

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
 Data File : BF085655.D
 Acq On : 22 Mar 2016 8:58
 Operator : UM/SJ
 Sample : H1834-14
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1GW

Quant Time: Mar 22 11:38:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

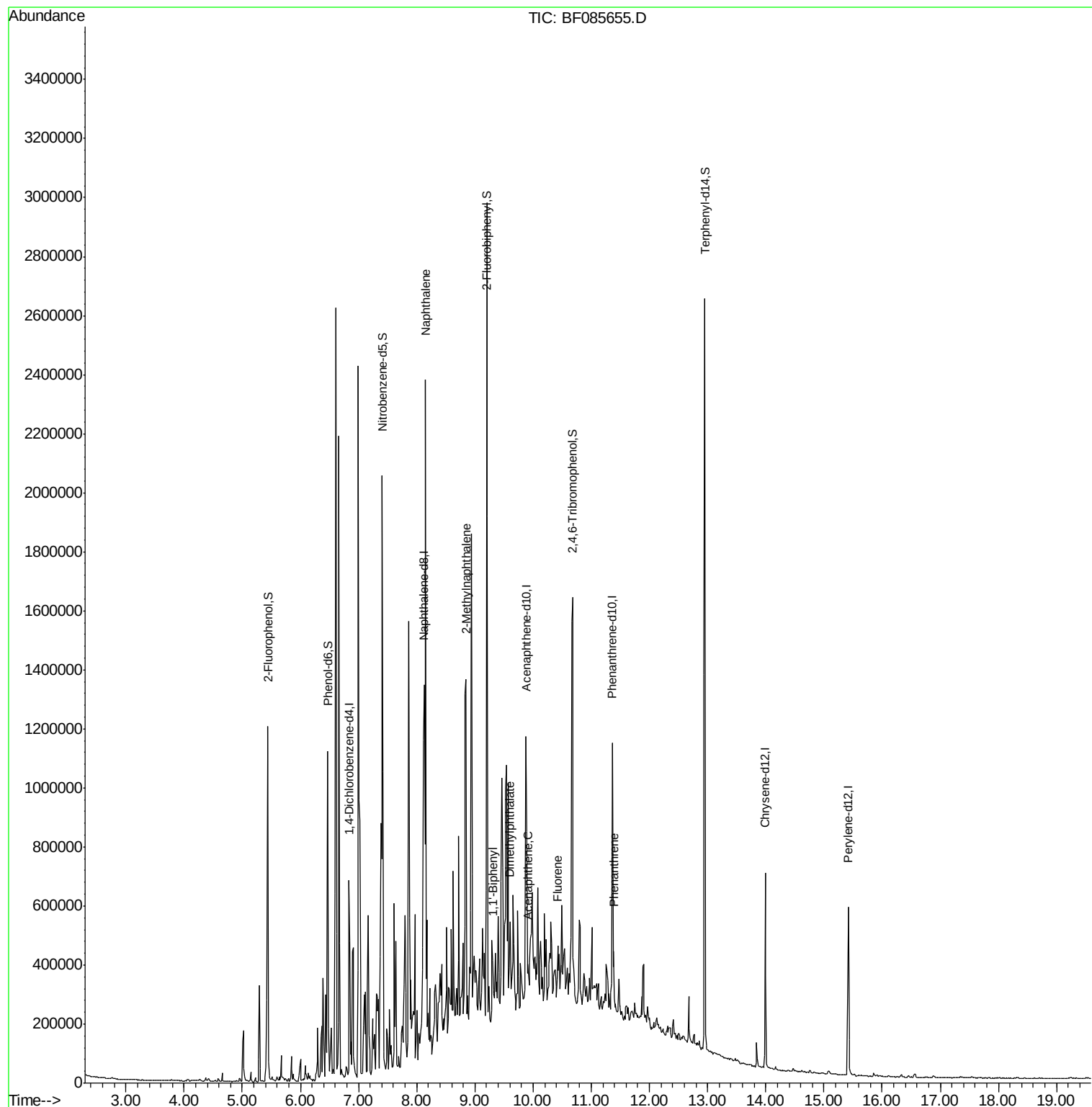
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	128486	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	492869	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	201415	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	323222	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	250046	20.00	ng	-0.02
86) Perylene-d12	15.42	264	246620	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	505859	66.13	ng	-0.01
7) Phenol-d6	6.47	99	388350	39.58	ng	-0.02
23) Nitrobenzene-d5	7.41	82	688559	81.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	277135	140.46	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1213782	111.34	ng	-0.02
78) Terphenyl-d14	12.95	244	916093	88.16	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.15	128	910456	36.60	ng	99
37) 2-Methylnaphthalene	8.85	142	498272	32.86	ng	99
45) 1,1'-Biphenyl	9.30	154	37397	2.15	ng	96
49) Dimethylphthalate	9.60	163	66197	4.36	ng	98
51) Acenaphthene	9.91	154	28141	2.18	ng	98
57) Fluorene	10.42	166	37775	2.89	ng	# 98
70) Phenanthrene	11.38	178	57723	3.39	ng	97

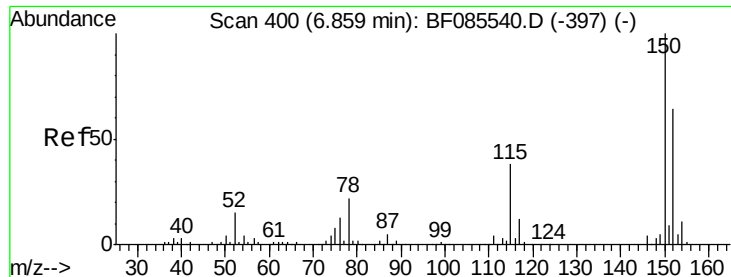
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085655.D
Acq On : 22 Mar 2016 8:58
Operator : UM/SJ
Sample : H1834-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1GW

Quant Time: Mar 22 11:38:41 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.02 min

Lab File: BF085655.D

Acq: 22 Mar 2016 8:58

Instrument :

BNA_F

ClientSampleId :

1GW

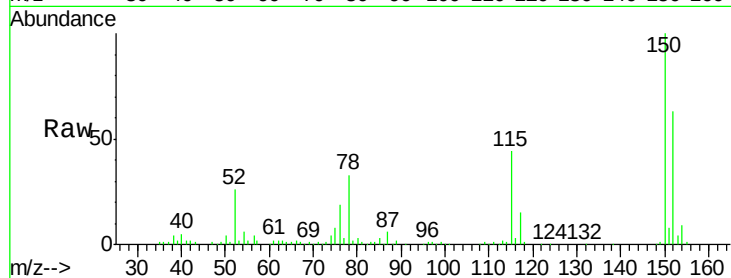
Tgt Ion:152 Resp: 128486

Ion Ratio Lower Upper

152 100

150 158.7 124.2 186.2

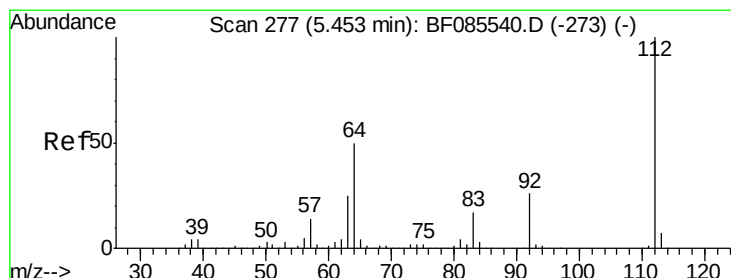
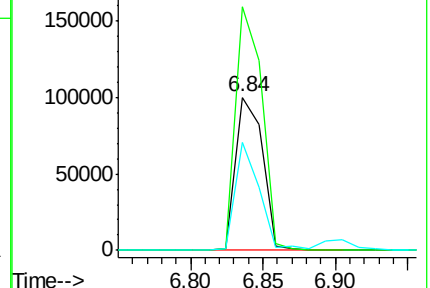
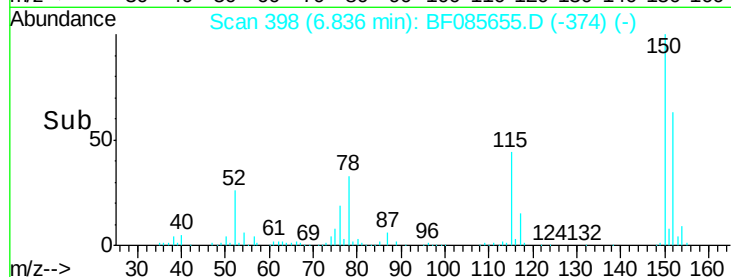
115 70.2 47.0 70.6



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: 66.13 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.01 min

Lab File: BF085655.D

Acq: 22 Mar 2016 8:58

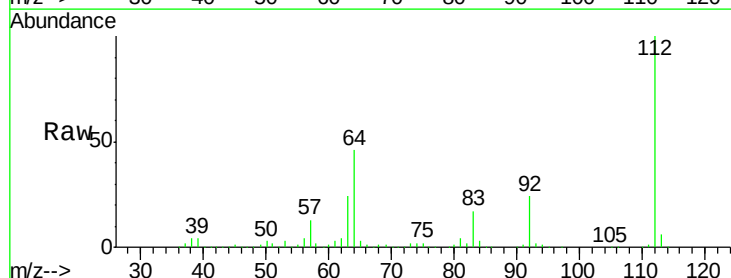
Tgt Ion:112 Resp: 505859

Ion Ratio Lower Upper

112 100

64 45.5 39.9 59.9

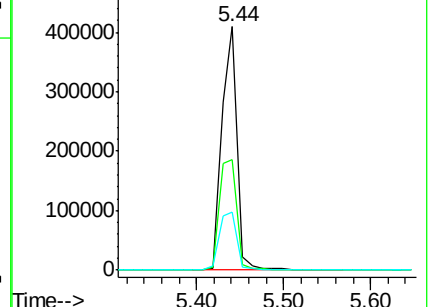
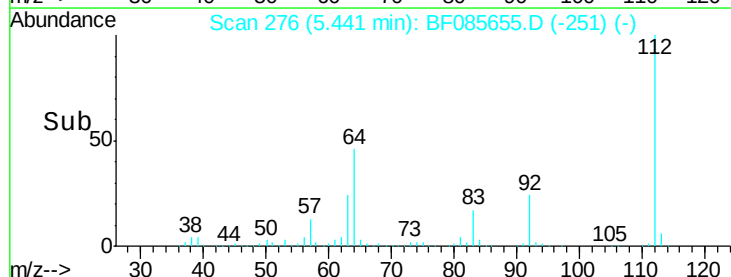
63 23.6 20.2 30.2

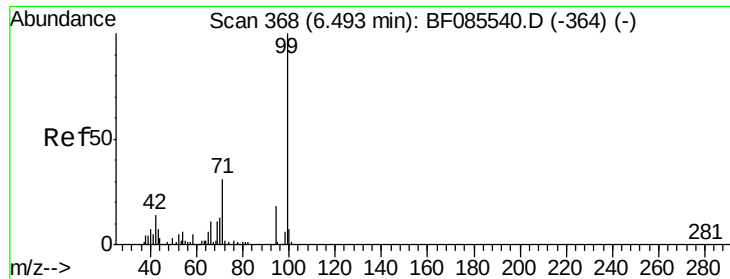


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.58 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF085655.D

Acq: 22 Mar 2016 8:58

Instrument :

BNA_F

ClientSampleId :

1GW

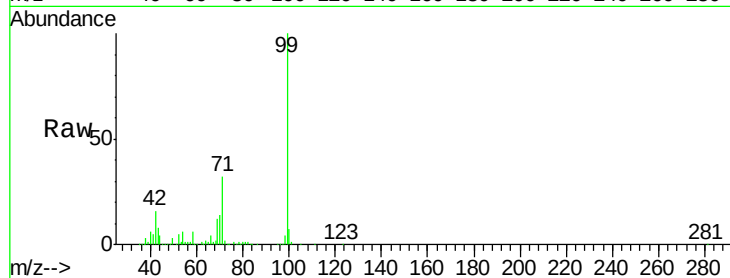
Tgt Ion: 99 Resp: 388350

Ion Ratio Lower Upper

99 100

42 15.6 11.1 16.7

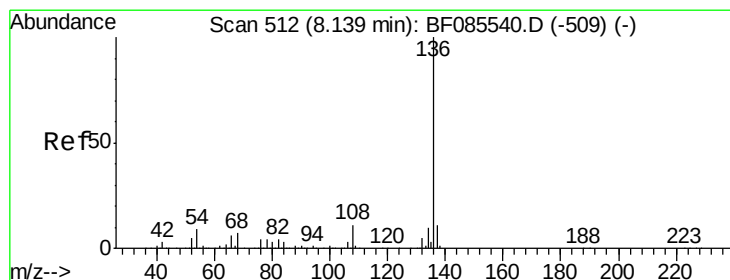
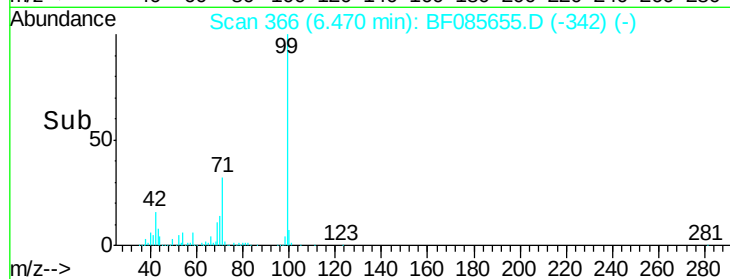
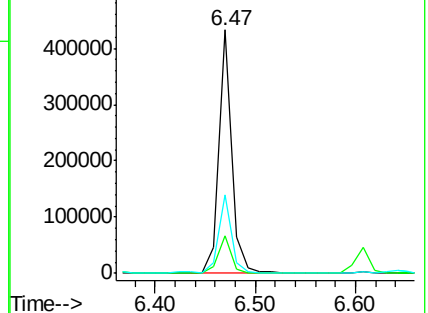
71 32.3 24.9 37.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF085655.D

Acq: 22 Mar 2016 8:58

Tgt Ion: 136 Resp: 492869

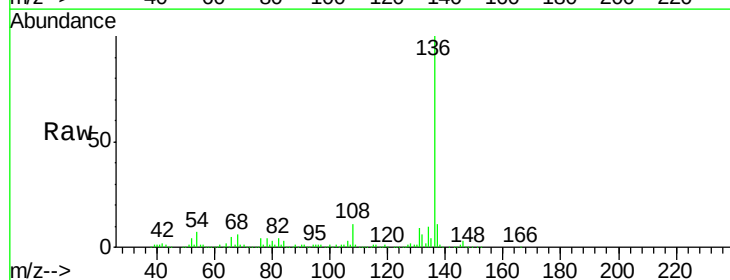
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 7.4 7.4 11.0

68 6.4 5.8 8.8

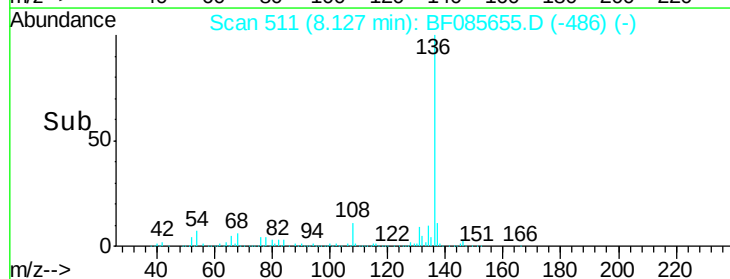
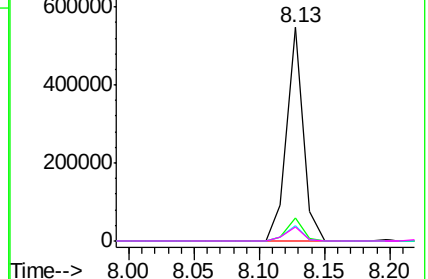


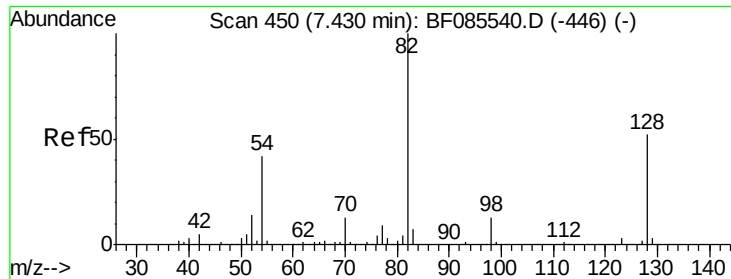
Abundance Ion 136.00 (135.70 to 136.70): E

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

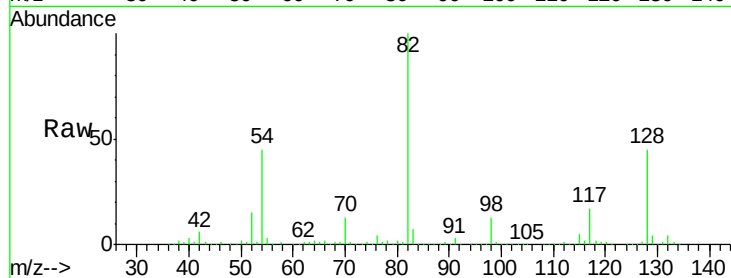




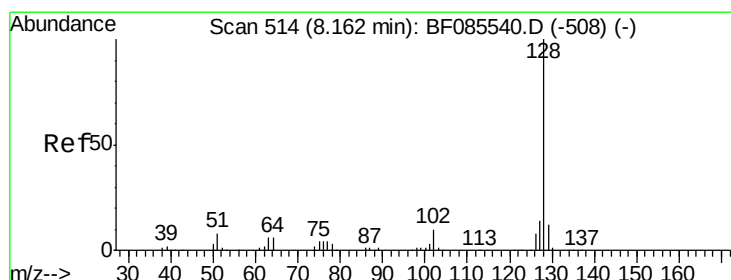
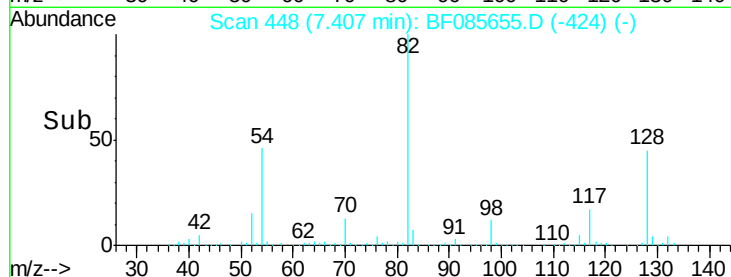
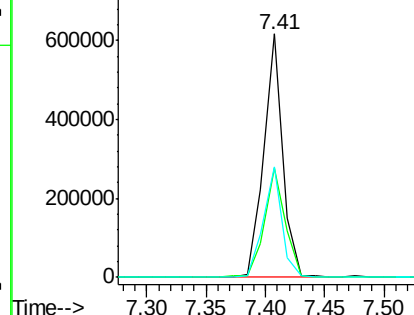
#23
 Nitrobenzene-d5
 Concen: 81.09 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.02 min
 Lab File: BF085655.D
 Acq: 22 Mar 2016 8:58

Instrument :
 BNA_F
 ClientSampleId :
 1GW

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.8	41.8	62.8
54	45.5	33.4	50.0

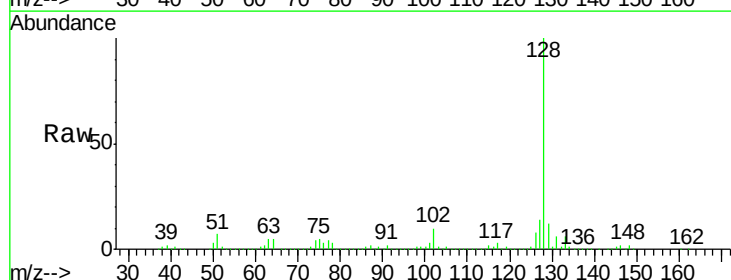


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

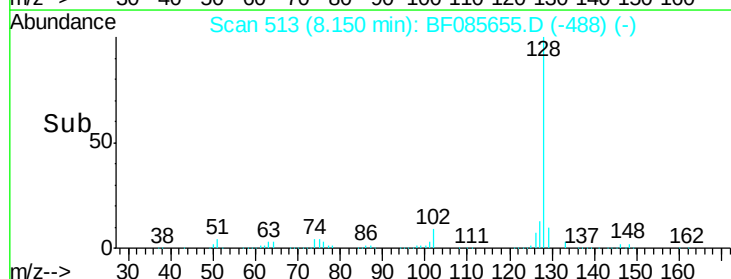
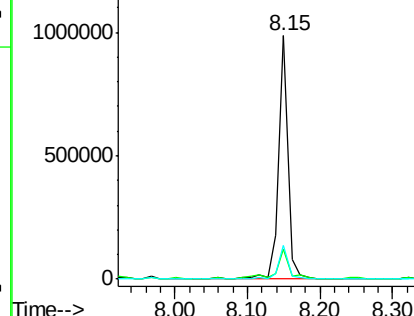


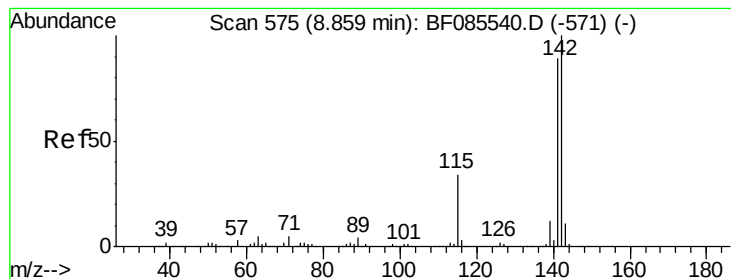
#31
 Naphthalene
 Concen: 36.60 ng
 RT: 8.15 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: BF085655.D
 Acq: 22 Mar 2016 8:58

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.4	14.0
127	13.8	11.0	16.6



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: 32.86 ng

RT: 8.85 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF085655.D

Acq: 22 Mar 2016 8:58

Instrument :

BNA_F

ClientSampleId :

1GW

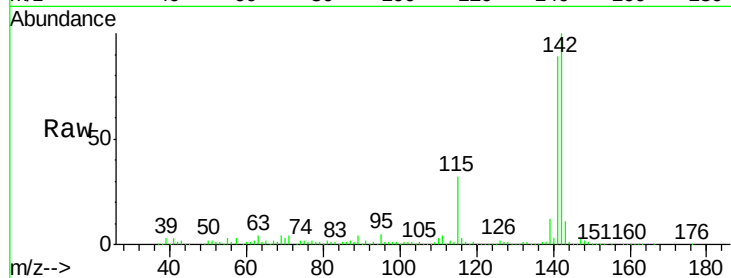
Tgt Ion:142 Resp: 498272

Ion Ratio Lower Upper

142 100

141 88.8 71.6 107.4

115 31.7 26.8 40.2

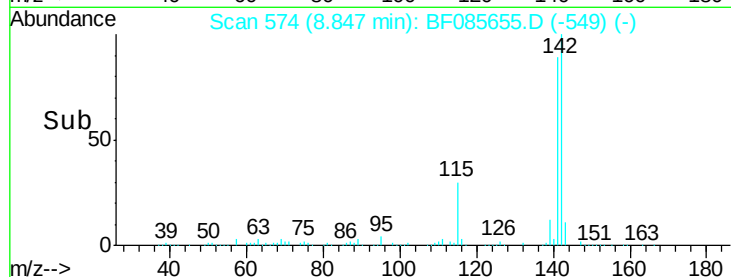


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

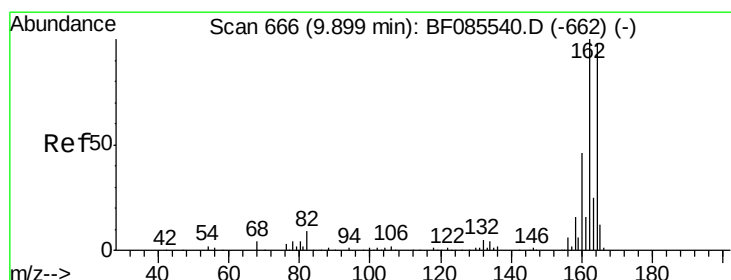
Ion 115.00 (114.70 to 115.70): E

Time-->



8.85

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 664

Delta R.T. -0.02 min

Lab File: BF085655.D

Acq: 22 Mar 2016 8:58

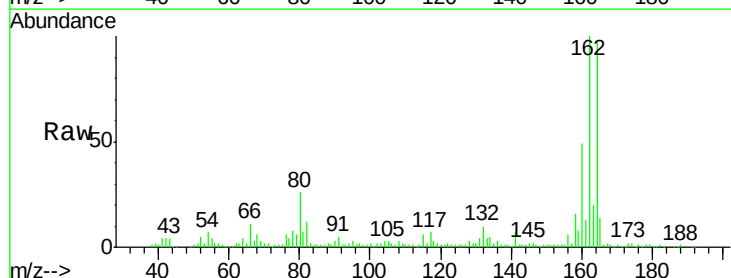
Tgt Ion:164 Resp: 201415

Ion Ratio Lower Upper

164 100

162 103.3 82.1 123.1

160 50.8 37.4 56.2

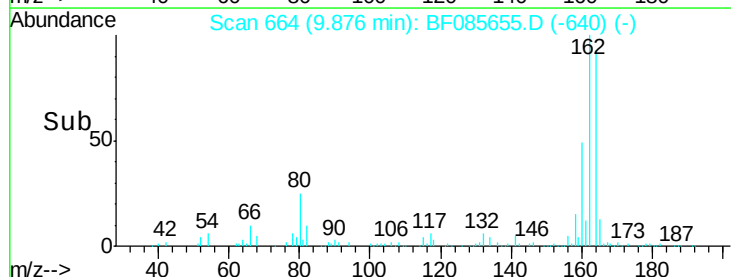


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

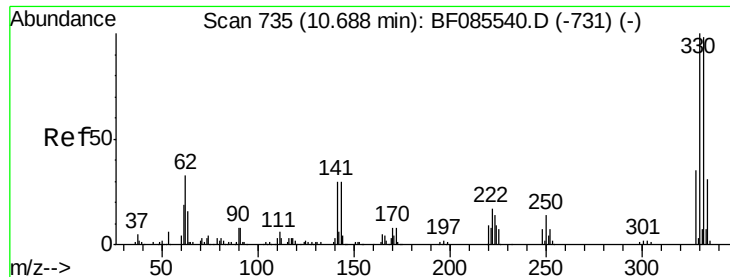
Ion 160.00 (159.70 to 160.70): E

Time-->



9.88

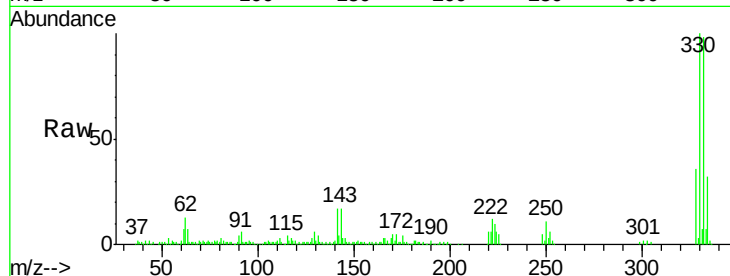
Time-->



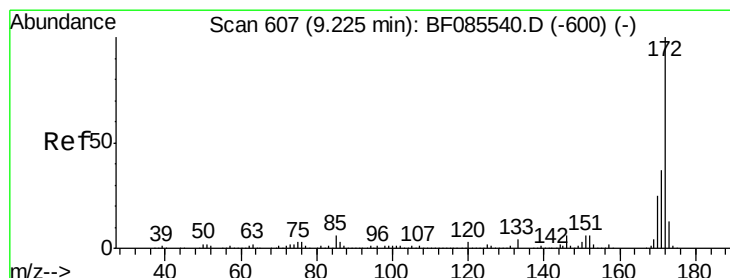
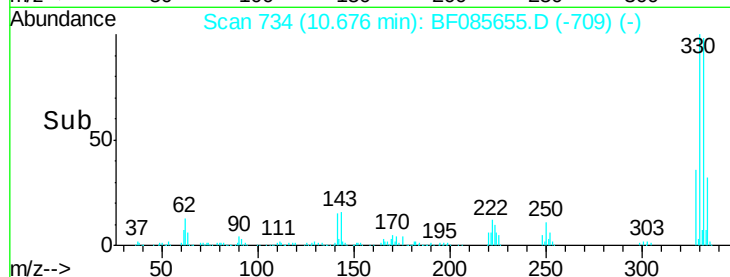
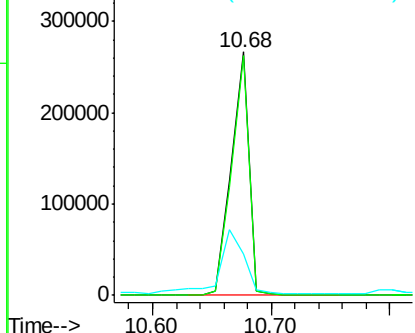
#41
 2,4,6-Tribromophenol
 Concen: 140.46 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085655.D
 Acq: 22 Mar 2016 8:58

Instrument :
 BNA_F
 ClientSampleId :
 1GW

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.2	117.2
141	37.7	31.5	47.3

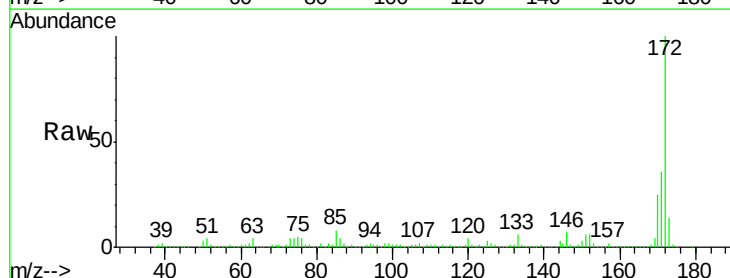


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

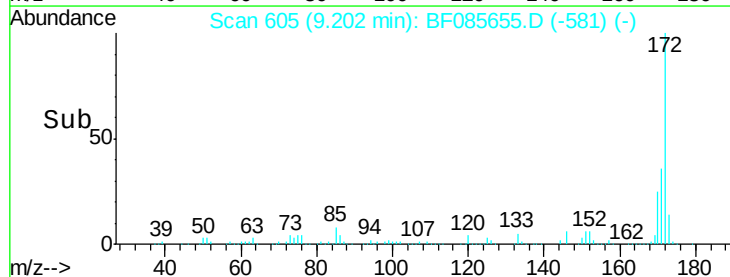
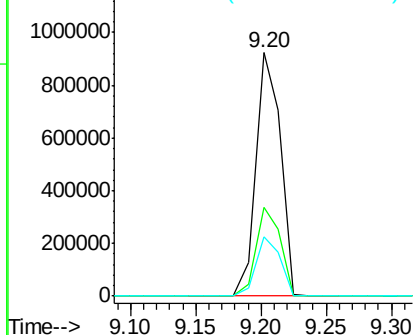


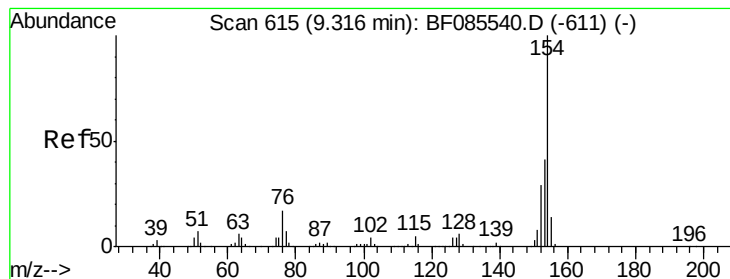
#44
 2-Fluorobiphenyl
 Concen: 111.34 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF085655.D
 Acq: 22 Mar 2016 8:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.2
170	24.5	19.8	29.6



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: 2.15 ng

RT: 9.30 min Scan# 614

Delta R.T. -0.01 min

Lab File: BF085655.D

Acq: 22 Mar 2016 8:58

Instrument :

BNA_F

ClientSampleId :

1GW

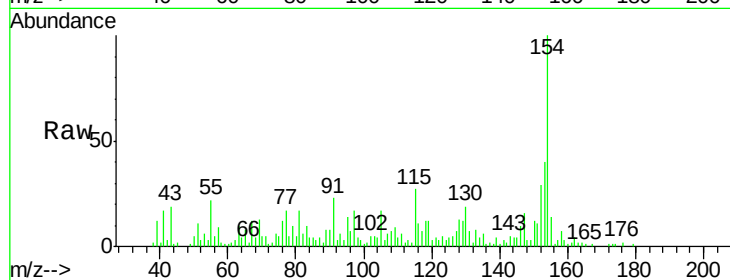
Tgt Ion:154 Resp: 37397

Ion Ratio Lower Upper

154 100

153 40.0 20.8 60.8

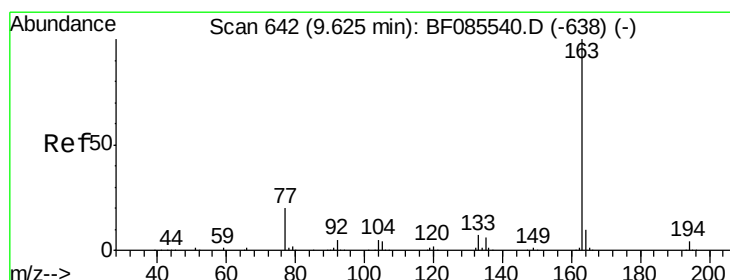
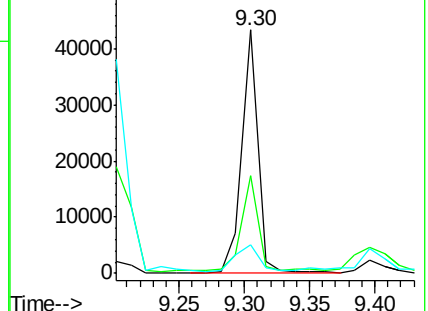
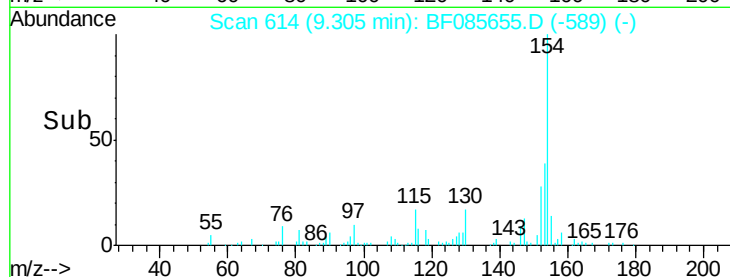
76 12.0 0.0 36.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#49

Dimethylphthalate

Concen: 4.36 ng

RT: 9.60 min Scan# 640

Delta R.T. -0.02 min

Lab File: BF085655.D

Acq: 22 Mar 2016 8:58

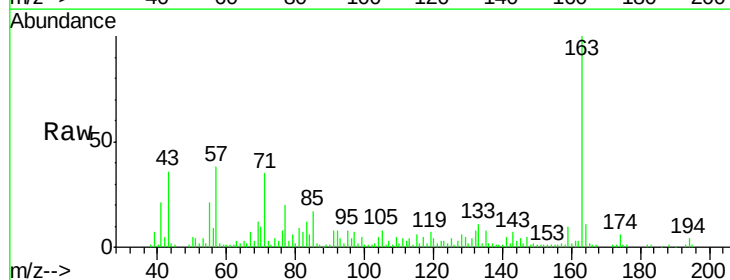
Tgt Ion:163 Resp: 66197

Ion Ratio Lower Upper

163 100

194 4.0 2.9 4.3

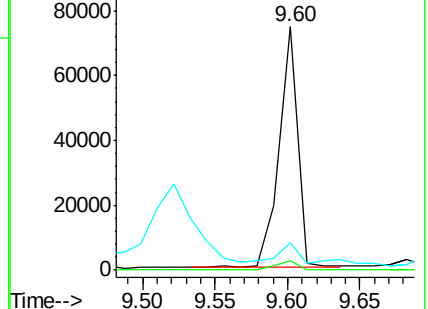
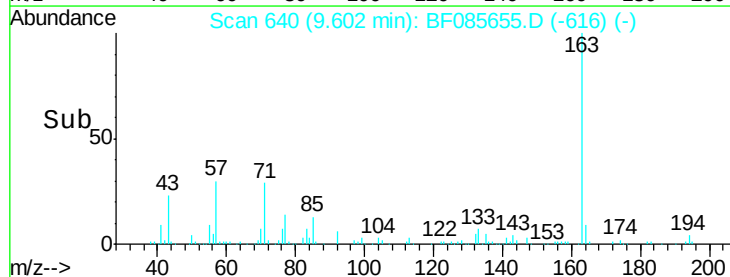
164 11.1 8.3 12.5

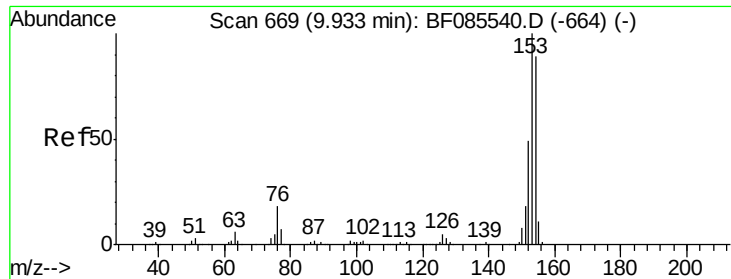


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 2.18 ng

RT: 9.91 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF085655.D

Acq: 22 Mar 2016 8:58

Instrument :

BNA_F

ClientSampleId :

1GW

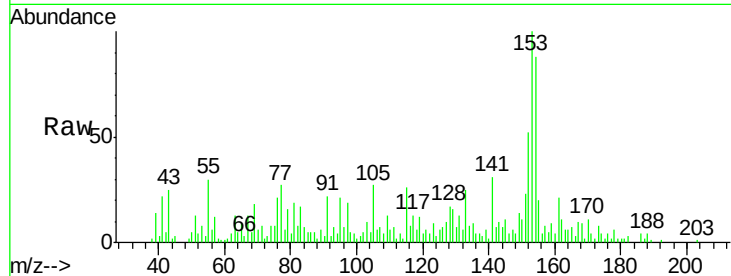
Tgt Ion:154 Resp: 28141

Ion Ratio Lower Upper

154 100

153 113.1 90.1 135.1

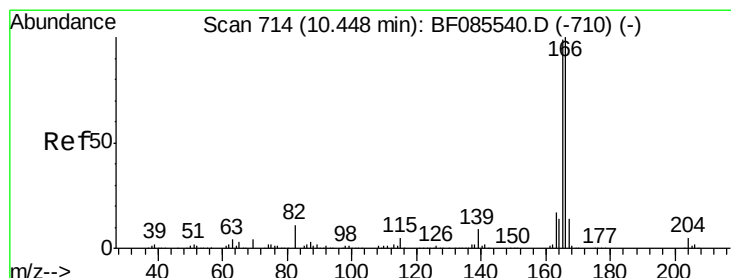
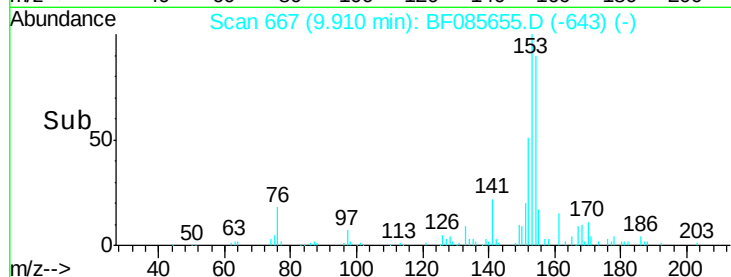
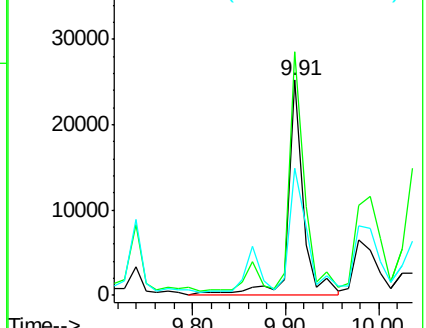
152 58.9 44.2 66.2



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: 2.89 ng

RT: 10.42 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF085655.D

Acq: 22 Mar 2016 8:58

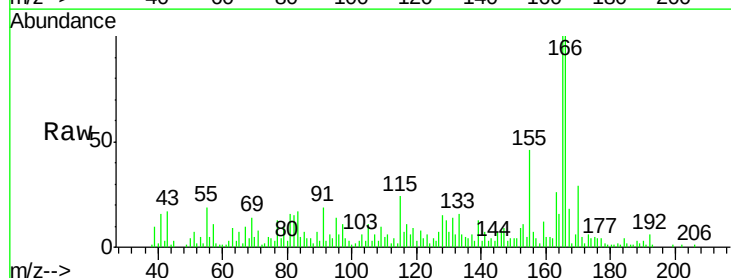
Tgt Ion:166 Resp: 37775

Ion Ratio Lower Upper

166 100

165 100.2 79.4 119.0

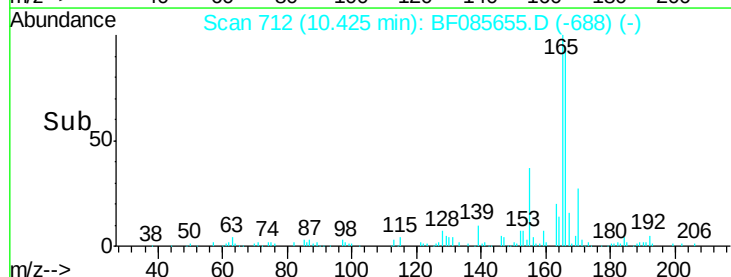
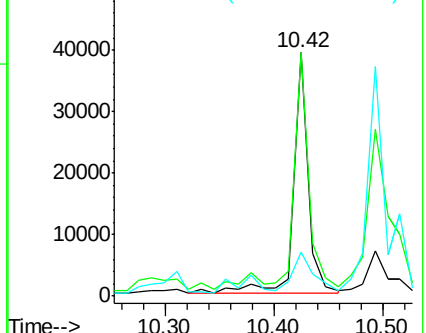
167 18.2 11.0 16.4#

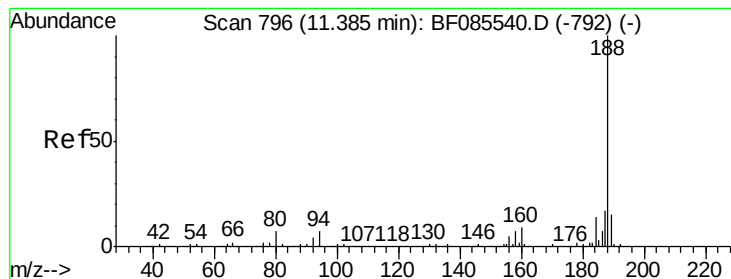


Abundance Ion 166.00 (165.70 to 166.70): E

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: 11.36 min Scan# 794

Delta R.T. -0.02 min

Lab File: BF085655.D

Acq: 22 Mar 2016 8:58

Instrument :

BNA_F

ClientSampleId :

1GW

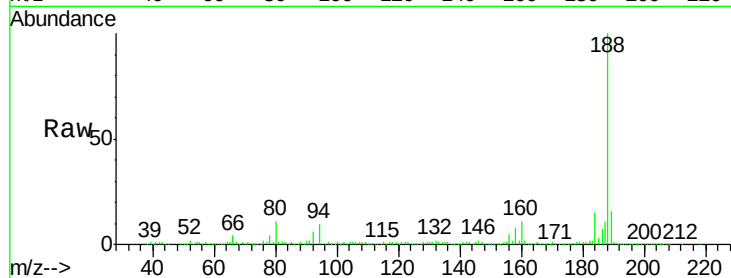
Tgt Ion:188 Resp: 323222

Ion Ratio Lower Upper

188 100

94 10.5 5.4 8.0#

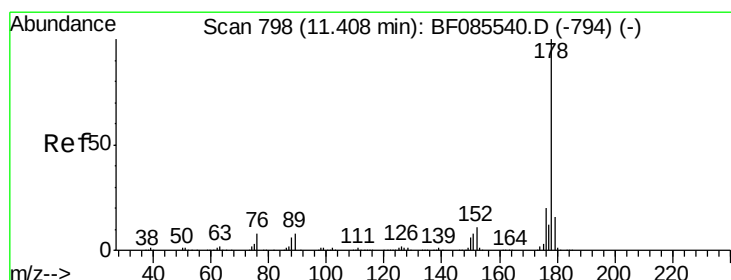
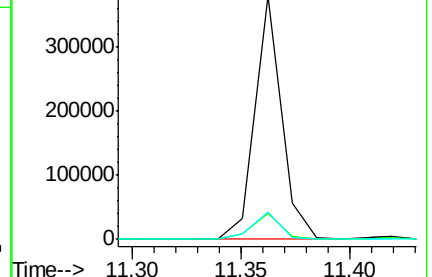
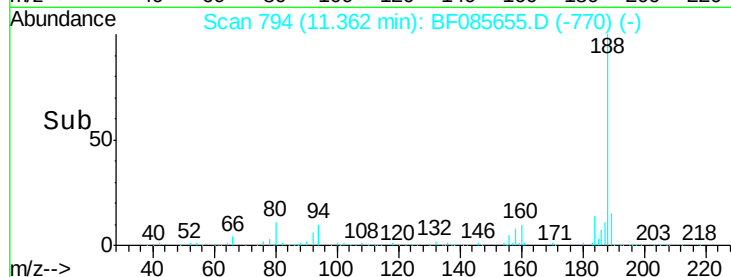
80 11.3 5.5 8.3#



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



#70

Phenanthrene

Concen: 3.39 ng

RT: 11.38 min Scan# 796

Delta R.T. -0.02 min

Lab File: BF085655.D

Acq: 22 Mar 2016 8:58

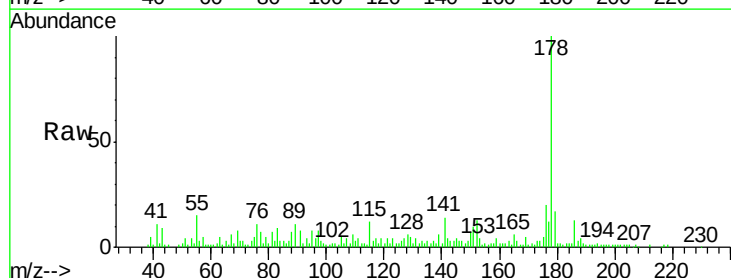
Tgt Ion:178 Resp: 57723

Ion Ratio Lower Upper

178 100

176 19.6 16.3 24.5

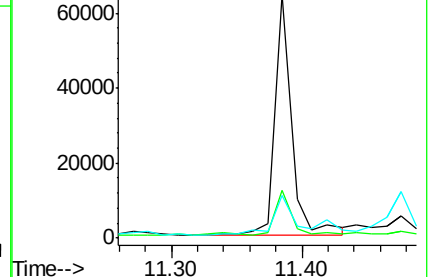
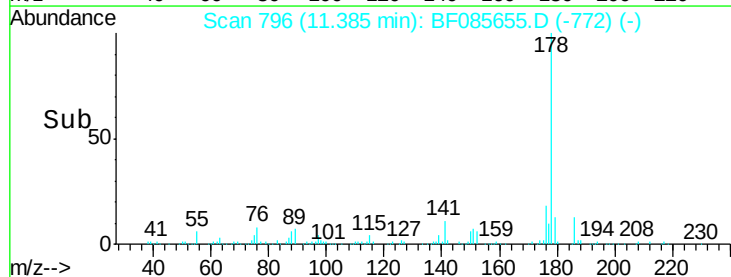
179 17.4 12.6 18.8

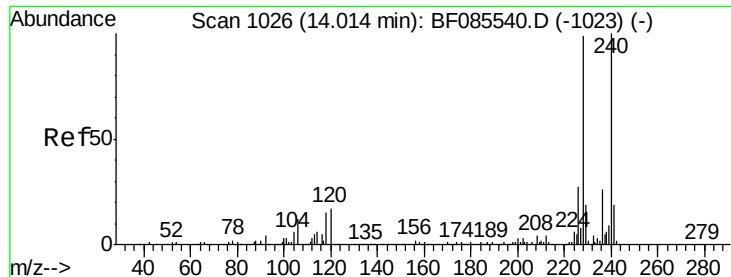


Abundance Ion 178.00 (177.70 to 178.70): E

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: 13.99 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF085655.D

Acq: 22 Mar 2016 8:58

Instrument :

BNA_F

ClientSampleId :

1GW

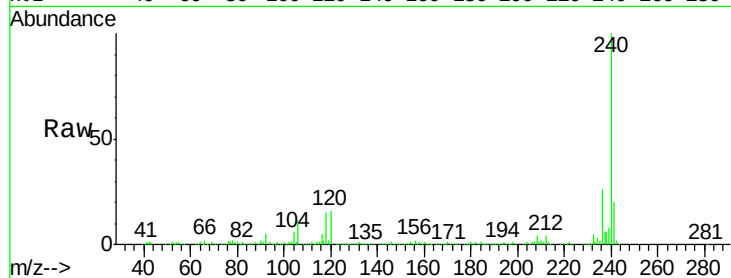
Tgt Ion:240 Resp: 250046

Ion Ratio Lower Upper

240 100

120 16.5 13.8 20.8

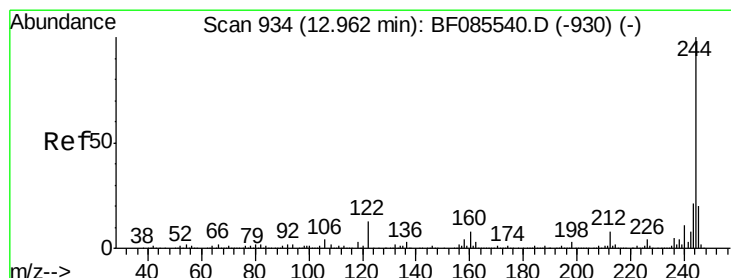
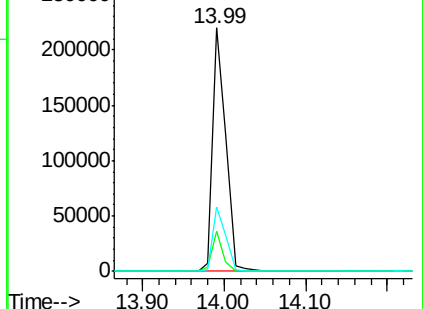
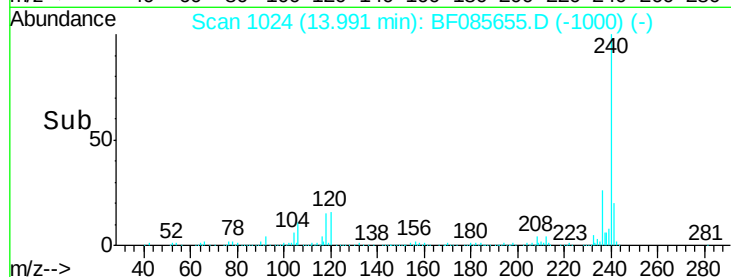
236 26.4 20.6 30.8



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: 88.16 ng

RT: 12.95 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF085655.D

Acq: 22 Mar 2016 8:58

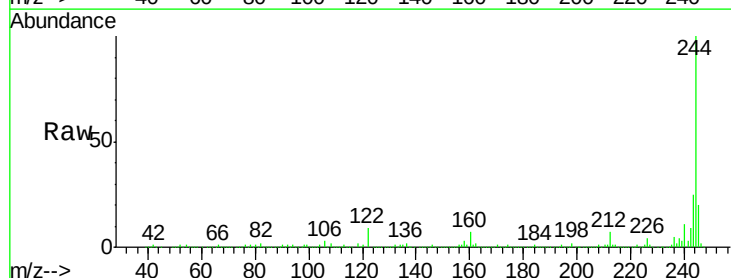
Tgt Ion:244 Resp: 916093

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

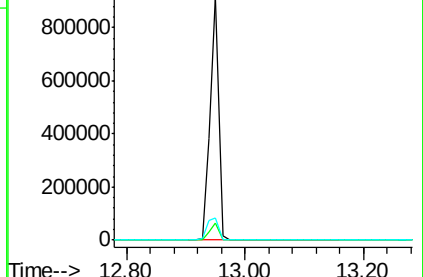
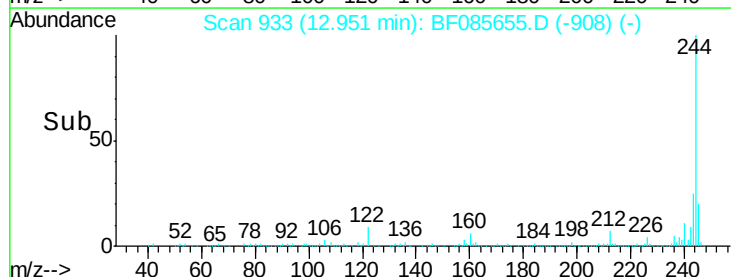
122 9.2 10.2 15.4#

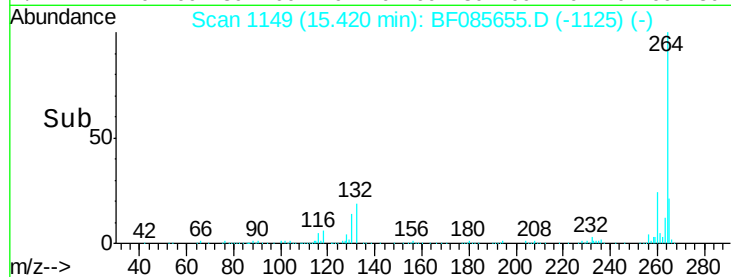
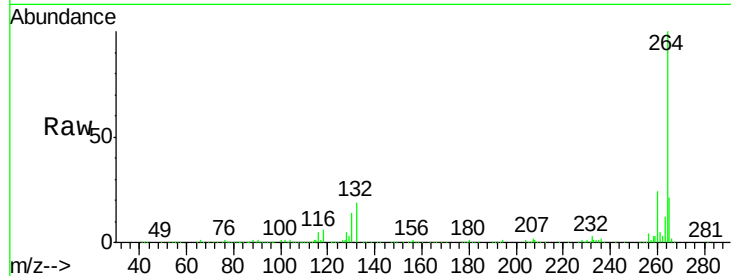
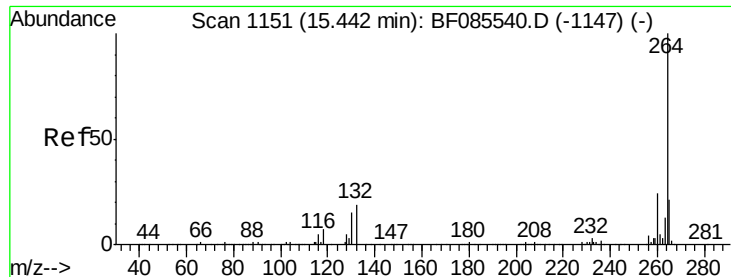


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.42 min Scan# 1149

Delta R.T. -0.02 min

Lab File: BF085655.D

Acq: 22 Mar 2016 8:58

Instrument :

BNA_F

ClientSampleId :

1GW

Tgt Ion: 264 Resp: 246620

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 21.1 17.2 25.8

