

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080315\
 Data File : BF080818.D
 Acq On : 4 Aug 2015 00:06
 Operator : TP
 Sample : G3083-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8535

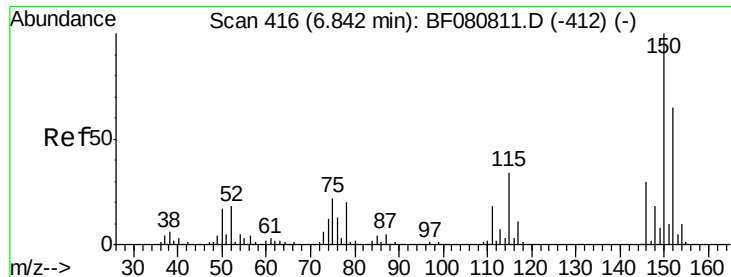
Quant Time: Aug 04 03:50:54 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 04 01:58:34 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	166376	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	582586	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	283043	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	474309	20.00	ng	0.00
75) Chrysene-d12	13.97	240	323991	20.00	ng	-0.01
86) Perylene-d12	15.39	264	256931	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	937765	93.97	ng	0.00
7) Phenol-d6	6.46	99	853479	63.58	ng	0.00
23) Nitrobenzene-d5	7.40	82	1286513	108.97	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	475340	175.26	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1970646	105.24	ng	0.00
78) Terphenyl-d14	12.93	244	1431329	88.04	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) 2-Chlorophenol	6.61	128	526350	47.61	ng	# 68
9) Benzaldehyde	6.48	77	9130	Below	Cal	# 2
10) Phenol	6.48	94	842395	53.73	ng	94
15) Benzyl Alcohol	6.99	79	20662	2.27	ng	# 52
17) 2-Methylphenol	7.08	107	334954	34.36	ng	98
19) n-Nitroso-di-n-propylamine	7.40	70	170925	19.68	ng	# 69
20) 3+4-Methylphenols	7.24	107	639278	56.46	ng	# 57
24) Nitrobenzene	7.24	77	203313	16.88	ng	# 39
25) Isophorone	7.40	82	1160446	54.96	ng	# 66
26) 2-Nitrophenol	7.74	139	878102	170.48	ng	# 70
27) 2,4-Dimethylphenol	7.77	122	488949	49.82	ng	95
28) bis(2-Chloroethoxy)methane	7.73	93	124240	9.74	ng	# 63
29) 2,4-Dichlorophenol	7.97	162	275169	33.51	ng	90
32) Benzoic acid	7.77	122	488949	82.25	ng	# 15
35) Caprolactam	8.67	113	44906	19.74	ng	# 6
36) 4-Chloro-3-methylphenol	8.67	107	1558565	178.21	ng	89
37) 2-Methylnaphthalene	8.67	142	1126061	62.78	ng	# 24
42) 2,4,6-Trichlorophenol	9.10	196	793410	124.31	ng	98
43) 2,4,5-Trichlorophenol	9.10	196	793410	127.01	ng	# 92
46) 2-Chloronaphthalene	9.10	162	87030	4.89	ng	# 58
50) 2,6-Dinitrotoluene	9.87	165	36045	8.85	ng	# 12
51) Acenaphthene	9.93	154	200375	11.99	ng	# 4
53) 2,4-Dinitrophenol	9.93	184	316416	151.86	ng	98
55) 4-Nitrophenol	9.97	139	239556	70.91	ng	94
56) 2,4-Dinitrotoluene	9.87	165	36045	7.00	ng	# 12
68) Atrazine	11.15	200	58932	15.57	ng	# 37
69) Pentachlorophenol	11.15	266	301847	95.85	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF080818.D

Acq: 4 Aug 2015 00:06

Instrument :

BNA_F

ClientSampleId :

8535

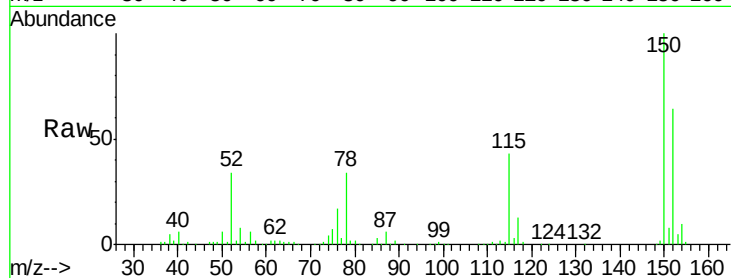
Tot Ion:152 Resp: 166376

Ion Ratio Lower Upper

152 100

150 157.3 122.9 184.3

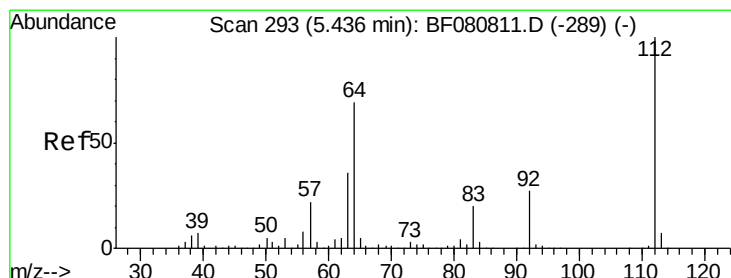
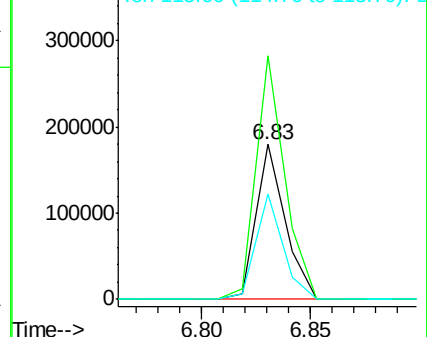
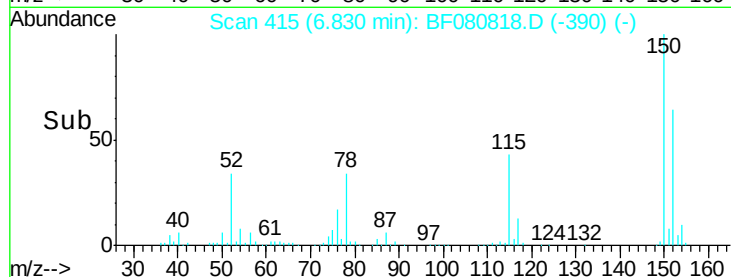
115 68.1 42.0 63.0#



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



#5

2-Fluorophenol

Concen: 93.97 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.00 min

Lab File: BF080818.D

Acq: 4 Aug 2015 00:06

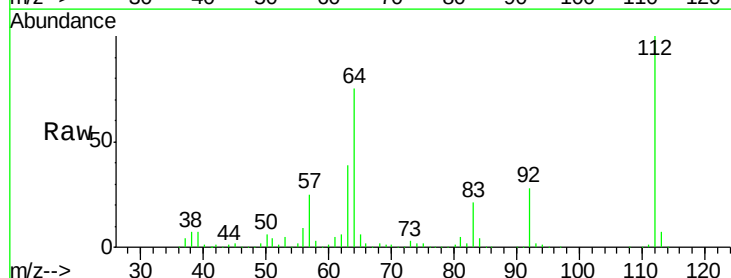
Tgt Ion:112 Resp: 937765

Ion Ratio Lower Upper

112 100

64 74.8 55.0 82.4

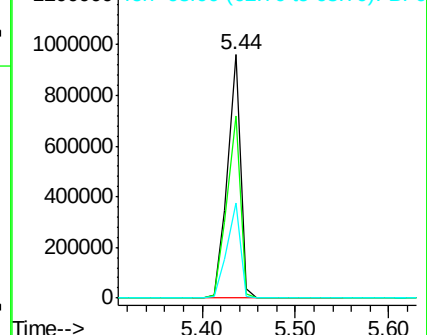
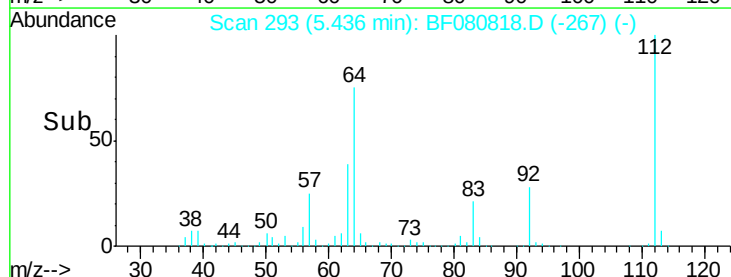
63 39.3 28.6 42.8

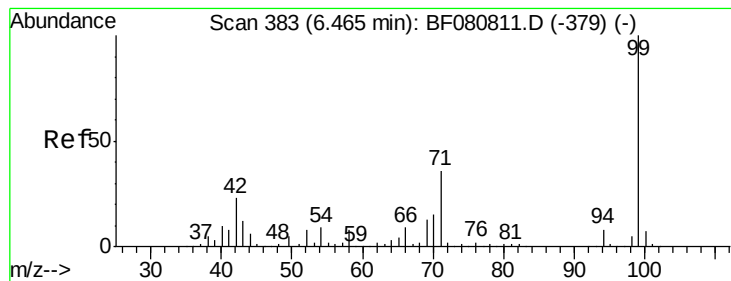


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 63.58 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF080818.D

Acq: 4 Aug 2015 00:06

Instrument :

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ClientSampleId :

8535

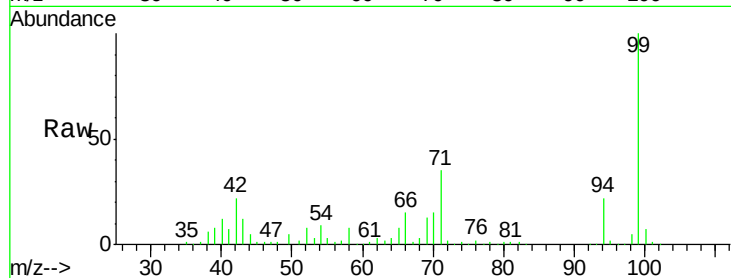
Tot Ion: 99 Resp: 853479

Ion Ratio Lower Upper

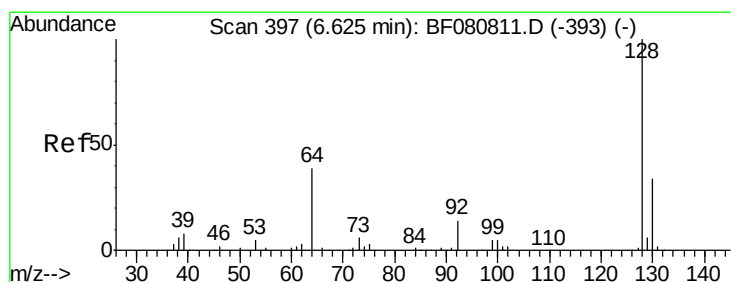
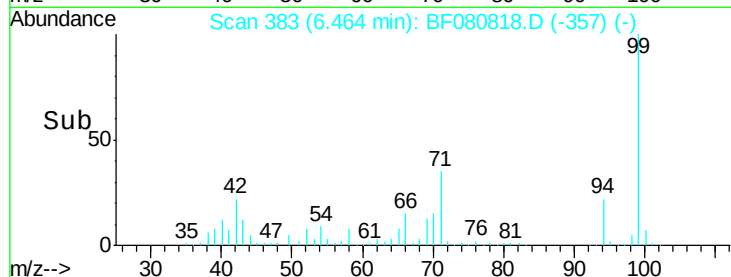
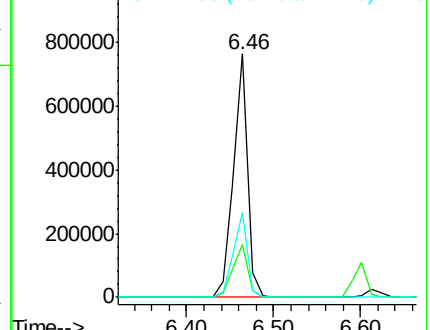
99 100

42 21.8 18.4 27.6

71 34.8 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 47.61 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF080818.D

Acq: 4 Aug 2015 00:06

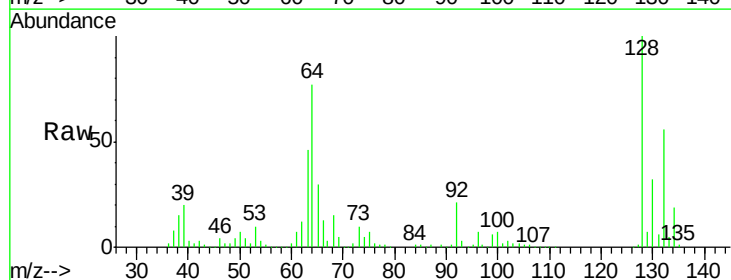
Tgt Ion: 128 Resp: 526350

Ion Ratio Lower Upper

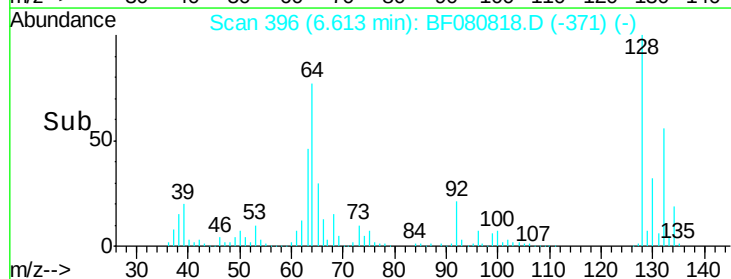
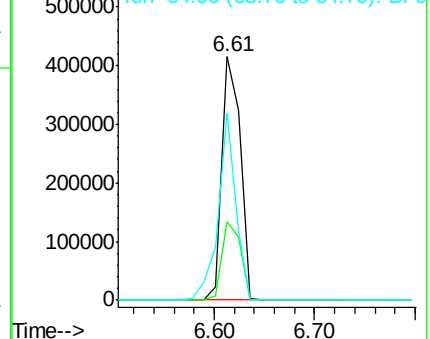
128 100

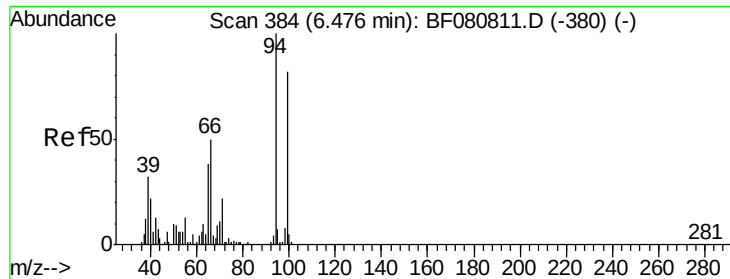
130 32.3 14.1 54.1

64 77.0 22.3 62.3#



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): BF0





#10

Phenol

Concen: 53.73 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF080818.D

Acq: 4 Aug 2015 00:06

Instrument :

BNA_F

ClientSampleId :

8535

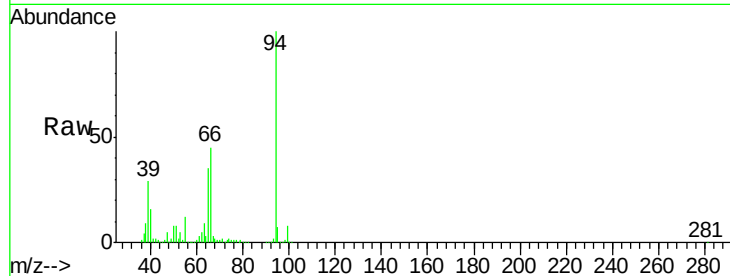
Tot Ion: 94 Resp: 842395

Ion Ratio Lower Upper

94 100

65 34.7 17.5 57.5

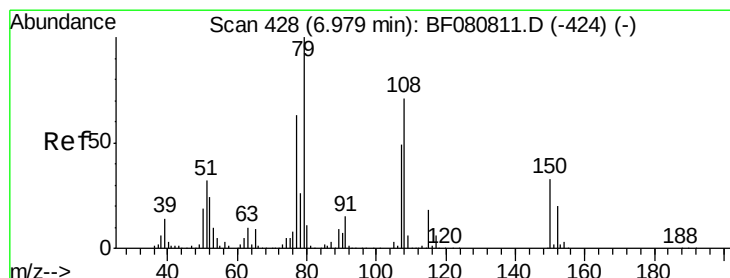
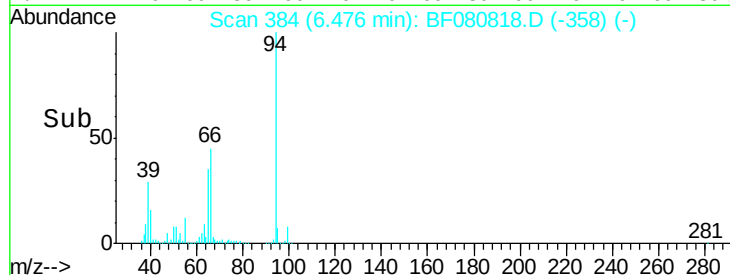
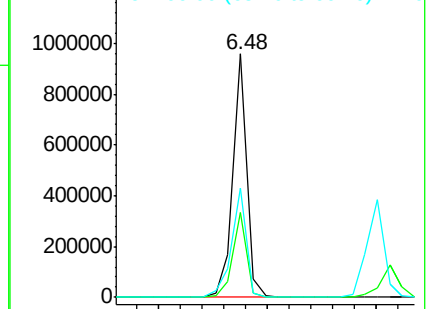
66 44.8 29.6 69.6



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#15

Benzyl Alcohol

Concen: 2.27 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.01 min

Lab File: BF080818.D

Acq: 4 Aug 2015 00:06

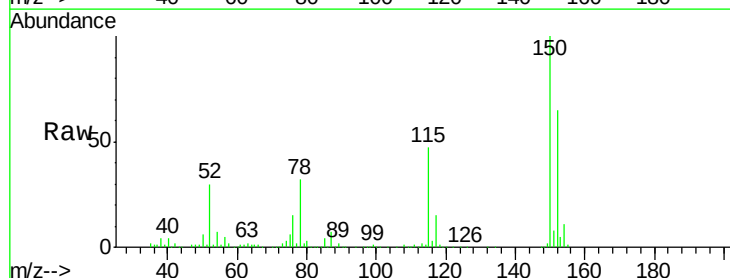
Tgt Ion: 79 Resp: 20662

Ion Ratio Lower Upper

79 100

108 28.5 56.9 85.3#

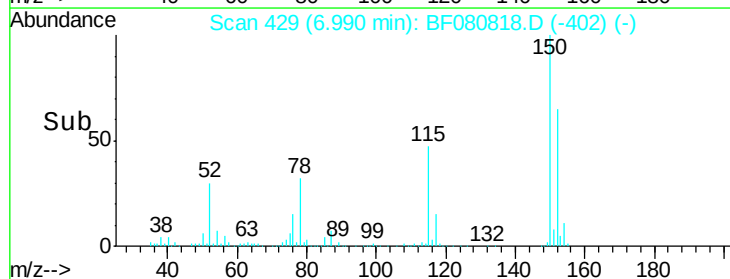
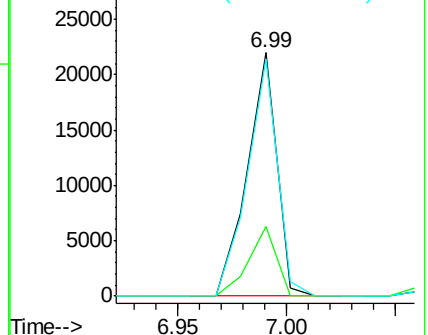
77 97.5 50.4 75.6#

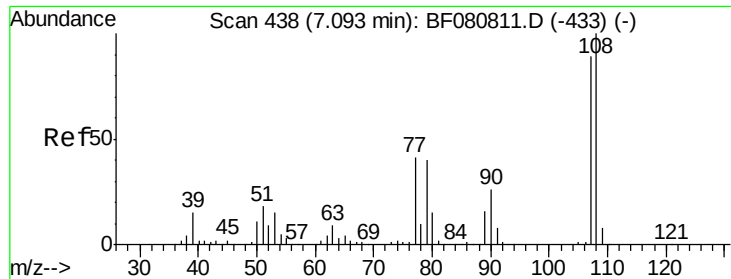


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

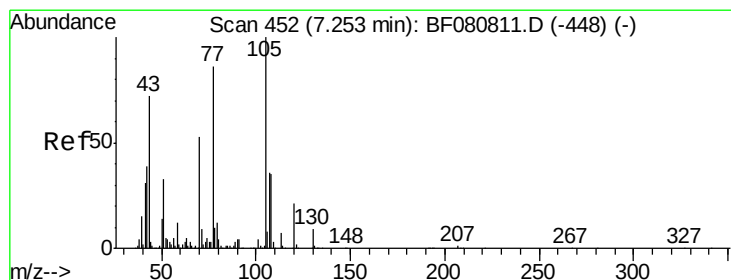
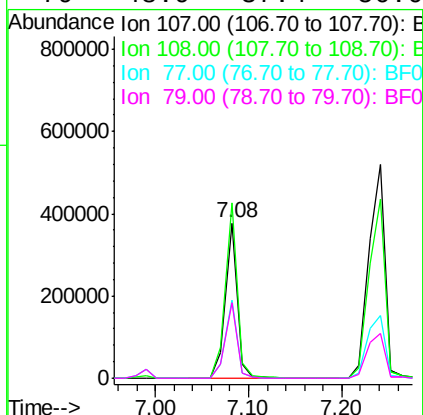
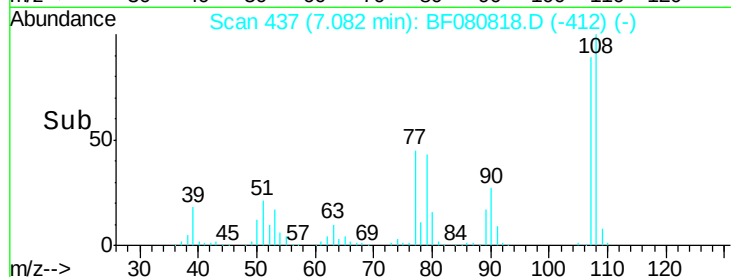
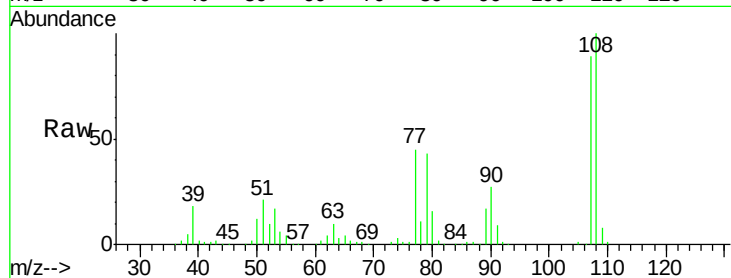




#17
2-Methylphenol
Concen: 34.36 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.01 min
Lab File: BF080818.D
Acq: 4 Aug 2015 00:06

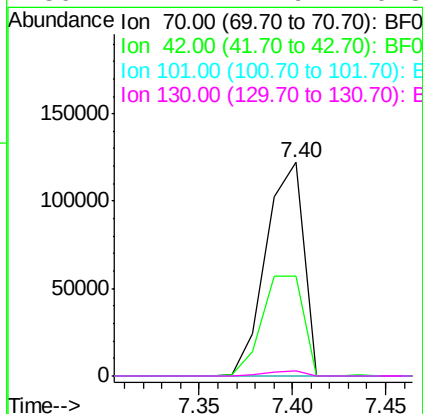
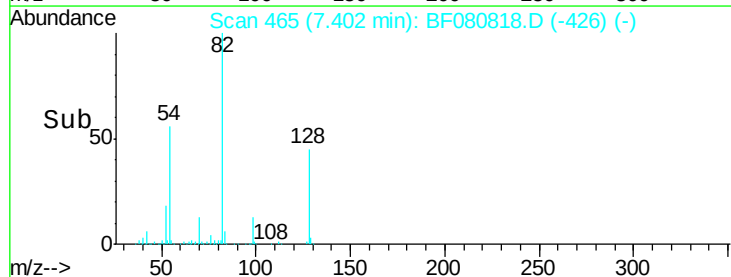
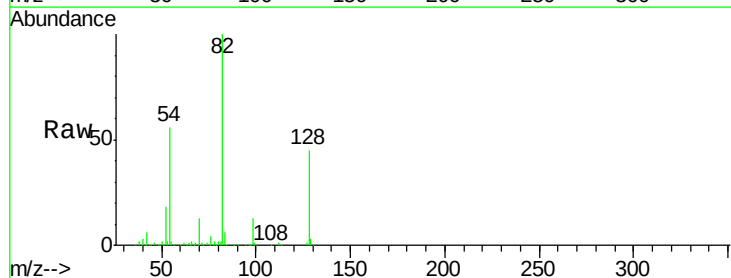
Instrument :
BNA_F
ClientSampleId :
8535

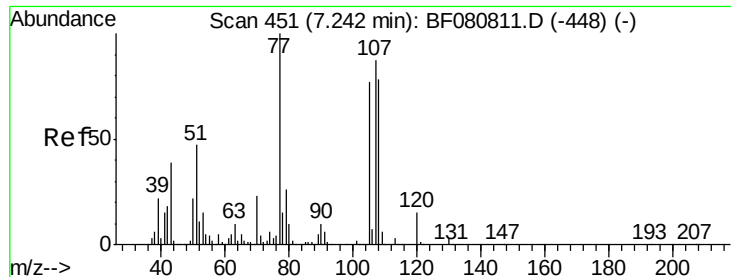
Tot Ion:	107	Resp:	334954
Ion	Ratio	Lower	Upper
107	100		
108	112.8	90.6	135.8
77	50.2	37.8	56.8
79	48.9	37.4	56.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.68 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.15 min
Lab File: BF080818.D
Acq: 4 Aug 2015 00:06

Tgt Ion:	70	Resp:	170925
Ion	Ratio	Lower	Upper
70	100		
42	47.1	59.1	88.7#
101	0.0	6.6	10.0#
130	2.2	12.9	19.3#





#20

3+4-Methylphenols

Concen: 56.46 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF080818.D

Acq: 4 Aug 2015 00:06

Instrument :

BNA_F

ClientSampleId :

8535

Tot Ion:107 Resp: 639278

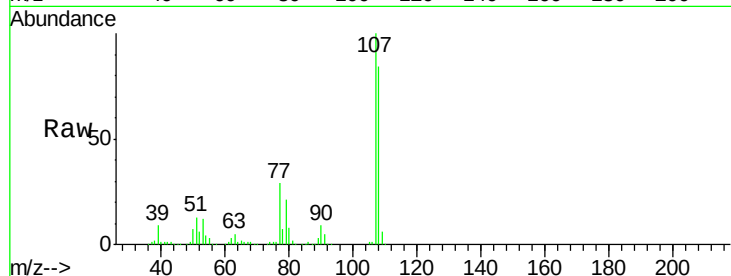
Ion Ratio Lower Upper

107 100

108 84.0 69.6 109.6

77 29.2 94.9 134.9#

79 21.0 10.3 50.3

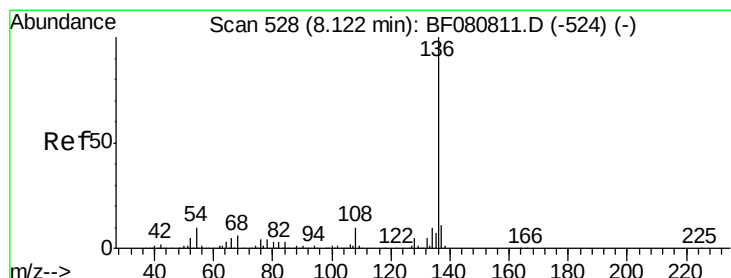
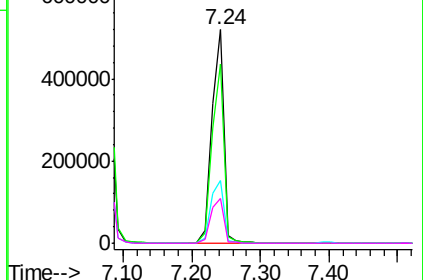
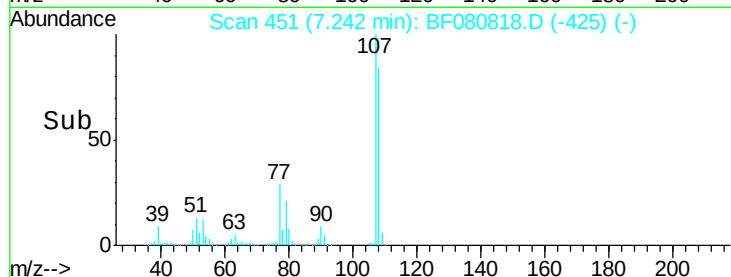


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.01 min

Lab File: BF080818.D

Acq: 4 Aug 2015 00:06

Tgt Ion:136 Resp: 582586

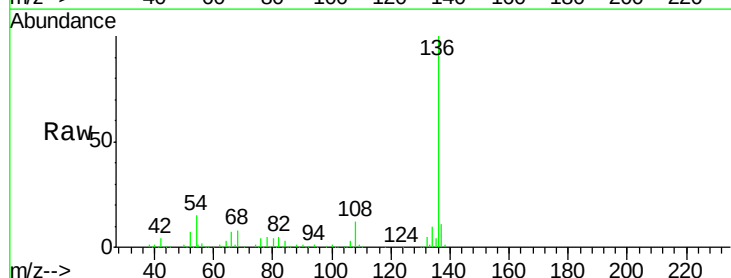
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 15.3 7.9 11.9#

68 7.9 4.4 6.6#

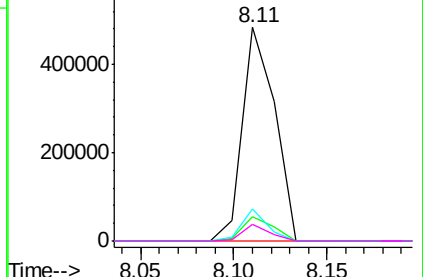
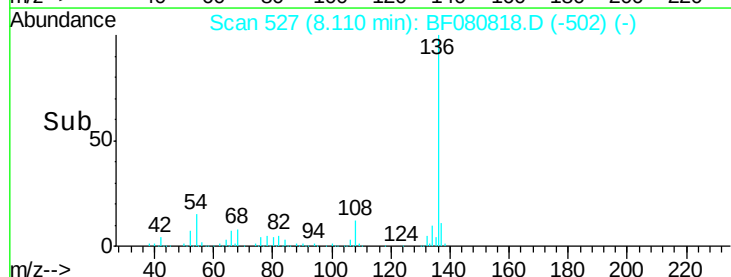


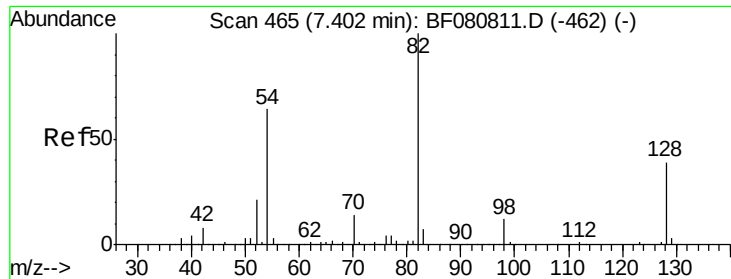
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

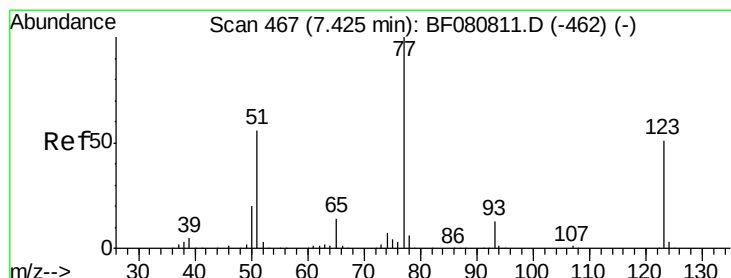
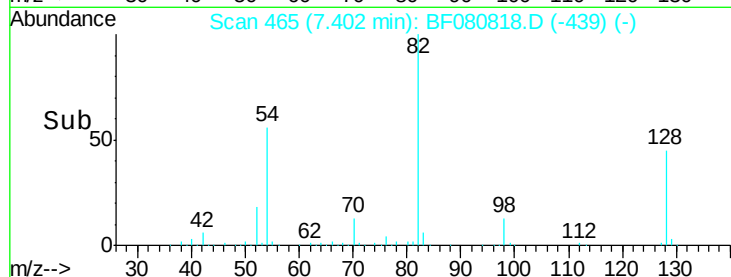
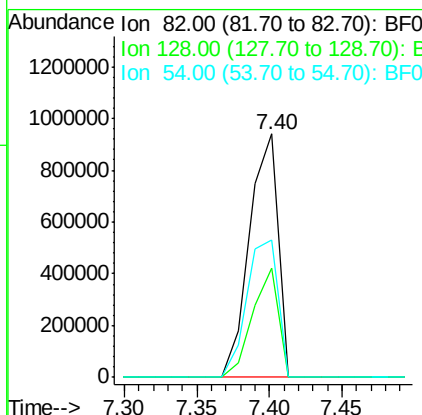
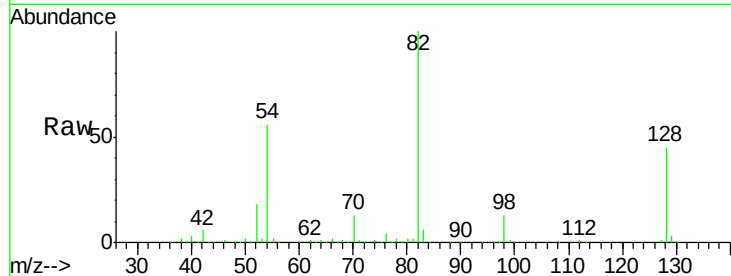




#23
 Nitrobenzene-d5
 Concen: 108.97 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF080818.D
 Acq: 4 Aug 2015 00:06

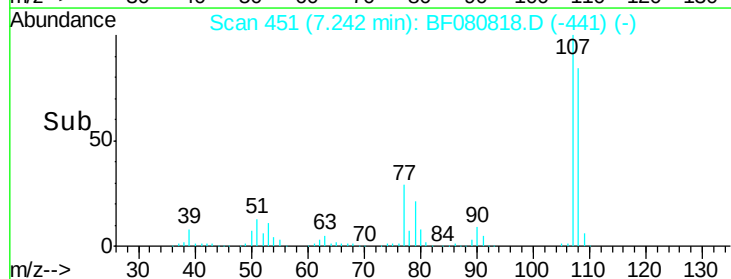
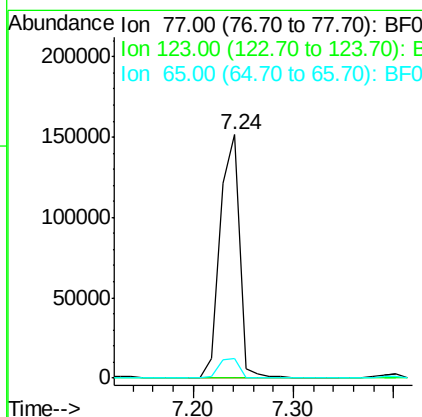
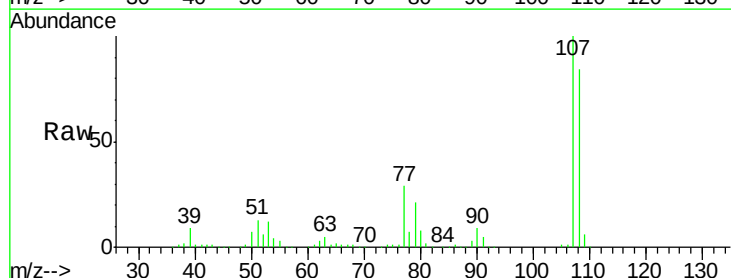
Instrument :
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 8535

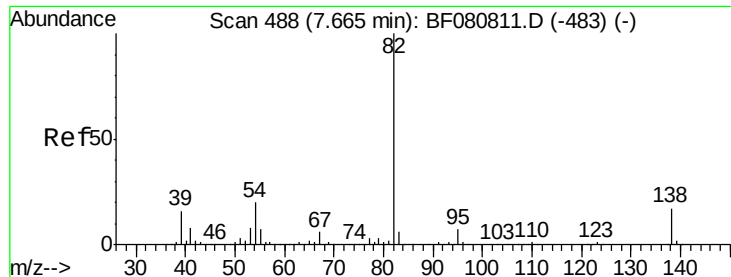
Tot Ion: 82 Resp: 1286513
 Ion Ratio Lower Upper
 82 100
 128 44.8 31.4 47.0
 54 56.4 51.0 76.4



#24
 Nitrobenzene
 Concen: 16.88 ng
 RT: 7.24 min Scan# 451
 Delta R.T. -0.18 min
 Lab File: BF080818.D
 Acq: 4 Aug 2015 00:06

Tgt Ion: 77 Resp: 203313
 Ion Ratio Lower Upper
 77 100
 123 0.0 40.7 61.1#
 65 8.1 11.3 16.9#





#25

Isophorone

Concen: 54.96 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.26 min

Lab File: BF080818.D

Acq: 4 Aug 2015 00:06

Instrument :

BNA_F

ClientSampleID :

8535

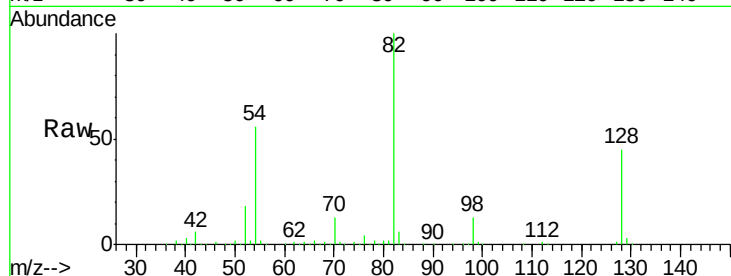
Tot Ion: 82 Resp: 1160446

Ion Ratio Lower Upper

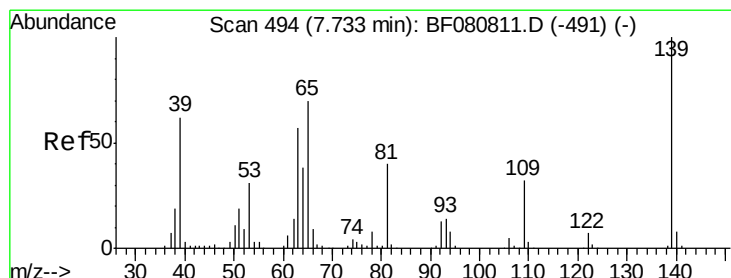
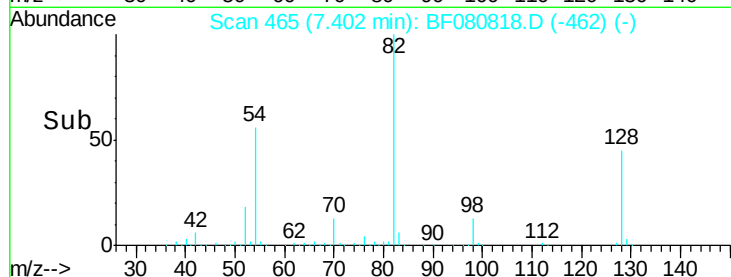
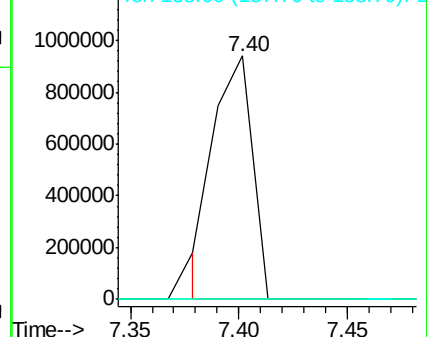
82 100

95 0.0 5.9 8.9#

138 0.0 13.4 20.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 170.48 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.01 min

Lab File: BF080818.D

Acq: 4 Aug 2015 00:06

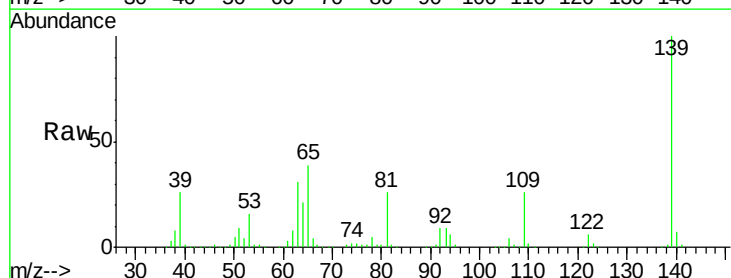
Tgt Ion: 139 Resp: 878102

Ion Ratio Lower Upper

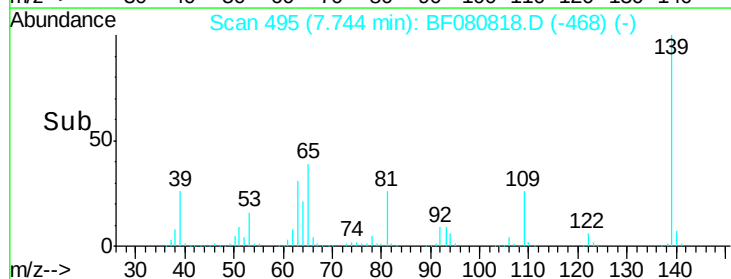
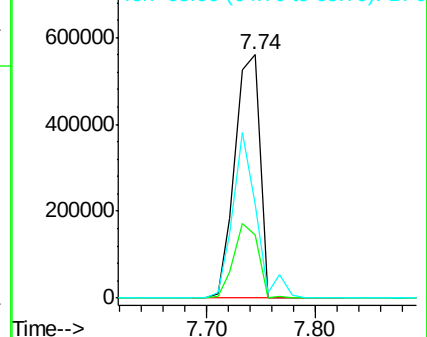
139 100

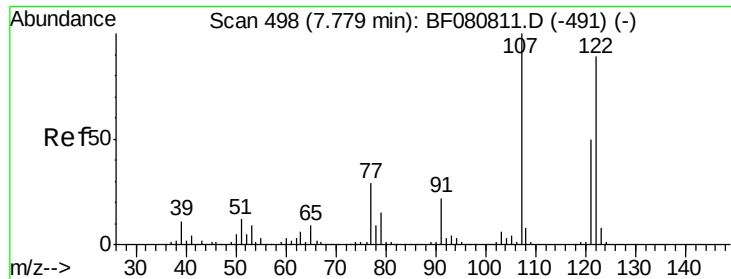
109 26.0 25.3 37.9

65 38.8 56.2 84.4#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 49.82 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF080818.D

Acq: 4 Aug 2015 00:06

Instrument :

BNA_F

ClientSampleId :

8535

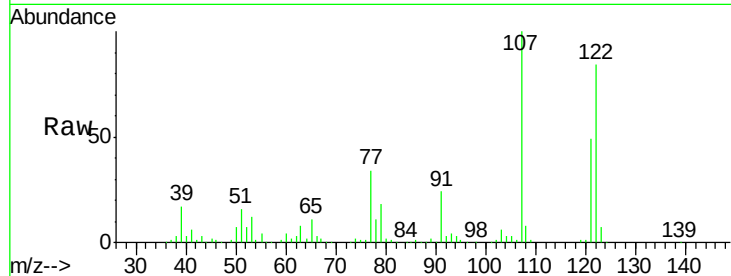
Tot Ion:122 Resp: 488949

Ion Ratio Lower Upper

122 100

107 119.4 90.2 135.4

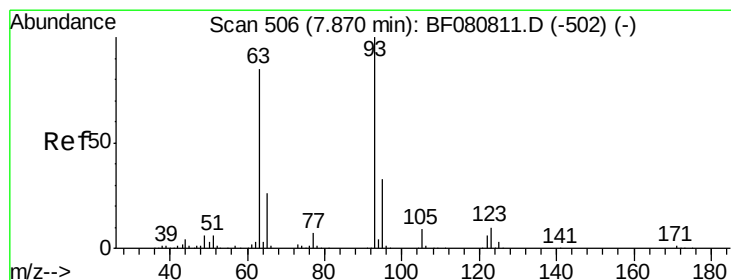
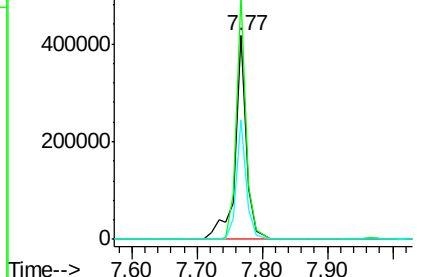
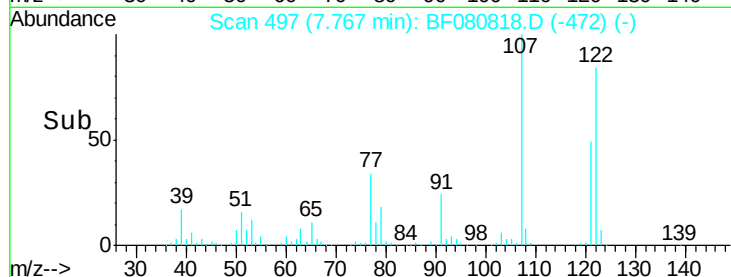
121 58.4 45.4 68.2



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: 9.74 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.14 min

Lab File: BF080818.D

Acq: 4 Aug 2015 00:06

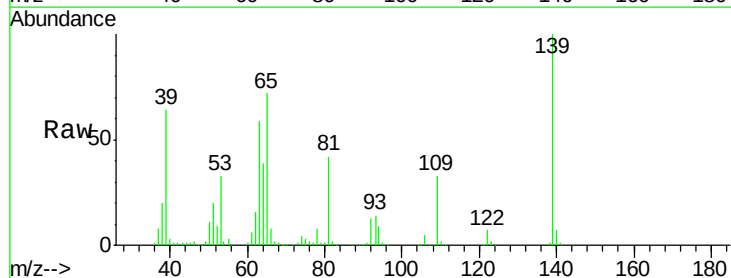
Tgt Ion: 93 Resp: 124240

Ion Ratio Lower Upper

93 100

95 7.2 26.1 39.1#

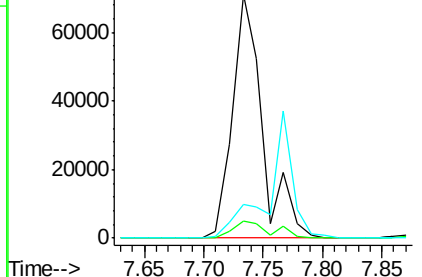
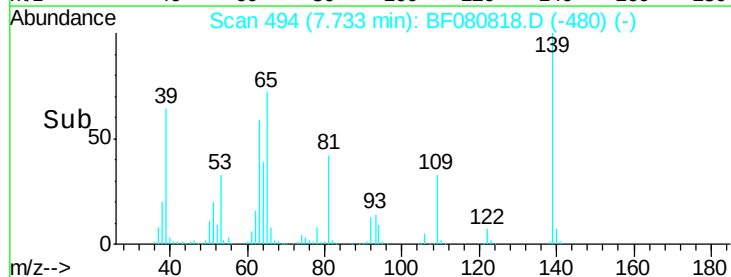
123 14.0 8.0 12.0#

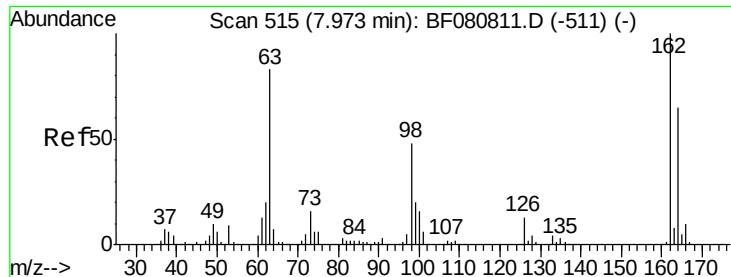


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

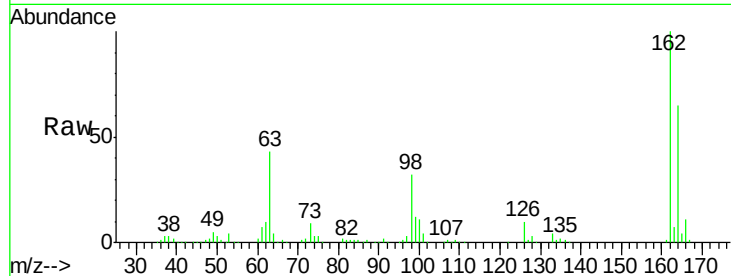




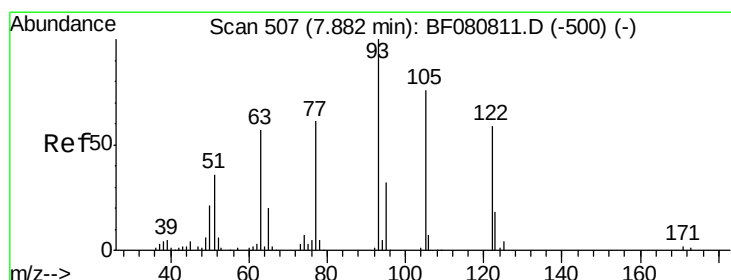
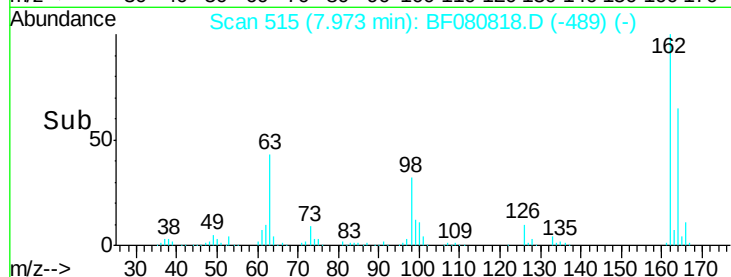
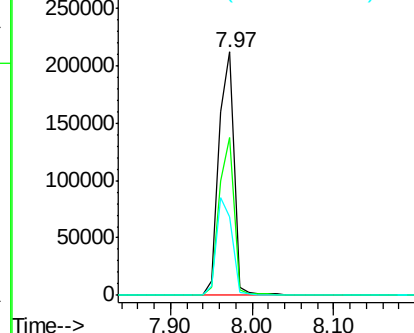
#29
2,4-Dichlorophenol
Concen: 33.51 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF080818.D
Acq: 4 Aug 2015 00:06

Instrument :
BNA_F
ClientSampleId :
8535

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	45.3	85.3
98	32.3	27.7	67.7

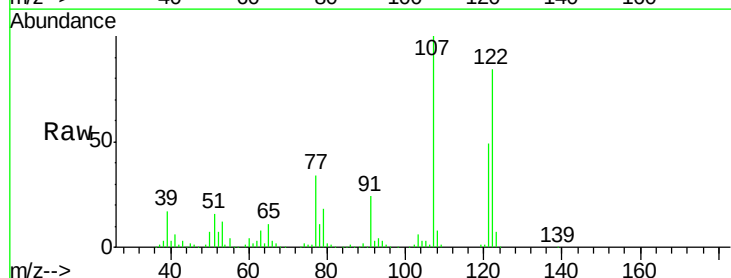


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

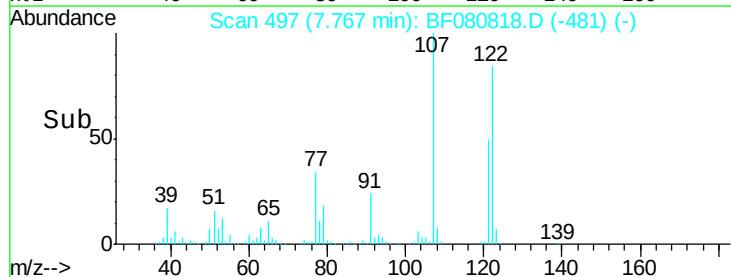
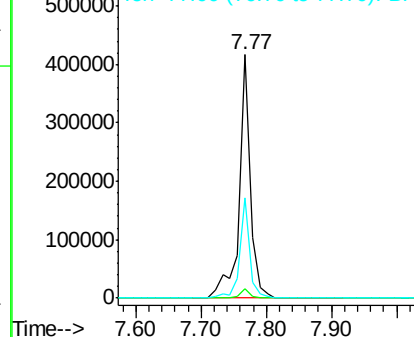


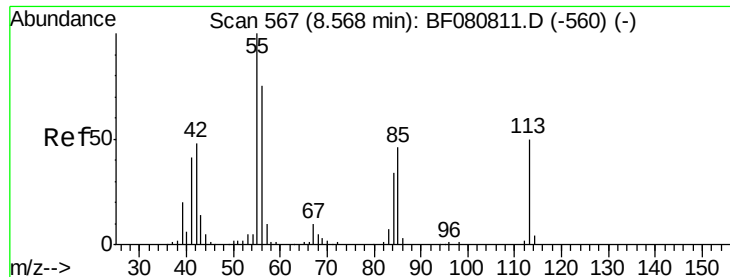
#32
Benzoic acid
Concen: 82.25 ng
RT: 7.77 min Scan# 497
Delta R.T. -0.11 min
Lab File: BF080818.D
Acq: 4 Aug 2015 00:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	3.8	102.3	142.3#
77	41.2	81.2	121.2#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#35

Caprolactam

Concen: 19.74 ng

RT: 8.67 min Scan# 576

Delta R.T. 0.10 min

Lab File: BF080818.D

Acq: 4 Aug 2015 00:06

Instrument :

BNA_F

ClientSampleId :

8535

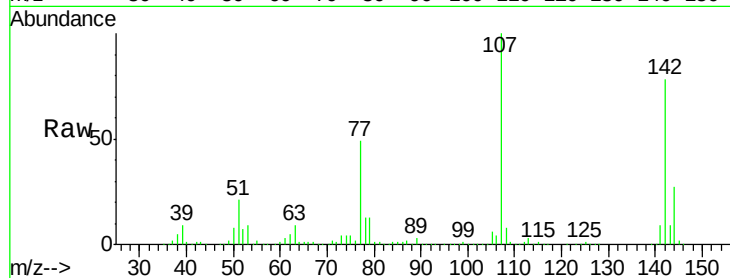
Tot Ion:113 Resp: 44906

Ion Ratio Lower Upper

113 100

55 76.5 179.0 219.0#

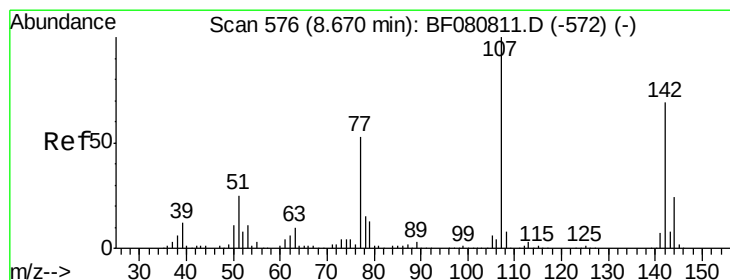
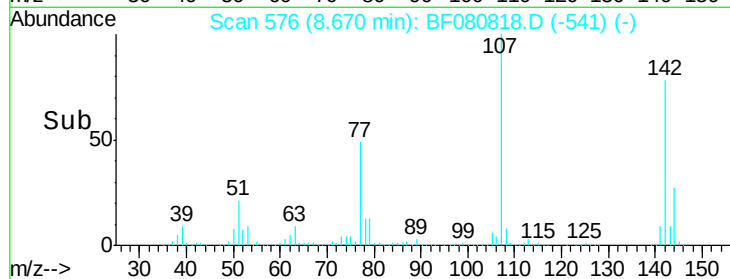
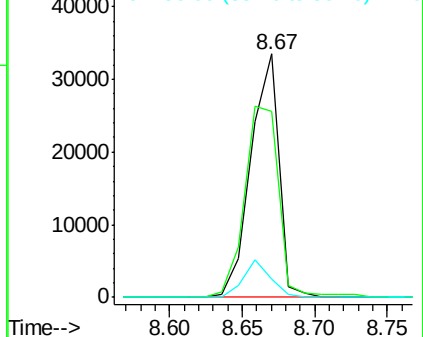
56 7.5 128.2 168.2#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 178.21 ng

RT: 8.67 min Scan# 576

Delta R.T. -0.00 min

Lab File: BF080818.D

Acq: 4 Aug 2015 00:06

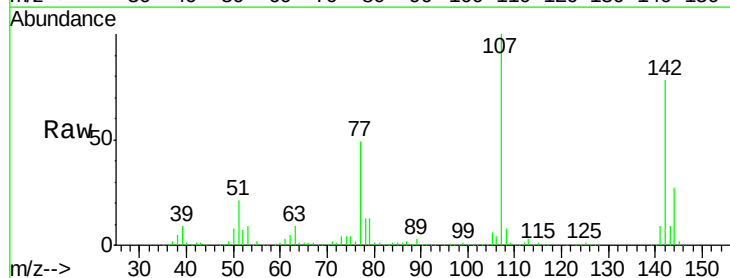
Tgt Ion:107 Resp: 1558565

Ion Ratio Lower Upper

107 100

144 27.5 19.0 28.4

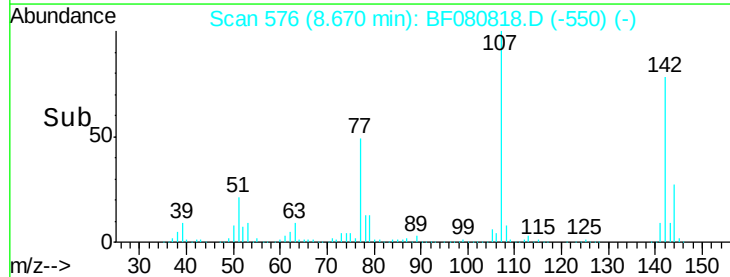
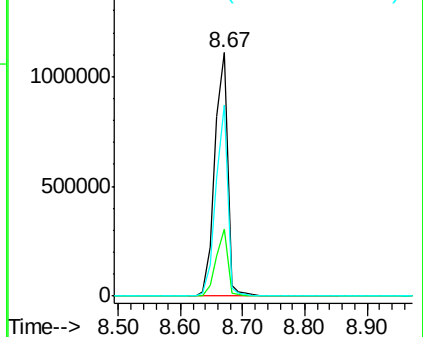
142 78.3 54.9 82.3

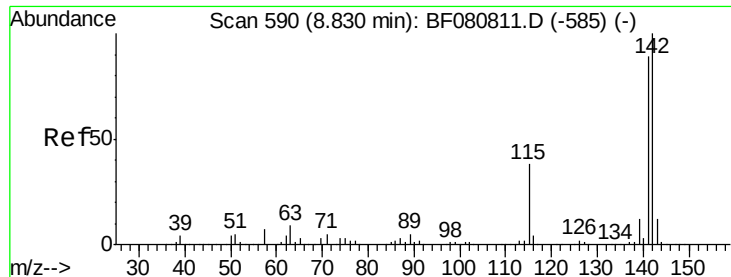


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

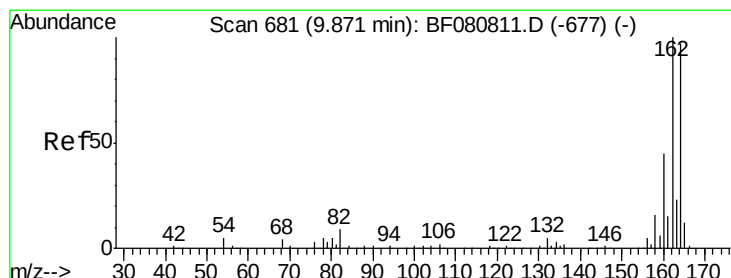
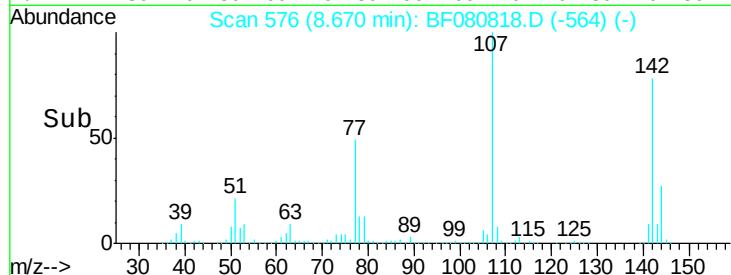
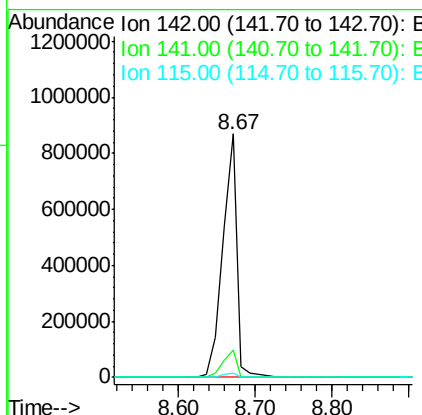
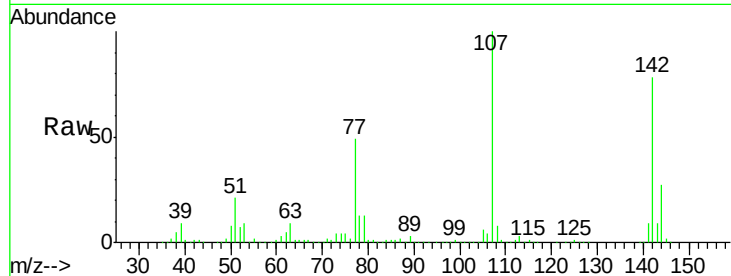




#37
 2-Methylnaphthalene
 Concen: 62.78 ng
 RT: 8.67 min Scan# 576
 Delta R.T. -0.16 min
 Lab File: BF080818.D
 Acq: 4 Aug 2015 00:06

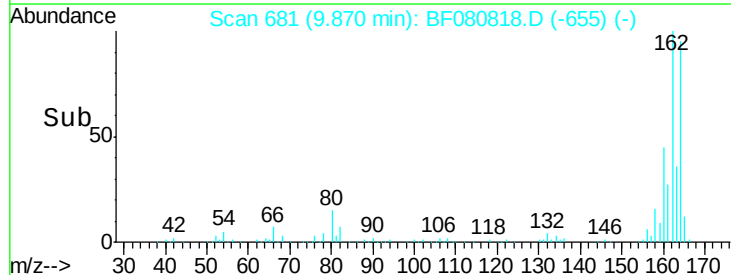
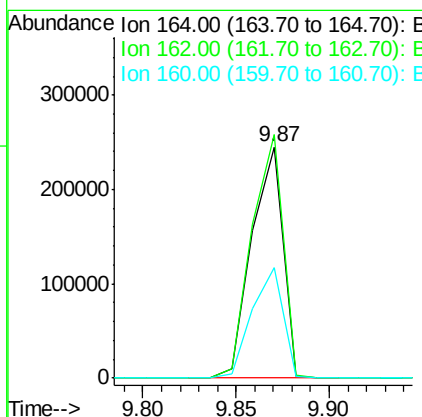
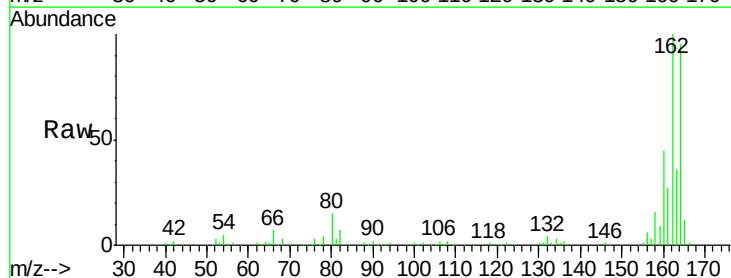
Instrument :
 BNA_F
 ClientSampleId :
 8535

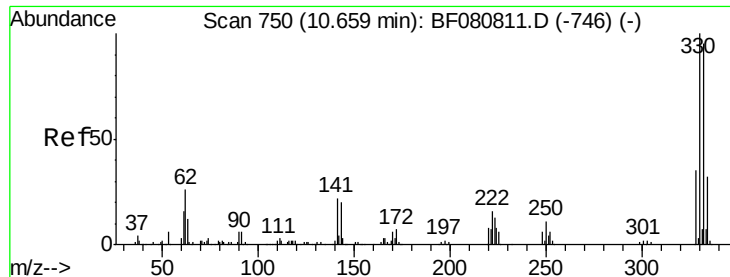
Tot Ion:142 Resp: 1126061
 Ion Ratio Lower Upper
 142 100
 141 11.2 71.3 106.9#
 115 1.7 30.6 45.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF080818.D
 Acq: 4 Aug 2015 00:06

Tgt Ion:164 Resp: 283043
 Ion Ratio Lower Upper
 164 100
 162 105.4 82.3 123.5
 160 47.6 37.3 55.9

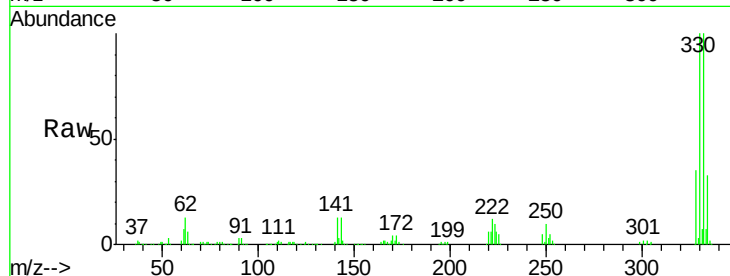




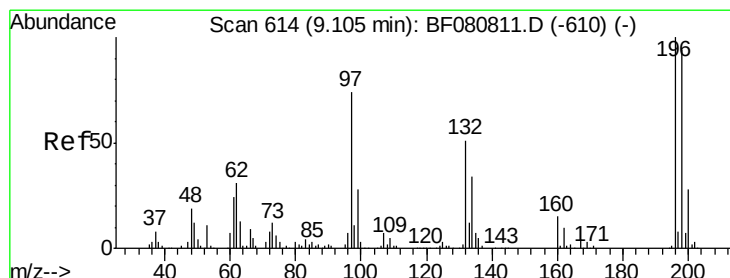
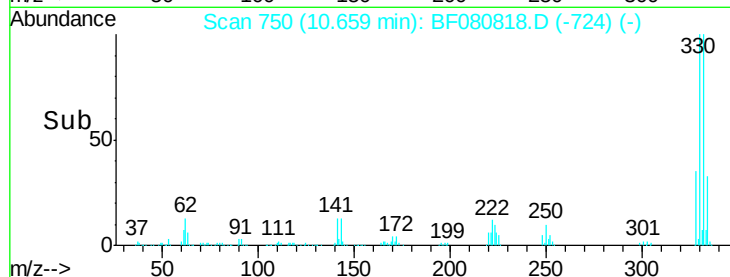
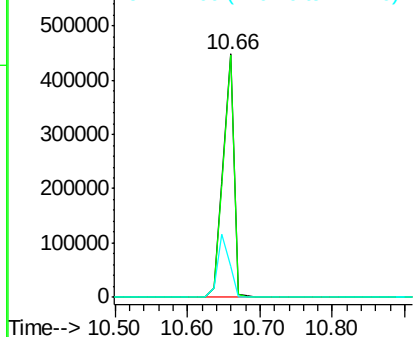
#41
 2,4,6-Tribromophenol
 Concen: 175.26 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF080818.D
 Acq: 4 Aug 2015 00:06

Instrument :
 BNA_F
 ClientSampleId :
 8535

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	76.2	114.4
141	28.1	25.4	38.0

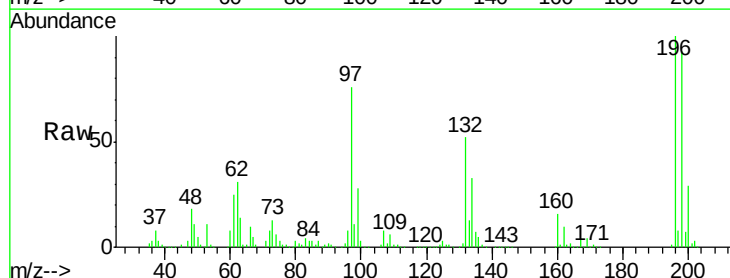


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

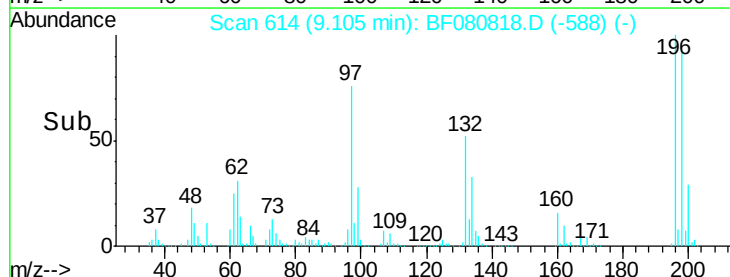
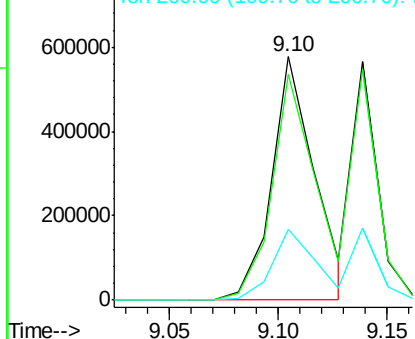


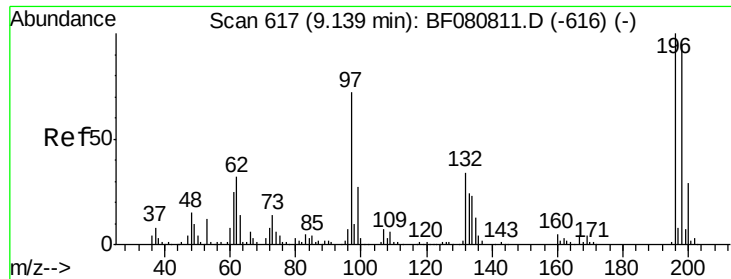
#42
 2,4,6-Trichlorophenol
 Concen: 124.31 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF080818.D
 Acq: 4 Aug 2015 00:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.5	75.3	112.9
200	29.3	22.7	34.1



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

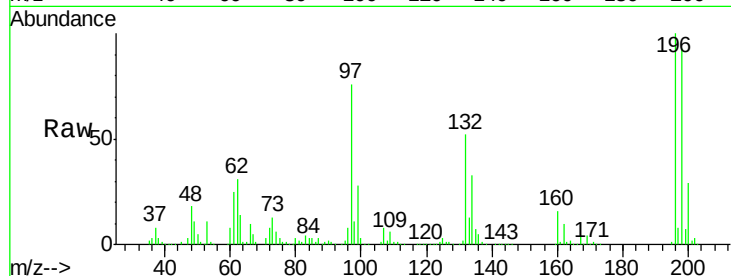




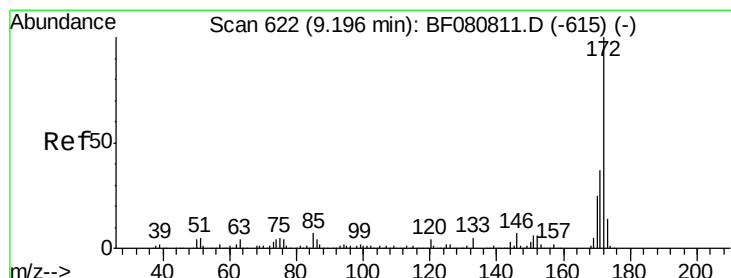
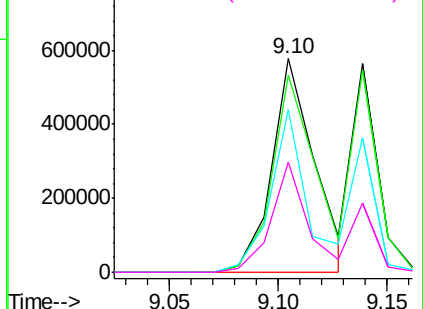
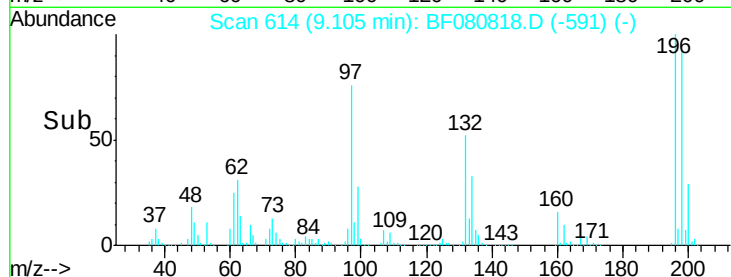
#43
 2,4,5-Trichlorophenol
 Concen: 127.01 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF080818.D
 Acq: 4 Aug 2015 00:06

Instrument :
 BNA_F
 ClientSampled :
 8535

Tot Ion:196 Resp: 793410
 Ion Ratio Lower Upper
 196 100
 198 92.5 76.3 114.5
 97 76.3 58.8 88.2
 132 51.6 27.9 41.9#

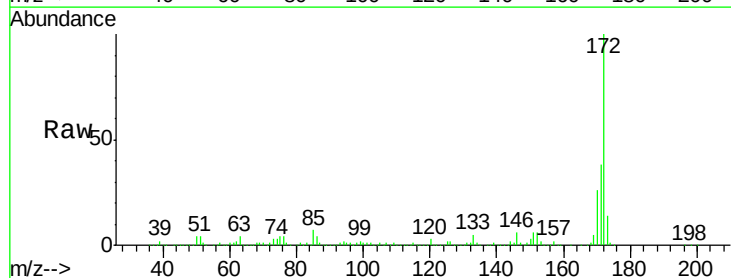


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

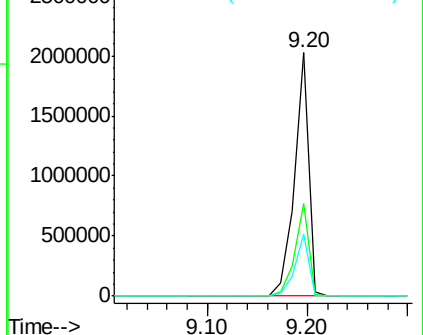
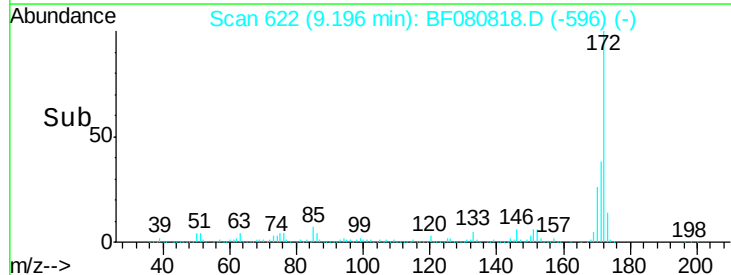


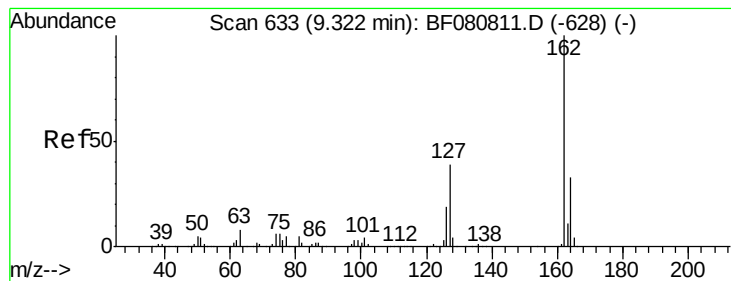
#44
 2-Fluorobiphenyl
 Concen: 105.24 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF080818.D
 Acq: 4 Aug 2015 00:06

Tgt Ion:172 Resp: 1970646
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.0 45.0
 170 25.5 20.2 30.4



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





#46

2-Chloronaphthalene

Concen: 4.89 ng

RT: 9.10 min Scan# 614

Delta R.T. -0.22 min

Lab File: BF080818.D

Acq: 4 Aug 2015 00:06

Instrument :

BNA_F

ClientSampleId :

8535

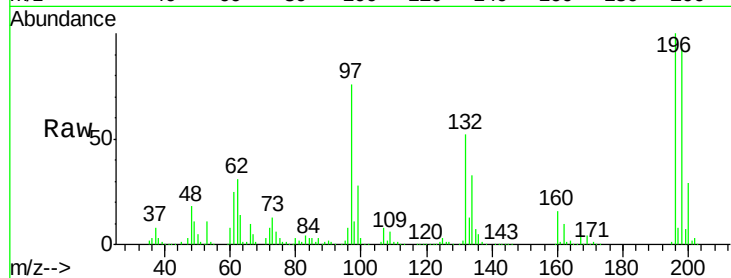
Tot Ion:162 Resp: 87030

Ion Ratio Lower Upper

162 100

127 7.2 31.0 46.6#

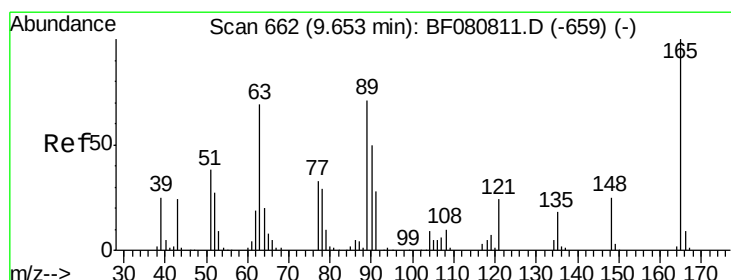
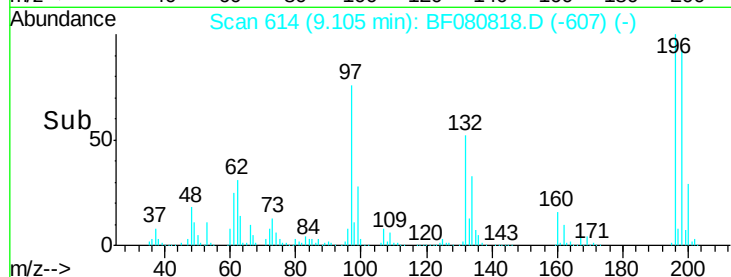
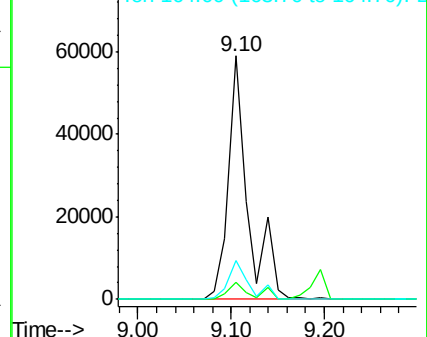
164 15.8 26.8 40.2#



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



#50

2,6-Dinitrotoluene

Concen: 8.85 ng

RT: 9.87 min Scan# 681

Delta R.T. 0.22 min

Lab File: BF080818.D

Acq: 4 Aug 2015 00:06

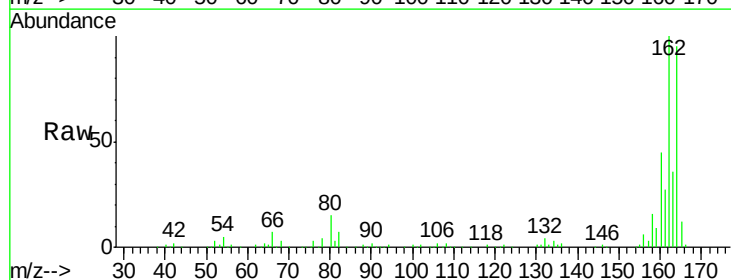
Tgt Ion:165 Resp: 36045

Ion Ratio Lower Upper

165 100

63 1.6 68.2 102.4#

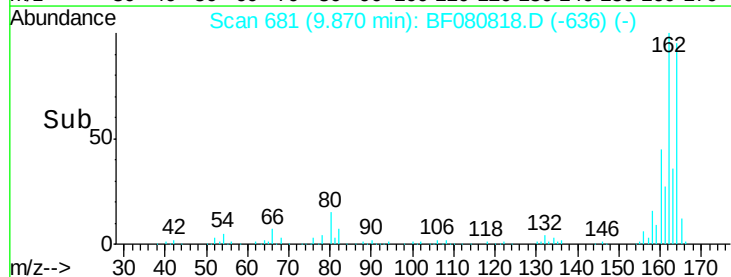
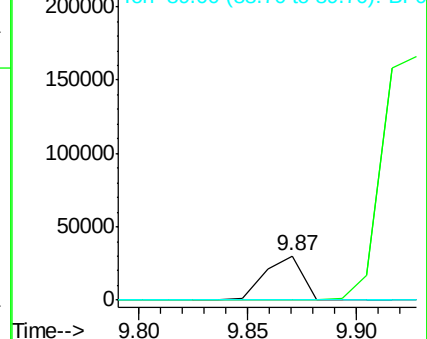
89 2.1 56.9 85.3#

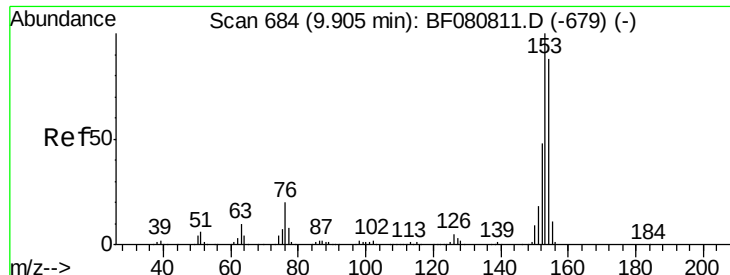


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 11.99 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.02 min

Lab File: BF080818.D

Acq: 4 Aug 2015 00:06

Instrument :

BNA_F

ClientSampleId :

8535

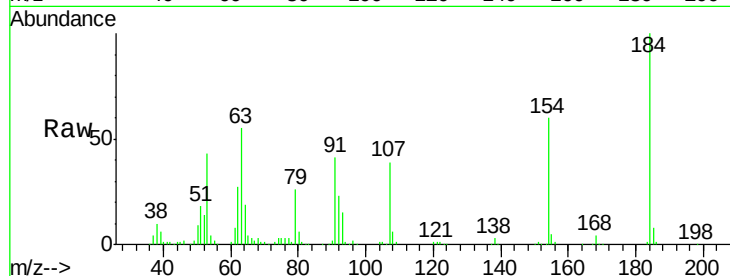
Tot Ion:154 Resp: 200375

Ion Ratio Lower Upper

154 100

153 0.7 91.4 137.2#

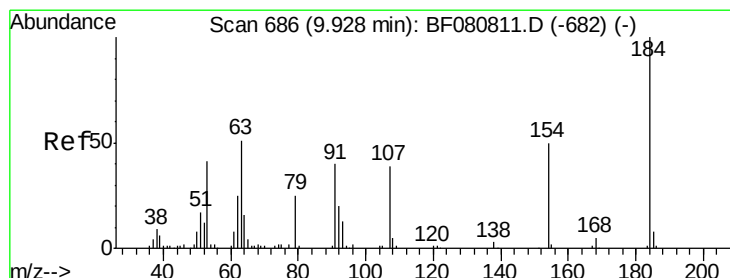
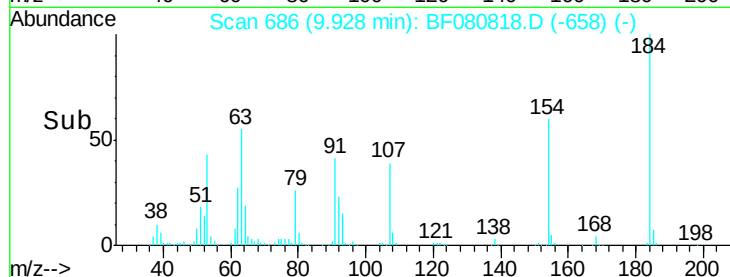
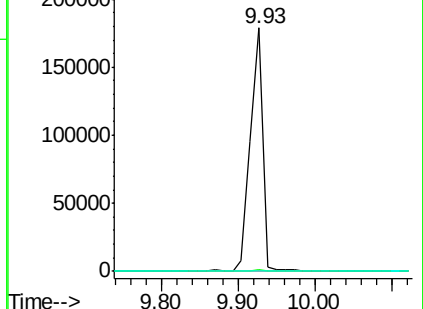
152 0.4 44.1 66.1#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

2,4-Dinitrophenol

Concen: 151.86 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF080818.D

Acq: 4 Aug 2015 00:06

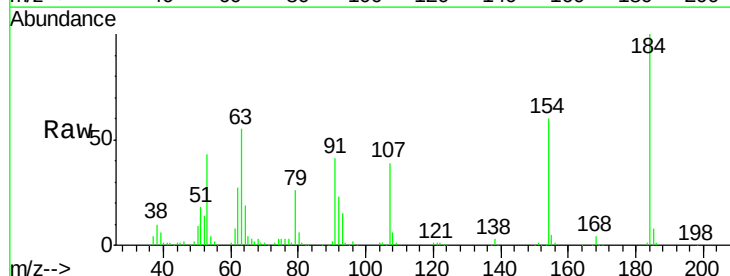
Tgt Ion:184 Resp: 316416

Ion Ratio Lower Upper

184 100

63 55.5 42.2 63.2

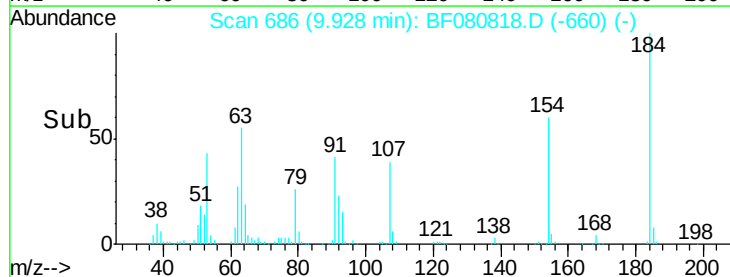
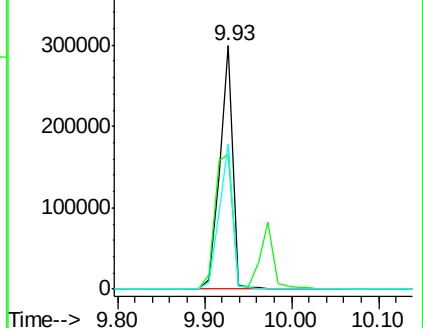
154 59.7 47.4 71.0

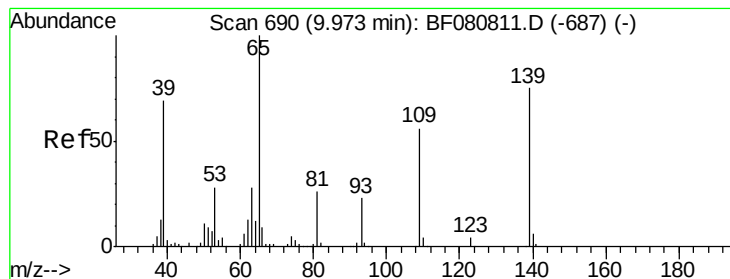


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#55

4-Nitrophenol

Concen: 70.91 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF080818.D

Acq: 4 Aug 2015 00:06

Instrument :

BNA_F

ClientSampleId :

8535

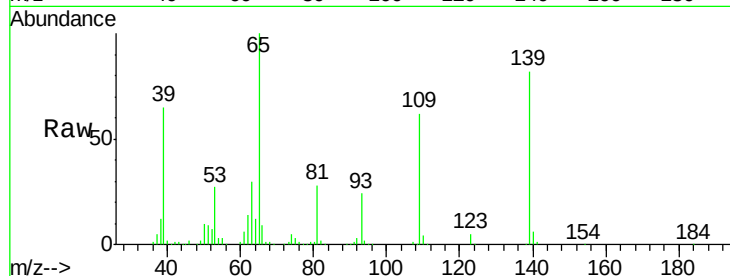
Tot Ion:139 Resp: 239556

Ion Ratio Lower Upper

139 100

109 75.5 55.1 95.1

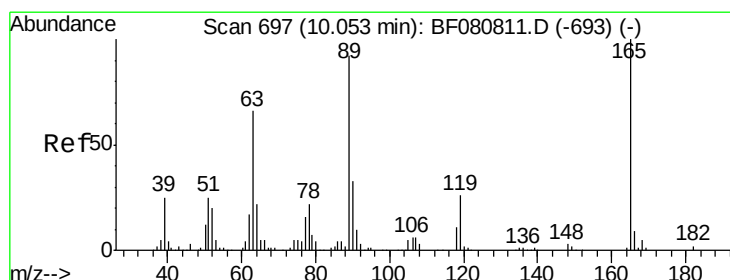
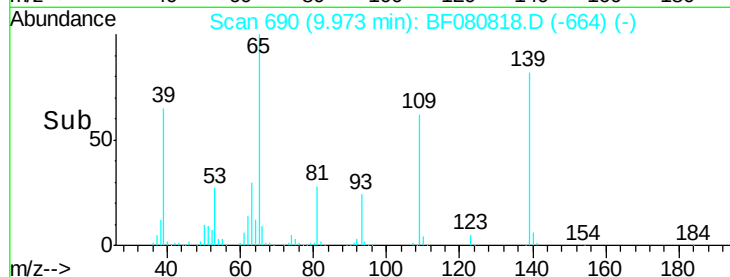
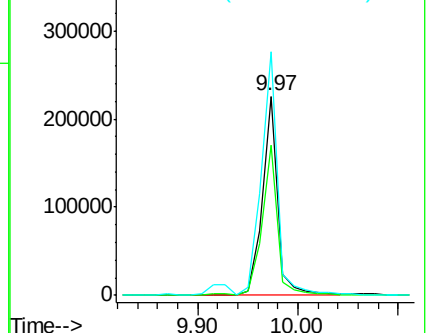
65 122.3 113.9 153.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 7.00 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.18 min

Lab File: BF080818.D

Acq: 4 Aug 2015 00:06

Tgt Ion:165 Resp: 36045

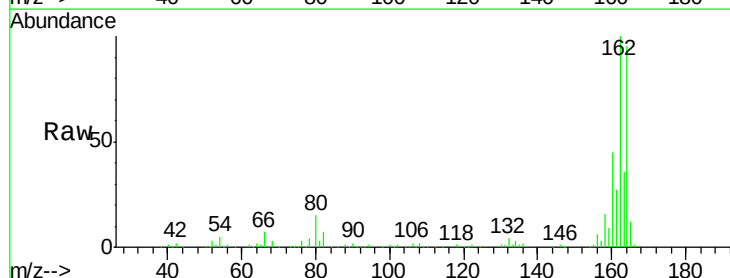
Ion Ratio Lower Upper

165 100

63 1.6 53.3 79.9#

89 2.1 73.5 110.3#

182 0.0 1.7 2.5#

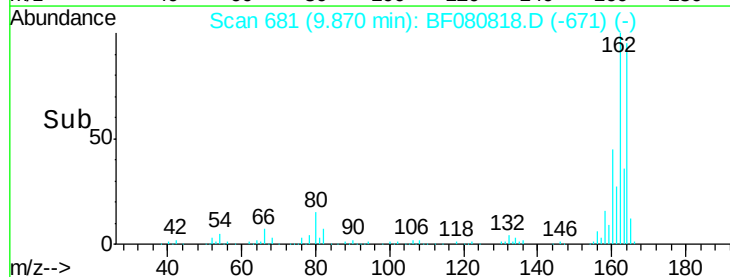
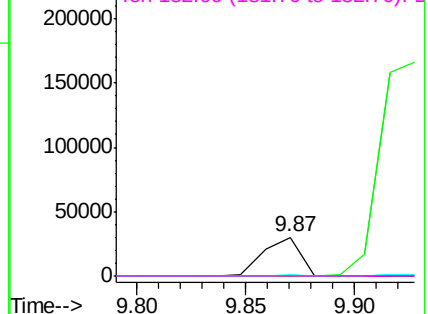


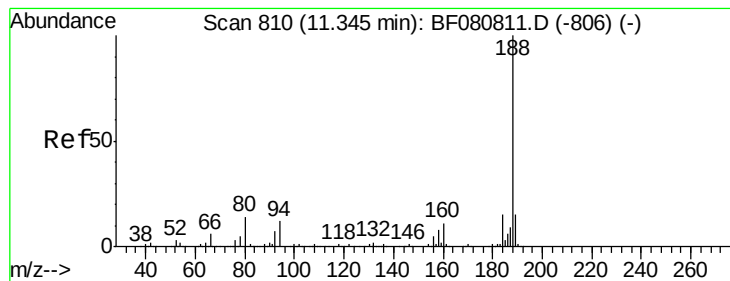
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF080818.D

Acq: 4 Aug 2015 00:06

Instrument :

BNA_F

ClientSampleId :

8535

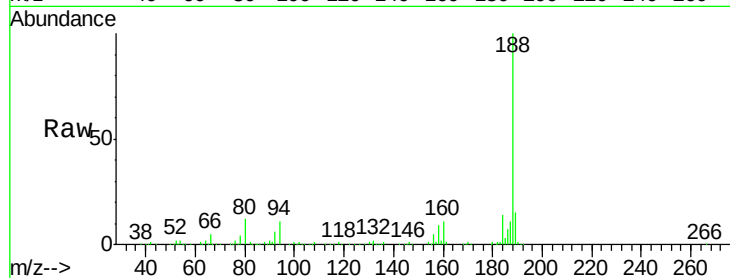
Tot Ion:188 Resp: 474309

Ion Ratio Lower Upper

188 100

94 10.8 9.7 14.5

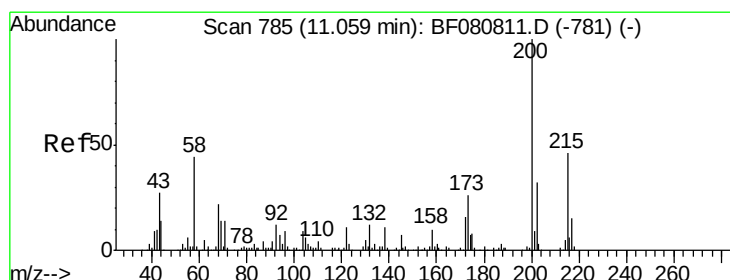
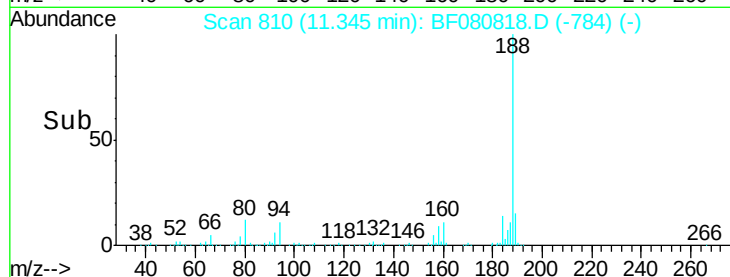
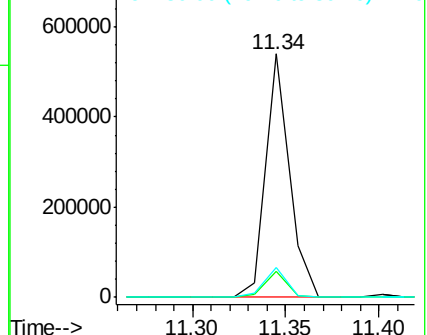
80 12.3 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#68

Atrazine

Concen: 15.57 ng

RT: 11.15 min Scan# 793

Delta R.T. 0.09 min

Lab File: BF080818.D

Acq: 4 Aug 2015 00:06

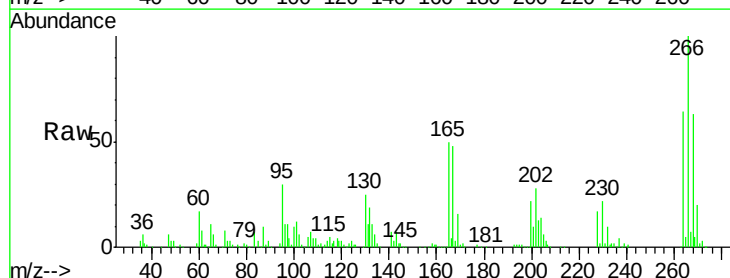
Tgt Ion:200 Resp: 58932

Ion Ratio Lower Upper

200 100

173 0.0 6.0 46.0#

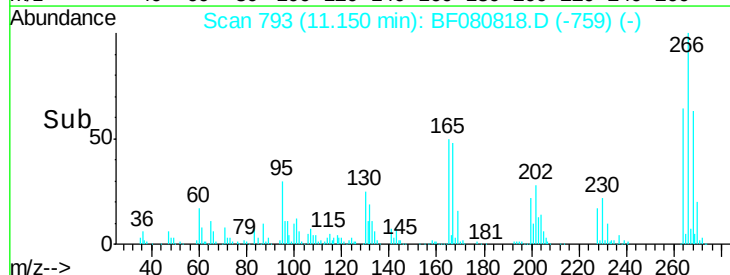
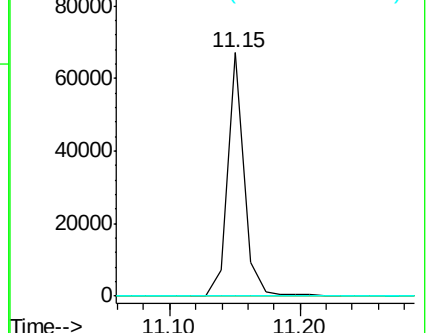
215 0.0 26.4 66.4#

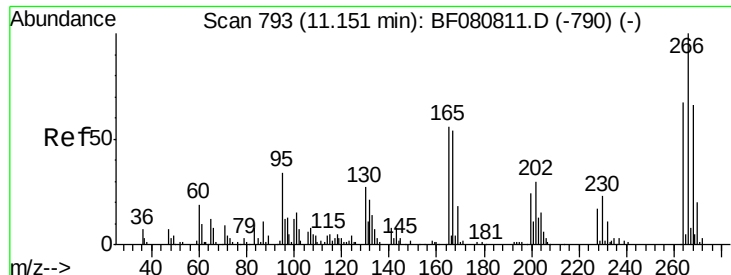


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

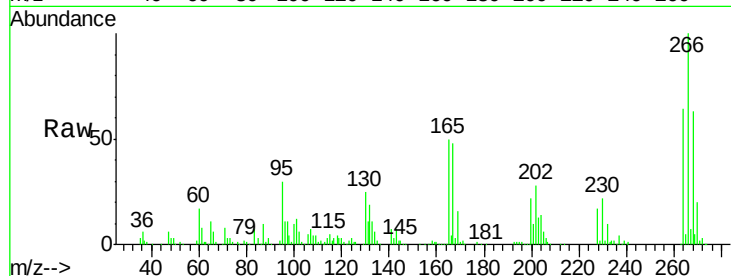




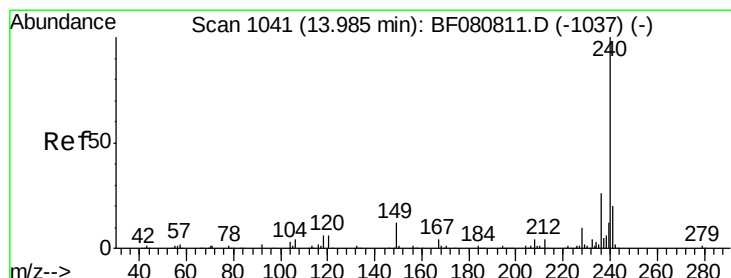
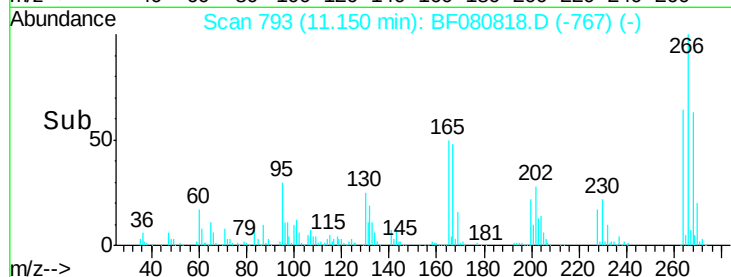
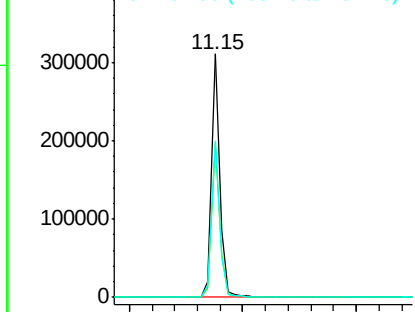
#69
 Pentachlorophenol
 Concen: 95.85 ng
 RT: 11.15 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF080818.D
 Acq: 4 Aug 2015 00:06

Instrument :
 BNA_F
 ClientSampled :
 8535

Tot Ion:266 Resp: 301847
 Ion Ratio Lower Upper
 266 100
 268 63.0 52.7 79.1
 264 64.2 53.4 80.0

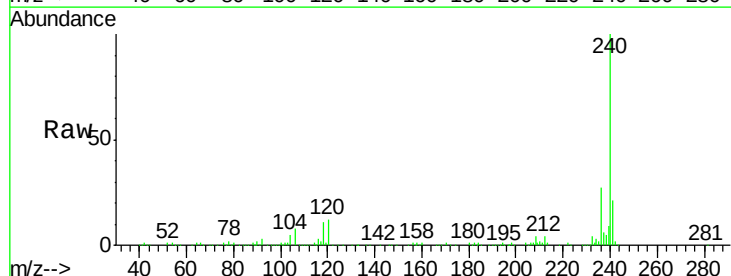


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

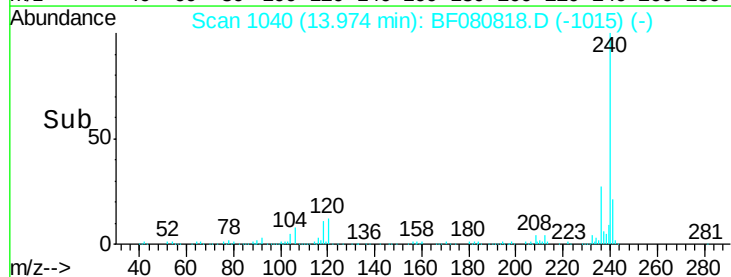
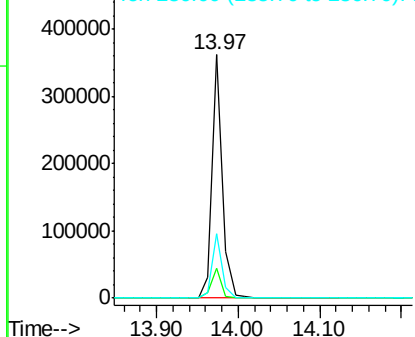


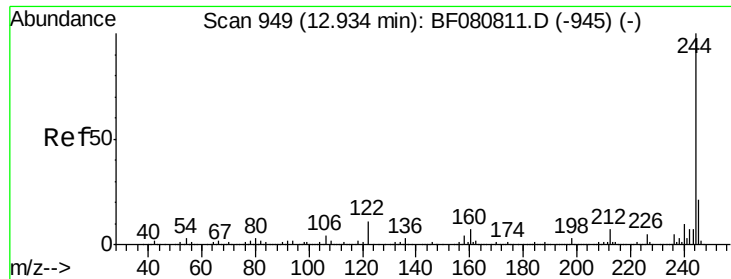
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF080818.D
 Acq: 4 Aug 2015 00:06

Tgt Ion:240 Resp: 323991
 Ion Ratio Lower Upper
 240 100
 120 12.0 5.0 7.4#
 236 26.6 20.8 31.2



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



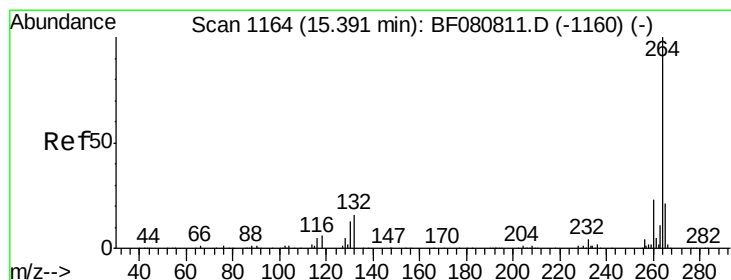
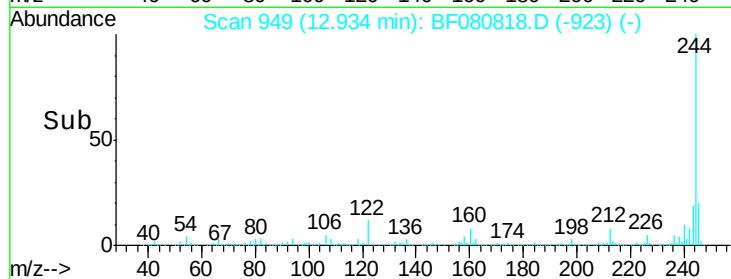
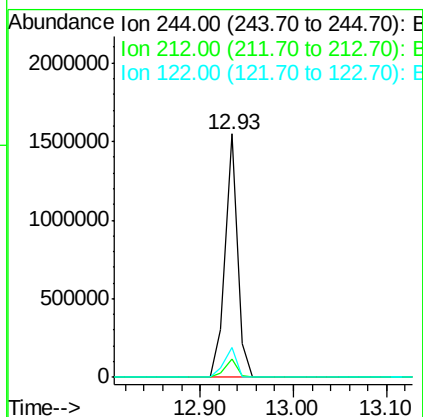
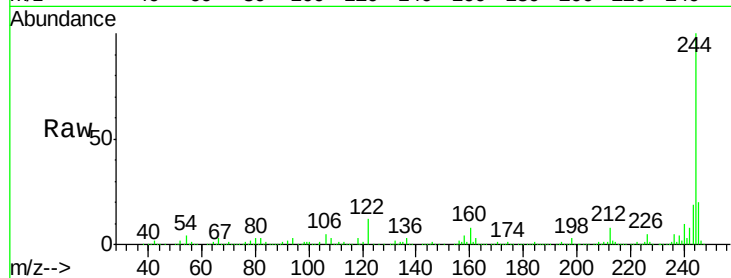


#78
 Terphenyl-d14
 Concen: 88.04 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF080818.D
 Acq: 4 Aug 2015 00:06

Instrument :
 BNA_F
 ClientSampleId :
 8535

Tot Ion:244 Resp: 1431329

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	12.2	9.1	13.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF080818.D
 Acq: 4 Aug 2015 00:06

Tgt Ion:264 Resp: 256931

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.9	17.0	25.6

