

Data Path : Z:\HPCHEM1\BNA_F\Data\BF052215\
 Data File : BF079457.D
 Acq On : 23 May 2015 5:31
 Operator : TP/IZ
 Sample : G2289-13MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMS

Quant Time: May 23 06:54:51 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 05:08:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-7.13
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.71
38) Acenaphthene-d10	10.80	164	91033	20.00	ng	-0.08
63) Phenanthrene-d10	12.63	188	223567	20.00	ng	-0.09
75) Chrysene-d12	15.92	240	219236	20.00	ng	-0.10
86) Perylene-d12	17.65	264	225383	20.00	ng	-0.17

System Monitoring Compounds

5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	11.78	330	233869	237.48	ng	-0.08
44) 2-Fluorobiphenyl	9.98	172	862083	131.94	ng	-0.08
78) Terphenyl-d14	14.63	244	930569	101.62	ng	-0.09

Target Compounds

						Qvalue
39) 1,2,4,5-Tetrachlorobenzene	9.72	216	180514	70.41	ng	98
40) Hexachlorocyclopentadiene	9.70	237	97417	75.56	ng	96
42) 2,4,6-Trichlorophenol	9.87	196	127054	72.08	ng	99
43) 2,4,5-Trichlorophenol	9.92	196	130013	72.96	ng	# 81
45) 1,1'-Biphenyl	10.10	154	537262	74.24	ng	99
46) 2-Chloronaphthalene	10.11	162	412290	73.04	ng	96
47) 2-Nitroaniline	10.25	65	119019	72.77	ng	89
48) Acenaphthylene	10.63	152	666129	71.87	ng	98
49) Dimethylphthalate	10.49	163	607440	90.92	ng	100
50) 2,6-Dinitrotoluene	10.57	165	101398	76.90	ng	96
51) Acenaphthene	10.83	154	380806	68.90	ng	100
52) 3-Nitroaniline	10.76	138	59103	35.88	ng	93
53) 2,4-Dinitrophenol	10.91	184	31430	64.76	ng	# 61
54) Dibenzofuran	11.05	168	574781	71.99	ng	98
55) 4-Nitrophenol	11.00	139	141767	108.75	ng	# 71
56) 2,4-Dinitrotoluene	11.06	165	135997	78.02	ng	87
57) Fluorene	11.47	166	470144	71.75	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.21	232	100597	69.08	ng	100
59) Diethylphthalate	11.37	149	472325	71.36	ng	95
60) 4-Chlorophenyl-phenylether	11.49	204	203235	69.91	ng	94
61) 4-Nitroaniline	11.52	138	92960	56.42	ng	99
62) Azobenzene	11.68	77	462376	70.89	ng	98
64) 4,6-Dinitro-2-methylphenol	11.57	198	43946	47.39	ng	# 68
65) n-Nitrosodiphenylamine	11.63	169	396811	53.30	ng	100
66) 4-Bromophenyl-phenylether	12.09	248	130835	56.14	ng	93
67) Hexachlorobenzene	12.15	284	145813	54.75	ng	# 83
68) Atrazine	12.32	200	128073	59.15	ng	95
69) Pentachlorophenol	12.41	266	116676	75.31	ng	98
70) Phenanthrene	12.66	178	687115	54.94	ng	99
71) Anthracene	12.73	178	695017	56.64	ng	99
72) Carbazole	12.94	167	645810	55.22	ng	99
73) Di-n-butylphthalate	13.39	149	789899	56.32	ng	98
74) Fluoranthene	14.14	202	761155	58.40	ng	97
76) Benzidine	14.32	184	258801	43.80	ng	97

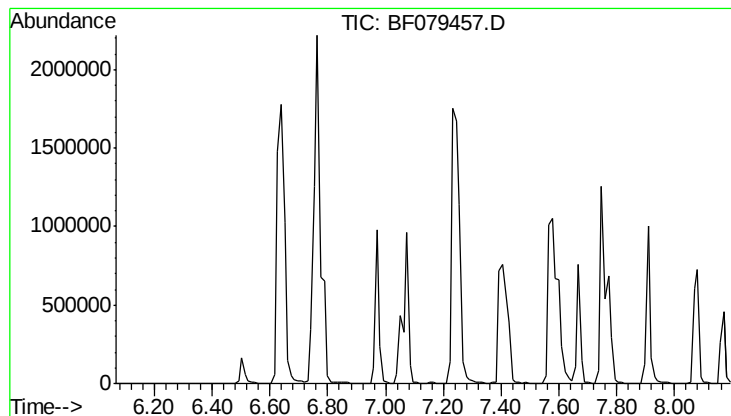
Data Path : Z:\HPCHEM1\BNA_F\Data\BF052215\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Pyrene	14.41	202	768636	60.84	ng	99
79) Butylbenzylphthalate	15.25	149	333183	60.33	ng	93
80) Benzo(a)anthracene	15.91	228	693417	57.76	ng	99
81) 3,3'-Dichlorobenzidine	15.89	252	190902	44.64	ng	# 98
82) Chrysene	15.94	228	644902	55.85	ng	99
83) Bis(2-ethylhexyl)phthalate	15.97	149	489065	58.47	ng	# 98
84) Di-n-octyl phthalate	16.75	149	802732	54.49	ng	96
85) Indeno(1,2,3-cd)pyrene	18.98	276	833412	56.65	ng	100
87) Benzo(b)fluoranthene	17.20	252	689229	55.87	ng	98
88) Benzo(k)fluoranthene	17.20	252	689229	57.71	ng	# 97
89) Benzo(a)pyrene	17.58	252	664268	58.48	ng	# 98
90) Dibenzo(a,h)anthracene	19.01	278	670473	55.54	ng	98
91) Benzo(g,h,i)perylene	19.37	276	696922	57.60	ng	# 94

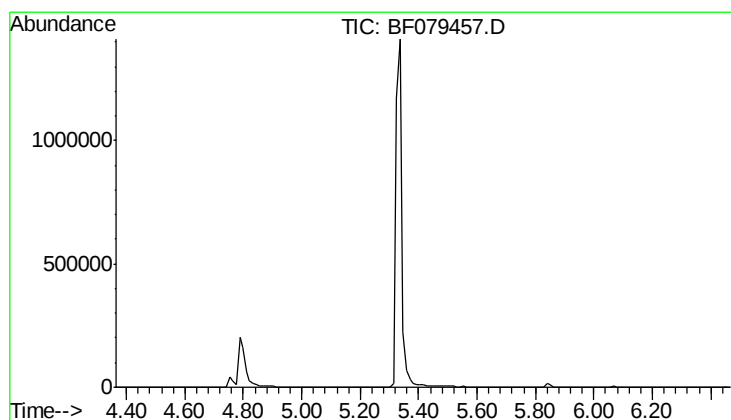
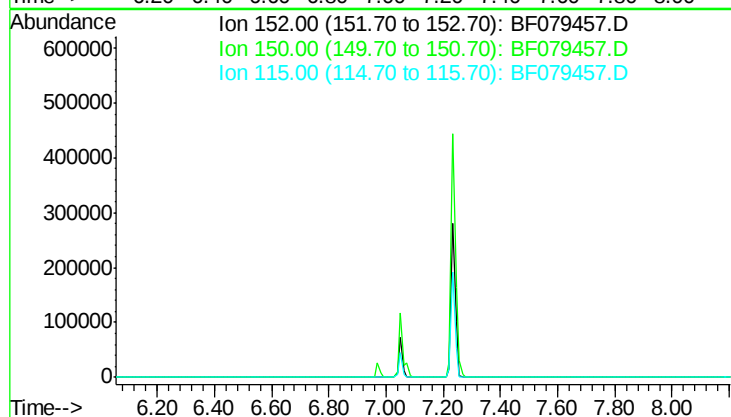
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 0.00 ng
 Expected RT: 7.13 min
 Lab File: BF079457.D
 Acq: 23 May 2015 5:31

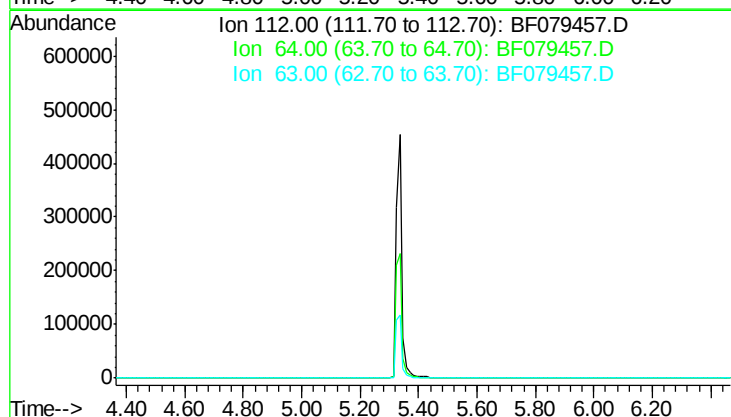
Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMS

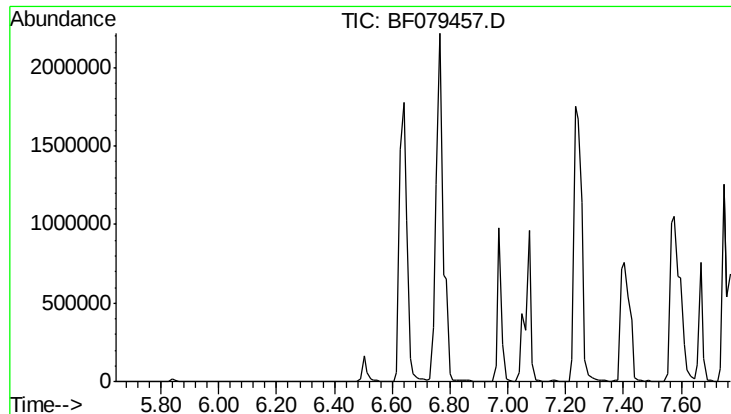
Tgt Ion	Exp Ratio
152	100
150	154.8
115	61.7



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.42 min
 Lab File: BF079457.D
 Acq: 23 May 2015 5:31

Tgt Ion	Exp Ratio
112	100
64	55.2
63	28.4





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.71 min

Lab File: BF079457.D

Acq: 23 May 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SB-31SMS

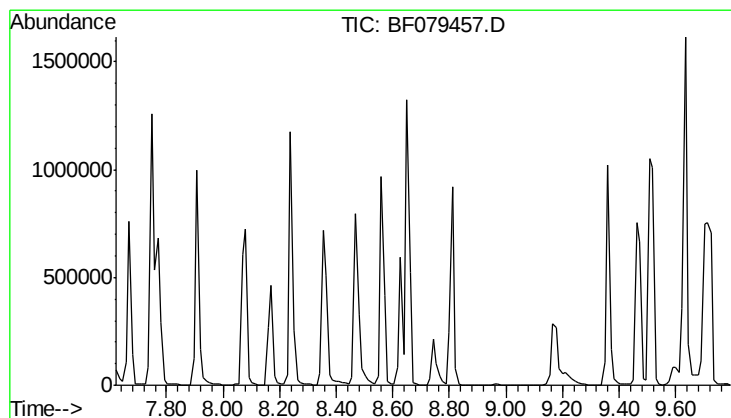
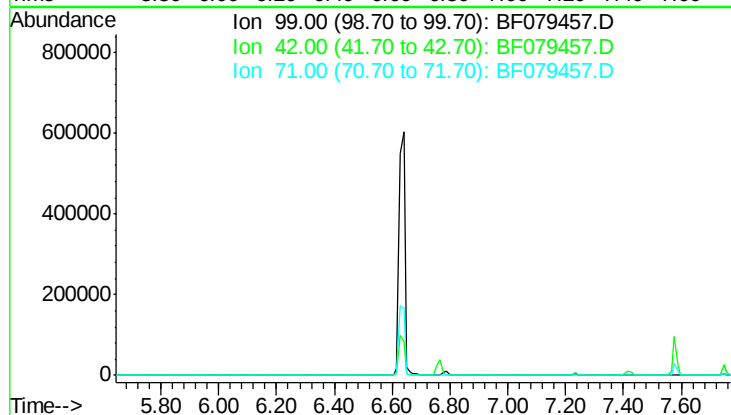
Tgt Ion: 99

Sig Exp Ratio

99 100

42 21.4

71 32.9



#21

Naphthalene-d8

Concen: 0.00 ng

Expected RT: 8.71 min

Lab File: BF079457.D

Acq: 23 May 2015 5:31

Tgt Ion: 136

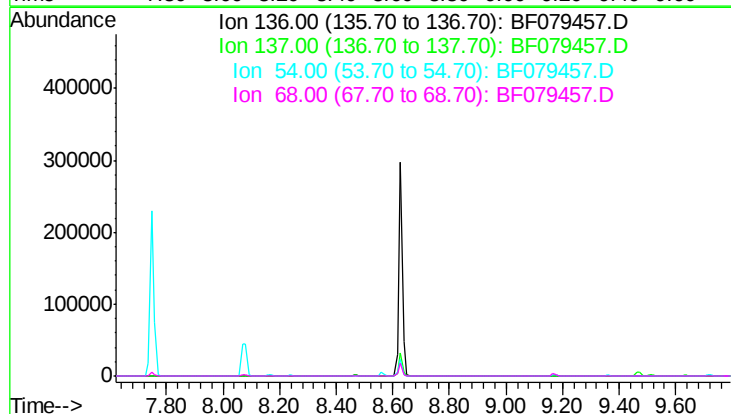
Sig Exp Ratio

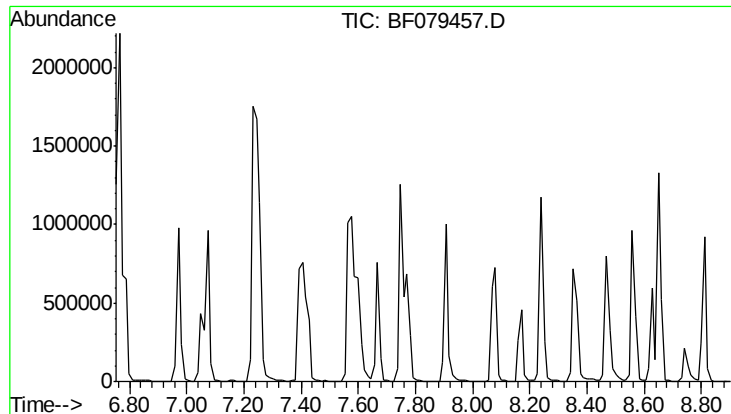
136 100

137 11.0

54 8.6

68 6.1

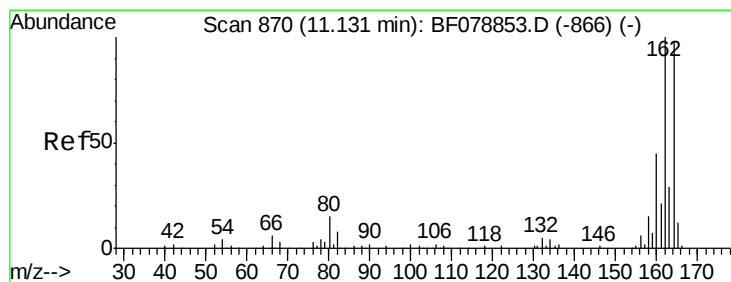
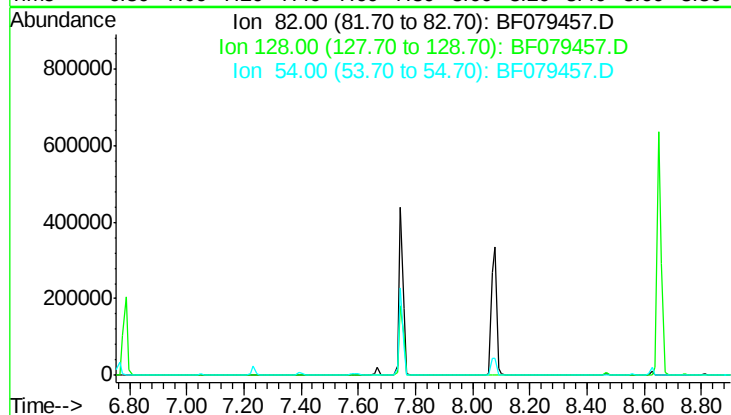




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.83 min
 Lab File: BF079457.D
 Acq: 23 May 2015 5:31

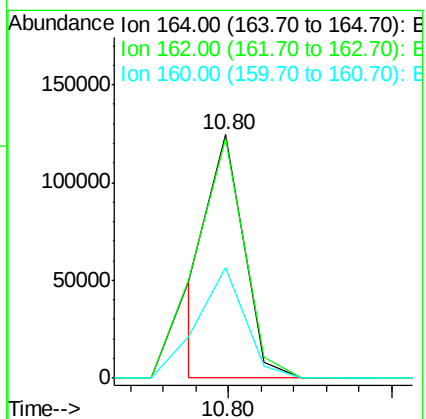
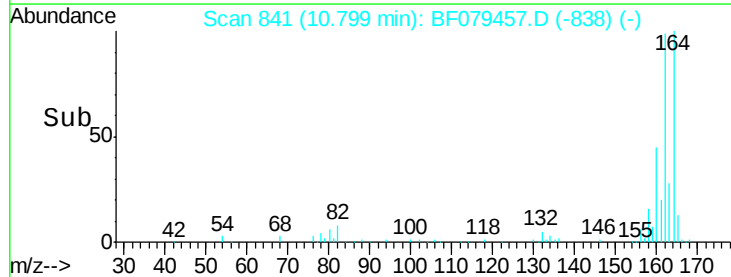
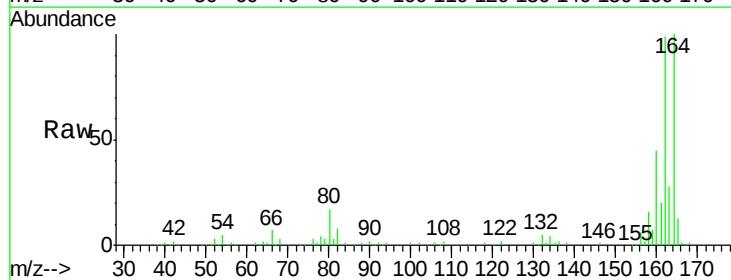
Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMS

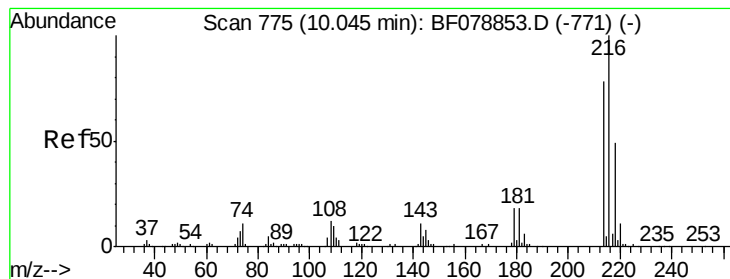
Tgt Ion: 82
 Sig Exp Ratio
 82 100
 128 37.1
 54 57.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.80 min Scan# 841
 Delta R.T. -0.08 min
 Lab File: BF079457.D
 Acq: 23 May 2015 5:31

Tgt Ion:164 Resp: 91033
 Ion Ratio Lower Upper
 164 100
 162 98.7 81.4 122.0
 160 45.4 36.6 54.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 70.41 ng

RT: 9.72 min Scan# 747

Delta R.T. -0.08 min

Lab File: BF079457.D

Acq: 23 May 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SB-31SMS

Tgt Ion:216 Resp: 180514

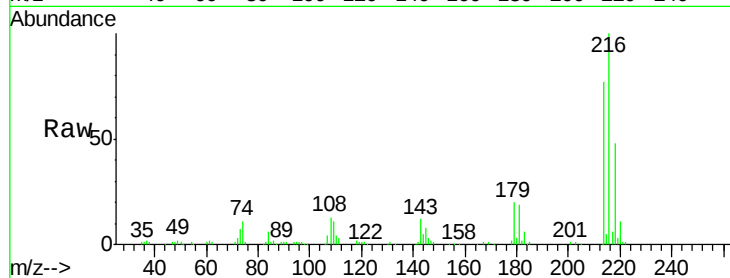
Ion Ratio Lower Upper

216 100

214 78.4 64.0 96.0

179 22.4 17.0 25.4

108 22.2 17.0 25.6

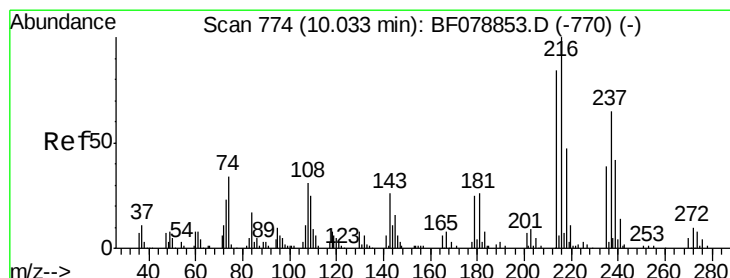
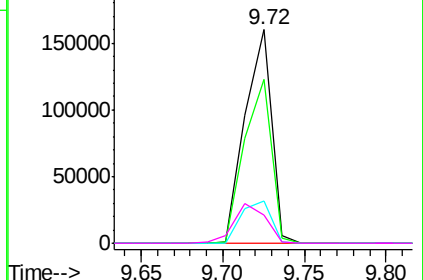
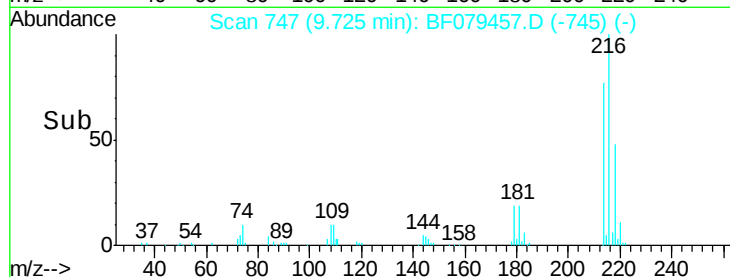


Abundance Ion 216.00 (215.70 to 216.70): E

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: 75.56 ng

RT: 9.70 min Scan# 745

Delta R.T. -0.08 min

Lab File: BF079457.D

Acq: 23 May 2015 5:31

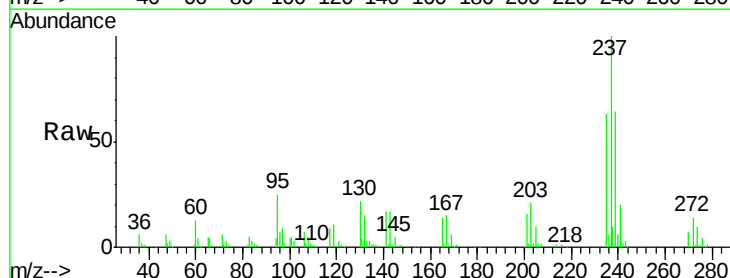
Tgt Ion:237 Resp: 97417

Ion Ratio Lower Upper

237 100

235 63.0 40.0 80.0

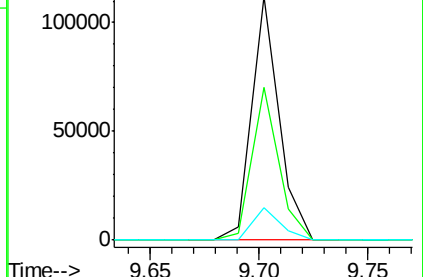
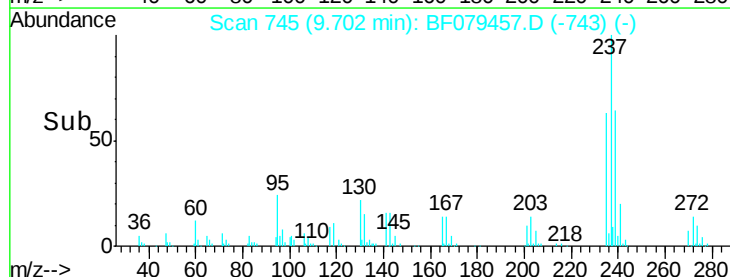
272 13.6 0.0 36.0

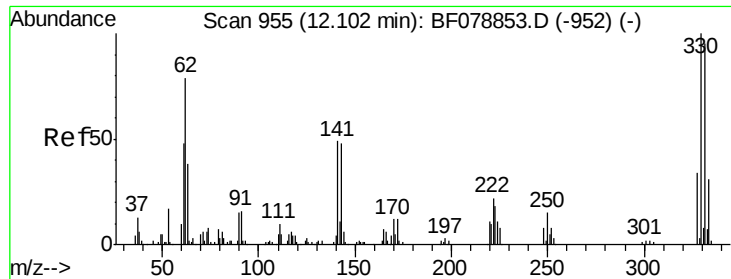


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

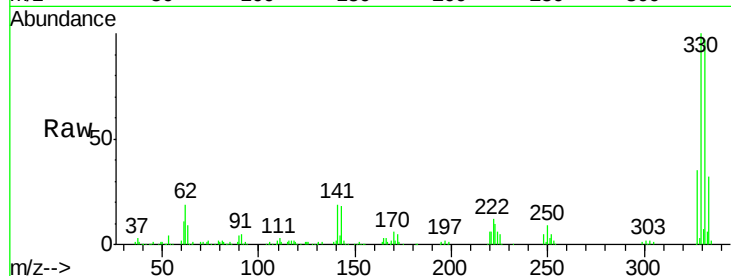




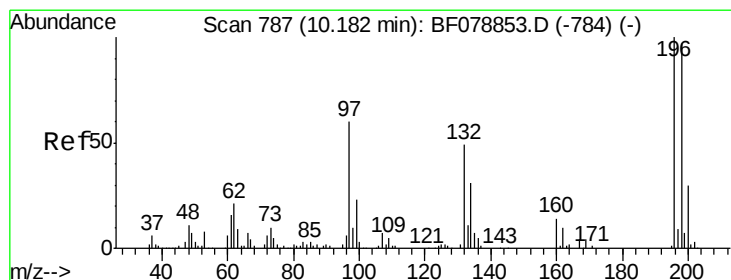
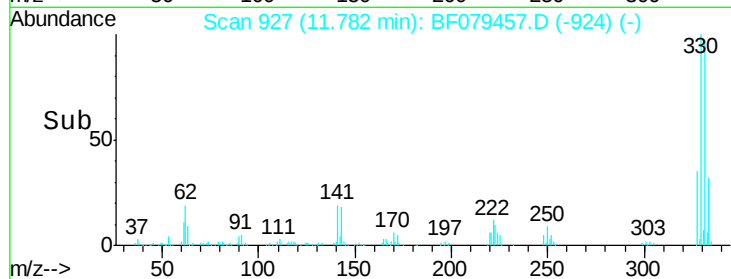
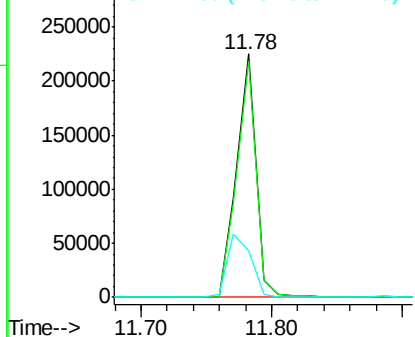
#41
 2,4,6-Tribromophenol
 Concen: 237.48 ng
 RT: 11.78 min Scan# 927
 Delta R.T. -0.08 min
 Lab File: BF079457.D
 Acq: 23 May 2015 5:31

Instrument :
 BNA_F
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Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.9	115.3
141	32.0	27.8	41.8

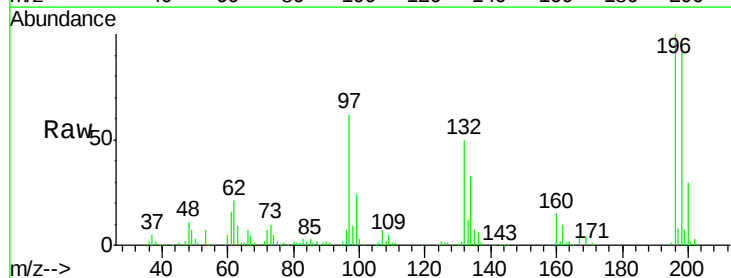


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

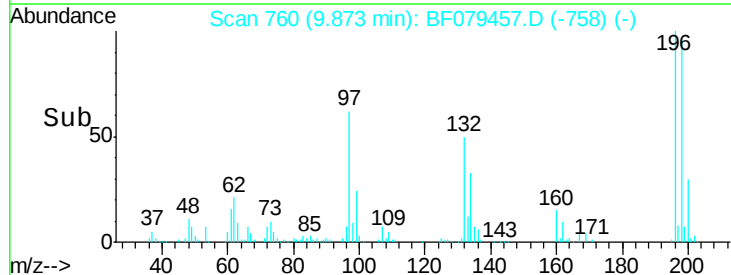
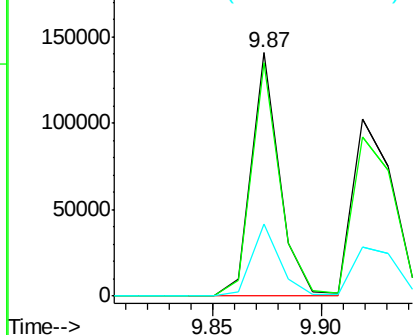


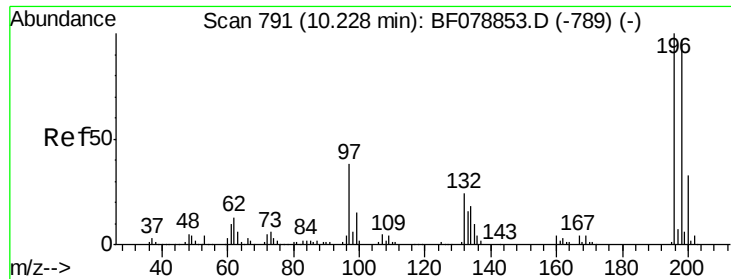
#42
 2,4,6-Trichlorophenol
 Concen: 72.08 ng
 RT: 9.87 min Scan# 760
 Delta R.T. -0.08 min
 Lab File: BF079457.D
 Acq: 23 May 2015 5:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	77.4	116.2
200	29.7	23.7	35.5



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

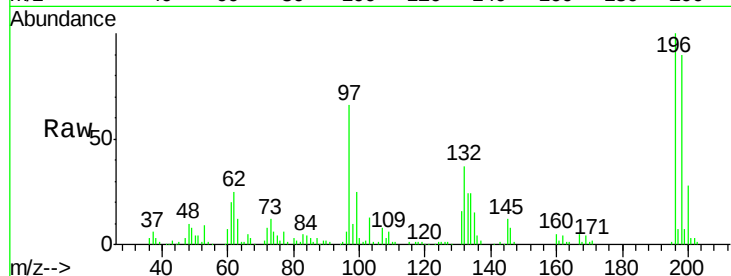




#43
 2,4,5-Trichlorophenol
 Concen: 72.96 ng
 RT: 9.92 min Scan# 764
 Delta R.T. -0.08 min
 Lab File: BF079457.D
 Acq: 23 May 2015 5:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	89.9	77.3	115.9
97	66.1	31.3	46.9
132	37.5	19.7	29.5



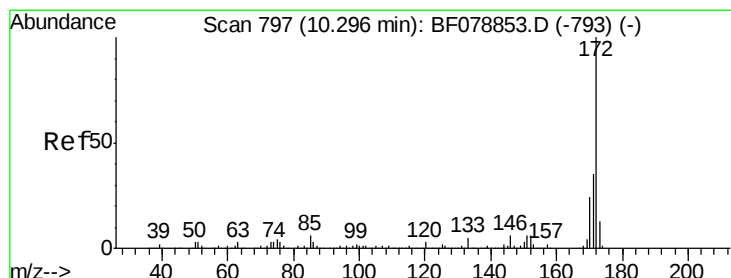
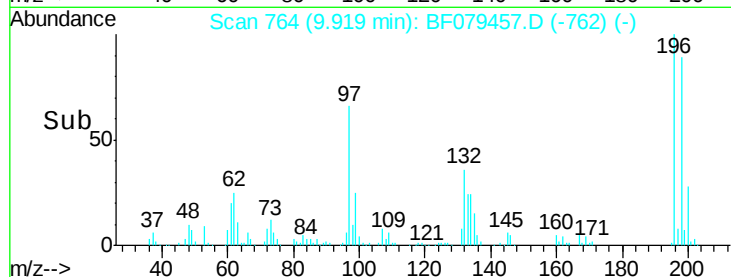
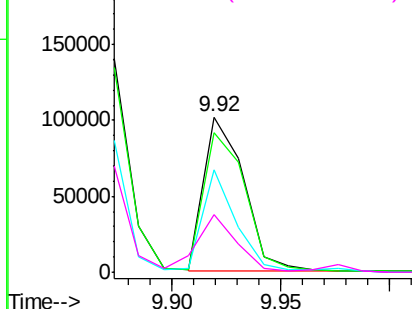
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

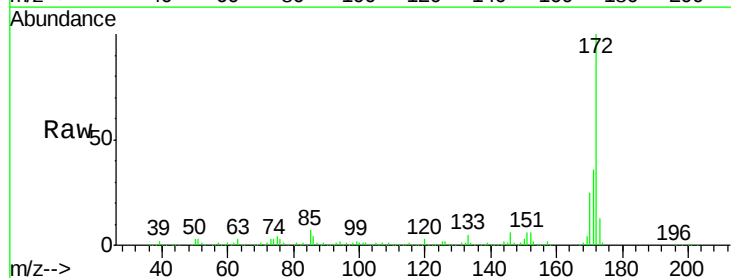
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 131.94 ng
 RT: 9.98 min Scan# 769
 Delta R.T. -0.08 min
 Lab File: BF079457.D
 Acq: 23 May 2015 5:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.3	42.5
170	24.5	19.4	29.2

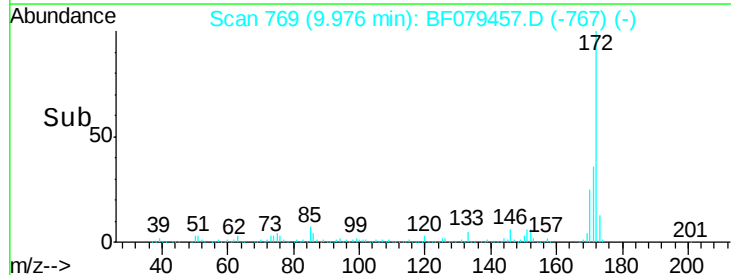
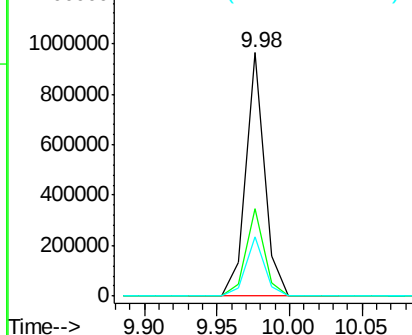


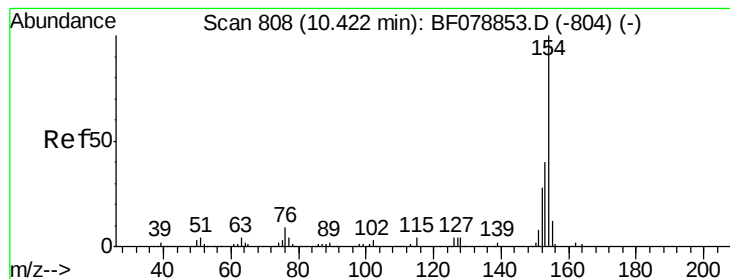
Abundance

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: 74.24 ng

RT: 10.10 min Scan# 780

Delta R.T. -0.07 min

Lab File: BF079457.D

Acq: 23 May 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SB-31SMS

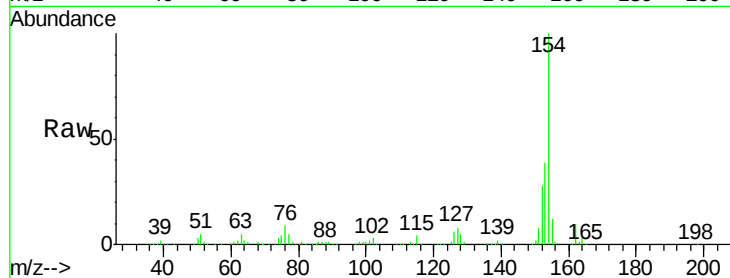
Tgt Ion:154 Resp: 537262

Ion Ratio Lower Upper

154 100

153 39.0 19.7 59.7

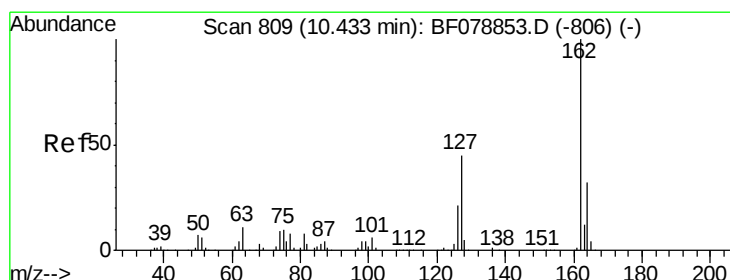
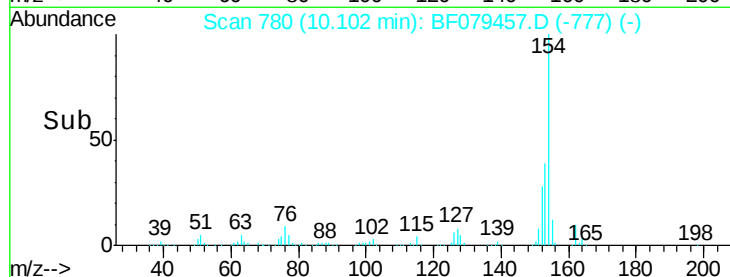
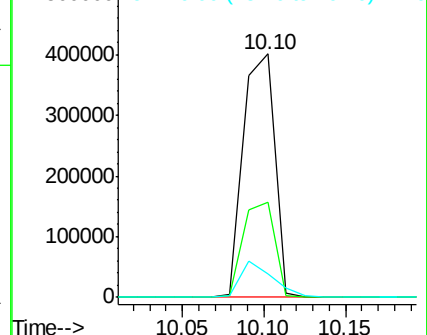
76 9.4 0.0 29.1



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): BF0



#46

2-Chloronaphthalene

Concen: 73.04 ng

RT: 10.11 min Scan# 781

Delta R.T. -0.08 min

Lab File: BF079457.D

Acq: 23 May 2015 5:31

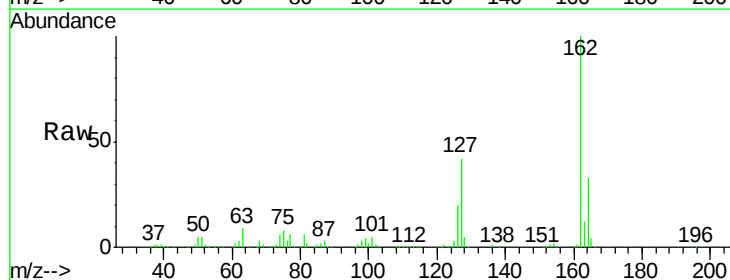
Tgt Ion:162 Resp: 412290

Ion Ratio Lower Upper

162 100

127 41.6 36.3 54.5

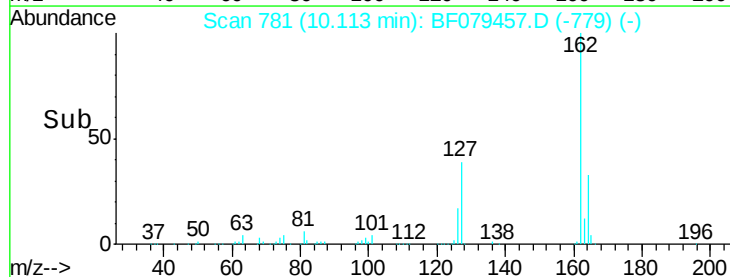
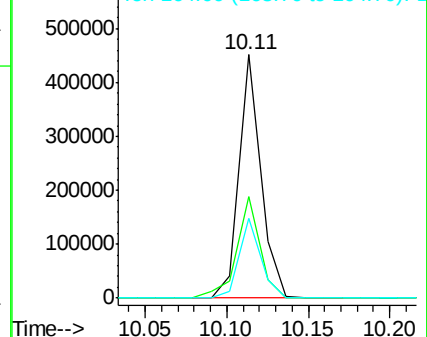
164 32.5 25.9 38.9

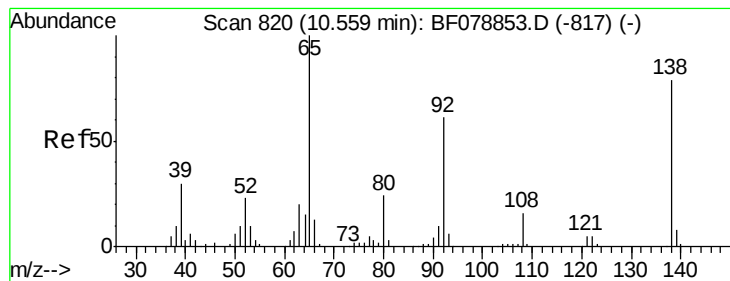


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 72.77 ng

RT: 10.25 min Scan# 793

Delta R.T. -0.08 min

Lab File: BF079457.D

Acq: 23 May 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SB-31SMS

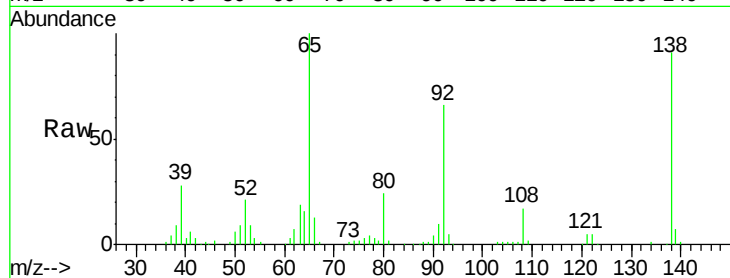
Tgt Ion: 65 Resp: 119019

Ion Ratio Lower Upper

65 100

92 66.0 49.1 73.7

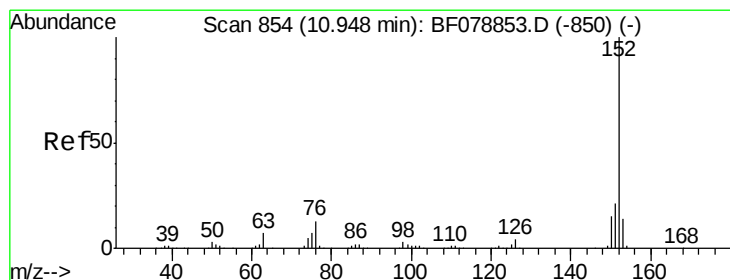
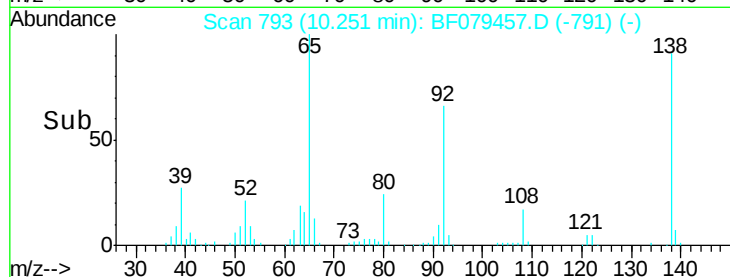
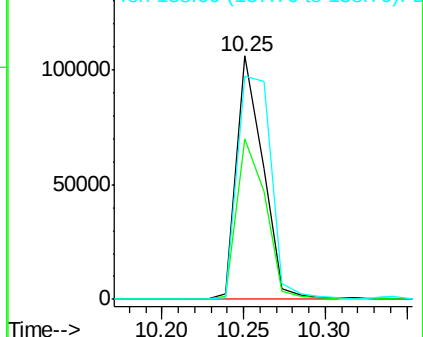
138 91.4 63.2 94.8



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 71.87 ng

RT: 10.63 min Scan# 826

Delta R.T. -0.08 min

Lab File: BF079457.D

Acq: 23 May 2015 5:31

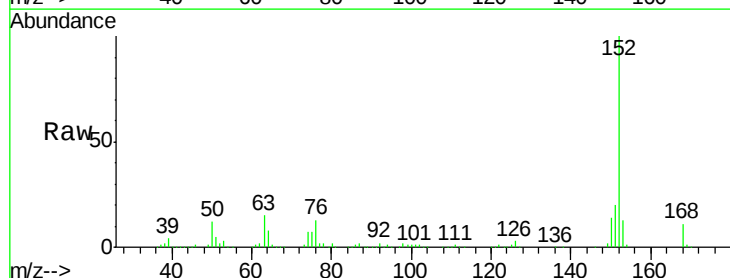
Tgt Ion: 152 Resp: 666129

Ion Ratio Lower Upper

152 100

151 19.9 16.6 24.8

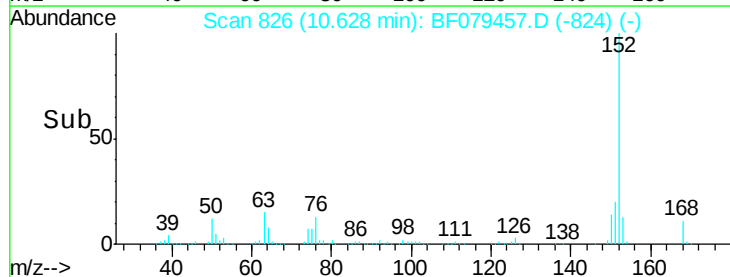
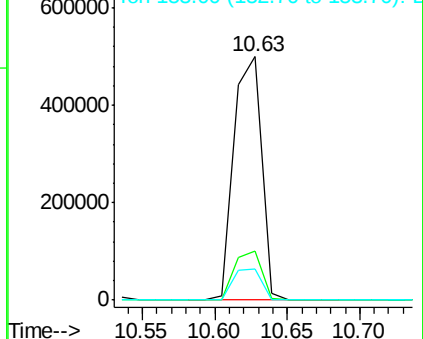
153 12.7 11.0 16.6

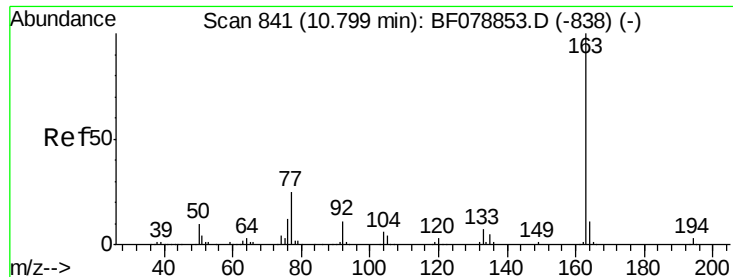


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

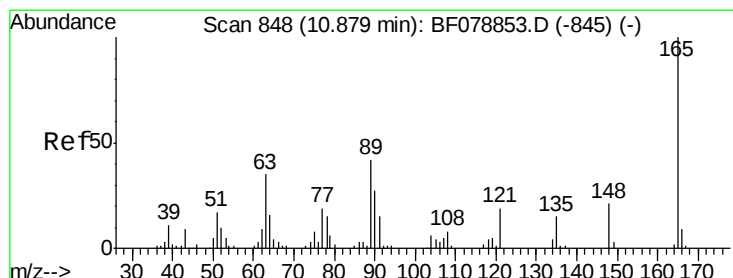
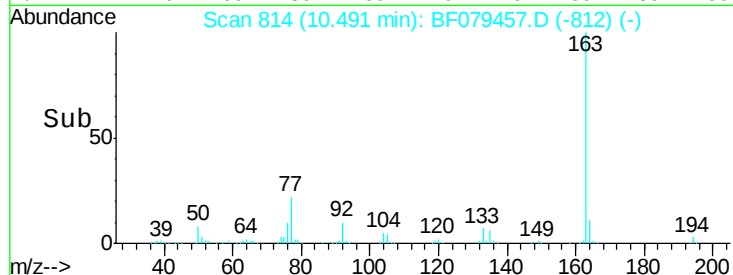
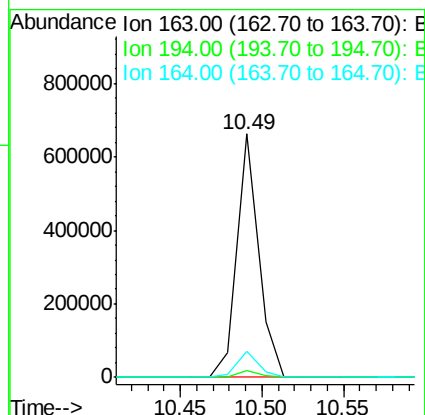
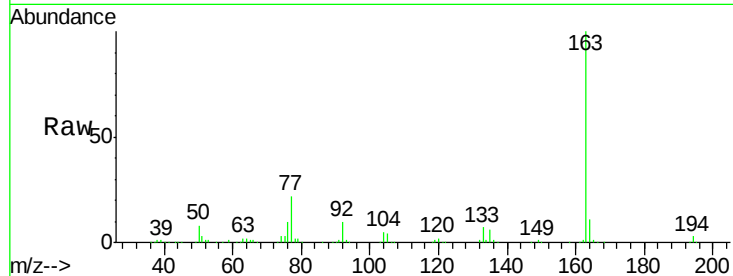




#49
Dimethylphthalate
Concen: 90.92 ng
RT: 10.49 min Scan# 814
Delta R.T. -0.08 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

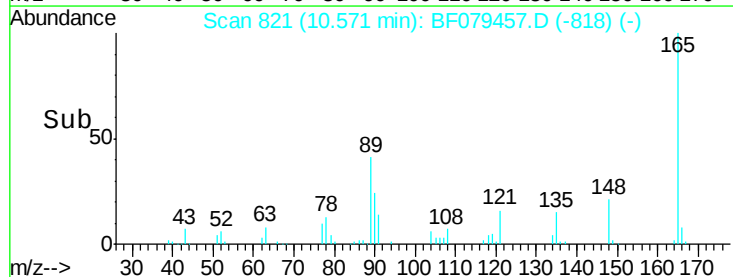
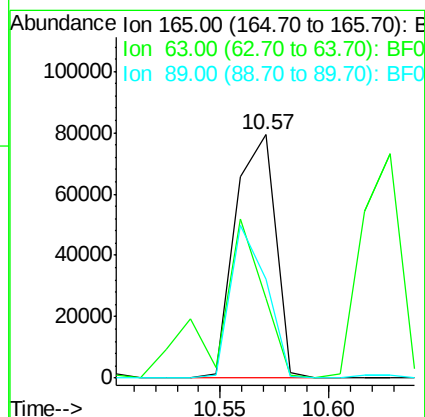
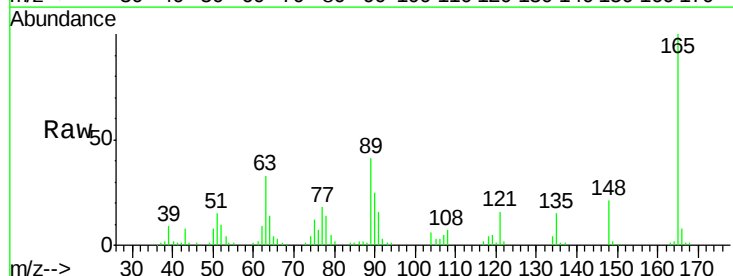
Instrument :
BNA_F
ClientSampleId :
SB-31SMS

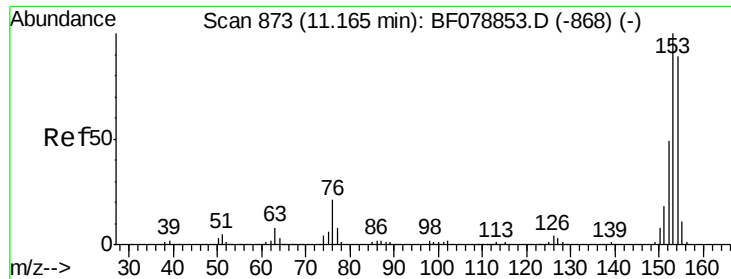
Tgt Ion:163 Resp: 607440
Ion Ratio Lower Upper
163 100
194 3.0 2.4 3.6
164 10.6 8.6 12.8



#50
2,6-Dinitrotoluene
Concen: 76.90 ng
RT: 10.57 min Scan# 821
Delta R.T. -0.07 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Tgt Ion:165 Resp: 101398
Ion Ratio Lower Upper
165 100
63 32.6 29.2 43.8
89 40.9 33.3 49.9

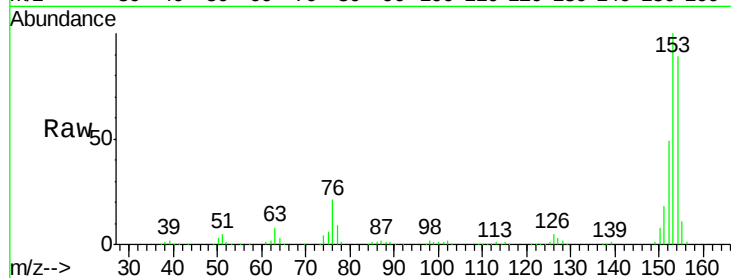




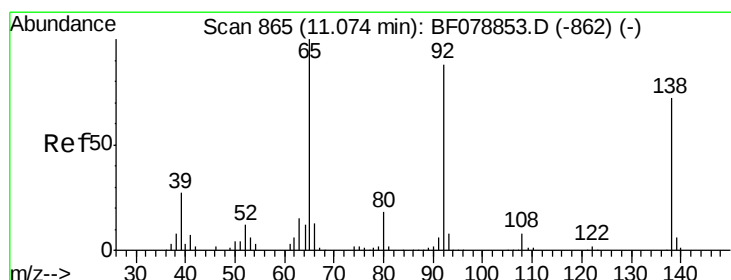
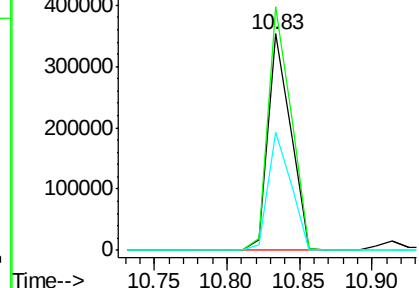
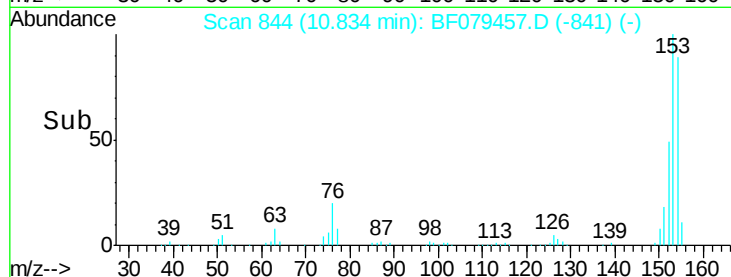
#51
Acenaphthene
Concen: 68.90 ng
RT: 10.83 min Scan# 844
Delta R.T. -0.08 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Instrument :
BNA_F
ClientSampleId :
SB-31SMS

Tgt Ion:154 Resp: 380806
Ion Ratio Lower Upper
154 100
153 112.6 90.2 135.2
152 54.9 43.8 65.8

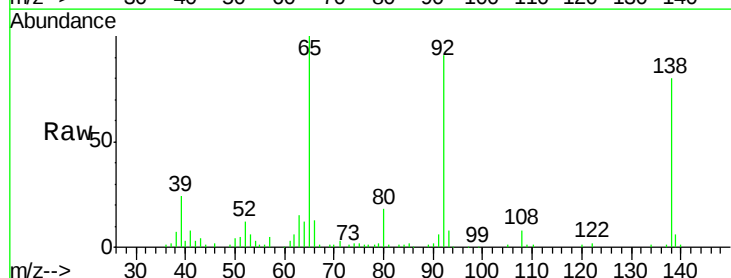


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

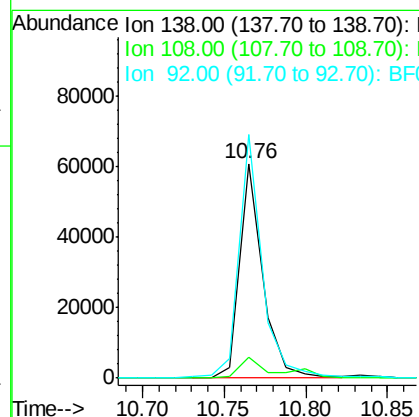
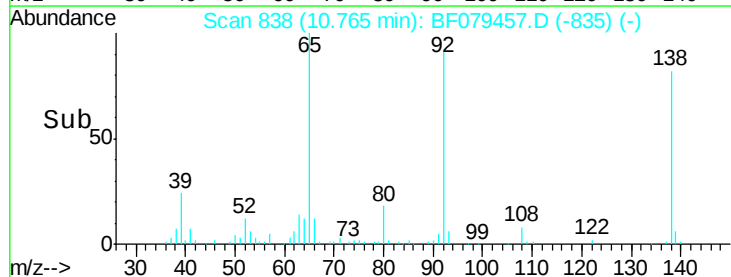


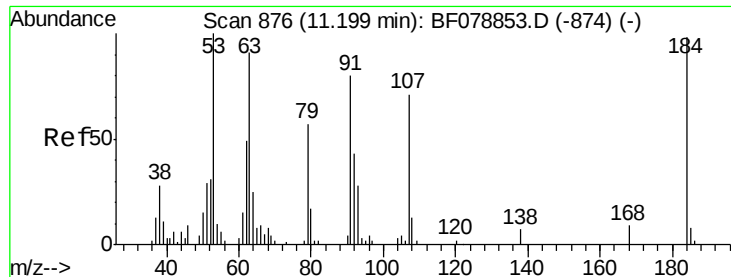
#52
3-Nitroaniline
Concen: 35.88 ng
RT: 10.76 min Scan# 838
Delta R.T. -0.08 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Tgt Ion:138 Resp: 59103
Ion Ratio Lower Upper
138 100
108 9.6 8.5 12.7
92 113.5 97.4 146.0



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): BF0

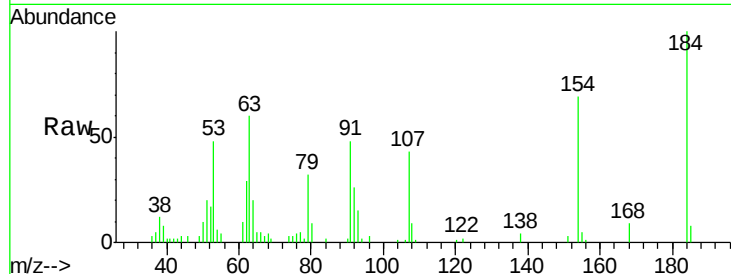




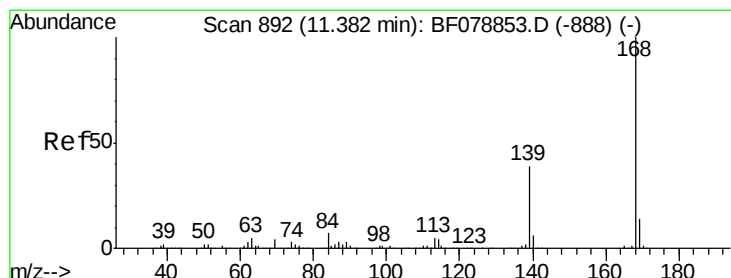
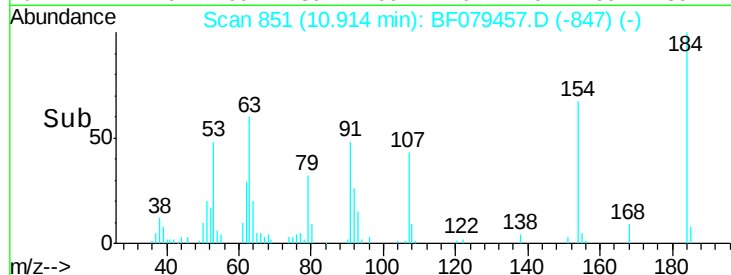
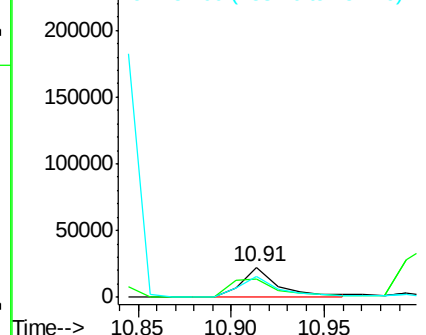
#53
2,4-Dinitrophenol
Concen: 64.76 ng
RT: 10.91 min Scan# 851
Delta R.T. -0.07 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Instrument :
BNA_F
ClientSampled :
SB-31SMS

Tgt Ion:184 Resp: 31430
Ion Ratio Lower Upper
184 100
63 59.7 98.8 148.2#
154 69.2 63.4 95.0

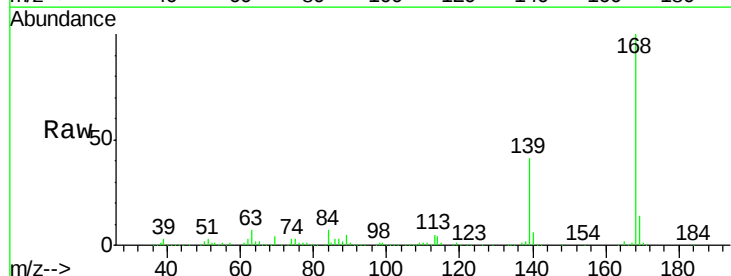


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

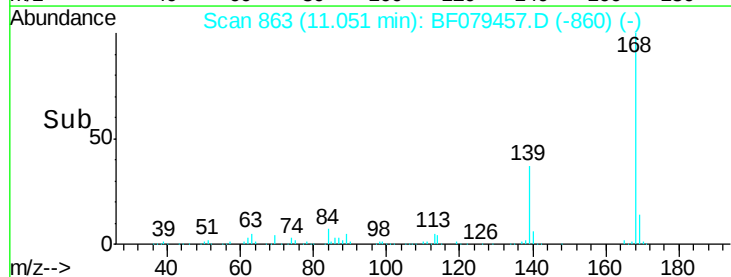
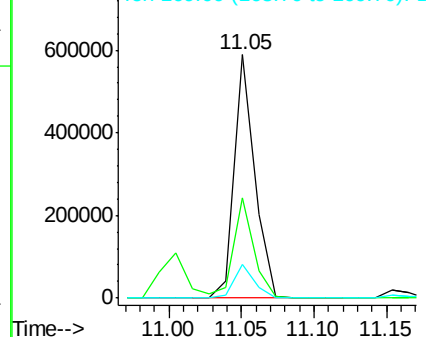


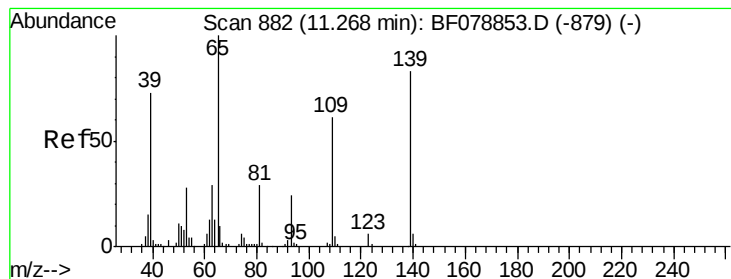
#54
Dibenzofuran
Concen: 71.99 ng
RT: 11.05 min Scan# 863
Delta R.T. -0.08 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Tgt Ion:168 Resp: 574781
Ion Ratio Lower Upper
168 100
139 41.2 31.5 47.3
169 13.7 11.0 16.4



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





#55

4-Nitrophenol

Concen: 108.75 ng

RT: 11.00 min Scan# 859

Delta R.T. -0.06 min

Lab File: BF079457.D

Acq: 23 May 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SB-31SMS

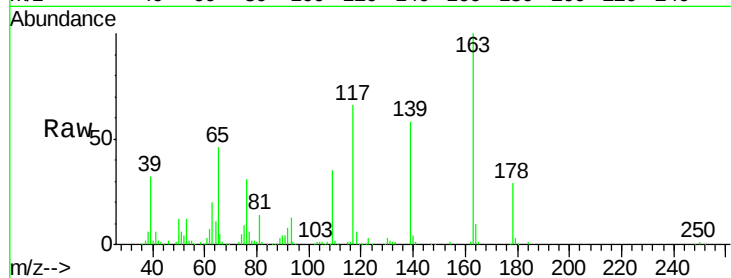
Tgt Ion:139 Resp: 141767

Ion Ratio Lower Upper

139 100

109 59.6 54.4 94.4

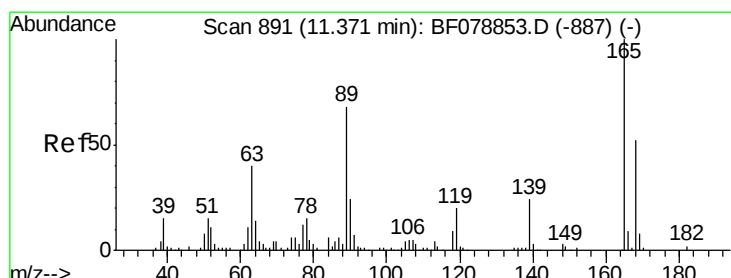
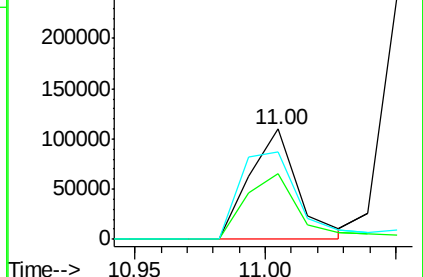
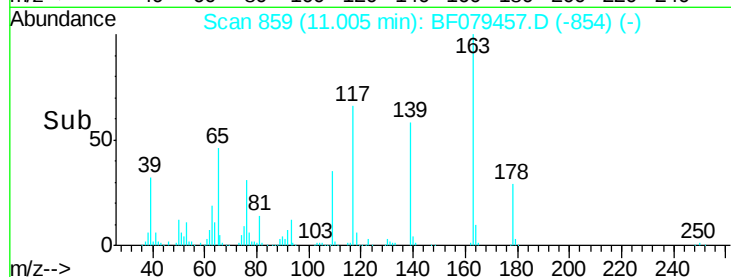
65 80.1 101.0 141.0#



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: 78.02 ng

RT: 11.06 min Scan# 864

Delta R.T. -0.08 min

Lab File: BF079457.D

Acq: 23 May 2015 5:31

Tgt Ion:165 Resp: 135997

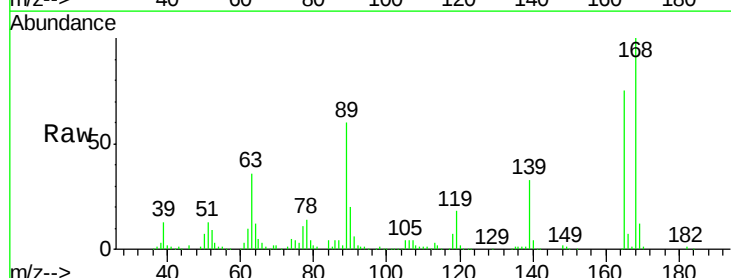
Ion Ratio Lower Upper

165 100

63 48.2 32.3 48.5

89 79.3 54.6 81.8

182 2.0 1.8 2.6

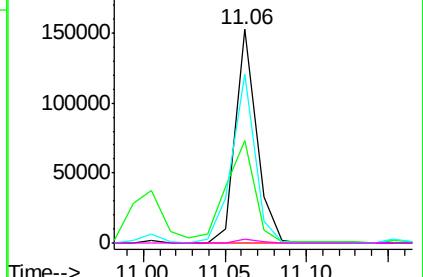
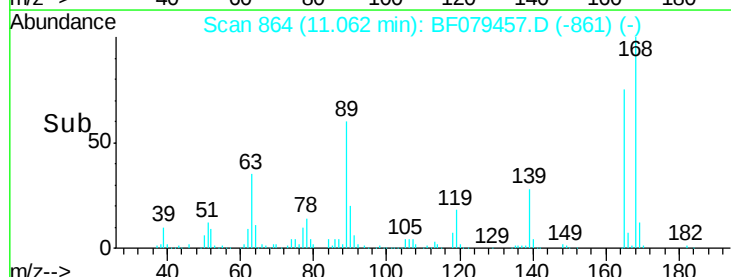


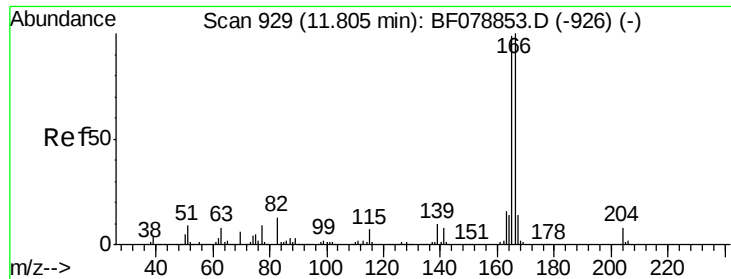
Abundance Ion 165.00 (164.70 to 165.70): E

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

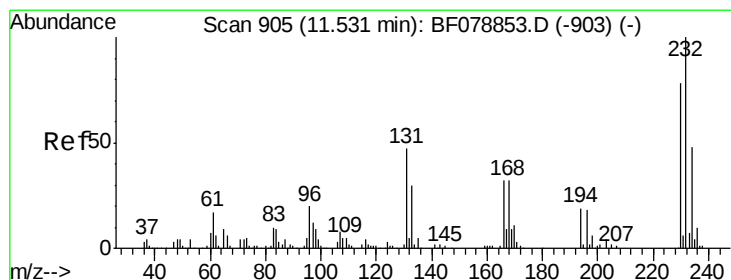
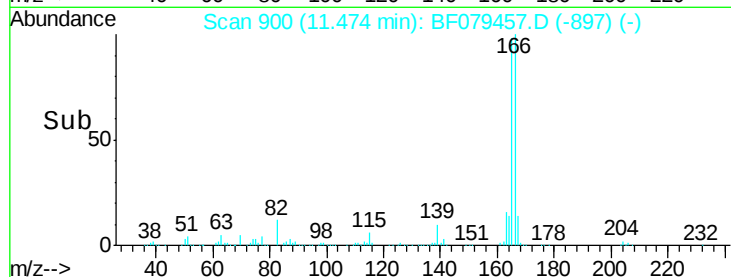
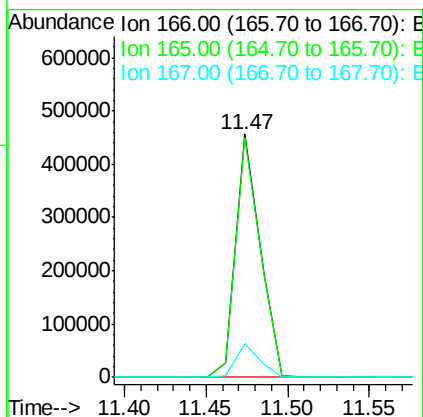
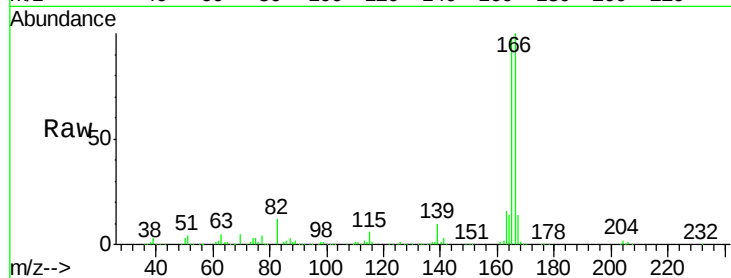




#57
Fluorene
 Concen: 71.75 ng
 RT: 11.47 min Scan# 900
 Delta R.T. -0.08 min
 Lab File: BF079457.D
 Acq: 23 May 2015 5:31

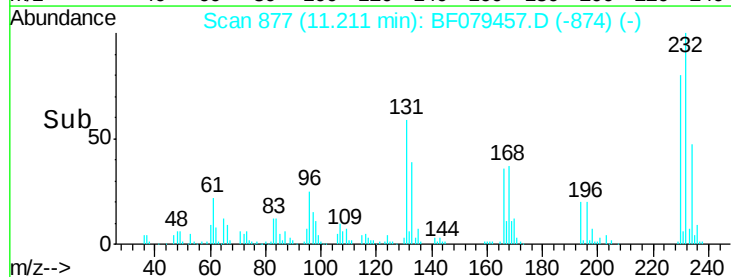
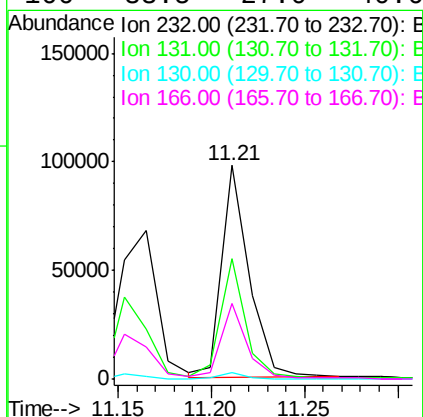
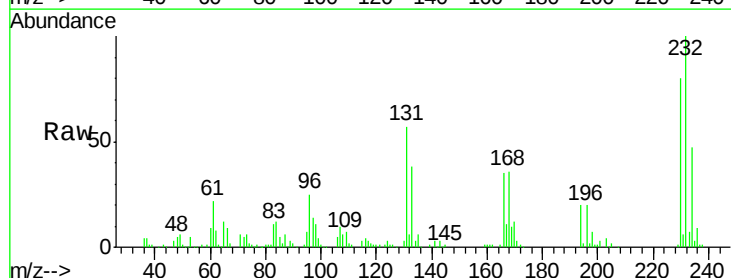
Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMS

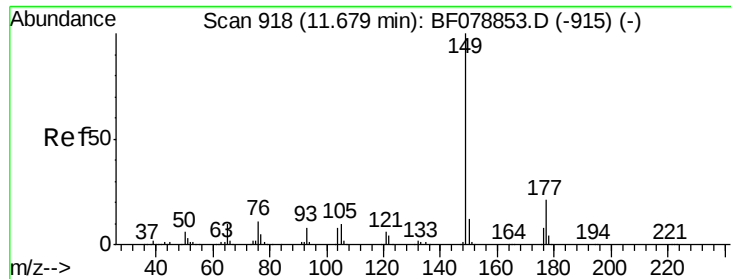
Tgt Ion:166 Resp: 470144
 Ion Ratio Lower Upper
 166 100
 165 98.4 79.5 119.3
 167 13.7 11.0 16.6



#58
2,3,4,6-Tetrachlorophenol
 Concen: 69.08 ng
 RT: 11.21 min Scan# 877
 Delta R.T. -0.08 min
 Lab File: BF079457.D
 Acq: 23 May 2015 5:31

Tgt Ion:232 Resp: 100597
 Ion Ratio Lower Upper
 232 100
 131 52.4 41.9 62.9
 130 2.8 1.9 2.9
 166 33.5 27.0 40.6

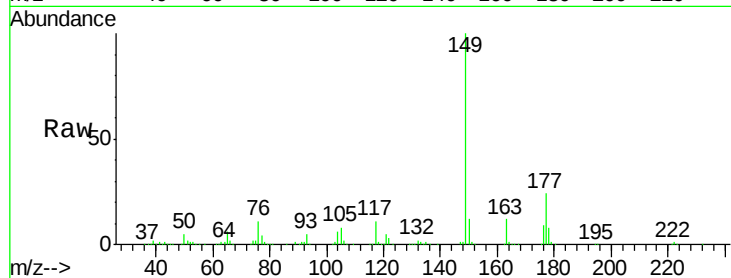




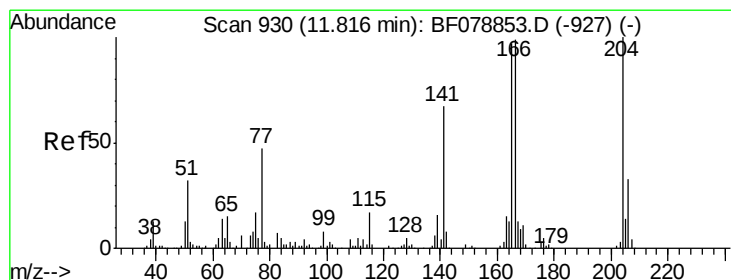
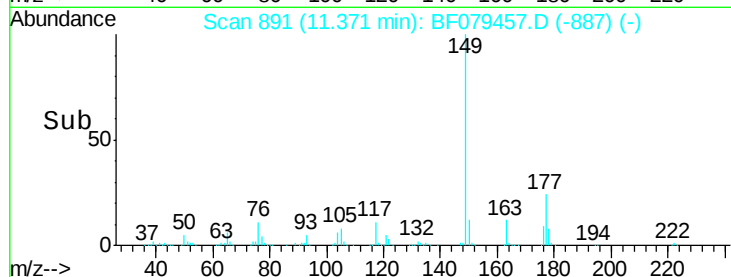
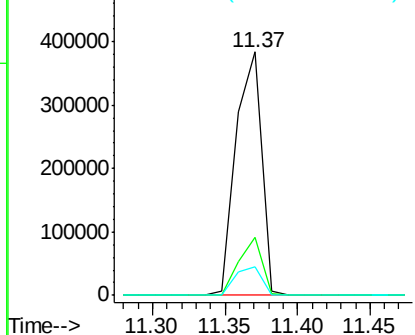
#59
Diethylphthalate
Concen: 71.36 ng
RT: 11.37 min Scan# 891
Delta R.T. -0.07 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Instrument :
BNA_F
ClientSampleId :
SB-31SMS

Tgt Ion:149 Resp: 472325
Ion Ratio Lower Upper
149 100
177 23.7 16.4 24.6
150 11.9 9.8 14.6

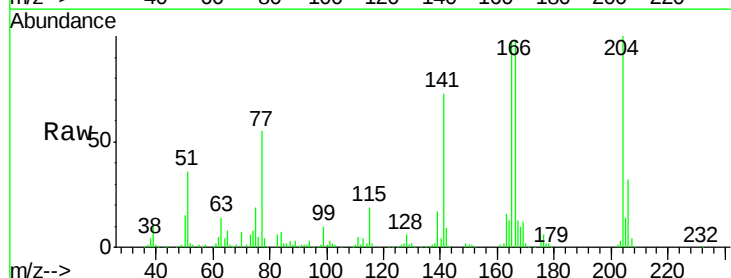


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

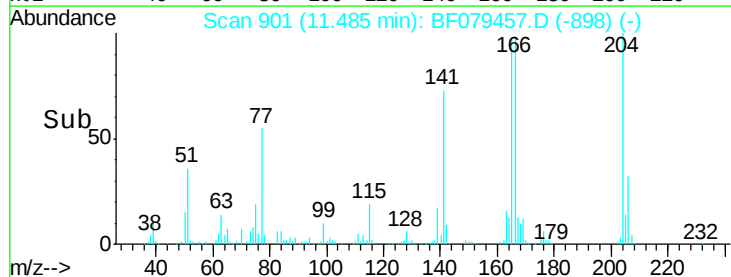
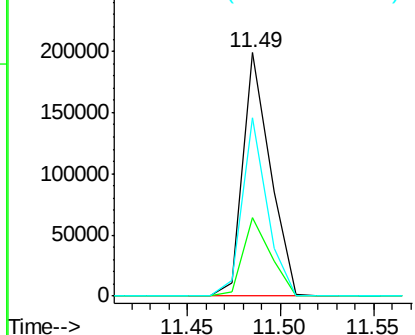


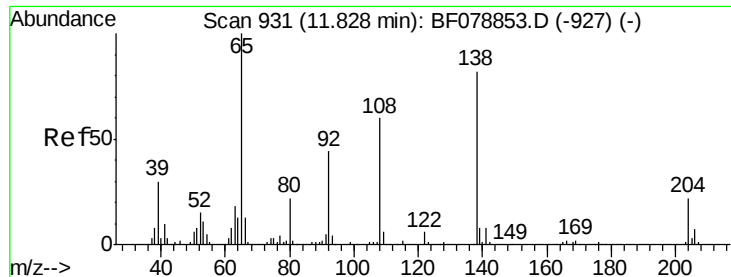
#60
4-Chlorophenyl-phenylether
Concen: 69.91 ng
RT: 11.49 min Scan# 901
Delta R.T. -0.08 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Tgt Ion:204 Resp: 203235
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.4
141 73.4 53.6 80.4



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

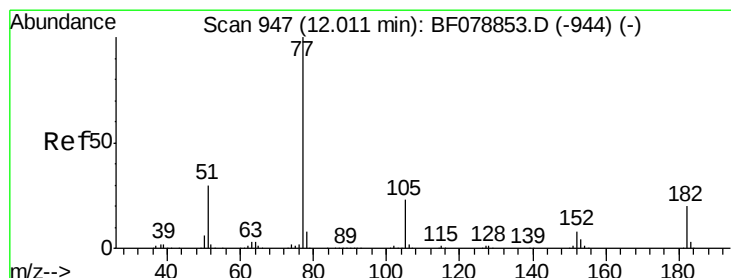
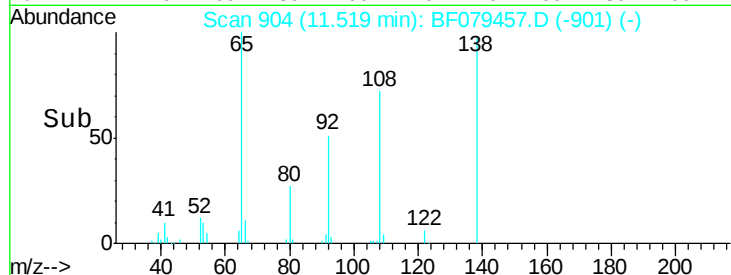
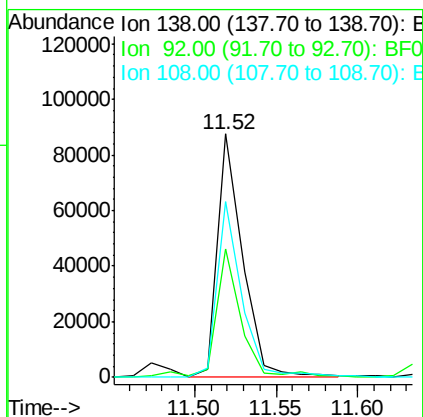
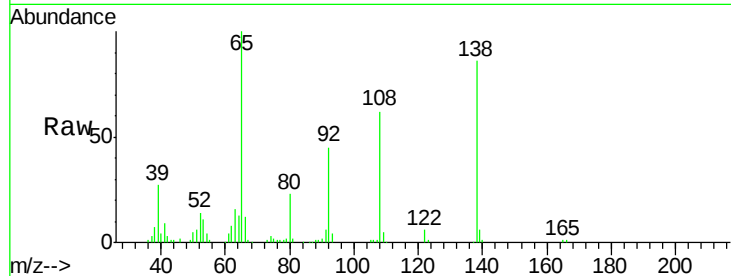




#61
4-Nitroaniline
Concen: 56.42 ng
RT: 11.52 min Scan# 904
Delta R.T. -0.08 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

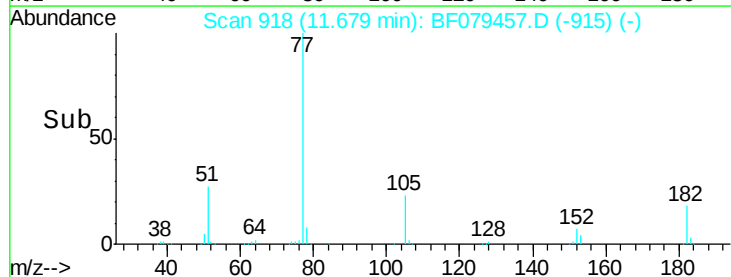
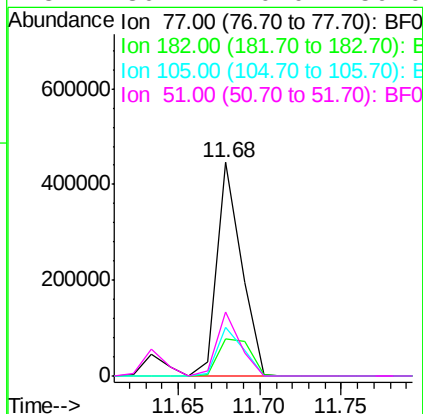
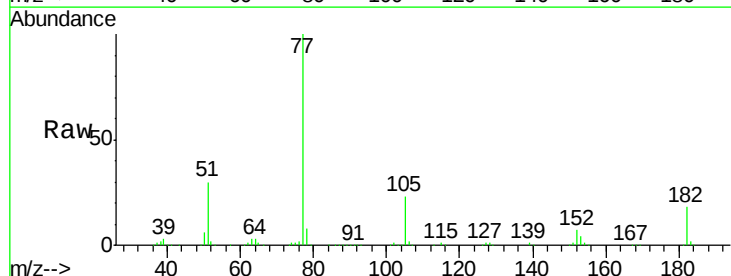
Instrument :
BNA_F
ClientSampleId :
SB-31SMS

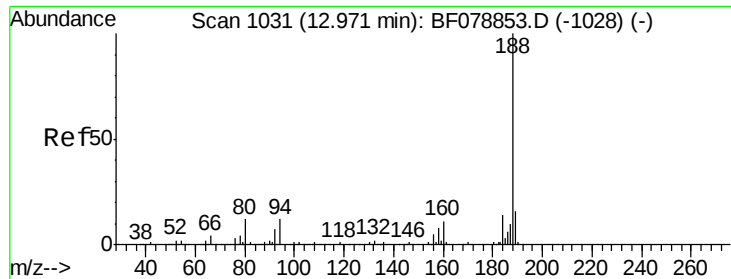
Tgt Ion:138 Resp: 92960
Ion Ratio Lower Upper
138 100
92 52.8 33.7 73.7
108 72.0 53.4 93.4



#62
Azobenzene
Concen: 70.89 ng
RT: 11.68 min Scan# 918
Delta R.T. -0.08 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Tgt Ion: 77 Resp: 462376
Ion Ratio Lower Upper
77 100
182 17.5 0.0 40.0
105 22.6 2.9 42.9
51 30.1 10.0 50.0

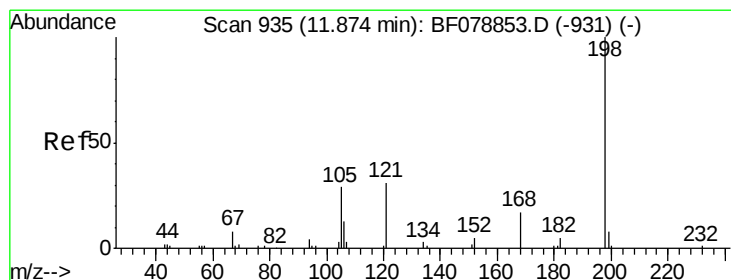
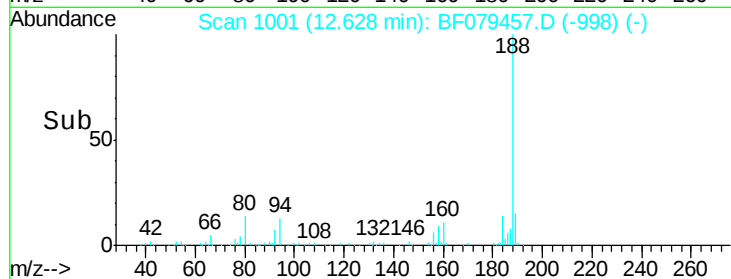
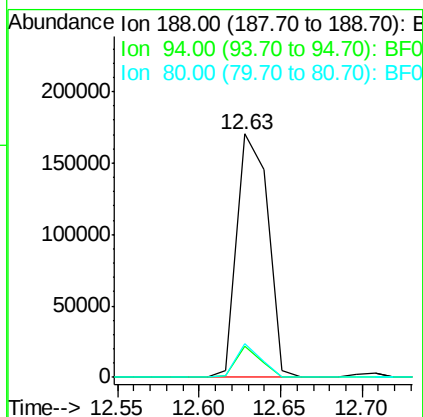
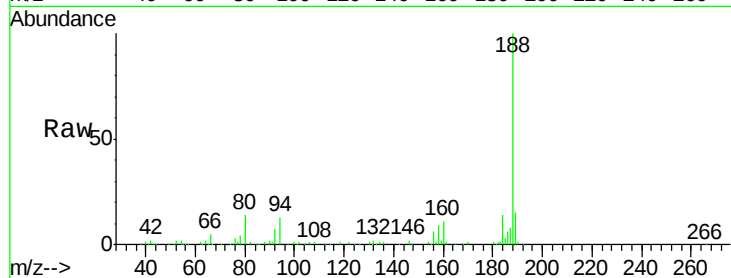




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.63 min Scan# 1001
Delta R.T. -0.09 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

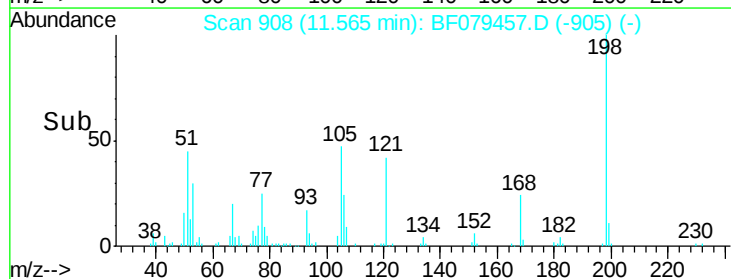
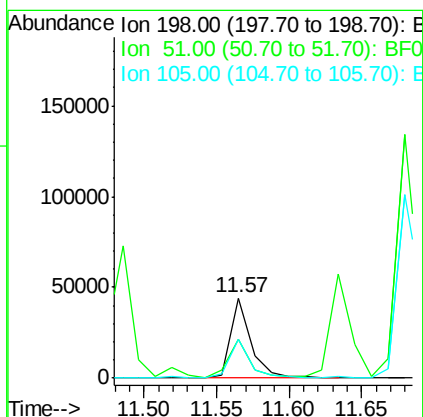
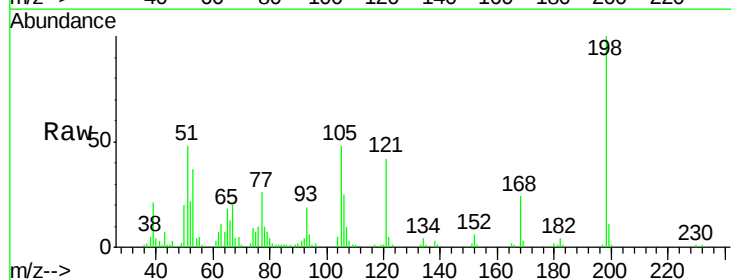
Instrument :
BNA_F
ClientSampleId :
SB-31SMS

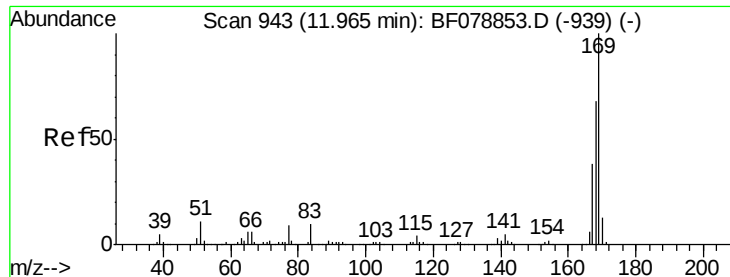
Tgt Ion:188 Resp: 223567
Ion Ratio Lower Upper
188 100
94 12.9 9.4 14.0
80 13.7 9.8 14.6



#64
4,6-Dinitro-2-methylphenol
Concen: 47.39 ng
RT: 11.57 min Scan# 908
Delta R.T. -0.08 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Tgt Ion:198 Resp: 43946
Ion Ratio Lower Upper
198 100
51 48.5 7.0 47.0#
105 48.0 13.7 53.7

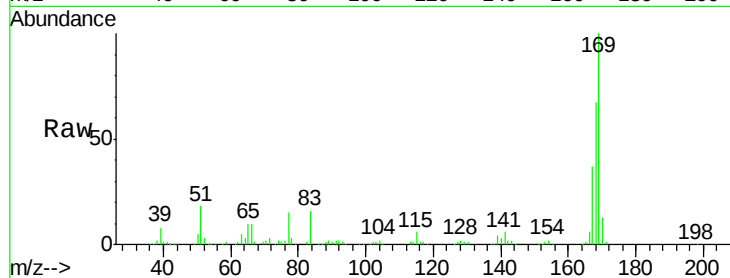




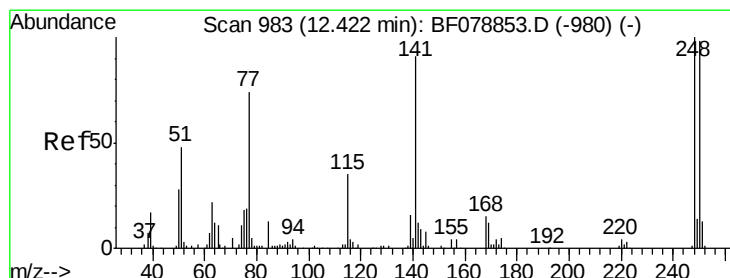
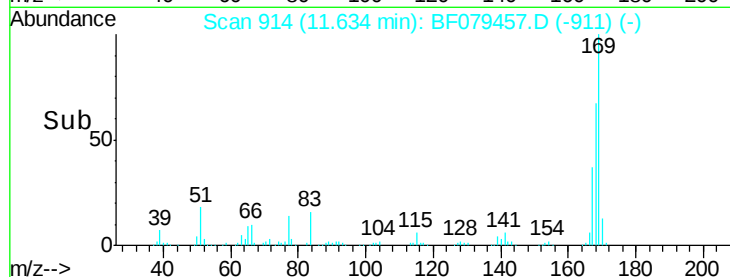
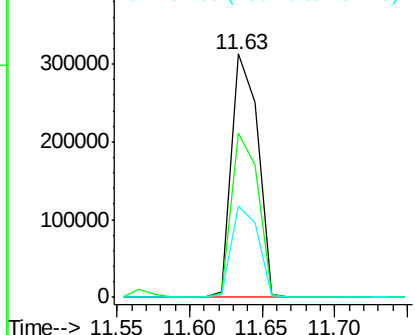
#65
 n-Nitrosodiphenylamine
 Concen: 53.30 ng
 RT: 11.63 min Scan# 914
 Delta R.T. -0.08 min
 Lab File: BF079457.D
 Acq: 23 May 2015 5:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMS

Tgt Ion:169 Resp: 396811
 Ion Ratio Lower Upper
 169 100
 168 67.4 54.1 81.1
 167 37.4 30.1 45.1

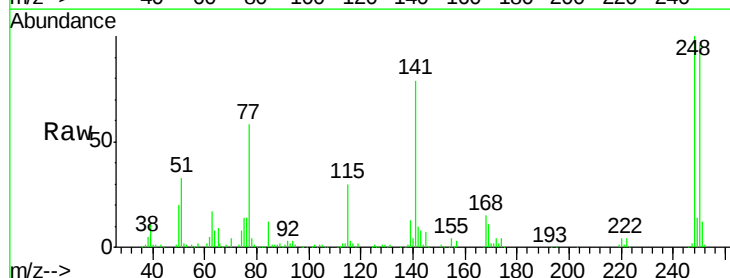


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

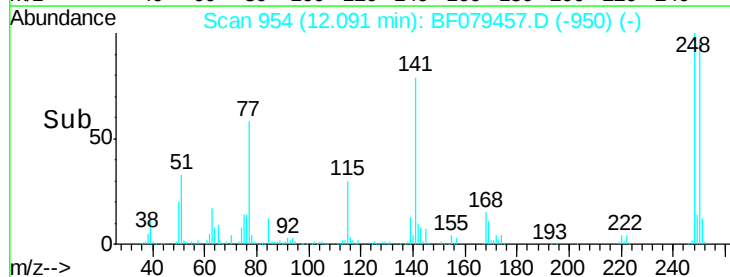
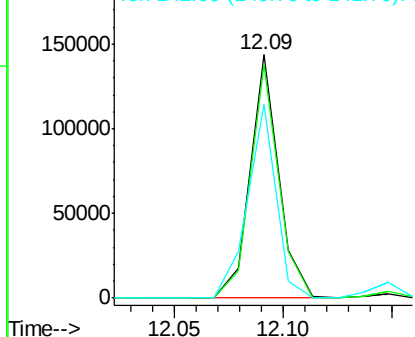


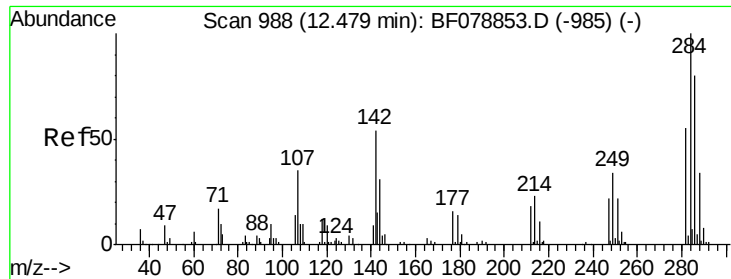
#66
 4-Bromophenyl-phenylether
 Concen: 56.14 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.08 min
 Lab File: BF079457.D
 Acq: 23 May 2015 5:31

Tgt Ion:248 Resp: 130835
 Ion Ratio Lower Upper
 248 100
 250 96.1 78.0 117.0
 141 79.3 72.6 109.0



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

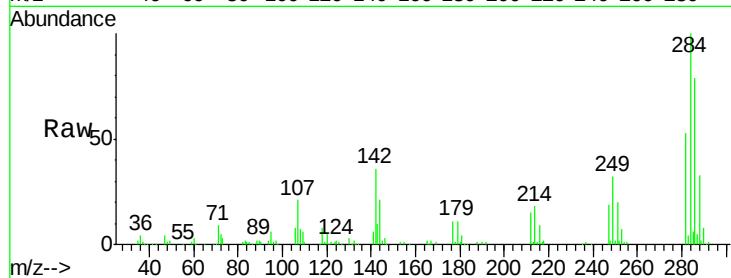




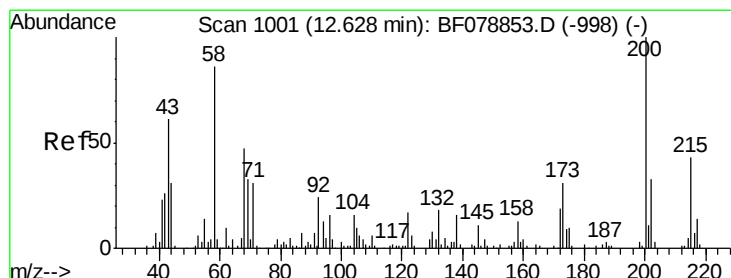
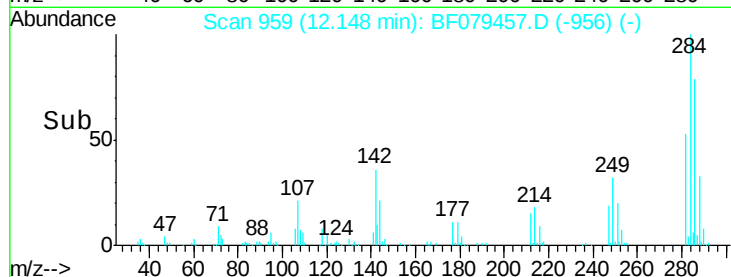
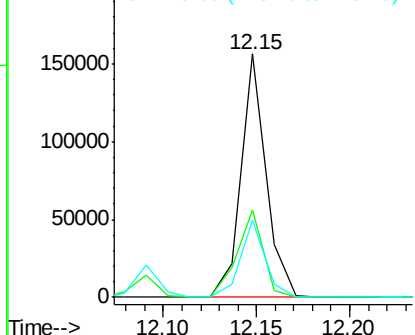
#67
Hexachlorobenzene
Concen: 54.75 ng
RT: 12.15 min Scan# 959
Delta R.T. -0.09 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Instrument :
BNA_F
ClientSampleId :
SB-31SMS

Tgt Ion: 284 Resp: 145813
Ion Ratio Lower Upper
284 100
142 36.0 43.2 64.8#
249 31.6 27.5 41.3

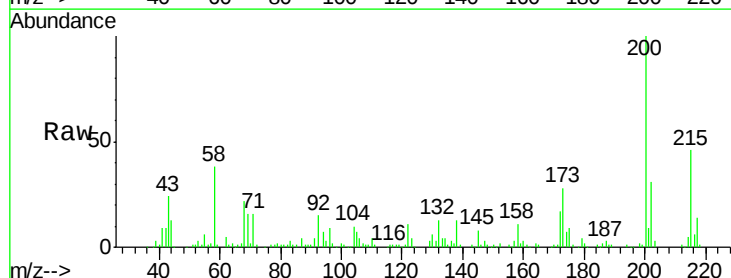


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68
Atrazine
Concen: 59.15 ng
RT: 12.32 min Scan# 974
Delta R.T. -0.08 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Tgt Ion: 200 Resp: 128073
Ion Ratio Lower Upper
200 100
173 27.6 10.9 50.9
215 45.8 23.2 63.2



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

