

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
 Data File : BF079696.D
 Acq On : 4 Jun 2015 9:18
 Operator : TP/IZ
 Sample : G2429-10
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 04 15:01:36 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 04 14:55:40 2015
 Response via : Initial Calibration

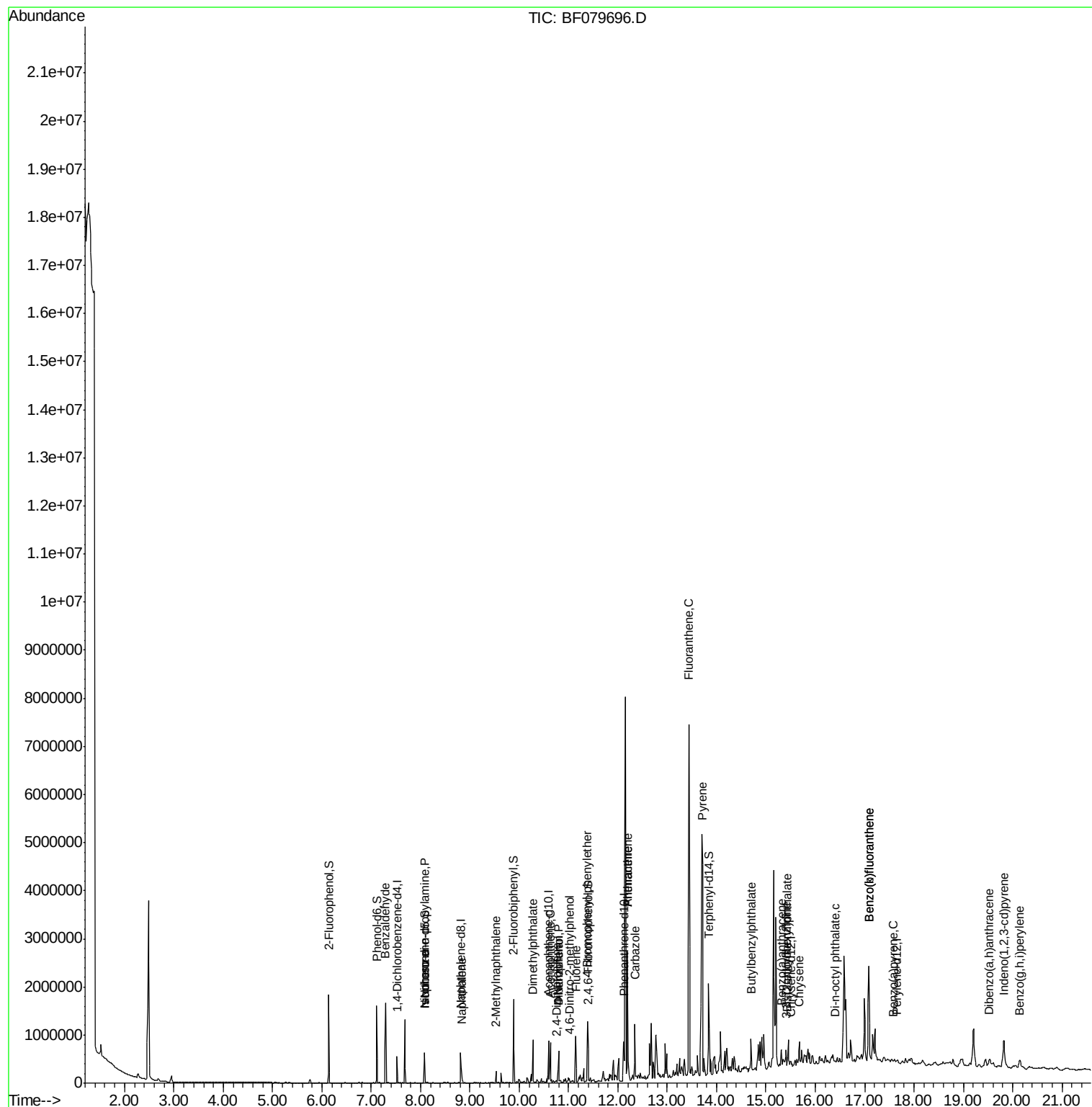
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	80231	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	301816	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	161108	20.00	ng	0.00
63) Phenanthrene-d10	12.11	188	307856	20.00	ng	-0.02
75) Chrysene-d12	15.51	240	13662	20.00	ng	0.13
86) Perylene-d12	17.66	264	6416	20.00	ng	0.17
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	427019	96.53	ng	0.00
7) Phenol-d6	7.11	99	538966	92.92	ng	0.00
23) Nitrobenzene-d5	8.08	82	266914	45.36	ng	0.00
41) 2,4,6-Tribromophenol	11.39	330	120354	90.51	ng	0.00
44) 2-Fluorobiphenyl	9.88	172	574858	42.86	ng	0.00
78) Terphenyl-d14	13.84	244	683109	1054.57	ng	-0.11
Target Compounds						Qvalue
9) Benzaldehyde	7.29	77	9813	2.91	ng	92
19) n-Nitroso-di-n-propylamine	8.08	70	34417	8.65	ng	# 80
25) Isophorone	8.08	82	265697	25.83	ng	# 65
31) Naphthalene	8.83	128	123702	7.84	ng	99
32) Benzoic acid	8.43	122	726	Below	Cal	# 24
37) 2-Methylnaphthalene	9.53	142	57022	5.42	ng	98
49) Dimethylphthalate	10.27	163	307771	26.07	ng	99
51) Acenaphthene	10.63	154	190647	19.50	ng	99
54) Dibenzofuran	10.80	168	275766	19.43	ng	97
55) 4-Nitrophenol	10.80	139	98360	52.72	ng	# 20
56) 2,4-Dinitrotoluene	10.75	165	2205	3.41	ng	# 53
57) Fluorene	11.14	166	268691	23.17	ng	100
64) 4,6-Dinitro-2-methylphenol	11.02	198	4445	12.14	ng	# 36
66) 4-Bromophenyl-phenylether	11.38	248	8515	2.76	ng	# 1
70) Phenanthrene	12.19	178	998628	58.67	ng	99
71) Anthracene	12.19	178	998628	58.31	ng	99
72) Carbazole	12.34	167	429906	27.34	ng	98
74) Fluoranthene	13.44	202	3532580	192.48	ng	95
77) Pyrene	13.71	202	3138414	3989.70	ng	97
79) Butylbenzylphthalate	14.70	149	3038	13.90	ng	# 72
80) Benzo(a)anthracene	15.31	228	148505	198.77	ng	# 62
81) 3,3'-Dichlorobenzidine	15.42	252	730	3.27	ng	# 54
82) Chrysene	15.67	228	7174	9.54	ng	# 1
83) Bis(2-ethylhexyl)phthalate	15.44	149	3186	9.85	ng	# 80
84) Di-n-octyl phthalate	16.40	149	1490	4.39	ng	# 72
85) Indeno(1,2,3-cd)pyrene	19.83	276	642507	874.06	ng	95
87) Benzo(b)fluoranthene	17.09	252	1245242	3755.80	ng	99
88) Benzo(k)fluoranthene	17.09	252	1245242	3205.66	ng	# 96
89) Benzo(a)pyrene	17.59	252	5997	18.50	ng	# 1
90) Dibenzo(a,h)anthracene	19.53	278	146566	482.49	ng	94
91) Benzo(g,h,i)perylene	20.15	276	161754	502.05	ng	92

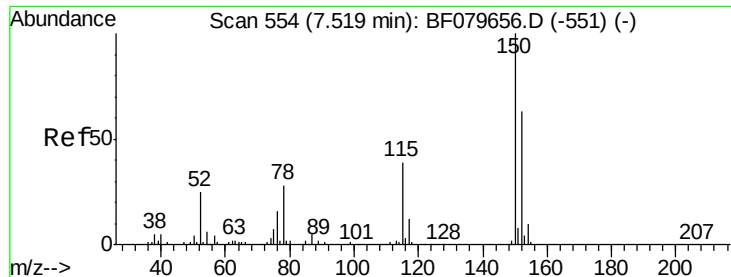
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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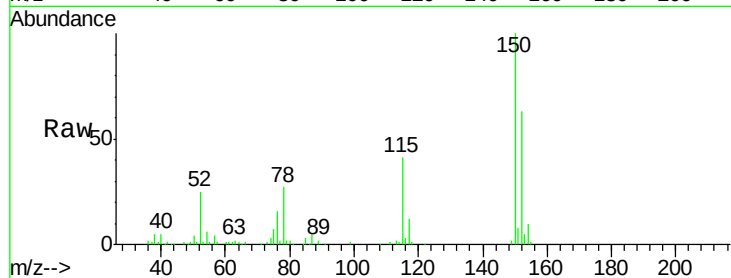


#1

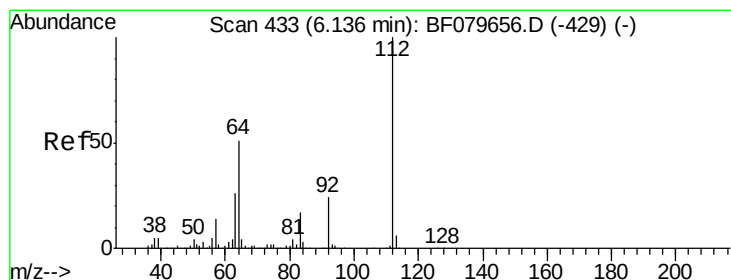
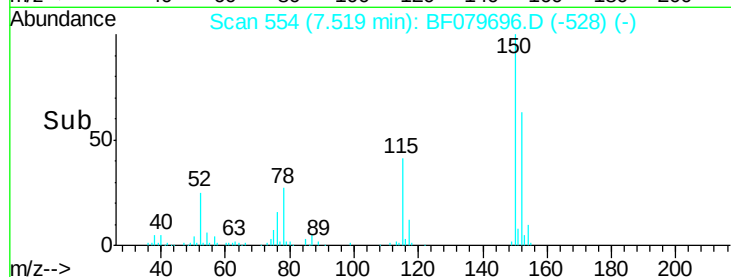
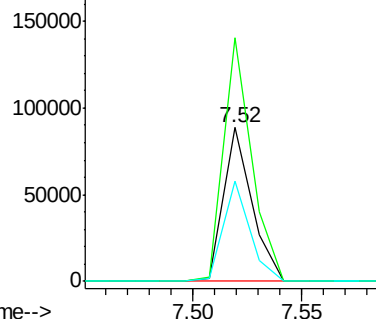
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF079696.D
Acq: 4 Jun 2015 9:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.7	190.1
115	65.0	49.2	73.8



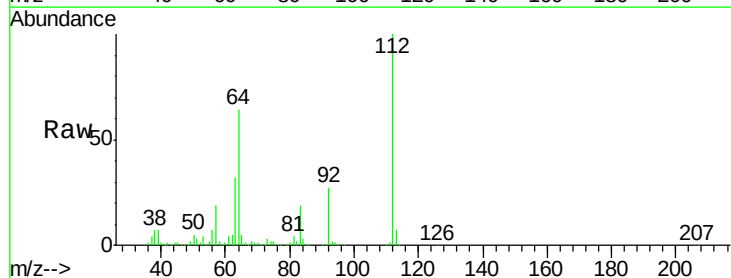
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



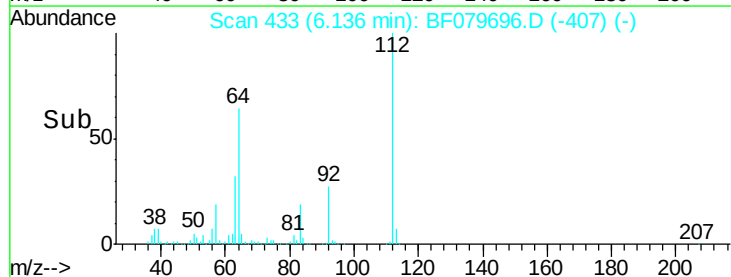
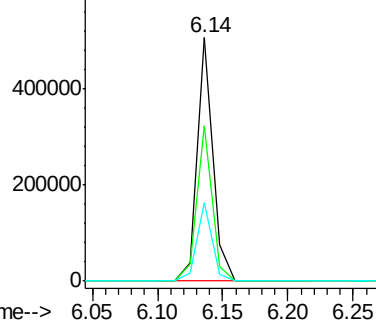
#5

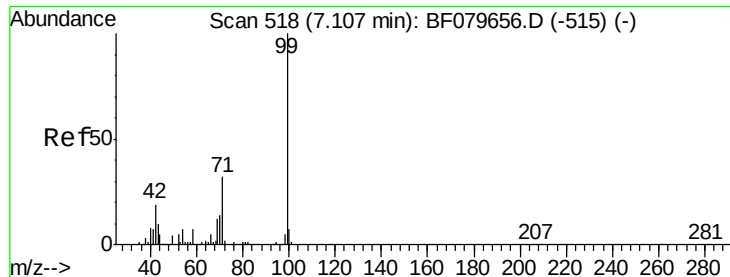
2-Fluorophenol
Concen: 96.53 ng
RT: 6.14 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF079696.D
Acq: 4 Jun 2015 9:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	41.1	61.7#
63	32.1	20.5	30.7#



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: 92.92 ng

RT: 7.11 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF079696.D

Acq: 4 Jun 2015 9:18

Instrument :

BNA_F

ClientSampleId :

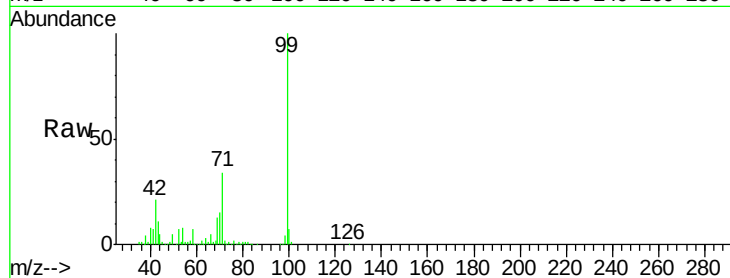
Tot Ion: 99 Resp: 538966

Ion Ratio Lower Upper

99 100

42 21.0 15.2 22.8

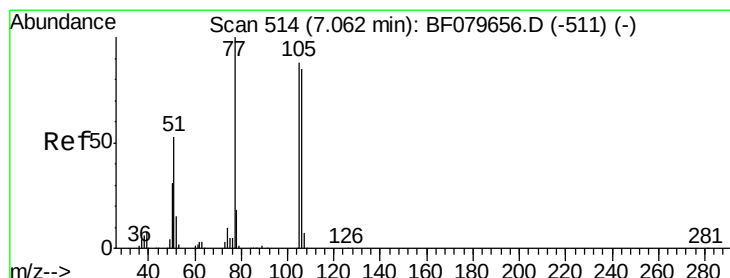
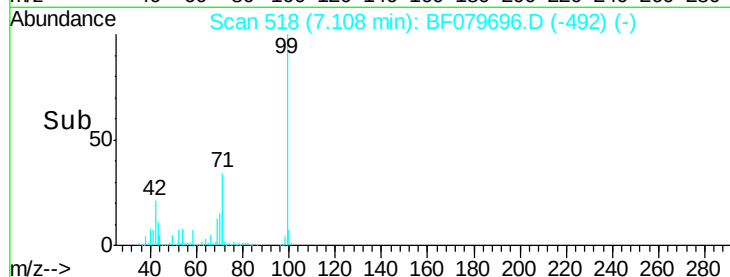
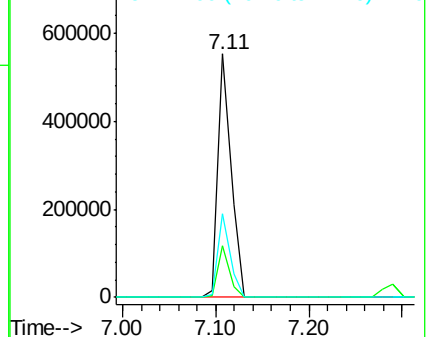
71 34.4 25.9 38.9



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



#9

Benzaldehyde

Concen: 2.91 ng

RT: 7.29 min Scan# 534

Delta R.T. 0.23 min

Lab File: BF079696.D

Acq: 4 Jun 2015 9:18

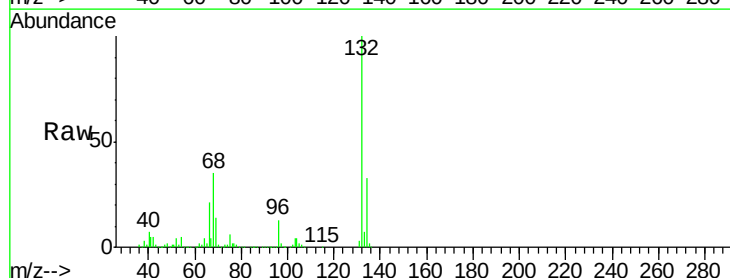
Tgt Ion: 77 Resp: 9813

Ion Ratio Lower Upper

77 100

105 83.6 68.2 108.2

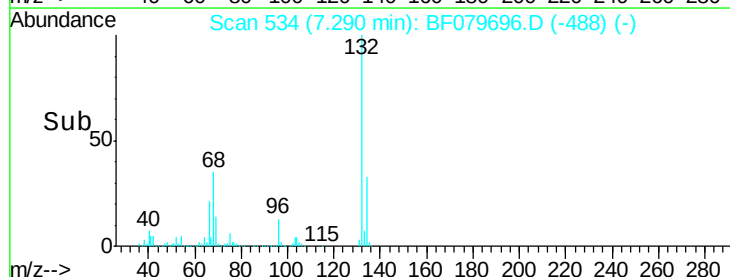
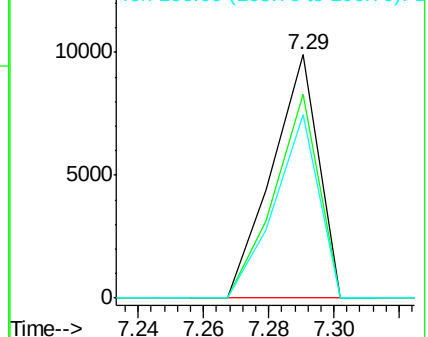
106 75.6 64.9 104.9

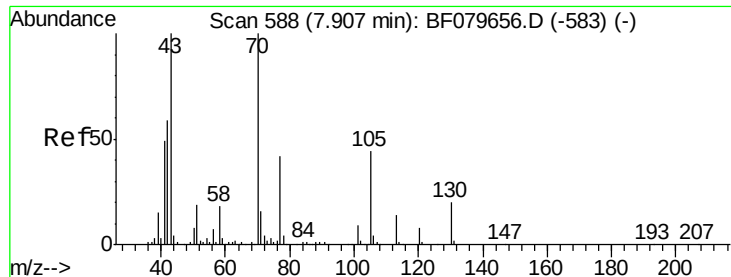


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

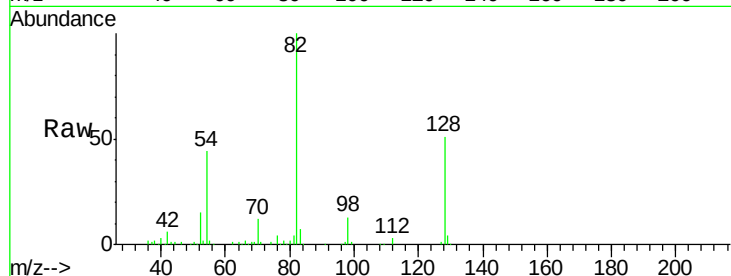




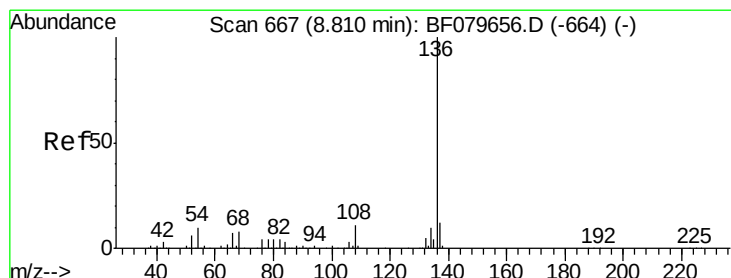
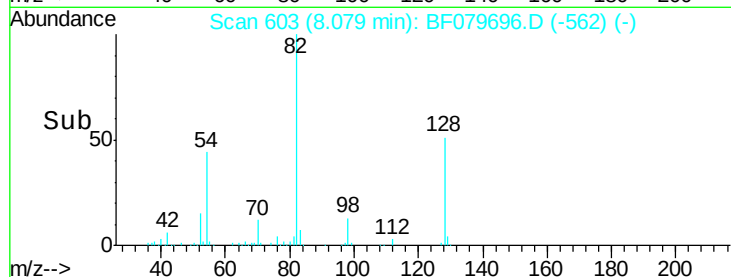
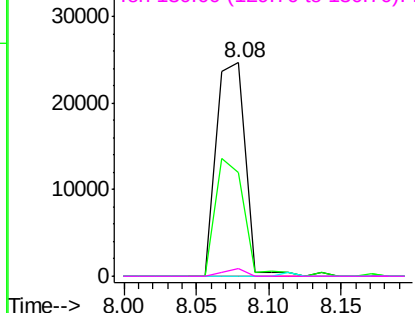
#19
n-Nitroso-di-n-propylamine
Concen: 8.65 ng
RT: 8.08 min Scan# 603
Delta R.T. 0.17 min
Lab File: BF079696.D
Acq: 4 Jun 2015 9:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 34417
Ion Ratio Lower Upper
70 100
42 48.9 47.7 71.5
101 0.0 7.4 11.0#
130 3.6 15.8 23.8#

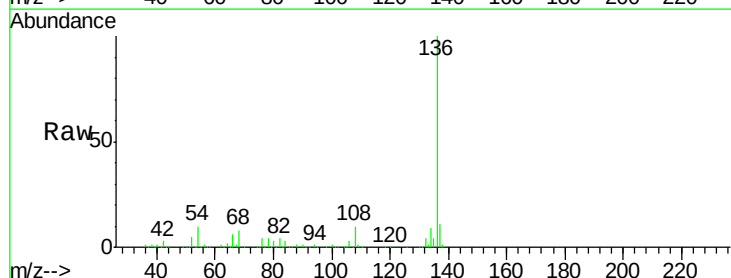


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

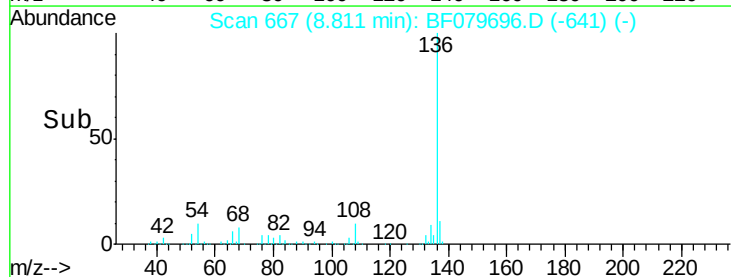
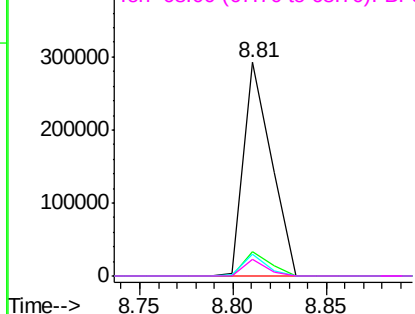


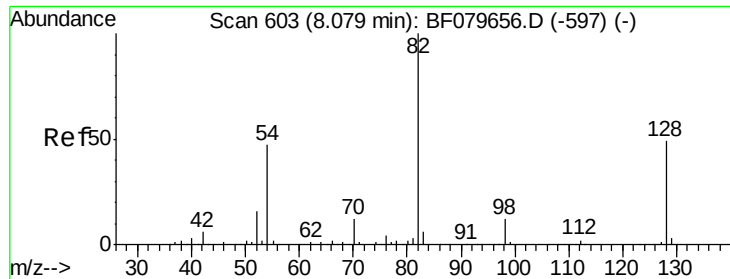
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.81 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF079696.D
Acq: 4 Jun 2015 9:18

Tgt Ion:136 Resp: 301816
Ion Ratio Lower Upper
136 100
137 11.3 9.3 13.9
54 10.2 8.3 12.5
68 7.7 6.1 9.1



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

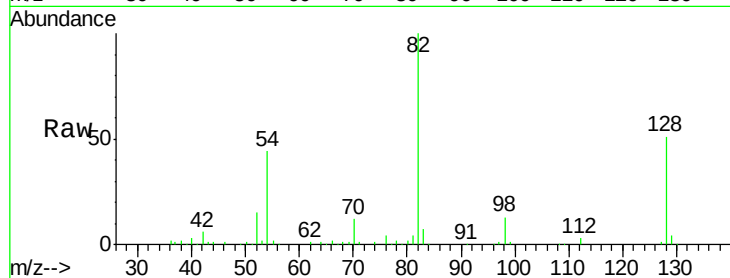




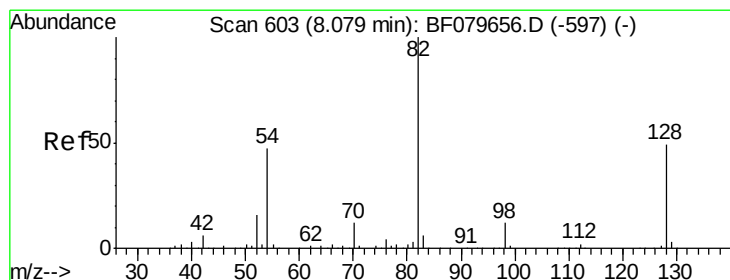
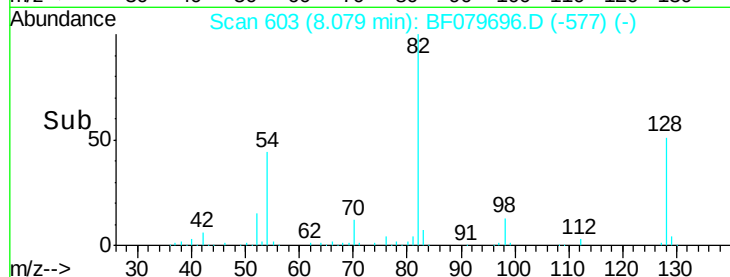
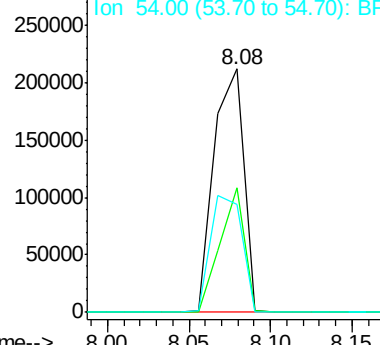
#23
 Nitrobenzene-d5
 Concen: 45.36 ng
 RT: 8.08 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF079696.D
 Acq: 4 Jun 2015 9:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 266914
 Ion Ratio Lower Upper
 82 100
 128 51.3 39.4 59.0
 54 44.4 37.4 56.0

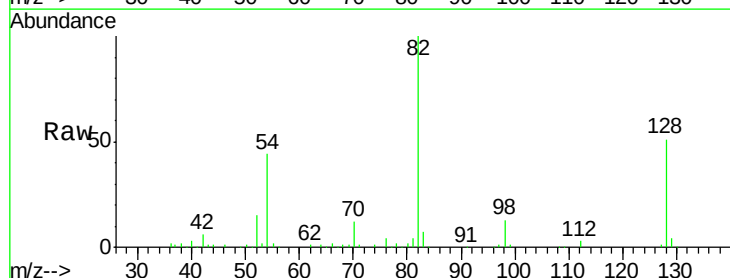


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

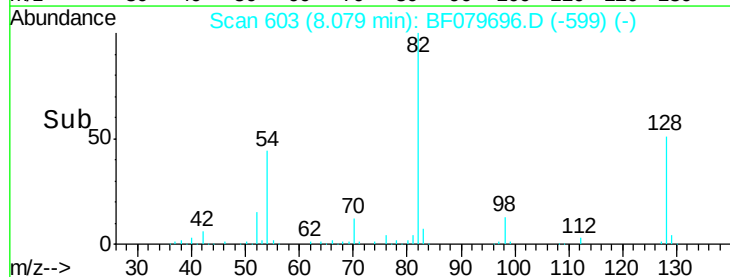
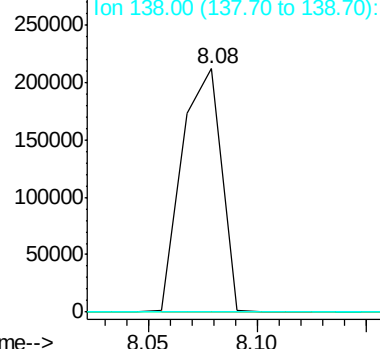


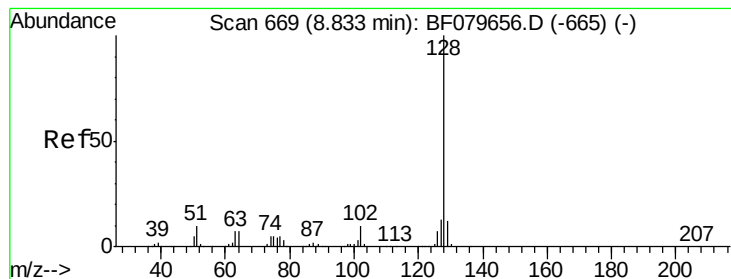
#25
 Isophorone
 Concen: 25.83 ng
 RT: 8.08 min Scan# 603
 Delta R.T. -0.25 min
 Lab File: BF079696.D
 Acq: 4 Jun 2015 9:18

Tgt Ion: 82 Resp: 265697
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 14.4 21.6#



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





#31

Naphthalene

Concen: 7.84 ng

RT: 8.83 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF079696.D

Acq: 4 Jun 2015 9:18

Instrument :

BNA_F

ClientSampleId :

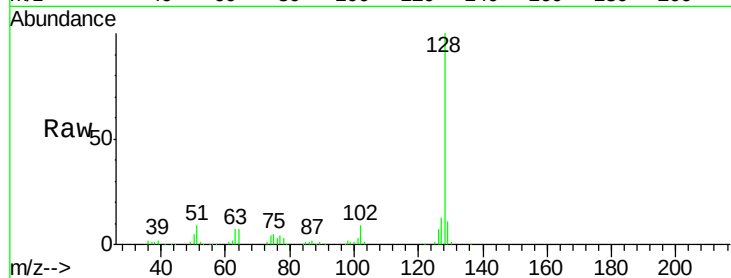
Tot Ion:128 Resp: 123702

Ion Ratio Lower Upper

128 100

129 10.7 9.3 13.9

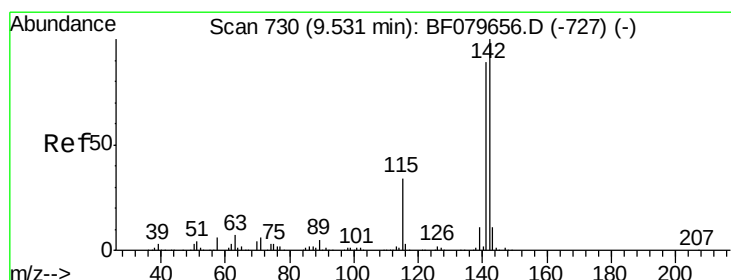
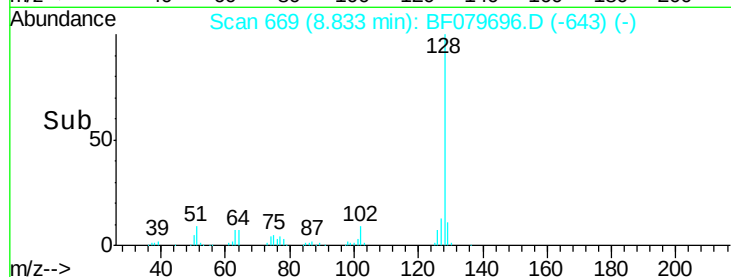
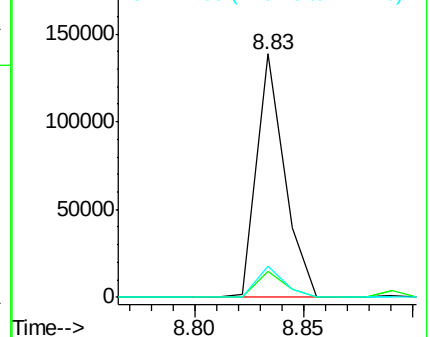
127 13.0 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 5.42 ng

RT: 9.53 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF079696.D

Acq: 4 Jun 2015 9:18

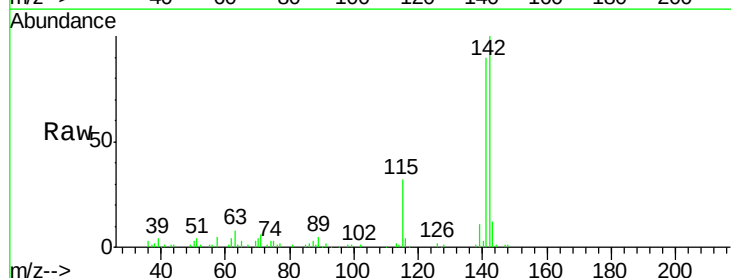
Tgt Ion:142 Resp: 57022

Ion Ratio Lower Upper

142 100

141 90.5 71.4 107.0

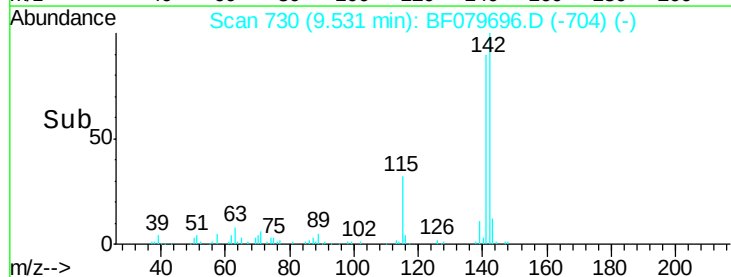
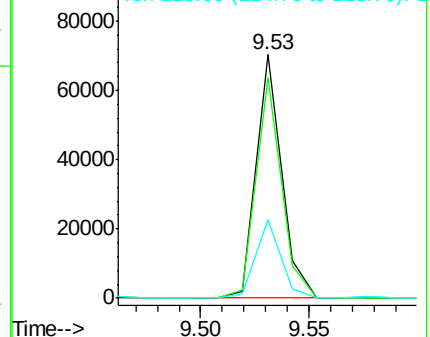
115 32.2 27.3 40.9

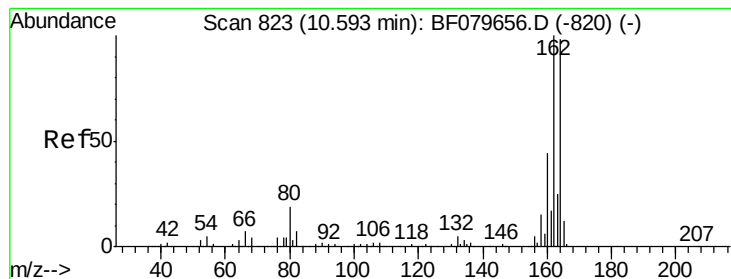


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.59 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF079696.D

Acq: 4 Jun 2015 9:18

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ClientSampleId :

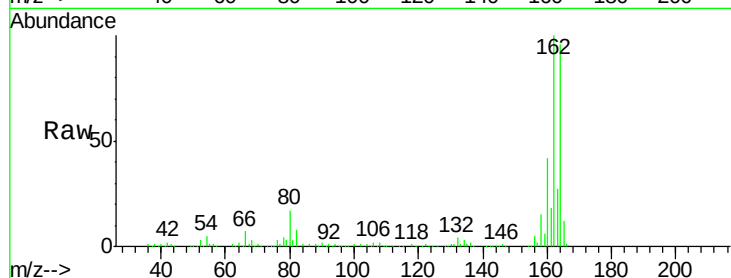
Tot Ion:164 Resp: 161108

Ion Ratio Lower Upper

164 100

162 104.6 82.0 123.0

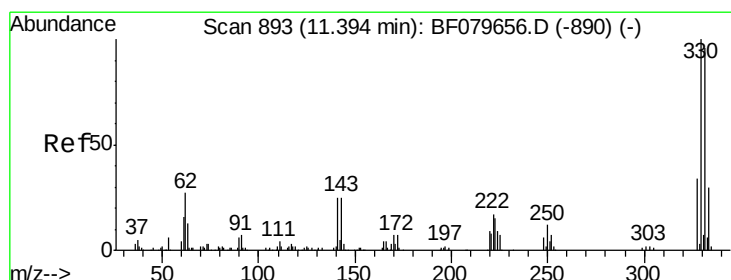
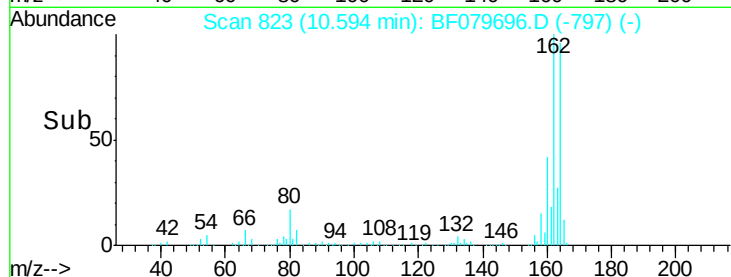
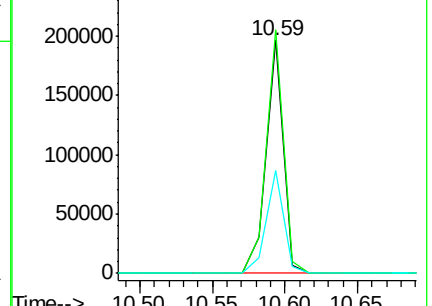
160 44.4 35.9 53.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 90.51 ng

RT: 11.39 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF079696.D

Acq: 4 Jun 2015 9:18

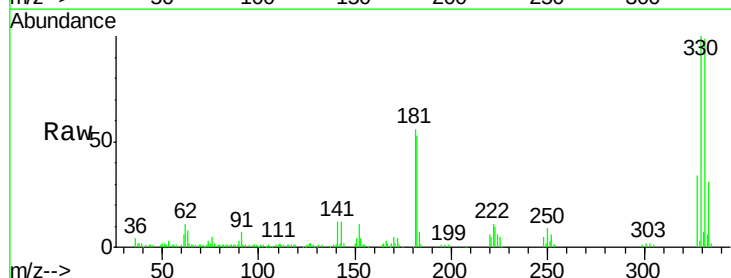
Tgt Ion:330 Resp: 120354

Ion Ratio Lower Upper

330 100

332 98.6 77.3 115.9

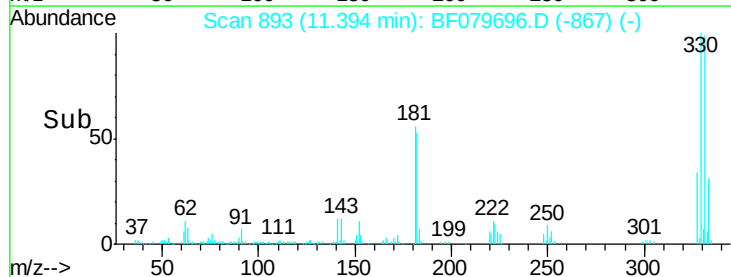
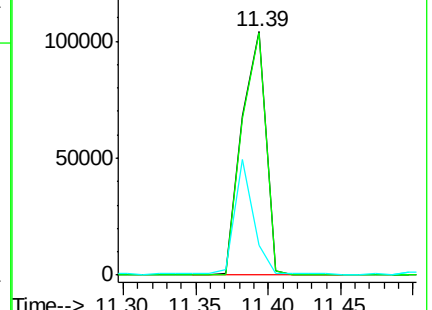
141 39.1 27.4 41.2

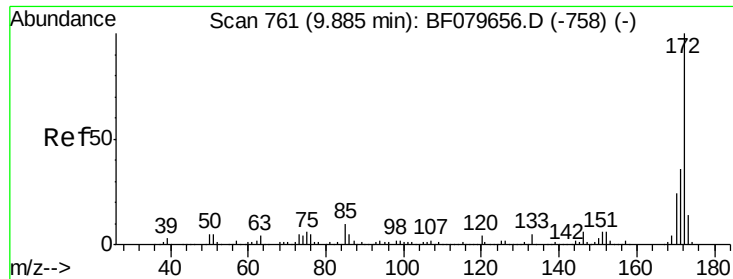


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

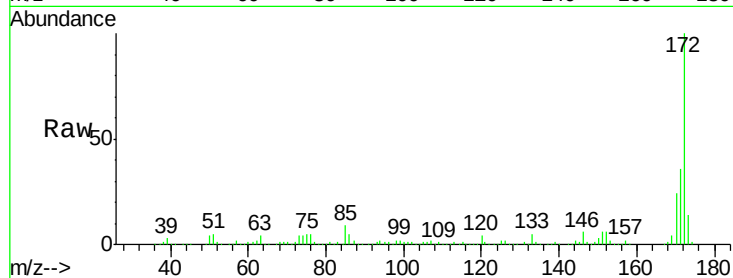




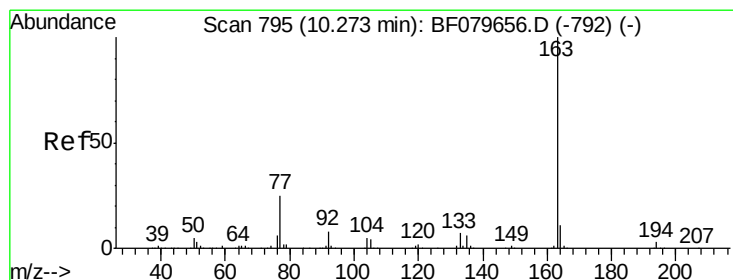
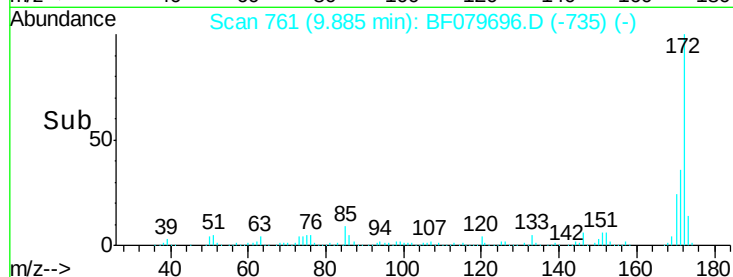
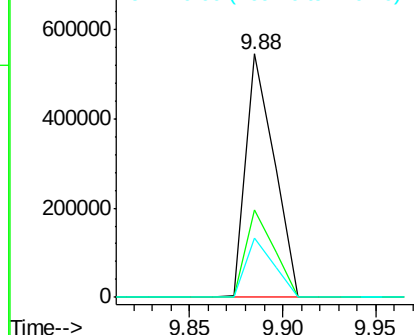
#44
2-Fluorobiphenyl
Concen: 42.86 ng
RT: 9.88 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF079696.D
Acq: 4 Jun 2015 9:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 574858
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.2 19.2 28.8

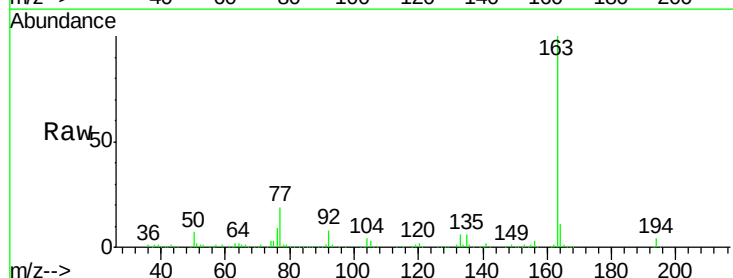


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

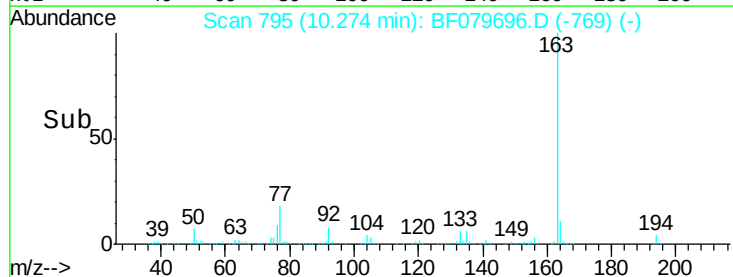
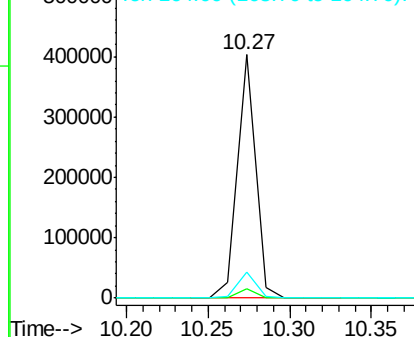


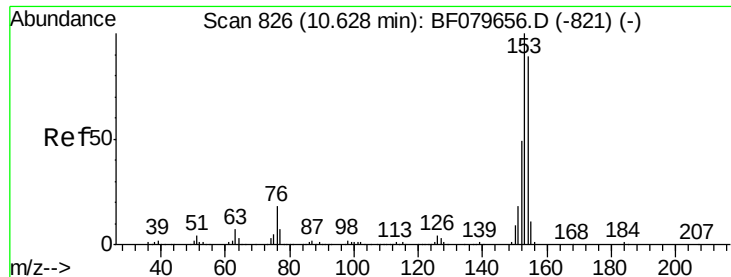
#49
Dimethylphthalate
Concen: 26.07 ng
RT: 10.27 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF079696.D
Acq: 4 Jun 2015 9:18

Tgt Ion:163 Resp: 307771
Ion Ratio Lower Upper
163 100
194 3.7 2.6 3.8
164 10.8 8.6 12.8



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





#51

Acenaphthene

Concen: 19.50 ng

RT: 10.63 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF079696.D

Acq: 4 Jun 2015 9:18

Instrument :

BNA_F

ClientSampleId :

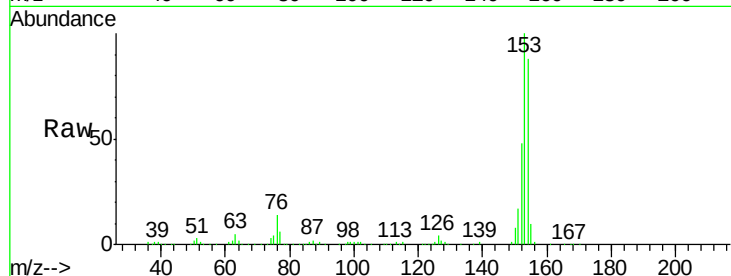
Tot Ion:154 Resp: 190647

Ion Ratio Lower Upper

154 100

153 114.2 89.8 134.6

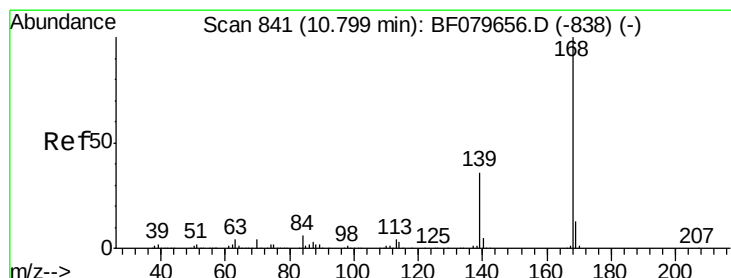
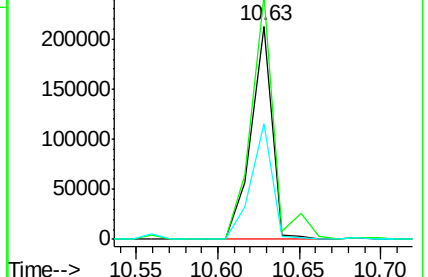
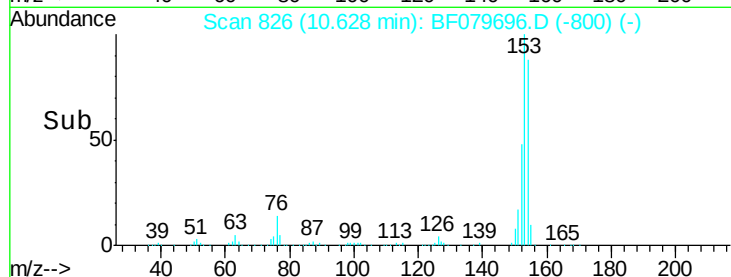
152 54.4 43.8 65.8



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



#54

Dibenzofuran

Concen: 19.43 ng

RT: 10.80 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF079696.D

Acq: 4 Jun 2015 9:18

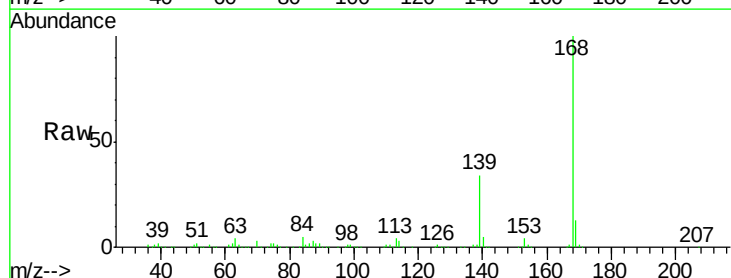
Tgt Ion:168 Resp: 275766

Ion Ratio Lower Upper

168 100

139 34.3 29.1 43.7

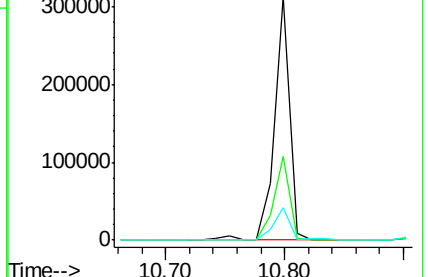
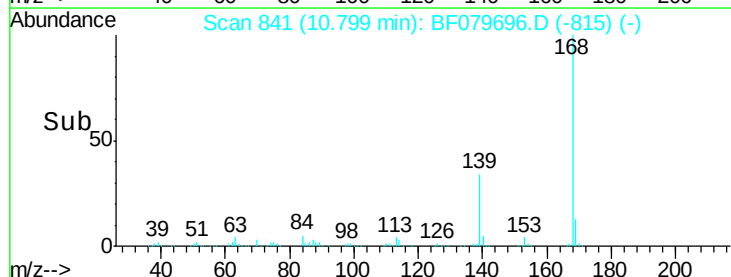
169 13.1 10.7 16.1

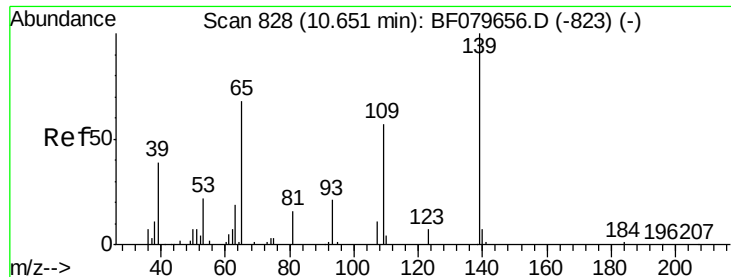


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

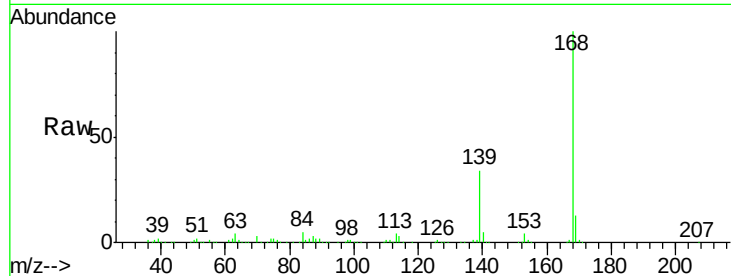




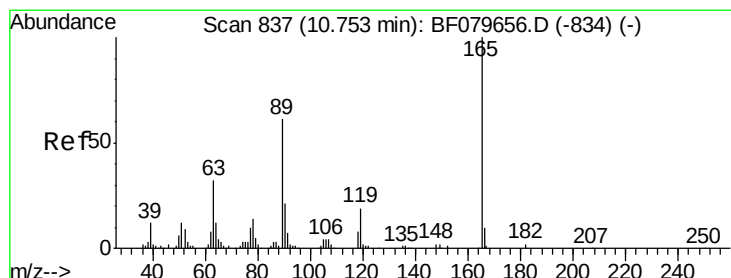
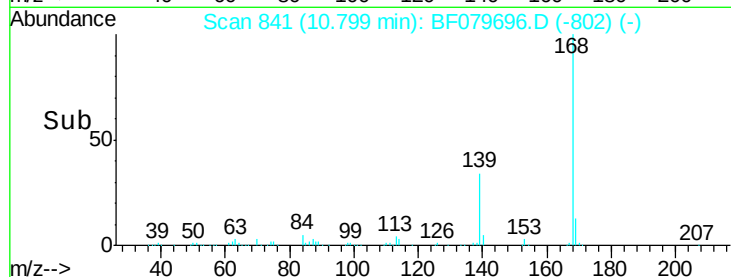
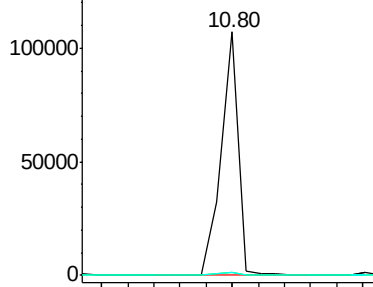
#55
4-Nitrophenol
Concen: 52.72 ng
RT: 10.80 min Scan# 841
Delta R.T. 0.15 min
Lab File: BF079696.D
Acq: 4 Jun 2015 9:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	1.1	37.1	77.1#
65	1.3	49.2	89.2#



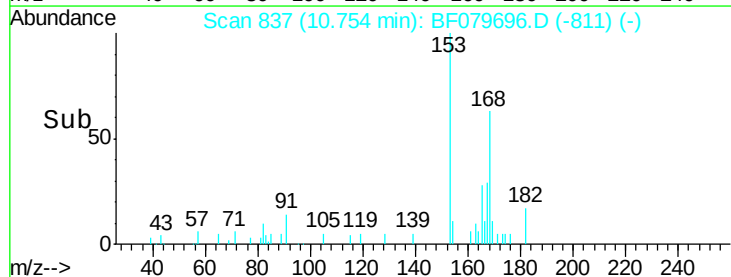
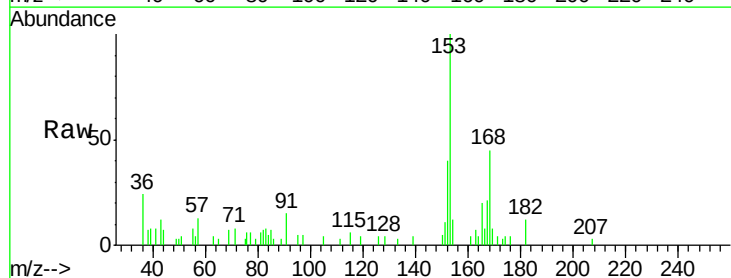
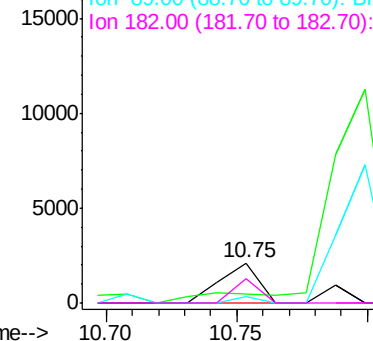
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

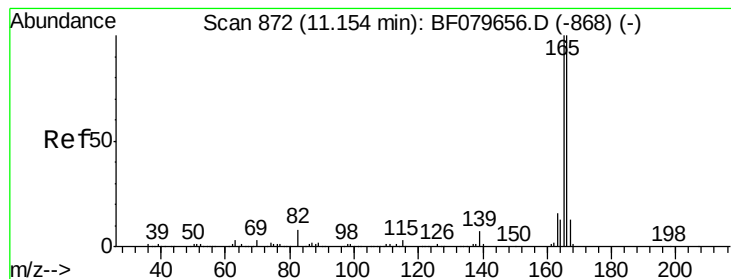


#56
2,4-Dinitrotoluene
Concen: 3.41 ng
RT: 10.75 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF079696.D
Acq: 4 Jun 2015 9:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	22.3	25.5	38.3#
89	16.2	48.5	72.7#
182	61.8	1.9	2.9#

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: 23.17 ng

RT: 11.14 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF079696.D

Acq: 4 Jun 2015 9:18

Instrument :

BNA_F

ClientSampleId :

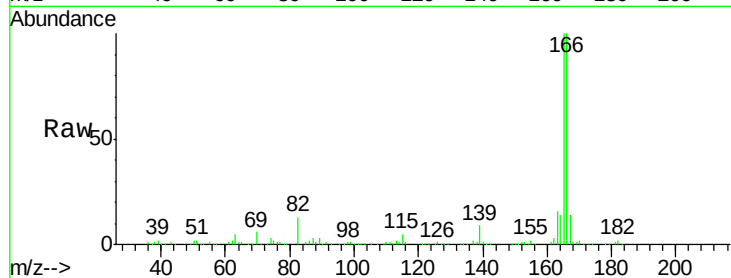
Tot Ion:166 Resp: 268691

Ion Ratio Lower Upper

166 100

165 99.5 79.8 119.6

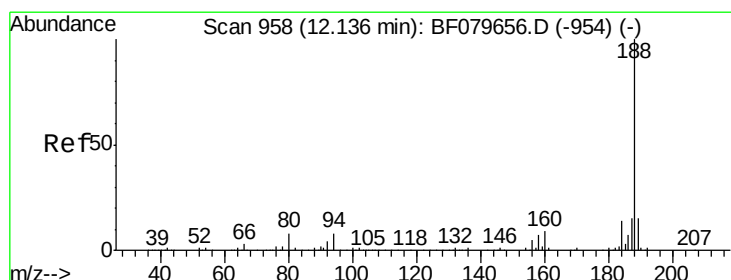
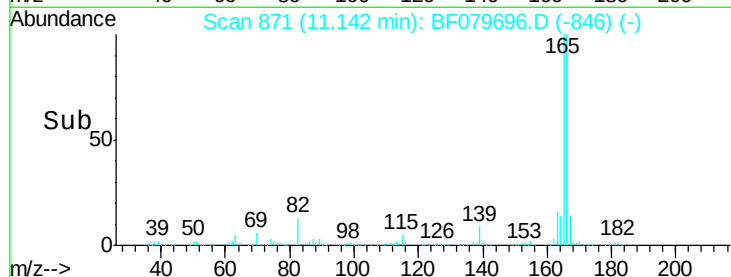
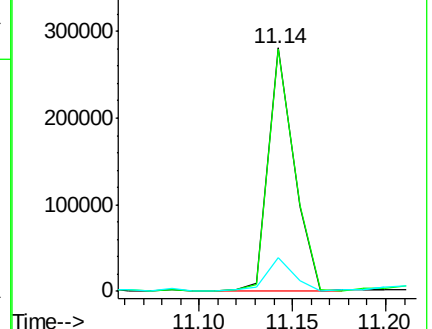
167 14.1 10.6 15.8



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.11 min Scan# 956

Delta R.T. -0.02 min

Lab File: BF079696.D

Acq: 4 Jun 2015 9:18

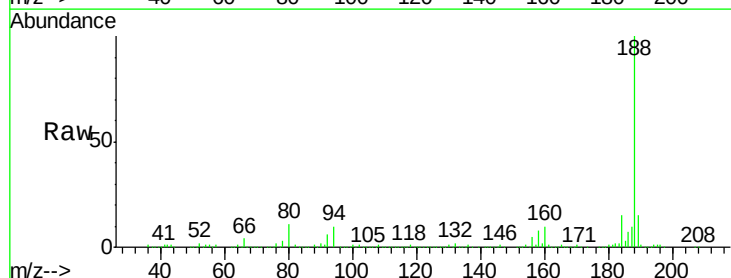
Tgt Ion:188 Resp: 307856

Ion Ratio Lower Upper

188 100

94 9.8 6.1 9.1#

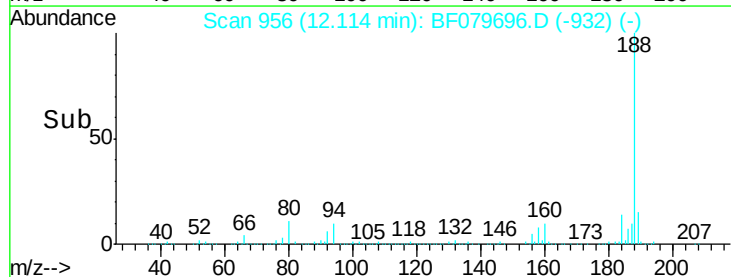
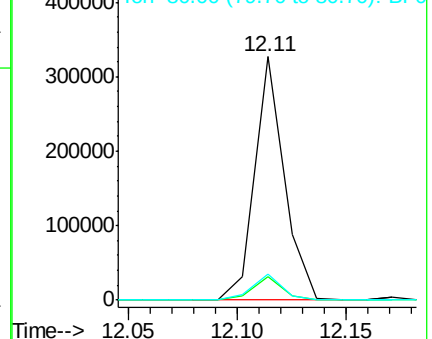
80 10.8 6.2 9.2#

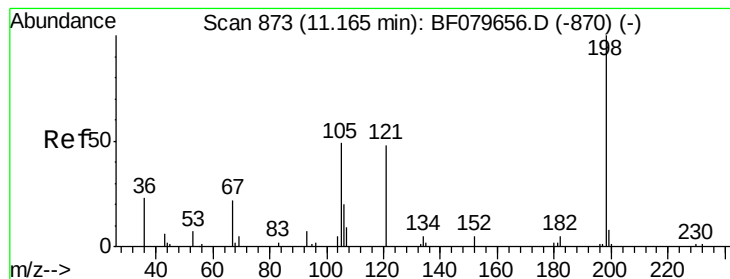


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 12.14 ng

RT: 11.02 min Scan# 860

Delta R.T. -0.15 min

Lab File: BF079696.D

Acq: 4 Jun 2015 9:18

Instrument :

BNA_F

ClientSampled :

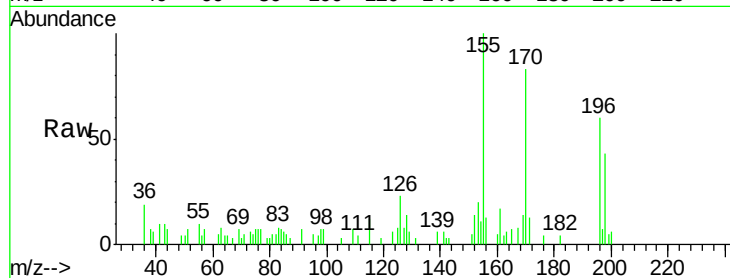
Tot Ion:198 Resp: 4445

Ion Ratio Lower Upper

198 100

51 16.6 46.1 86.1#

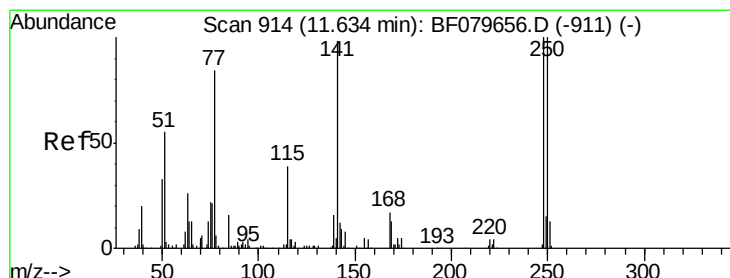
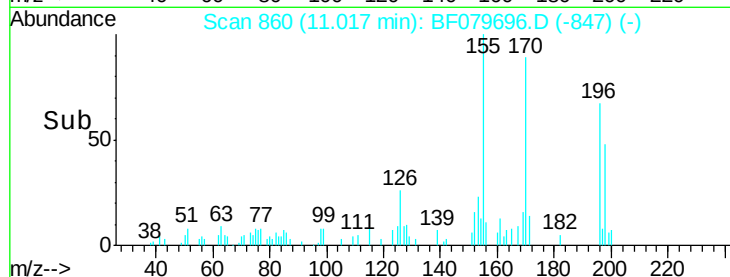
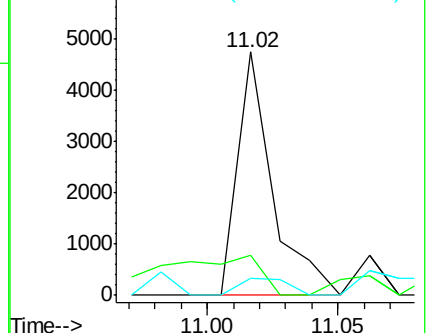
105 7.0 34.6 74.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 2.76 ng

RT: 11.38 min Scan# 892

Delta R.T. -0.25 min

Lab File: BF079696.D

Acq: 4 Jun 2015 9:18

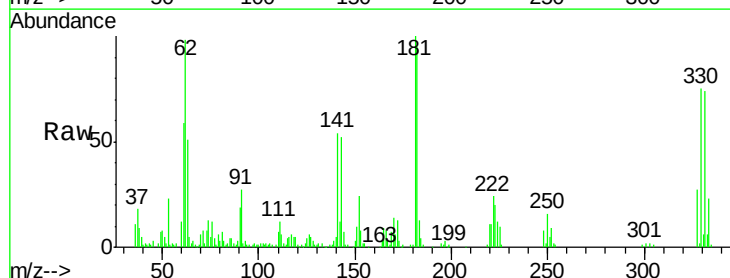
Tgt Ion:248 Resp: 8515

Ion Ratio Lower Upper

248 100

250 197.1 80.0 120.0#

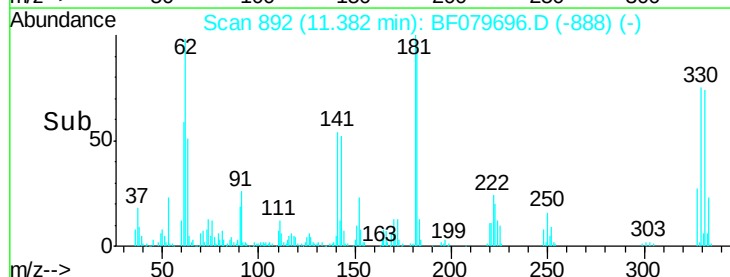
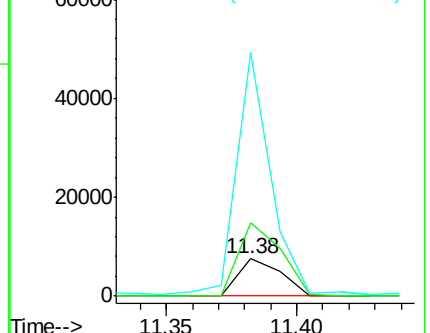
141 655.2 78.8 118.2#

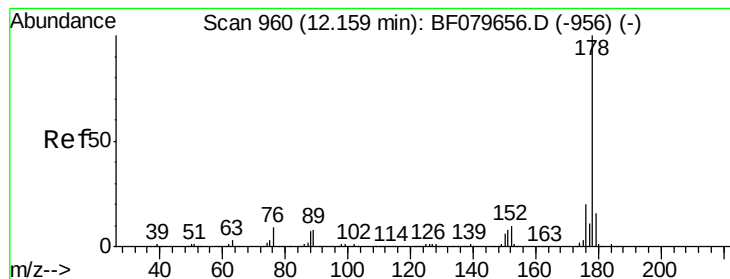


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 58.67 ng

RT: 12.19 min Scan# 963

Delta R.T. 0.03 min

Lab File: BF079696.D

Acq: 4 Jun 2015 9:18

Instrument :

BNA_F

ClientSampleId :

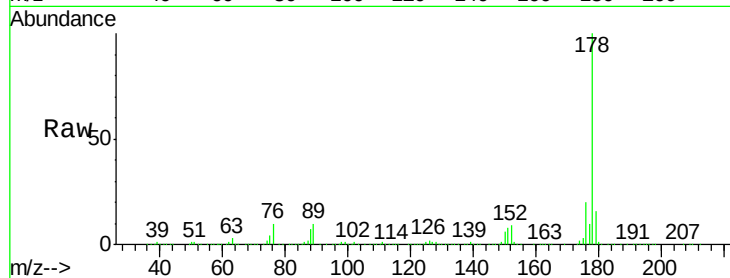
Tot Ion:178 Resp: 998628

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

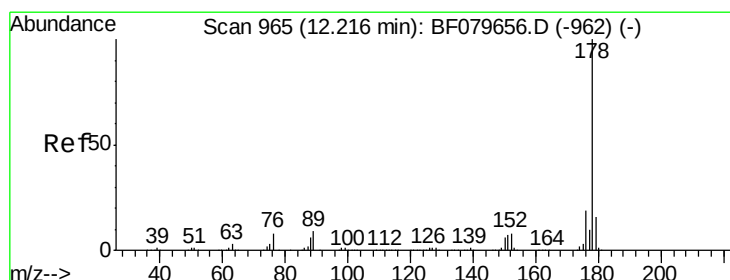
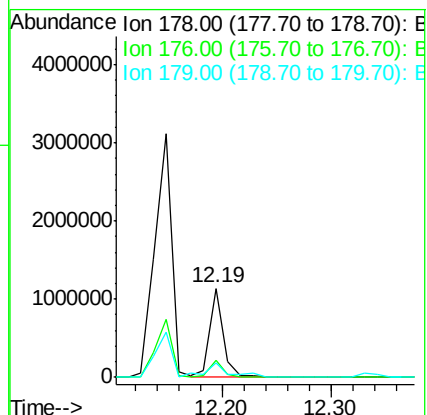
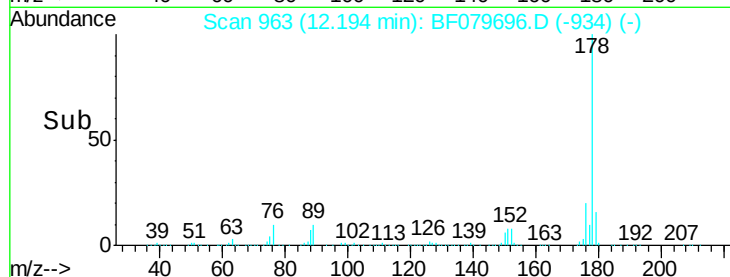
179 16.3 12.7 19.1



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: 58.31 ng

RT: 12.19 min Scan# 963

Delta R.T. -0.02 min

Lab File: BF079696.D

Acq: 4 Jun 2015 9:18

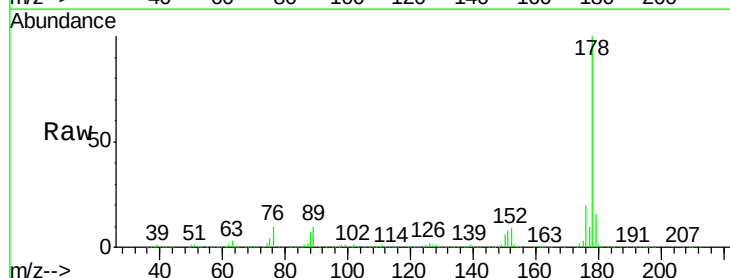
Tgt Ion:178 Resp: 998628

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

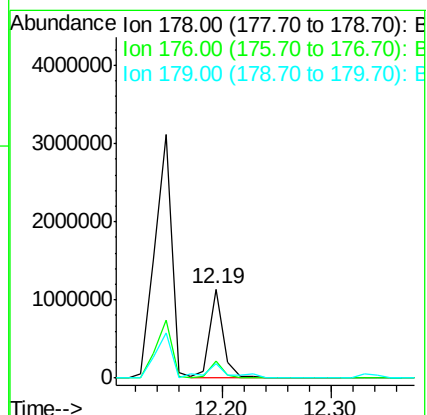
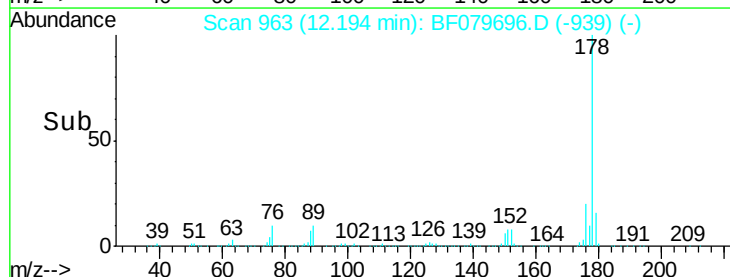
179 16.3 12.6 19.0

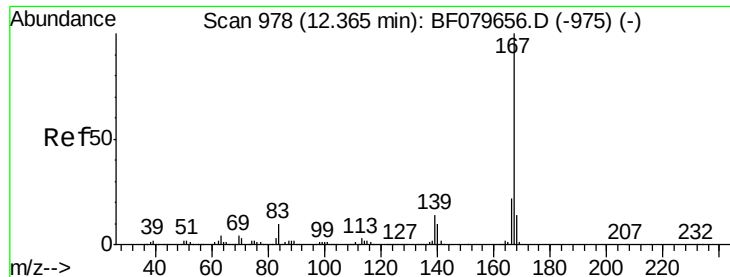


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

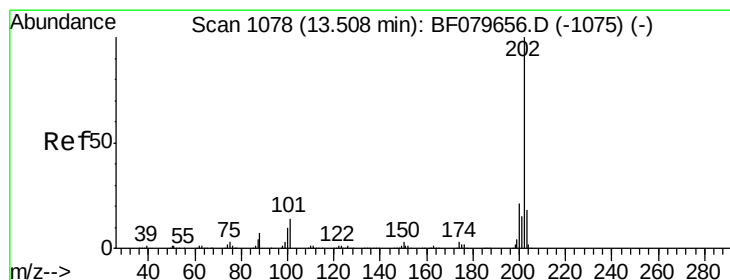
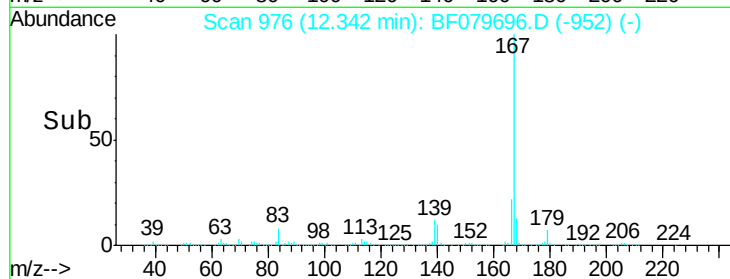
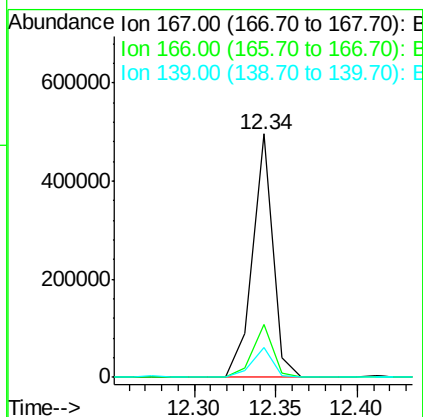
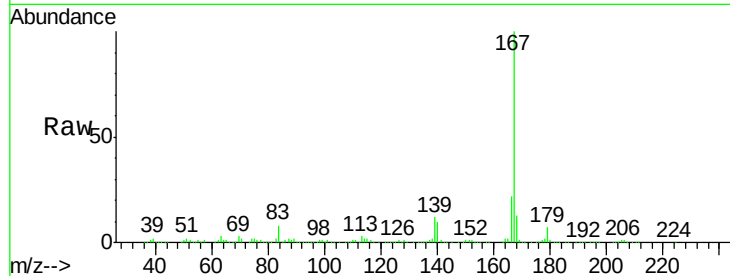




#72
 Carbazole
 Concen: 27.34 ng
 RT: 12.34 min Scan# 976
 Delta R.T. -0.02 min
 Lab File: BF079696.D
 Acq: 4 Jun 2015 9:18

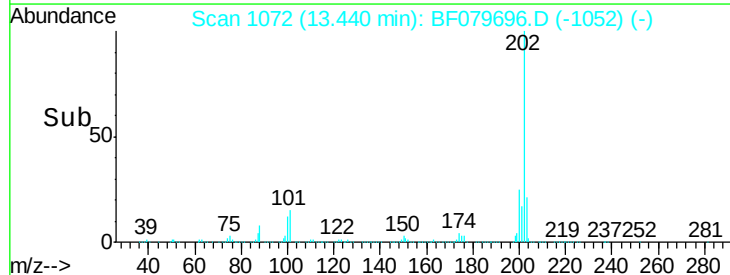
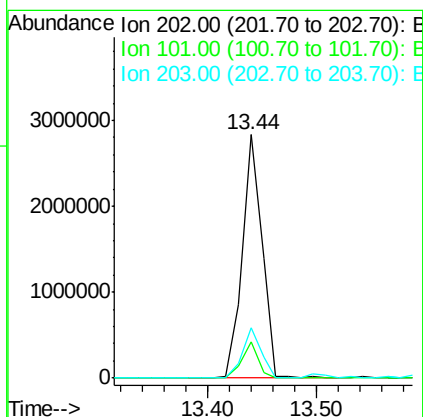
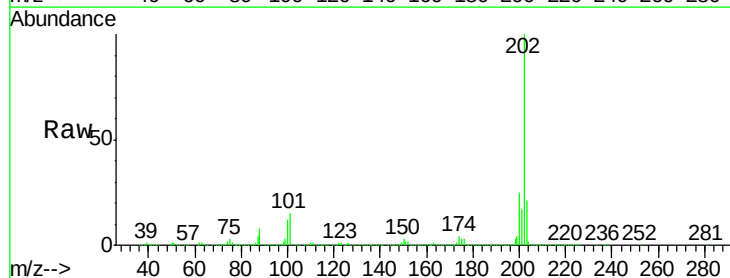
Instrument :
 BNA_F
 ClientSampleId :

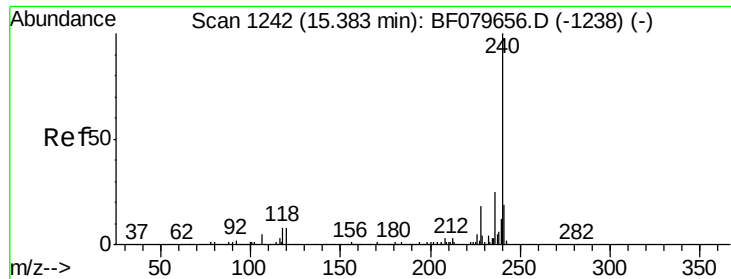
Tot Ion:167 Resp: 429906
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.2
 139 12.4 11.3 16.9



#74
 Fluoranthene
 Concen: 192.48 ng
 RT: 13.44 min Scan# 1072
 Delta R.T. -0.07 min
 Lab File: BF079696.D
 Acq: 4 Jun 2015 9:18

Tgt Ion:202 Resp: 3532580
 Ion Ratio Lower Upper
 202 100
 101 15.1 0.0 34.0
 203 20.9 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.51 min Scan# 1253

Delta R.T. 0.13 min

Lab File: BF079696.D

Acq: 4 Jun 2015 9:18

Instrument :

BNA_F

ClientSampled :

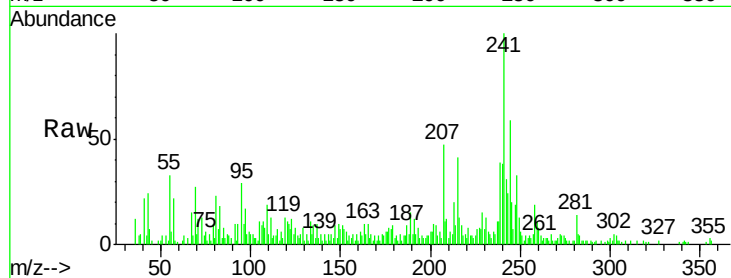
Tot Ion:240 Resp: 13662

Ion Ratio Lower Upper

240 100

120 28.3 6.4 9.6#

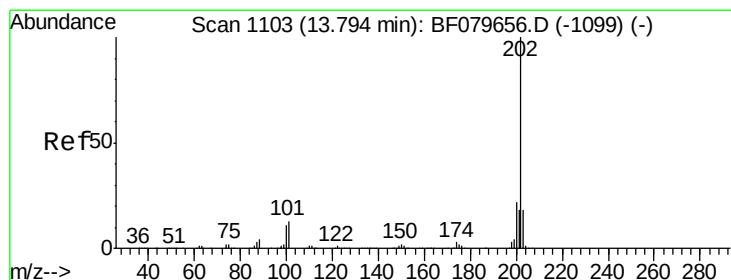
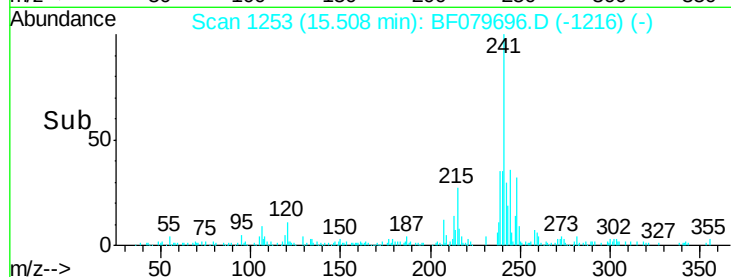
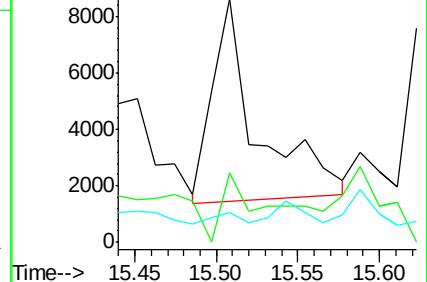
236 12.1 20.2 30.4#



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



#77

Pyrene

Concen: 3989.70 ng

RT: 13.71 min Scan# 1096

Delta R.T. -0.08 min

Lab File: BF079696.D

Acq: 4 Jun 2015 9:18

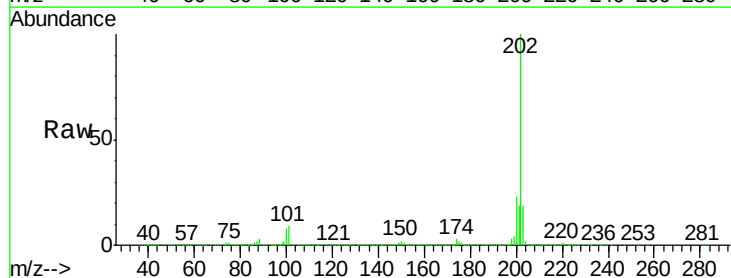
Tgt Ion:202 Resp: 3138414

Ion Ratio Lower Upper

202 100

200 23.4 17.4 26.0

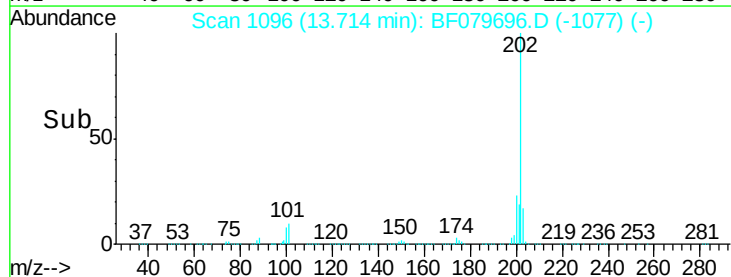
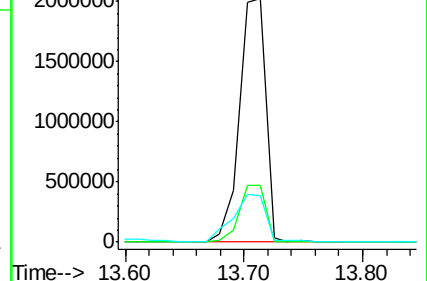
203 19.3 14.5 21.7

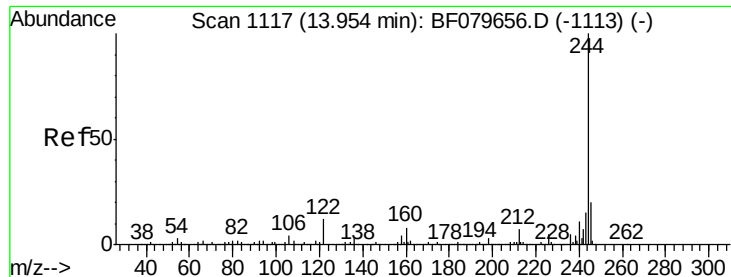


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 1054.57 ng

RT: 13.84 min Scan# 1107

Delta R.T. -0.11 min

Lab File: BF079696.D

Acq: 4 Jun 2015 9:18

Instrument :

BNA_F

ClientSampleId :

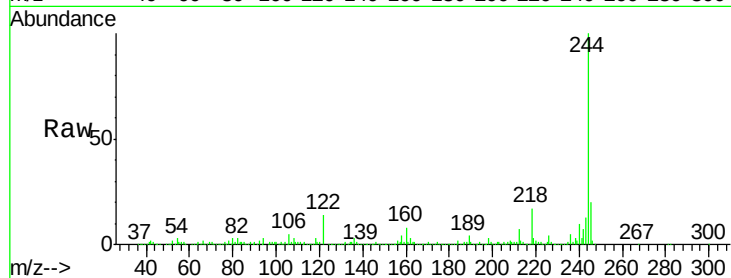
Tot Ion:244 Resp: 683109

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

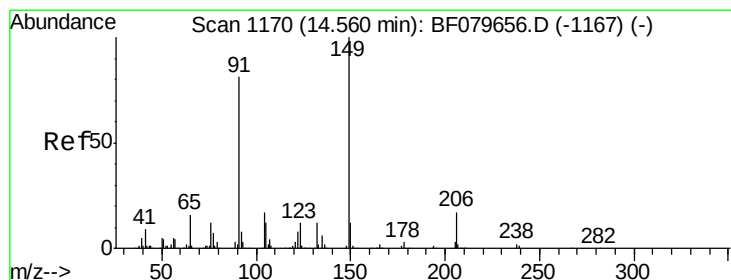
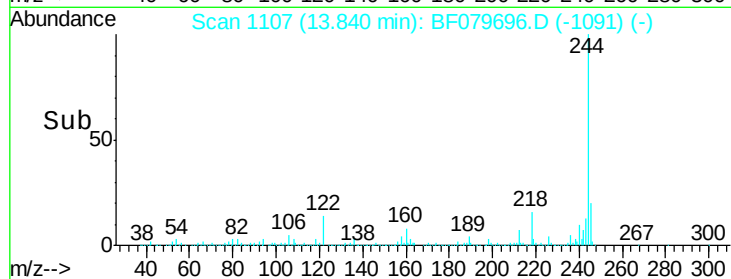
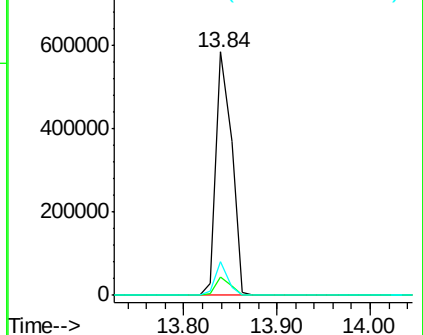
122 13.8 9.8 14.6



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: 13.90 ng

RT: 14.70 min Scan# 1182

Delta R.T. 0.14 min

Lab File: BF079696.D

Acq: 4 Jun 2015 9:18

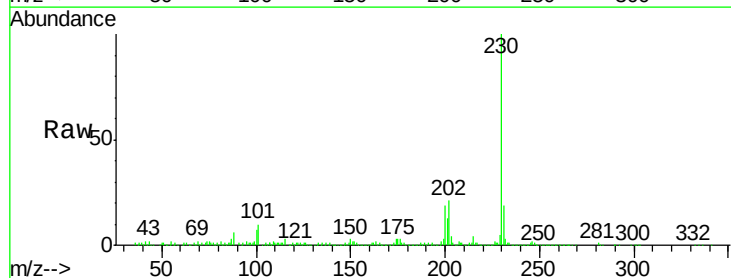
Tgt Ion:149 Resp: 3038

Ion Ratio Lower Upper

149 100

91 50.6 64.4 96.6#

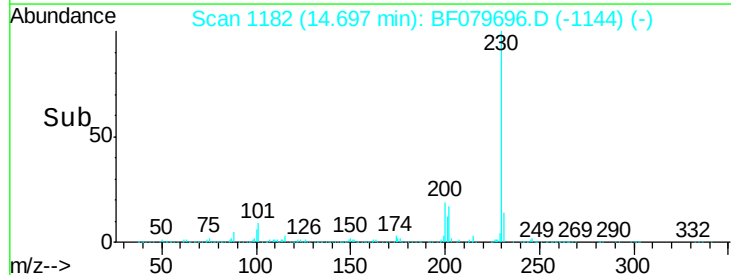
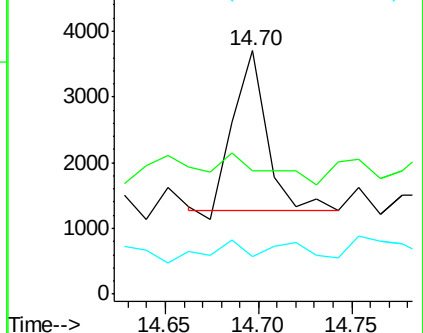
206 15.4 13.6 20.4

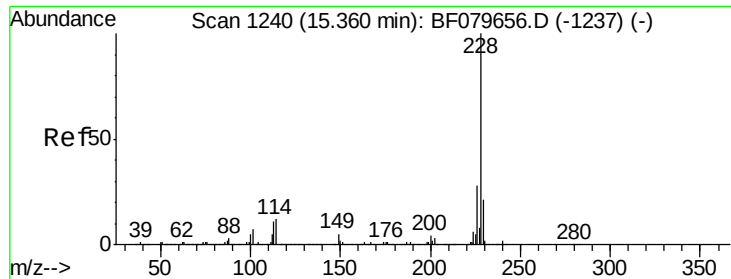


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

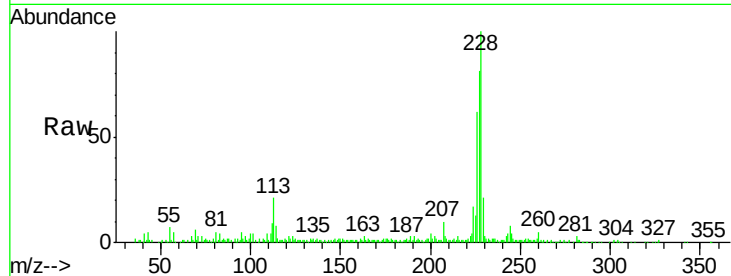




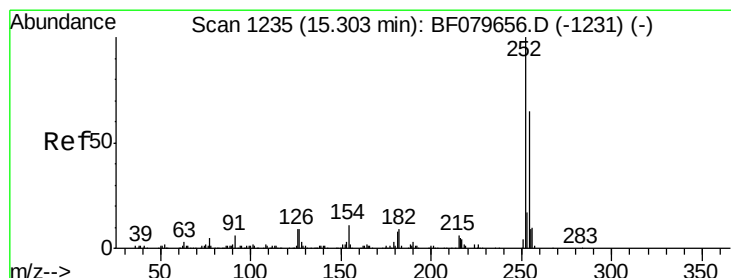
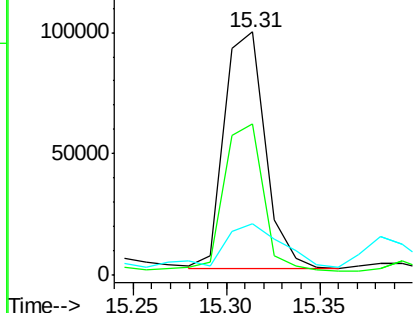
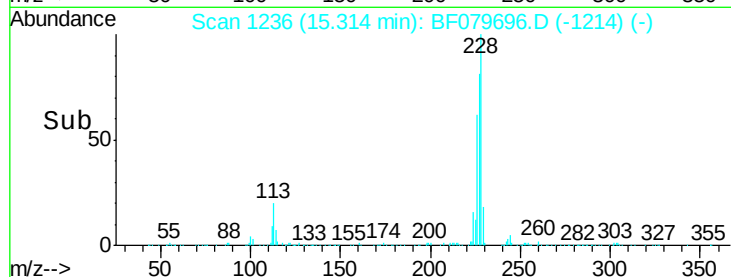
#80
Benzo(a)anthracene
Concen: 198.77 ng
RT: 15.31 min Scan# 1236
Delta R.T. -0.05 min
Lab File: BF079696.D
Acq: 4 Jun 2015 9:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 148505
Ion Ratio Lower Upper
228 100
226 62.3 22.5 33.7#
229 21.3 16.6 24.8

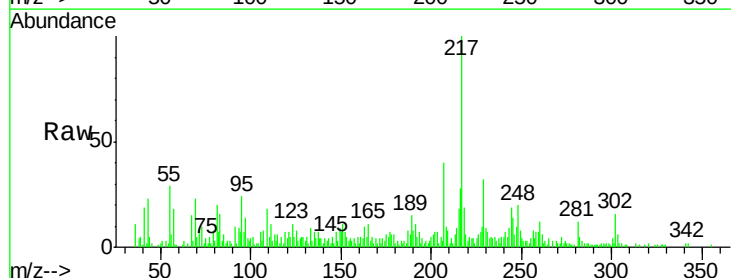


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

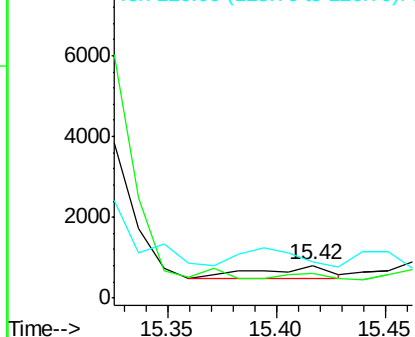
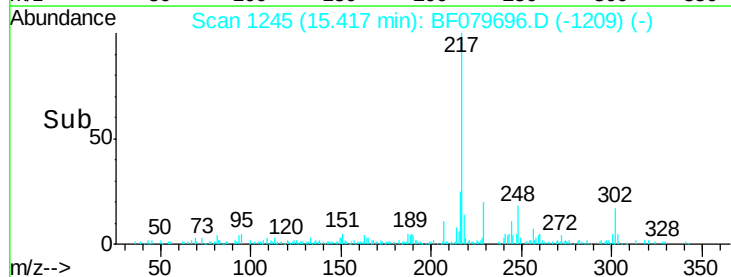


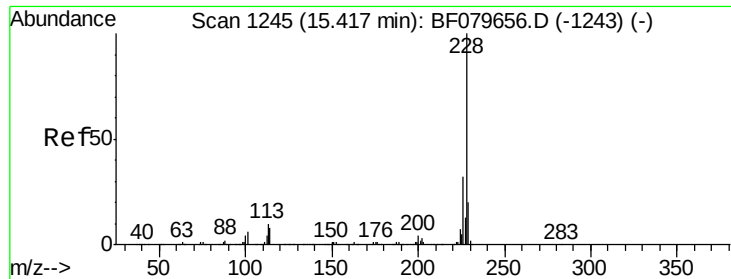
#81
3,3'-Dichlorobenzidine
Concen: 3.27 ng
RT: 15.42 min Scan# 1245
Delta R.T. 0.11 min
Lab File: BF079696.D
Acq: 4 Jun 2015 9:18

Tgt Ion:252 Resp: 730
Ion Ratio Lower Upper
252 100
254 75.0 51.6 77.4
126 110.3 7.3 10.9#



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





#82

Chrysene

Concen: 9.54 ng

RT: 15.67 min Scan# 1267

Delta R.T. 0.25 min

Lab File: BF079696.D

Acq: 4 Jun 2015 9:18

Instrument :

BNA_F

ClientSampled :

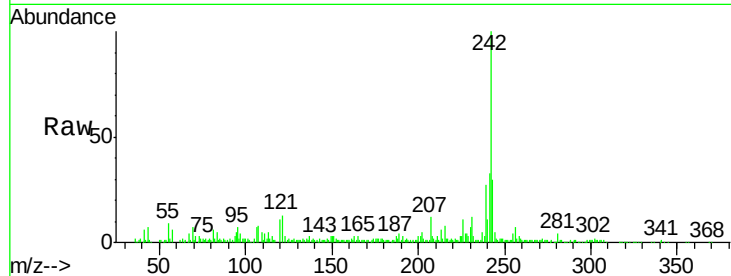
Tot Ion:228 Resp: 7174

Ion Ratio Lower Upper

228 100

226 300.6 25.2 37.8#

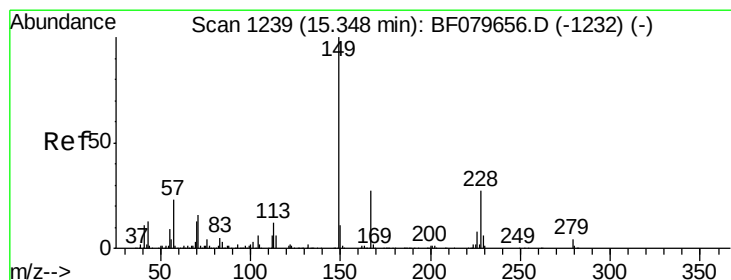
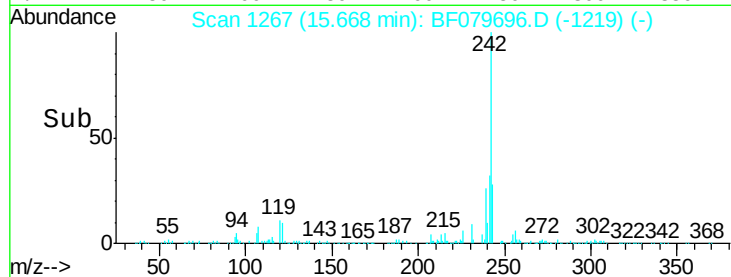
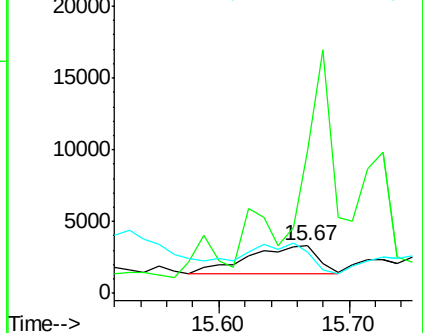
229 86.1 16.3 24.5#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 9.85 ng

RT: 15.44 min Scan# 1247

Delta R.T. 0.09 min

Lab File: BF079696.D

Acq: 4 Jun 2015 9:18

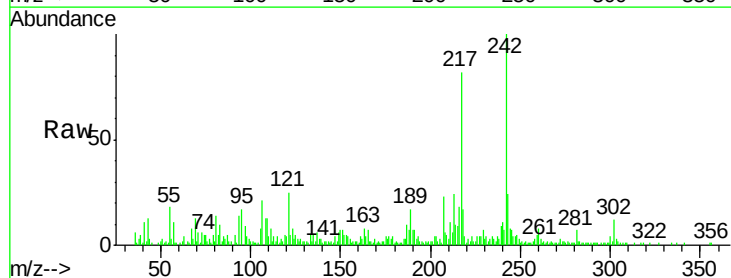
Tgt Ion:149 Resp: 3186

Ion Ratio Lower Upper

149 100

167 36.9 21.6 32.4#

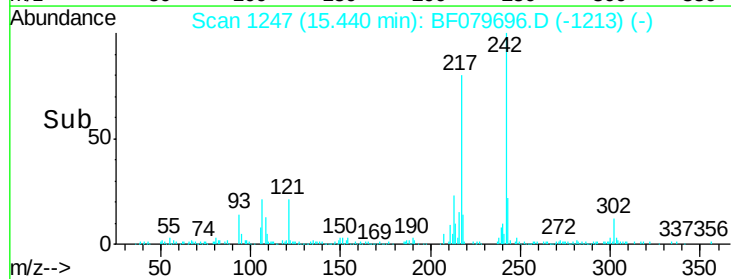
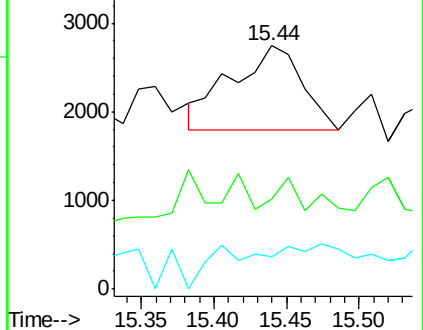
279 13.2 3.1 4.7#

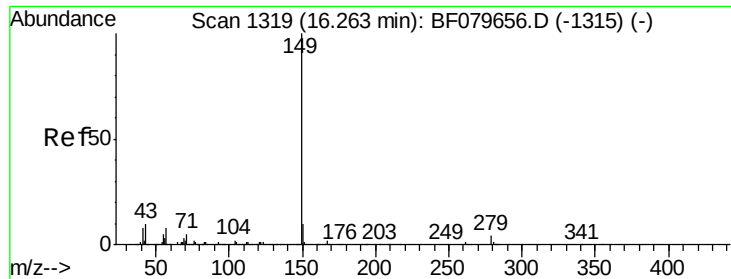


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

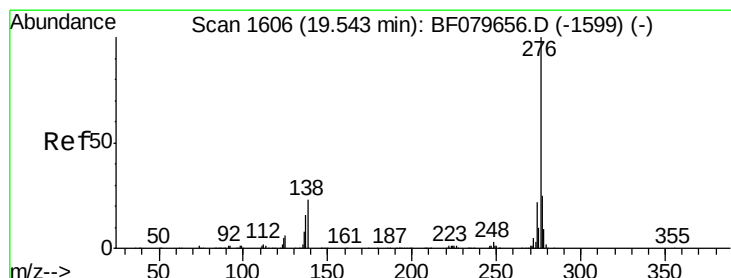
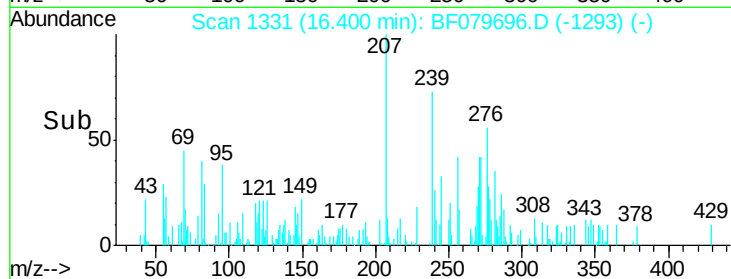
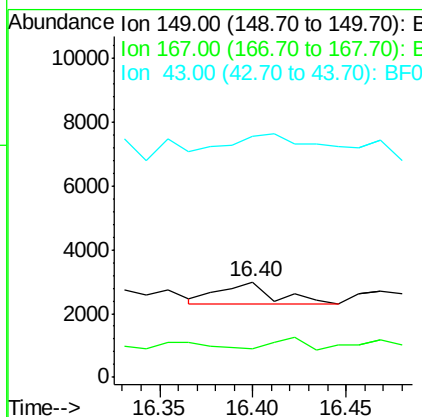
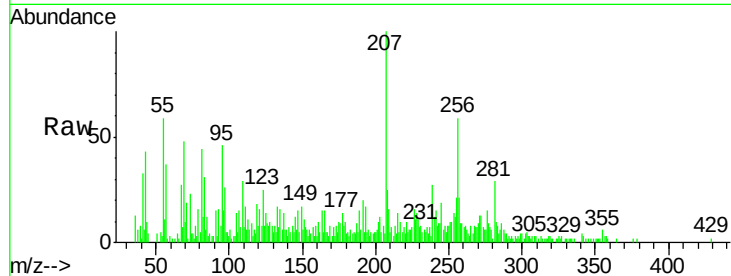




#84
Di-n-octyl phthalate
Concen: 4.39 ng
RT: 16.40 min Scan# 1331
Delta R.T. 0.14 min
Lab File: BF079696.D
Acq: 4 Jun 2015 9:18

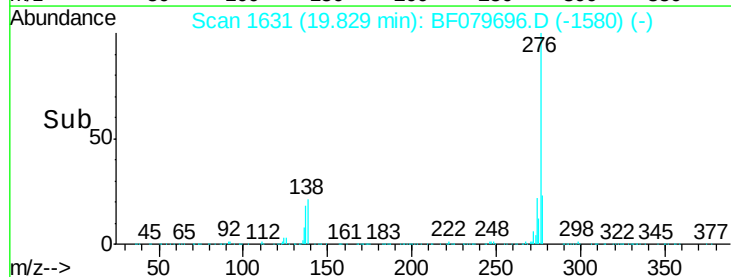
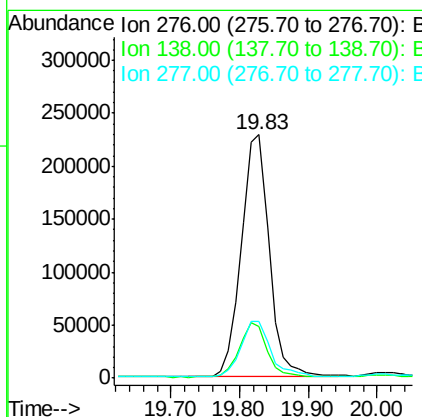
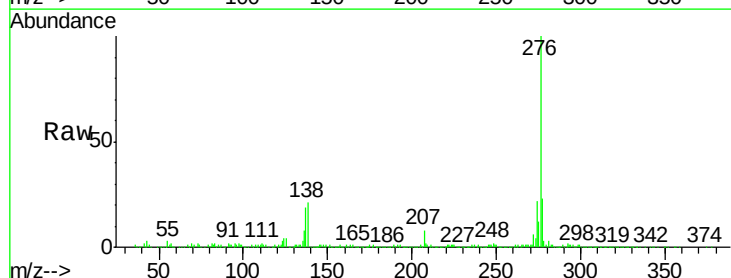
Instrument :
BNA_F
ClientSampleId :

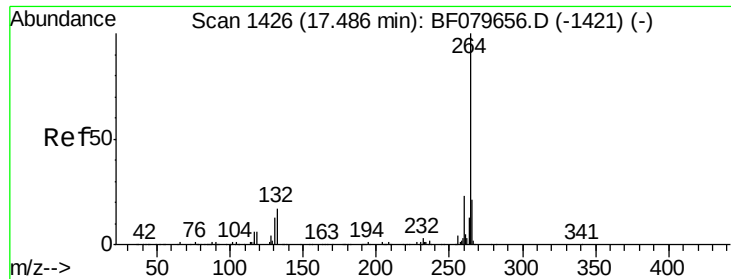
Tot Ion:149 Resp: 1490
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 0.0 9.4 14.2#



#85
Indeno(1,2,3-cd)pyrene
Concen: 874.06 ng
RT: 19.83 min Scan# 1631
Delta R.T. 0.29 min
Lab File: BF079696.D
Acq: 4 Jun 2015 9:18

Tgt Ion:276 Resp: 642507
Ion Ratio Lower Upper
276 100
138 22.5 21.9 32.9
277 24.9 20.2 30.4

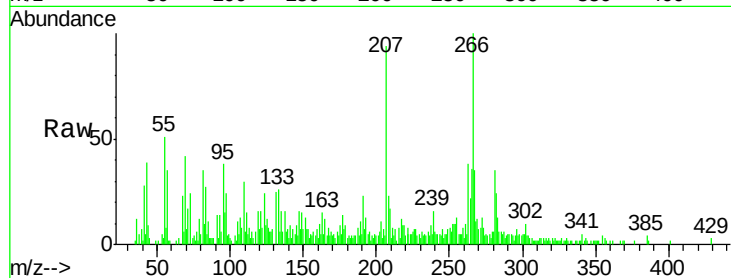




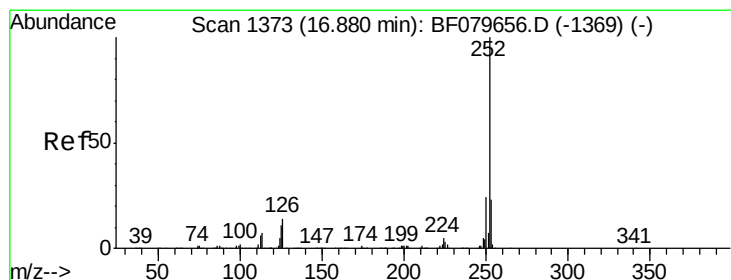
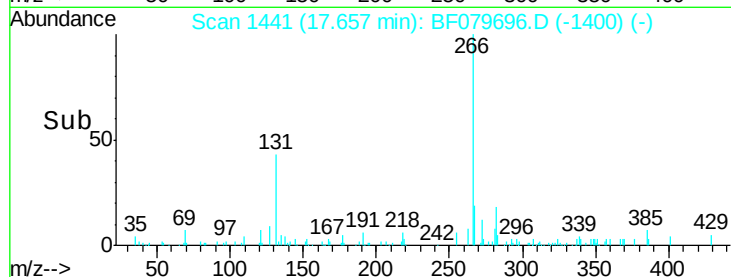
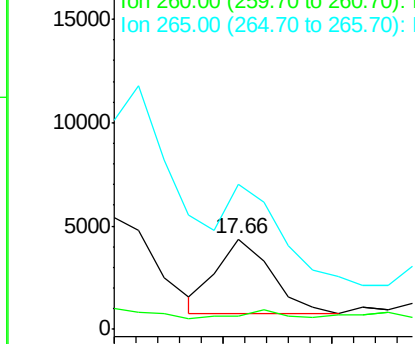
#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.66 min Scan# 1441
Delta R.T. 0.17 min
Lab File: BF079696.D
Acq: 4 Jun 2015 9:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 6416
Ion Ratio Lower Upper
264 100
260 14.4 18.8 28.2#
265 160.4 17.4 26.0#

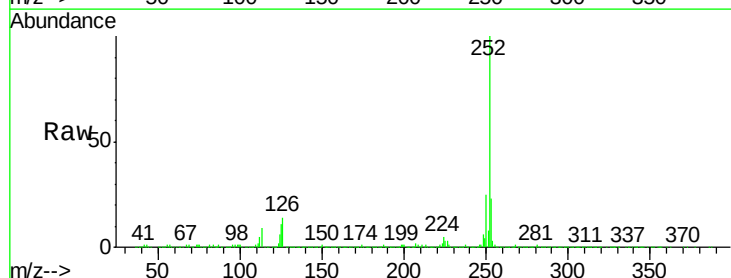


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

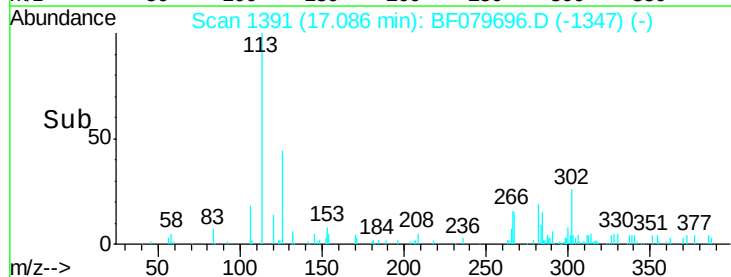
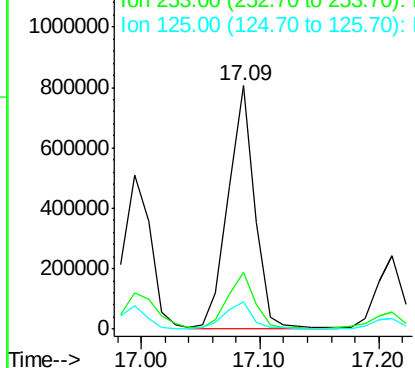


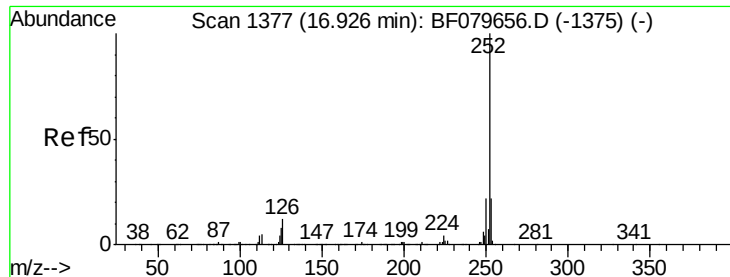
#87
Benzo(b)fluoranthene
Concen: 3755.80 ng
RT: 17.09 min Scan# 1391
Delta R.T. 0.21 min
Lab File: BF079696.D
Acq: 4 Jun 2015 9:18

Tgt Ion:252 Resp: 1245242
Ion Ratio Lower Upper
252 100
253 23.2 18.0 27.0
125 11.2 8.7 13.1



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

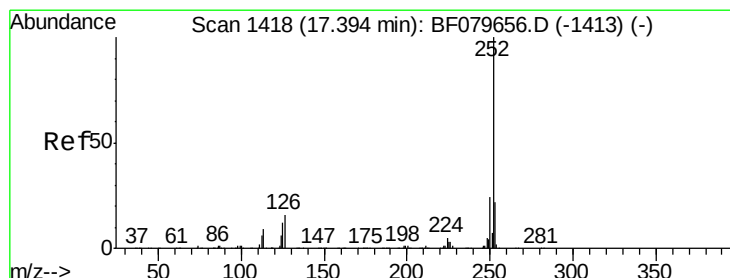
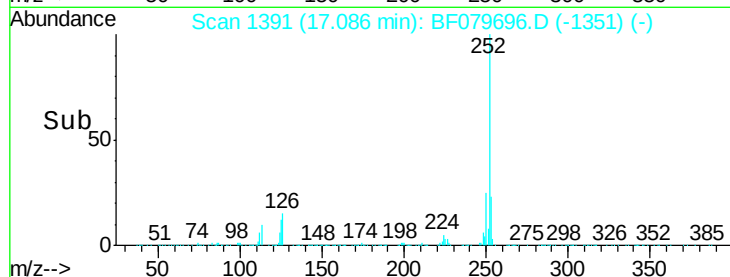
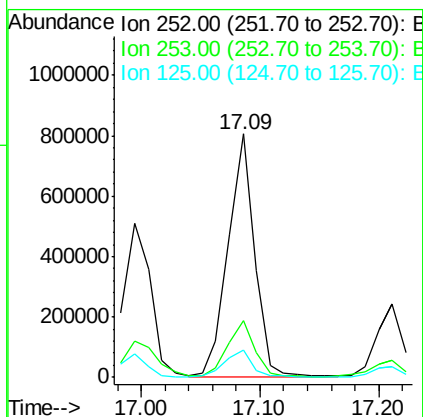
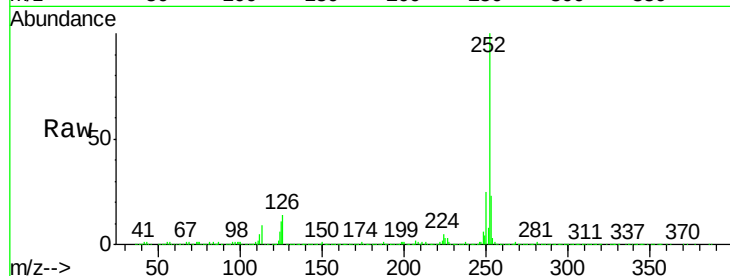




#88
Benzo(k)fluoranthene
Concen: 3205.66 ng
RT: 17.09 min Scan# 1391
Delta R.T. 0.16 min
Lab File: BF079696.D
Acq: 4 Jun 2015 9:18

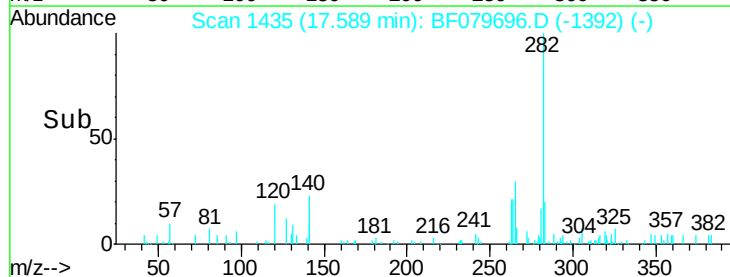
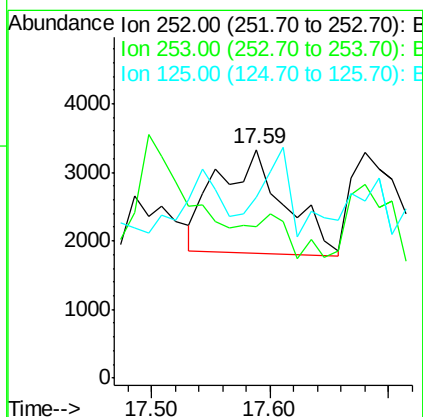
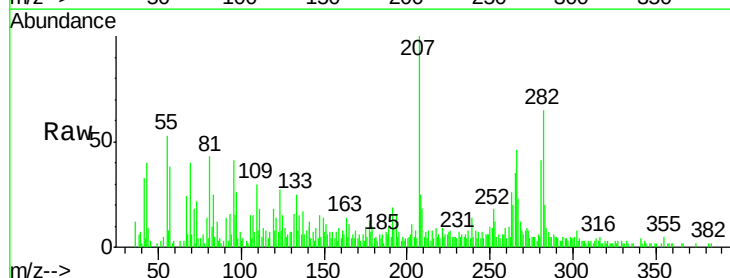
Instrument :
BNA_F
ClientSampleId :

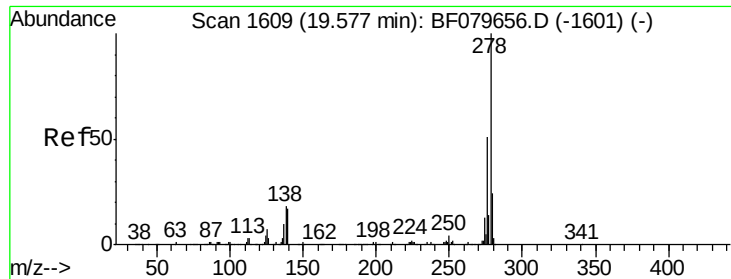
Tot Ion:252 Resp: 1245242
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 11.2 7.1 10.7#



#89
Benzo(a)pyrene
Concen: 18.50 ng
RT: 17.59 min Scan# 1435
Delta R.T. 0.19 min
Lab File: BF079696.D
Acq: 4 Jun 2015 9:18

Tgt Ion:252 Resp: 5997
Ion Ratio Lower Upper
252 100
253 66.3 17.9 26.9#
125 79.3 9.4 14.0#

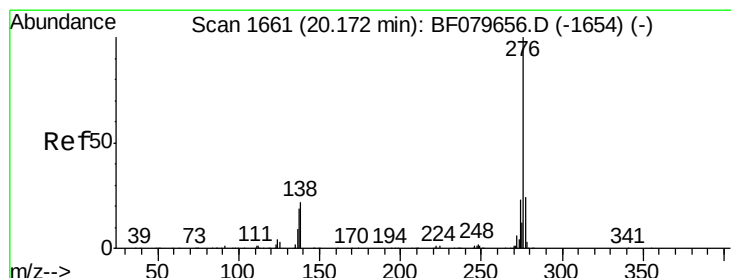
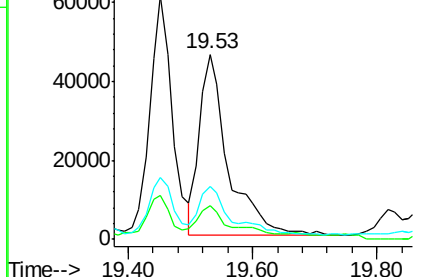
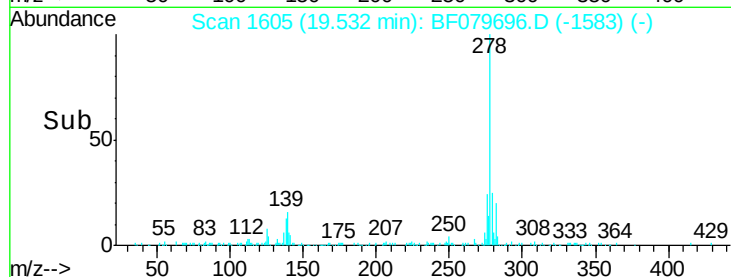
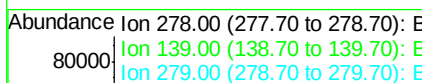
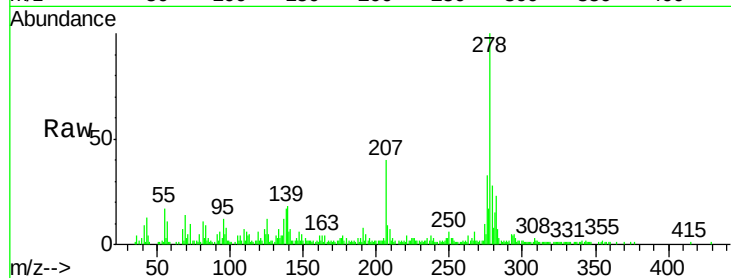




#90
Dibenzo(a,h)anthracene
Concen: 482.49 ng
RT: 19.53 min Scan# 1605
Delta R.T. -0.05 min
Lab File: BF079696.D
Acq: 4 Jun 2015 9:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.4	13.7	20.5
279	28.3	19.6	29.4



#91
Benzo(g,h,i)perylene
Concen: 502.05 ng
RT: 20.15 min Scan# 1659
Delta R.T. -0.02 min
Lab File: BF079696.D
Acq: 4 Jun 2015 9:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.9	19.1	28.7
138	25.2	17.4	26.0

