

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
 Data File : BF079446.D
 Acq On : 22 May 2015 21:25
 Operator : TP/IZ
 Sample : G2366-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-1

Quant Time: May 22 23:04:44 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 22 22:53:44 2015
 Response via : Initial Calibration

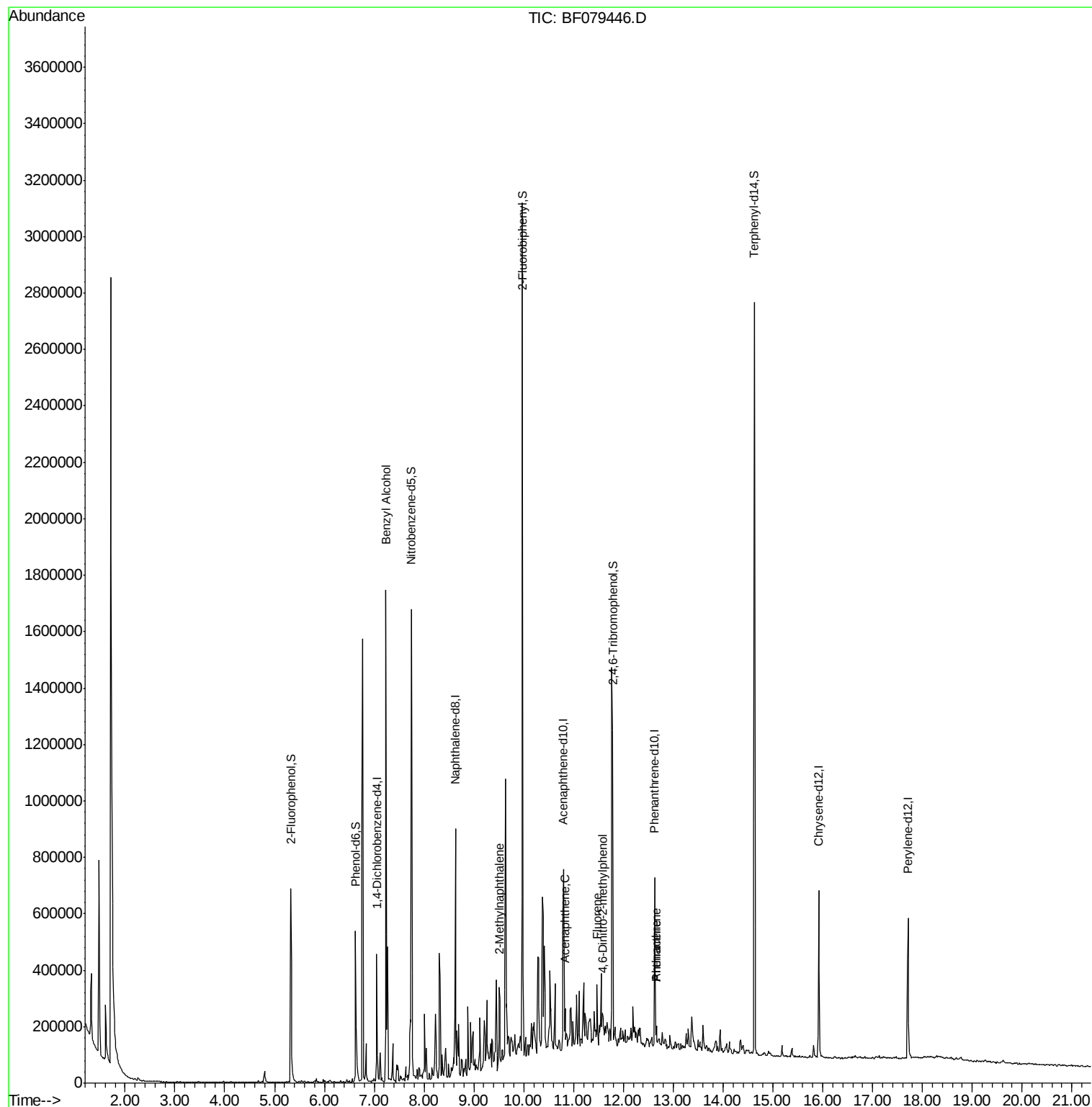
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	71999	20.00	ng	0.00
21) Naphthalene-d8	8.63	136	298373	20.00	ng	0.00
38) Acenaphthene-d10	10.80	164	147630	20.00	ng	0.00
63) Phenanthrene-d10	12.63	188	268057	20.00	ng	-0.01
75) Chrysene-d12	15.92	240	253860	20.00	ng	-0.05
86) Perylene-d12	17.71	264	261150	20.00	ng	-0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	231477	55.34	ng	0.00
7) Phenol-d6	6.63	99	209791	37.95	ng	0.00
23) Nitrobenzene-d5	7.75	82	450898	86.85	ng	0.00
41) 2,4,6-Tribromophenol	11.78	330	248853	155.82	ng	0.00
44) 2-Fluorobiphenyl	9.98	172	925121	87.31	ng	0.00
78) Terphenyl-d14	14.63	244	942926	88.93	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.23	79	8699	2.12	ng	Qvalue # 51
37) 2-Methylnaphthalene	9.52	142	105091	10.67	ng	99
51) Acenaphthene	10.83	154	23858	2.66	ng	99
57) Fluorene	11.47	166	40282	3.79	ng	95
64) 4,6-Dinitro-2-methylphenol	11.59	198	950	2.03	ng	# 1
70) Phenanthrene	12.66	178	32779	2.19	ng	99
71) Anthracene	12.66	178	31444	2.14	ng	99

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

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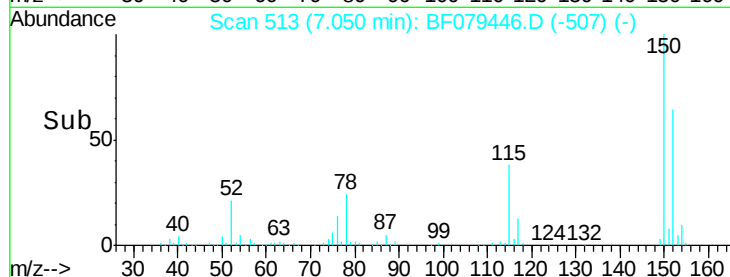
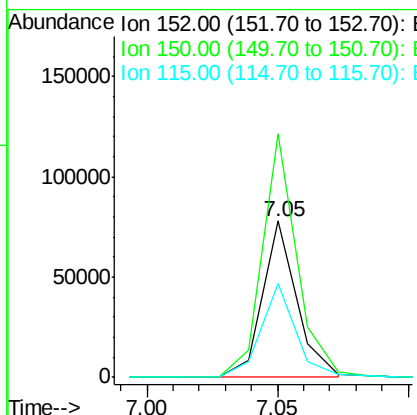
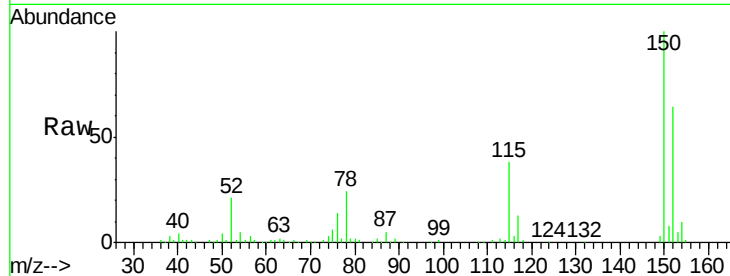




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.05 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF079446.D
 Acq: 22 May 2015 21:25

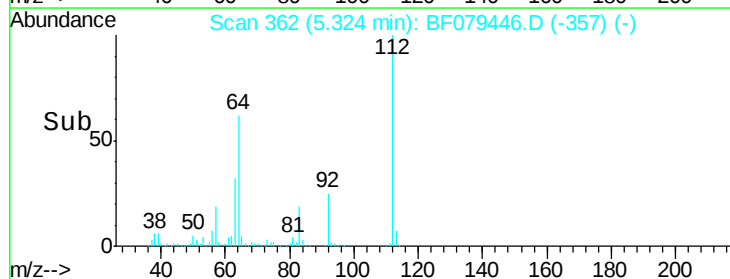
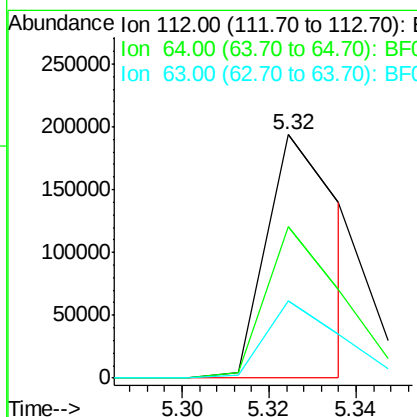
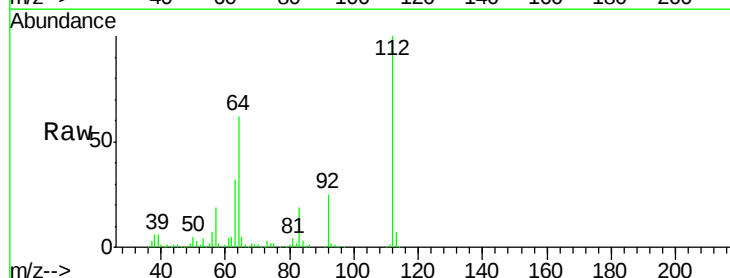
Instrument :
 BNA_F
 ClientSampleId :
 RW-1

Tgt Ion:152 Resp: 71999
 Ion Ratio Lower Upper
 152 100
 150 155.6 123.8 185.8
 115 59.7 49.4 74.0



#5
 2-Fluorophenol
 Concen: 55.34 ng
 RT: 5.32 min Scan# 362
 Delta R.T. 0.00 min
 Lab File: BF079446.D
 Acq: 22 May 2015 21:25

Tgt Ion:112 Resp: 231477
 Ion Ratio Lower Upper
 112 100
 64 62.1 44.2 66.2
 63 31.7 22.7 34.1





#7

Phenol-d6

Concen: 37.95 ng

RT: 6.63 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF079446.D

Acq: 22 May 2015 21:25

Instrument :

BNA_F

ClientSampled :

RW-1

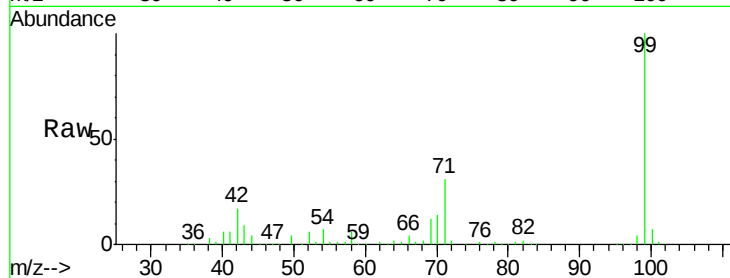
Tgt Ion: 99 Resp: 209791

Ion Ratio Lower Upper

99 100

42 17.3 17.1 25.7

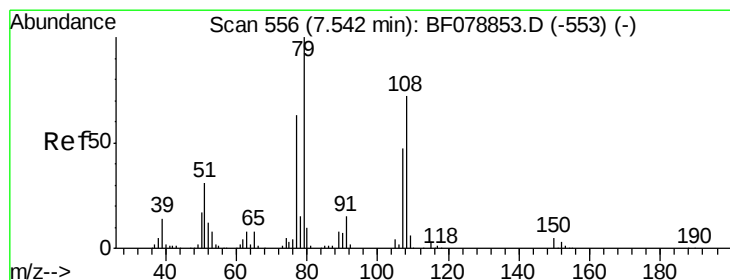
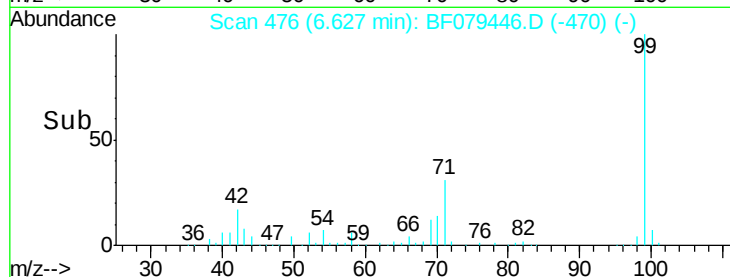
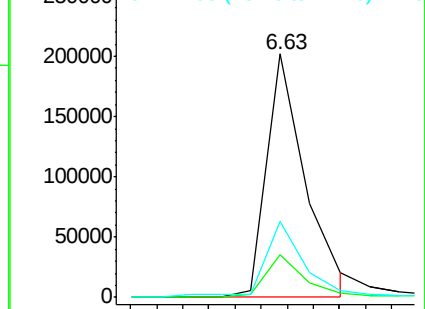
71 31.1 26.3 39.5



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



#15

Benzyl Alcohol

Concen: 2.12 ng

RT: 7.23 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF079446.D

Acq: 22 May 2015 21:25

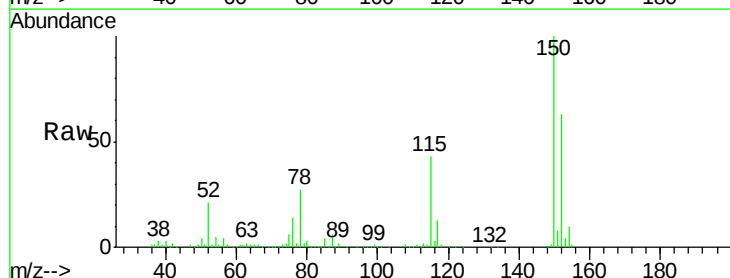
Tgt Ion: 79 Resp: 8699

Ion Ratio Lower Upper

79 100

108 30.7 57.4 86.2#

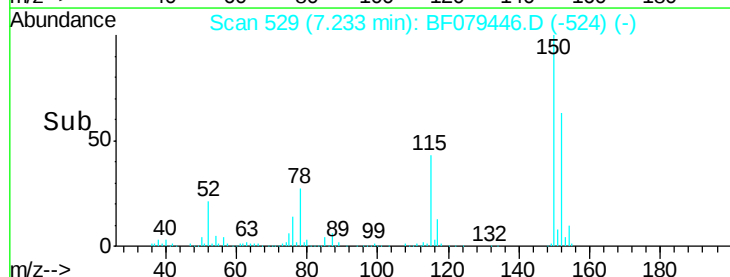
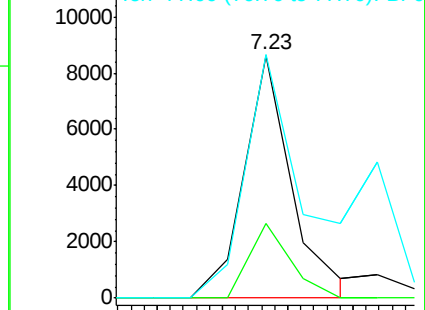
77 100.3 50.2 75.4#

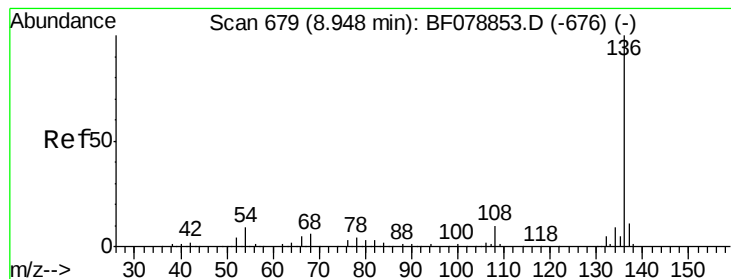


Abundance Ion 79.00 (78.70 to 79.70): BF0

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: 8.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF079446.D

Acq: 22 May 2015 21:25

Instrument :

BNA_F

ClientSampleId :

RW-1

Tgt Ion: 136 Resp: 298373

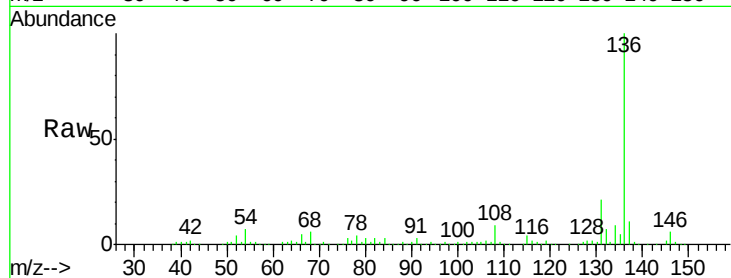
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.2 6.9 10.3

68 5.6 4.9 7.3

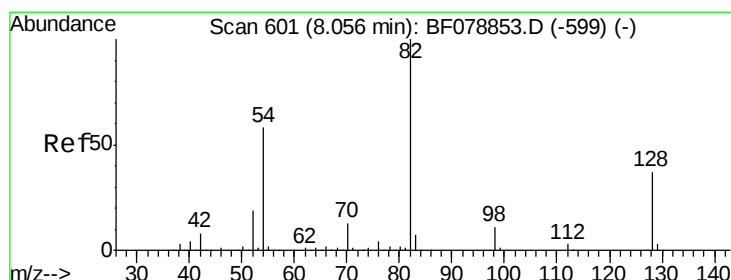
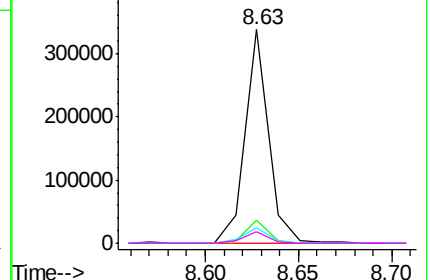
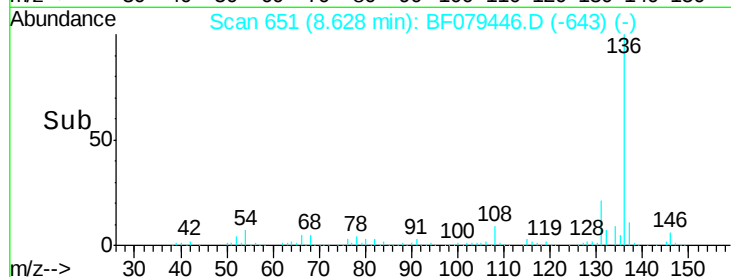


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.85 ng

RT: 7.75 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF079446.D

Acq: 22 May 2015 21:25

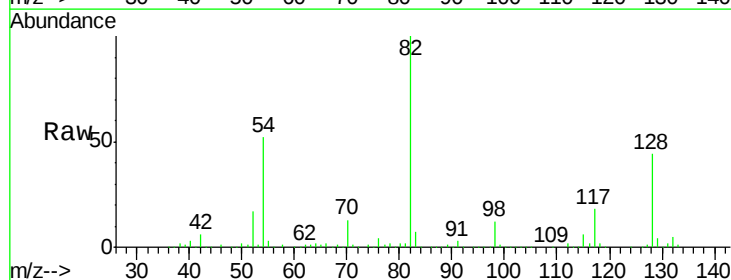
Tgt Ion: 82 Resp: 450898

Ion Ratio Lower Upper

82 100

128 44.2 29.7 44.5

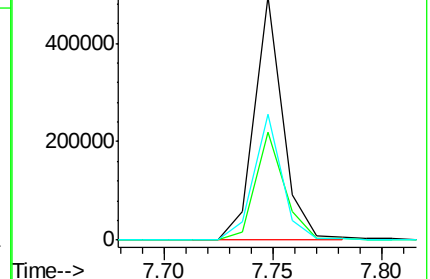
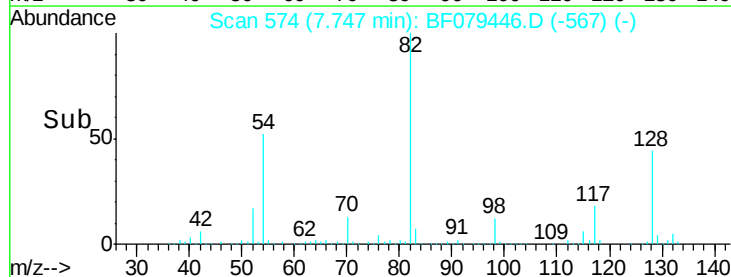
54 51.7 46.2 69.4

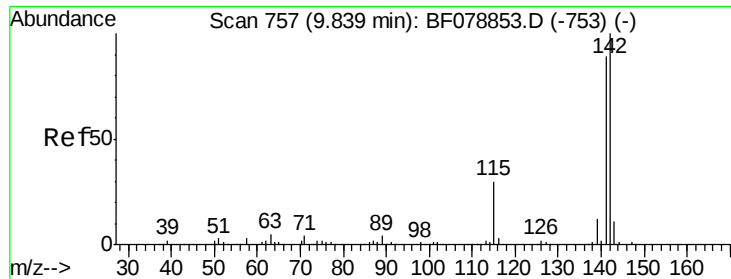


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

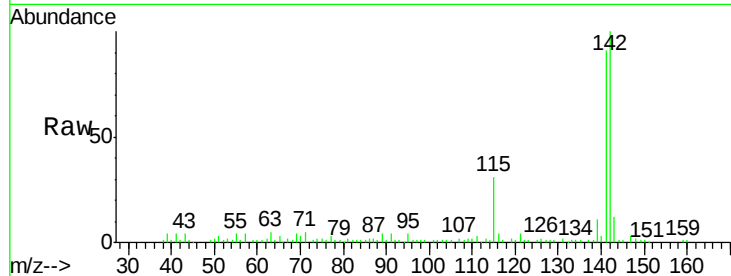




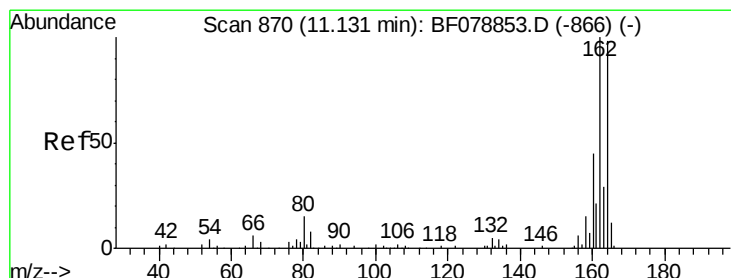
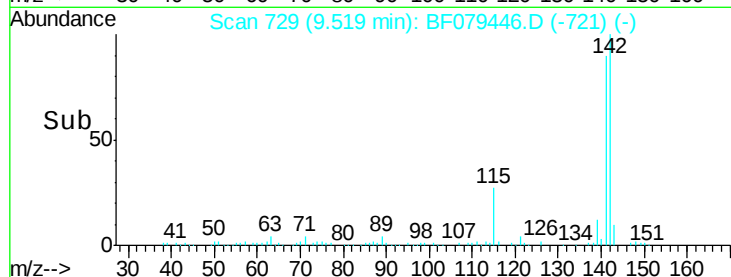
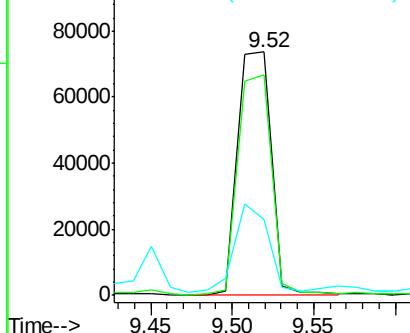
#37
2-Methylnaphthalene
Concen: 10.67 ng
RT: 9.52 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF079446.D
Acq: 22 May 2015 21:25

Instrument :
BNA_F
ClientSampleId :
RW-1

Tgt Ion:142 Resp: 105091
Ion Ratio Lower Upper
142 100
141 90.6 71.6 107.4
115 31.0 24.2 36.4

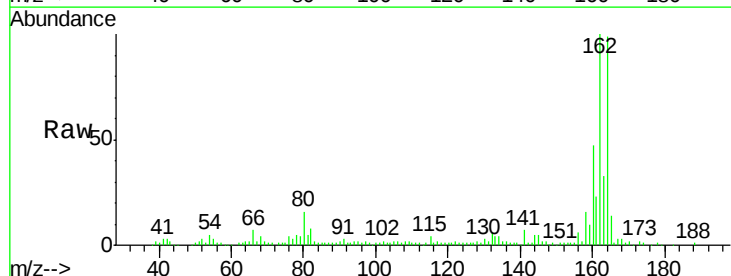


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

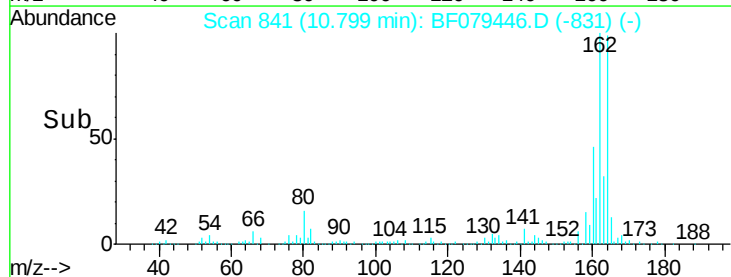
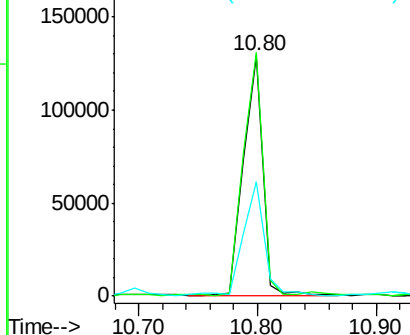


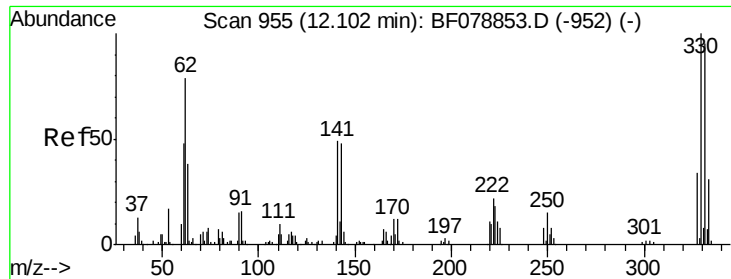
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.80 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF079446.D
Acq: 22 May 2015 21:25

Tgt Ion:164 Resp: 147630
Ion Ratio Lower Upper
164 100
162 101.4 81.4 122.0
160 47.4 36.6 54.8



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

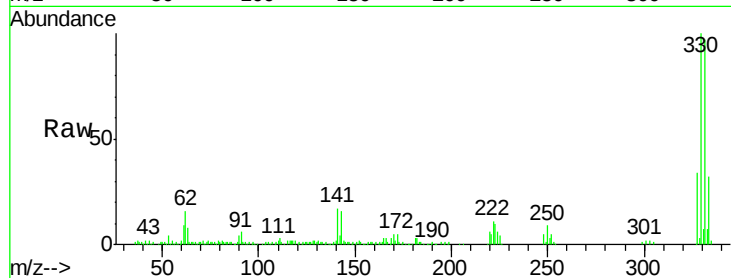




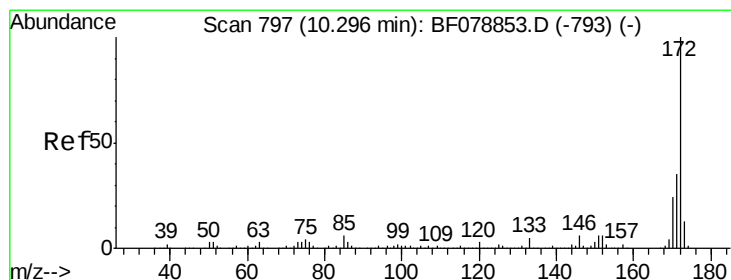
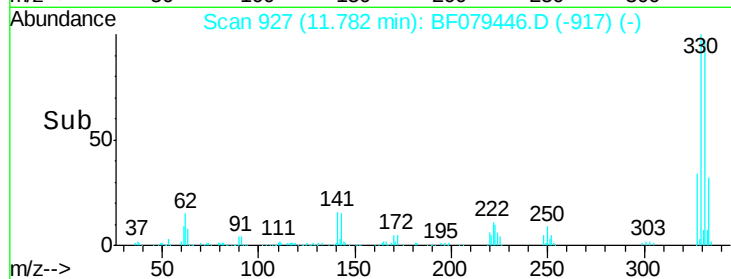
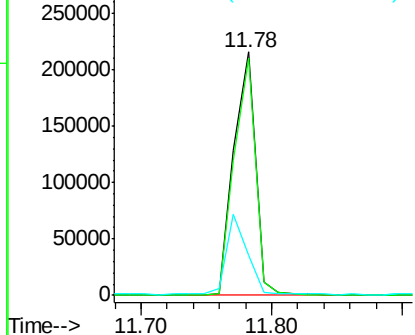
#41
 2,4,6-Tribromophenol
 Concen: 155.82 ng
 RT: 11.78 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BF079446.D
 Acq: 22 May 2015 21:25

Instrument :
 BNA_F
 ClientSampleId :
 RW-1

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.9	115.3
141	31.0	27.8	41.8

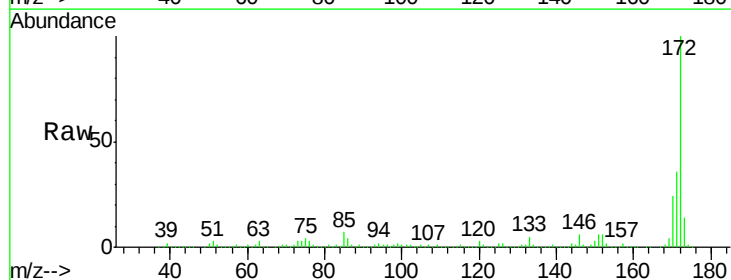


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

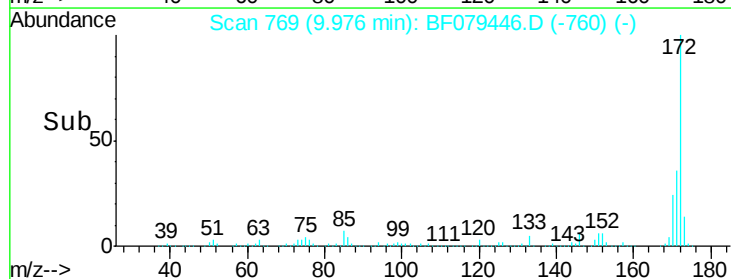
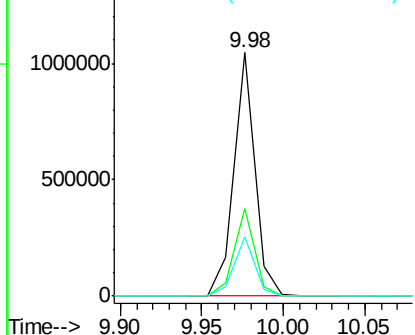


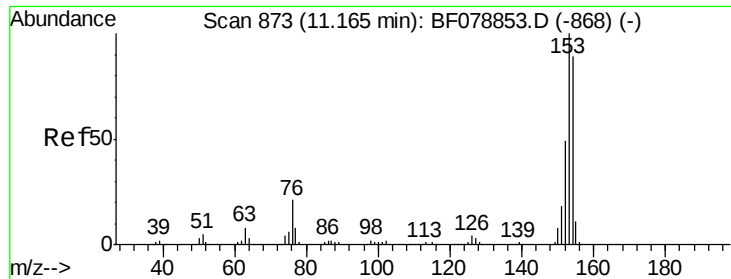
#44
 2-Fluorobiphenyl
 Concen: 87.31 ng
 RT: 9.98 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF079446.D
 Acq: 22 May 2015 21:25

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





#51

Acenaphthene

Concen: 2.66 ng

RT: 10.83 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF079446.D

Acq: 22 May 2015 21:25

Instrument :

BNA_F

ClientSampleId :

RW-1

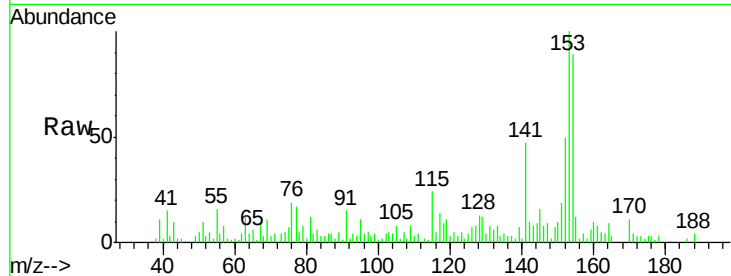
Tgt Ion:154 Resp: 23858

Ion Ratio Lower Upper

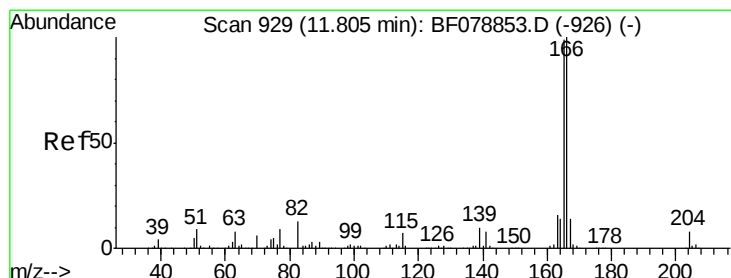
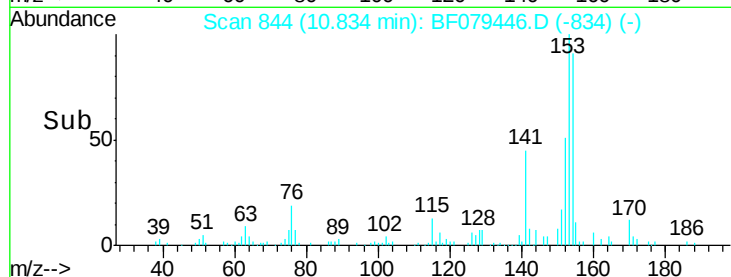
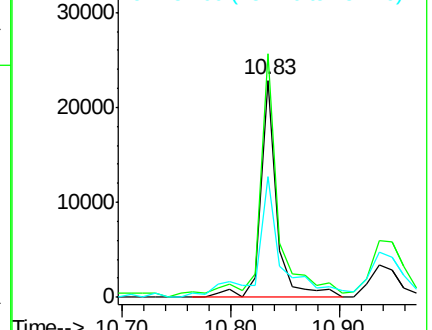
154 100

153 112.3 90.2 135.2

152 55.8 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



#57

Fluorene

Concen: 3.79 ng

RT: 11.47 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF079446.D

Acq: 22 May 2015 21:25

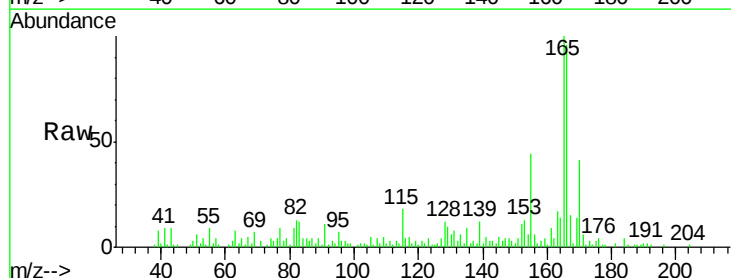
Tgt Ion:166 Resp: 40282

Ion Ratio Lower Upper

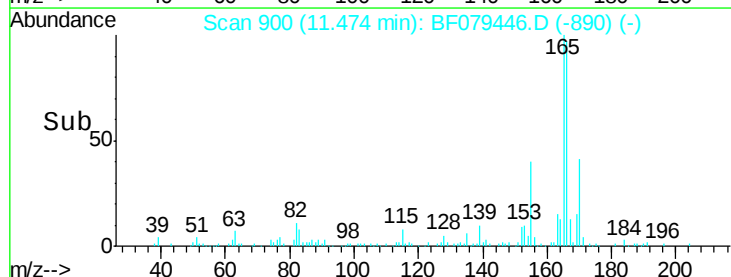
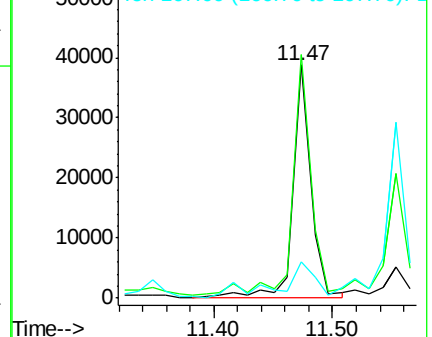
166 100

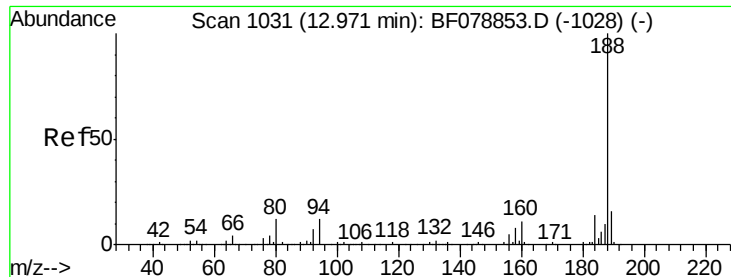
165 104.6 79.5 119.3

167 15.8 11.0 16.6



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

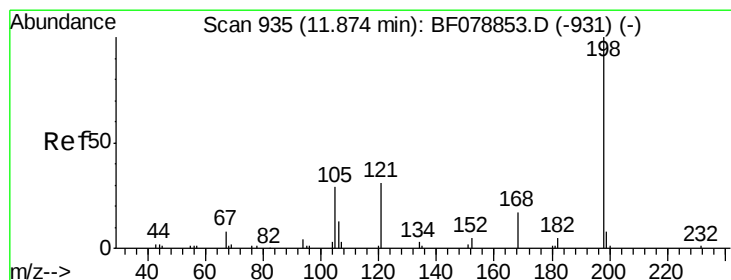
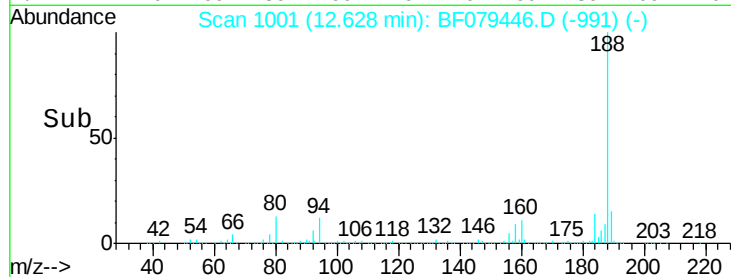
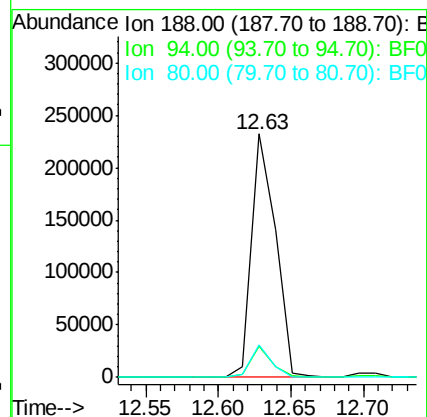
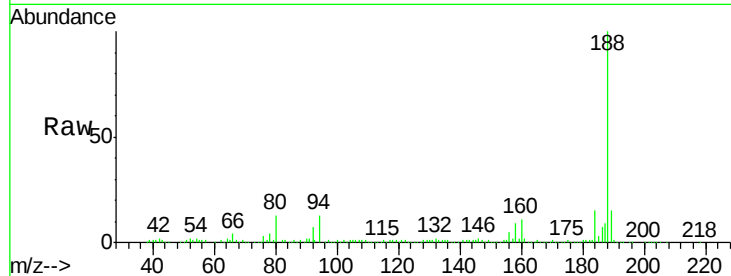




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.63 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF079446.D
Acq: 22 May 2015 21:25

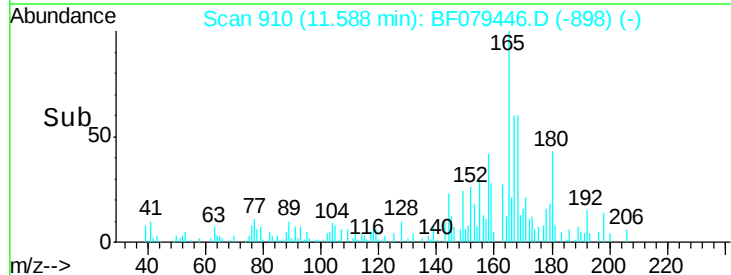
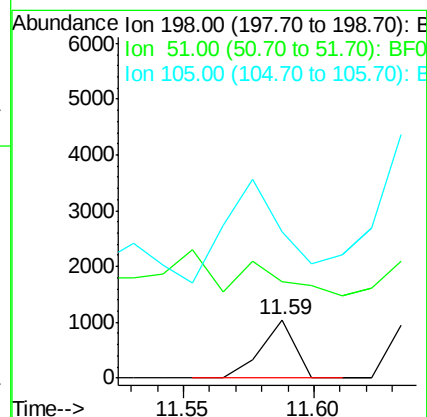
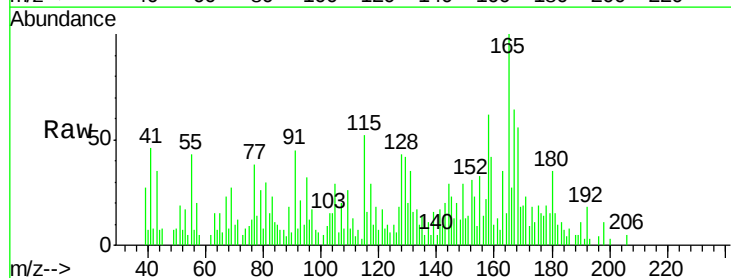
Instrument :
BNA_F
ClientSampleId :
RW-1

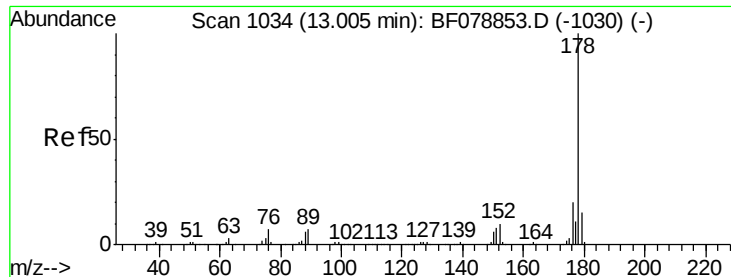
Tgt Ion:188 Resp: 268057
Ion Ratio Lower Upper
188 100
94 12.6 9.4 14.0
80 13.4 9.8 14.6



#64
4,6-Dinitro-2-methylphenol
Concen: 2.03 ng
RT: 11.59 min Scan# 910
Delta R.T. 0.02 min
Lab File: BF079446.D
Acq: 22 May 2015 21:25

Tgt Ion:198 Resp: 950
Ion Ratio Lower Upper
198 100
51 166.3 7.0 47.0#
105 250.1 13.7 53.7#





#70

Phenanthrene

Concen: 2.19 ng

RT: 12.66 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF079446.D

Acq: 22 May 2015 21:25

Instrument :

BNA_F

ClientSampleId :

RW-1

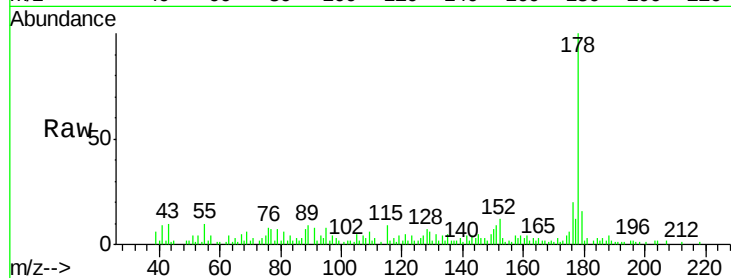
Tgt Ion:178 Resp: 32779

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

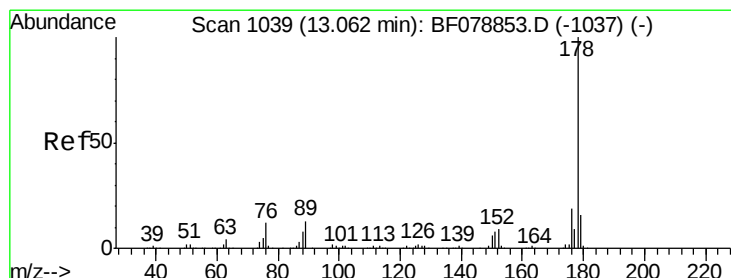
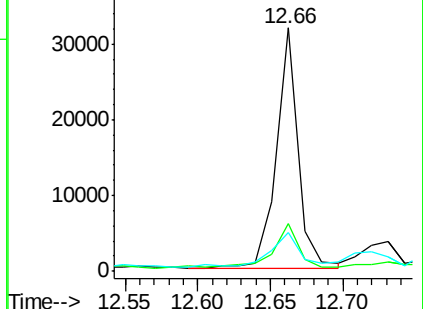
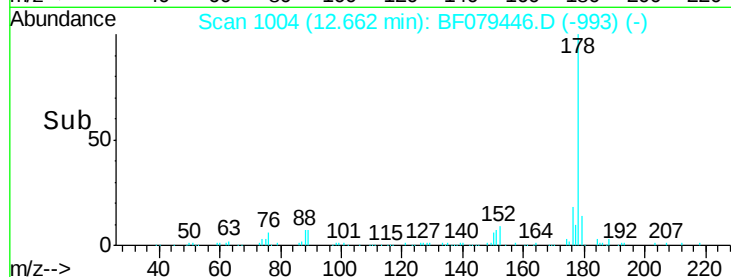
179 15.7 12.2 18.4



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: 2.14 ng

RT: 12.66 min Scan# 1004

Delta R.T. -0.07 min

Lab File: BF079446.D

Acq: 22 May 2015 21:25

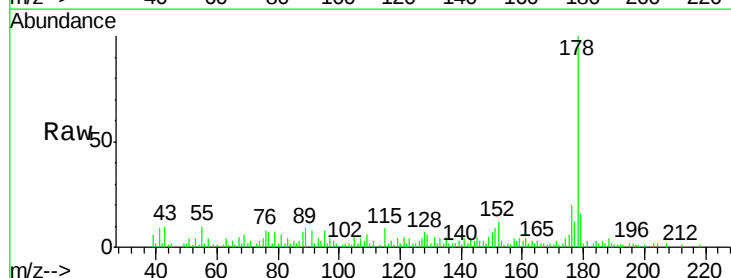
Tgt Ion:178 Resp: 31444

Ion Ratio Lower Upper

178 100

176 19.8 15.3 22.9

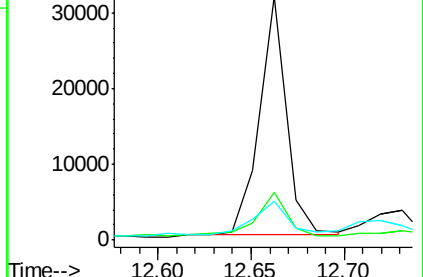
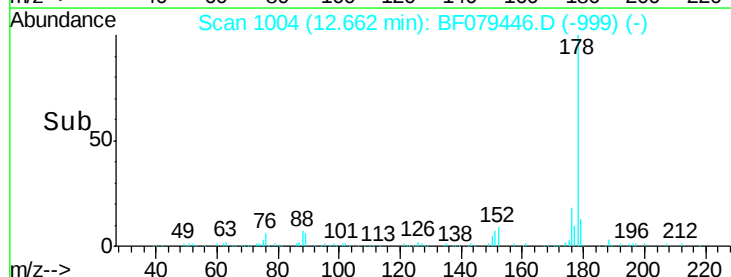
179 15.7 12.6 19.0

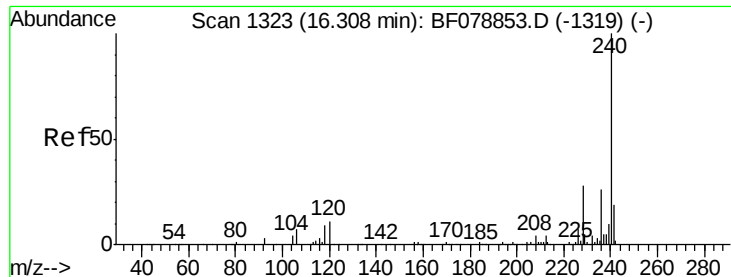


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.92 min Scan# 1289

Delta R.T. -0.05 min

Lab File: BF079446.D

Acq: 22 May 2015 21:25

Instrument :

BNA_F

ClientSampleId :

RW-1

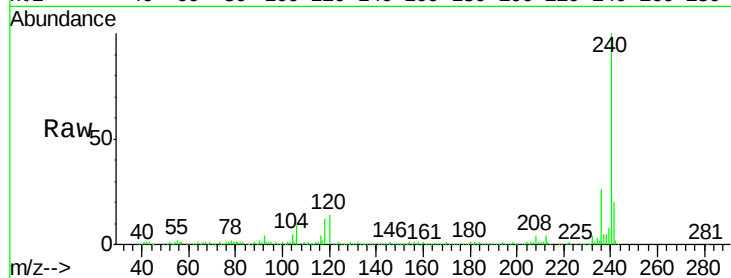
Tgt Ion:240 Resp: 253860

Ion Ratio Lower Upper

240 100

120 14.2 8.6 12.8#

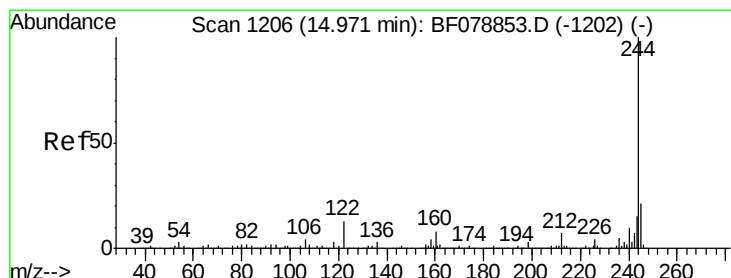
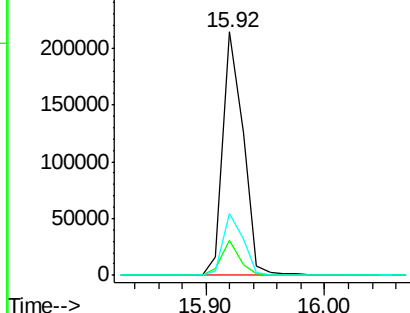
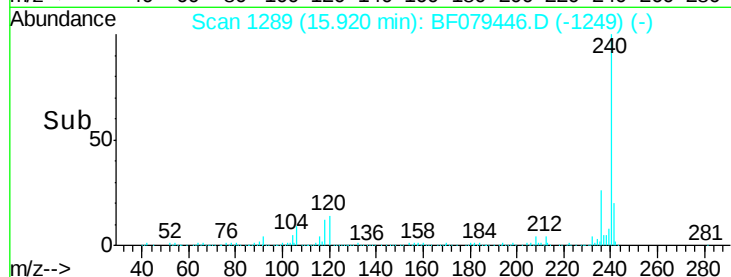
236 25.5 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 88.93 ng

RT: 14.63 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF079446.D

Acq: 22 May 2015 21:25

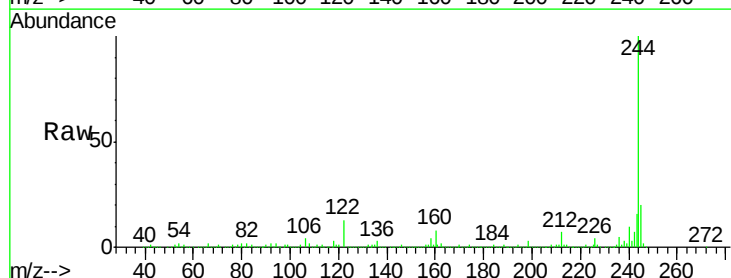
Tgt Ion:244 Resp: 942926

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

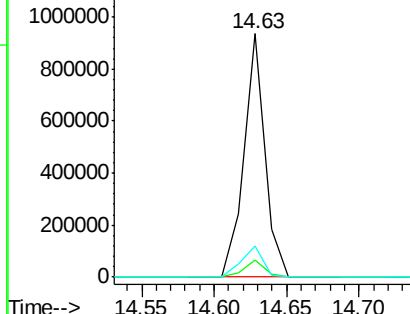
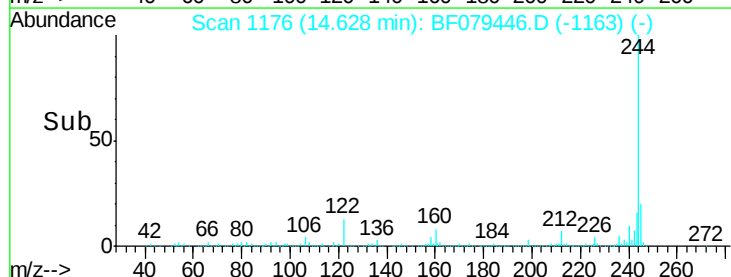
122 13.0 10.5 15.7

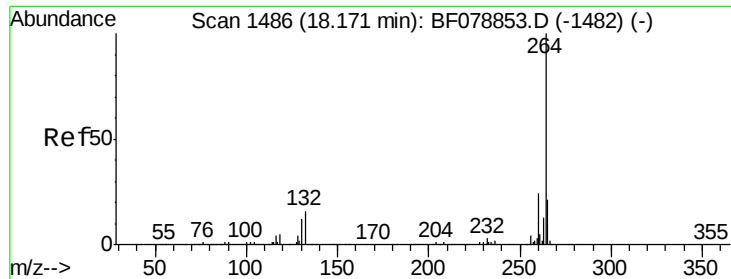


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.71 min Scan# 1446
Delta R.T. -0.14 min
Lab File: BF079446.D
Acq: 22 May 2015 21:25

Instrument :
BNA_F
ClientSampleId :
RW-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.3	17.2	25.8

