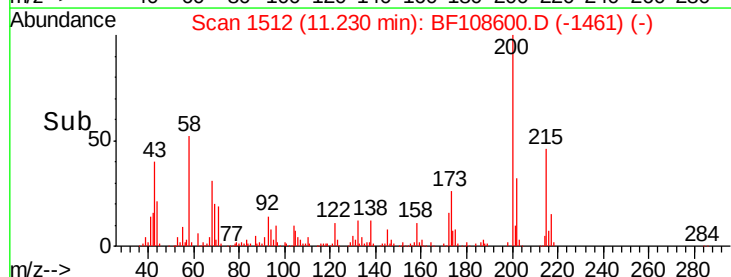
215 45.9 25.1 65.1

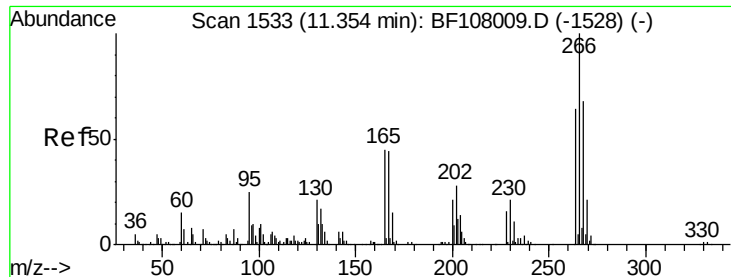


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 97.488 ng

RT: 11.35 min Scan# 1532

Delta R.T. -0.00 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Instrument :

BNA_F

ClientSampled :

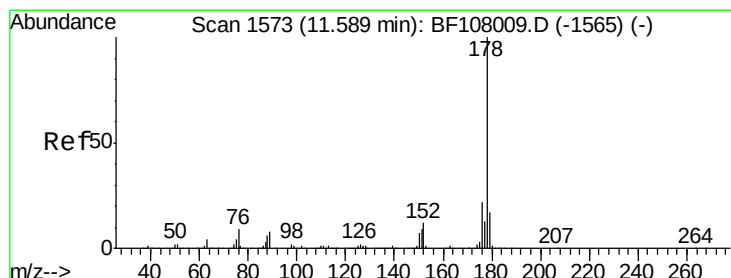
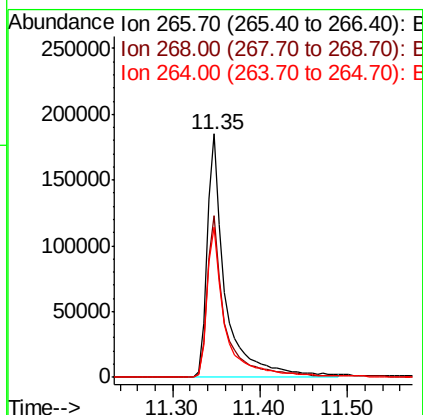
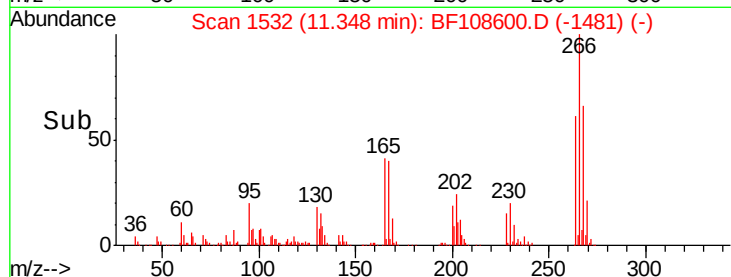
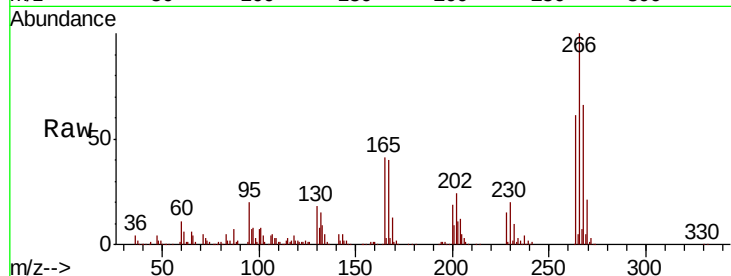
Tot Ion:266 Resp: 266792

Ion Ratio Lower Upper

266 100

268 66.3 51.1 76.7

264 61.4 49.5 74.3



#70

Phenanthrene

Concen: 53.878 ng

RT: 11.57 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

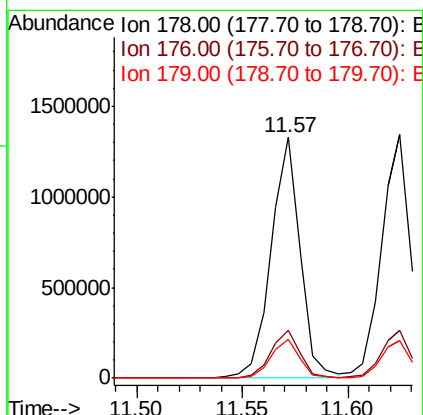
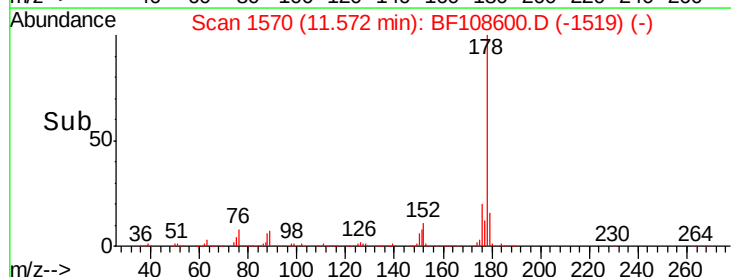
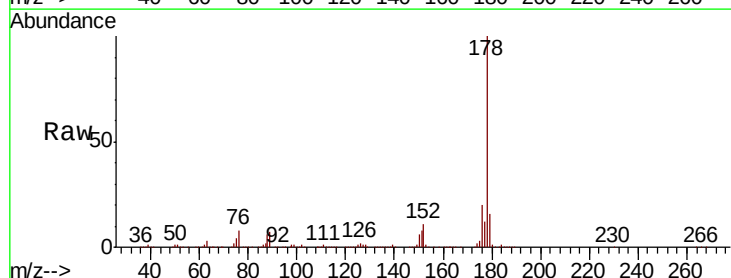
Tgt Ion:178 Resp: 1270735

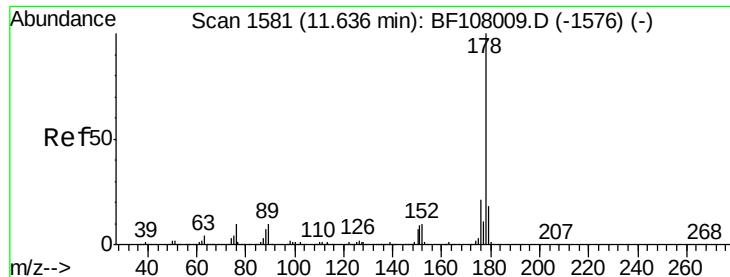
Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

179 16.0 13.0 19.6

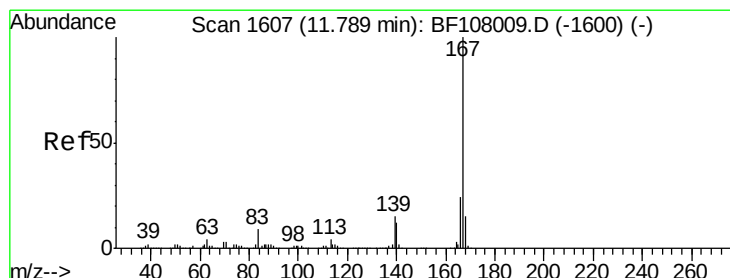
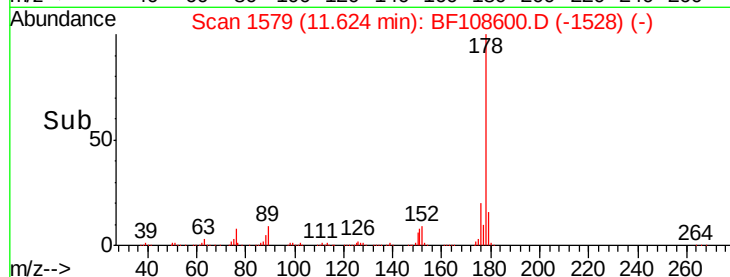
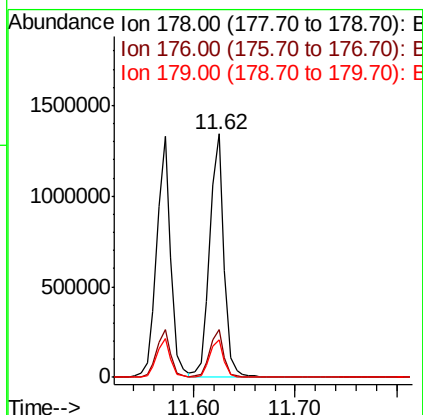
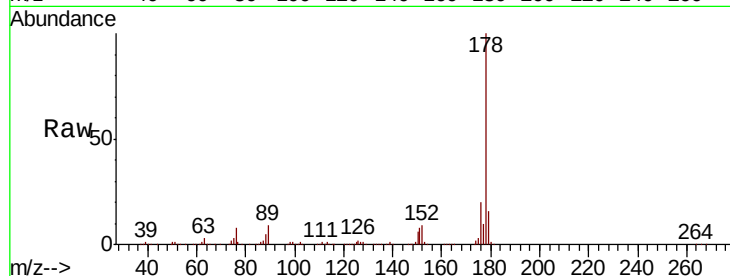




#71
 Anthracene
 Concen: 54.401 ng
 RT: 11.62 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

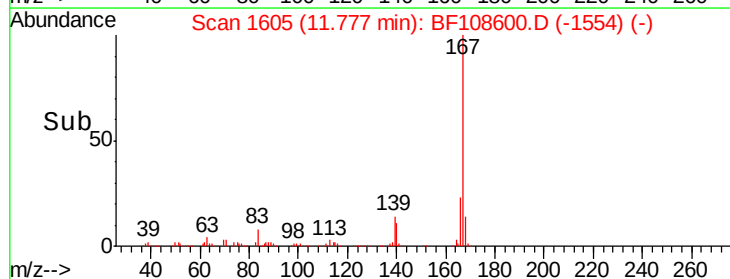
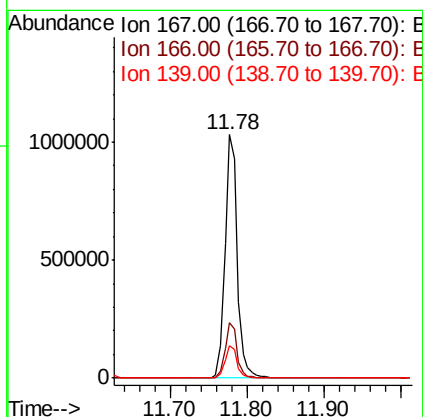
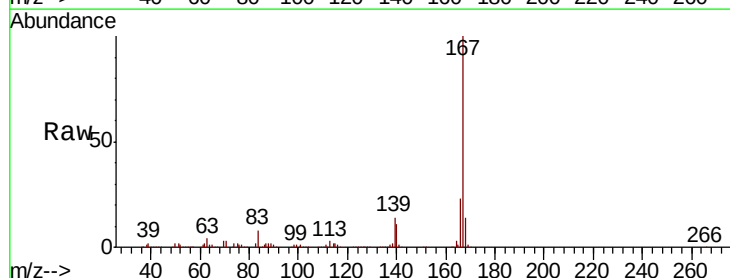
Instrument :
 BNA_F
 ClientSampleId :

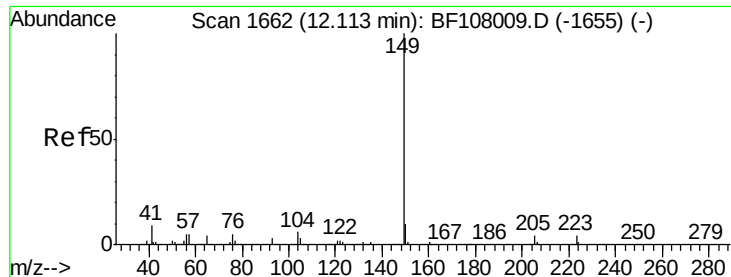
Tot Ion:178 Resp: 1315047
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 53.014 ng
 RT: 11.78 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

Tgt Ion:167 Resp: 1138587
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.6 26.4
 139 13.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 56.139 ng

RT: 12.08 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

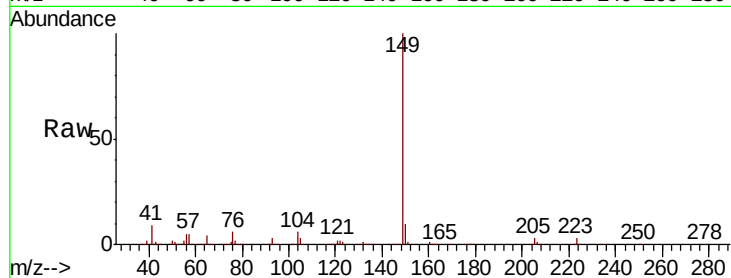
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1365697

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	5.5	3.8	5.8

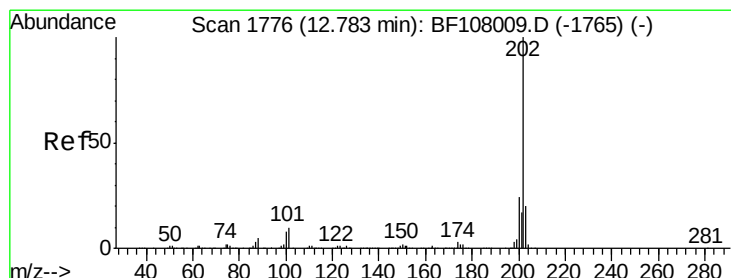
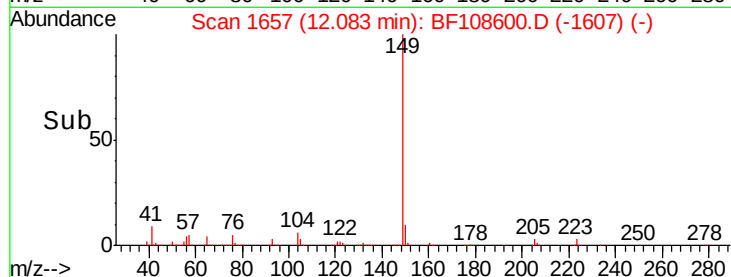
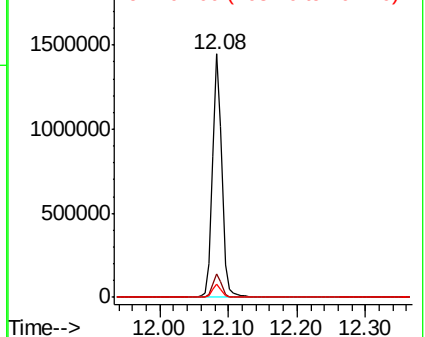


Abundance

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: 53.266 ng

RT: 12.77 min Scan# 1773

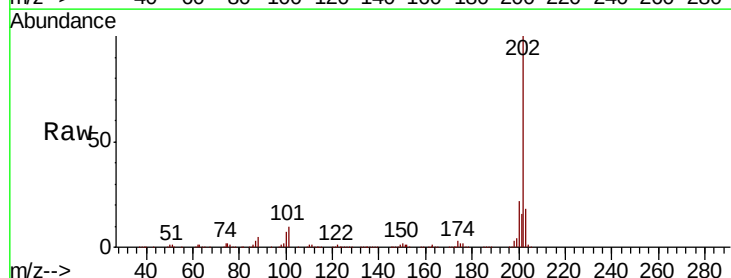
Delta R.T. -0.00 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Tgt Ion:202 Resp: 1371088

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	34.1
203	18.2	0.0	38.1

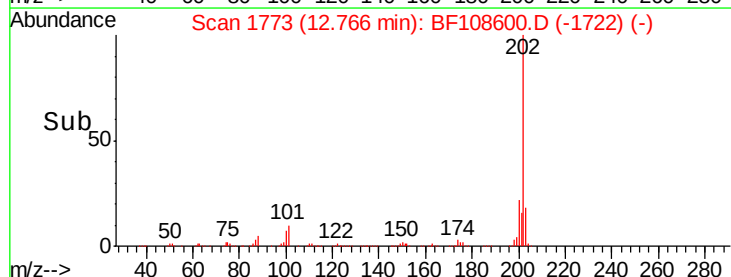
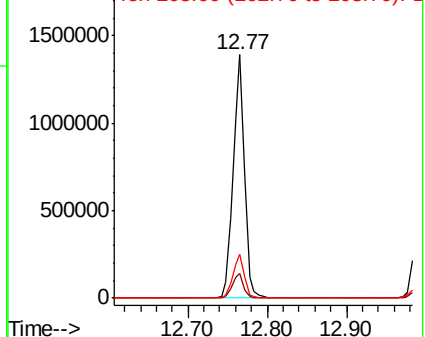


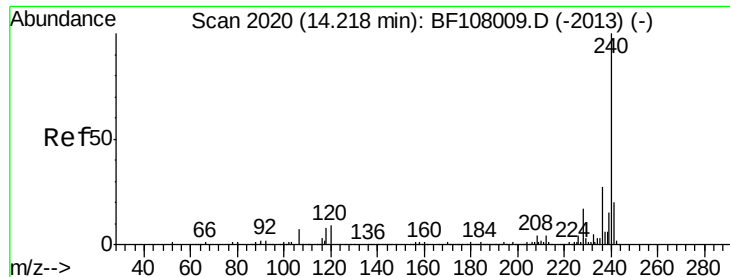
Abundance

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: 20.000 ng

RT: 14.20 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Instrument :

BNA_F

ClientSampled :

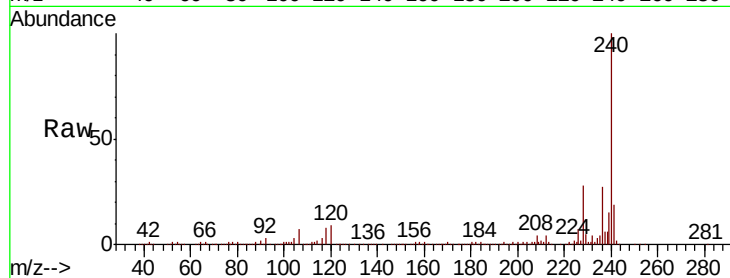
Tot Ion:240 Resp: 357409

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

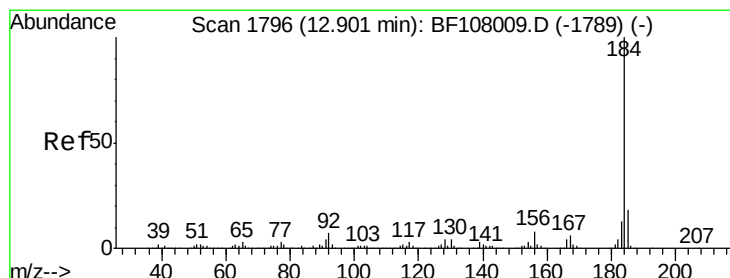
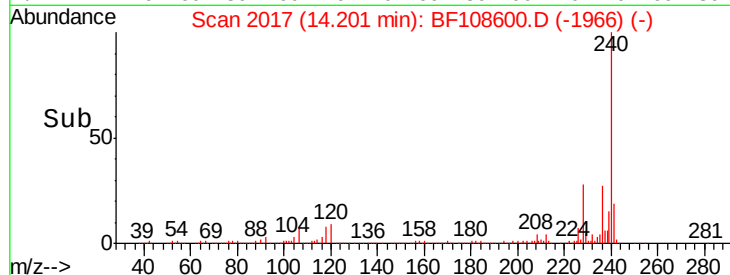
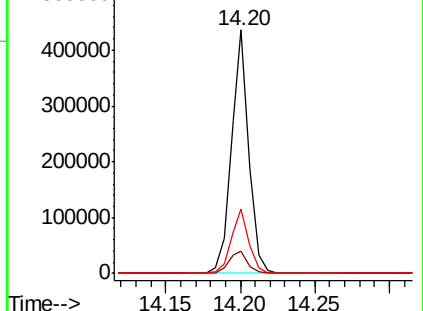
236 26.7 20.7 31.1



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: 36.766 ng

RT: 12.88 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

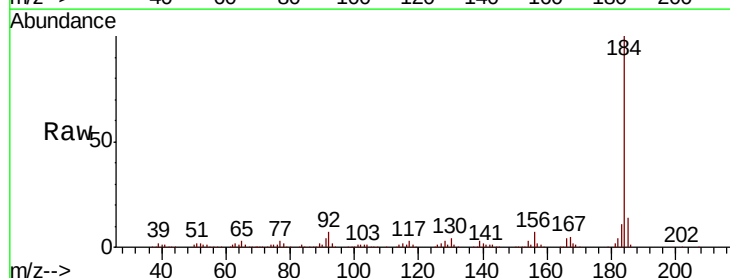
Tgt Ion:184 Resp: 490956

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

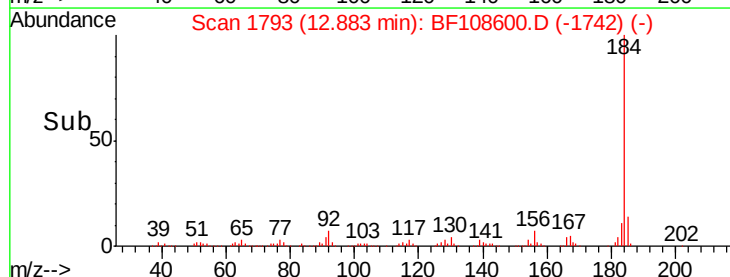
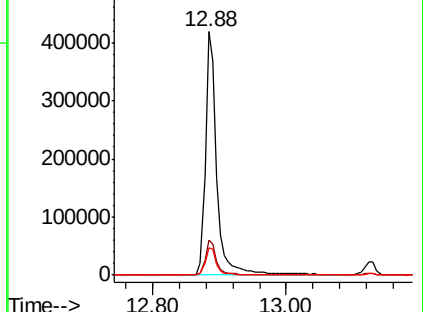
183 11.4 9.3 13.9

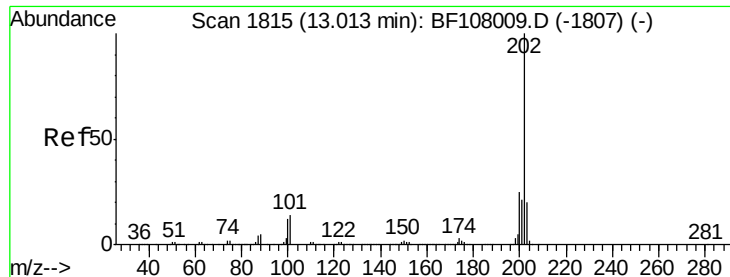


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 60.194 ng

RT: 13.00 min Scan# 1813

Delta R.T. -0.00 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Instrument :

BNA_F

ClientSampleId :

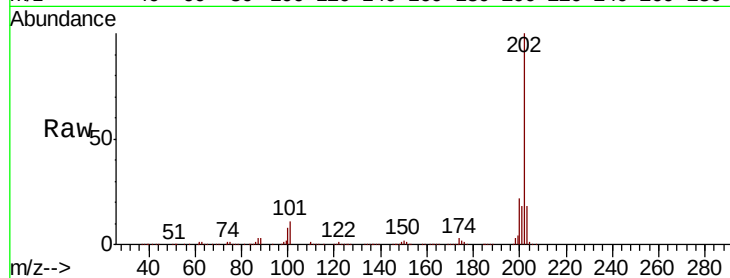
Tot Ion:202 Resp: 1362043

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

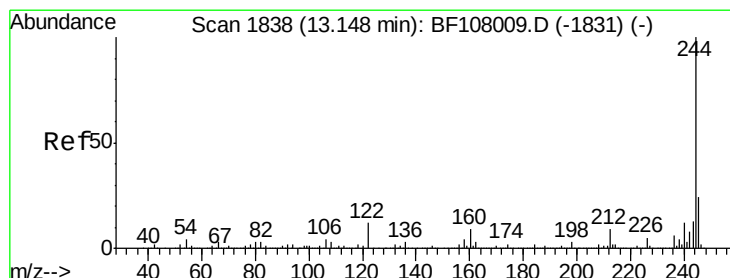
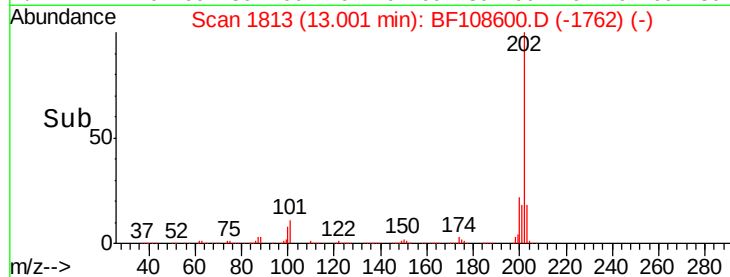
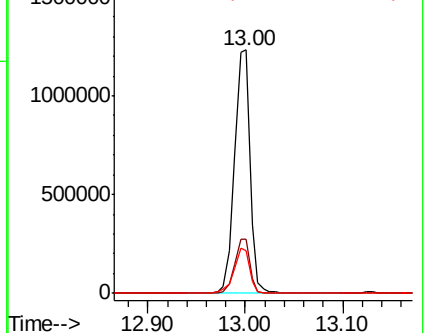
203 17.8 14.3 21.5



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



#78

Terphenyl-d14

Concen: 126.707 ng

RT: 13.13 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

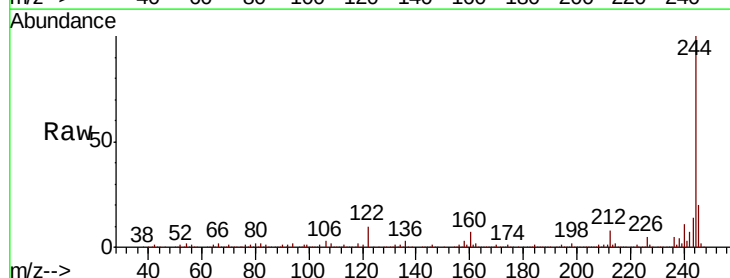
Tgt Ion:244 Resp: 1781125

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

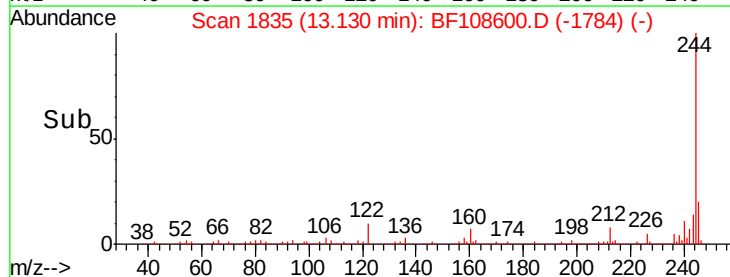
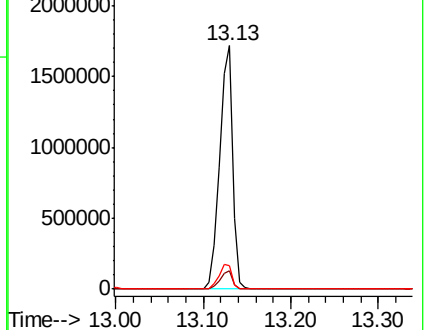
122 9.5 11.0 16.4#

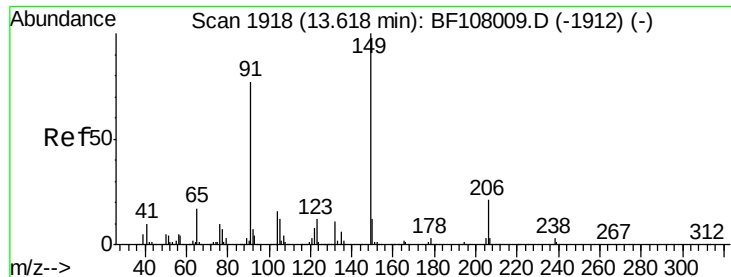


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

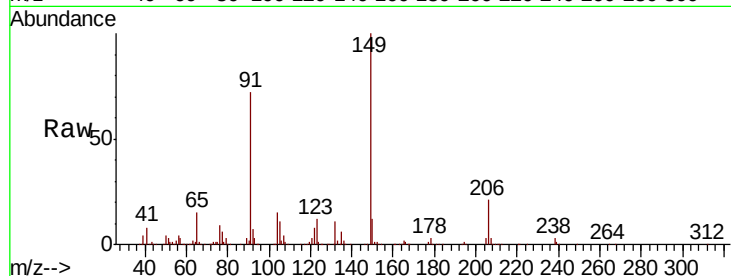




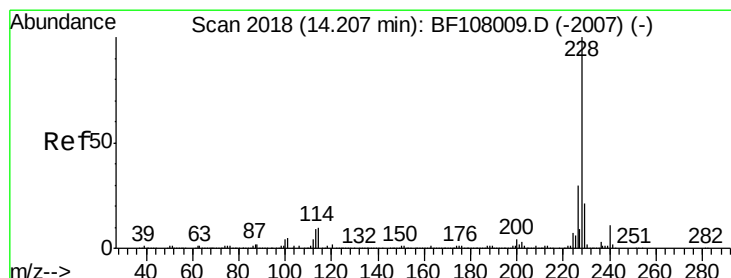
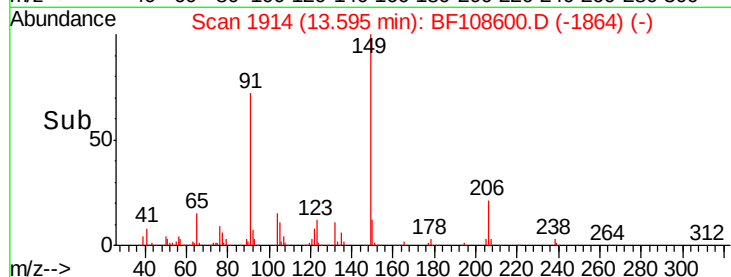
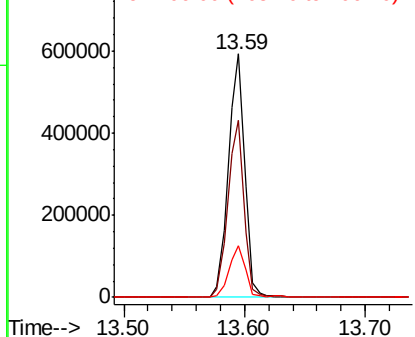
#79
Butylbenzylphthalate
Concen: 61.987 ng
RT: 13.59 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.5	56.8	85.2
206	21.5	14.1	21.1

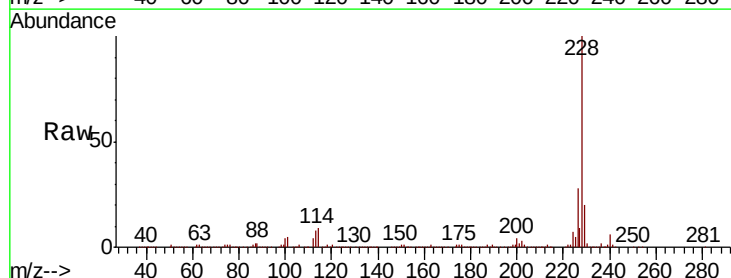


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

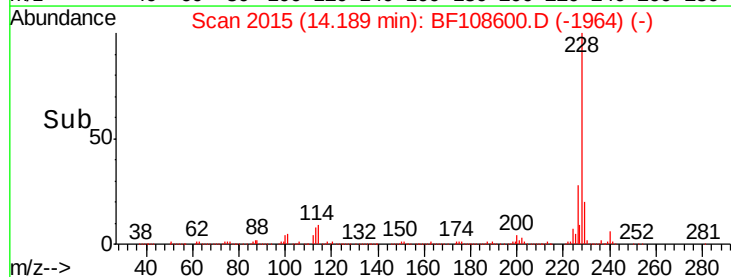
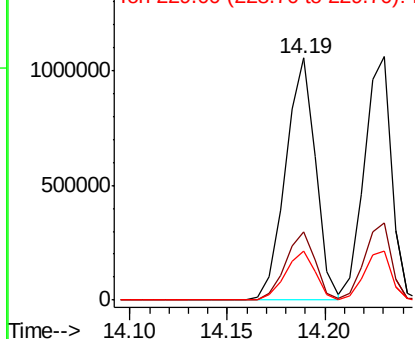


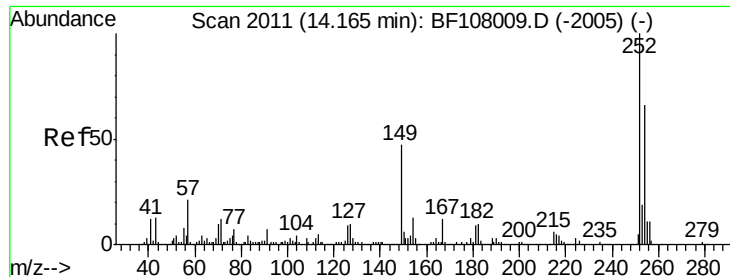
#80
Benzo(a)anthracene
Concen: 54.406 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.4	15.8	23.6



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

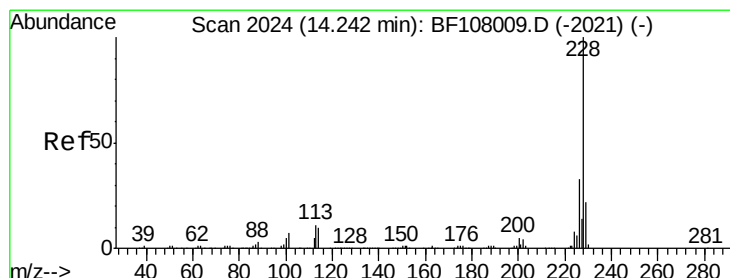
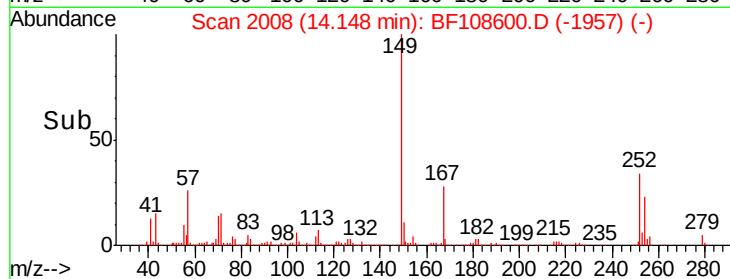
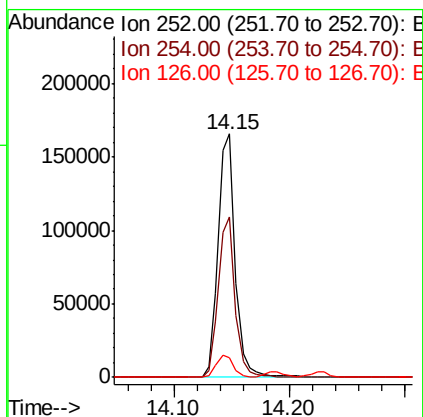
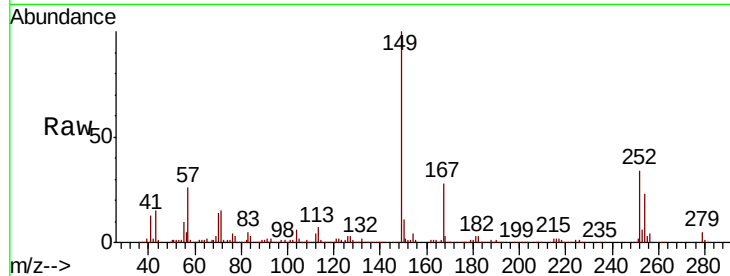




#81
 3,3'-Dichlorobenzidine
 Concen: 23.266 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

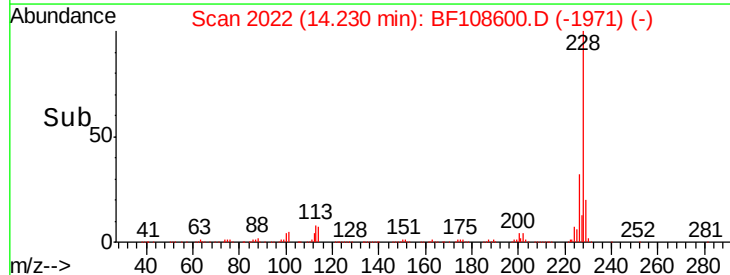
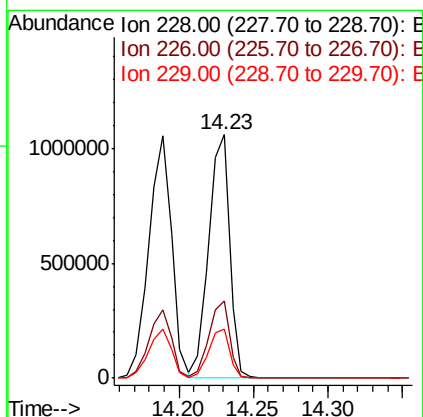
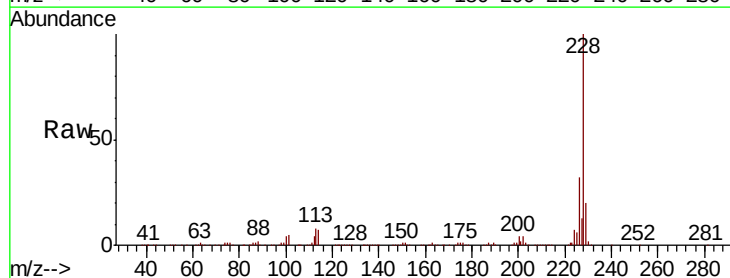
Instrument :
 BNA_F
 ClientSampleId :

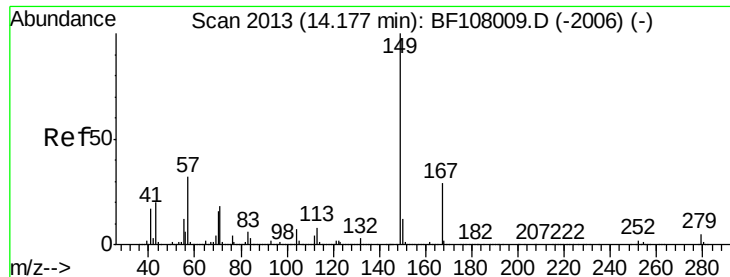
Tot Ion:252 Resp: 171022
 Ion Ratio Lower Upper
 252 100
 254 65.9 50.4 75.6
 126 8.2 11.3 16.9#



#82
 Chrysene
 Concen: 54.903 ng
 RT: 14.23 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

Tgt Ion:228 Resp: 1032446
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.0 37.6
 229 20.0 16.2 24.4

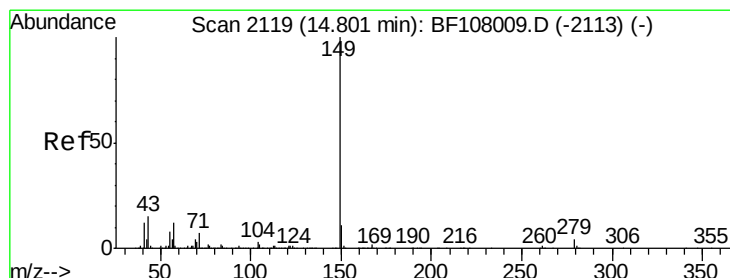
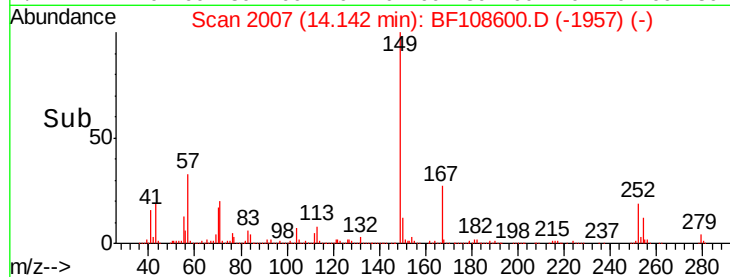
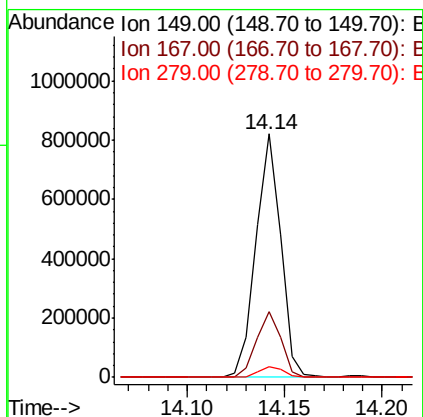
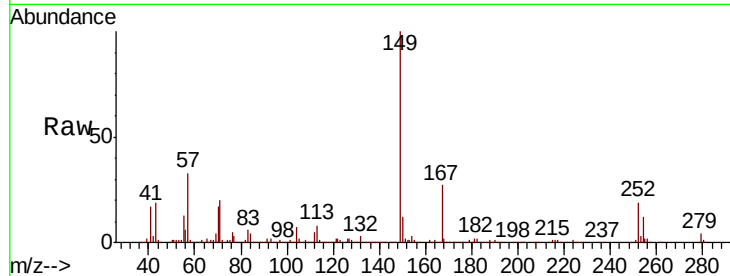




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 59.711 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

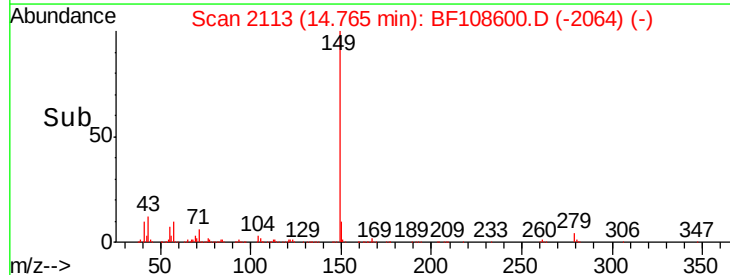
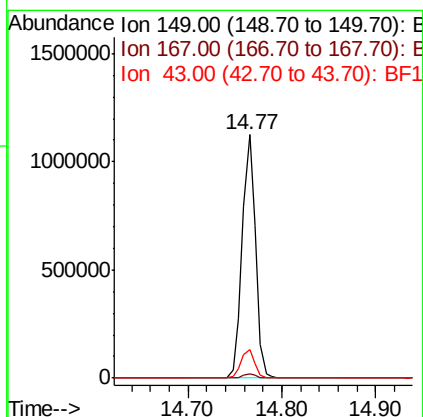
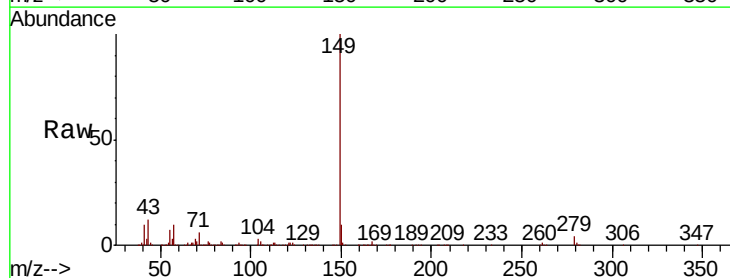
Instrument :
 BNA_F
 ClientSampleId :

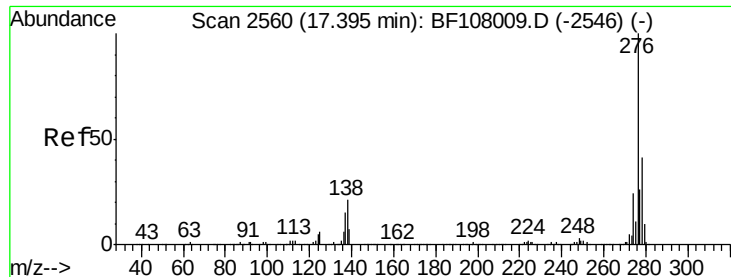
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.3	31.9
279	4.4	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 59.746 ng
 RT: 14.77 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.8	8.4	12.6

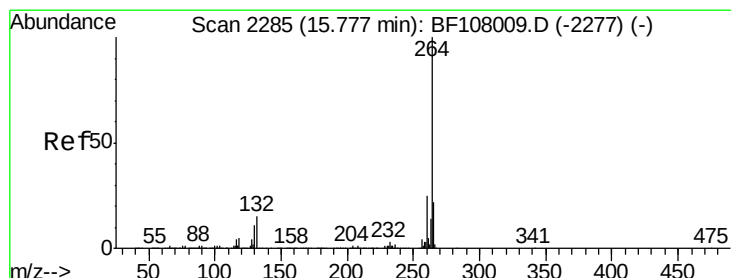
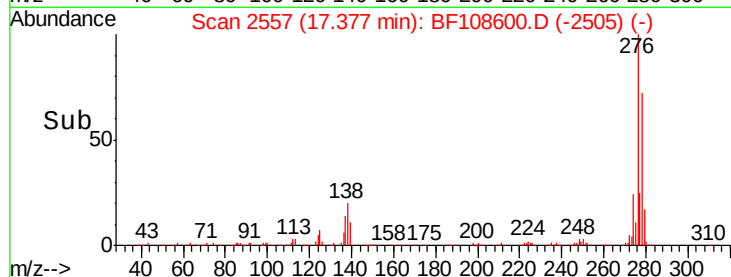
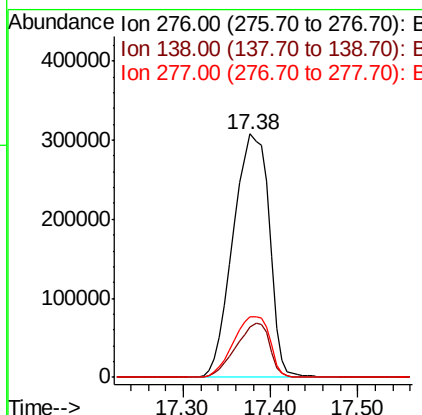
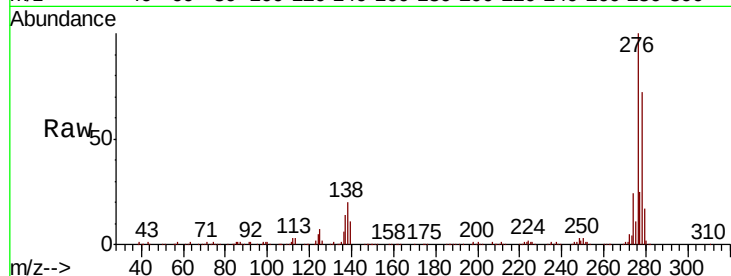




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.083 ng
 RT: 17.38 min Scan# 2557
 Delta R.T. 0.01 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

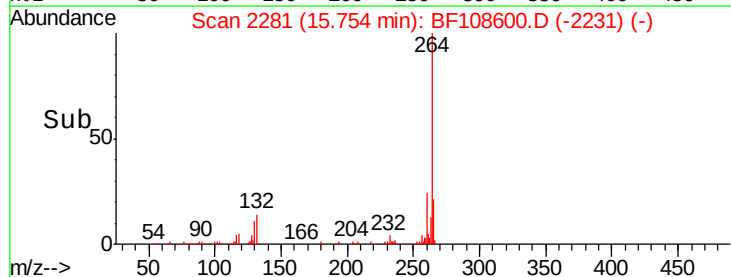
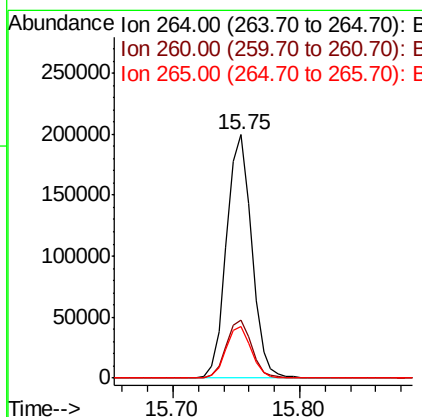
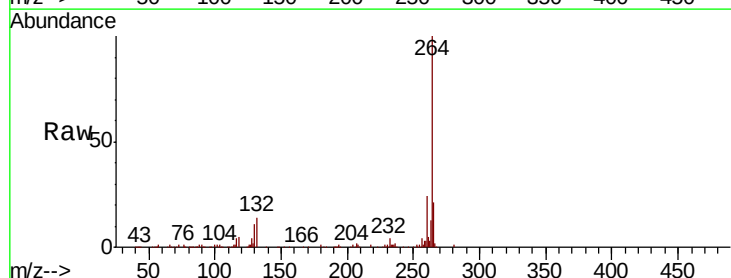
Instrument :
 BNA_F
 ClientSampleId :

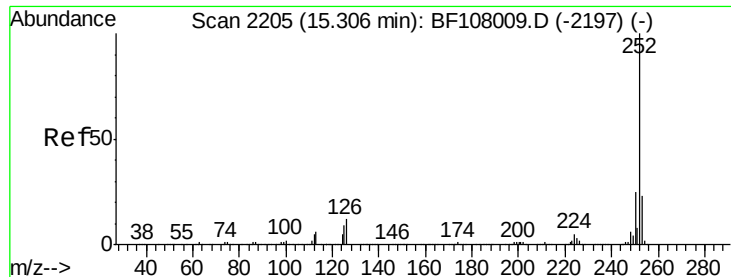
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.6	25.0	37.6#
277	25.3	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2281
 Delta R.T. -0.01 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.3	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 53.075 ng

RT: 15.29 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Instrument :

BNA_F

ClientSampled :

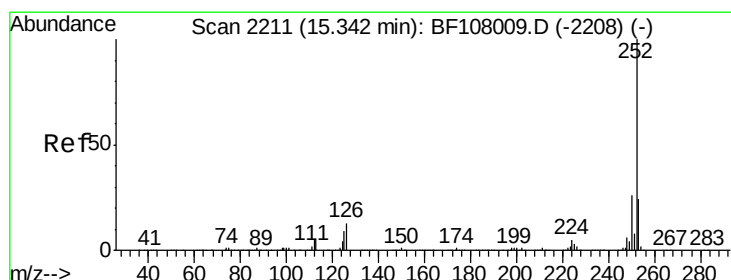
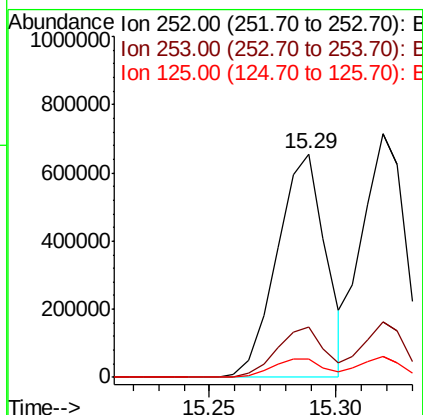
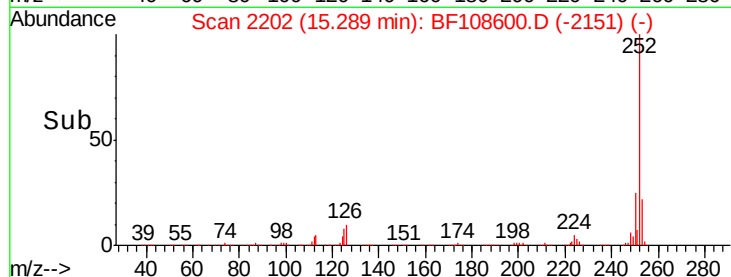
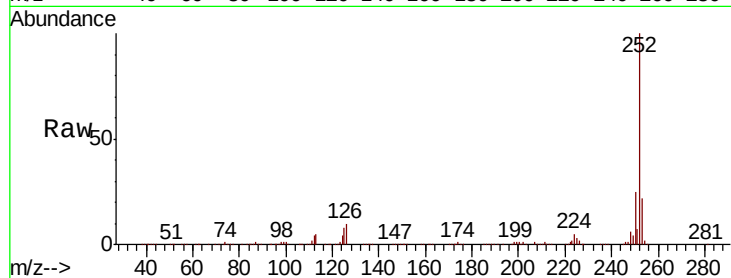
Tot Ion:252 Resp: 871933

Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.6

125 8.4 9.0 13.6#



#88

Benzo(k)fluoranthene

Concen: 56.192 ng

RT: 15.32 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

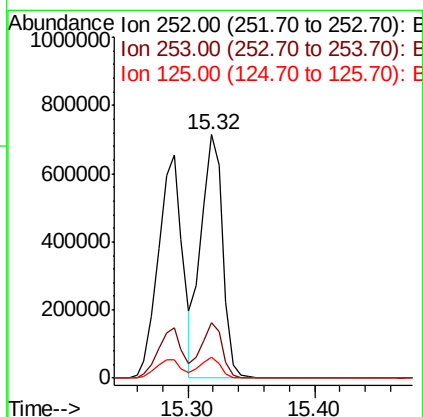
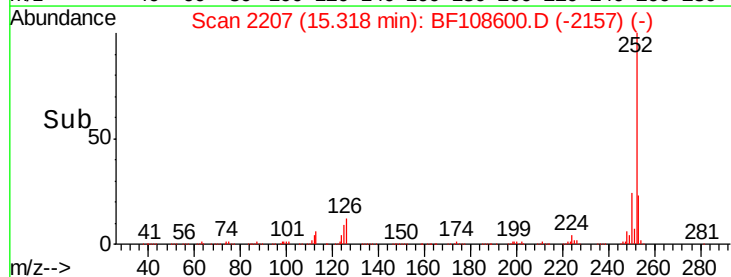
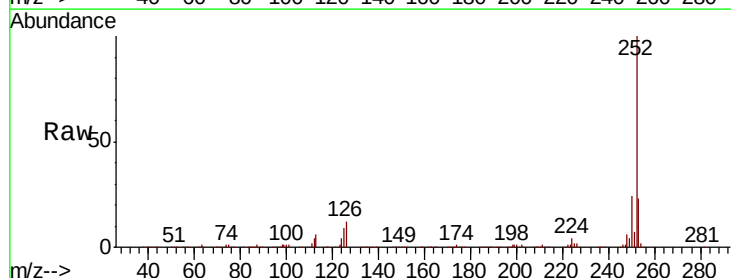
Tgt Ion:252 Resp: 848599

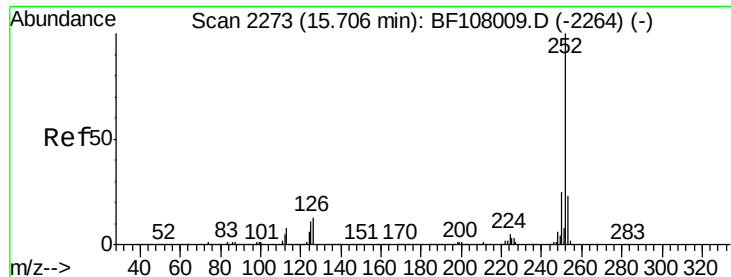
Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

125 8.5 10.2 15.2#

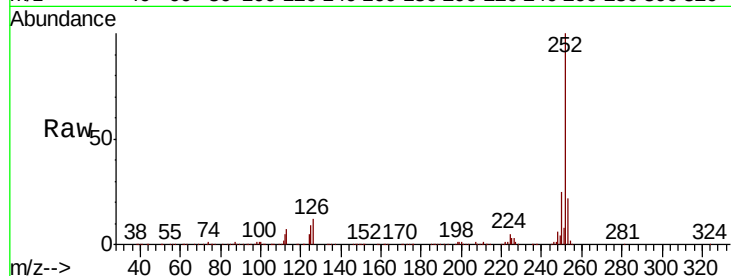




#89
Benzo(a)pyrene
Concen: 54.529 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	9.3	9.8	14.6

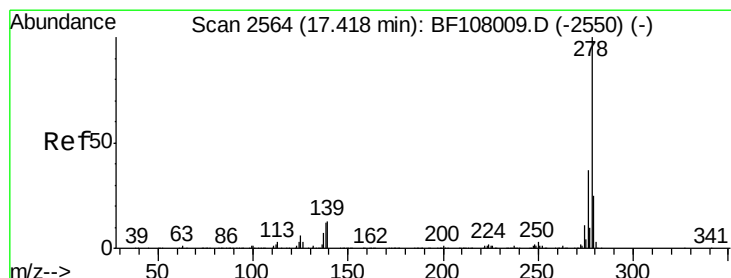
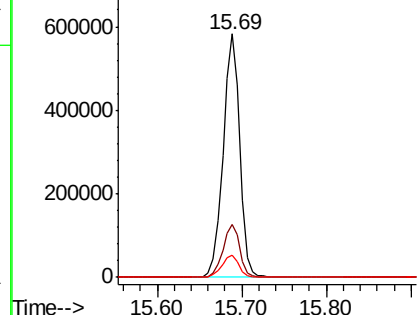
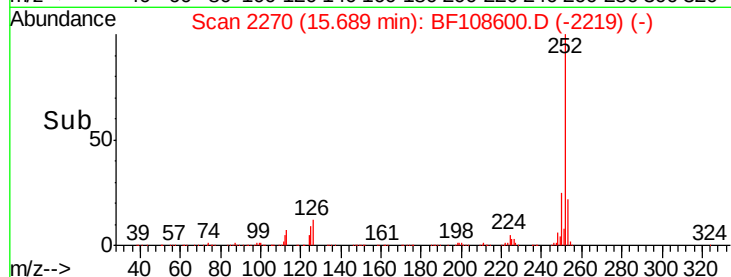


Abundance

Ion 252.00 (251.70 to 252.70): E

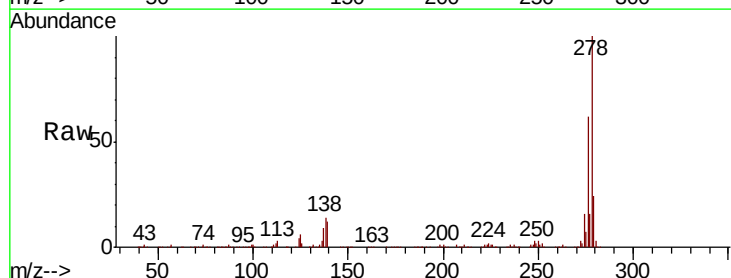
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 59.926 ng
RT: 17.39 min Scan# 2560
Delta R.T. 0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.3	15.9	23.9
279	23.5	19.0	28.4

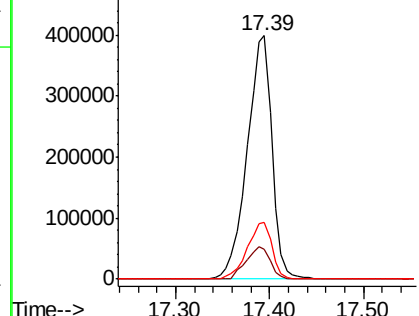
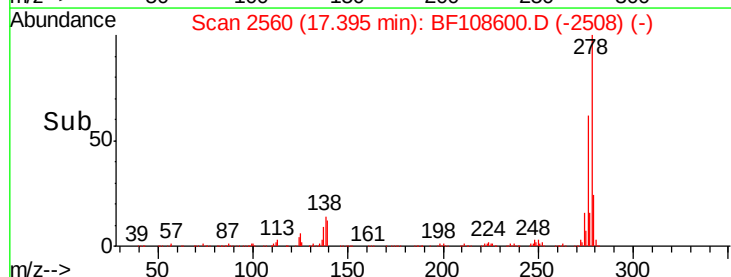


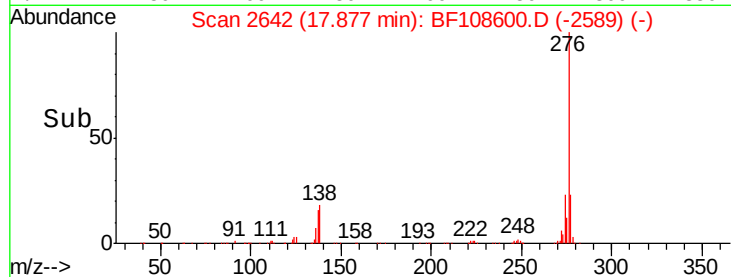
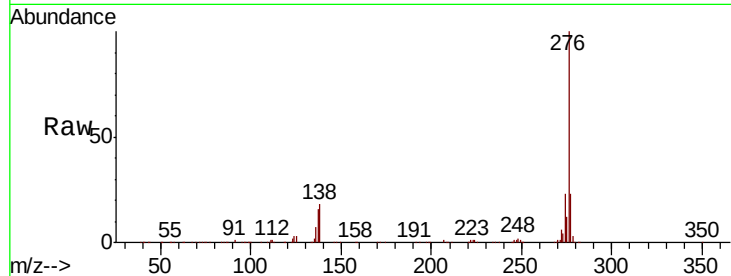
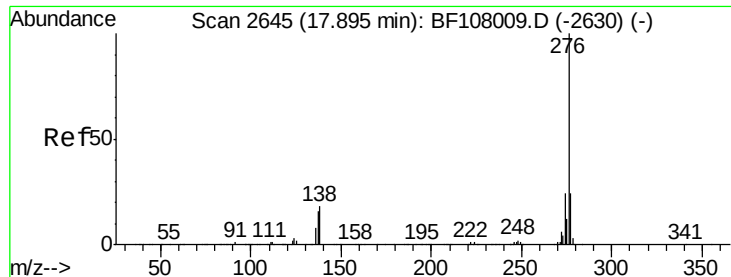
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 61.072 ng

RT: 17.88 min Scan# 2642

Delta R.T. 0.01 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 731988

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 18.0 21.8 32.8#

