

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082818\
 Data File : BF108590.D
 Acq On : 29 Aug 2018 7:26
 Operator : JU/SJ
 Sample : PB112433BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BS

Quant Time: Aug 29 07:56:55 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	107544	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	398874	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	190331	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	314610	20.00	ng	0.00
75) Chrysene-d12	14.19	240	258286	20.00	ng	0.00
86) Perylene-d12	15.75	264	214477	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	603474	101.59	ng	0.01
7) Phenol-d6	6.64	99	809970	102.61	ng	0.00
23) Nitrobenzene-d5	7.57	82	784341	109.73	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	196874	103.70	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1451099	122.40	ng	0.00
78) Terphenyl-d14	13.12	244	1102463	108.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.95	88	108307	35.484	ng	88
3) Pyridine	3.72	79	298452	37.958	ng	86
4) n-Nitrosodimethylamine	3.69	42	165972	37.514	ng	# 82
6) Aniline	6.67	93	291161	27.117	ng	# 81
8) 2-Chlorophenol	6.79	128	332497	49.699	ng	95
9) Benzaldehyde	6.56	77	190783	31.173	ng	98
10) Phenol	6.65	94	405674	49.684	ng	90
11) bis(2-Chloroethyl)ether	6.73	93	291822	44.208	ng	91
12) 1,3-Dichlorobenzene	6.94	146	377921	48.854	ng	99
13) 1,4-Dichlorobenzene	7.02	146	396636	51.033	ng	97
14) 1,2-Dichlorobenzene	7.17	146	362593	50.155	ng	96
15) Benzyl Alcohol	7.14	79	299204	45.025	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.27	45	589698	43.364	ng	83
17) 2-Methylphenol	7.25	107	282521	49.243	ng	# 91
18) Hexachloroethane	7.51	117	131060	47.365	ng	93
19) n-Nitroso-di-n-propylamine	7.41	70	248134	46.485	ng	91
20) 3+4-Methylphenols	7.40	107	362557	49.313	ng	# 69
22) Acetophenone	7.41	105	490022	52.540	ng	# 90
24) Nitrobenzene	7.58	77	373347	51.651	ng	94
25) Isophorone	7.82	82	669312	49.125	ng	97
26) 2-Nitrophenol	7.90	139	161854	59.293	ng	91
27) 2,4-Dimethylphenol	7.93	122	304136	50.296	ng	97
28) bis(2-Chloroethoxy)methane	8.02	93	406265	51.079	ng	99
29) 2,4-Dichlorophenol	8.14	162	302817	54.416	ng	100
30) 1,2,4-Trichlorobenzene	8.22	180	321392	52.383	ng	97
31) Naphthalene	8.31	128	1002370	55.258	ng	100
32) Benzoic acid	8.06	122	123521	36.794	ng	94
33) 4-Chloroaniline	8.36	127	117361	14.846	ng	99
34) Hexachlorobutadiene	8.41	225	207291	53.370	ng	97
35) Caprolactam	8.73	113	82522	47.321	ng	# 81
36) 4-Chloro-3-methylphenol	8.84	107	309161	51.499	ng	98
37) 2-Methylnaphthalene	9.00	142	668150	52.060	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	339505	58.086	ng	97
40) Hexachlorocyclopentadiene	9.14	237	106157	28.119	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082818\
 Data File : BF108590.D
 Acq On : 29 Aug 2018 7:26
 Operator : JU/SJ
 Sample : PB112433BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BS

Quant Time: Aug 29 07:56:55 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

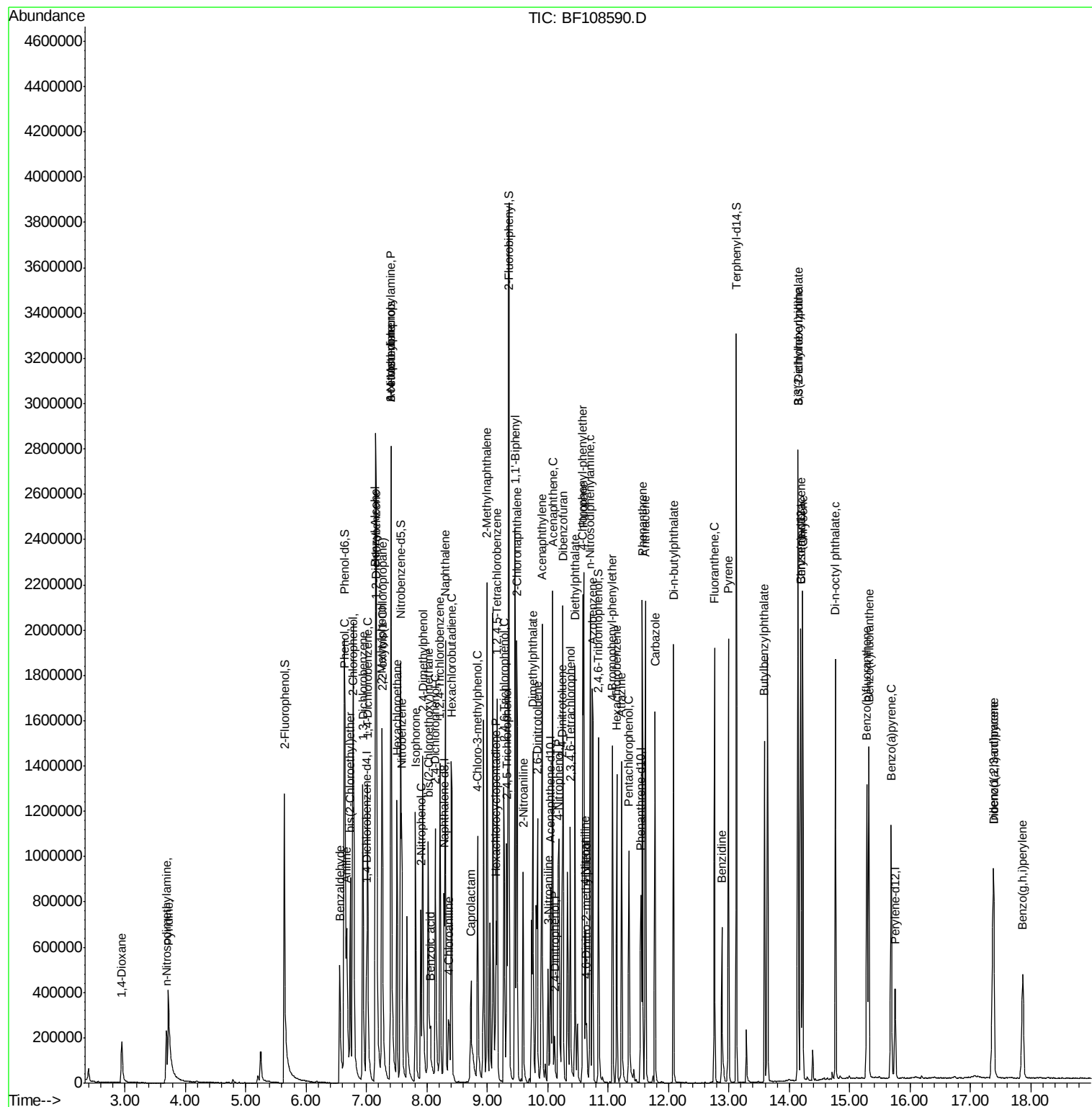
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	207862	57.309	ng	99
43) 2,4,5-Trichlorophenol	9.32	196	219323	54.931	ng	# 95
45) 1,1'-Biphenyl	9.46	154	810412	57.750	ng	98
46) 2-Chloronaphthalene	9.49	162	616703	55.603	ng	99
47) 2-Nitroaniline	9.59	65	200167	55.777	ng	84
48) Acenaphthylene	9.91	152	964227	54.990	ng	100
49) Dimethylphthalate	9.76	163	741508	55.929	ng	# 99
50) 2,6-Dinitrotoluene	9.83	165	155116	55.921	ng	96
51) Acenaphthene	10.08	154	567096	52.803	ng	99
52) 3-Nitroaniline	10.01	138	88155	29.047	ng	95
53) 2,4-Dinitrophenol	10.11	184	30418	33.751	ng	# 32
54) Dibenzofuran	10.25	168	825167	53.033	ng	98
55) 4-Nitrophenol	10.17	139	172651	75.124	ng	# 80
56) 2,4-Dinitrotoluene	10.24	165	192423	53.893	ng	# 97
57) Fluorene	10.60	166	642653	52.175	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	174426	52.267	ng	# 83
59) Diethylphthalate	10.45	149	698846	54.434	ng	97
60) 4-Chlorophenyl-phenylether	10.58	204	342395	53.348	ng	90
61) 4-Nitroaniline	10.62	138	112859	37.612	ng	87
62) Azobenzene	10.74	77	660941	49.850	ng	94
64) 4,6-Dinitro-2-methylphenol	10.65	198	29481	27.532	ng	85
65) n-Nitrosodiphenylamine	10.71	169	574323	61.775	ng	96
66) 4-Bromophenyl-phenylether	11.08	248	207883	60.803	ng	# 84
67) Hexachlorobenzene	11.15	284	204941	56.971	ng	# 84
68) Atrazine	11.22	200	184336	59.115	ng	97
69) Pentachlorophenol	11.34	266	161253	93.653	ng	95
70) Phenanthrene	11.57	178	817439	55.087	ng	99
71) Anthracene	11.62	178	842682	55.407	ng	99
72) Carbazole	11.78	167	690633	51.110	ng	99
73) Di-n-butylphthalate	12.08	149	927113	60.573	ng	99
74) Fluoranthene	12.76	202	810428	50.042	ng	96
76) Benzidine	12.88	184	309957	32.119	ng	99
77) Pyrene	12.99	202	810969	49.594	ng	100
79) Butylbenzylphthalate	13.59	149	338628	52.151	ng	95
80) Benzo(a)anthracene	14.19	228	795114	53.641	ng	99
81) 3,3'-Dichlorobenzidine	14.14	252	227290	42.787	ng	# 95
82) Chrysene	14.22	228	739433	54.412	ng	100
83) Bis(2-ethylhexyl)phthalate	14.14	149	460400	52.360	ng	99
84) Di-n-octyl phthalate	14.77	149	833344	62.143	ng	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	548460	46.579	ng	# 90
87) Benzo(b)fluoranthene	15.28	252	720394	56.211	ng	# 97
88) Benzo(k)fluoranthene	15.32	252	658989	55.937	ng	# 96
89) Benzo(a)pyrene	15.69	252	623930	54.367	ng	# 96
90) Dibenzo(a,h)anthracene	17.38	278	471185	49.622	ng	# 93
91) Benzo(g,h,i)perylene	17.87	276	437600	46.802	ng	# 89

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082818\
Data File : BF108590.D
Acq On : 29 Aug 2018 7:26
Operator : JU/SJ
Sample : PB112433BS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112433BS

Quant Time: Aug 29 07:56:55 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



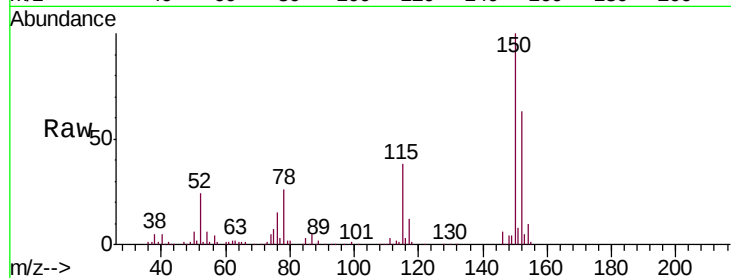


#1

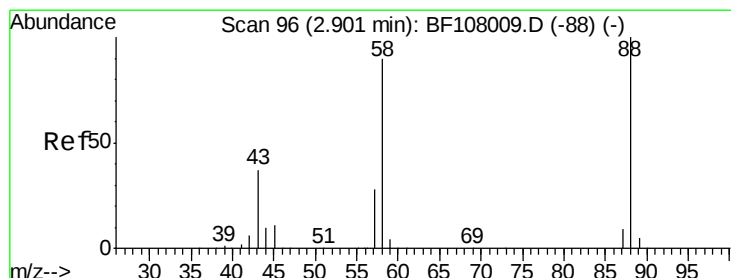
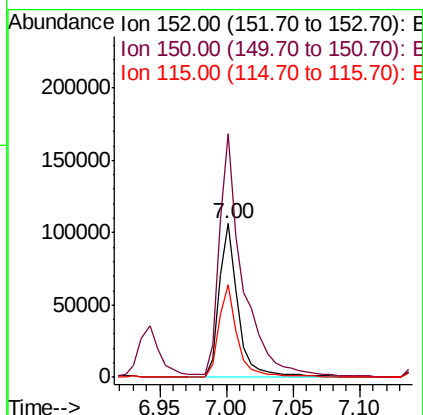
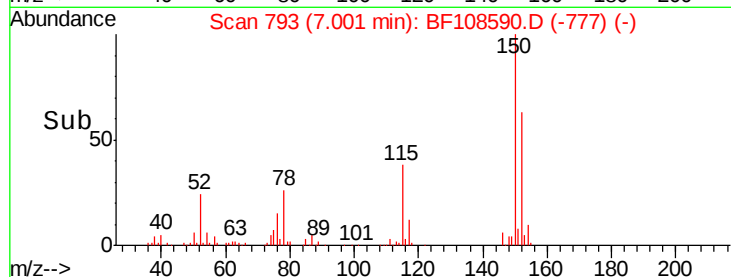
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108590.D
Acq: 29 Aug 2018 7:26

Instrument :
BNA_F
ClientSampleId :
PB112433BS

Tgt Ion:152 Resp: 107544
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 60.4 50.1 75.1



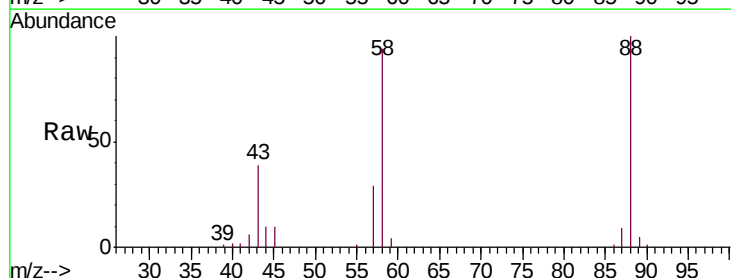
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



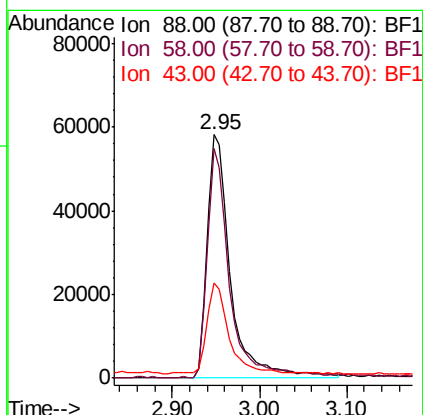
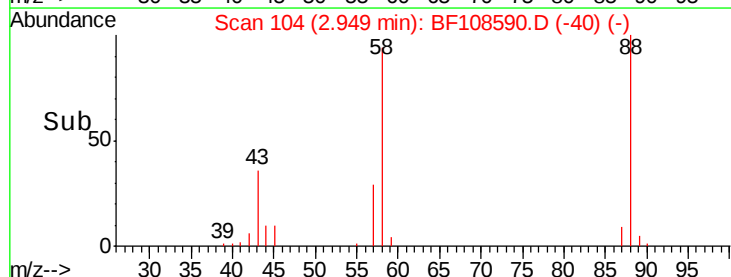
#2

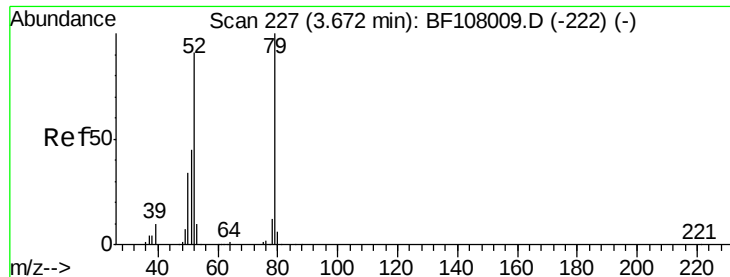
1,4-Dioxane
Concen: 35.484 ng
RT: 2.95 min Scan# 104
Delta R.T. 0.08 min
Lab File: BF108590.D
Acq: 29 Aug 2018 7:26

Tgt Ion: 88 Resp: 108307
Ion Ratio Lower Upper
88 100
58 90.6 62.6 93.8
43 34.6 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

Pyridine

Concen: 37.958 ng

RT: 3.72 min Scan# 235

Delta R.T. 0.06 min

Lab File: BF108590.D

Acq: 29 Aug 2018 7:26

Instrument :

BNA_F

ClientSampleId :

PB112433BS

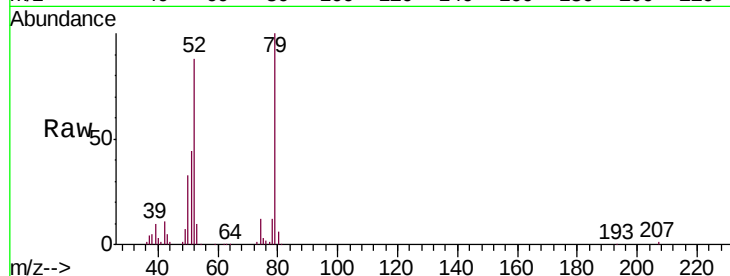
Tgt Ion: 79 Resp: 298452

Ion Ratio Lower Upper

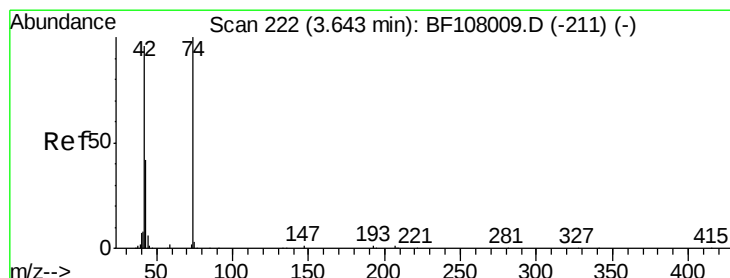
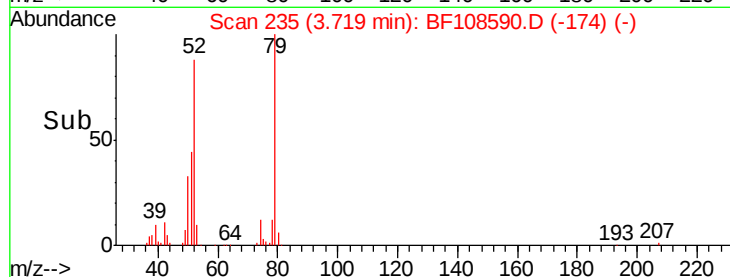
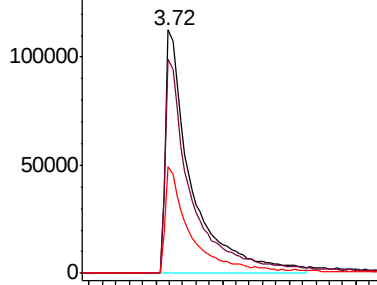
79 100

52 87.7 59.8 89.6

51 43.8 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: 37.514 ng

RT: 3.69 min Scan# 230

Delta R.T. 0.06 min

Lab File: BF108590.D

Acq: 29 Aug 2018 7:26

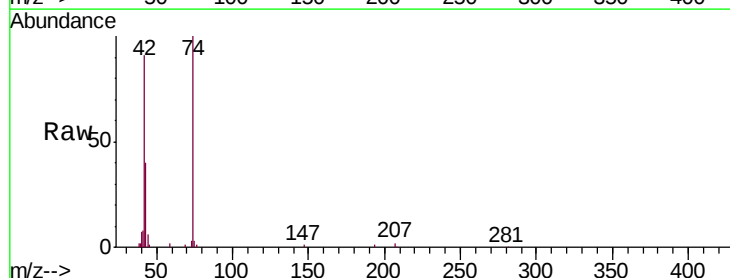
Tgt Ion: 42 Resp: 165972

Ion Ratio Lower Upper

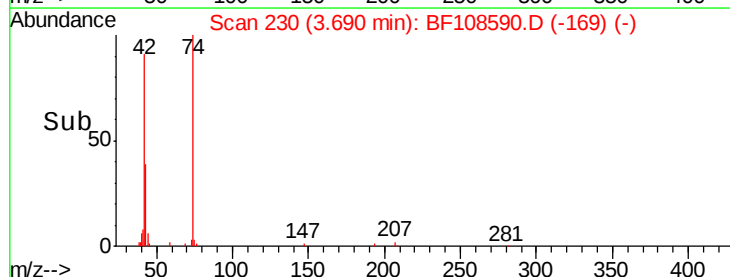
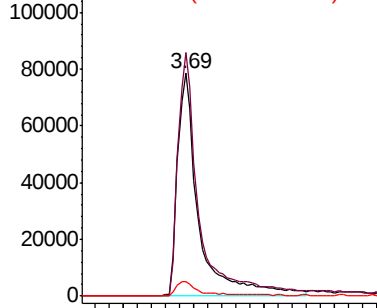
42 100

74 109.3 104.9 157.3

44 6.8 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: 101.592 ng

RT: 5.64 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF108590.D

Acq: 29 Aug 2018 7:26

Instrument :

BNA_F

ClientSampleId :

PB112433BS

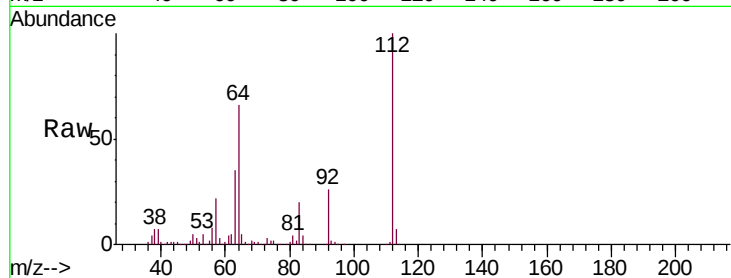
Tgt Ion: 112 Resp: 603474

Ion Ratio Lower Upper

112 100

64 66.4 47.9 71.9

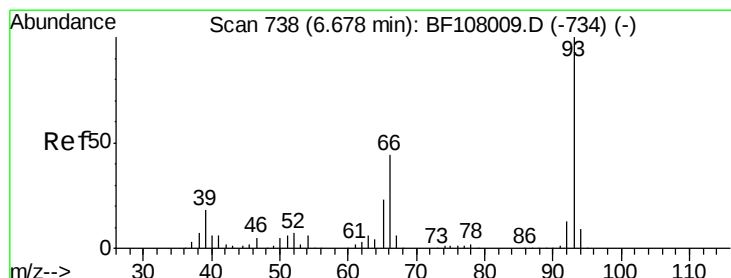
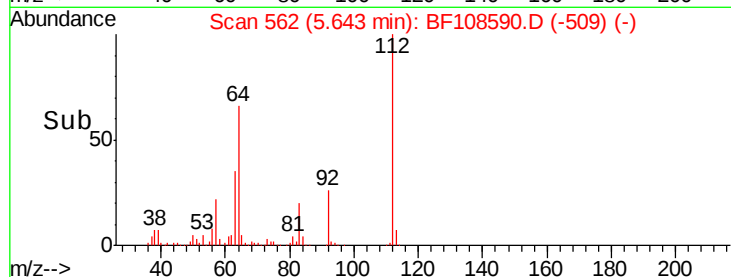
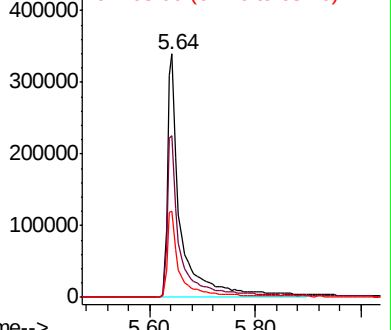
63 35.2 23.7 35.5



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: 27.117 ng

RT: 6.67 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF108590.D

Acq: 29 Aug 2018 7:26

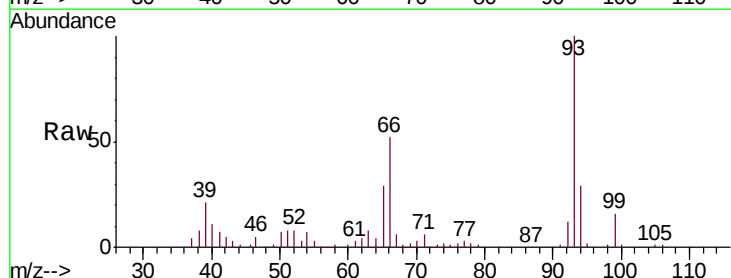
Tgt Ion: 93 Resp: 291161

Ion Ratio Lower Upper

93 100

66 52.1 32.2 48.2#

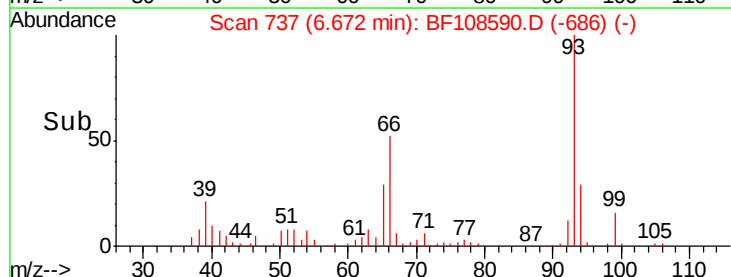
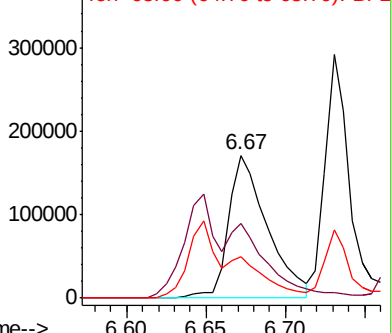
65 29.0 16.4 24.6#

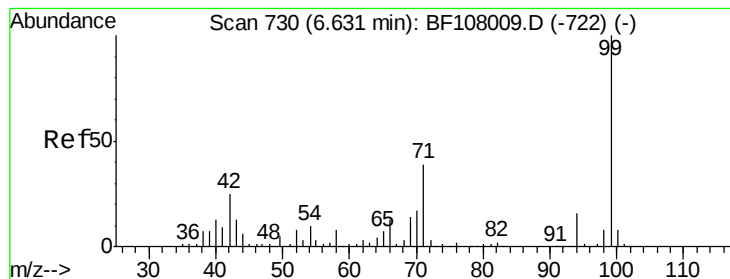


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 102.610 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108590.D

Acq: 29 Aug 2018 7:26

Instrument :

BNA_F

ClientSampleId :

PB112433BS

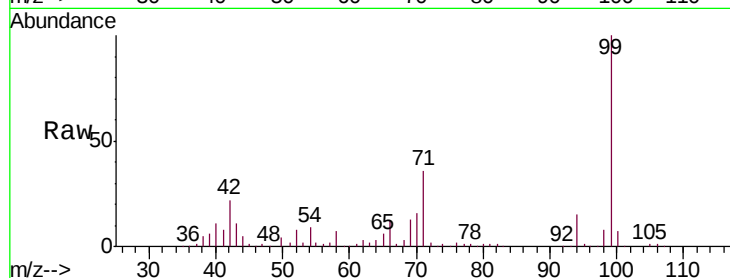
Tgt Ion: 99 Resp: 809970

Ion Ratio Lower Upper

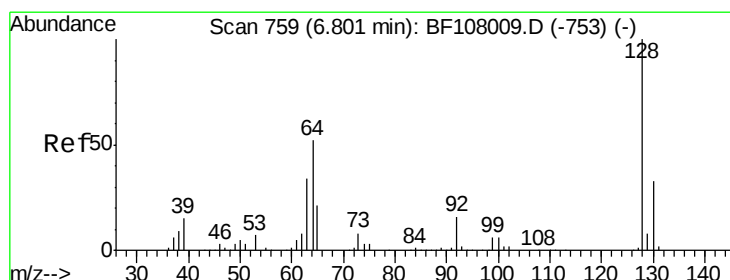
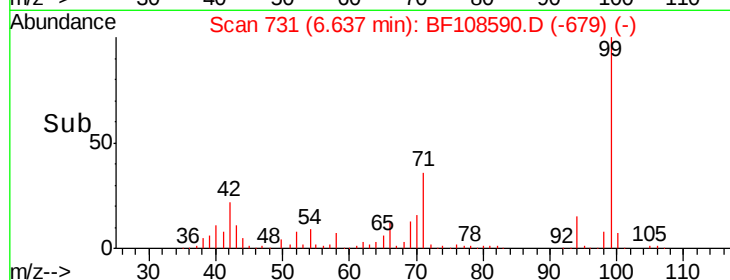
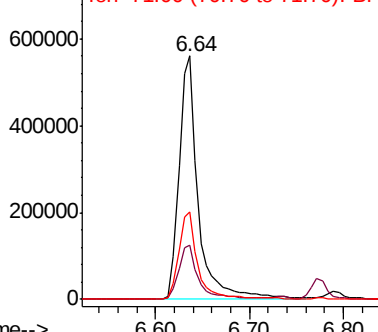
99 100

42 22.1 14.5 21.7#

71 36.1 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: 49.699 ng

RT: 6.79 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF108590.D

Acq: 29 Aug 2018 7:26

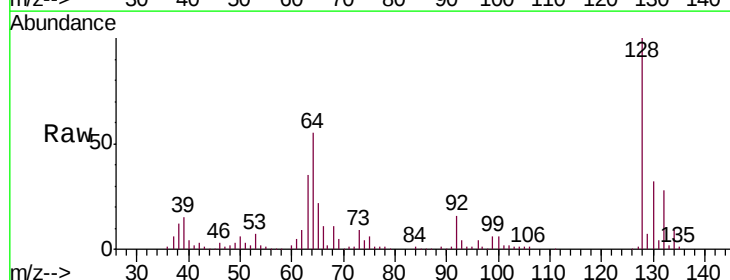
Tgt Ion: 128 Resp: 332497

Ion Ratio Lower Upper

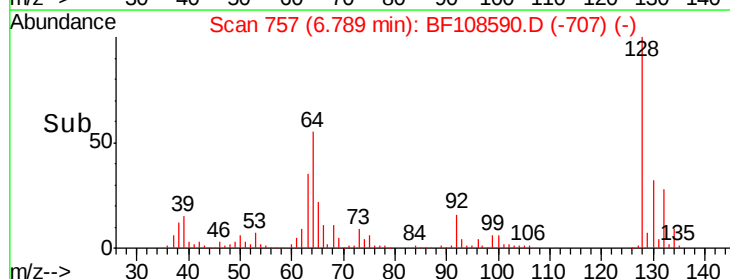
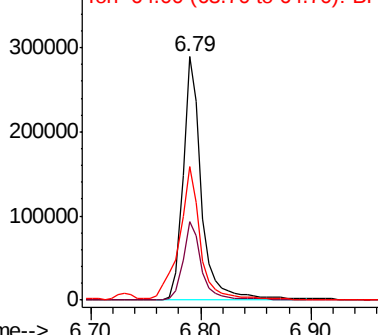
128 100

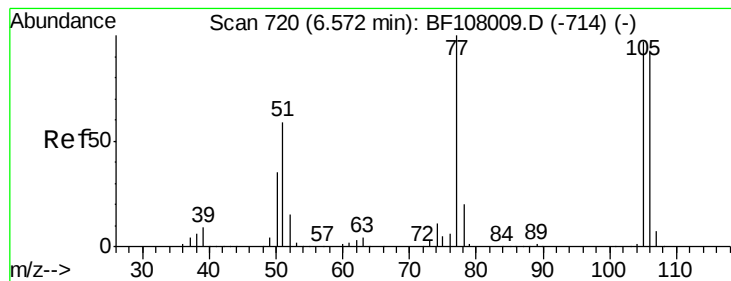
130 32.1 13.0 53.0

64 54.9 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: 31.173 ng

RT: 6.56 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF108590.D

Acq: 29 Aug 2018 7:26

Instrument :

BNA_F

ClientSampleId :

PB112433BS

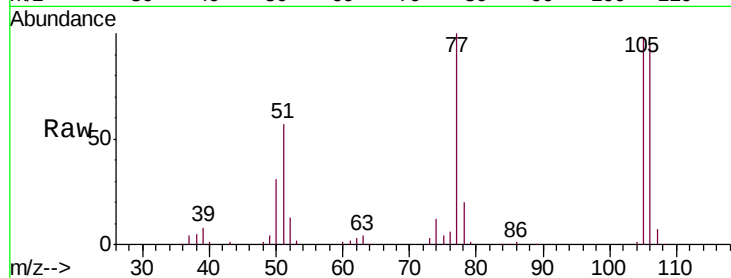
Tgt Ion: 77 Resp: 190783

Ion Ratio Lower Upper

77 100

105 98.3 81.1 121.1

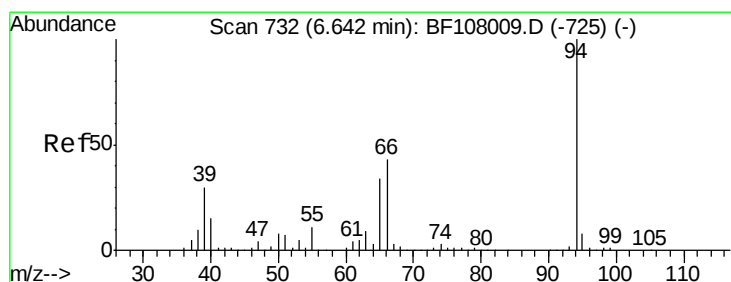
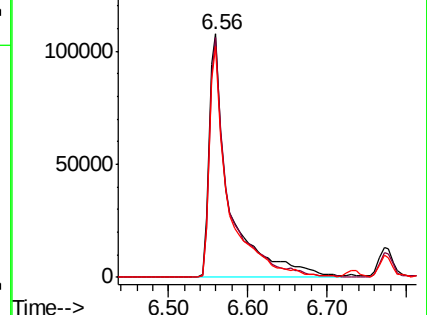
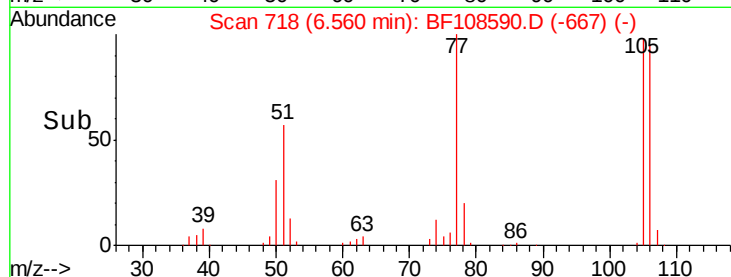
106 94.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 49.684 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF108590.D

Acq: 29 Aug 2018 7:26

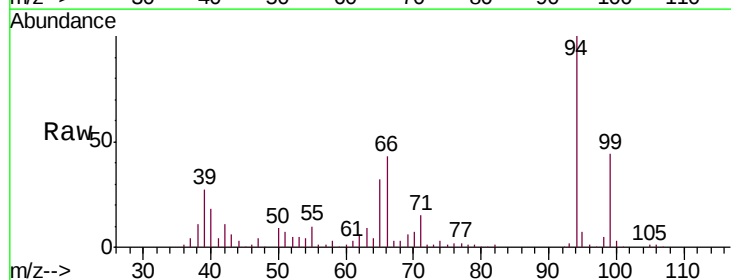
Tgt Ion: 94 Resp: 405674

Ion Ratio Lower Upper

94 100

65 31.7 7.9 47.9

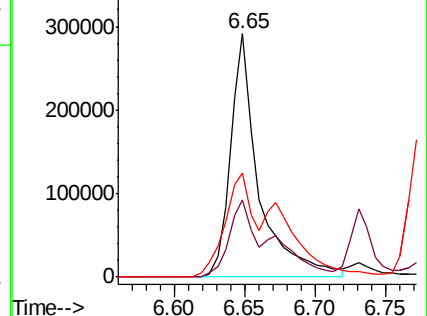
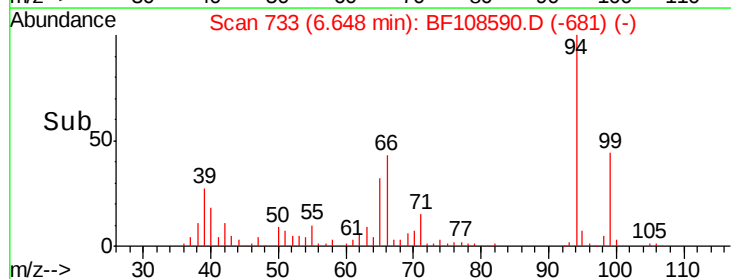
66 43.0 16.2 56.2

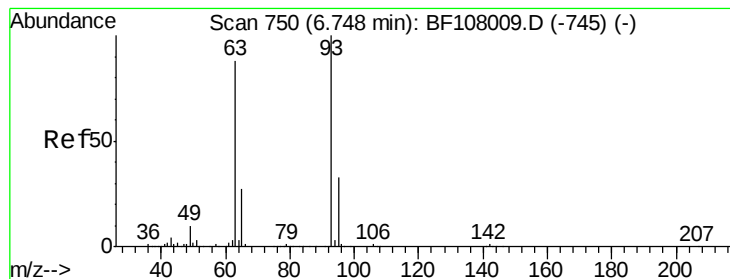


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 44.208 ng

RT: 6.73 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF108590.D

Acq: 29 Aug 2018 7:26

Instrument :

BNA_F

ClientSampleId :

PB112433BS

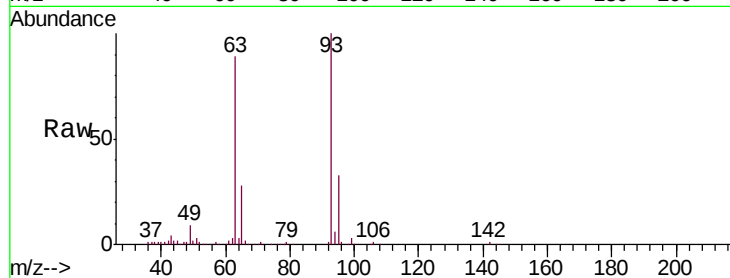
Tgt Ion: 93 Resp: 291822

Ion Ratio Lower Upper

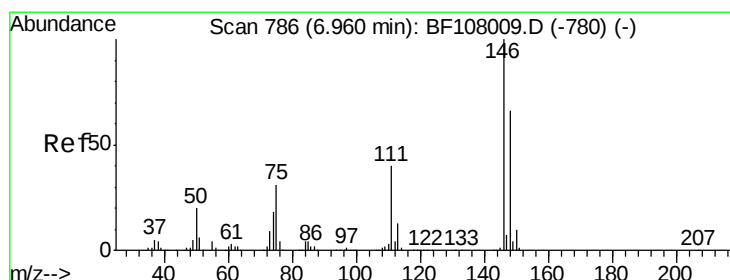
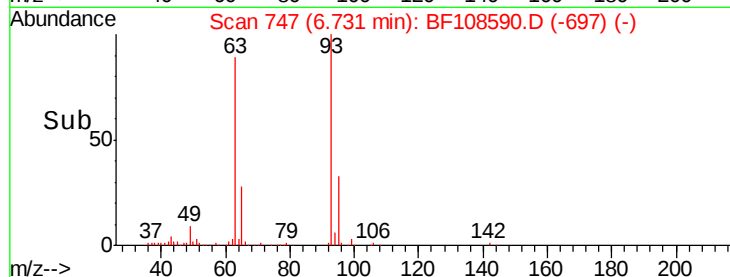
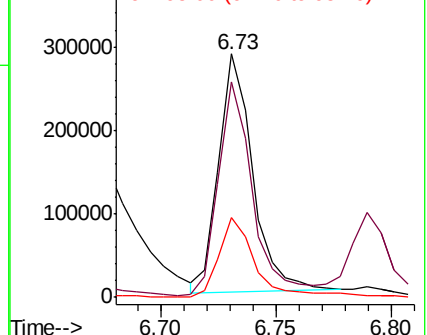
93 100

63 88.7 58.6 98.6

95 32.5 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: 48.854 ng

RT: 6.94 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF108590.D

Acq: 29 Aug 2018 7:26

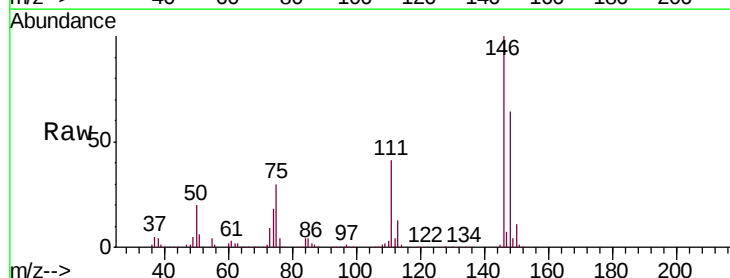
Tgt Ion: 146 Resp: 377921

Ion Ratio Lower Upper

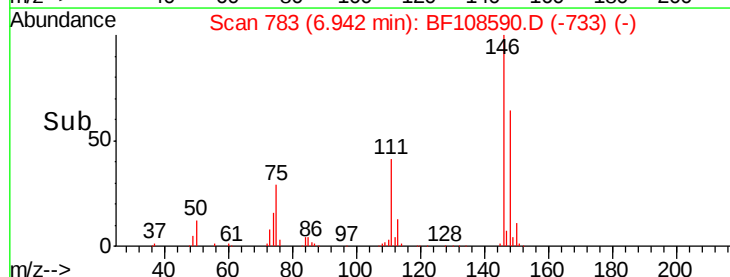
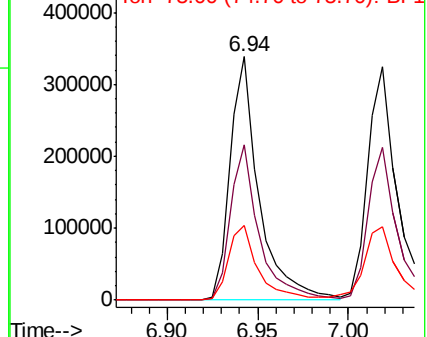
146 100

148 63.6 51.8 77.8

75 30.5 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

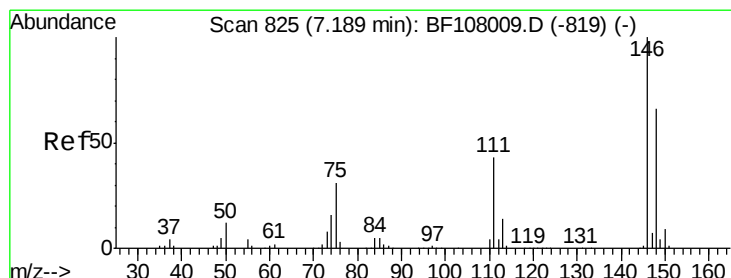
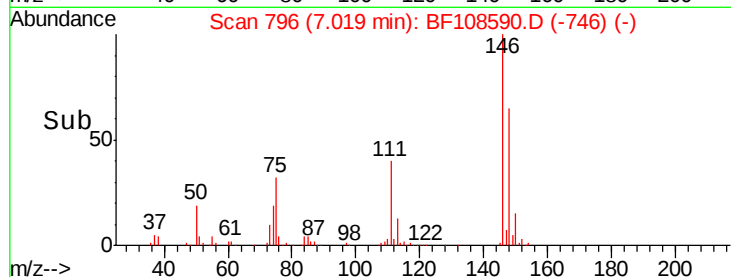
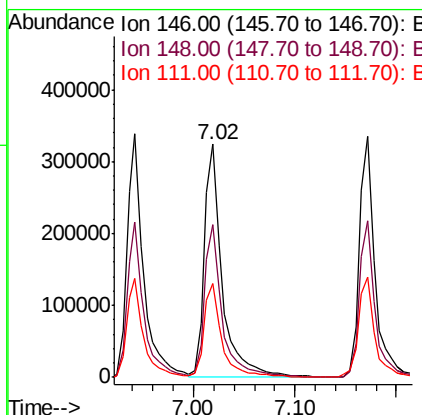
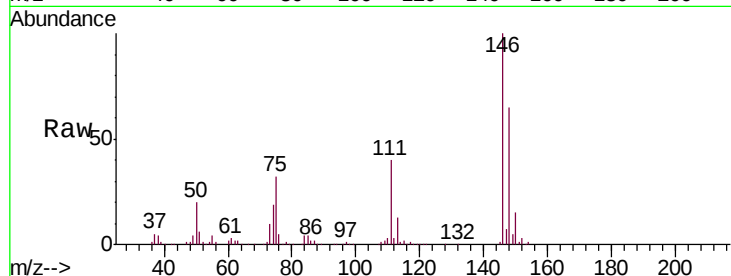




#13
 1,4-Dichlorobenzene
 Concen: 51.033 ng
 RT: 7.02 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF108590.D
 Acq: 29 Aug 2018 7:26

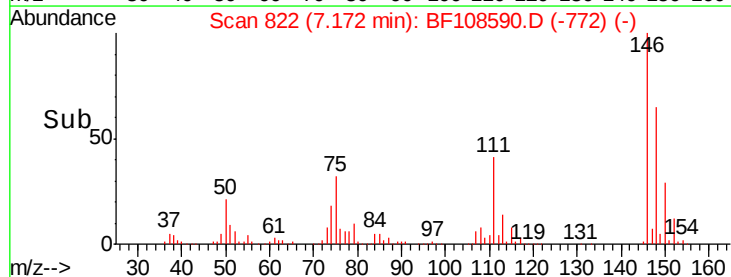
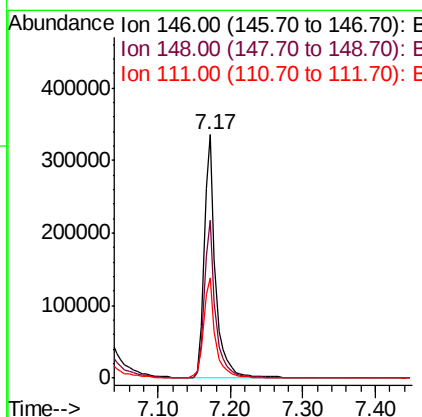
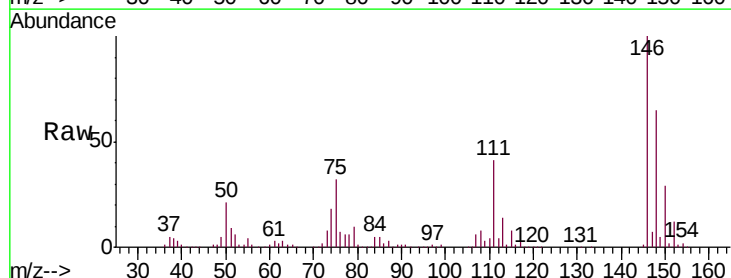
Instrument :
 BNA_F
 ClientSampleId :
 PB112433BS

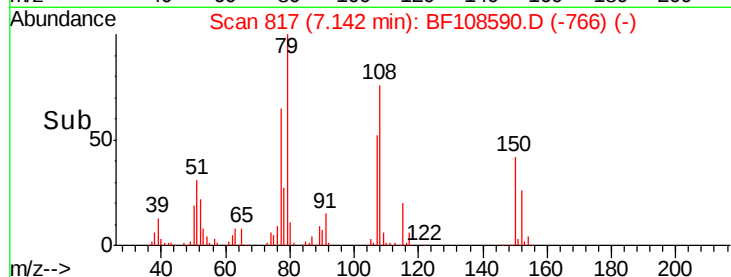
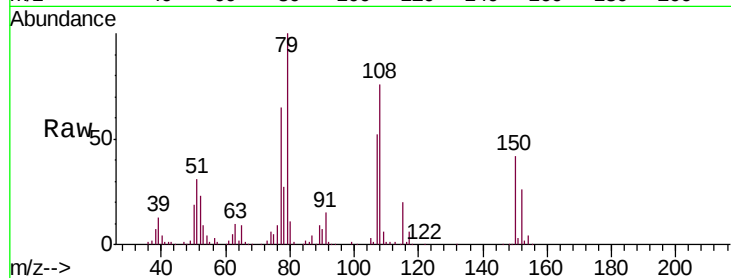
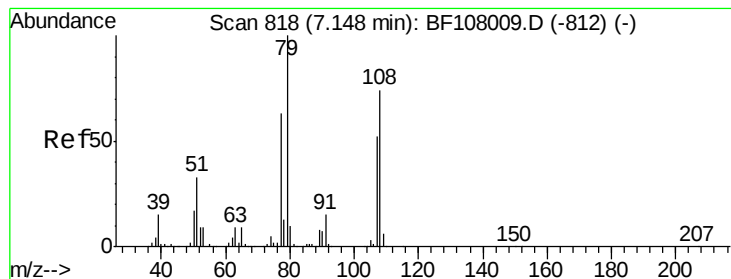
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.8	76.2
111	40.4	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 50.155 ng
 RT: 7.17 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF108590.D
 Acq: 29 Aug 2018 7:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.6	75.8
111	41.4	36.0	54.0





#15

Benzyl Alcohol

Concen: 45.025 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF108590.D

Acq: 29 Aug 2018 7:26

Instrument :

BNA_F

ClientSampleId :

PB112433BS

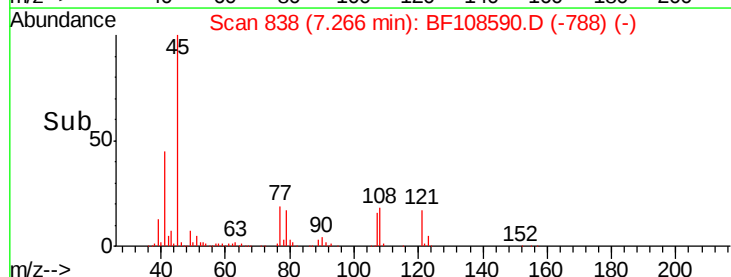
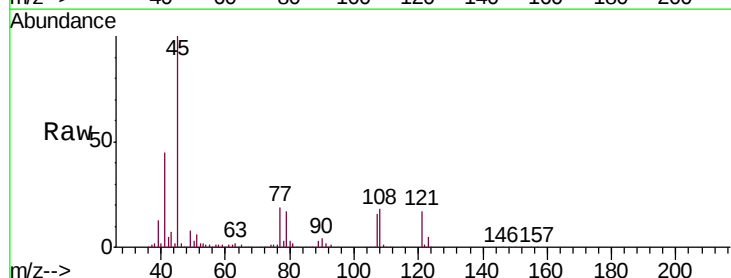
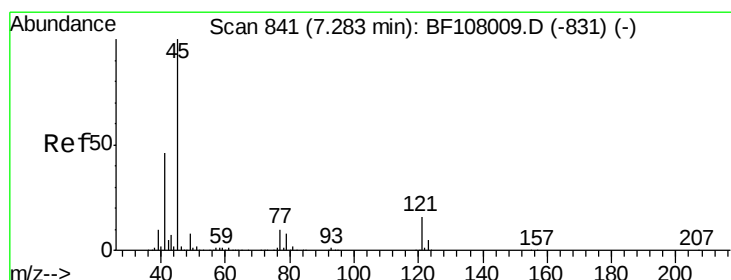
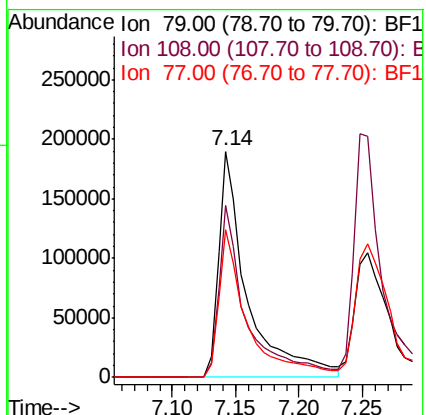
Tgt Ion: 79 Resp: 299204

Ion Ratio Lower Upper

79 100

108 75.9 65.1 97.7

77 65.2 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.364 ng

RT: 7.27 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF108590.D

Acq: 29 Aug 2018 7:26

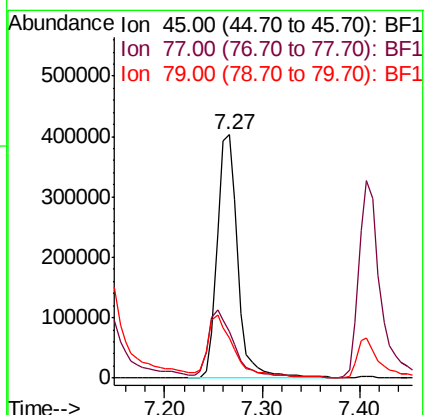
Tgt Ion: 45 Resp: 589698

Ion Ratio Lower Upper

45 100

77 19.3 0.0 32.9

79 16.6 0.0 29.6

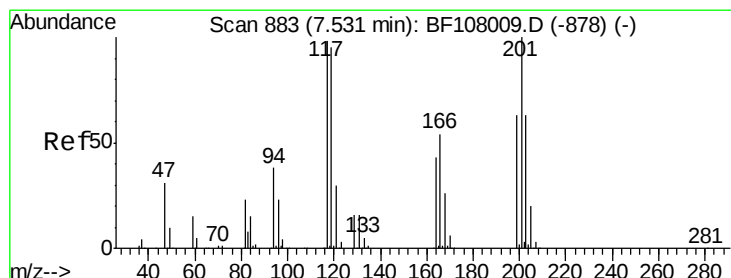
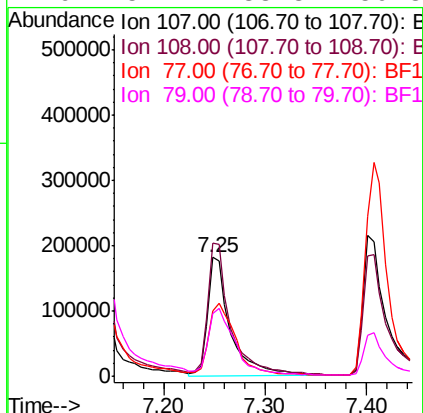
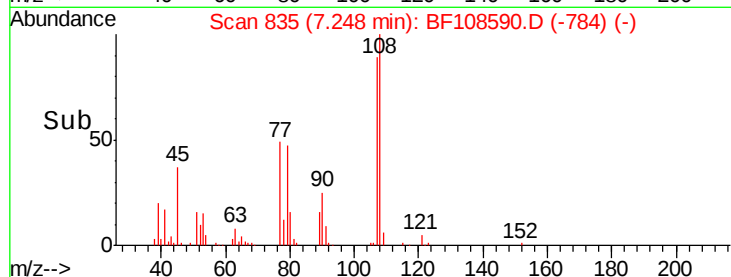
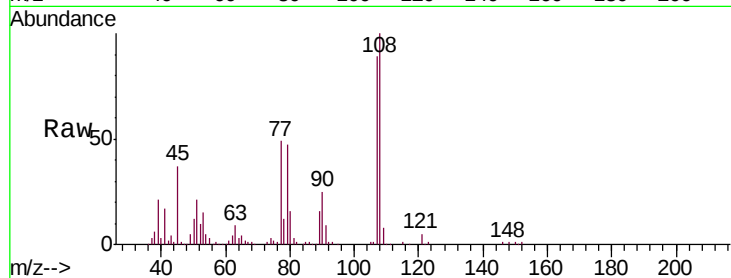




#17
2-Methylphenol
Concen: 49.243 ng
RT: 7.25 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF108590.D
Acq: 29 Aug 2018 7:26

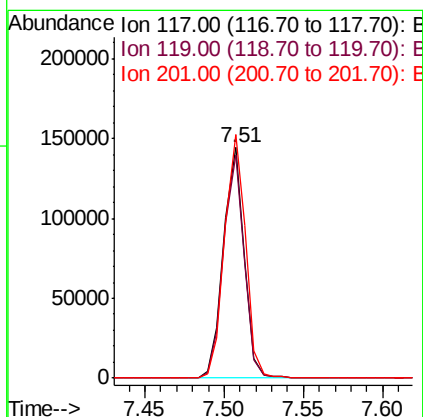
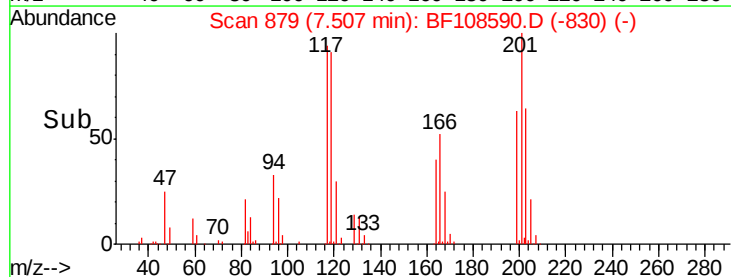
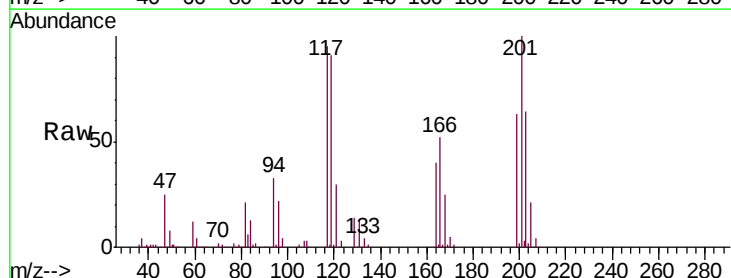
Instrument :
BNA_F
ClientSampleId :
PB112433BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.2	91.7	137.5
77	54.7	33.8	50.8#
79	52.4	33.8	50.8#



#18
Hexachloroethane
Concen: 47.365 ng
RT: 7.51 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF108590.D
Acq: 29 Aug 2018 7:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.8	113.8
201	105.7	75.7	113.5

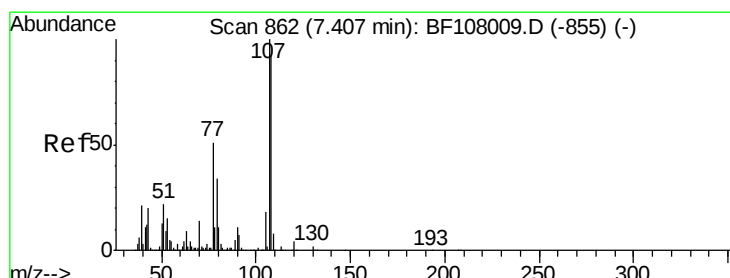
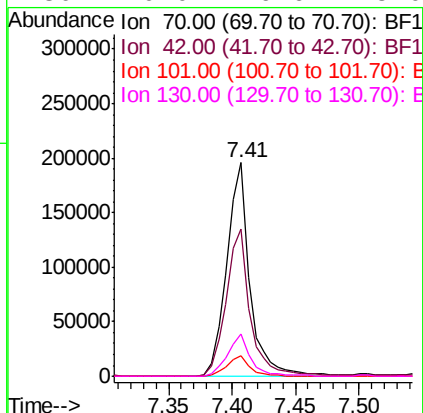
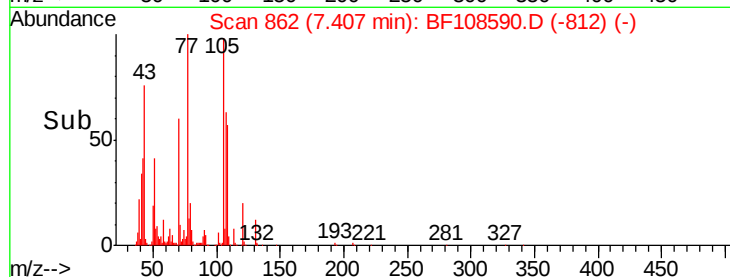
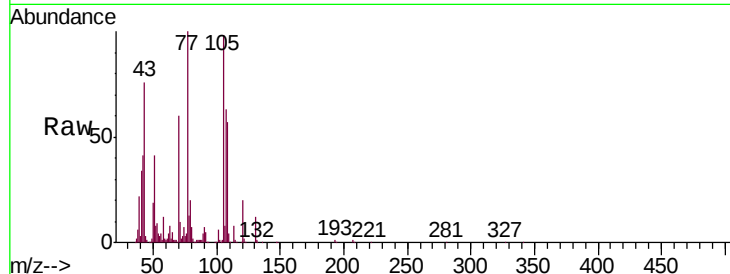




#19
n-Nitroso-di-n-propylamine
Concen: 46.485 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108590.D
Acq: 29 Aug 2018 7:26

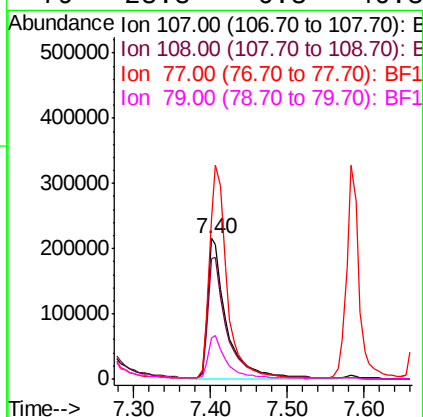
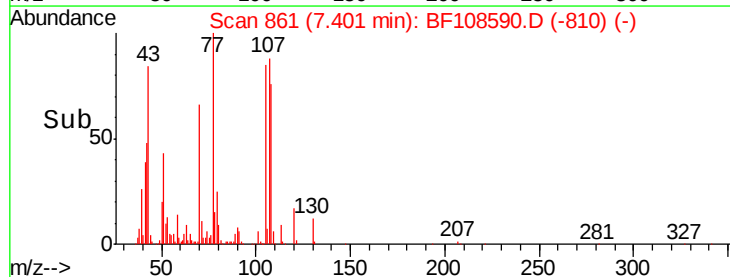
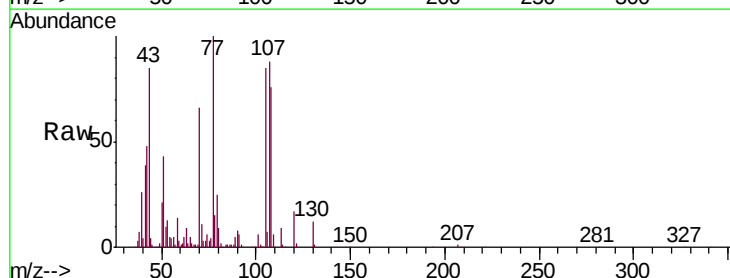
Instrument :
BNA_F
ClientSampleId :
PB112433BS

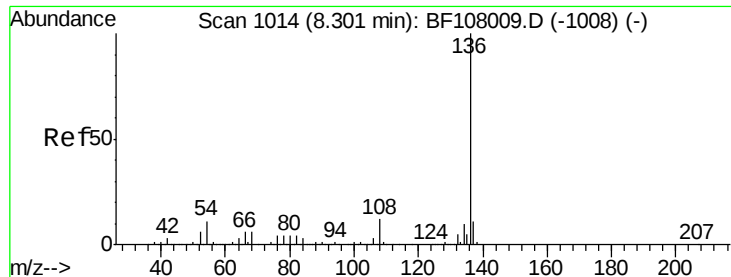
Tgt Ion: 70 Resp: 248134
Ion Ratio Lower Upper
70 100
42 68.9 47.5 71.3
101 9.8 7.4 11.2
130 20.0 16.6 25.0



#20
3+4-Methylphenols
Concen: 49.313 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF108590.D
Acq: 29 Aug 2018 7:26

Tgt Ion: 107 Resp: 362557
Ion Ratio Lower Upper
107 100
108 85.9 68.2 108.2
77 113.6 26.7 66.7#
79 28.8 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: BF108590.D

Acq: 29 Aug 2018 7:26

Instrument :

BNA_F

ClientSampleId :

PB112433BS

Tgt Ion:136 Resp: 398874

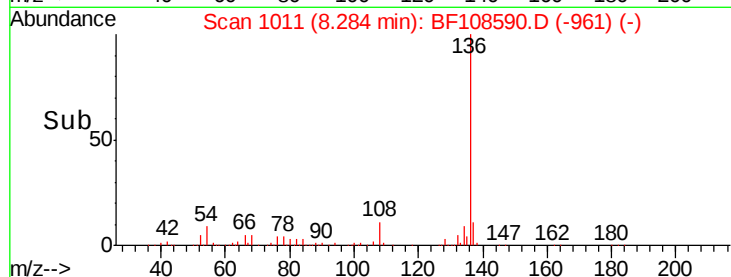
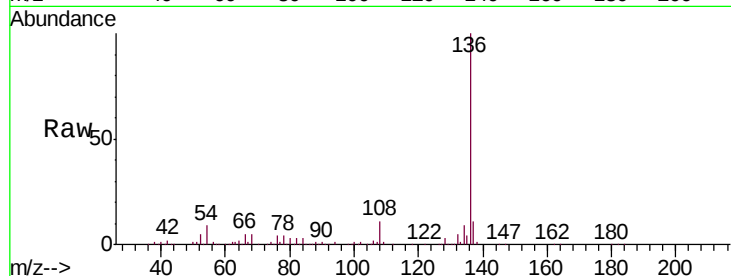
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.3 6.6 9.8

68 5.5 5.0 7.4

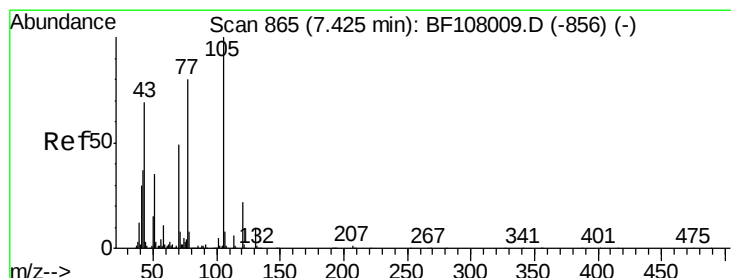
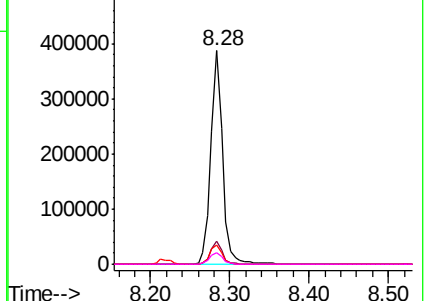


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 52.540 ng

RT: 7.41 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF108590.D

Acq: 29 Aug 2018 7:26

Tgt Ion:105 Resp: 490022

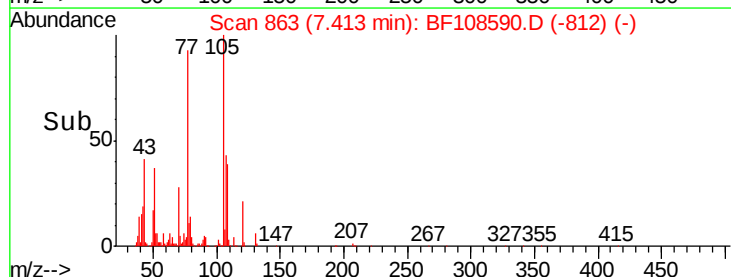
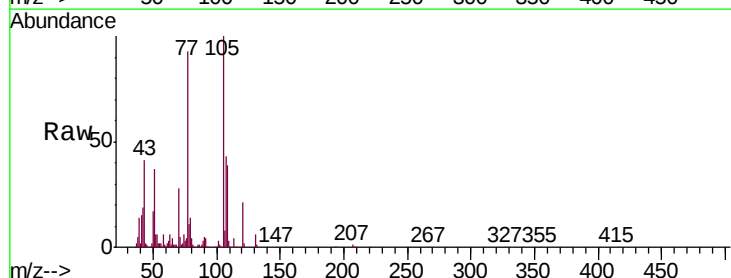
Ion Ratio Lower Upper

105 100

71 4.6 4.4 6.6

51 37.5 22.3 33.5#

120 20.9 16.9 25.3

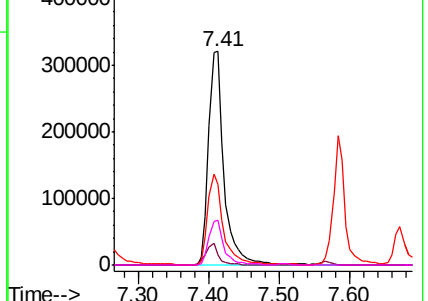


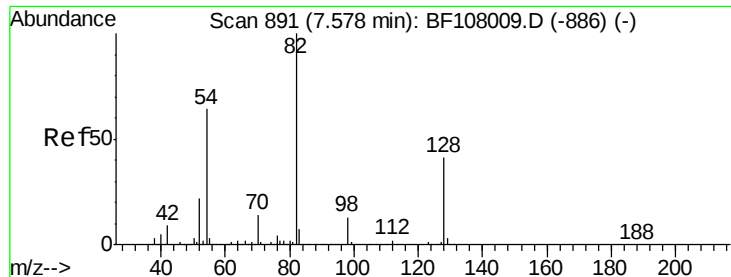
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

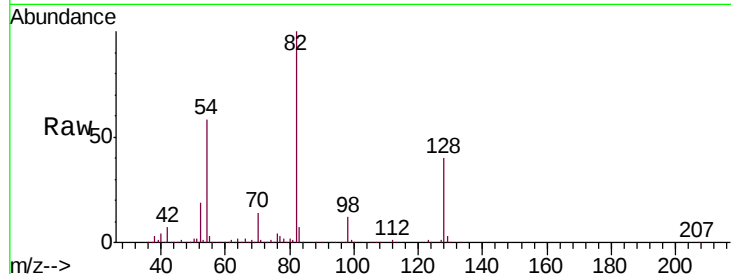




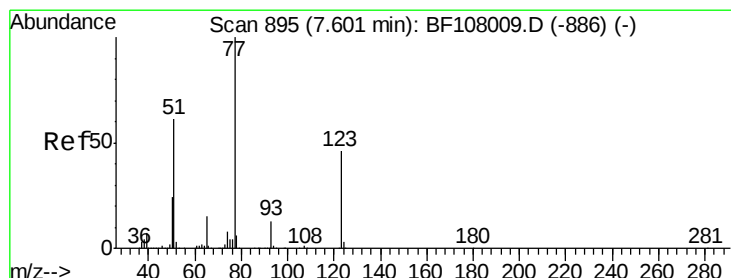
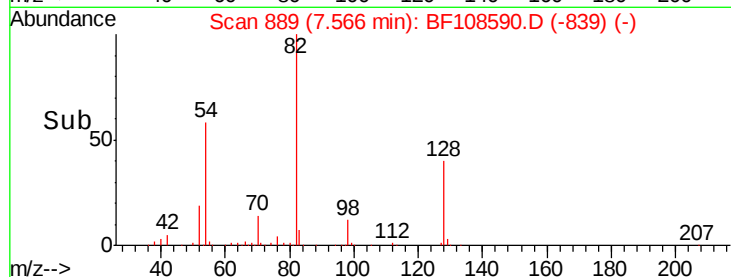
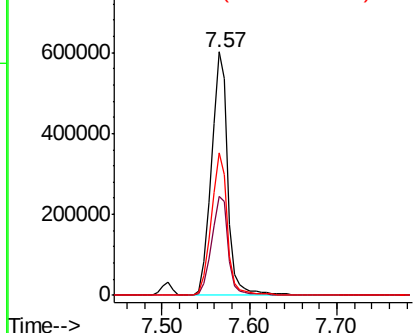
#23
 Nitrobenzene-d5
 Concen: 109.727 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108590.D
 Acq: 29 Aug 2018 7:26

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BS

Tgt Ion: 82 Resp: 784341
 Ion Ratio Lower Upper
 82 100
 128 40.5 36.1 54.1
 54 58.3 41.4 62.2

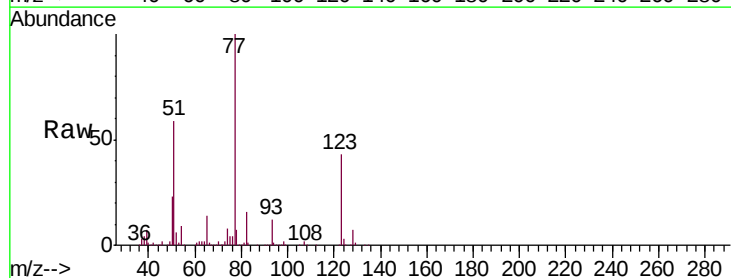


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

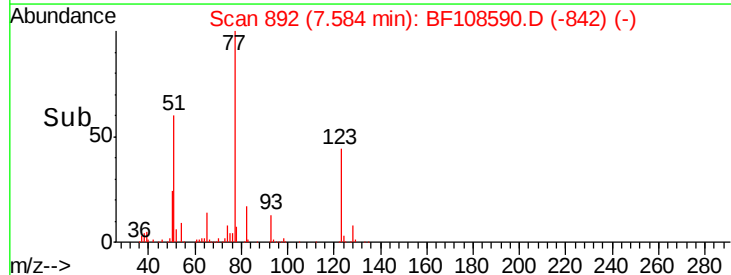
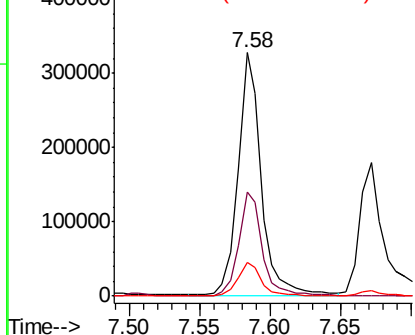


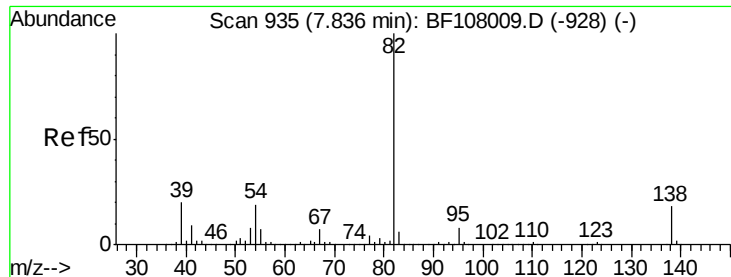
#24
 Nitrobenzene
 Concen: 51.651 ng
 RT: 7.58 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF108590.D
 Acq: 29 Aug 2018 7:26

Tgt Ion: 77 Resp: 373347
 Ion Ratio Lower Upper
 77 100
 123 42.7 37.9 56.9
 65 14.1 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 49.125 ng

RT: 7.82 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF108590.D

Acq: 29 Aug 2018 7:26

Instrument :

BNA_F

ClientSampleId :

PB112433BS

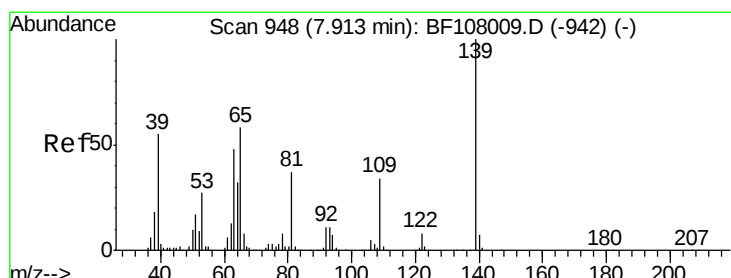
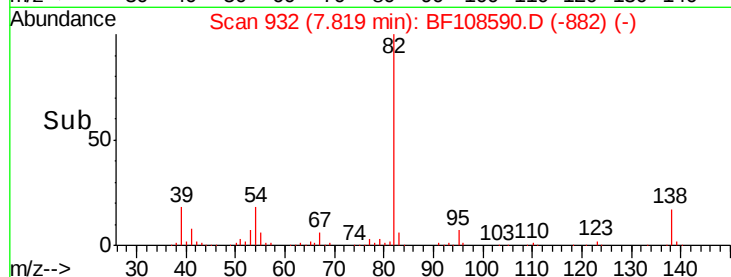
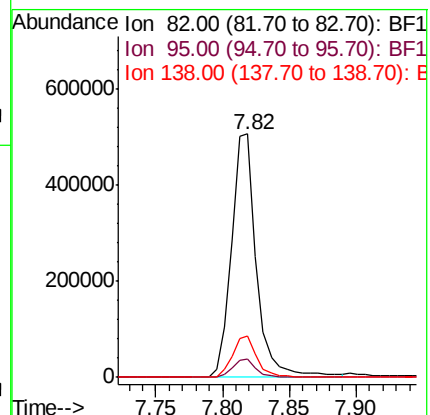
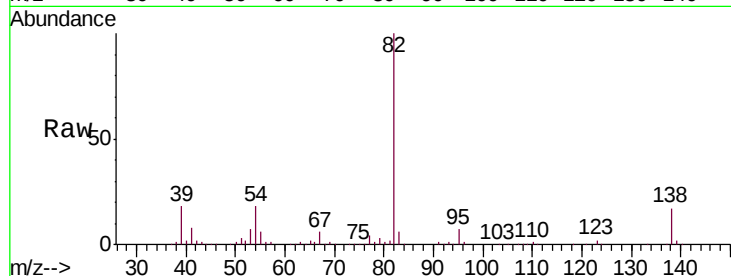
Tgt Ion: 82 Resp: 669312

Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

138 17.0 14.9 22.3



#26

2-Nitrophenol

Concen: 59.293 ng

RT: 7.90 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF108590.D

Acq: 29 Aug 2018 7:26

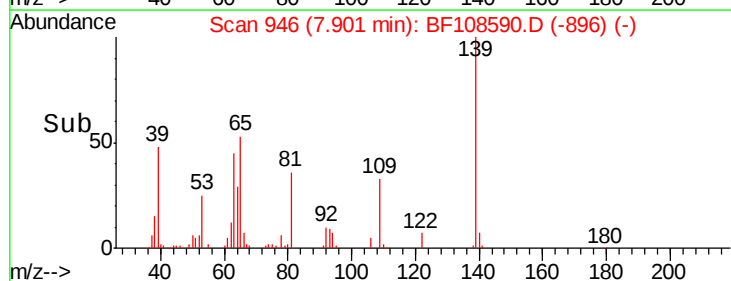
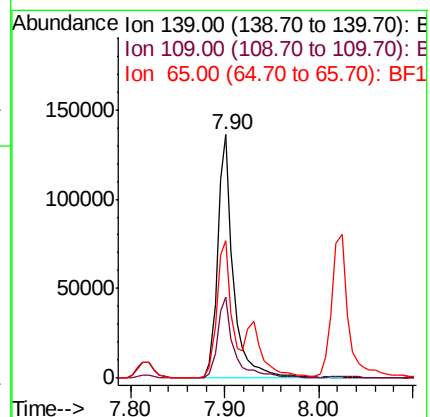
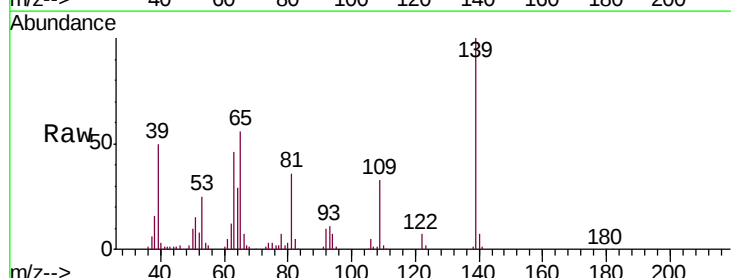
Tgt Ion: 139 Resp: 161854

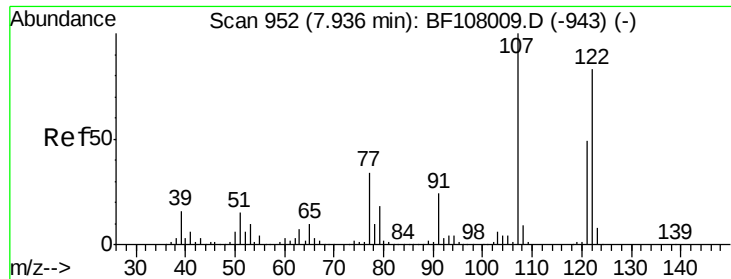
Ion Ratio Lower Upper

139 100

109 33.3 22.7 34.1

65 56.2 40.5 60.7

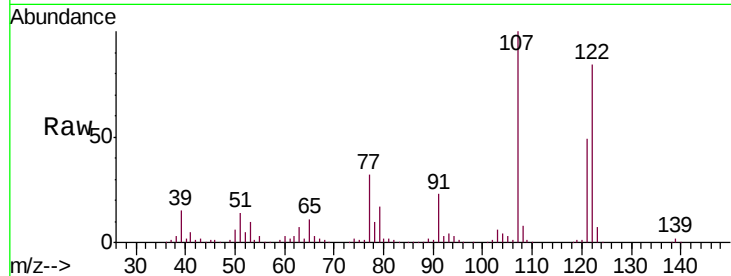




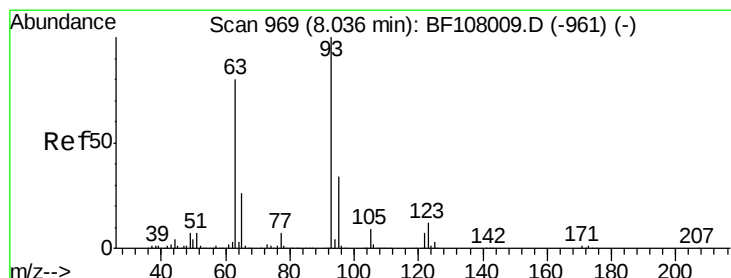
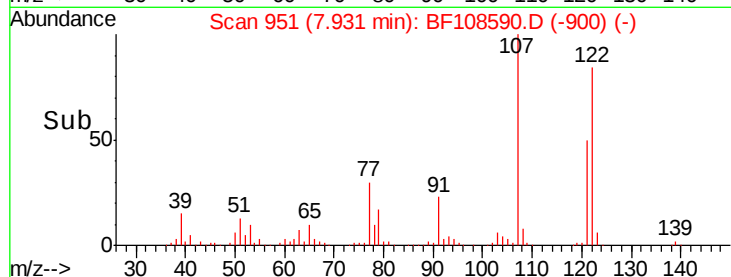
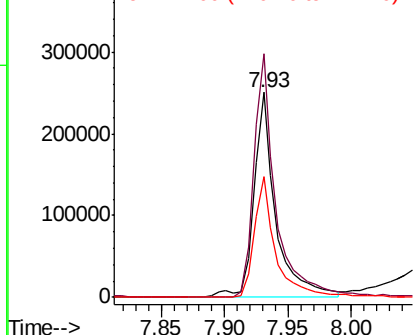
#27
2,4-Dimethylphenol
Concen: 50.296 ng
RT: 7.93 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF108590.D
Acq: 29 Aug 2018 7:26

Instrument :
BNA_F
ClientSampleId :
PB112433BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.7	91.2	136.8
121	58.8	47.2	70.8

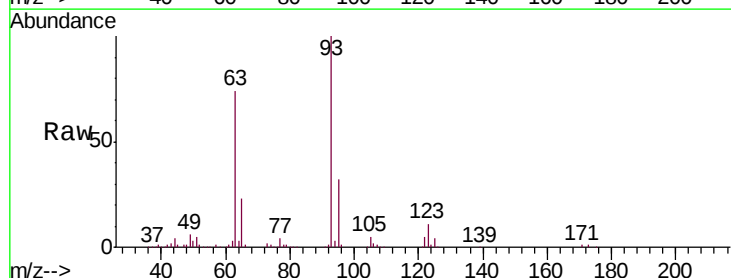


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

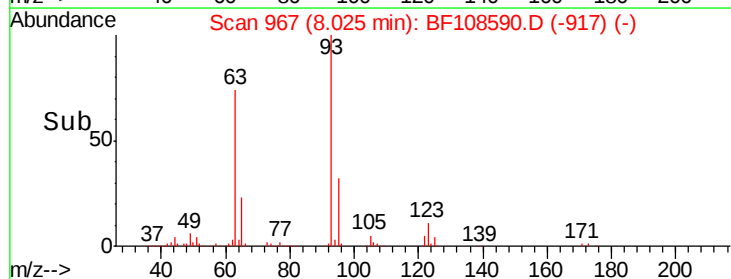
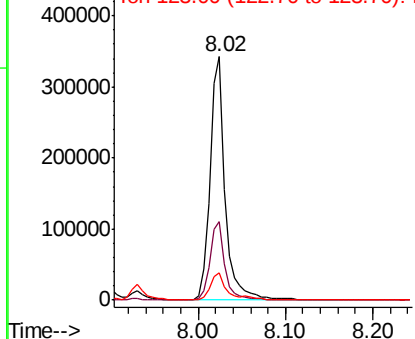


#28
bis(2-Chloroethoxy)methane
Concen: 51.079 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF108590.D
Acq: 29 Aug 2018 7:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.3	39.5
123	11.3	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

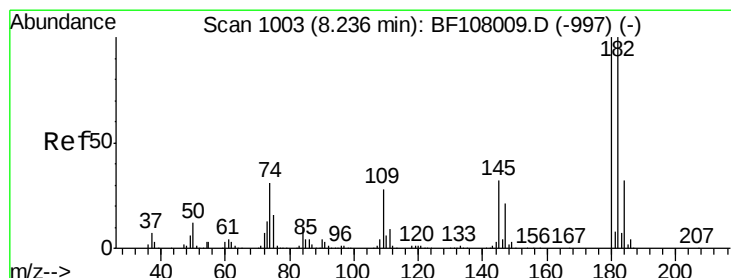
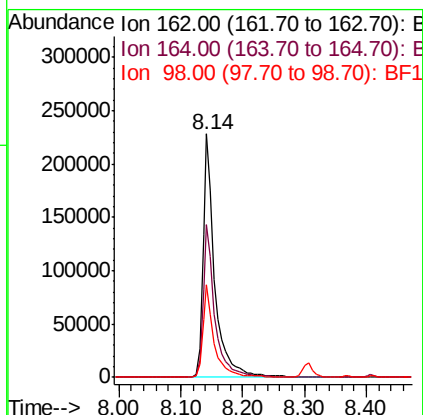
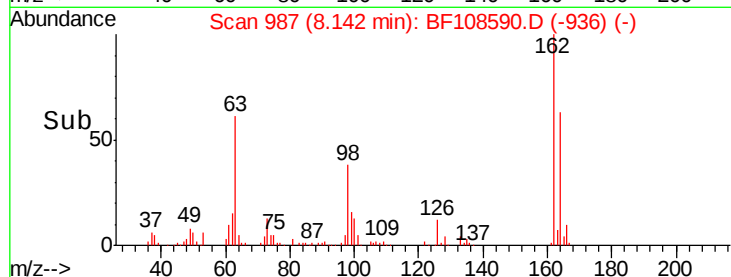
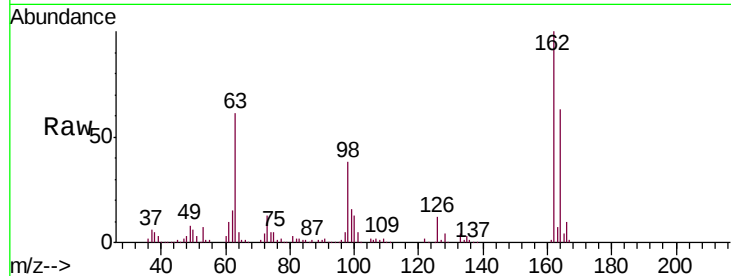




#29
 2,4-Dichlorophenol
 Concen: 54.416 ng
 RT: 8.14 min Scan# 987
 Delta R.T. -0.00 min
 Lab File: BF108590.D
 Acq: 29 Aug 2018 7:26

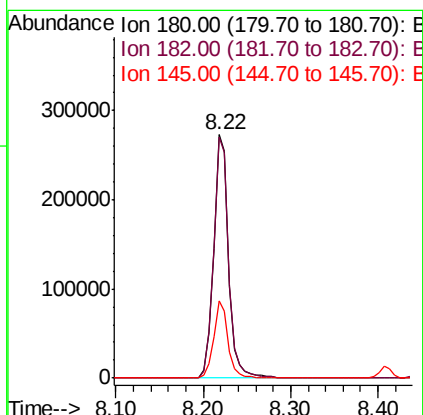
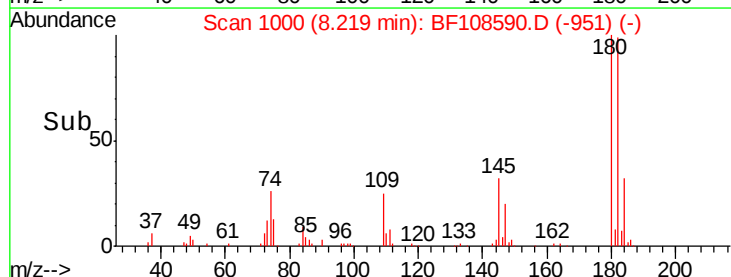
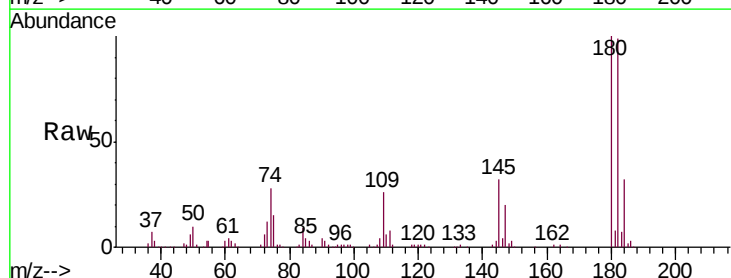
Instrument :
 BNA_F
 ClientSampleId :
 PB112433BS

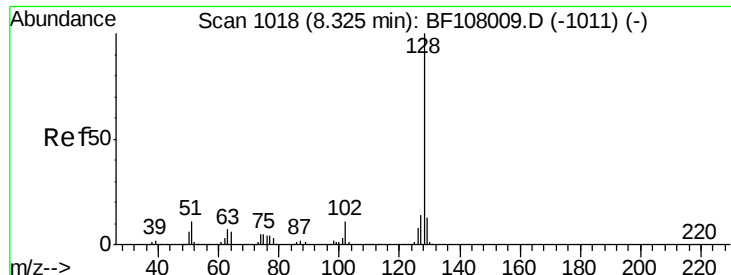
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.6	42.7	82.7
98	38.0	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 52.383 ng
 RT: 8.22 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BF108590.D
 Acq: 29 Aug 2018 7:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.8	76.8	115.2
145	32.0	26.5	39.7

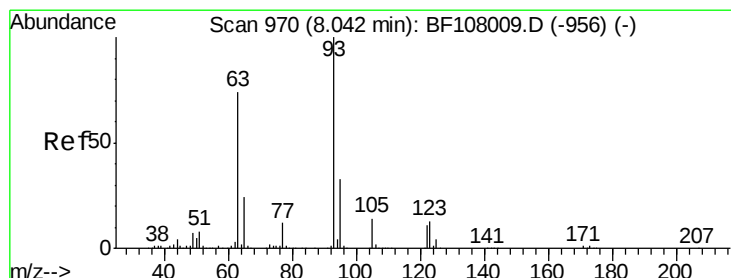
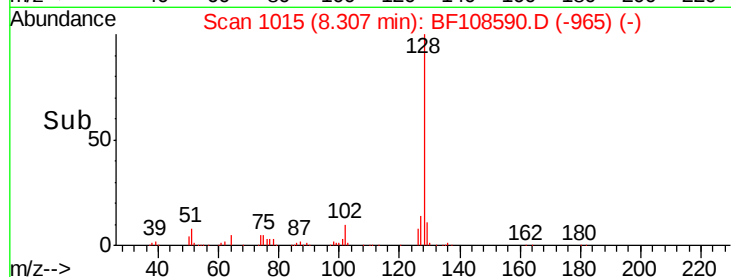
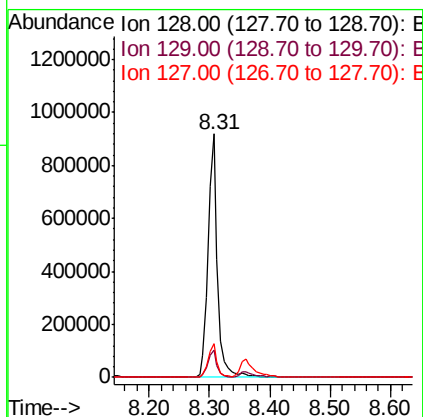
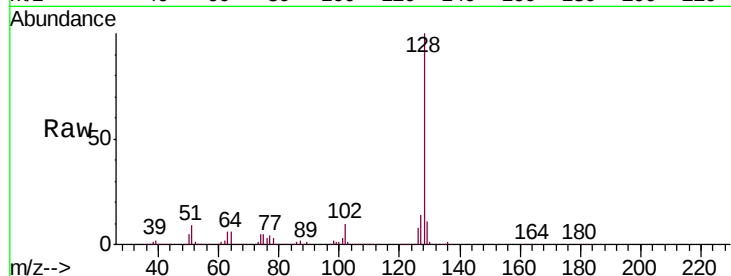




#31
Naphthalene
Concen: 55.258 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF108590.D
Acq: 29 Aug 2018 7:26

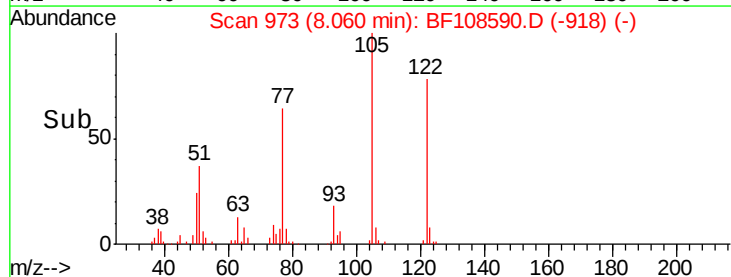
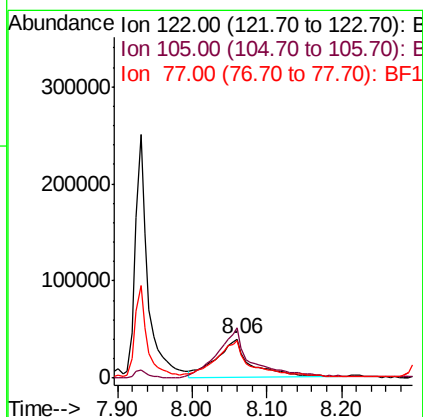
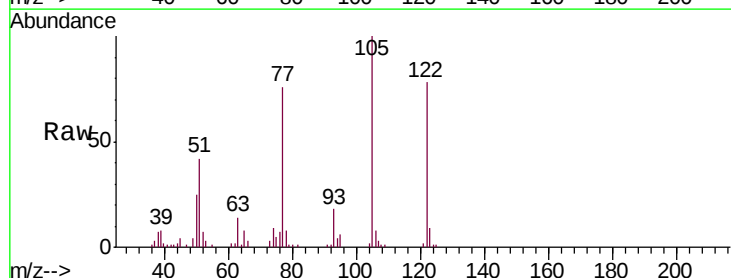
Instrument :
BNA_F
ClientSampleId :
PB112433BS

Tgt Ion:128 Resp: 1002370
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.7 10.9 16.3



#32
Benzoic acid
Concen: 36.794 ng
RT: 8.06 min Scan# 973
Delta R.T. 0.02 min
Lab File: BF108590.D
Acq: 29 Aug 2018 7:26

Tgt Ion:122 Resp: 123521
Ion Ratio Lower Upper
122 100
105 127.7 101.1 141.1
77 96.6 70.7 110.7

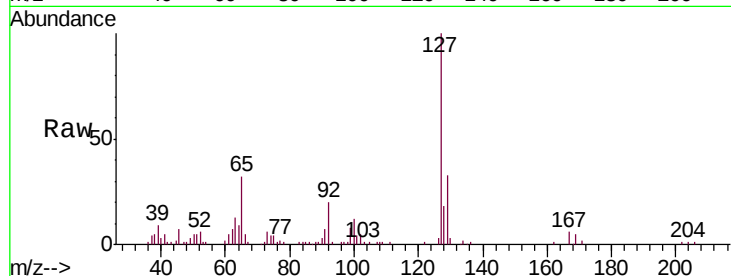




#33
4-Chloroaniline
Concen: 14.846 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF108590.D
Acq: 29 Aug 2018 7:26

Instrument :
BNA_F
ClientSampleId :
PB112433BS

Tgt Ion:	127	Resp:	117361
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	32.1	25.0	37.4
92	19.5	15.2	22.8



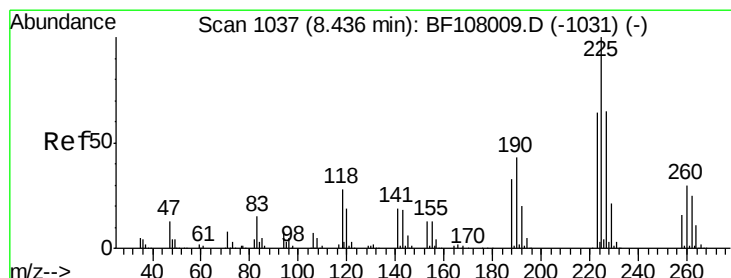
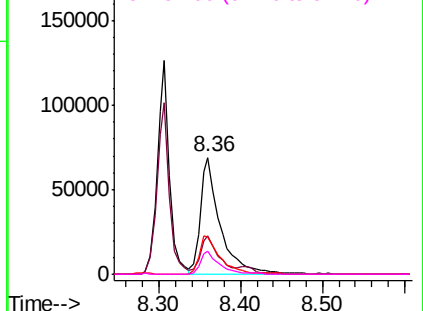
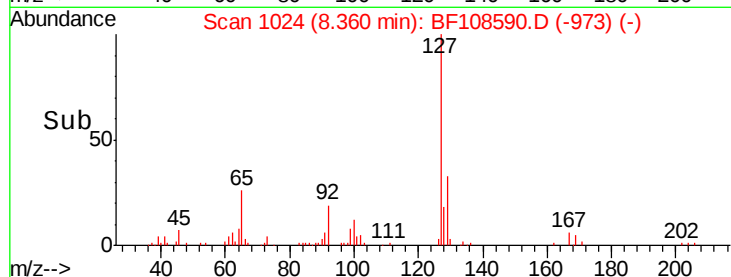
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

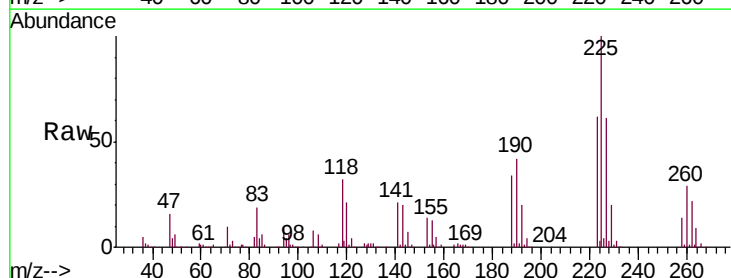
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 53.370 ng
RT: 8.41 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF108590.D
Acq: 29 Aug 2018 7:26

Tgt Ion:	225	Resp:	207291
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.6	76.0
227	61.1	51.9	77.9

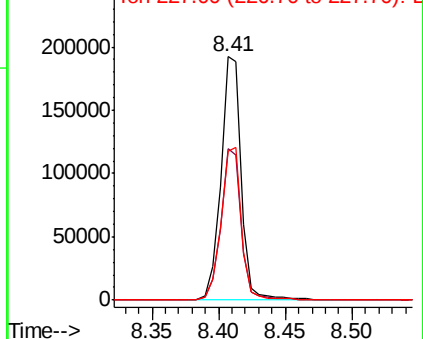
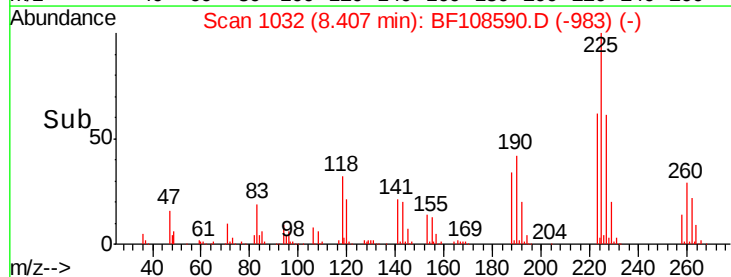


Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

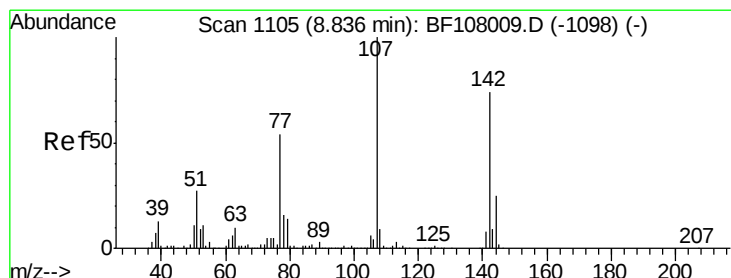
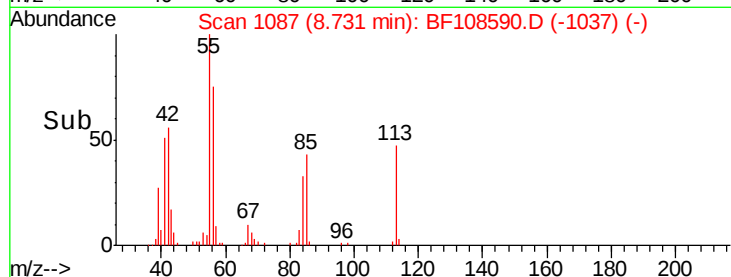
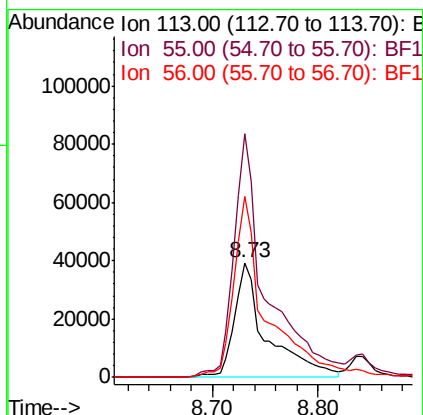
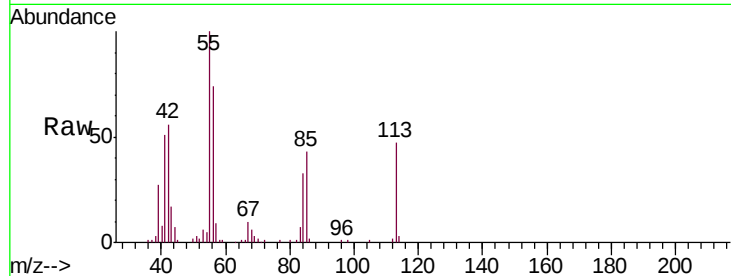




#35
 Caprolactam
 Concen: 47.321 ng
 RT: 8.73 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF108590.D
 Acq: 29 Aug 2018 7:26

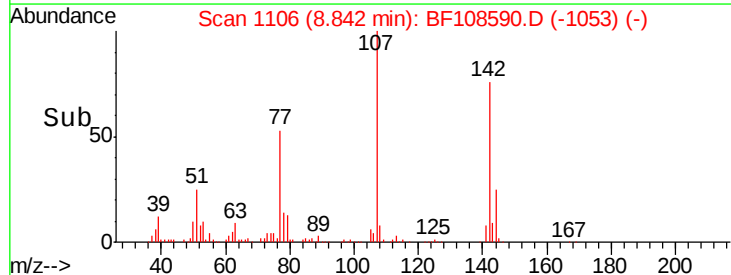
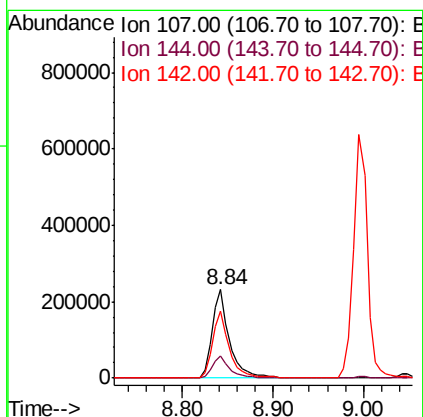
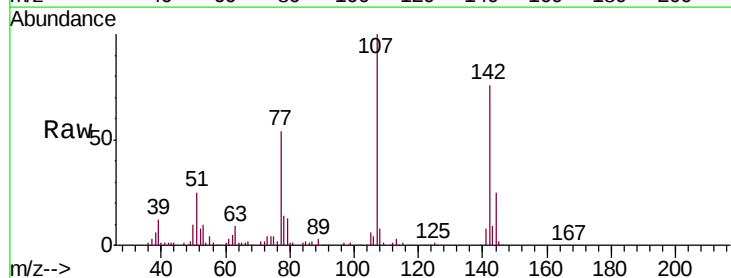
Instrument :
 BNA_F
 ClientSampleId :
 PB112433BS

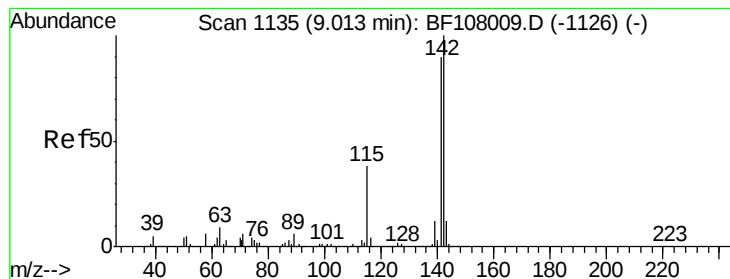
Tgt Ion:113 Resp: 82522
 Ion Ratio Lower Upper
 113 100
 55 212.0 163.3 203.3#
 56 157.7 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 51.499 ng
 RT: 8.84 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF108590.D
 Acq: 29 Aug 2018 7:26

Tgt Ion:107 Resp: 309161
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.5 30.7
 142 75.9 62.0 93.0





#37

2-Methylnaphthalene

Concen: 52.060 ng

RT: 9.00 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BF108590.D

Acq: 29 Aug 2018 7:26

Instrument :

BNA_F

ClientSampleId :

PB112433BS

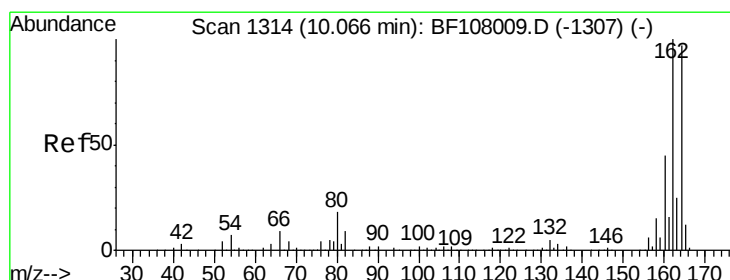
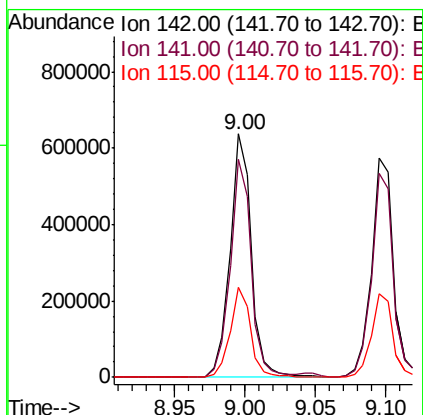
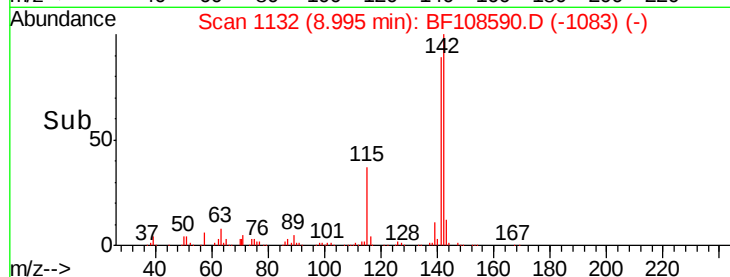
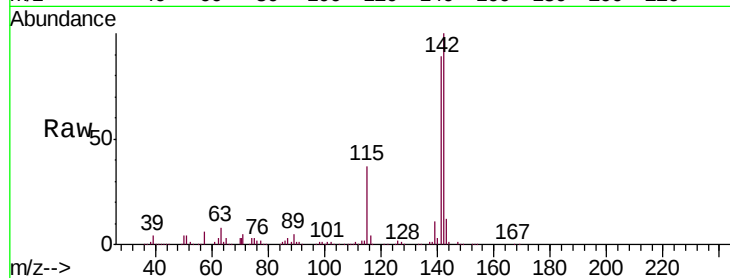
Tgt Ion:142 Resp: 668150

Ion Ratio Lower Upper

142 100

141 89.3 70.8 106.2

115 36.9 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: BF108590.D

Acq: 29 Aug 2018 7:26

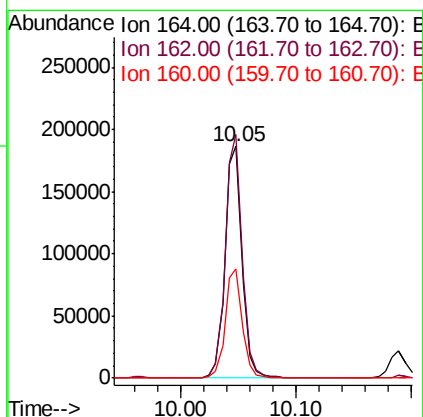
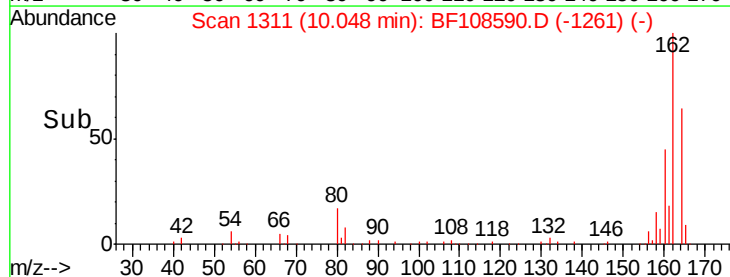
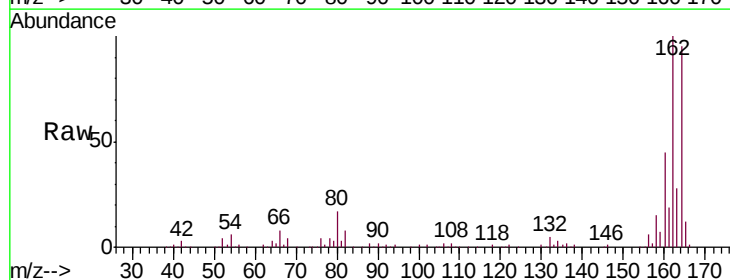
Tgt Ion:164 Resp: 190331

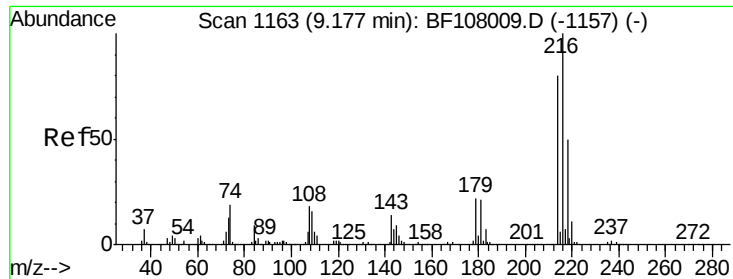
Ion Ratio Lower Upper

164 100

162 105.0 86.1 129.1

160 47.2 38.3 57.5

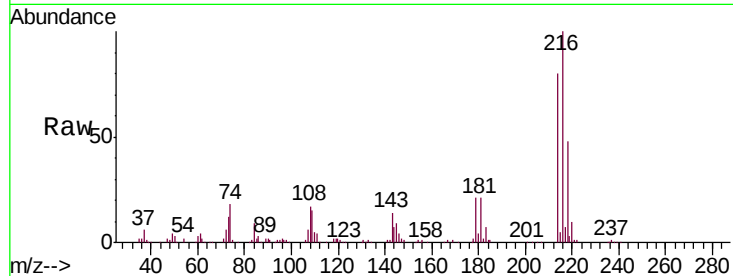




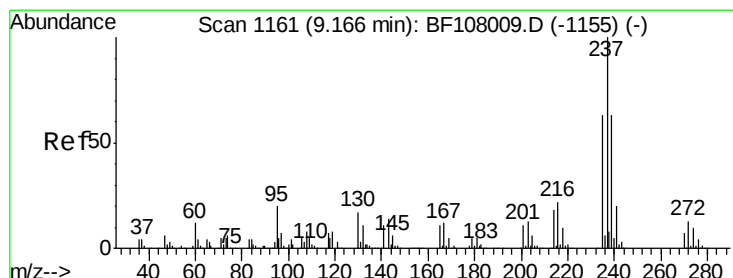
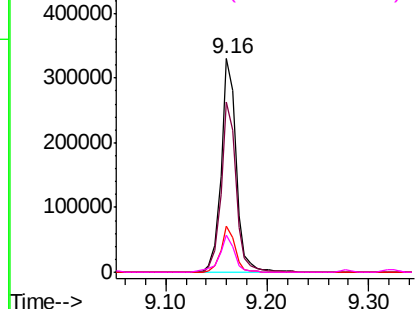
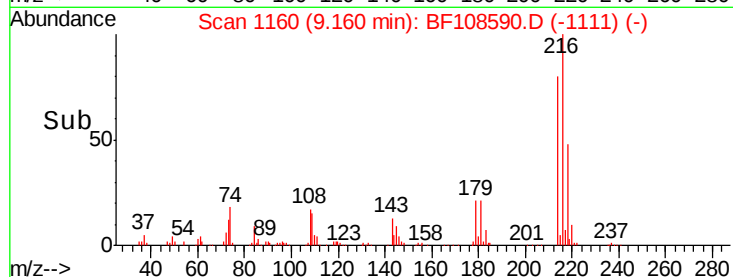
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 58.086 ng
 RT: 9.16 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF108590.D
 Acq: 29 Aug 2018 7:26

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BS

Tgt Ion:	216	Resp:	339505
Ion Ratio		Lower	Upper
216	100		
214	79.8	63.0	94.4
179	20.5	18.1	27.1
108	17.5	17.2	25.8

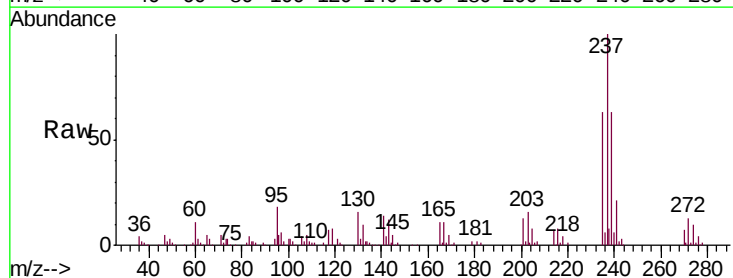


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

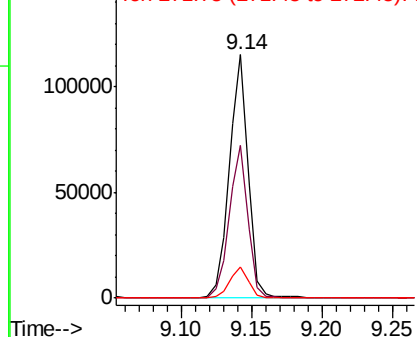
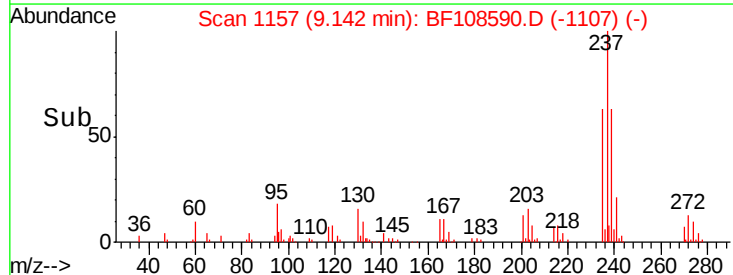


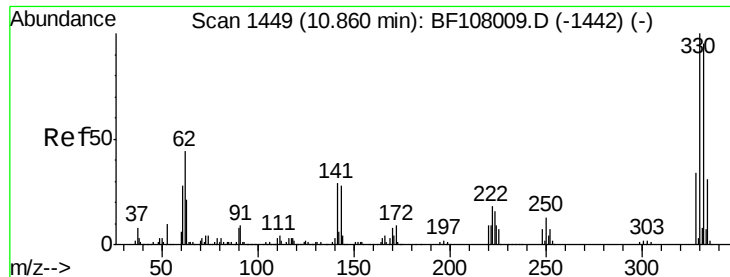
#40
 Hexachlorocyclopentadiene
 Concen: 28.119 ng
 RT: 9.14 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF108590.D
 Acq: 29 Aug 2018 7:26

Tgt Ion:	237	Resp:	106157
Ion Ratio		Lower	Upper
237	100		
235	62.7	44.8	84.8
272	12.7	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

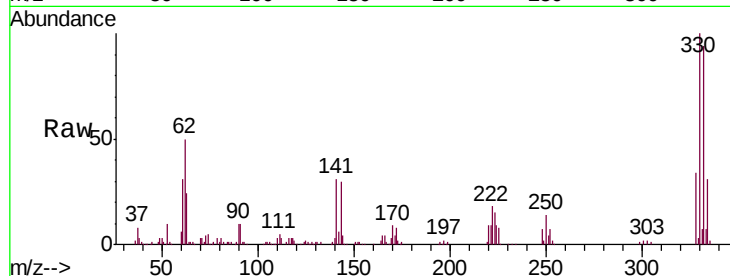




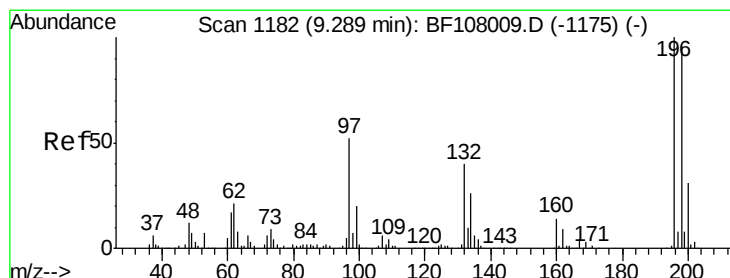
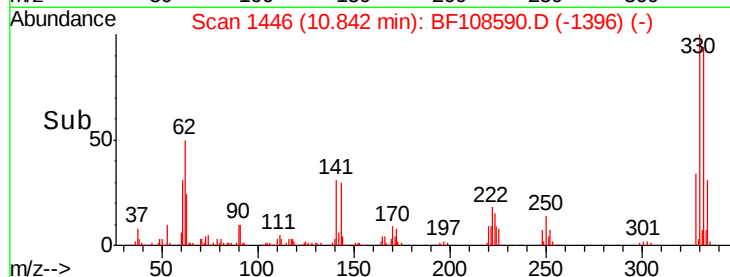
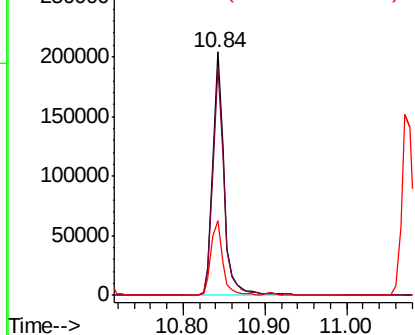
#41
 2,4,6-Tribromophenol
 Concen: 103.700 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108590.D
 Acq: 29 Aug 2018 7:26

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BS

Tgt Ion:330 Resp: 196874
 Ion Ratio Lower Upper
 330 100
 332 92.6 77.0 115.6
 141 31.6 29.9 44.9

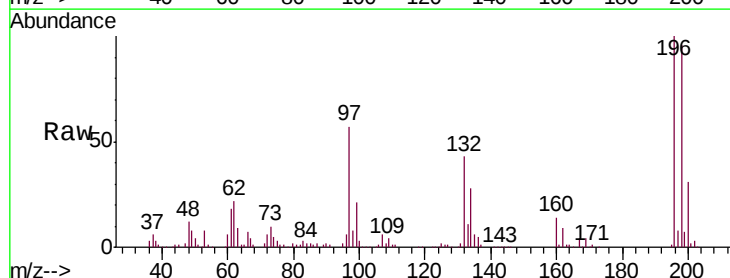


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

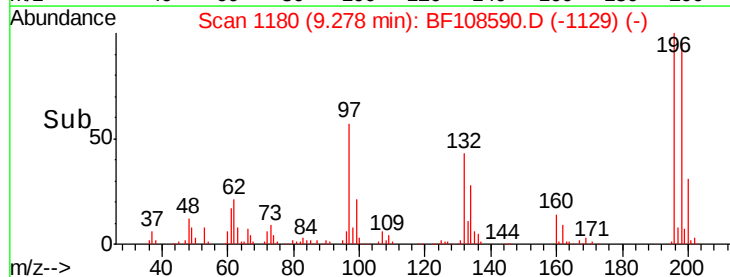
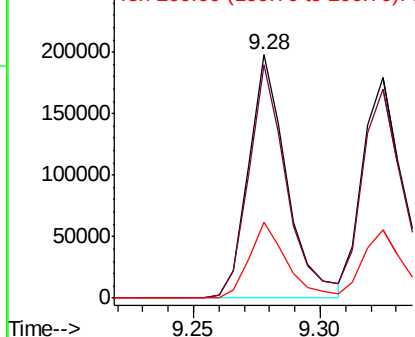


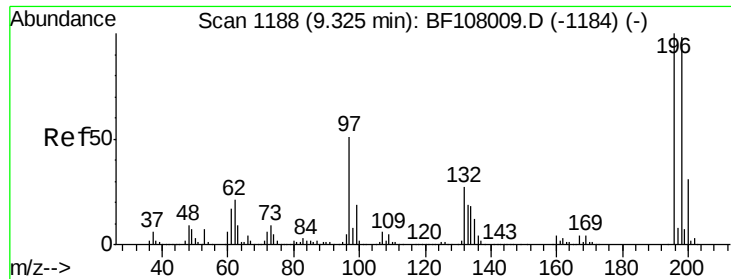
#42
 2,4,6-Trichlorophenol
 Concen: 57.309 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF108590.D
 Acq: 29 Aug 2018 7:26

Tgt Ion:196 Resp: 207862
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.7 113.5
 200 31.3 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

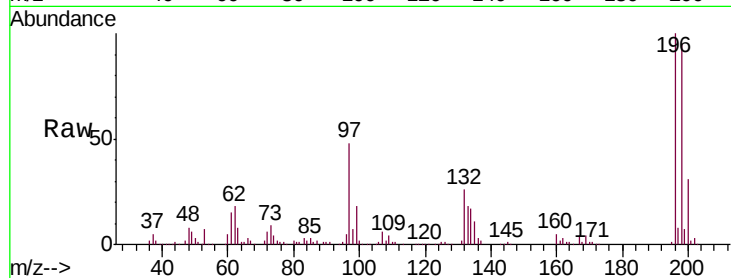




#43
 2,4,5-Trichlorophenol
 Concen: 54.931 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF108590.D
 Acq: 29 Aug 2018 7:26

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.5	74.6	112.0
97	48.0	42.9	64.3
132	26.1	26.3	39.5#



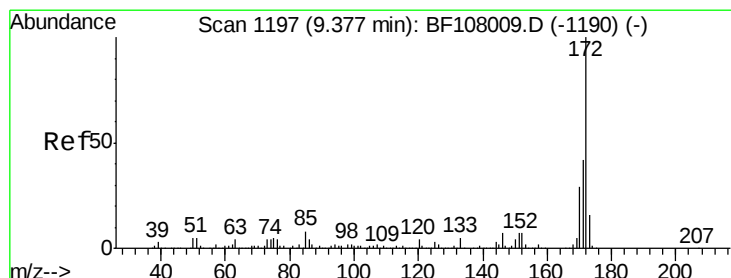
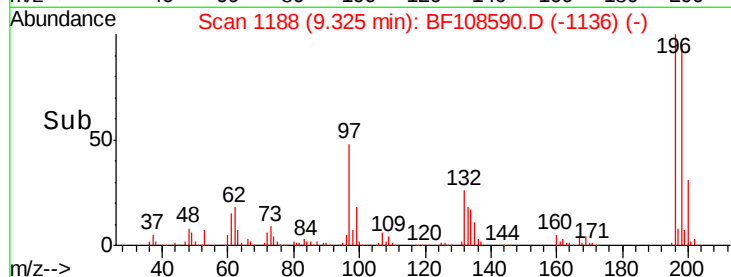
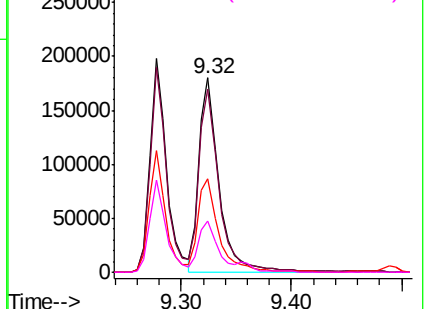
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

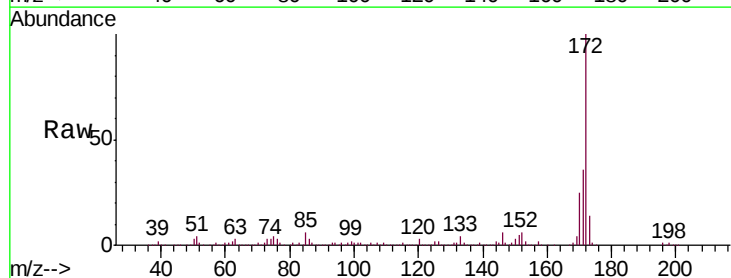
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 122.402 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108590.D
 Acq: 29 Aug 2018 7:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.6	19.6	29.4

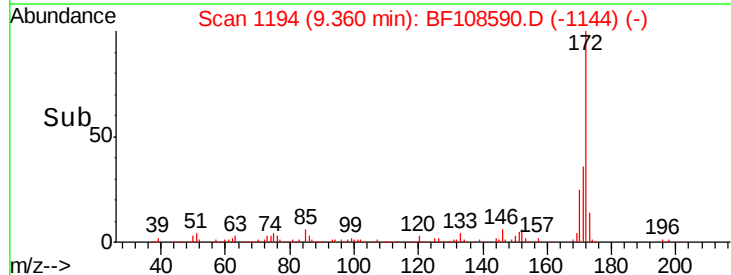
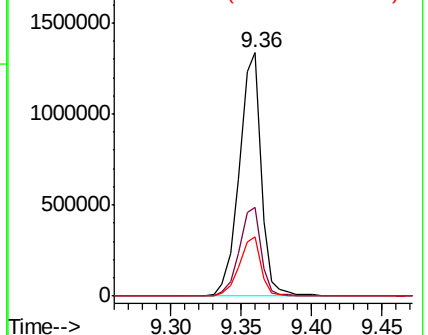


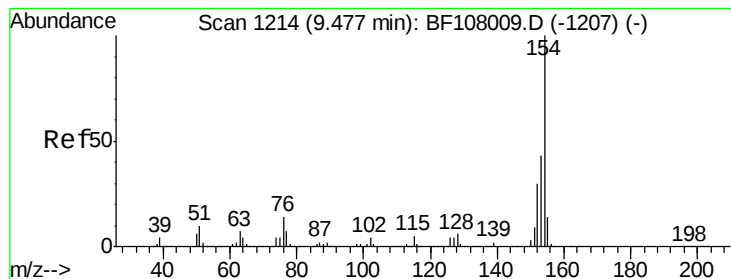
Abundance

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: 57.750 ng

RT: 9.46 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF108590.D

Acq: 29 Aug 2018 7:26

Instrument :

BNA_F

ClientSampleId :

PB112433BS

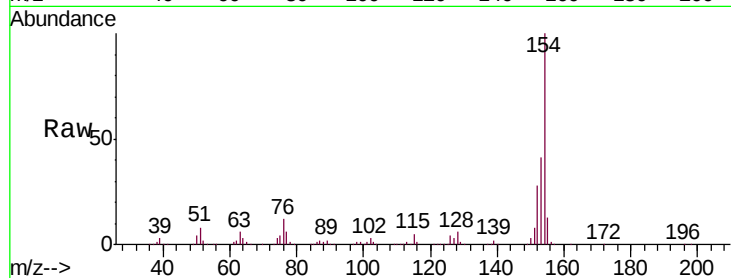
Tgt Ion:154 Resp: 810412

Ion Ratio Lower Upper

154 100

153 40.6 21.3 61.3

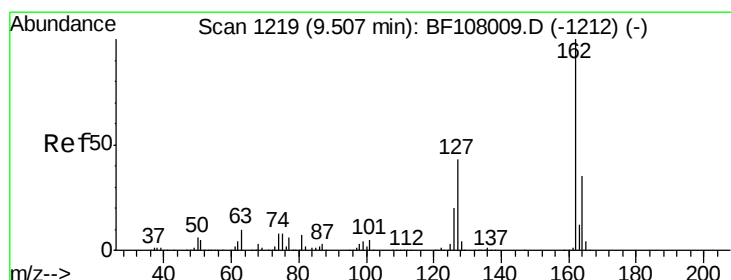
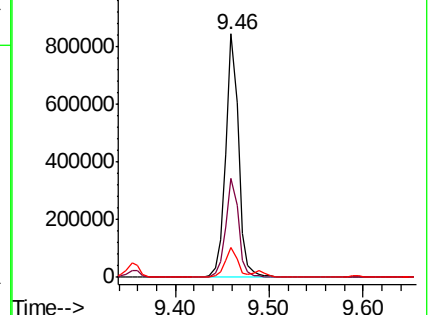
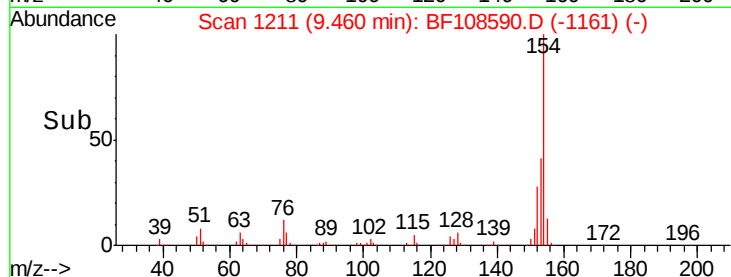
76 12.2 0.0 34.0



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: 55.603 ng

RT: 9.49 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF108590.D

Acq: 29 Aug 2018 7:26

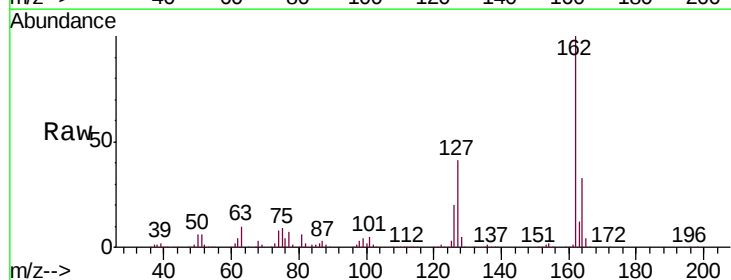
Tgt Ion:162 Resp: 616703

Ion Ratio Lower Upper

162 100

127 41.4 33.9 50.9

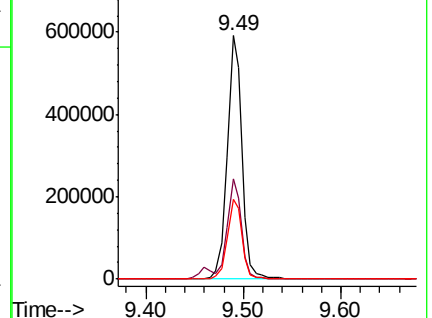
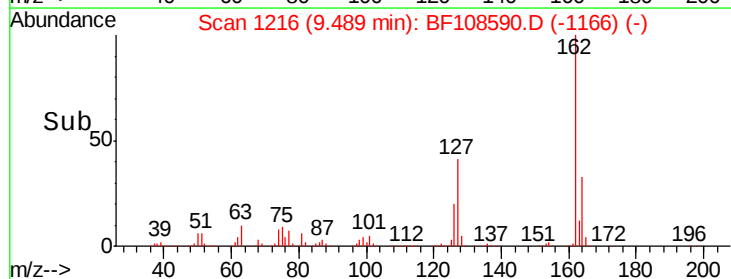
164 32.7 26.5 39.7



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

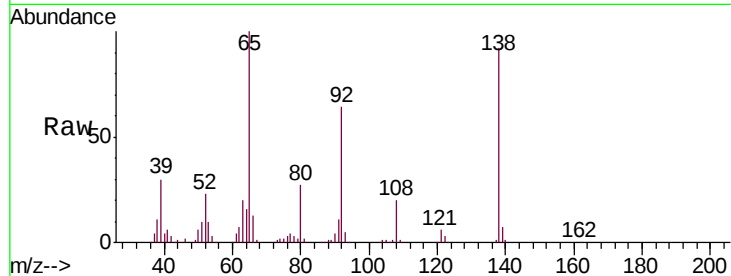




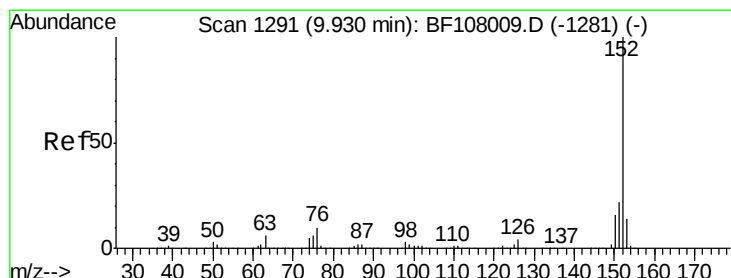
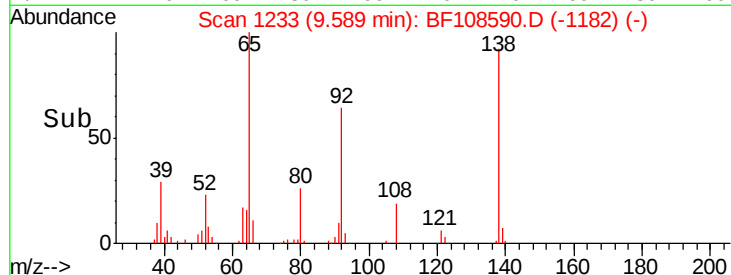
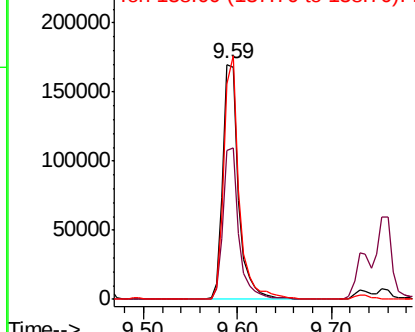
#47
2-Nitroaniline
Concen: 55.777 ng
RT: 9.59 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF108590.D
Acq: 29 Aug 2018 7:26

Instrument :
BNA_F
ClientSampleId :
PB112433BS

Tgt Ion: 65 Resp: 200167
Ion Ratio Lower Upper
65 100
92 63.5 55.8 83.6
138 91.5 91.2 136.8

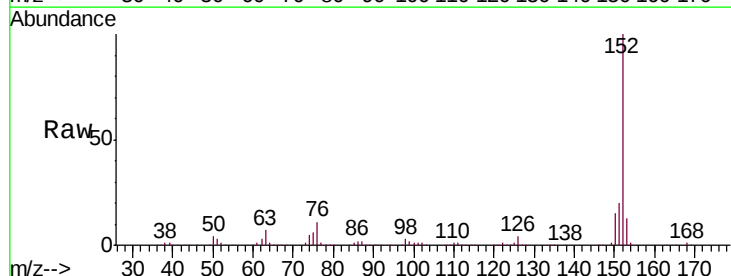


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E

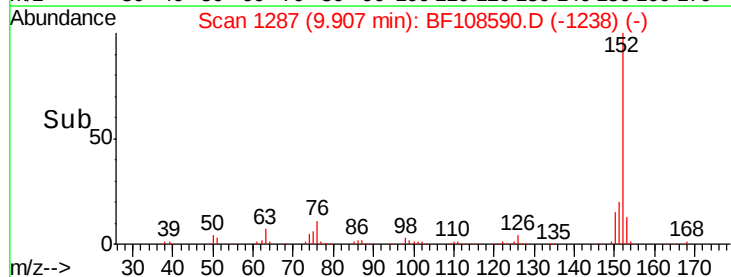
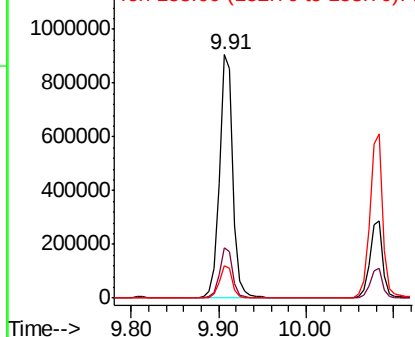


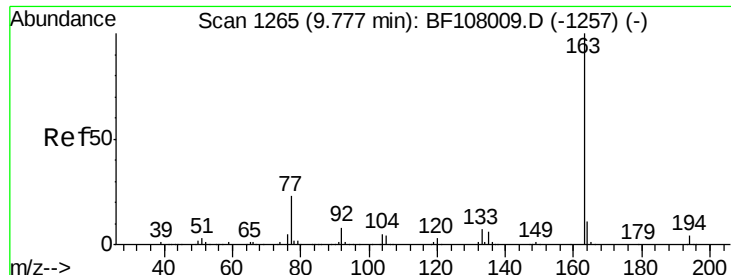
#48
Acenaphthylene
Concen: 54.990 ng
RT: 9.91 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF108590.D
Acq: 29 Aug 2018 7:26

Tgt Ion: 152 Resp: 964227
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.4 10.7 16.1



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

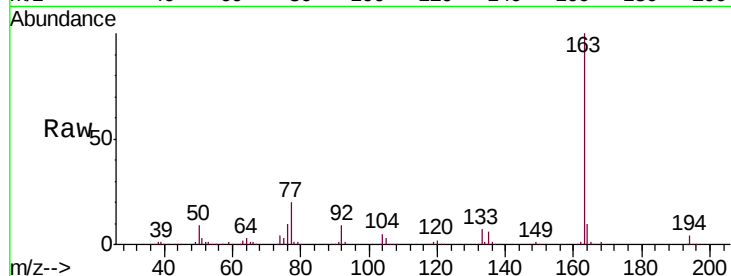




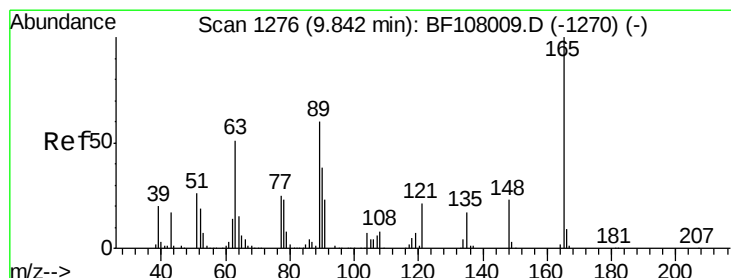
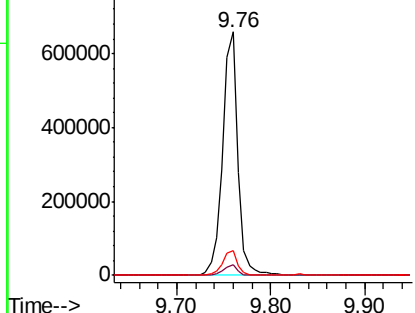
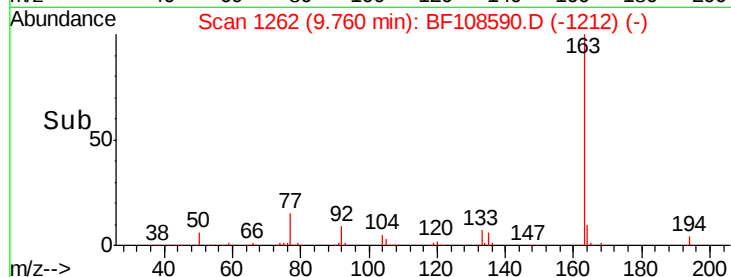
#49
Dimethylphthalate
Concen: 55.929 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF108590.D
Acq: 29 Aug 2018 7:26

Instrument :
BNA_F
ClientSampleId :
PB112433BS

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	9.9	8.2	12.2

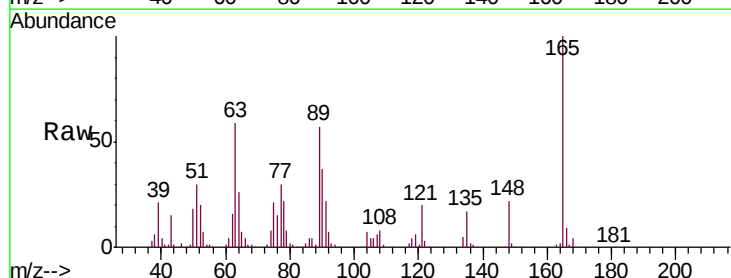


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

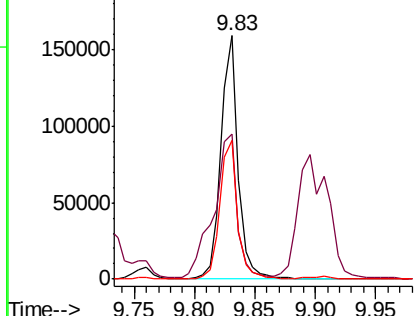
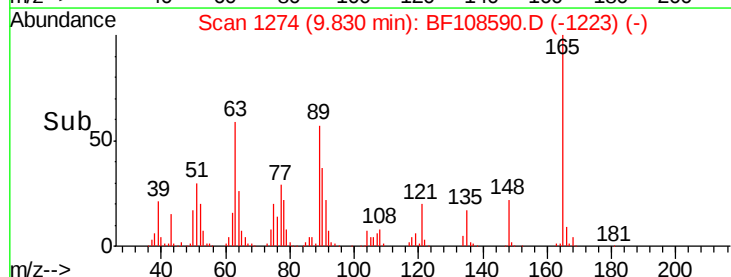


#50
2,6-Dinitrotoluene
Concen: 55.921 ng
RT: 9.83 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BF108590.D
Acq: 29 Aug 2018 7:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	59.4	44.7	67.1
89	56.9	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: 52.803 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108590.D

Acq: 29 Aug 2018 7:26

Instrument :

BNA_F

ClientSampleId :

PB112433BS

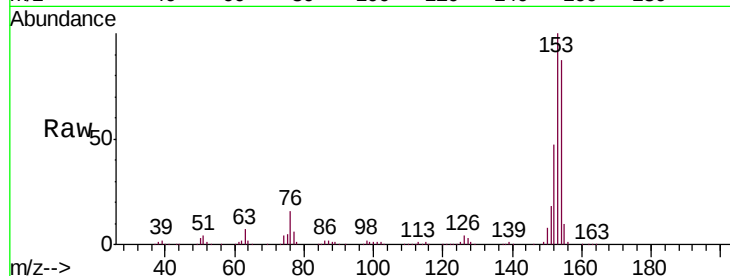
Tgt Ion:154 Resp: 567096

Ion Ratio Lower Upper

154 100

153 114.7 91.2 136.8

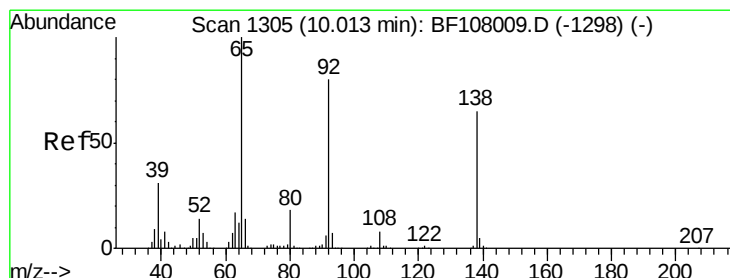
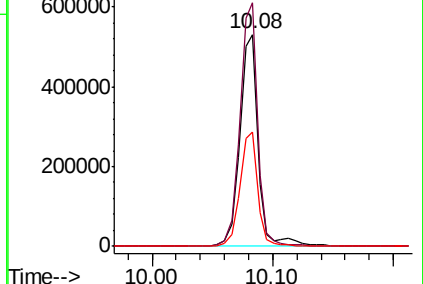
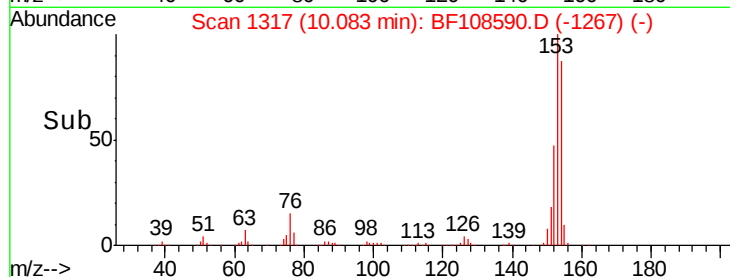
152 54.2 43.8 65.8



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: 29.047 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF108590.D

Acq: 29 Aug 2018 7:26

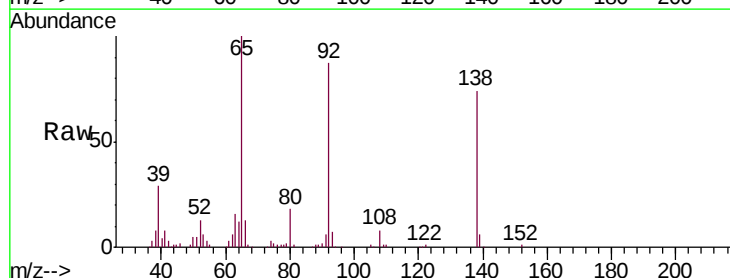
Tgt Ion:138 Resp: 88155

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

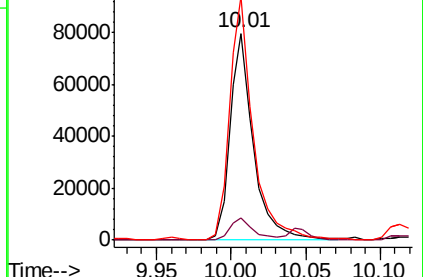
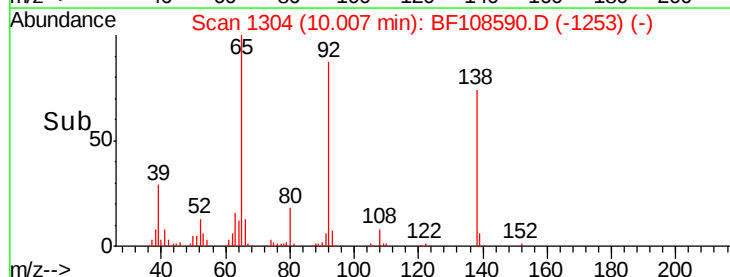
92 117.6 89.4 134.2

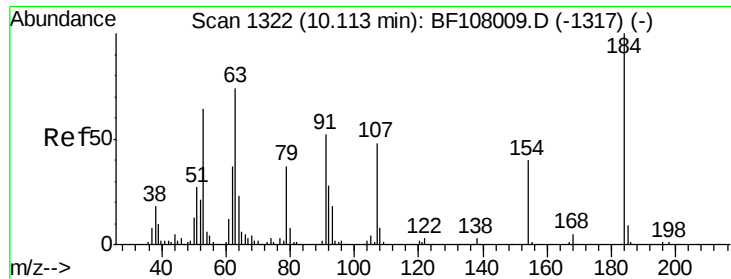


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

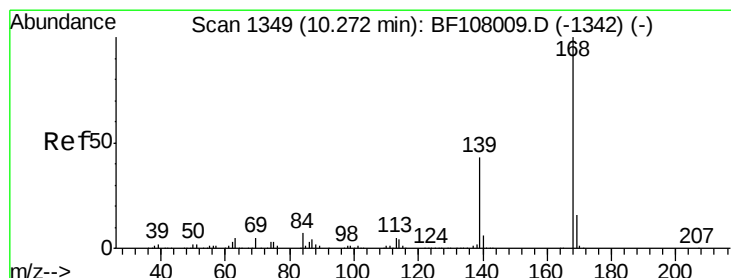
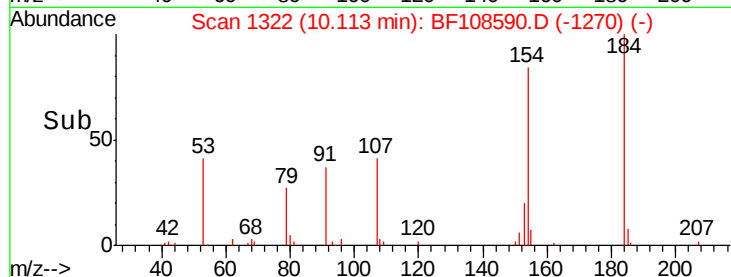
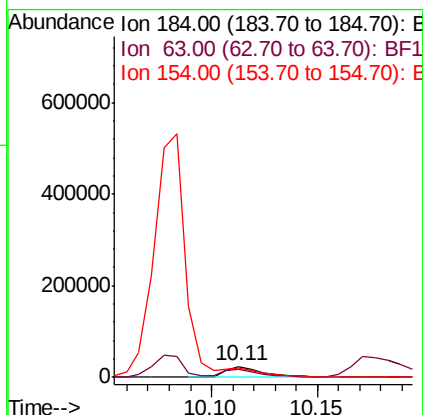
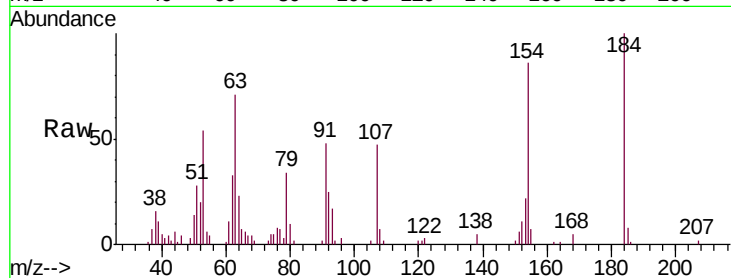




#53
2,4-Dinitrophenol
Concen: 33.751 ng
RT: 10.11 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF108590.D
Acq: 29 Aug 2018 7:26

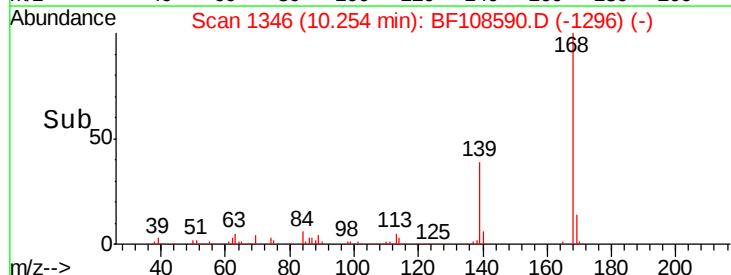
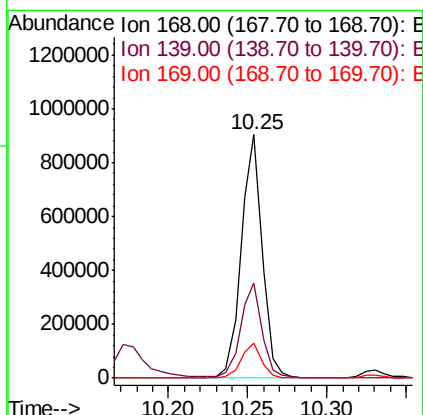
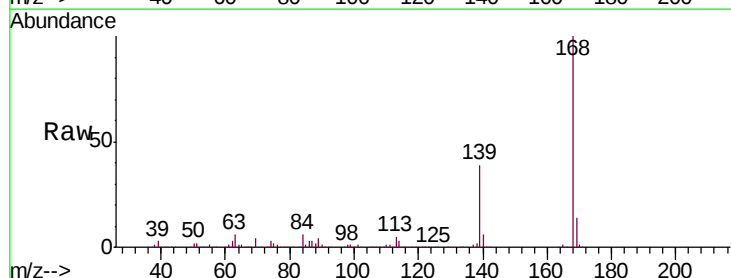
Instrument :
BNA_F
ClientSampleId :
PB112433BS

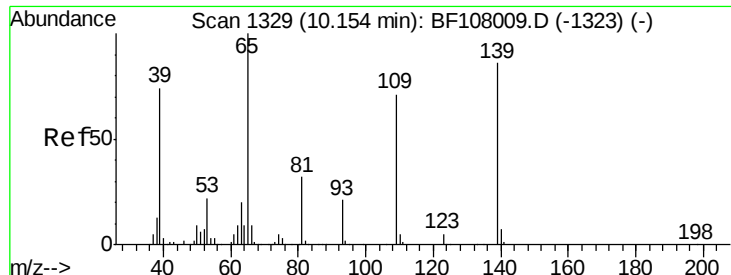
Tgt Ion:184 Resp: 30418
Ion Ratio Lower Upper
184 100
63 71.0 54.2 81.2
154 85.9 184.0 276.0#



#54
Dibenzofuran
Concen: 53.033 ng
RT: 10.25 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF108590.D
Acq: 29 Aug 2018 7:26

Tgt Ion:168 Resp: 825167
Ion Ratio Lower Upper
168 100
139 38.9 30.1 45.1
169 14.2 10.9 16.3

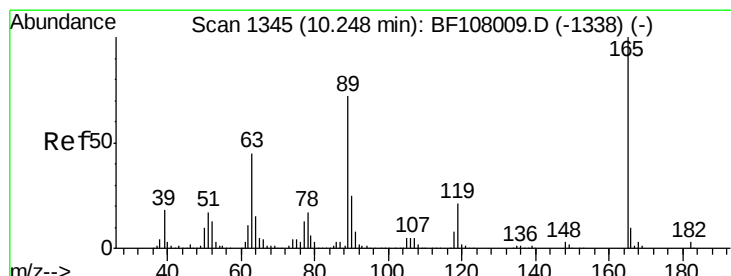
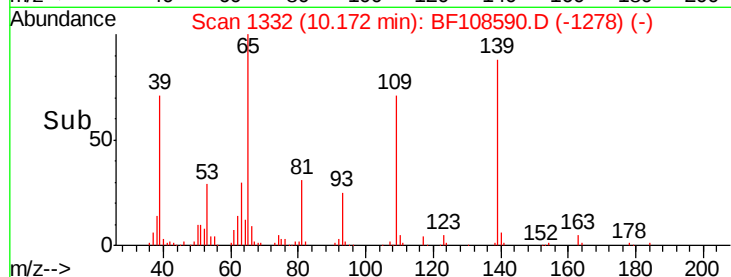
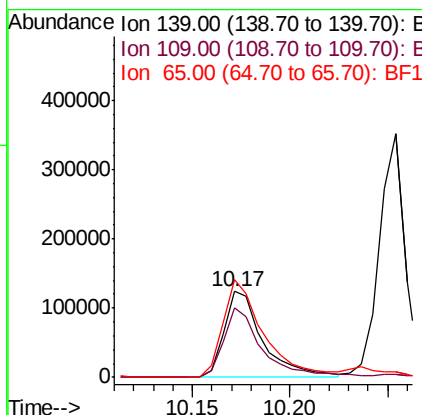
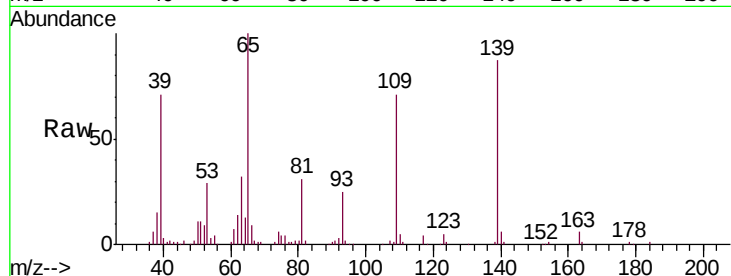




#55
4-Nitrophenol
Concen: 75.124 ng
RT: 10.17 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF108590.D
Acq: 29 Aug 2018 7:26

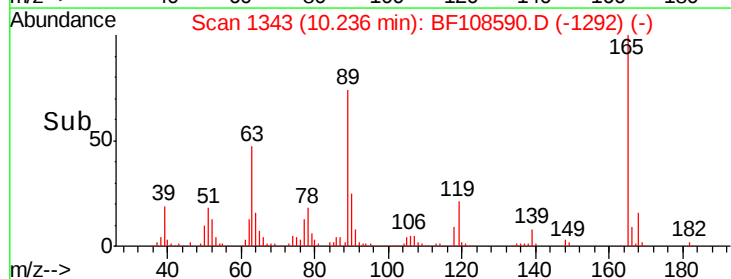
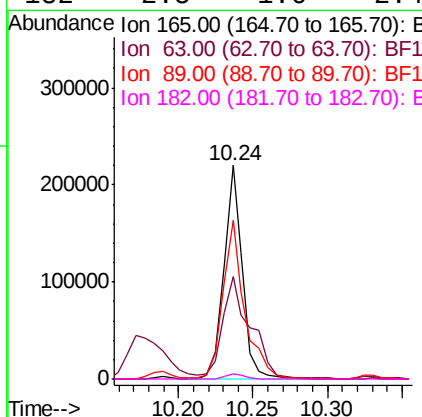
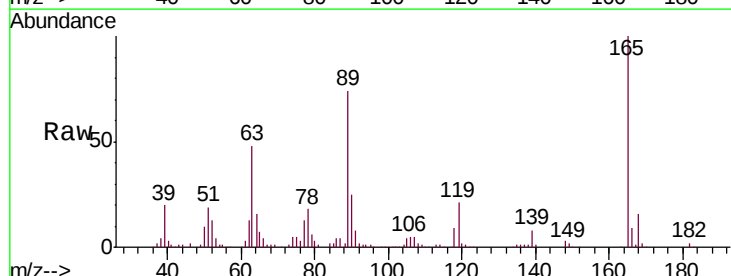
Instrument :
BNA_F
ClientSampleId :
PB112433BS

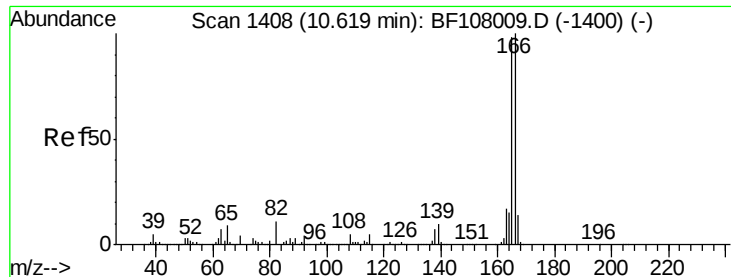
Tgt Ion:139 Resp: 172651
Ion Ratio Lower Upper
139 100
109 81.4 48.4 88.4
65 114.5 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 53.893 ng
RT: 10.24 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF108590.D
Acq: 29 Aug 2018 7:26

Tgt Ion:165 Resp: 192423
Ion Ratio Lower Upper
165 100
63 48.2 36.4 54.6
89 74.1 57.8 86.6
182 2.5 1.6 2.4#





#57

Fluorene

Concen: 52.175 ng

RT: 10.60 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BF108590.D

Acq: 29 Aug 2018 7:26

Instrument :

BNA_F

ClientSampleId :

PB112433BS

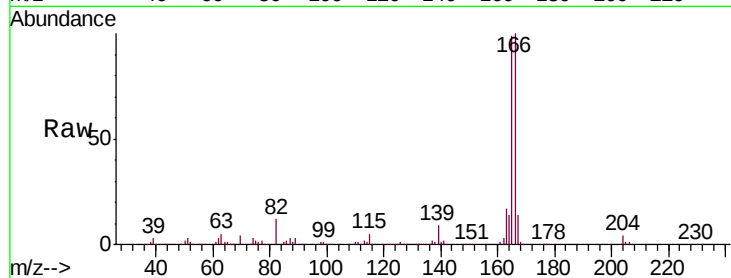
Tgt Ion:166 Resp: 642653

Ion Ratio Lower Upper

166 100

165 99.1 79.8 119.8

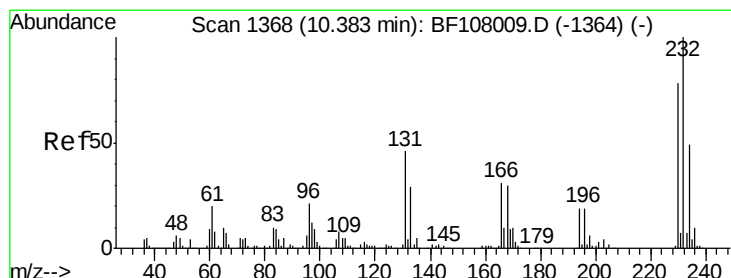
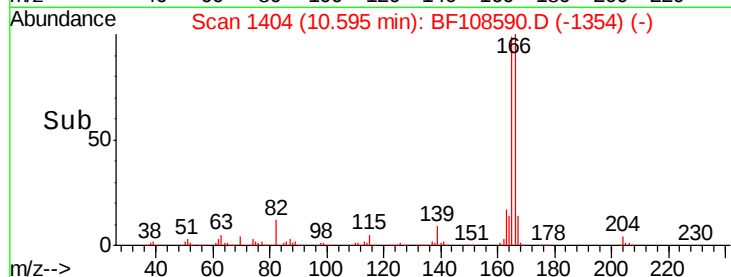
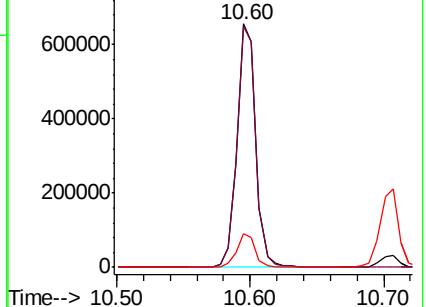
167 13.8 10.6 16.0



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: 52.267 ng

RT: 10.37 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BF108590.D

Acq: 29 Aug 2018 7:26

Tgt Ion:232 Resp: 174426

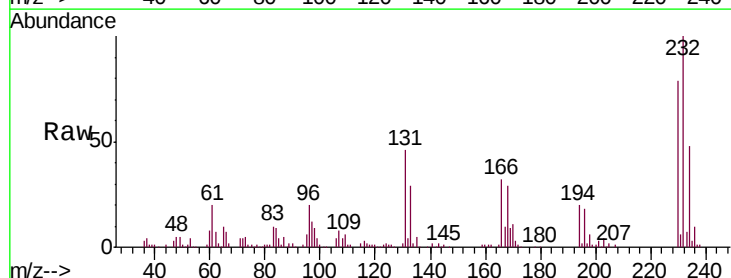
Ion Ratio Lower Upper

232 100

131 39.9 43.8 65.8#

130 2.1 2.1 3.1#

166 28.0 27.8 41.6

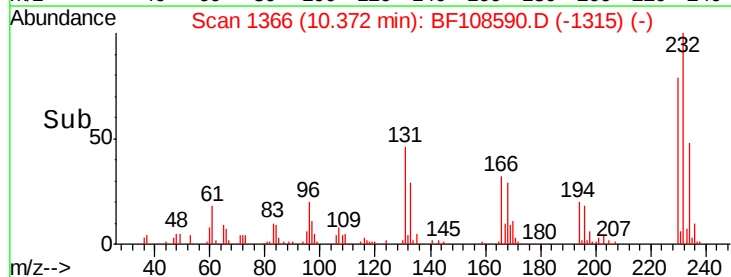
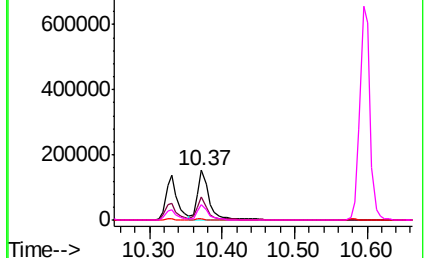


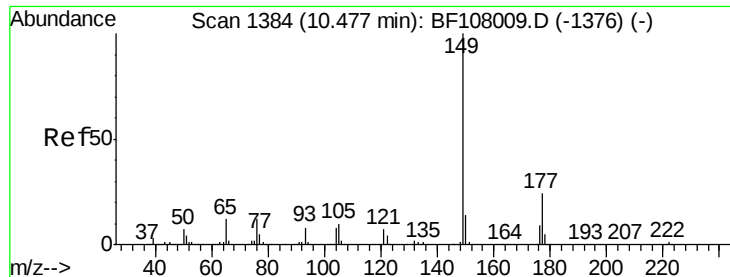
Abundance Ion 232.00 (231.70 to 232.70): E

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: 54.434 ng

RT: 10.45 min Scan# 1380

Delta R.T. -0.01 min

Lab File: BF108590.D

Acq: 29 Aug 2018 7:26

Instrument :

BNA_F

ClientSampleId :

PB112433BS

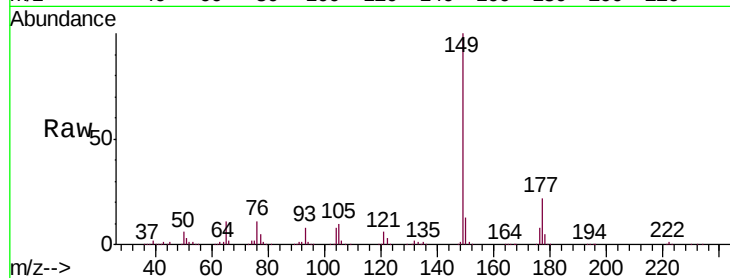
Tgt Ion:149 Resp: 698846

Ion Ratio Lower Upper

149 100

177 22.0 16.1 24.1

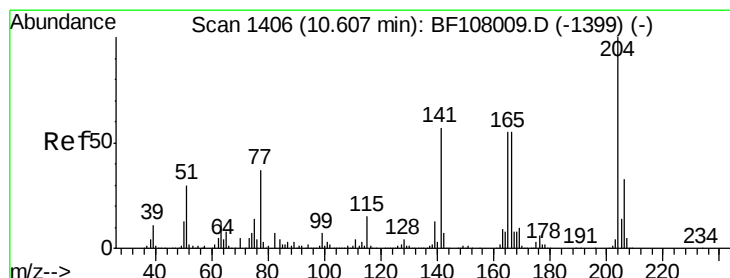
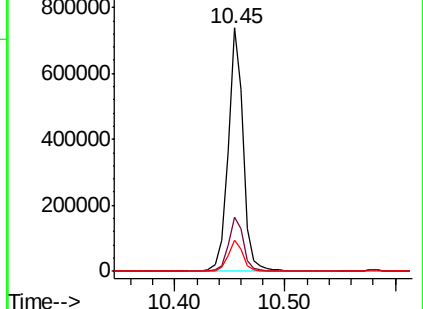
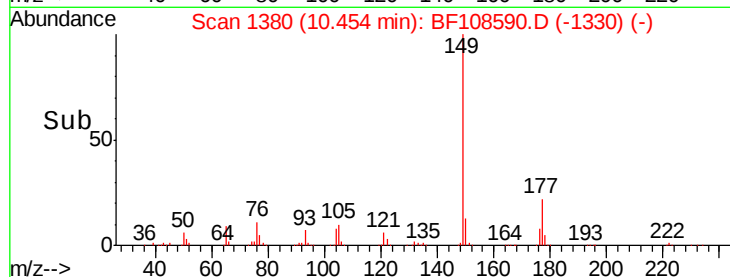
150 13.0 10.1 15.1



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: 53.348 ng

RT: 10.58 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF108590.D

Acq: 29 Aug 2018 7:26

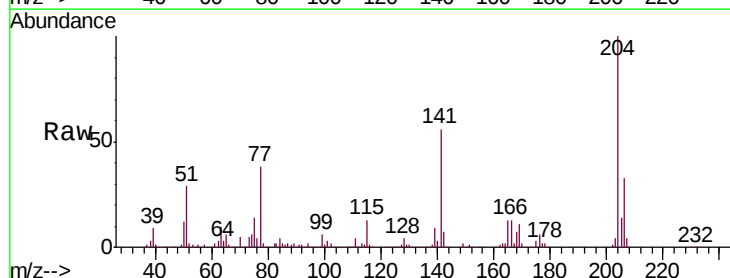
Tgt Ion:204 Resp: 342395

Ion Ratio Lower Upper

204 100

206 33.1 26.5 39.7

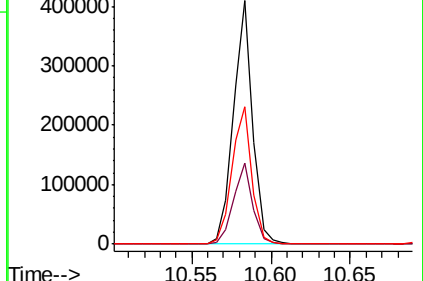
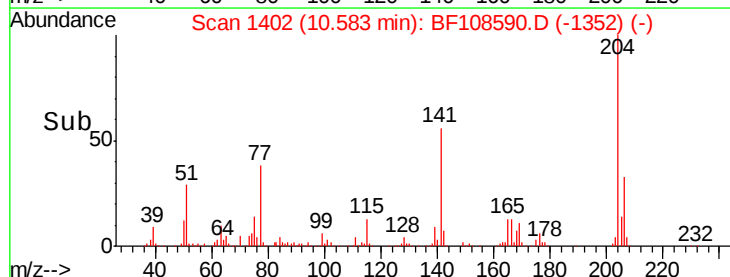
141 56.3 54.6 81.8

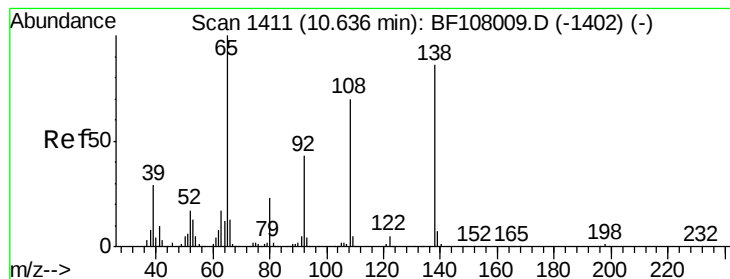


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.612 ng

RT: 10.62 min Scan# 1409

Delta R.T. 0.01 min

Lab File: BF108590.D

Acq: 29 Aug 2018 7:26

Instrument :

BNA_F

ClientSampleId :

PB112433BS

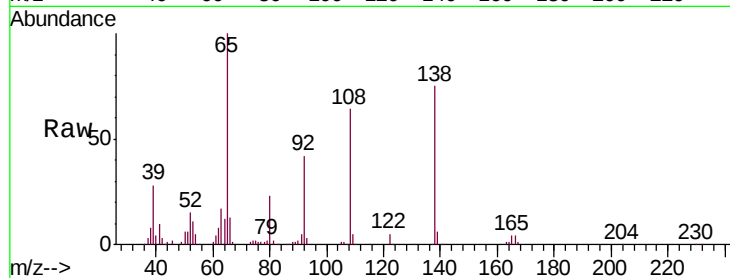
Tgt Ion:138 Resp: 112859

Ion Ratio Lower Upper

138 100

92 56.2 30.2 70.2

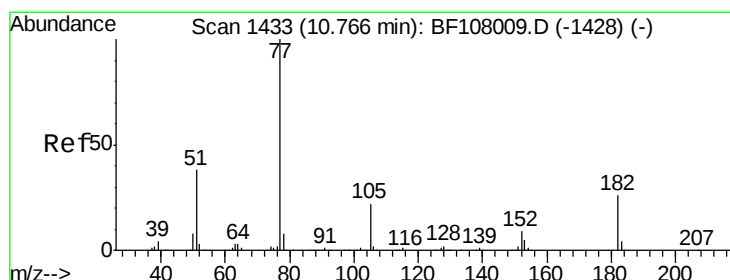
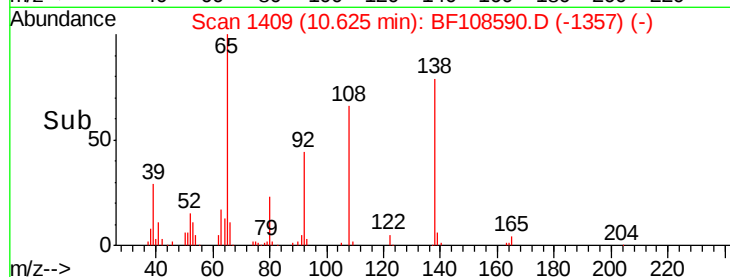
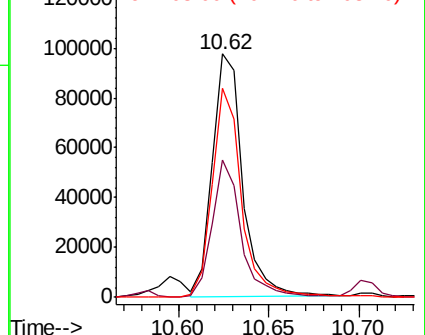
108 85.8 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 49.850 ng

RT: 10.74 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF108590.D

Acq: 29 Aug 2018 7:26

Tgt Ion: 77 Resp: 660941

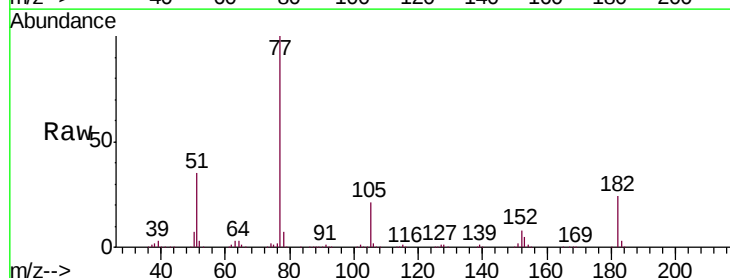
Ion Ratio Lower Upper

77 100

182 24.1 1.7 41.7

105 21.0 3.0 43.0

51 34.9 9.9 49.9

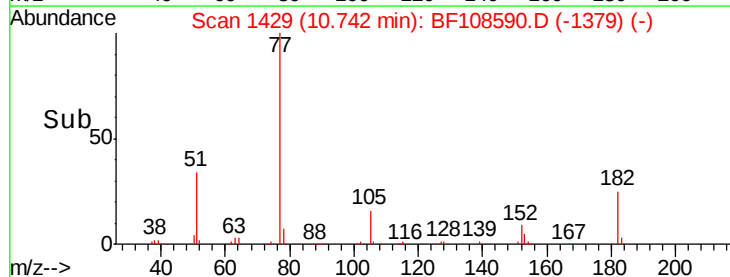
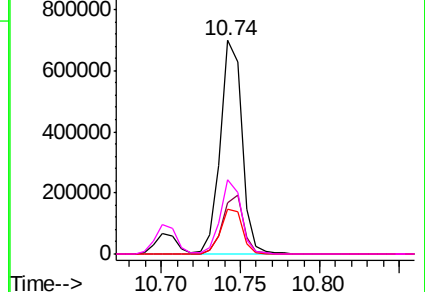


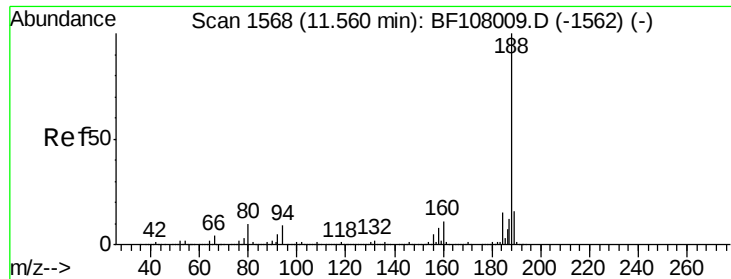
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

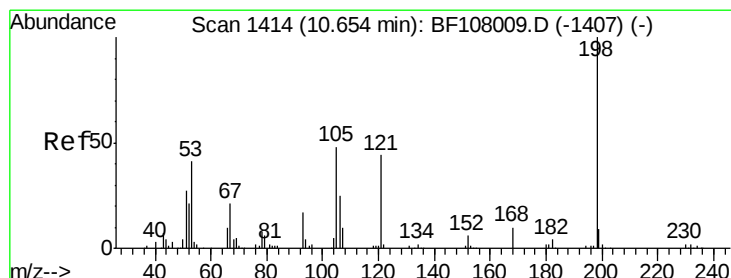
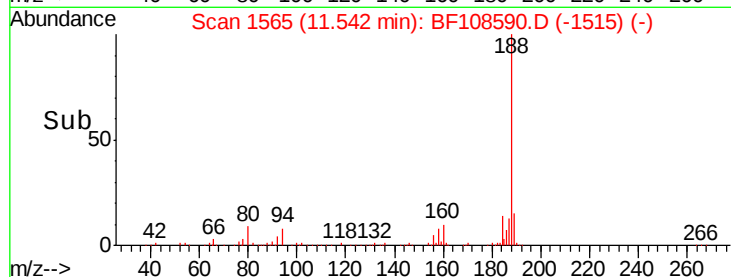
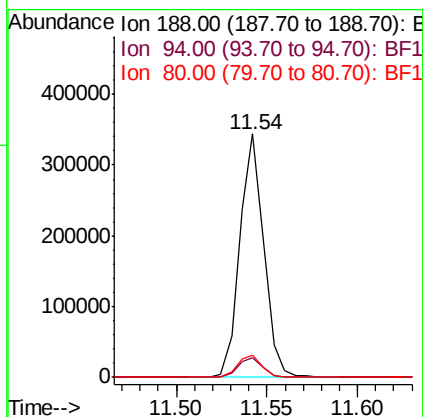
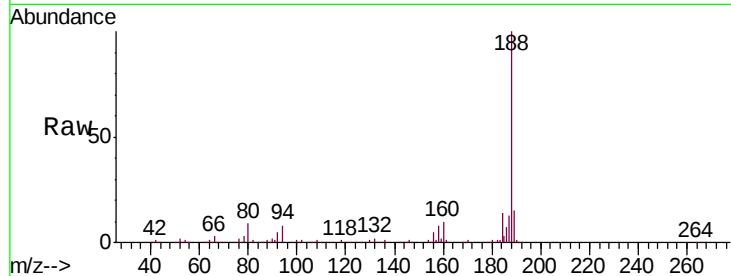




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108590.D
Acq: 29 Aug 2018 7:26

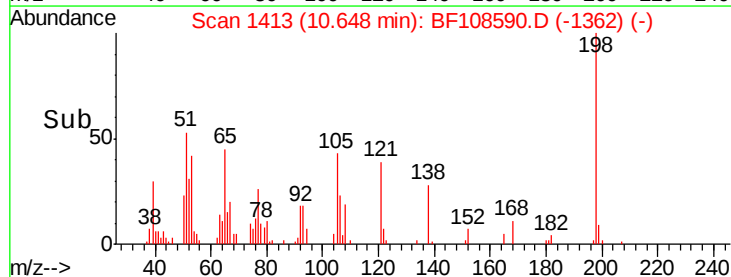
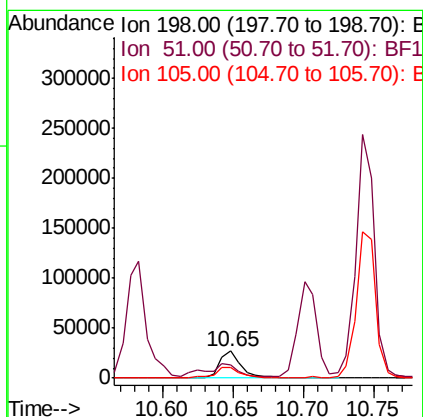
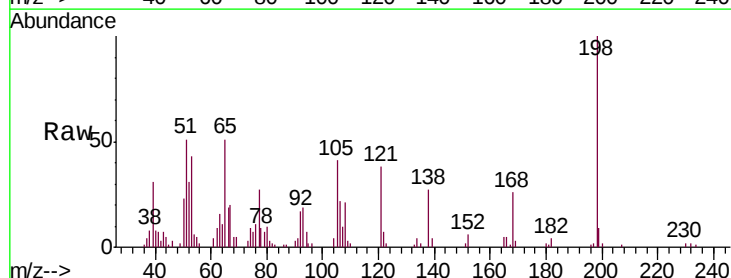
Instrument :
BNA_F
ClientSampleId :
PB112433BS

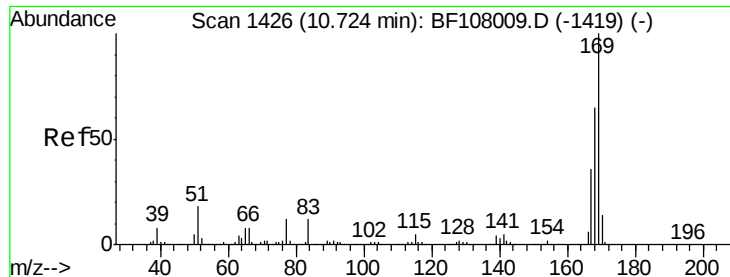
Tgt Ion:188 Resp: 314610
Ion Ratio Lower Upper
188 100
94 7.9 8.5 12.7#
80 9.0 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 27.532 ng
RT: 10.65 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF108590.D
Acq: 29 Aug 2018 7:26

Tgt Ion:198 Resp: 29481
Ion Ratio Lower Upper
198 100
51 51.1 37.7 77.7
105 41.2 36.3 76.3

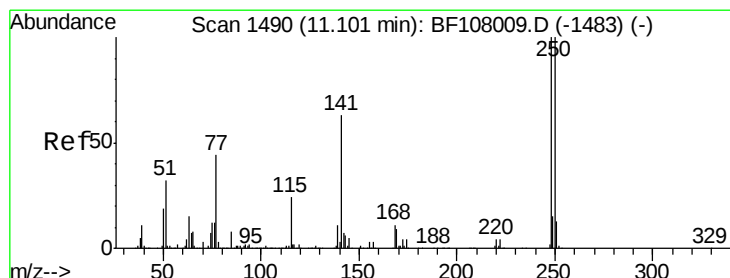
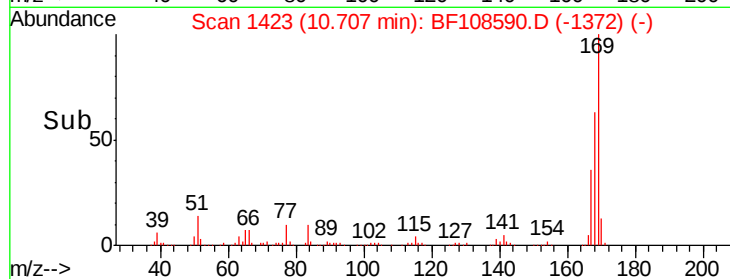
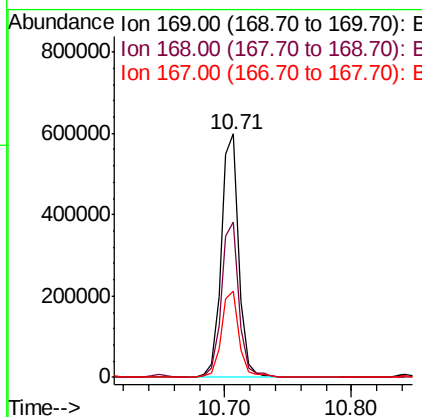
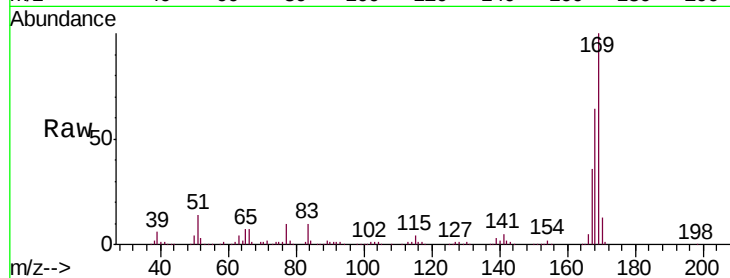




#65
 n-Nitrosodiphenylamine
 Concen: 61.775 ng
 RT: 10.71 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF108590.D
 Acq: 29 Aug 2018 7:26

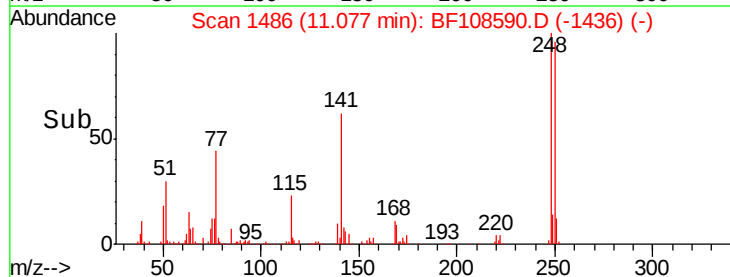
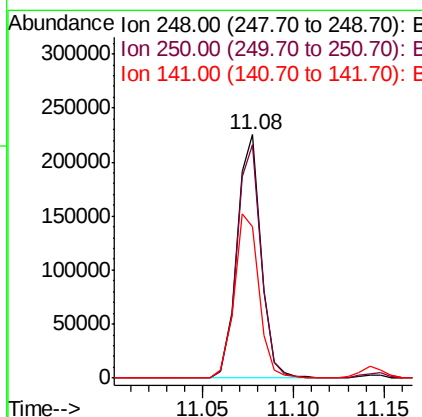
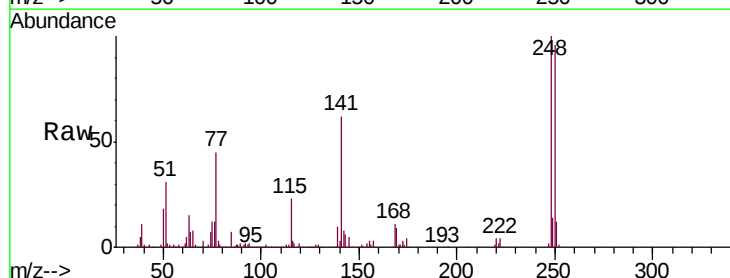
Instrument :
 BNA_F
 ClientSampleId :
 PB112433BS

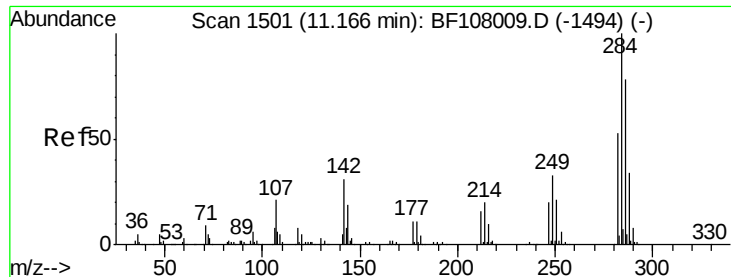
Tgt Ion	Ratio	Lower	Upper
169	100		
168	63.7	54.4	81.6
167	35.6	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 60.803 ng
 RT: 11.08 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: BF108590.D
 Acq: 29 Aug 2018 7:26

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.8	76.9	115.3
141	62.5	74.4	111.6#

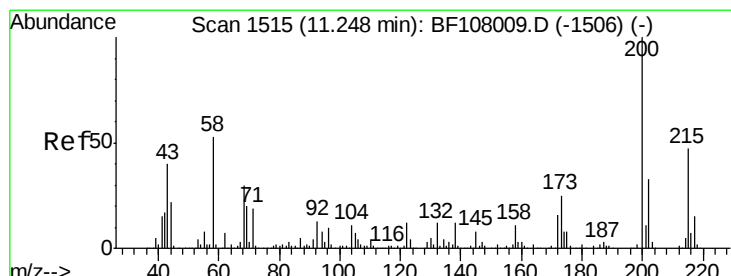
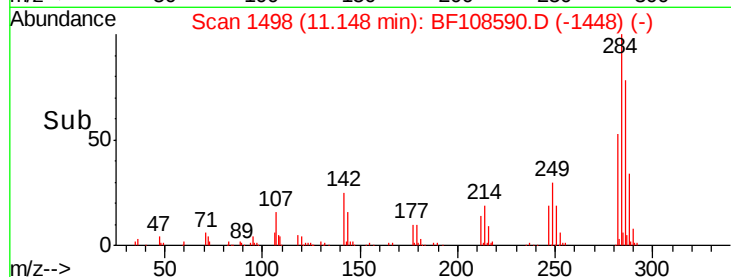
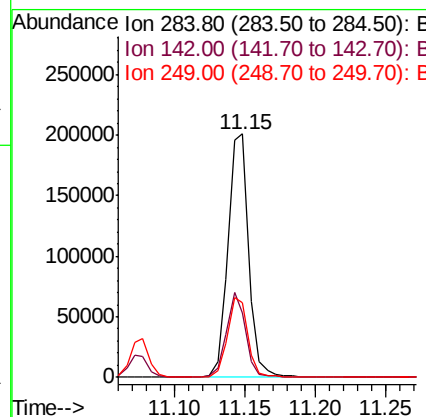
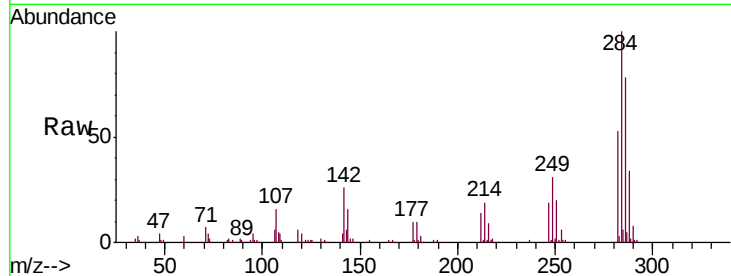




#67
Hexachlorobenzene
Concen: 56.971 ng
RT: 11.15 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF108590.D
Acq: 29 Aug 2018 7:26

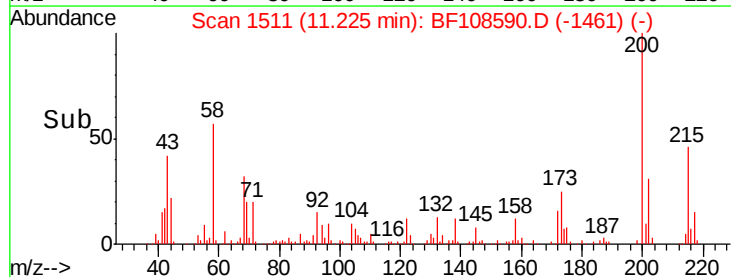
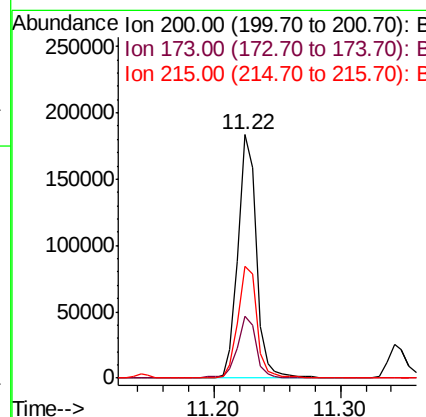
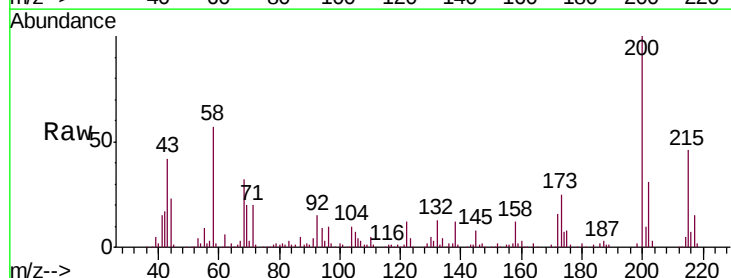
Instrument :
BNA_F
ClientSampleId :
PB112433BS

Tgt Ion:284 Resp: 204941
Ion Ratio Lower Upper
284 100
142 26.4 34.6 52.0#
249 30.5 24.8 37.2



#68
Atrazine
Concen: 59.115 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF108590.D
Acq: 29 Aug 2018 7:26

Tgt Ion:200 Resp: 184336
Ion Ratio Lower Upper
200 100
173 25.3 8.6 48.6
215 46.1 25.1 65.1

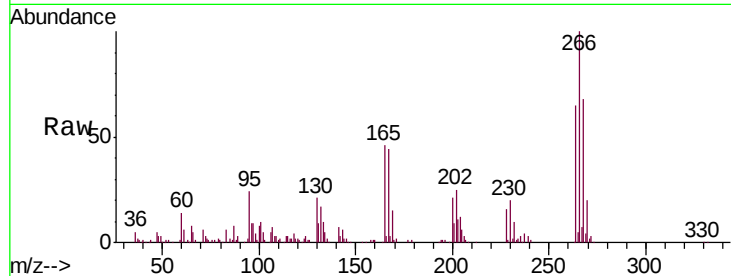




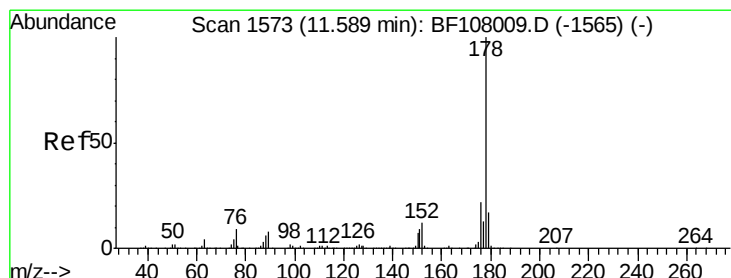
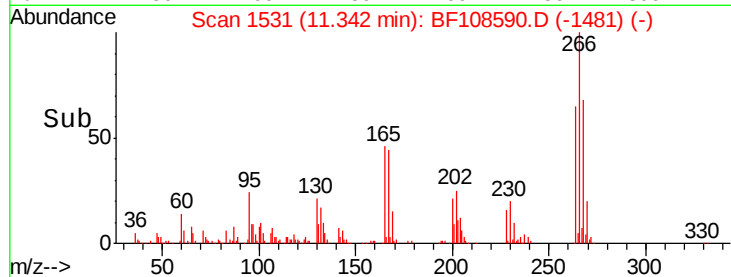
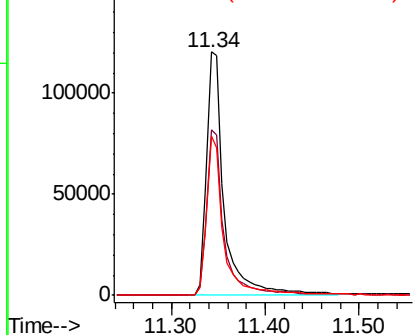
#69
 Pentachlorophenol
 Concen: 93.653 ng
 RT: 11.34 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF108590.D
 Acq: 29 Aug 2018 7:26

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BS

Tgt Ion: 266 Resp: 161253
 Ion Ratio Lower Upper
 266 100
 268 68.2 51.1 76.7
 264 65.3 49.5 74.3

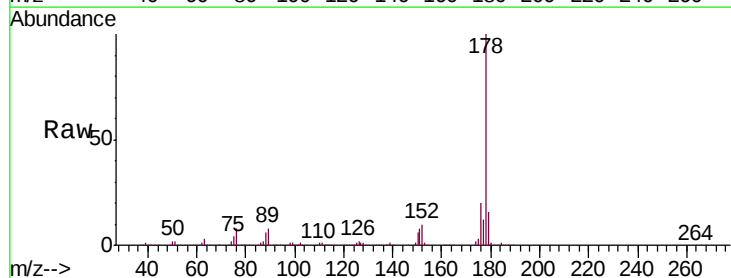


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

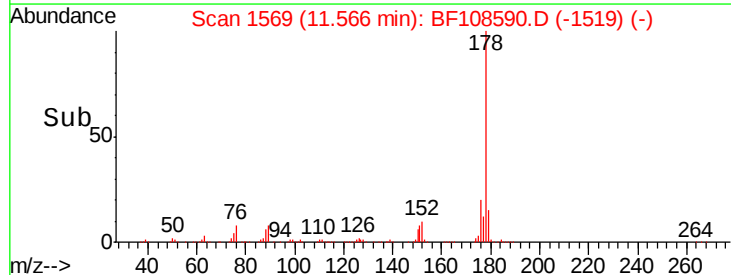
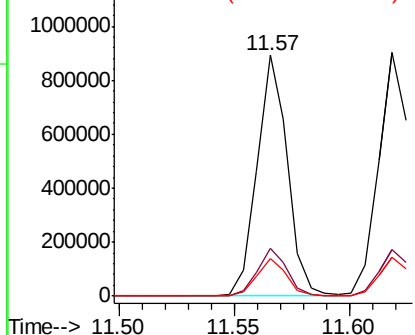


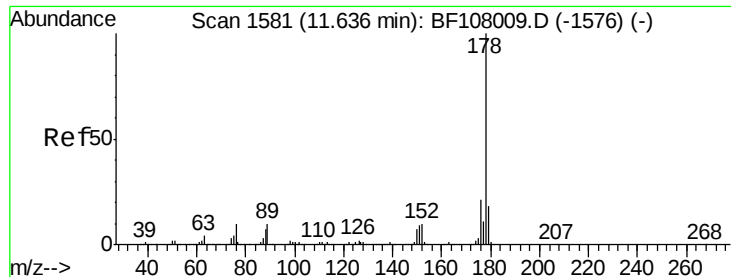
#70
 Phenanthrene
 Concen: 55.087 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF108590.D
 Acq: 29 Aug 2018 7:26

Tgt Ion: 178 Resp: 817439
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.8 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

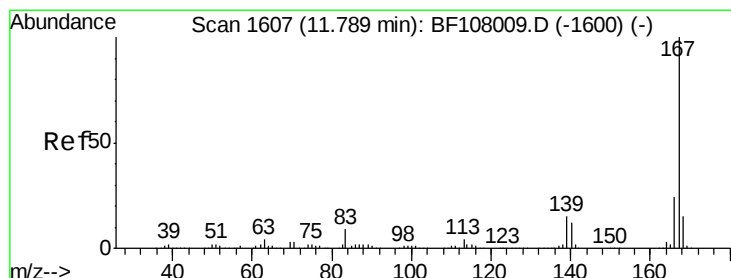
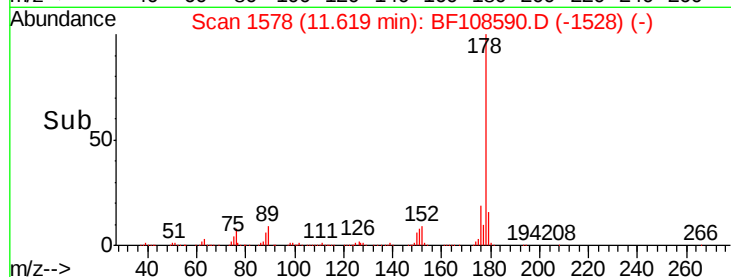
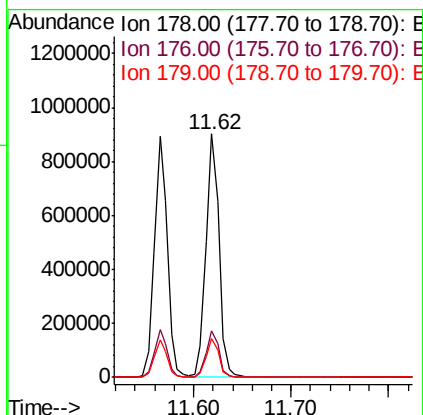
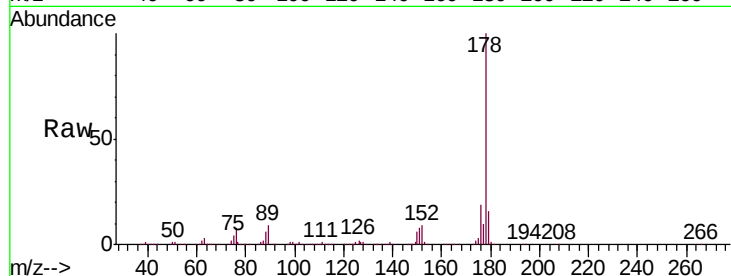




#71
 Anthracene
 Concen: 55.407 ng
 RT: 11.62 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF108590.D
 Acq: 29 Aug 2018 7:26

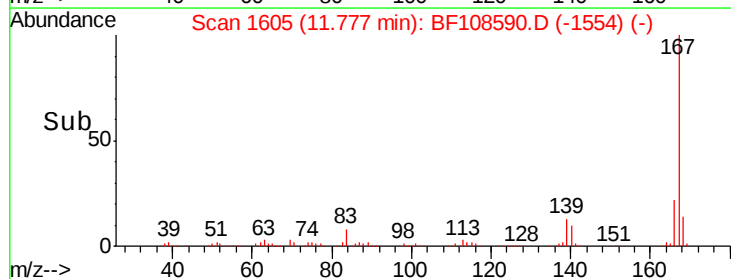
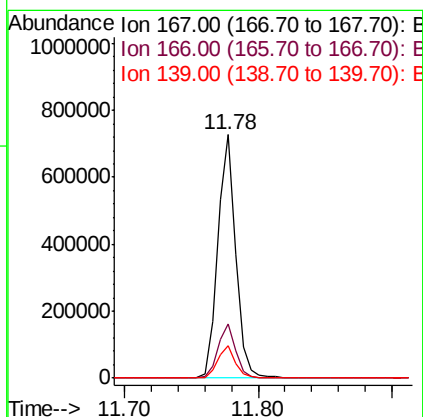
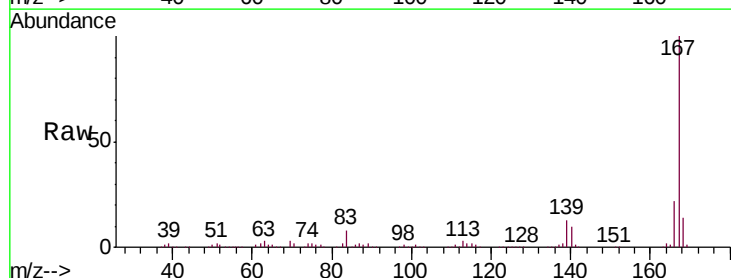
Instrument :
 BNA_F
 ClientSampleId :
 PB112433BS

Tgt Ion:178 Resp: 842682
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 51.110 ng
 RT: 11.78 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF108590.D
 Acq: 29 Aug 2018 7:26

Tgt Ion:167 Resp: 690633
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.1 10.9 16.3

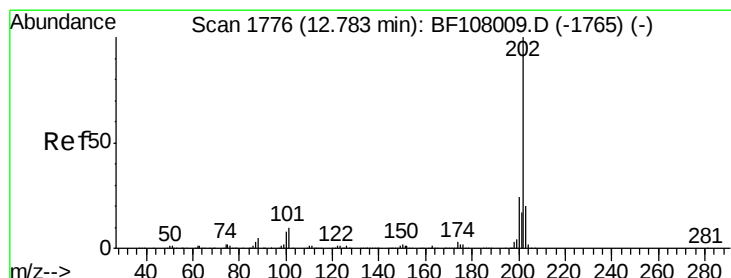
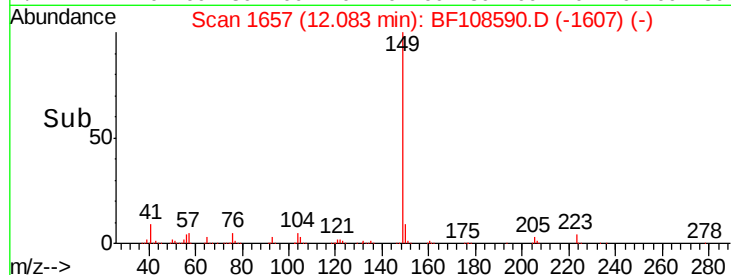
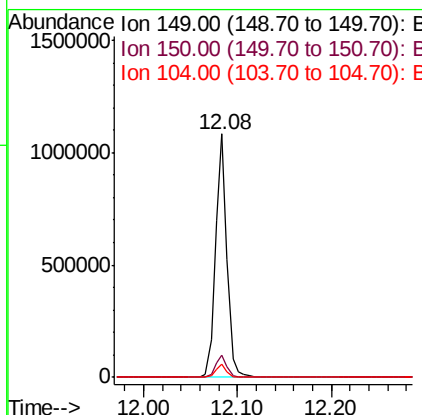
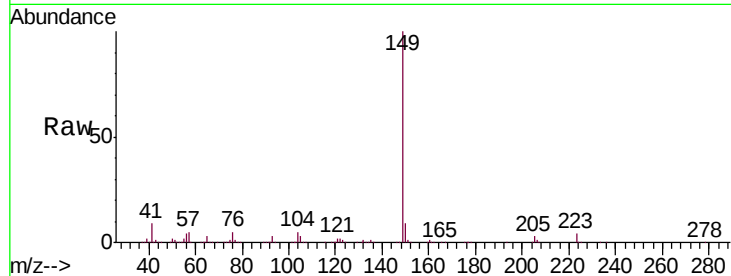




#73
Di-n-butylphthalate
Concen: 60.573 ng
RT: 12.08 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BF108590.D
Acq: 29 Aug 2018 7:26

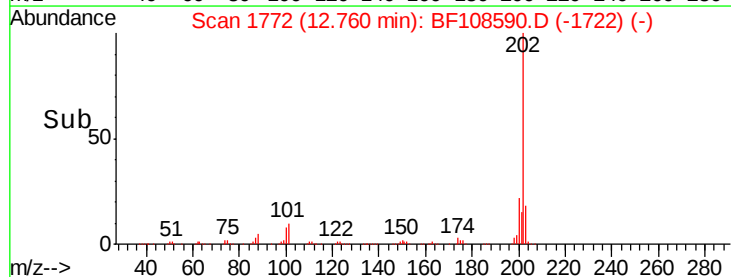
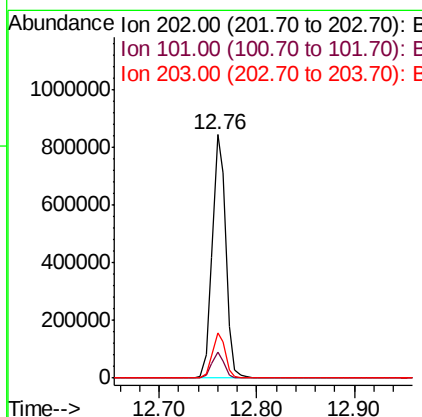
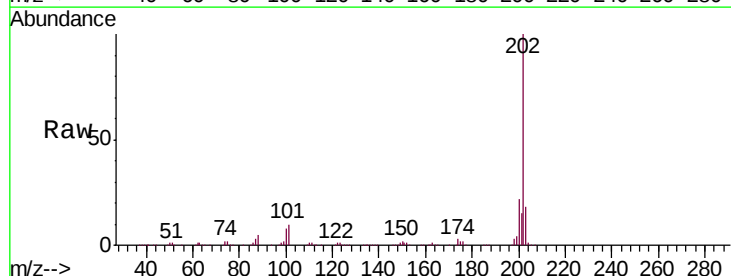
Instrument :
BNA_F
ClientSampleId :
PB112433BS

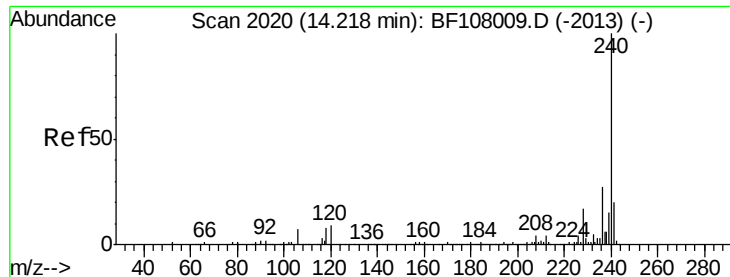
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	5.2	3.8	5.8



#74
Fluoranthene
Concen: 50.042 ng
RT: 12.76 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF108590.D
Acq: 29 Aug 2018 7:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	34.1
203	18.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108590.D

Acq: 29 Aug 2018 7:26

Instrument :

BNA_F

ClientSampleId :

PB112433BS

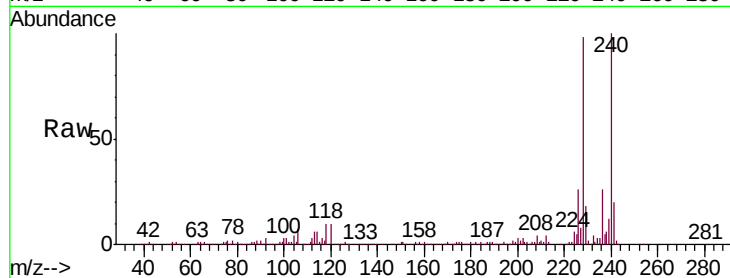
Tgt Ion:240 Resp: 258286

Ion Ratio Lower Upper

240 100

120 10.0 9.5 14.3

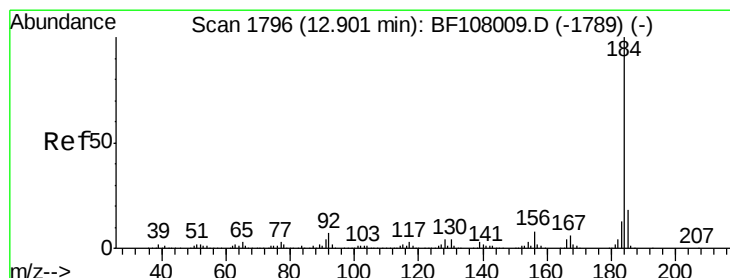
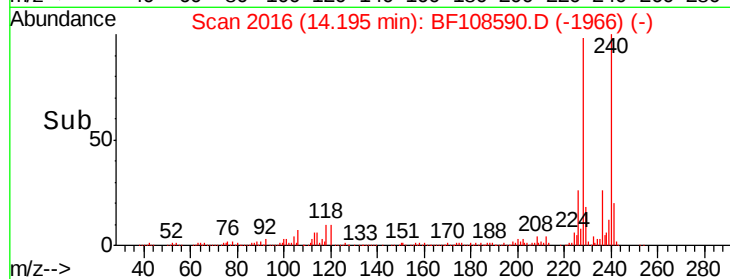
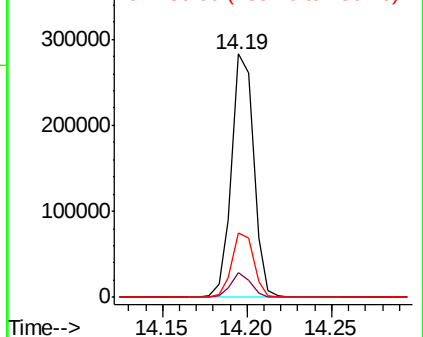
236 26.5 20.7 31.1



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: 32.119 ng

RT: 12.88 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BF108590.D

Acq: 29 Aug 2018 7:26

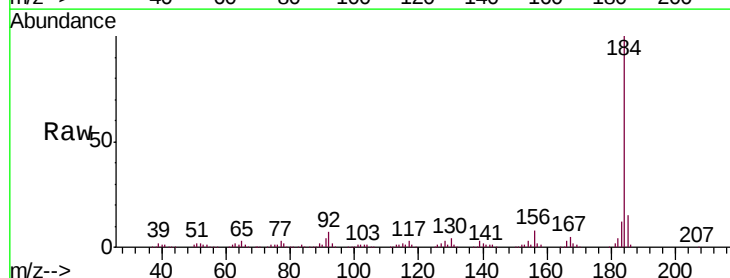
Tgt Ion:184 Resp: 309957

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

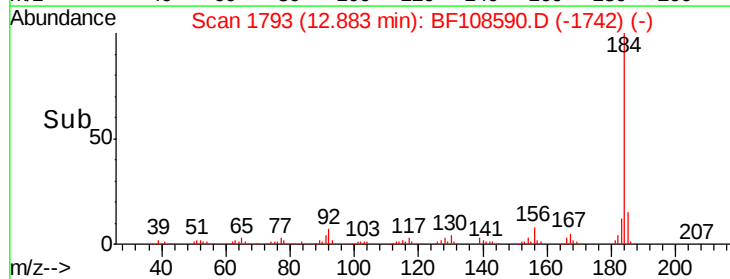
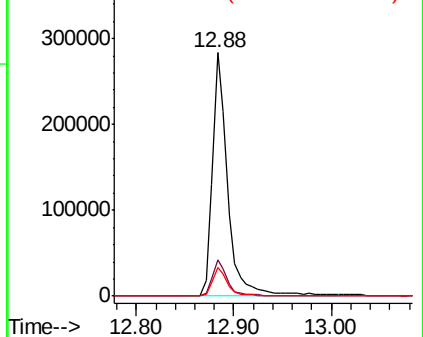
183 11.9 9.3 13.9



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

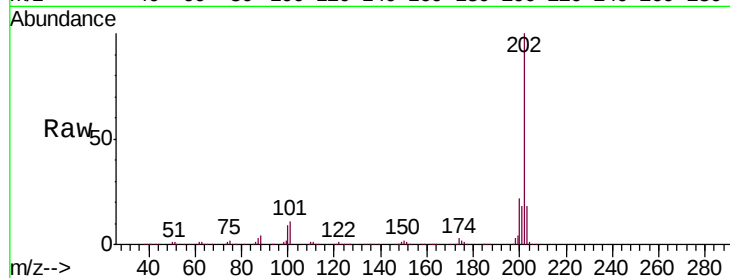




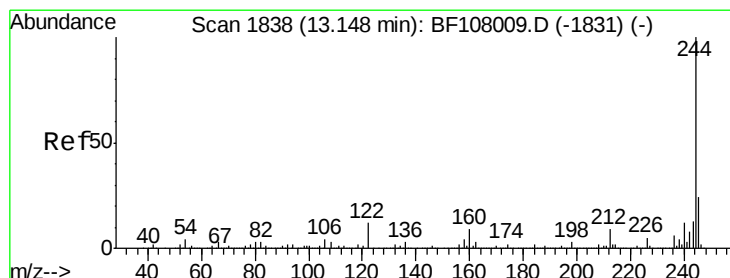
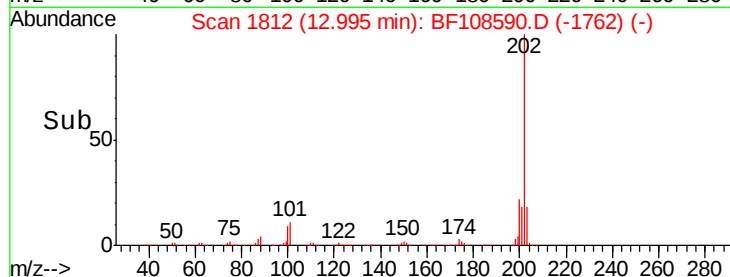
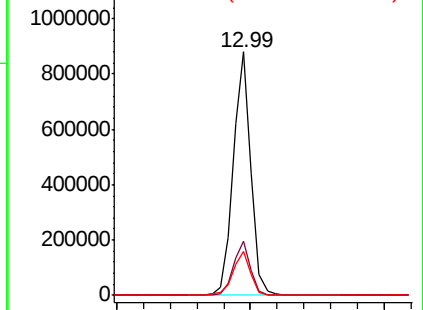
#77
 Pyrene
 Concen: 49.594 ng
 RT: 12.99 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BF108590.D
 Acq: 29 Aug 2018 7:26

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	17.9	14.3	21.5

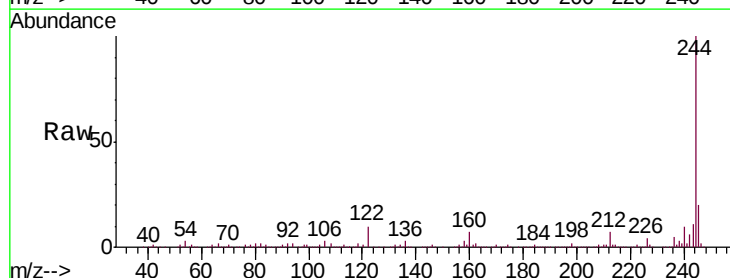


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

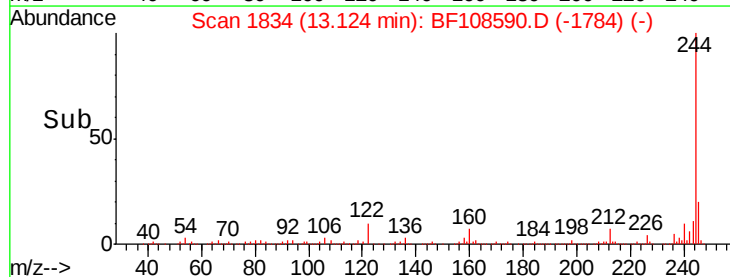
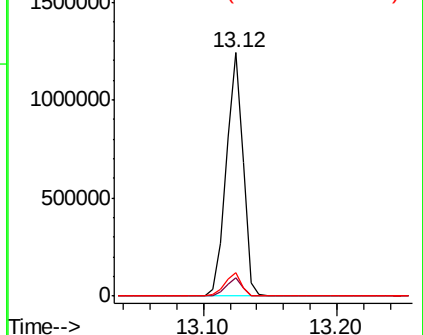


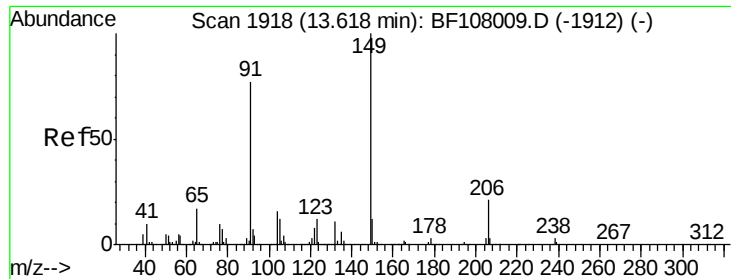
#78
 Terphenyl-d14
 Concen: 108.527 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108590.D
 Acq: 29 Aug 2018 7:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	9.6	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

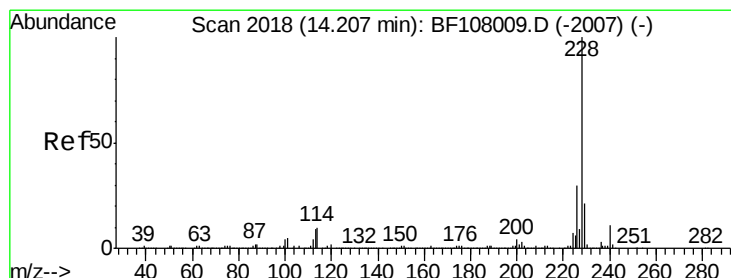
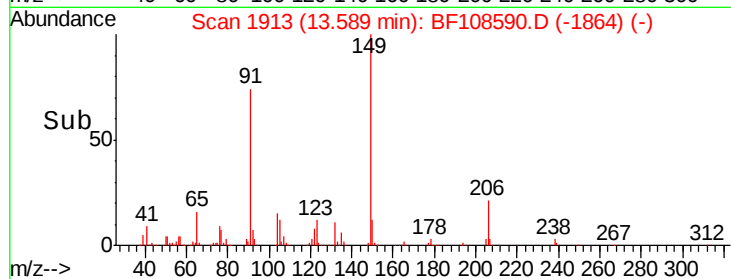
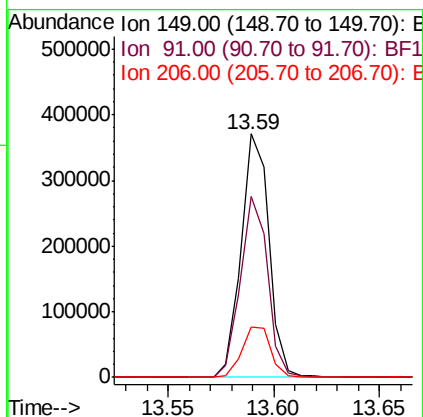
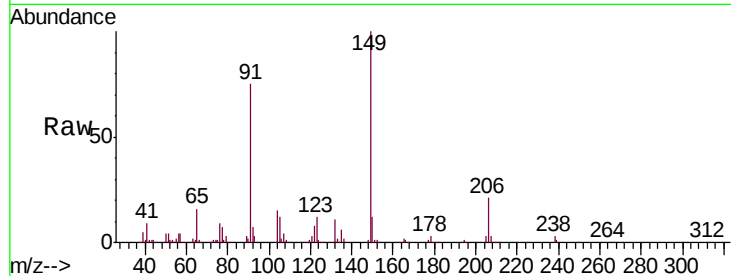




#79
Butylbenzylphthalate
Concen: 52.151 ng
RT: 13.59 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF108590.D
Acq: 29 Aug 2018 7:26

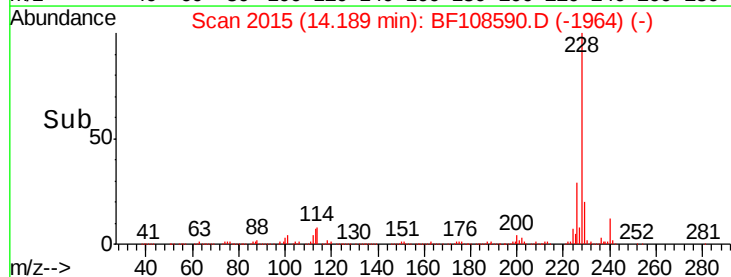
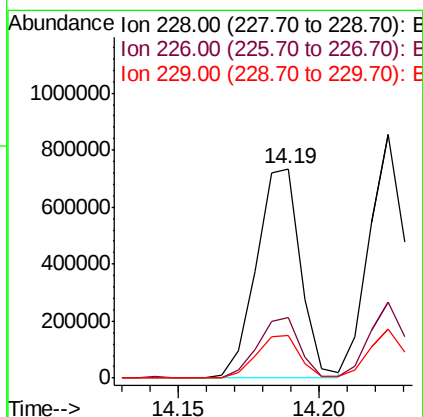
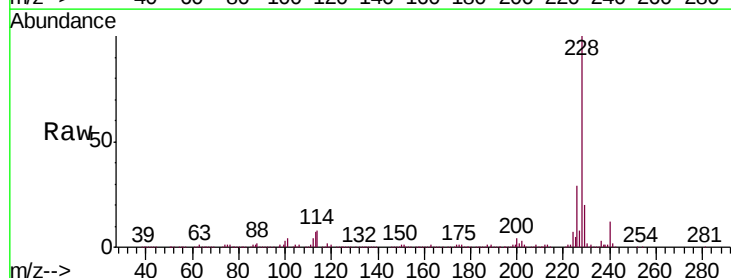
Instrument :
BNA_F
ClientSampleId :
PB112433BS

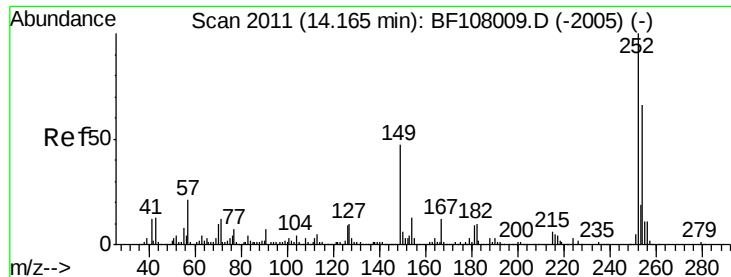
Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.6	56.8	85.2
206	20.5	14.1	21.1



#80
Benzo(a)anthracene
Concen: 53.641 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF108590.D
Acq: 29 Aug 2018 7:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	20.3	15.8	23.6

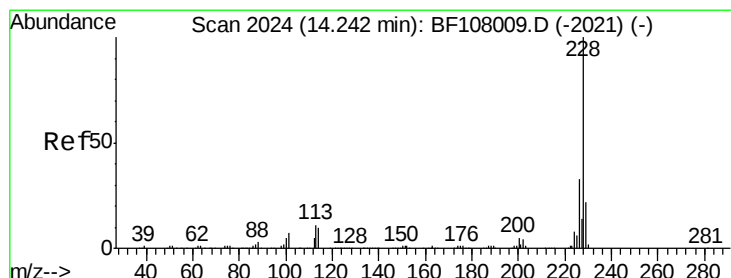
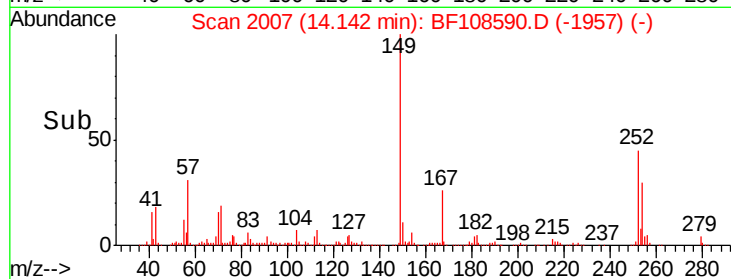
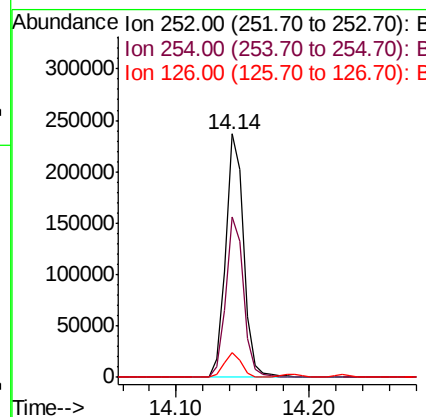
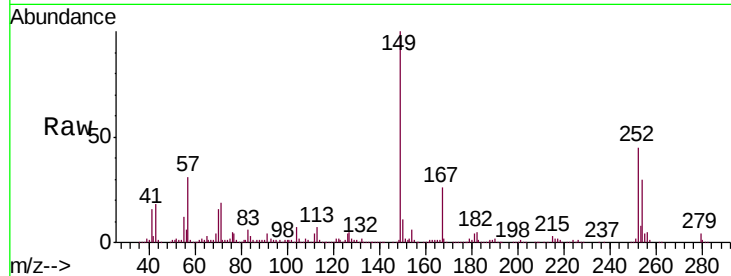




#81
 3,3'-Dichlorobenzidine
 Concen: 42.787 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108590.D
 Acq: 29 Aug 2018 7:26

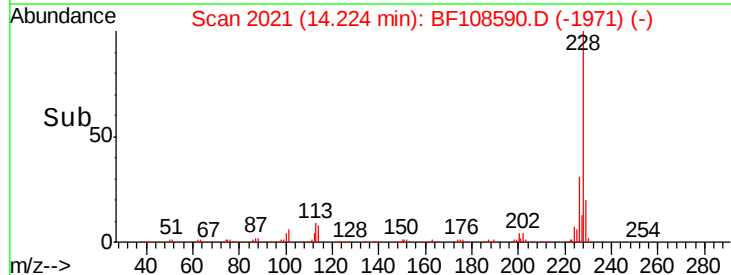
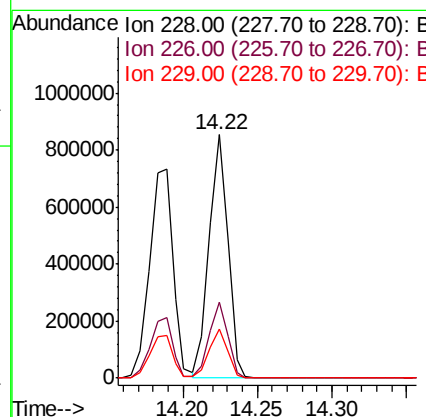
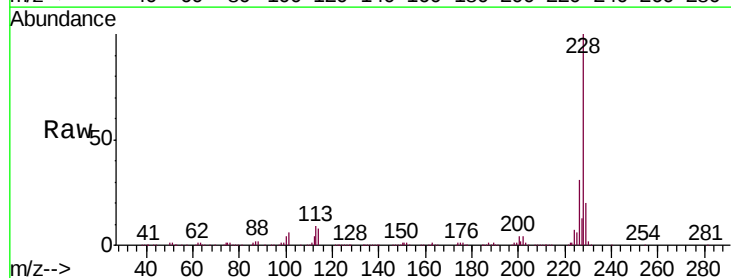
Instrument :
 BNA_F
 ClientSampleId :
 PB112433BS

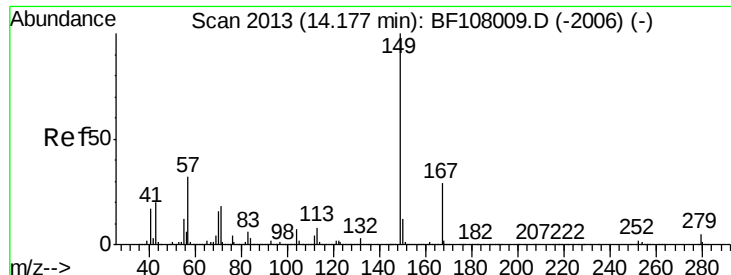
Tgt Ion: 252 Resp: 227290
 Ion Ratio Lower Upper
 252 100
 254 66.0 50.4 75.6
 126 10.0 11.3 16.9#



#82
 Chrysene
 Concen: 54.412 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108590.D
 Acq: 29 Aug 2018 7:26

Tgt Ion: 228 Resp: 739433
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.0 37.6
 229 19.9 16.2 24.4

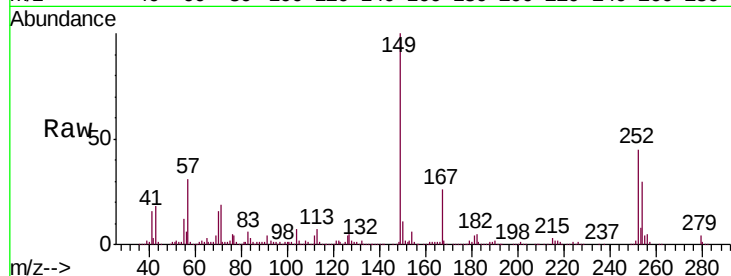




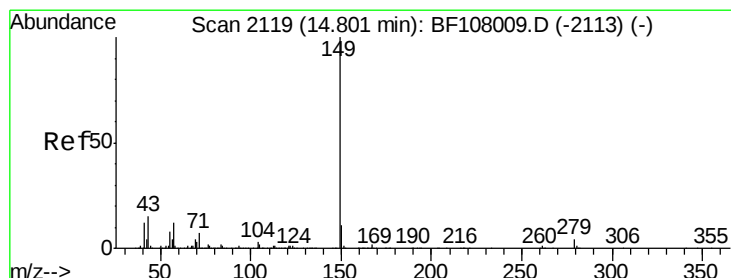
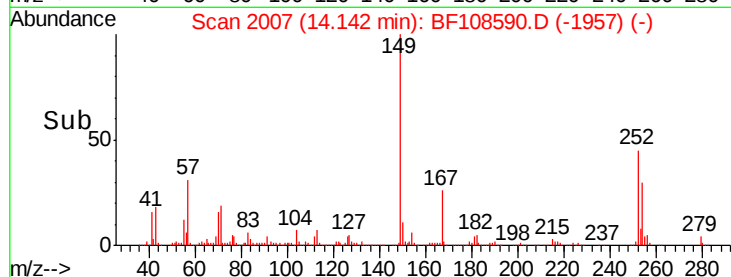
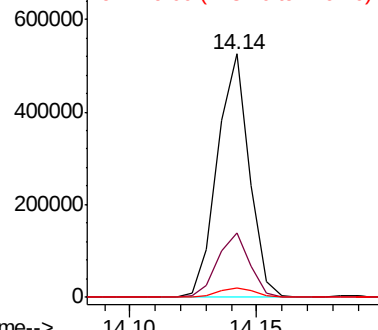
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.360 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108590.D
 Acq: 29 Aug 2018 7:26

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BS

Tgt Ion:149 Resp: 460400
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.3 31.9
 279 4.1 3.0 4.4

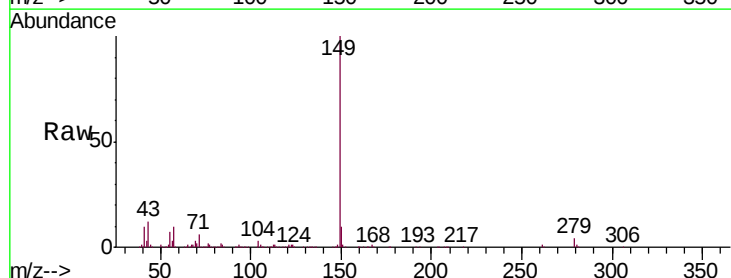


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

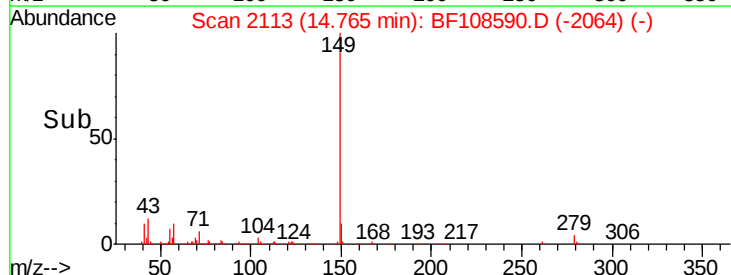
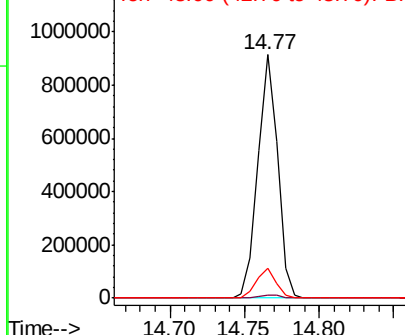


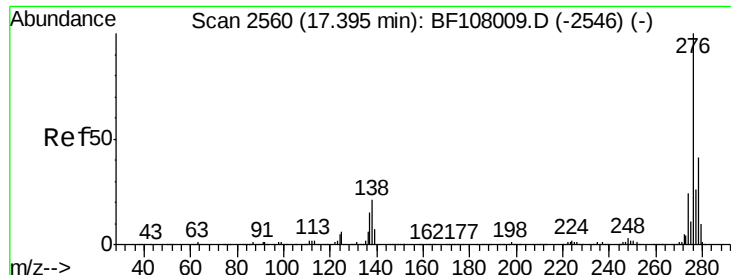
#84
 Di-n-octyl phthalate
 Concen: 62.143 ng
 RT: 14.77 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BF108590.D
 Acq: 29 Aug 2018 7:26

Tgt Ion:149 Resp: 833344
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.9 8.4 12.6



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

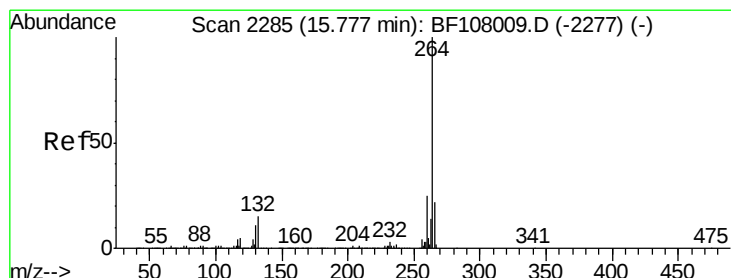
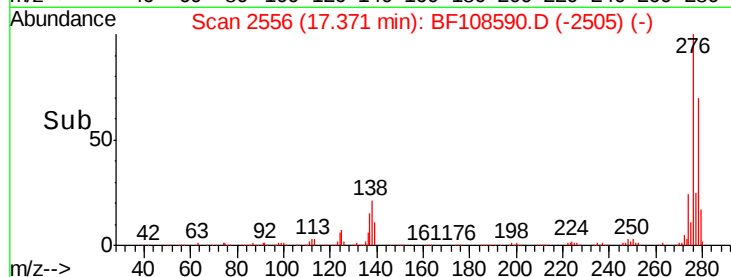
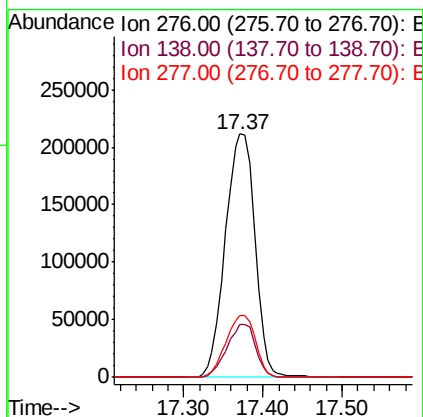
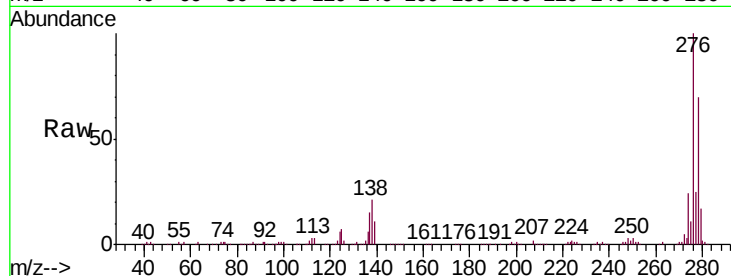




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.579 ng
 RT: 17.37 min Scan# 2556
 Delta R.T. -0.00 min
 Lab File: BF108590.D
 Acq: 29 Aug 2018 7:26

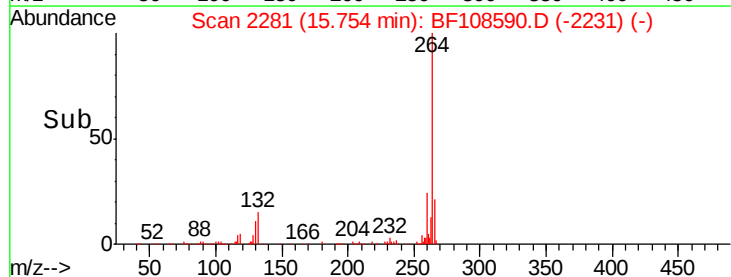
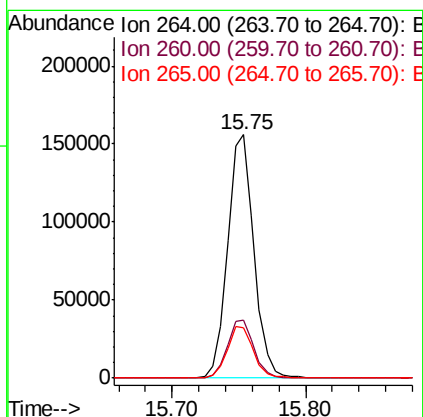
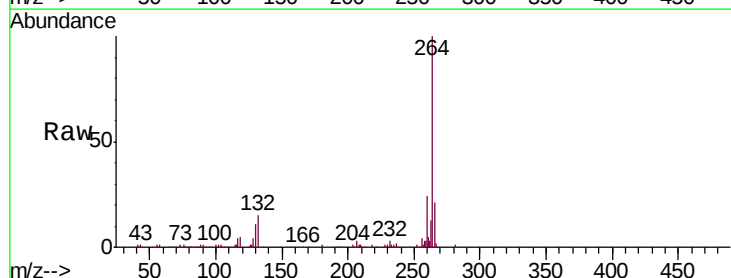
Instrument :
 BNA_F
 ClientSampleId :
 PB112433BS

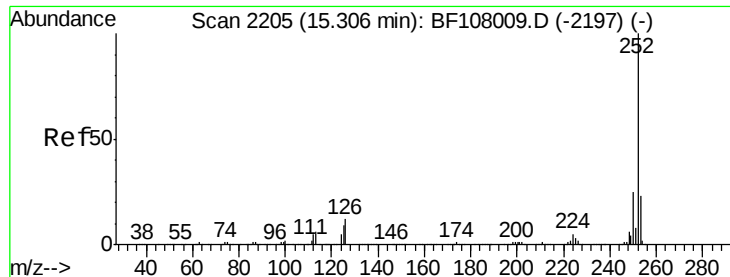
Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.3	25.0	37.6#
277	25.4	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2281
 Delta R.T. -0.01 min
 Lab File: BF108590.D
 Acq: 29 Aug 2018 7:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.6	17.5	26.3

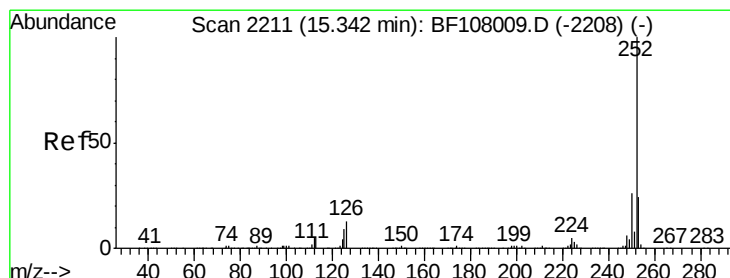
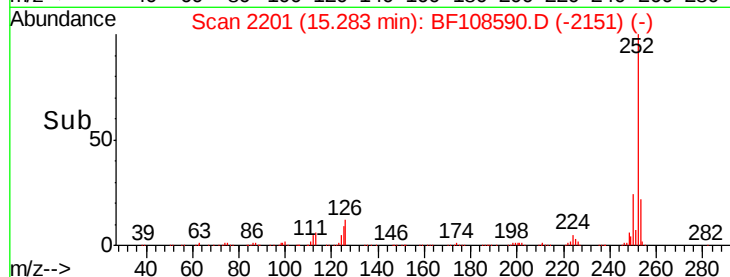
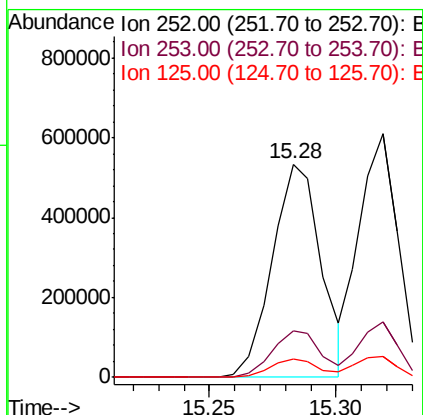
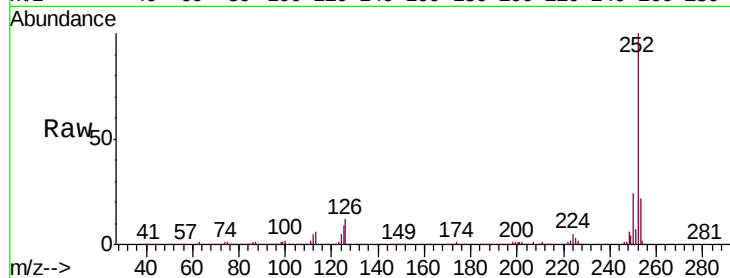




#87
Benzo(b)fluoranthene
Concen: 56.211 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF108590.D
Acq: 29 Aug 2018 7:26

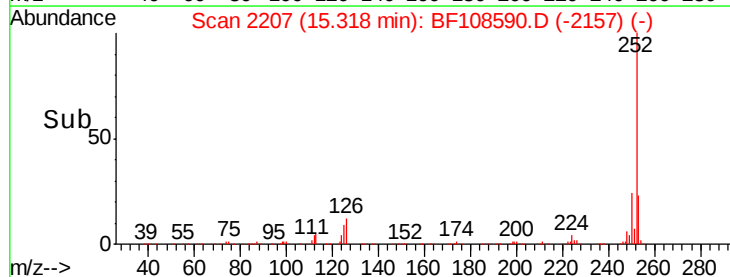
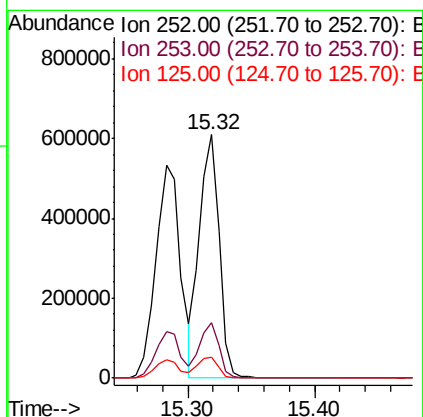
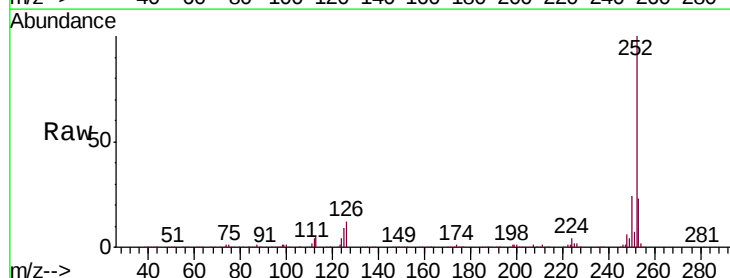
Instrument :
BNA_F
ClientSampleId :
PB112433BS

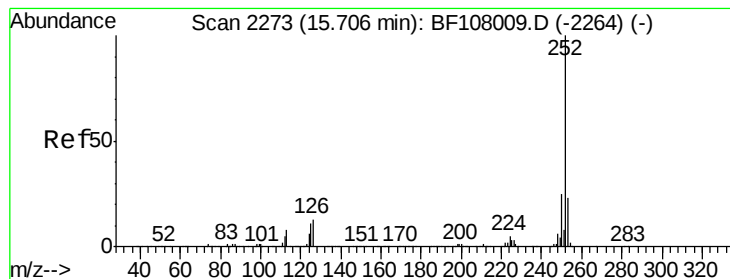
Tgt Ion:252 Resp: 720394
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 8.8 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 55.937 ng
RT: 15.32 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF108590.D
Acq: 29 Aug 2018 7:26

Tgt Ion:252 Resp: 658989
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 8.8 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 54.367 ng

RT: 15.69 min Scan# 2270

Delta R.T. -0.00 min

Lab File: BF108590.D

Acq: 29 Aug 2018 7:26

Instrument :

BNA_F

ClientSampleId :

PB112433BS

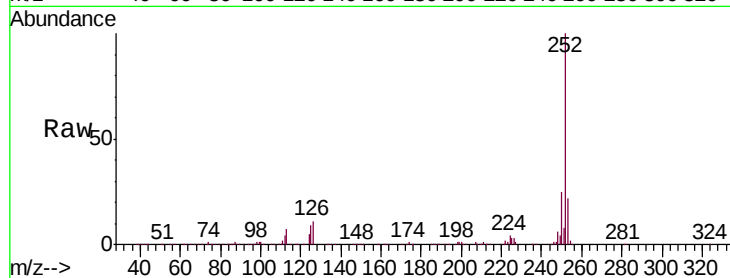
Tgt Ion:252 Resp: 623930

Ion Ratio Lower Upper

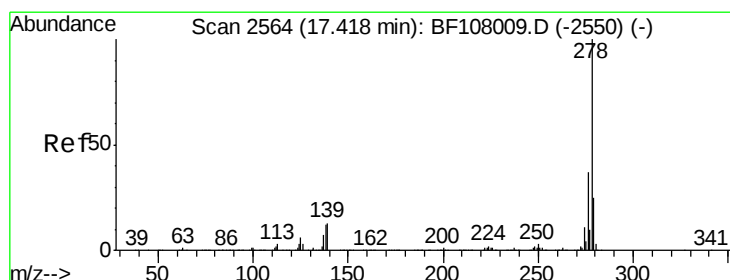
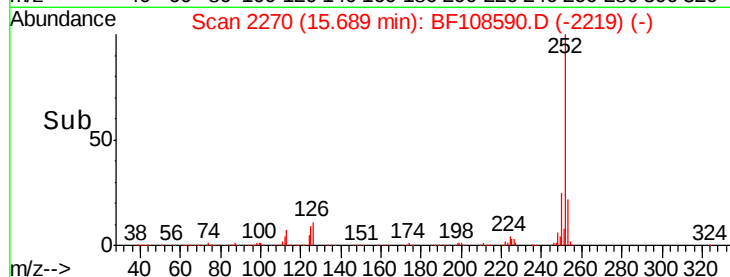
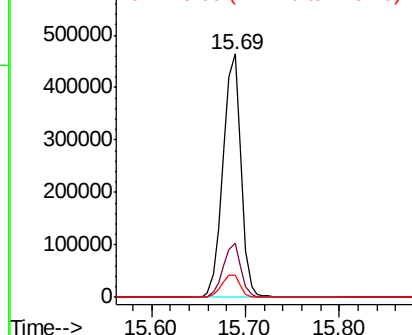
252 100

253 22.0 17.1 25.7

125 9.1 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: 49.622 ng

RT: 17.38 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BF108590.D

Acq: 29 Aug 2018 7:26

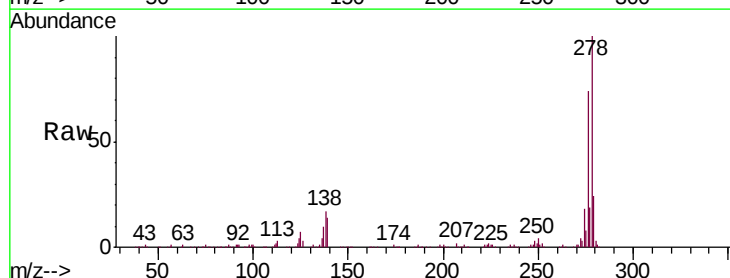
Tgt Ion:278 Resp: 471185

Ion Ratio Lower Upper

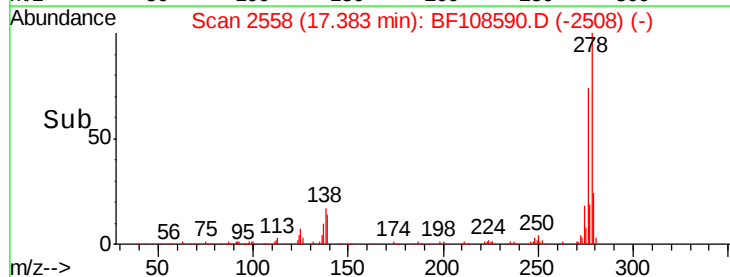
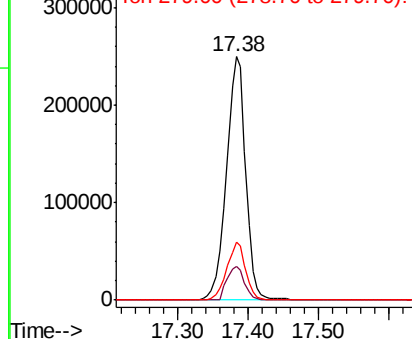
278 100

139 13.6 15.9 23.9#

279 24.0 19.0 28.4



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





#91

Benzo(g,h,i)perylene

Concen: 46.802 ng

RT: 17.87 min Scan# 2640

Delta R.T. -0.00 min

Lab File: BF108590.D

Acq: 29 Aug 2018 7:26

Instrument :

BNA_F

ClientSampleId :

PB112433BS

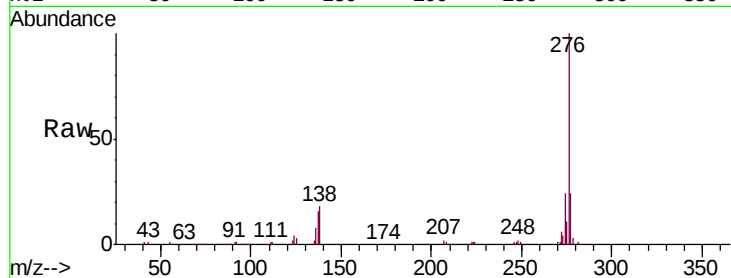
Tgt Ion:276 Resp: 437600

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 18.1 21.8 32.8#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

