

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061115\
 Data File : BF079903.D
 Acq On : 11 Jun 2015 19:05
 Operator : TP/IZ
 Sample : G2522-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-8

Quant Time: Jun 12 04:28:45 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 00:59:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	49046	20.00	ng	0.00
21) Naphthalene-d8	8.68	136	196528	20.00	ng	0.00
38) Acenaphthene-d10	10.46	164	100894	20.00	ng	0.00
63) Phenanthrene-d10	11.98	188	223211	20.00	ng	0.00
75) Chrysene-d12	15.04	240	241596	20.00	ng	0.05
86) Perylene-d12	17.01	264	223995	20.00	ng	0.08

System Monitoring Compounds

5) 2-Fluorophenol	6.00	112	148478	50.72	ng	0.00
7) Phenol-d6	6.99	99	114917	30.01	ng	0.00
23) Nitrobenzene-d5	7.95	82	240691	72.85	ng	0.00
41) 2,4,6-Tribromophenol	11.26	330	128353	142.54	ng	0.00
44) 2-Fluorobiphenyl	9.76	172	637253	89.01	ng	0.00
78) Terphenyl-d14	13.71	244	873581	82.16	ng	0.02

Target Compounds

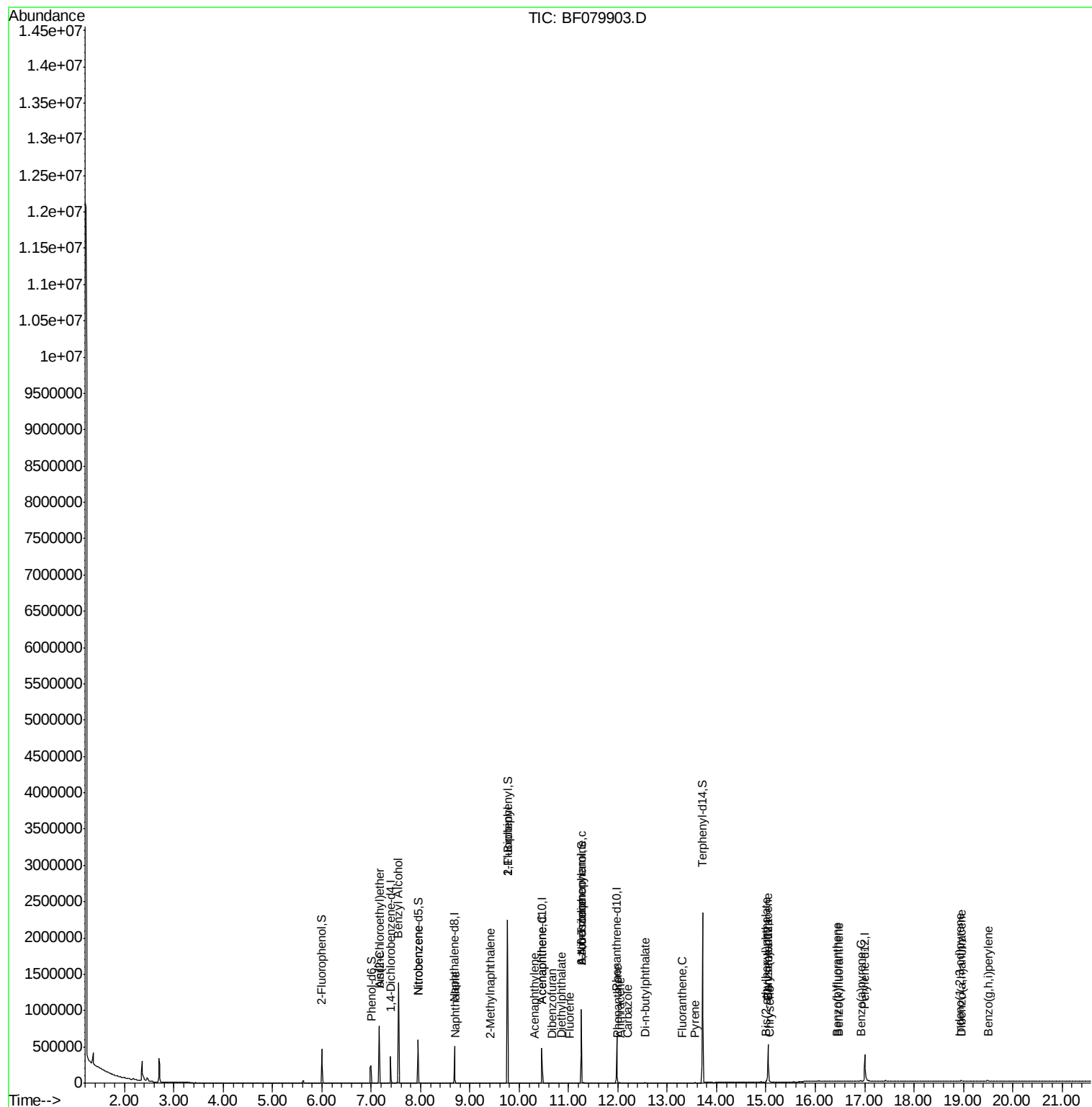
						Qvalue
6) Aniline	7.16	93	452	0.08	ng	# 1
11) bis(2-Chloroethyl)ether	7.16	93	452	0.14	ng	# 1
15) Benzyl Alcohol	7.55	79	4643	1.52	ng	# 39
24) Nitrobenzene	7.95	77	836	0.25	ng	# 46
31) Naphthalene	8.71	128	373	0.04	ng	# 69
37) 2-Methylnaphthalene	9.40	142	270	0.04	ng	# 80
45) 1,1'-Biphenyl	9.76	154	1031	0.12	ng	# 1
48) Acenaphthylene	10.32	152	234	0.02	ng	# 60
51) Acenaphthene	10.46	154	226	0.03	ng	# 4
54) Dibenzofuran	10.66	168	250	0.03	ng	# 43
57) Fluorene	11.02	166	219	0.03	ng	# 8
59) Diethylphthalate	10.86	149	656	0.08	ng	# 60
62) Azobenzene	11.26	77	641	0.08	ng	# 1
65) n-Nitrosodiphenylamine	11.26	169	3497	0.47	ng	# 36
70) Phenanthrene	12.00	178	812	0.06	ng	# 60
71) Anthracene	12.06	178	555	0.04	ng	# 60
72) Carbazole	12.21	167	250	0.02	ng	# 59
73) Di-n-butylphthalate	12.55	149	580	0.05	ng	# 79
74) Fluoranthene	13.30	202	551	0.04	ng	# 64
77) Pyrene	13.57	202	697	0.05	ng	# 57
80) Benzo(a)anthracene	15.04	228	1685	0.12	ng	# 51
82) Chrysene	15.07	228	1068	0.08	ng	# 75
83) Bis(2-ethylhexyl)phthalate	15.01	149	8652	1.09	ng	# 94
85) Indeno(1,2,3-cd)pyrene	18.93	276	8639	0.60	ng	# 82
87) Benzo(b)fluoranthene	16.45	252	2024	0.15	ng	# 90
88) Benzo(k)fluoranthene	16.48	252	3108	0.22	ng	# 87
89) Benzo(a)pyrene	16.93	252	3235	0.26	ng	# 77
90) Dibenzo(a,h)anthracene	18.96	278	6901	0.59	ng	# 80
91) Benzo(g,h,i)perylene	19.50	276	8279	0.67	ng	# 97

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

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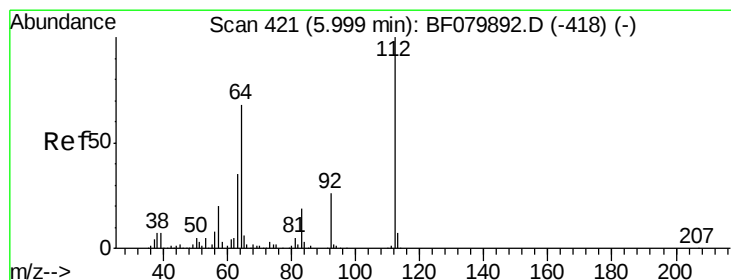
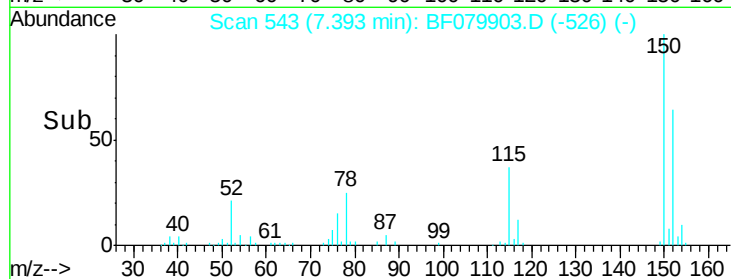
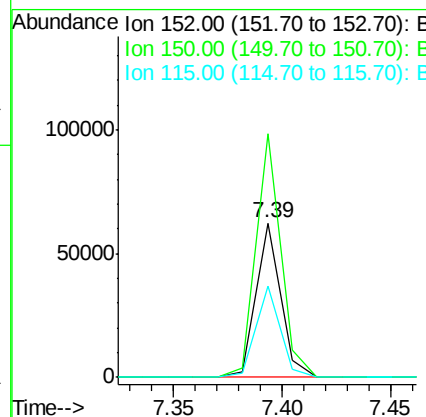
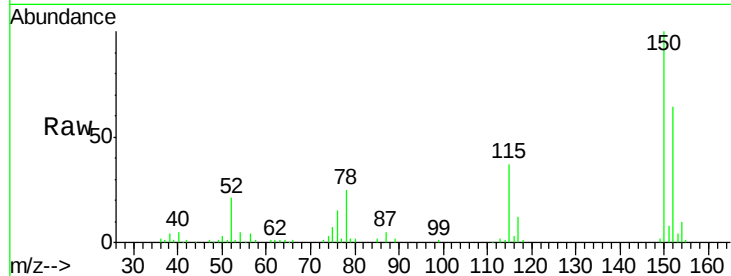




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.39 min Scan# 543
 Delta R.T. -0.00 min
 Lab File: BF079903.D
 Acq: 11 Jun 2015 19:05

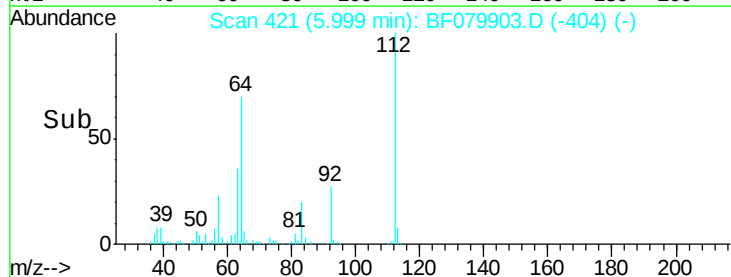
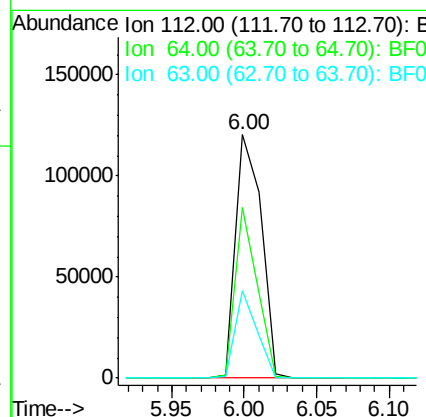
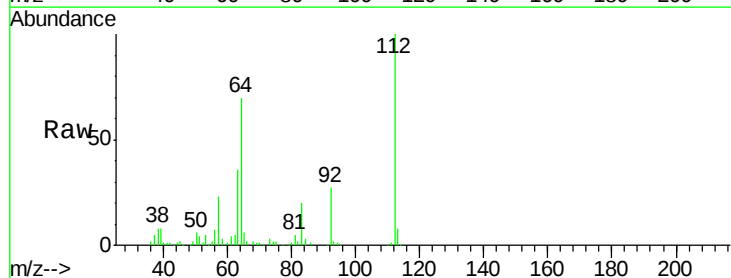
Instrument :
 BNA_F
 ClientSampled :
 MW-8

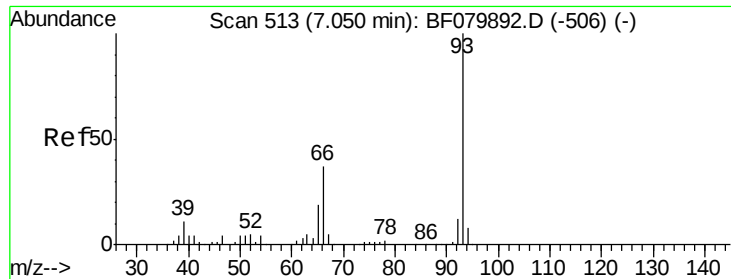
Tgt Ion:152 Resp: 49046
 Ion Ratio Lower Upper
 152 100
 150 157.5 131.0 196.4
 115 59.0 49.8 74.6



#5
 2-Fluorophenol
 Concen: 50.72 ng
 RT: 6.00 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BF079903.D
 Acq: 11 Jun 2015 19:05

Tgt Ion:112 Resp: 148478
 Ion Ratio Lower Upper
 112 100
 64 70.1 54.5 81.7
 63 35.9 27.9 41.9





#6

Aniline

Concen: 0.08 ng

RT: 7.16 min Scan# 523

Delta R.T. 0.11 min

Lab File: BF079903.D

Acq: 11 Jun 2015 19:05

Instrument :

BNA_F

ClientSampleId :

MW-8

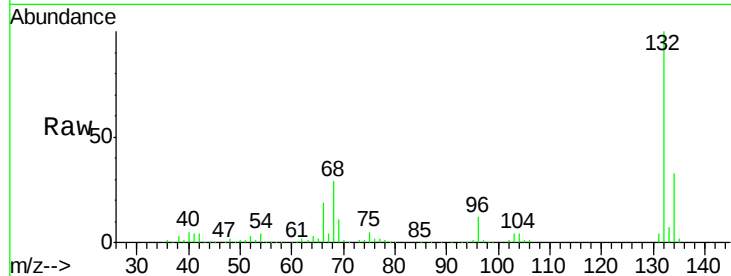
Tgt Ion: 93 Resp: 452

Ion Ratio Lower Upper

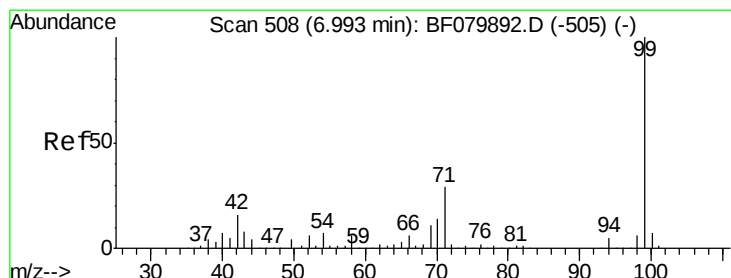
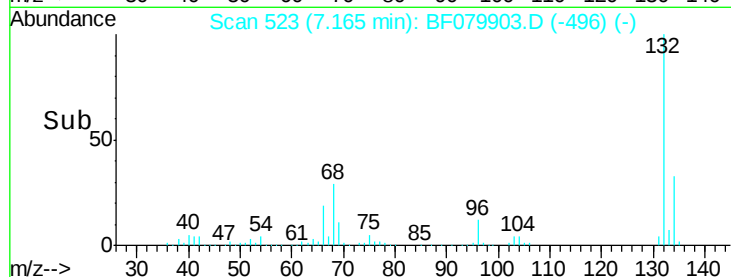
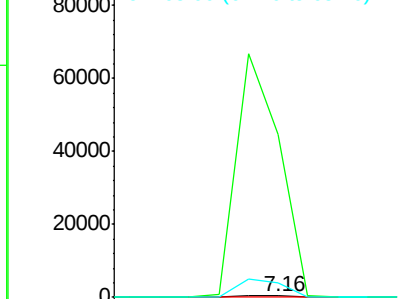
93 100

66 13488.8 29.4 44.0#

65 1247.4 14.9 22.3#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 30.01 ng

RT: 6.99 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF079903.D

Acq: 11 Jun 2015 19:05

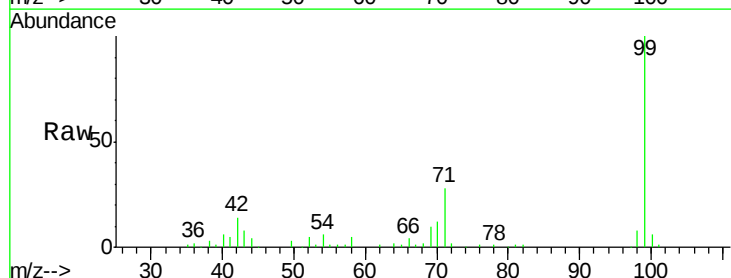
Tgt Ion: 99 Resp: 114917

Ion Ratio Lower Upper

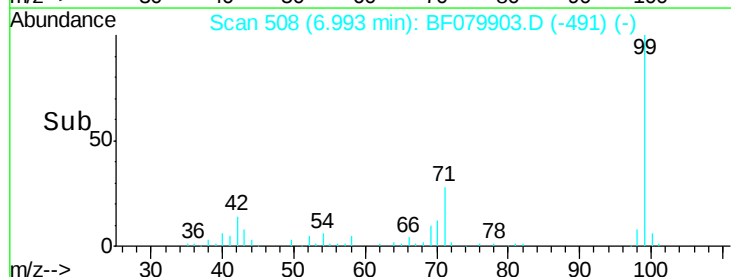
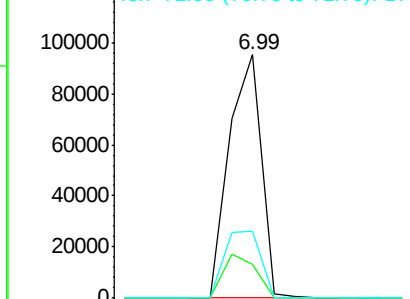
99 100

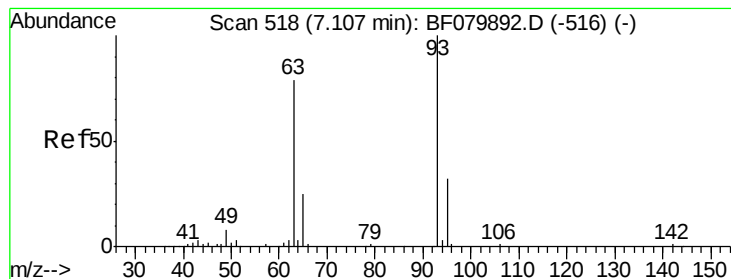
42 13.8 12.9 19.3

71 27.6 23.4 35.2



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





#11

bis(2-Chloroethyl)ether

Concen: 0.14 ng

RT: 7.16 min Scan# 523

Delta R.T. 0.06 min

Lab File: BF079903.D

Acq: 11 Jun 2015 19:05

Instrument :

BNA_F

ClientSampleId :

MW-8

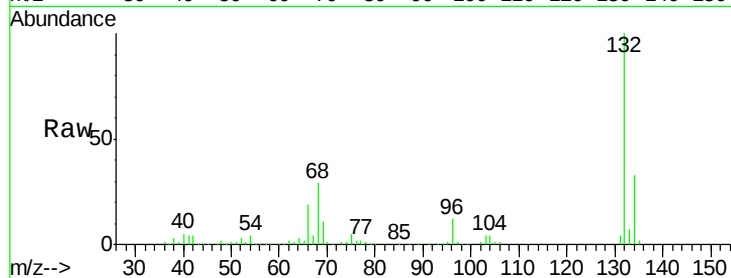
Tgt Ion: 93 Resp: 452

Ion Ratio Lower Upper

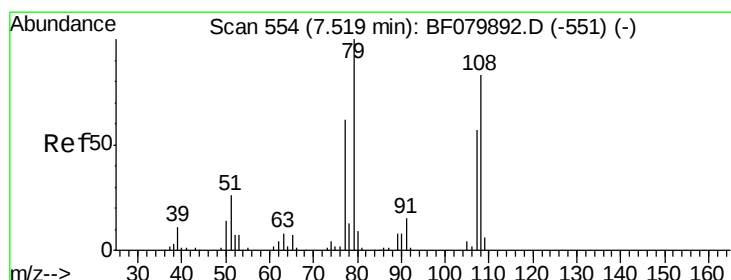
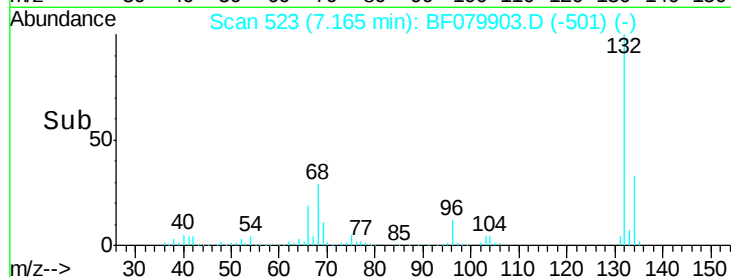
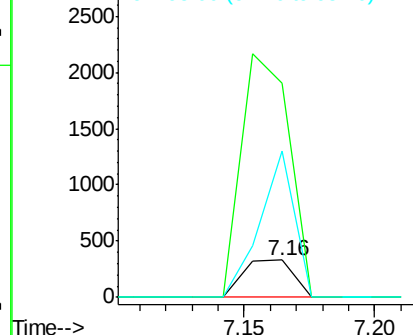
93 100

63 577.0 58.7 98.7#

95 391.5 11.5 51.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#15

Benzyl Alcohol

Concen: 1.52 ng

RT: 7.55 min Scan# 557

Delta R.T. 0.03 min

Lab File: BF079903.D

Acq: 11 Jun 2015 19:05

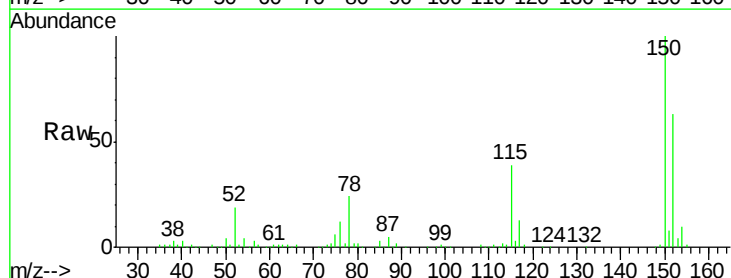
Tgt Ion: 79 Resp: 4643

Ion Ratio Lower Upper

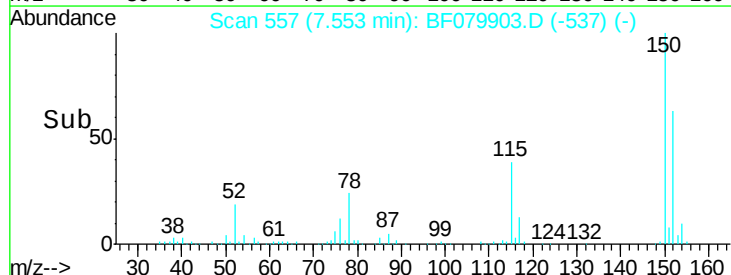
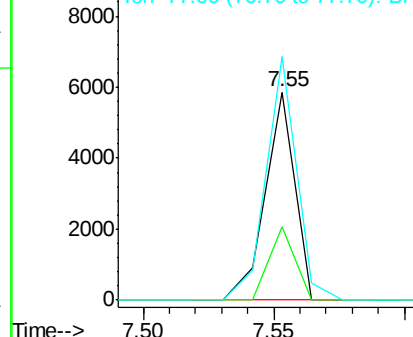
79 100

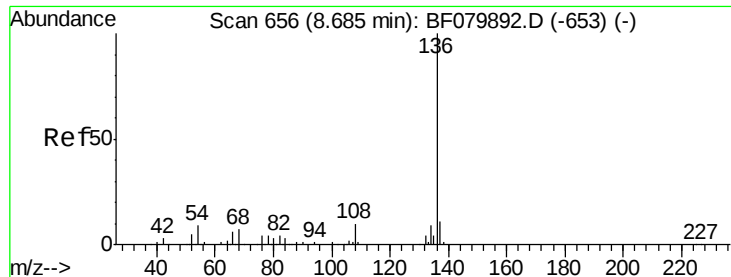
108 35.3 66.4 99.6#

77 116.9 49.4 74.0#



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

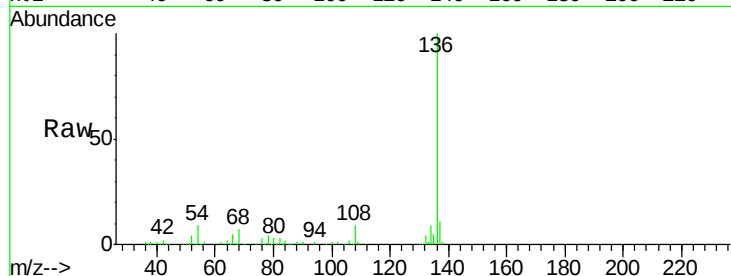




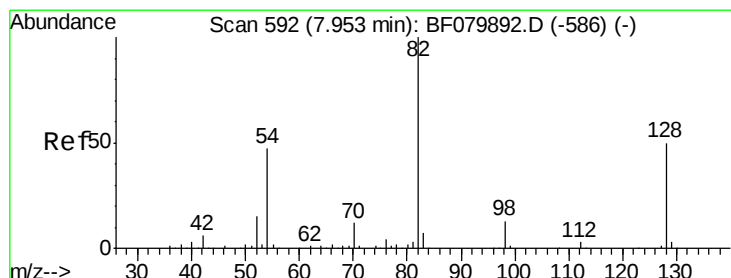
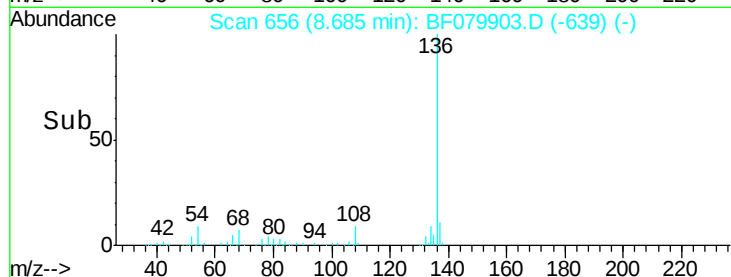
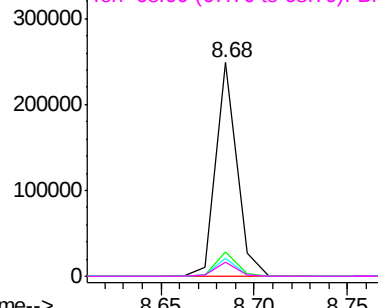
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.68 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF079903.D
Acq: 11 Jun 2015 19:05

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Tgt Ion:	136	Resp:	196528
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	8.5	7.3	10.9
68	6.5	5.9	8.9

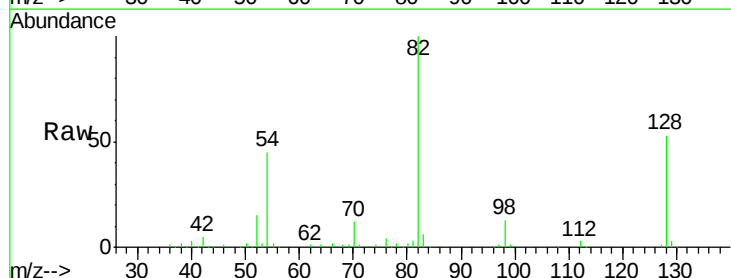


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

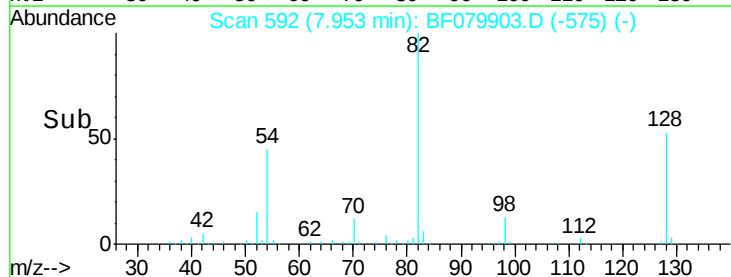
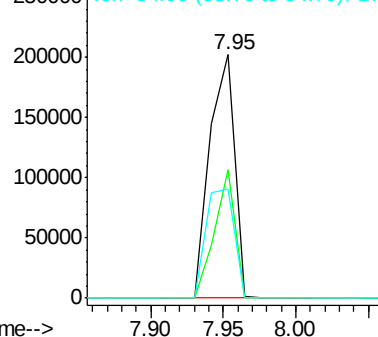


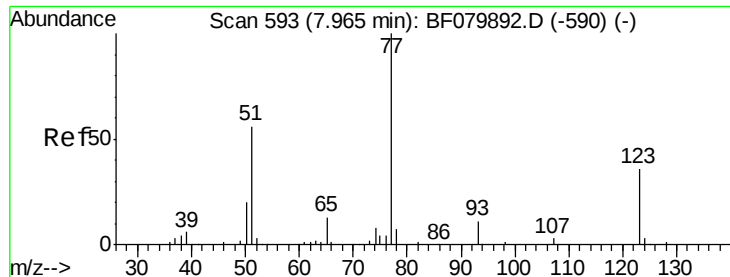
#23
Nitrobenzene-d5
Concen: 72.85 ng
RT: 7.95 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF079903.D
Acq: 11 Jun 2015 19:05

Tgt Ion:	82	Resp:	240691
Ion	Ratio	Lower	Upper
82	100		
128	52.7	40.3	60.5
54	44.8	38.0	57.0



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

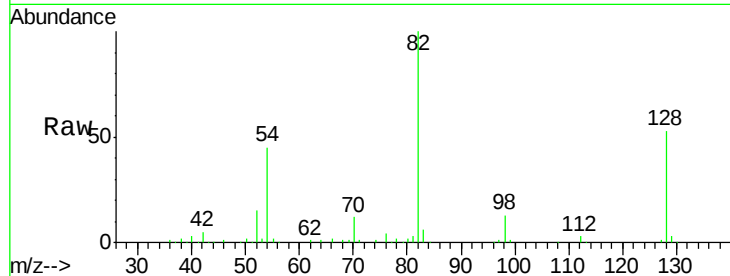




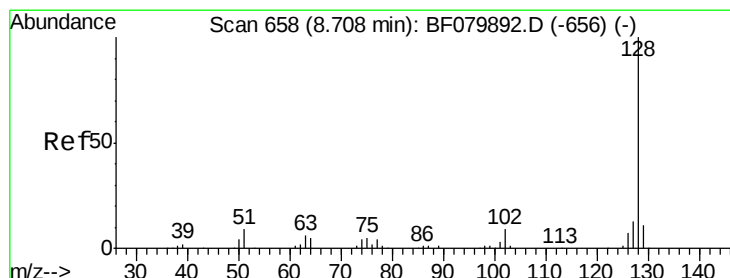
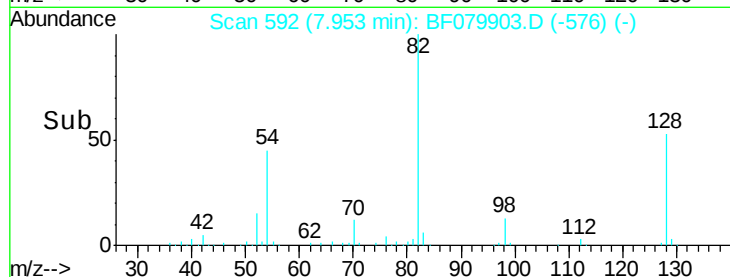
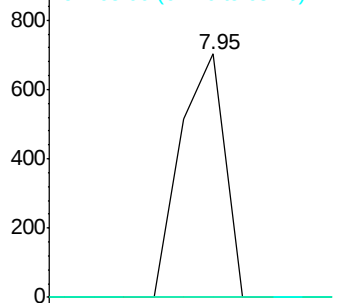
#24
Nitrobenzene
Concen: 0.25 ng
RT: 7.95 min Scan# 592
Delta R.T. -0.01 min
Lab File: BF079903.D
Acq: 11 Jun 2015 19:05

Instrument :
BNA_F
ClientSampleId :
MW-8

Tgt Ion: 77 Resp: 836
Ion Ratio Lower Upper
77 100
123 0.0 28.8 43.2#
65 0.0 10.3 15.5#

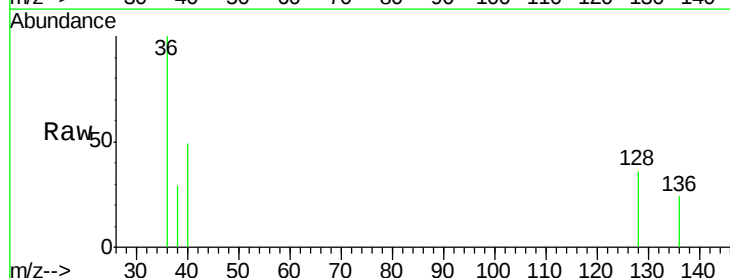


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BF0

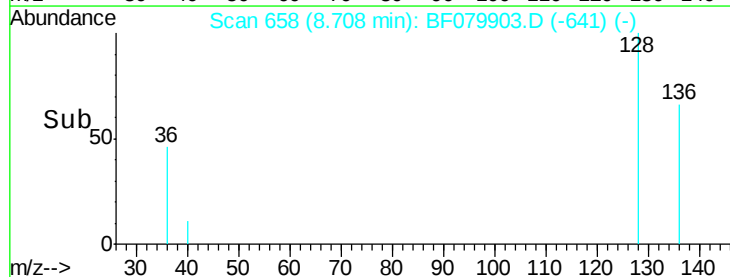
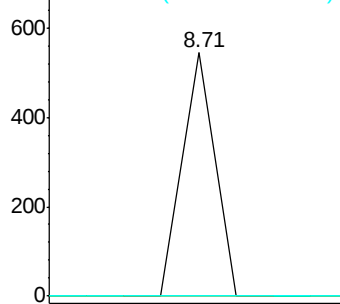


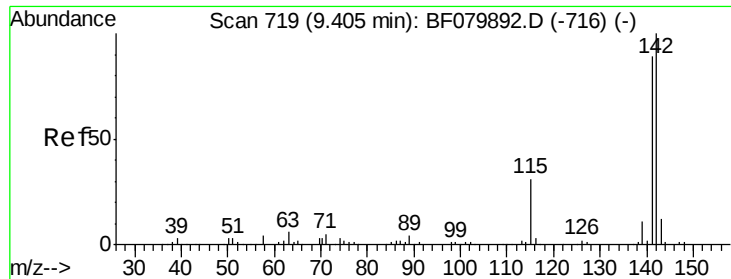
#31
Naphthalene
Concen: 0.04 ng
RT: 8.71 min Scan# 658
Delta R.T. -0.00 min
Lab File: BF079903.D
Acq: 11 Jun 2015 19:05

Tgt Ion: 128 Resp: 373
Ion Ratio Lower Upper
128 100
129 0.0 8.8 13.2#
127 0.0 10.5 15.7#



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

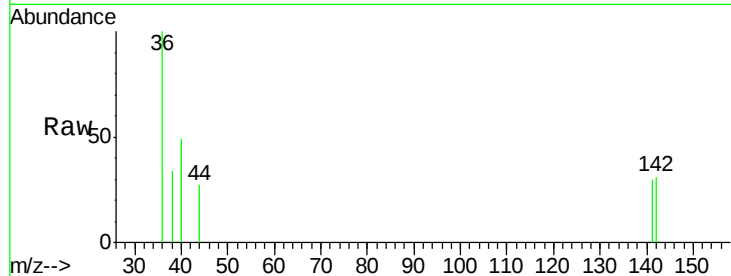




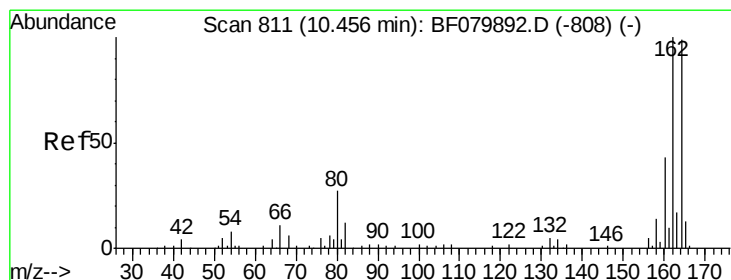
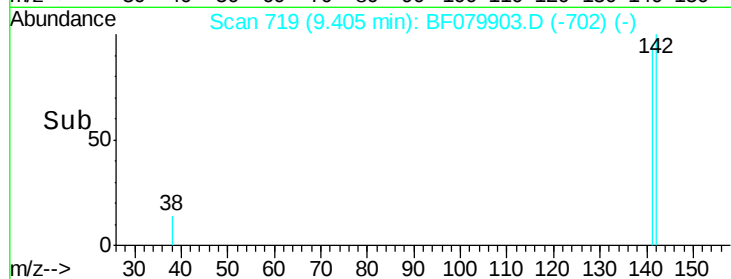
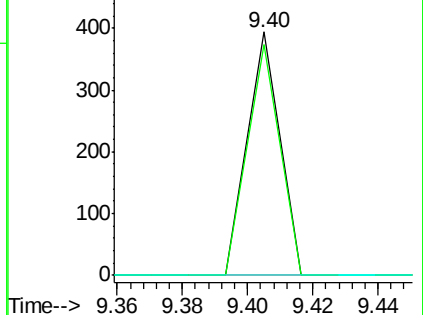
#37
 2-Methylnaphthalene
 Concen: 0.04 ng
 RT: 9.40 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: BF079903.D
 Acq: 11 Jun 2015 19:05

Instrument :
 BNA_F
 ClientSampled :
 MW-8

Tgt Ion:142 Resp: 270
 Ion Ratio Lower Upper
 142 100
 141 94.7 70.9 106.3
 115 0.0 25.0 37.4#

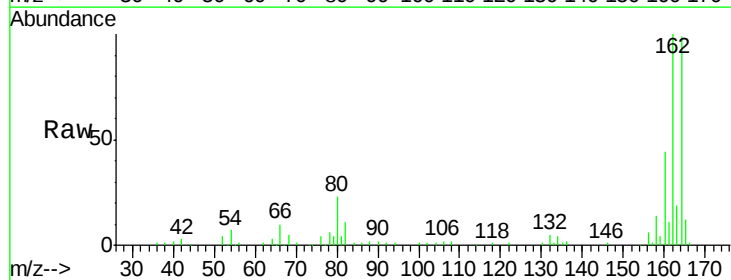


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

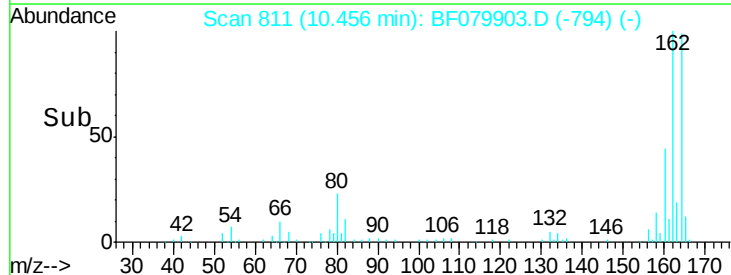
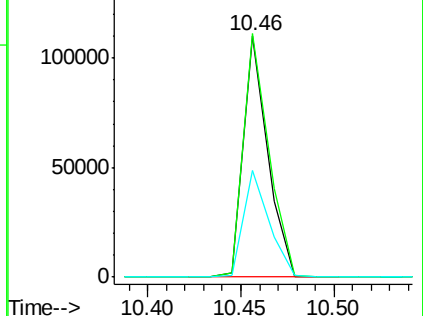


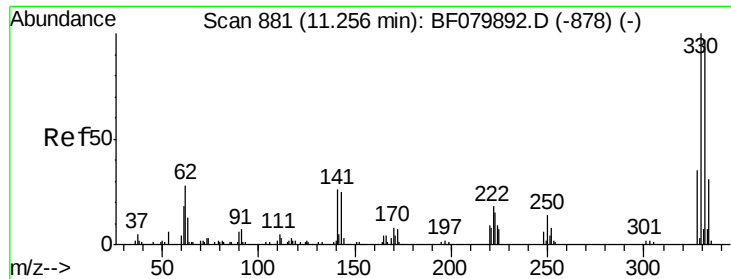
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.46 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF079903.D
 Acq: 11 Jun 2015 19:05

Tgt Ion:164 Resp: 100894
 Ion Ratio Lower Upper
 164 100
 162 101.0 80.7 121.1
 160 44.2 34.6 51.8



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

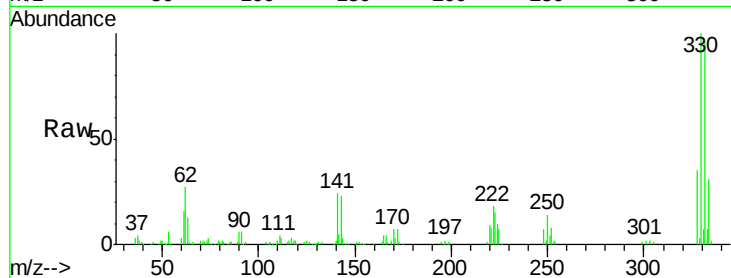




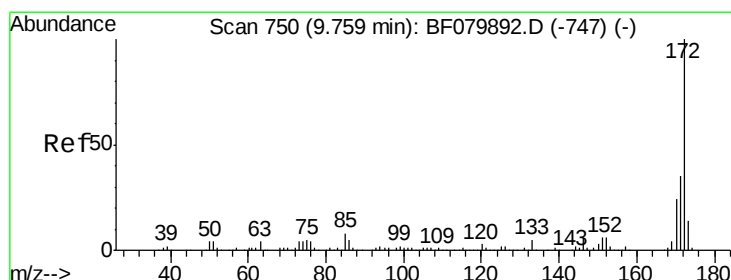
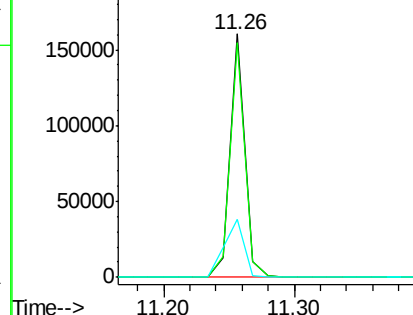
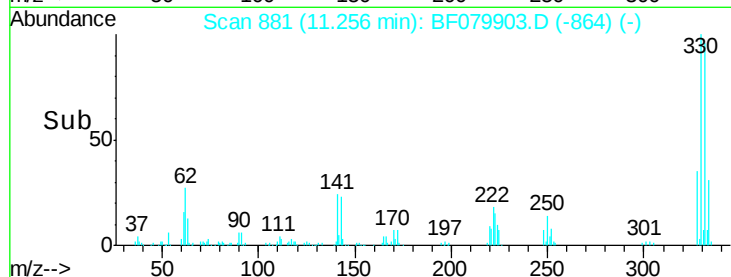
#41
 2,4,6-Tribromophenol
 Concen: 142.54 ng
 RT: 11.26 min Scan# 881
 Delta R.T. -0.00 min
 Lab File: BF079903.D
 Acq: 11 Jun 2015 19:05

Instrument :
 BNA_F
 ClientSampleId :
 MW-8

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	32.2	26.8	40.2

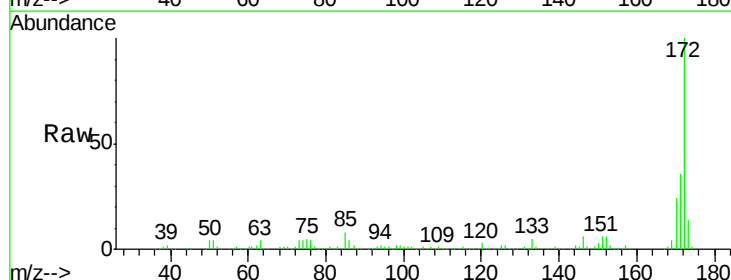


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

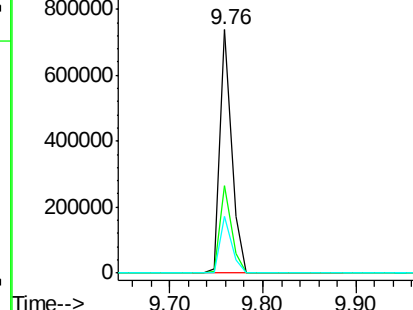
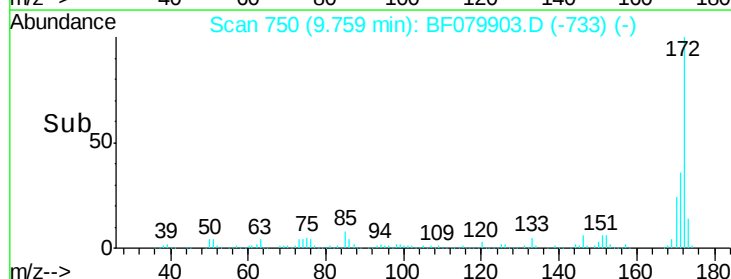


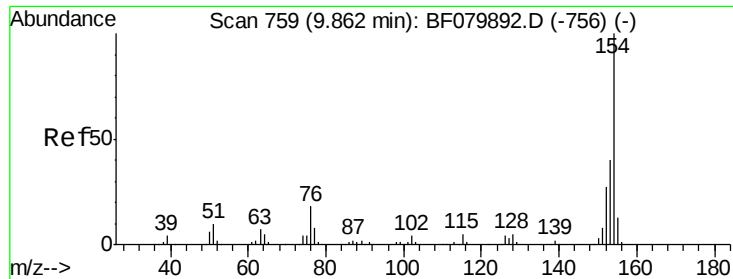
#44
 2-Fluorobiphenyl
 Concen: 89.01 ng
 RT: 9.76 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF079903.D
 Acq: 11 Jun 2015 19:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.3	42.5
170	23.6	19.0	28.4



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

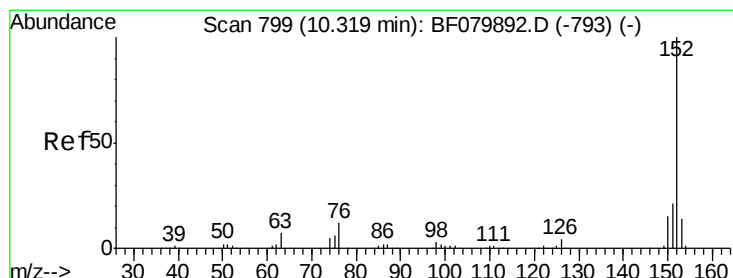
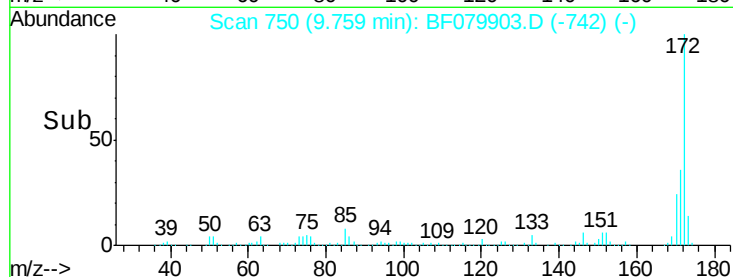
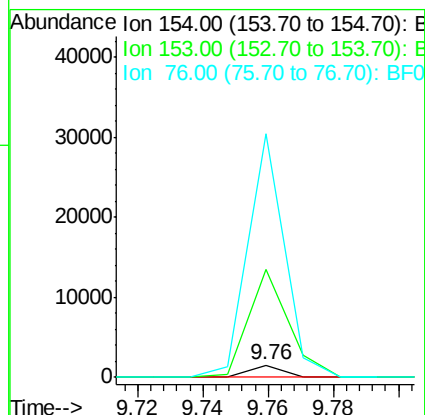
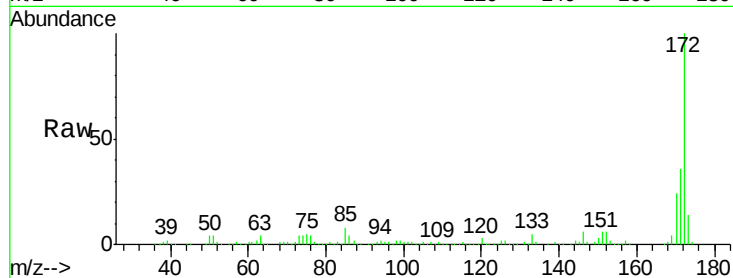




#45
 1,1'-Biphenyl
 Concen: 0.12 ng
 RT: 9.76 min Scan# 750
 Delta R.T. -0.10 min
 Lab File: BF079903.D
 Acq: 11 Jun 2015 19:05

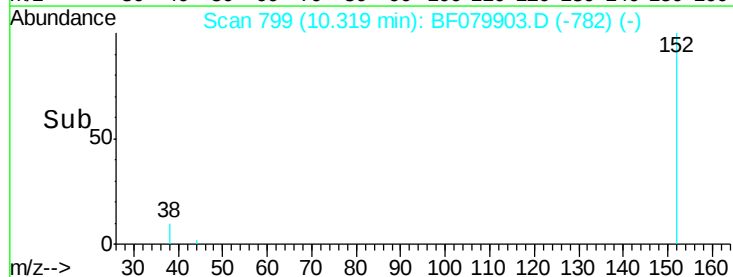
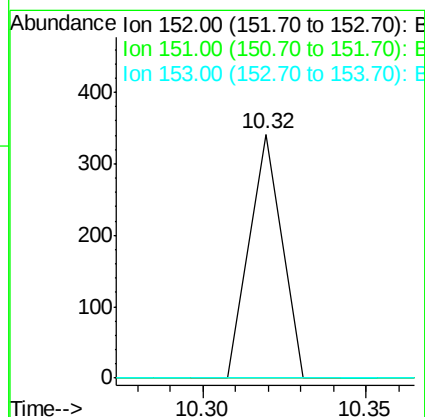
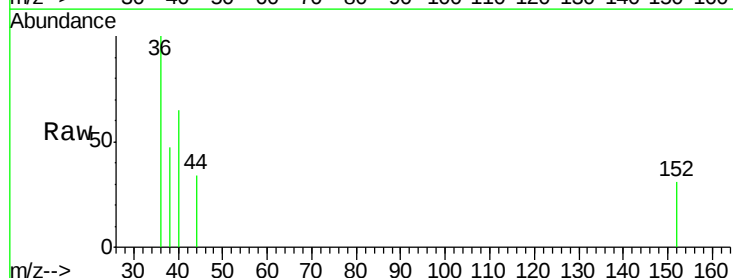
Instrument :
 BNA_F
 ClientSampleId :
 MW-8

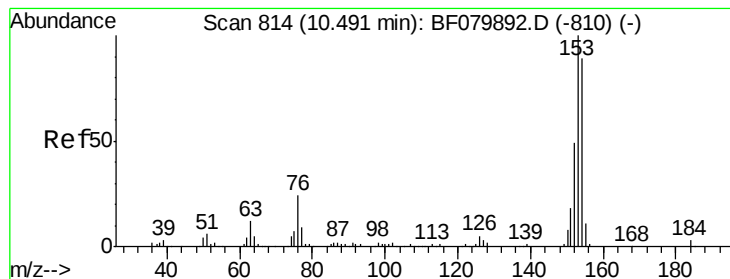
Tgt Ion:154 Resp: 1031
 Ion Ratio Lower Upper
 154 100
 153 894.1 20.1 60.1#
 76 2024.2 0.0 38.4#



#48
 Acenaphthylene
 Concen: 0.02 ng
 RT: 10.32 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF079903.D
 Acq: 11 Jun 2015 19:05

Tgt Ion:152 Resp: 234
 Ion Ratio Lower Upper
 152 100
 151 0.0 16.8 25.2#
 153 0.0 10.8 16.2#





#51

Acenaphthene

Concen: 0.03 ng

RT: 10.46 min Scan# 811

Delta R.T. -0.03 min

Lab File: BF079903.D

Acq: 11 Jun 2015 19:05

Instrument :

BNA_F

ClientSampleId :

MW-8

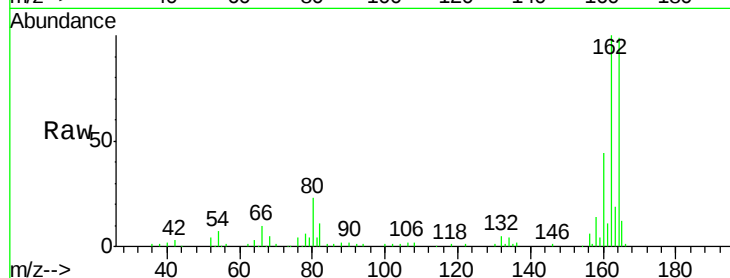
Tgt Ion:154 Resp: 226

Ion Ratio Lower Upper

154 100

153 0.0 90.0 135.0#

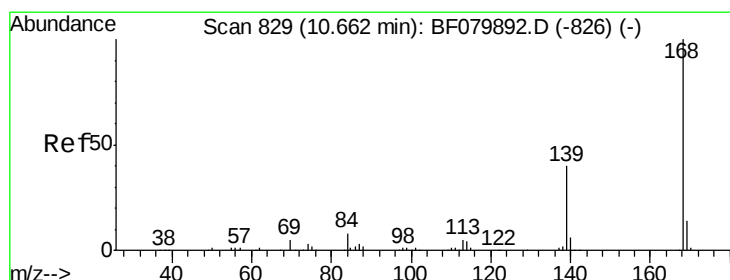
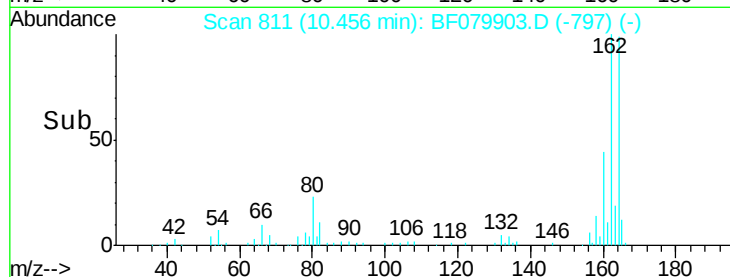
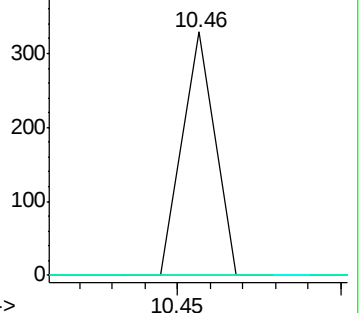
152 0.0 43.7 65.5#



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: 0.03 ng

RT: 10.66 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF079903.D

Acq: 11 Jun 2015 19:05

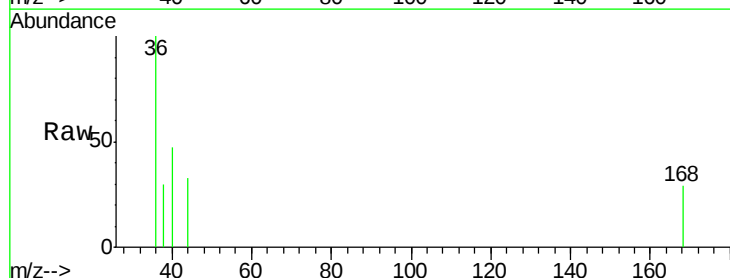
Tgt Ion:168 Resp: 250

Ion Ratio Lower Upper

168 100

139 0.0 32.2 48.2#

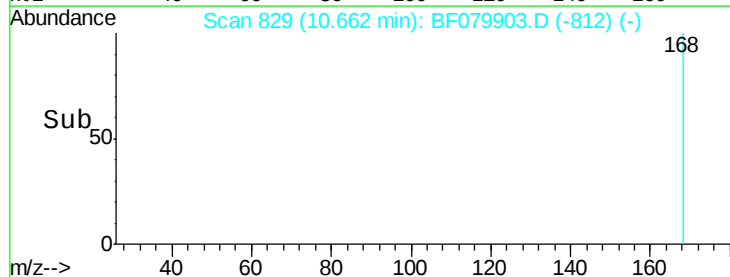
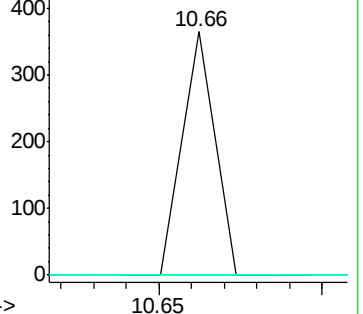
169 0.0 11.0 16.6#

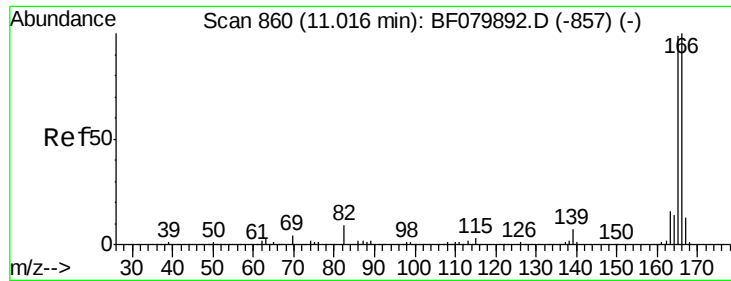


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

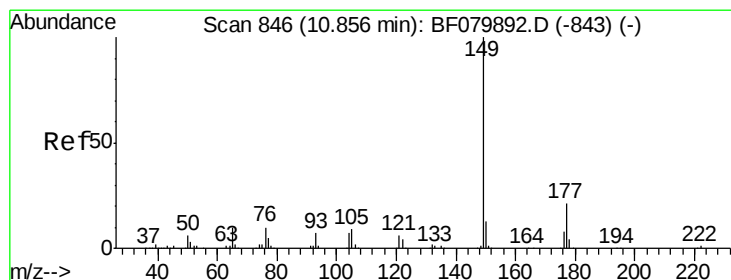
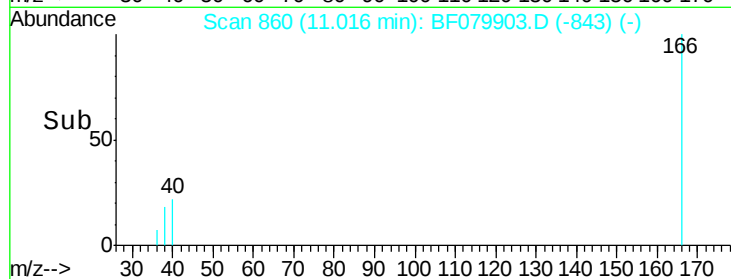
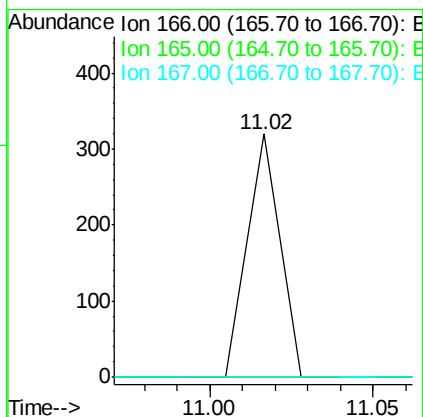
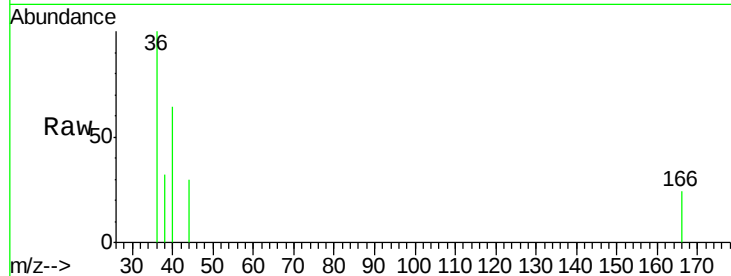




#57
Fluorene
 Concen: 0.03 ng
 RT: 11.02 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: BF079903.D
 Acq: 11 Jun 2015 19:05

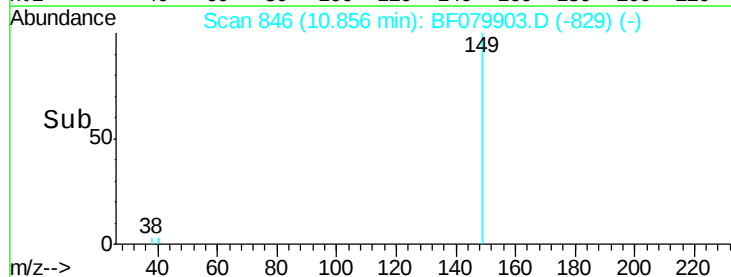
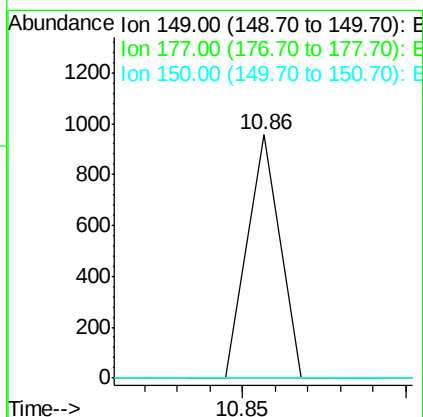
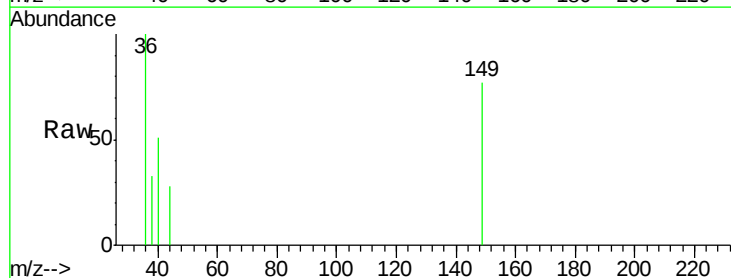
Instrument :
 BNA_F
 ClientSampleId :
 MW-8

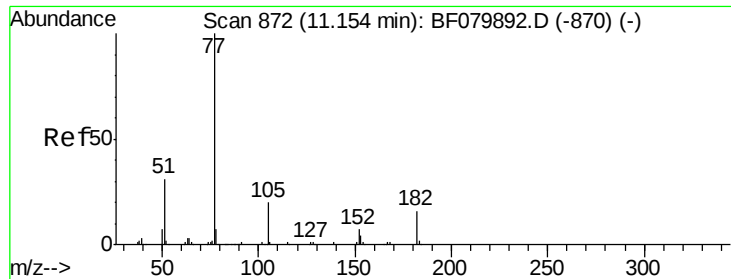
Tgt Ion:166 Resp: 219
 Ion Ratio Lower Upper
 166 100
 165 0.0 79.0 118.6#
 167 0.0 10.3 15.5#



#59
Diethylphthalate
 Concen: 0.08 ng
 RT: 10.86 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BF079903.D
 Acq: 11 Jun 2015 19:05

Tgt Ion:149 Resp: 656
 Ion Ratio Lower Upper
 149 100
 177 0.0 16.9 25.3#
 150 0.0 10.4 15.6#





#62

Azobenzene

Concen: 0.08 ng

RT: 11.26 min Scan# 881

Delta R.T. 0.10 min

Lab File: BF079903.D

Acq: 11 Jun 2015 19:05

Instrument :

BNA_F

ClientSampleId :

MW-8

Tgt Ion: 77 Resp: 641

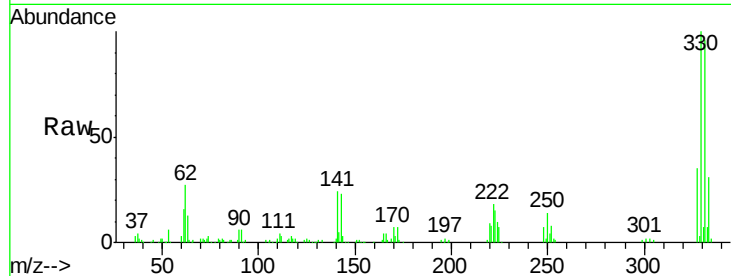
Ion Ratio Lower Upper

77 100

182 0.0 0.0 35.9

105 133.3 0.1 40.1#

51 99.8 11.5 51.5#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

1000

800

600

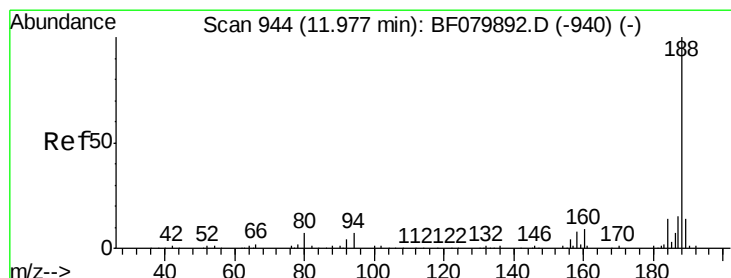
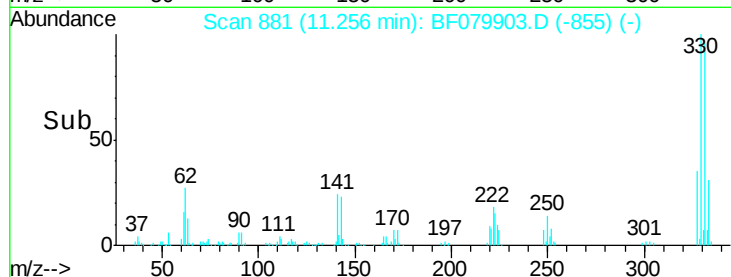
400

200

0

11.20 11.25

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.98 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF079903.D

Acq: 11 Jun 2015 19:05

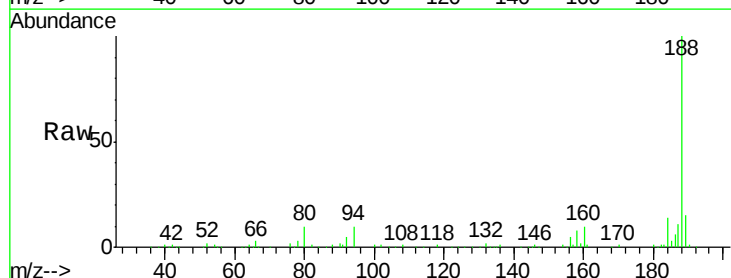
Tgt Ion: 188 Resp: 223211

Ion Ratio Lower Upper

188 100

94 9.9 5.8 8.8#

80 10.4 5.9 8.9#



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

300000

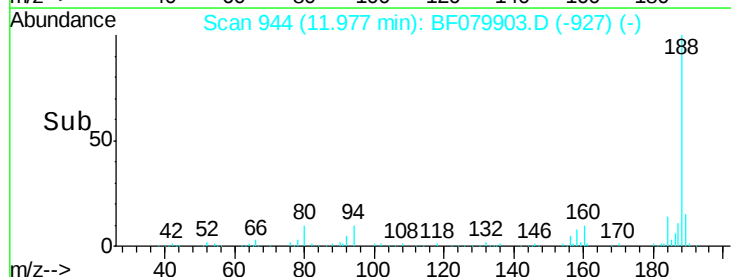
200000

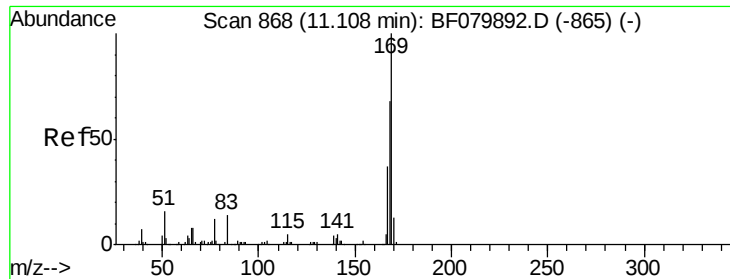
100000

0

11.95 12.00

Time-->





#65

n-Nitrosodiphenylamine

Concen: 0.47 ng

RT: 11.26 min Scan# 881

Delta R.T. 0.15 min

Lab File: BF079903.D

Acq: 11 Jun 2015 19:05

Instrument :

BNA_F

ClientSampleId :

MW-8

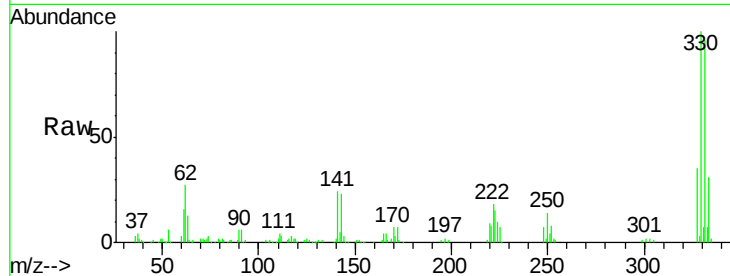
Tgt Ion:169 Resp: 3497

Ion Ratio Lower Upper

169 100

168 0.0 54.2 81.4#

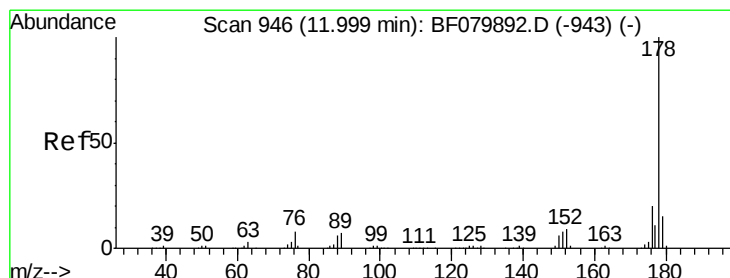
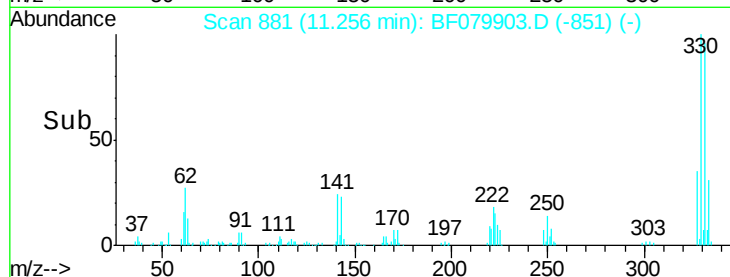
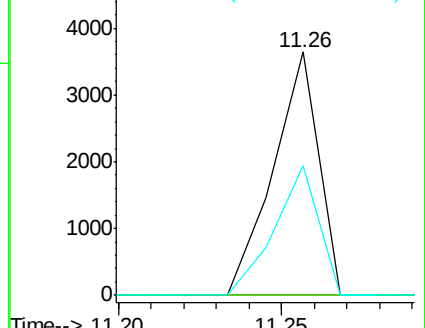
167 53.2 29.7 44.5#



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



#70

Phenanthrene

Concen: 0.06 ng

RT: 12.00 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF079903.D

Acq: 11 Jun 2015 19:05

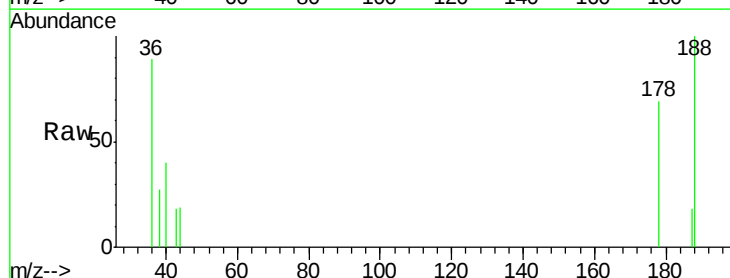
Tgt Ion:178 Resp: 812

Ion Ratio Lower Upper

178 100

176 0.0 15.9 23.9#

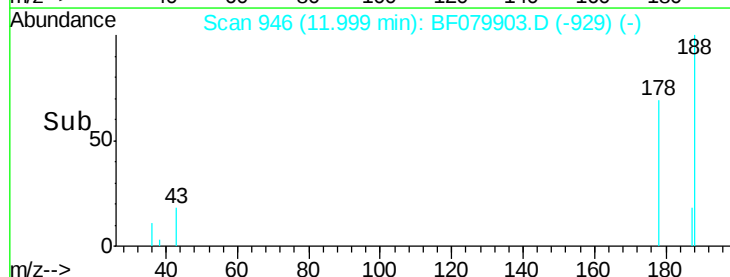
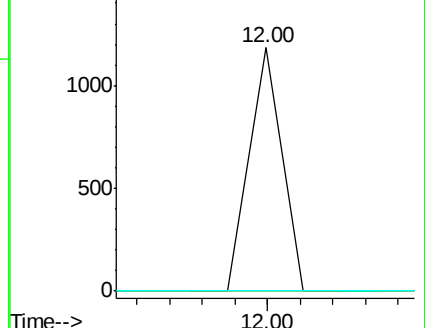
179 0.0 12.3 18.5#

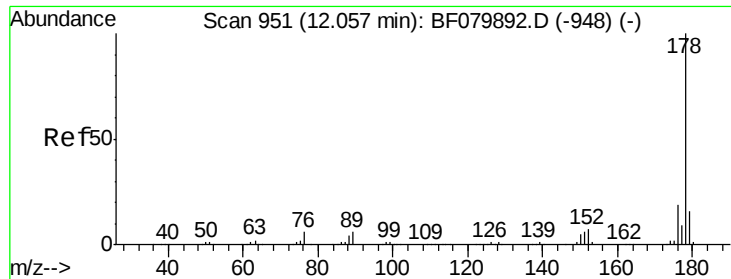


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

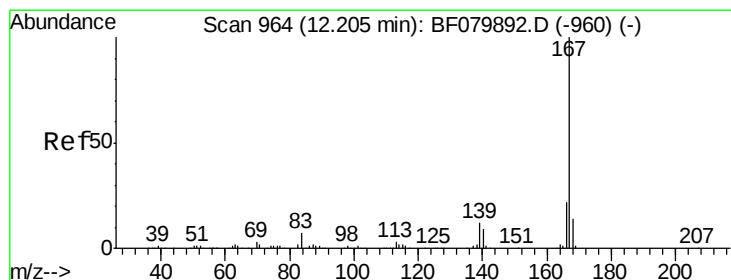
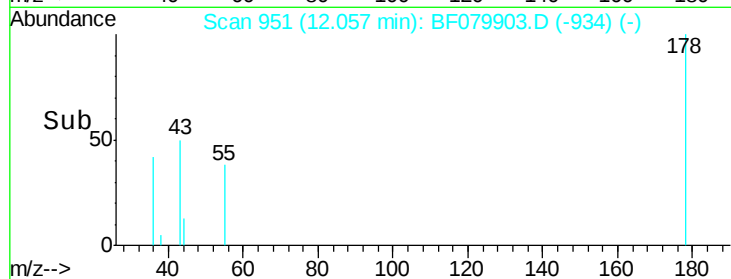
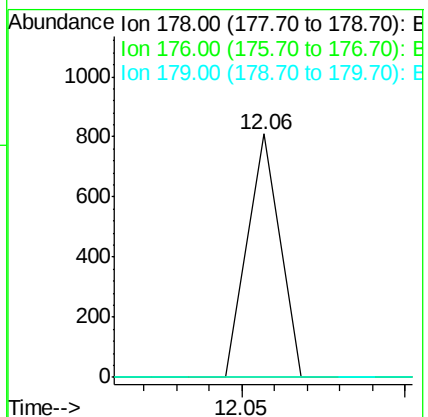
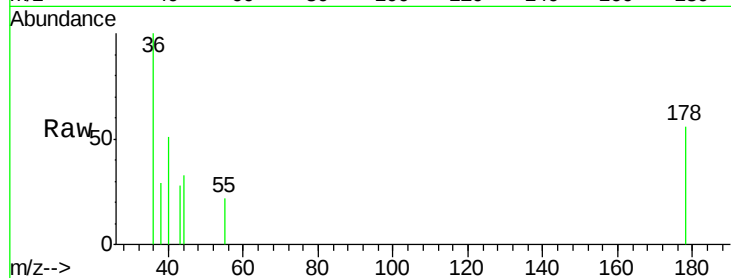




#71
 Anthracene
 Concen: 0.04 ng
 RT: 12.06 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF079903.D
 Acq: 11 Jun 2015 19:05

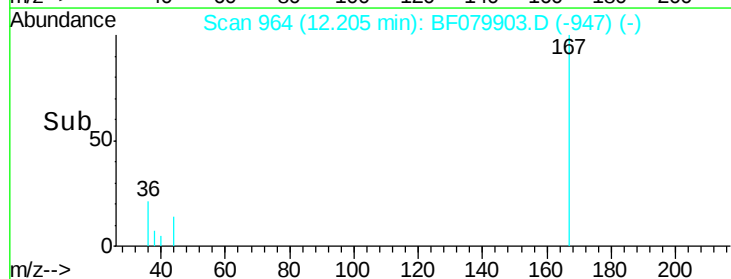
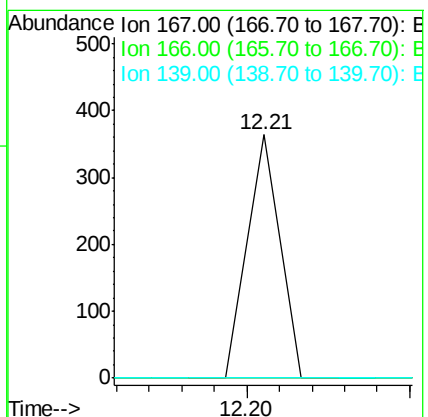
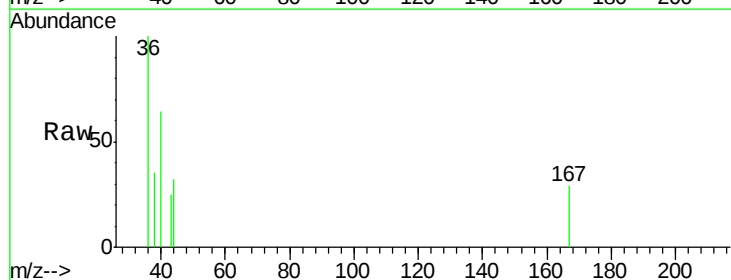
Instrument :
 BNA_F
 ClientSampleId :
 MW-8

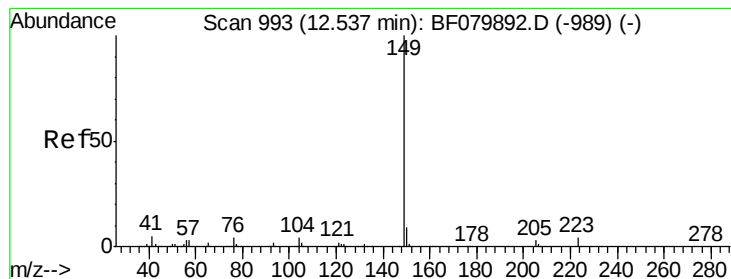
Tgt Ion:178 Resp: 555
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.2 22.8#
 179 0.0 12.5 18.7#



#72
 Carbazole
 Concen: 0.02 ng
 RT: 12.21 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: BF079903.D
 Acq: 11 Jun 2015 19:05

Tgt Ion:167 Resp: 250
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.4 26.2#
 139 0.0 9.5 14.3#





#73

Di-n-butylphthalate

Concen: 0.05 ng

RT: 12.55 min Scan# 994

Delta R.T. 0.01 min

Lab File: BF079903.D

Acq: 11 Jun 2015 19:05

Instrument :

BNA_F

ClientSampleId :

MW-8

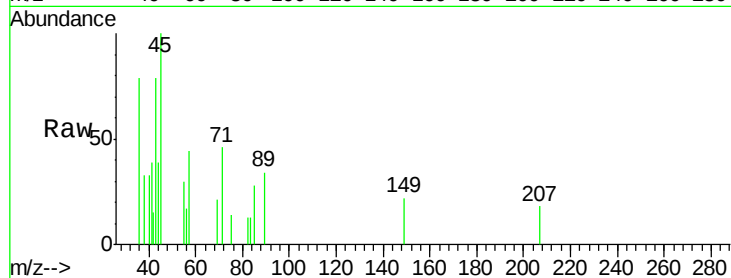
Tgt Ion:149 Resp: 580

Ion Ratio Lower Upper

149 100

150 0.0 7.2 10.8#

104 0.0 3.3 4.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

12.55

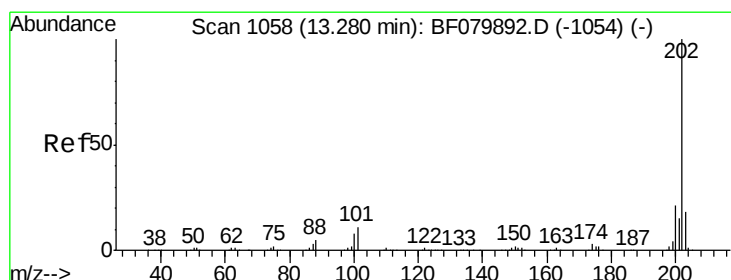
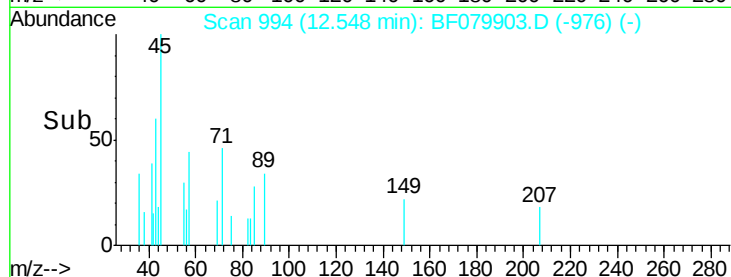
400

200

0

12.50 12.55

Time-->



#74

Fluoranthene

Concen: 0.04 ng

RT: 13.30 min Scan# 1060

Delta R.T. 0.02 min

Lab File: BF079903.D

Acq: 11 Jun 2015 19:05

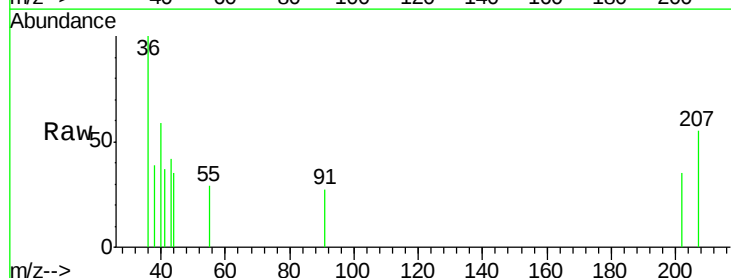
Tgt Ion:202 Resp: 551

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.7

203 0.0 0.0 38.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

13.30

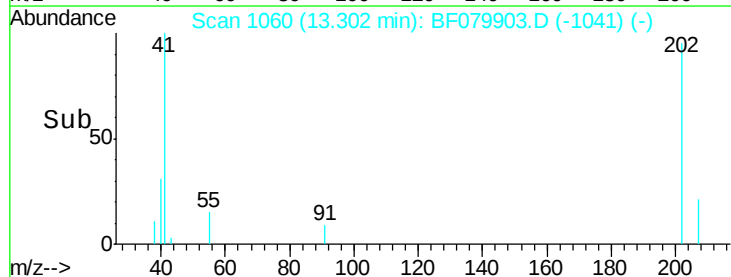
400

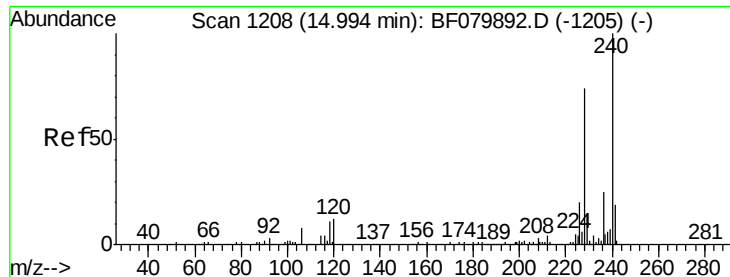
200

0

13.25 13.30

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.04 min Scan# 1212

Delta R.T. 0.05 min

Lab File: BF079903.D

Acq: 11 Jun 2015 19:05

Instrument :

BNA_F

ClientSampleId :

MW-8

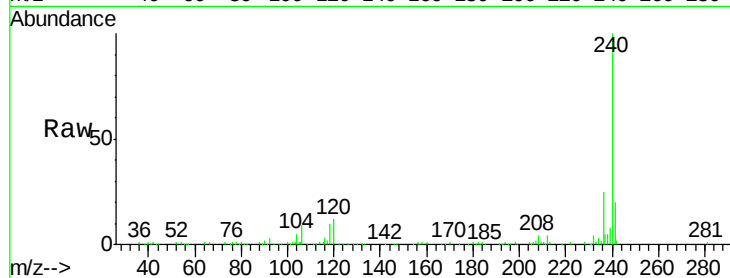
Tgt Ion:240 Resp: 241596

Ion Ratio Lower Upper

240 100

120 12.2 9.4 14.2

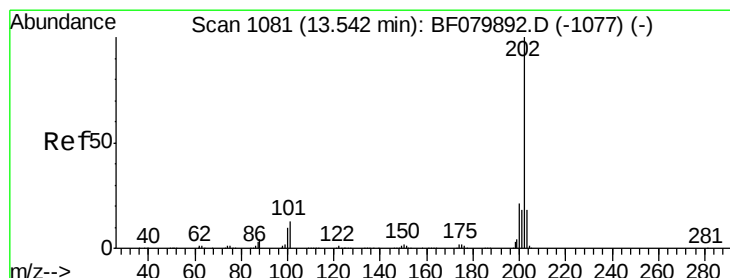
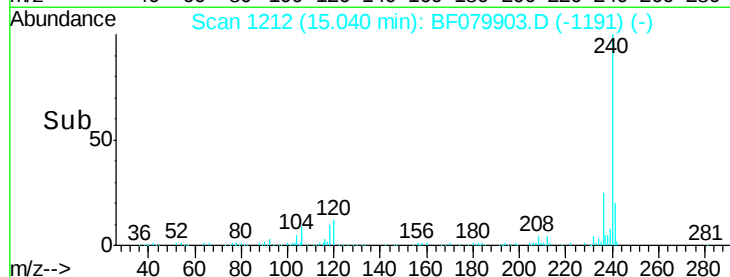
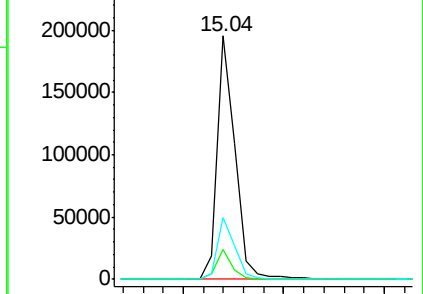
236 25.3 19.6 29.4



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: 0.05 ng

RT: 13.57 min Scan# 1083

Delta R.T. 0.02 min

Lab File: BF079903.D

Acq: 11 Jun 2015 19:05

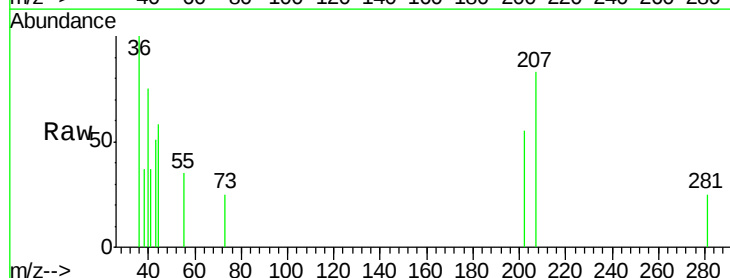
Tgt Ion:202 Resp: 697

Ion Ratio Lower Upper

202 100

200 0.0 16.8 25.2#

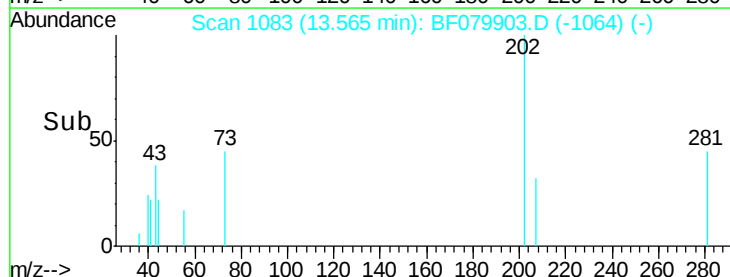
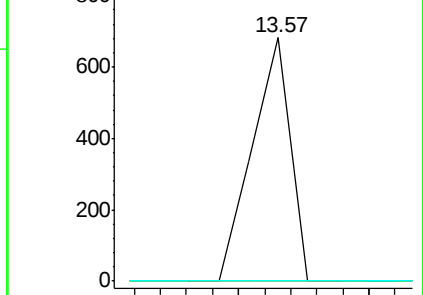
203 0.0 14.4 21.6#

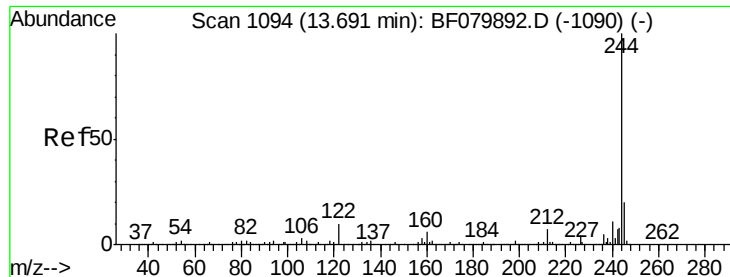


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 82.16 ng

RT: 13.71 min Scan# 1096

Delta R.T. 0.02 min

Lab File: BF079903.D

Acq: 11 Jun 2015 19:05

Instrument :

BNA_F

ClientSampled :

MW-8

Tgt Ion:244 Resp: 873581

Ion Ratio Lower Upper

244 100

212 7.4

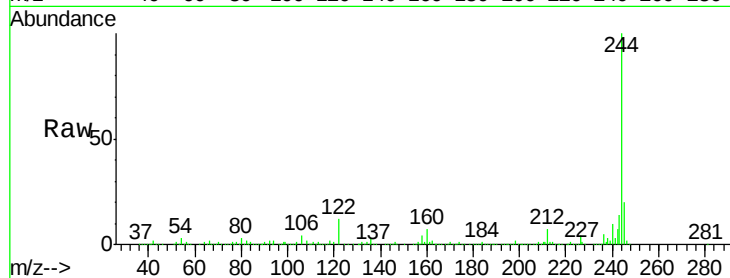
5.4

8.2

122 12.5

7.8

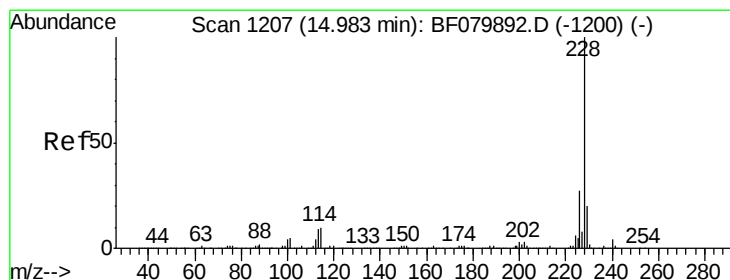
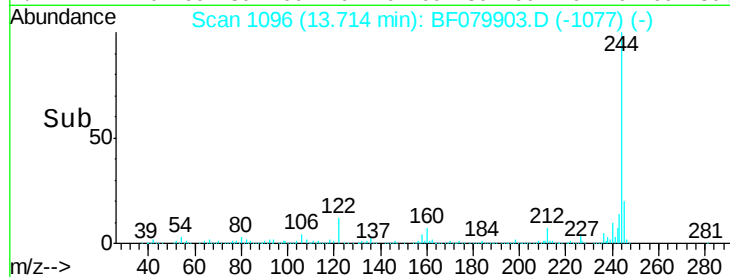
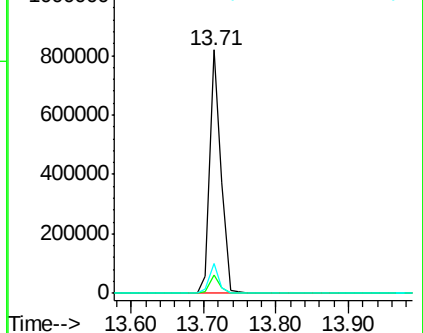
11.8#



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



#80

Benzo(a)anthracene

Concen: 0.12 ng

RT: 15.04 min Scan# 1212

Delta R.T. 0.06 min

Lab File: BF079903.D

Acq: 11 Jun 2015 19:05

Tgt Ion:228 Resp: 1685

Ion Ratio Lower Upper

228 100

226 0.0

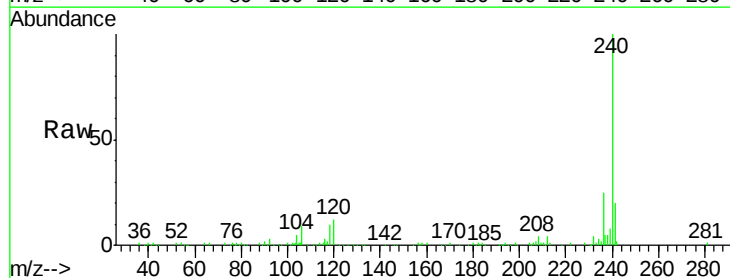
21.8

32.8#

229 0.0

15.9

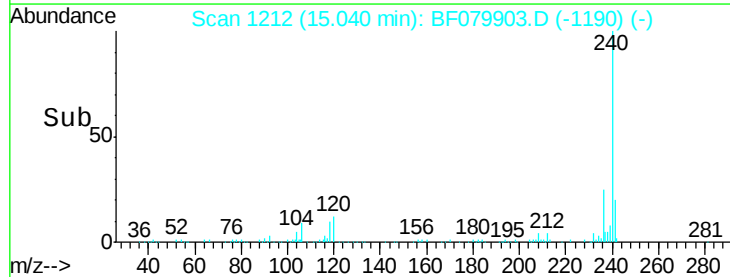
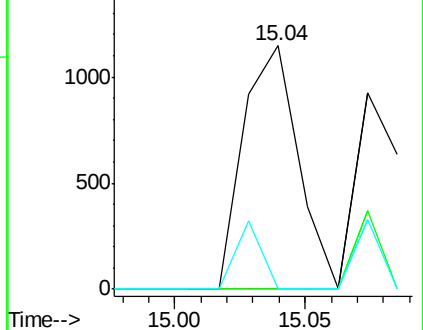
23.9#

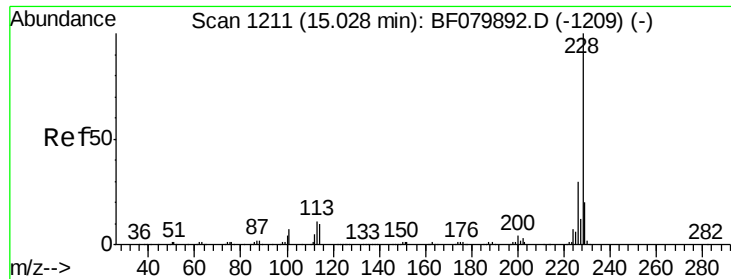


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 0.08 ng

RT: 15.07 min Scan# 1215

Delta R.T. 0.05 min

Lab File: BF079903.D

Acq: 11 Jun 2015 19:05

Instrument :

BNA_F

ClientSampleId :

MW-8

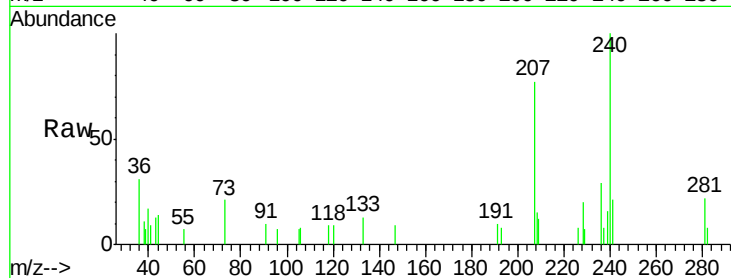
Tgt Ion:228 Resp: 1068

Ion Ratio Lower Upper

228 100

226 40.0 23.9 35.9#

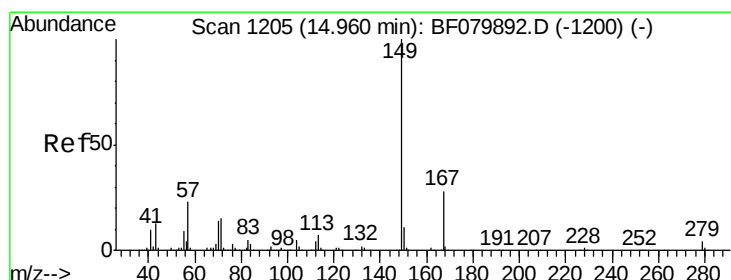
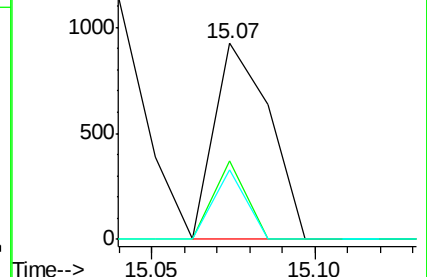
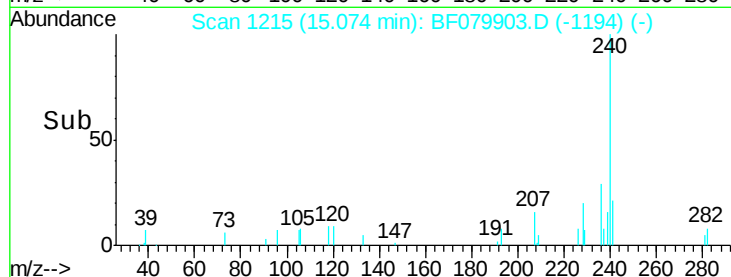
229 35.5 16.1 24.1#



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: 1.09 ng

RT: 15.01 min Scan# 1209

Delta R.T. 0.05 min

Lab File: BF079903.D

Acq: 11 Jun 2015 19:05

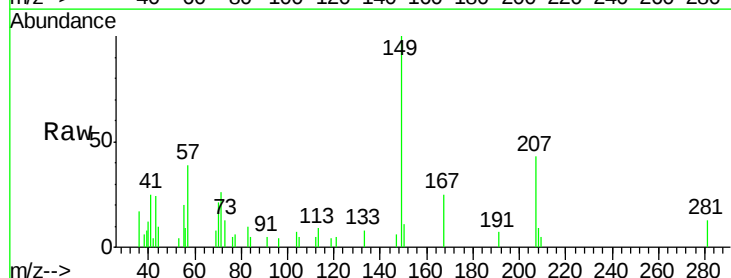
Tgt Ion:149 Resp: 8652

Ion Ratio Lower Upper

149 100

167 25.0 22.2 33.4

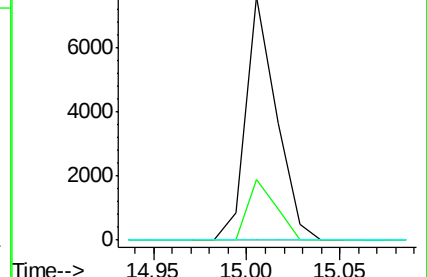
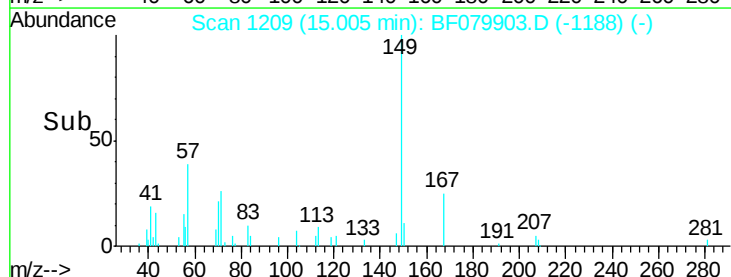
279 0.0 3.1 4.7#

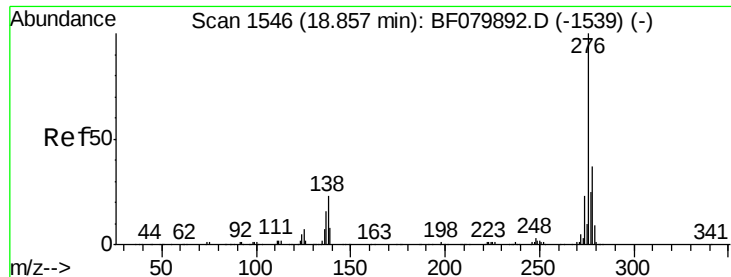


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 0.60 ng

RT: 18.93 min Scan# 1552

Delta R.T. 0.07 min

Lab File: BF079903.D

Acq: 11 Jun 2015 19:05

Instrument :

BNA_F

ClientSampleId :

MW-8

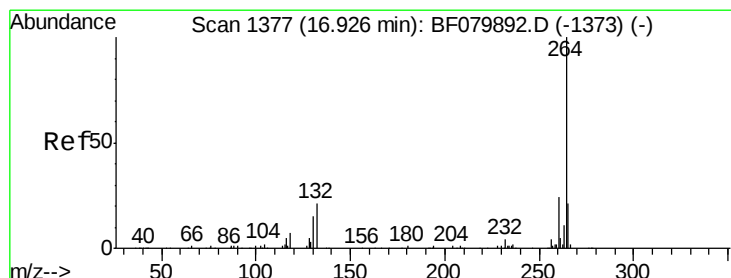
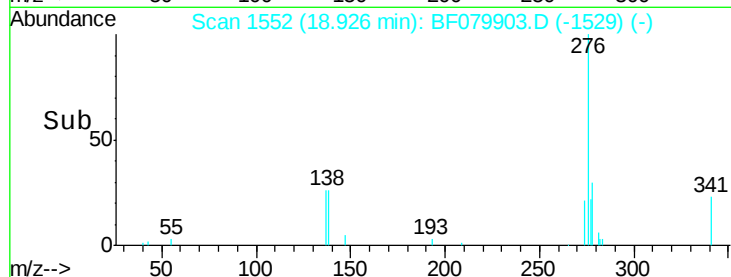
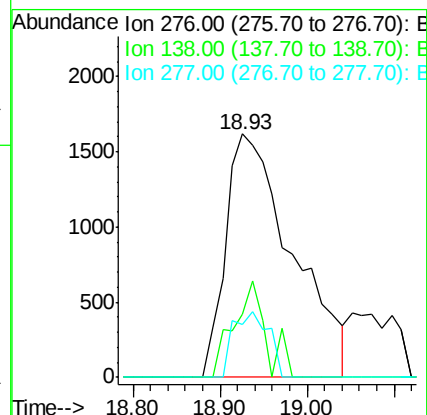
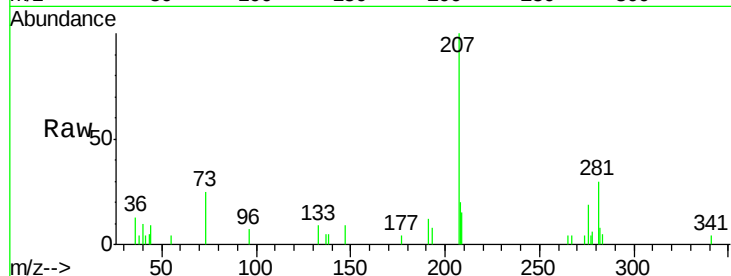
Tgt Ion:276 Resp: 8639

Ion Ratio Lower Upper

276 100

138 19.0 21.0 31.4#

277 14.3 19.9 29.9#



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.01 min Scan# 1384

Delta R.T. 0.08 min

Lab File: BF079903.D

Acq: 11 Jun 2015 19:05

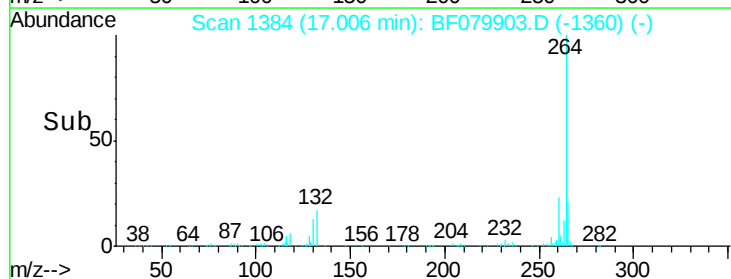
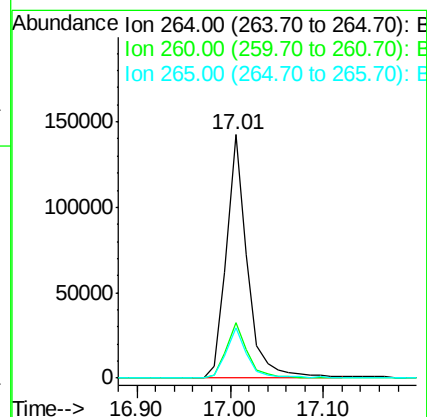
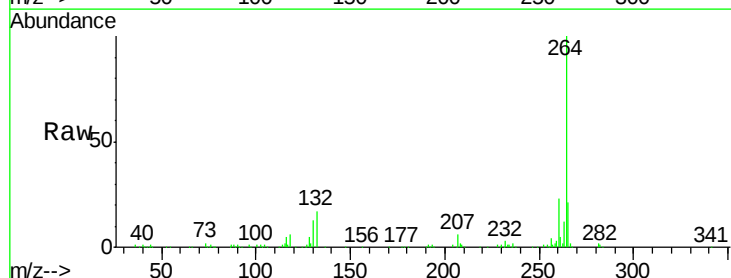
Tgt Ion:264 Resp: 223995

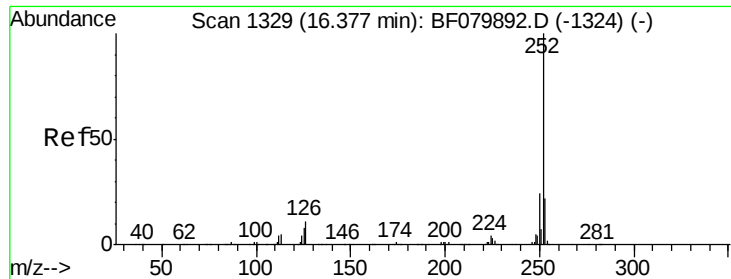
Ion Ratio Lower Upper

264 100

260 23.0 19.3 28.9

265 20.9 17.0 25.6

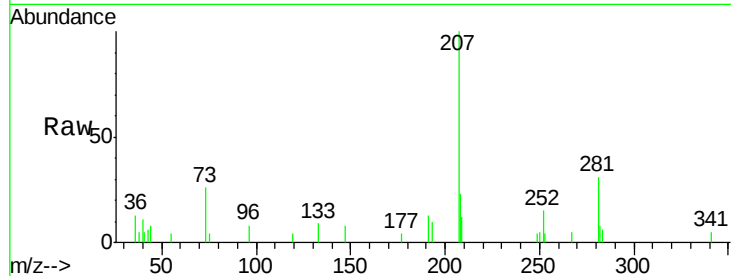




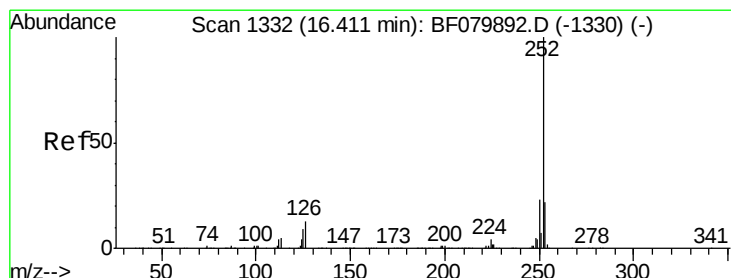
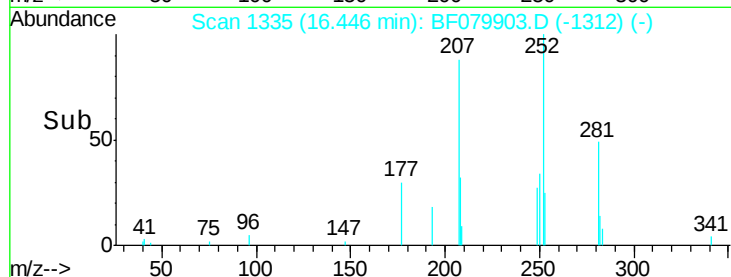
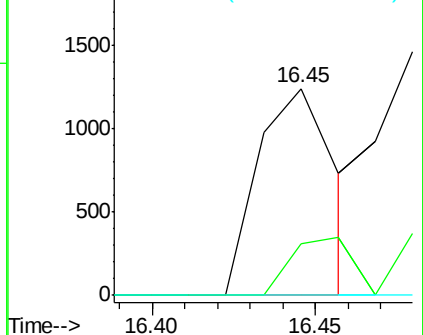
#87
Benzo(b)fluoranthene
Concen: 0.15 ng
RT: 16.45 min Scan# 1335
Delta R.T. 0.07 min
Lab File: BF079903.D
Acq: 11 Jun 2015 19:05

Instrument :
BNA_F
ClientSampleId :
MW-8

Tgt Ion: 252 Resp: 2024
Ion Ratio Lower Upper
252 100
253 25.0 17.8 26.6
125 0.0 6.5 9.7#

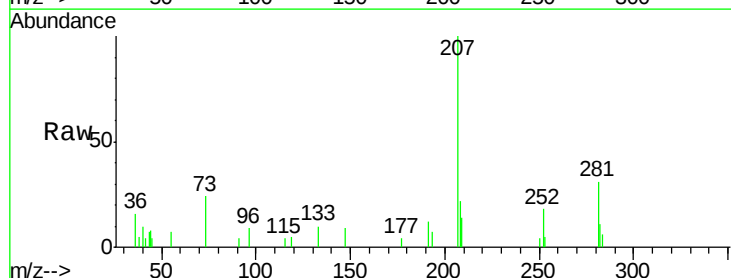


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

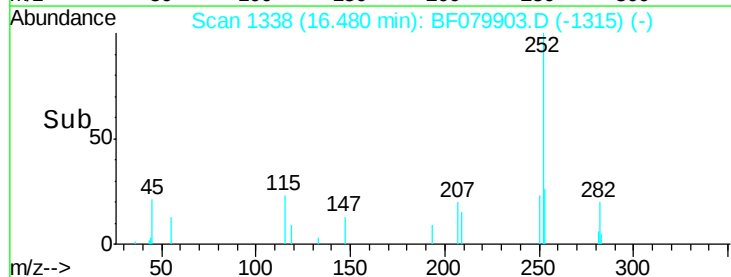
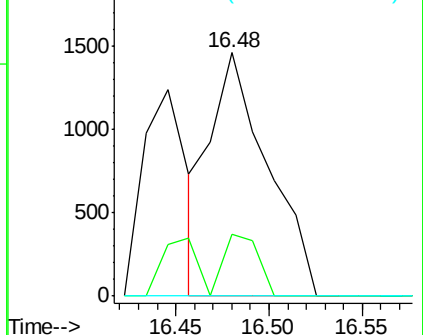


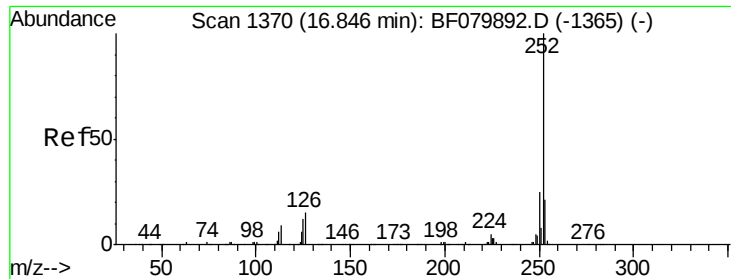
#88
Benzo(k)fluoranthene
Concen: 0.22 ng
RT: 16.48 min Scan# 1338
Delta R.T. 0.07 min
Lab File: BF079903.D
Acq: 11 Jun 2015 19:05

Tgt Ion: 252 Resp: 3108
Ion Ratio Lower Upper
252 100
253 25.6 17.4 26.2
125 0.0 7.4 11.0#



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





#89

Benzo(a)pyrene

Concen: 0.26 ng

RT: 16.93 min Scan# 1377

Delta R.T. 0.08 min

Lab File: BF079903.D

Acq: 11 Jun 2015 19:05

Instrument :

BNA_F

ClientSampleId :

MW-8

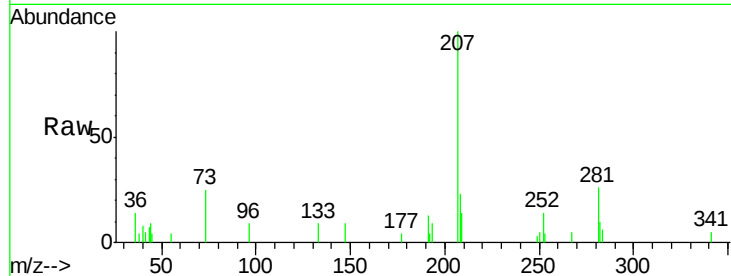
Tgt Ion:252 Resp: 3235

Ion Ratio Lower Upper

252 100

253 30.1 17.0 25.6#

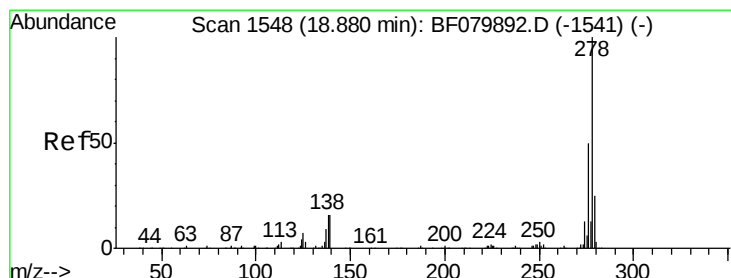
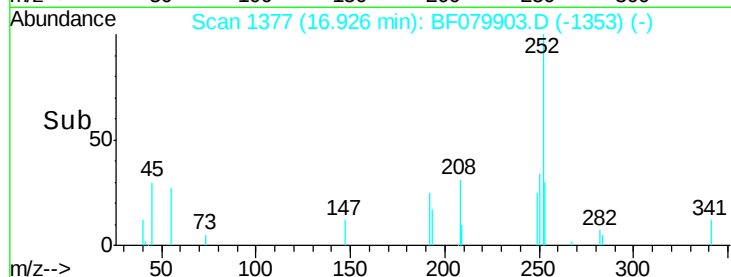
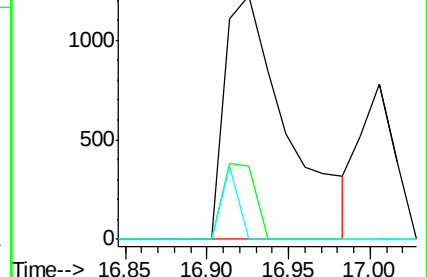
125 0.0 9.7 14.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 0.59 ng

RT: 18.96 min Scan# 1555

Delta R.T. 0.08 min

Lab File: BF079903.D

Acq: 11 Jun 2015 19:05

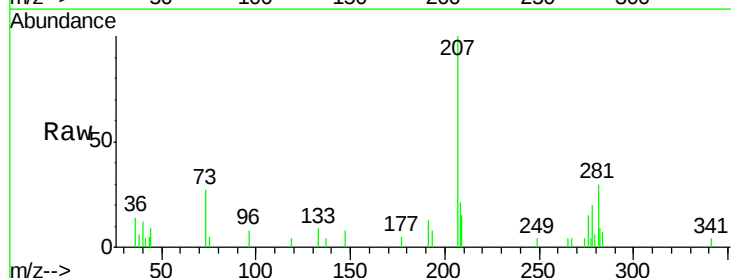
Tgt Ion:278 Resp: 6901

Ion Ratio Lower Upper

278 100

139 0.0 12.8 19.2#

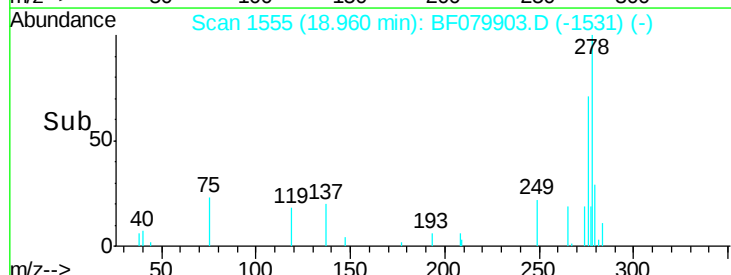
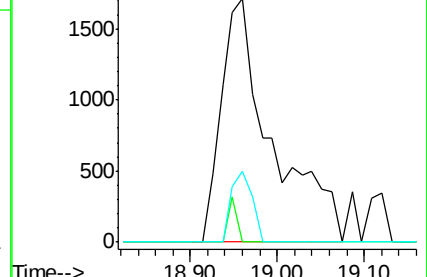
279 29.0 19.7 29.5

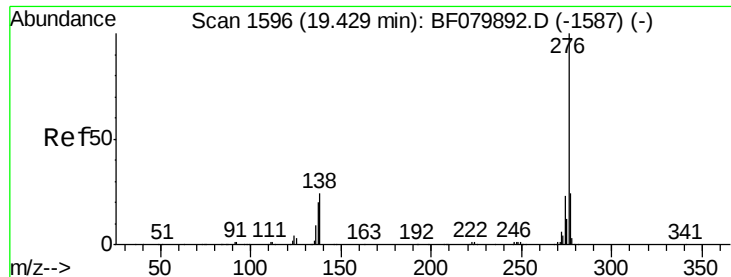


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 0.67 ng

RT: 19.50 min Scan# 1602

Delta R.T. 0.07 min

Lab File: BF079903.D

Acq: 11 Jun 2015 19:05

Instrument :

BNA_F

ClientSampleId :

MW-8

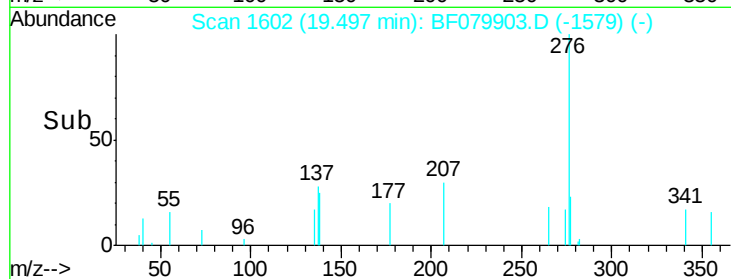
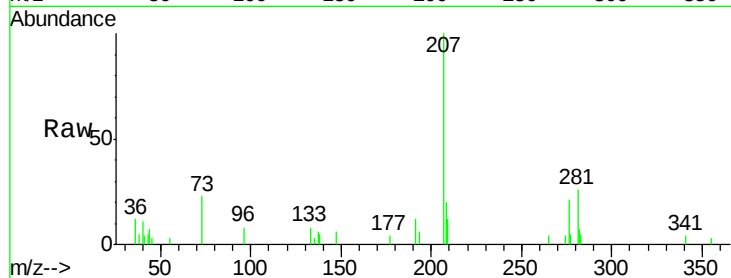
Tgt Ion: 276 Resp: 8279

Ion Ratio Lower Upper

276 100

277 22.6 19.4 29.2

138 25.1 19.1 28.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

