

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
 Data File : BF084409.D
 Acq On : 12 Jan 2016 5:31
 Operator : SJ/UM
 Sample : H1067-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 6PW-01

Quant Time: Jan 12 06:51:20 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

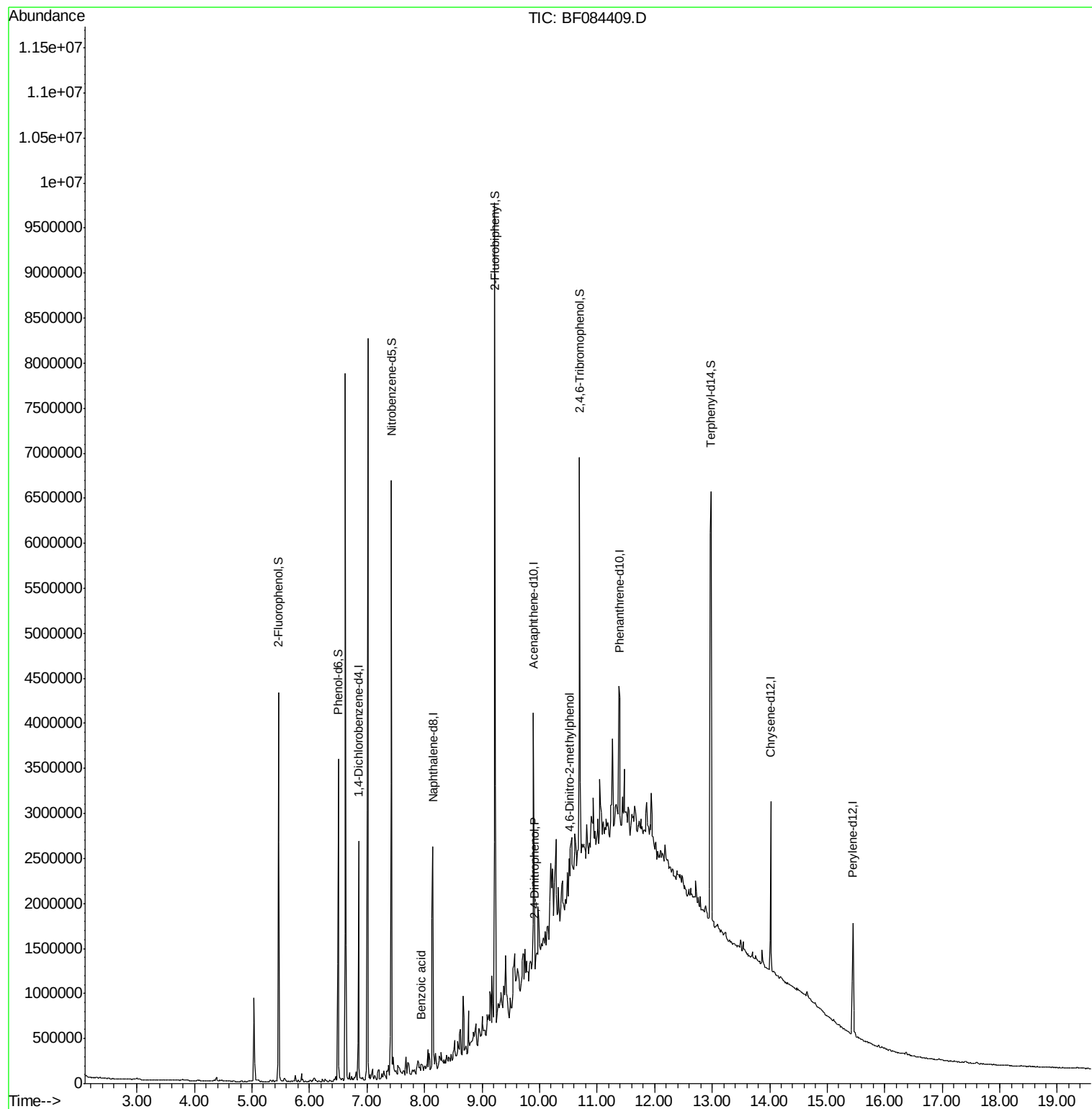
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	352469	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1347828	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	562954	20.00	ng	-0.06
63) Phenanthrene-d10	11.39	188	854206	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	646068	20.00	ng	-0.05
86) Perylene-d12	15.45	264	572720	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1461706	67.08	ng	-0.03
7) Phenol-d6	6.50	99	1289291	47.11	ng	-0.03
23) Nitrobenzene-d5	7.42	82	2386800	98.56	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	679691	119.59	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	3075768	97.01	ng	-0.05
78) Terphenyl-d14	12.98	244	2344121	80.99	ng	-0.03
Target Compounds						
32) Benzoic acid	7.94	122	5177	6.56	ng	# 49
53) 2,4-Dinitrophenol	9.92	184	184	3.60	ng	# 1
54) Dibenzofuran	10.05	168	5009	Below Cal	#	1
57) Fluorene	10.44	166	3289	Below Cal	#	11
60) 4-Chlorophenyl-phenylether	10.42	204	9275	Below Cal	#	80
64) 4,6-Dinitro-2-methylphenol	10.52	198	3131	6.86	ng	# 1
73) Di-n-butylphthalate	11.95	149	15448	Below Cal	#	23

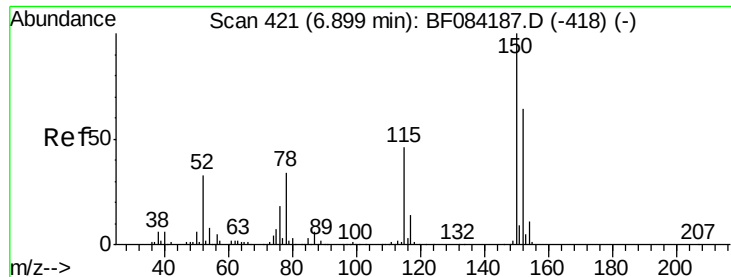
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_F
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6PW-01

Quant Time: Jan 12 06:51:20 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF084409.D

Acq: 12 Jan 2016 5:31

Instrument :

BNA_F

ClientSampled :

6PW-01

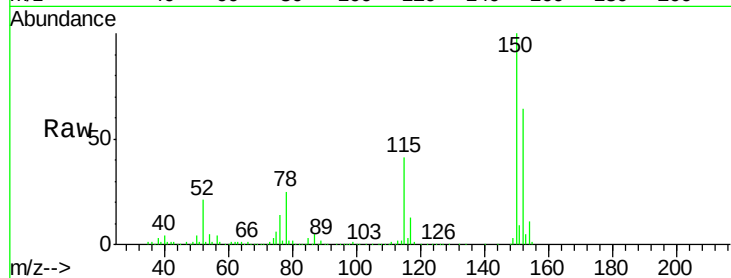
Tgt Ion:152 Resp: 352469

Ion Ratio Lower Upper

152 100

150 156.7 123.0 184.4

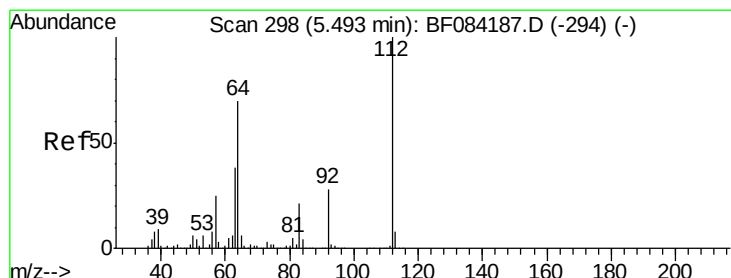
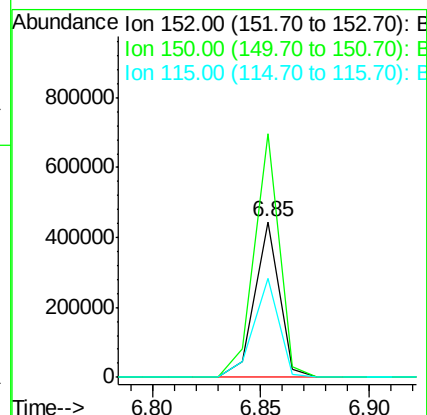
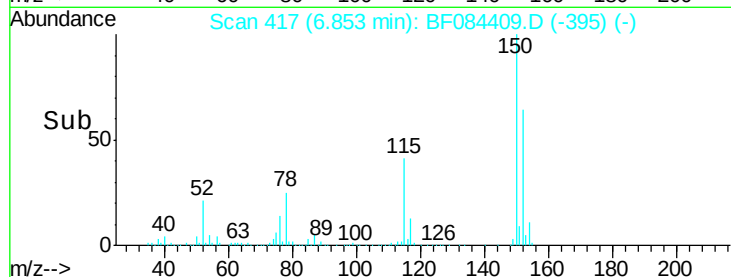
115 64.1 51.4 77.2



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: 67.08 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.03 min

Lab File: BF084409.D

Acq: 12 Jan 2016 5:31

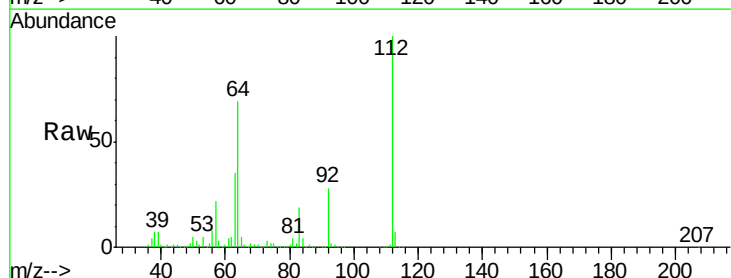
Tgt Ion:112 Resp: 1461706

Ion Ratio Lower Upper

112 100

64 69.1 36.6 55.0#

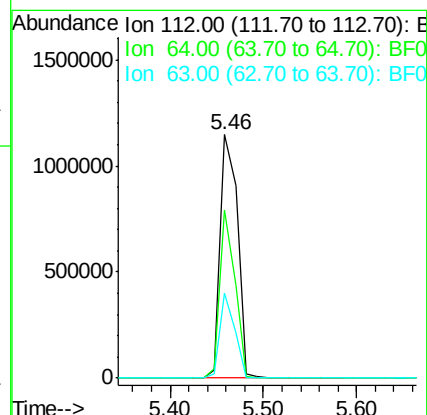
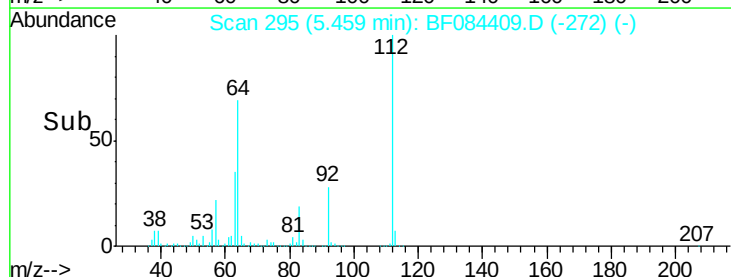
63 34.8 19.4 29.0#

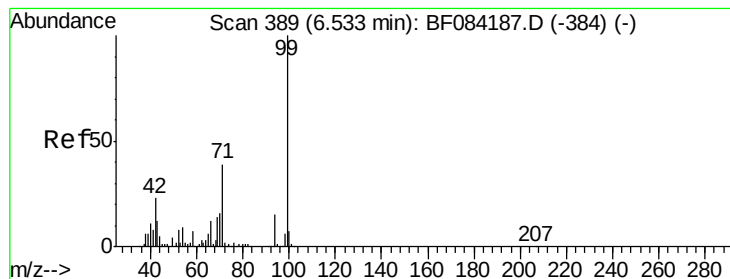


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 47.11 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF084409.D

Acq: 12 Jan 2016 5:31

Instrument :

BNA_F

ClientSampleId :

6PW-01

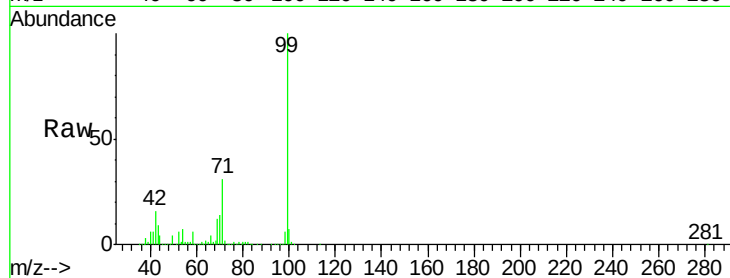
Tgt Ion: 99 Resp: 1289291

Ion Ratio Lower Upper

99 100

42 15.9 12.8 19.2

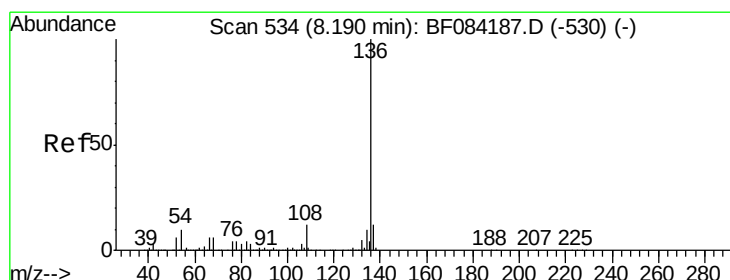
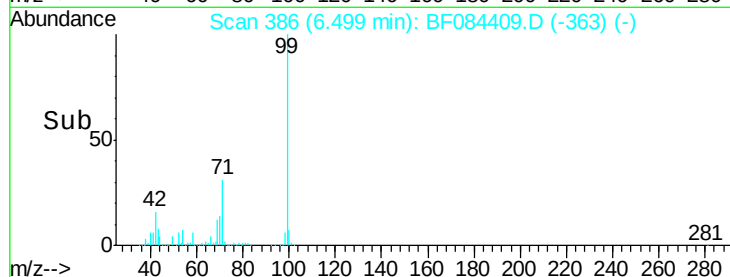
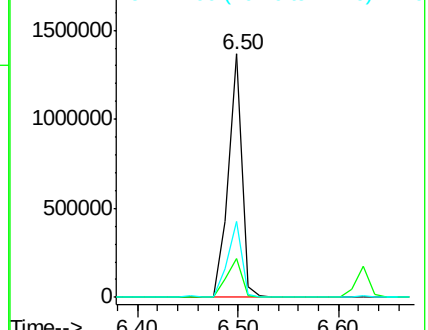
71 30.9 30.9 46.3



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: 8.14 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF084409.D

Acq: 12 Jan 2016 5:31

Tgt Ion: 136 Resp: 1347828

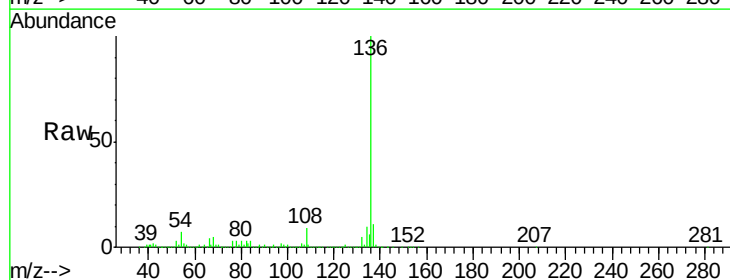
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 6.9 5.8 8.8

68 5.2 4.2 6.2

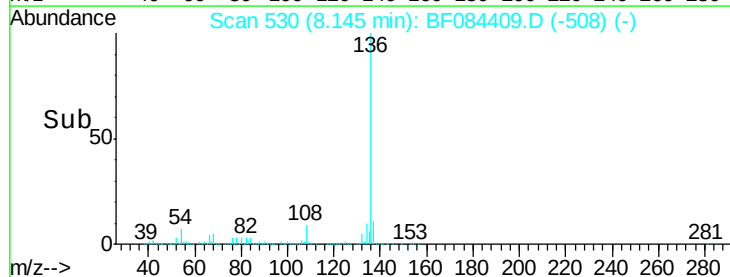
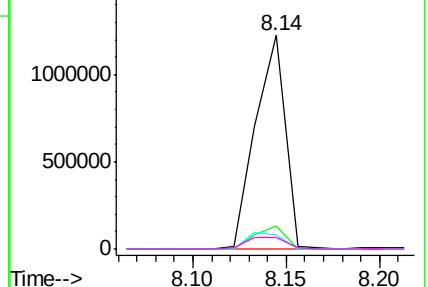


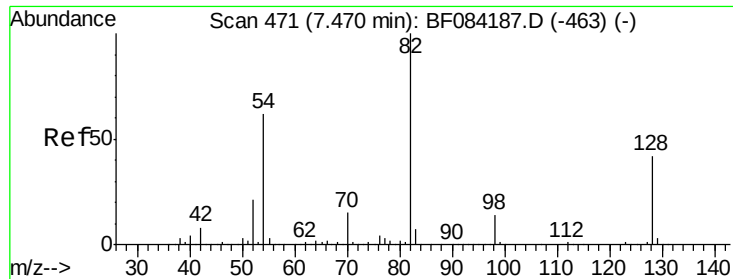
Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.56 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.05 min

Lab File: BF084409.D

Acq: 12 Jan 2016 5:31

Instrument :

BNA_F

ClientSampleId :

6PW-01

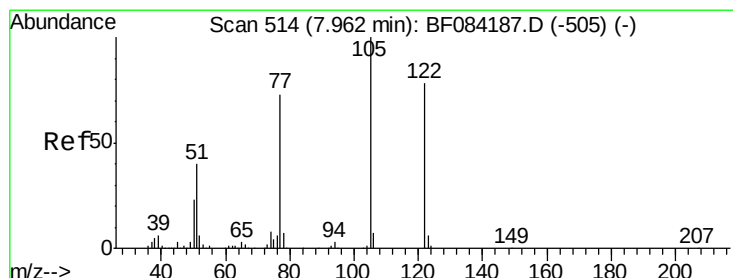
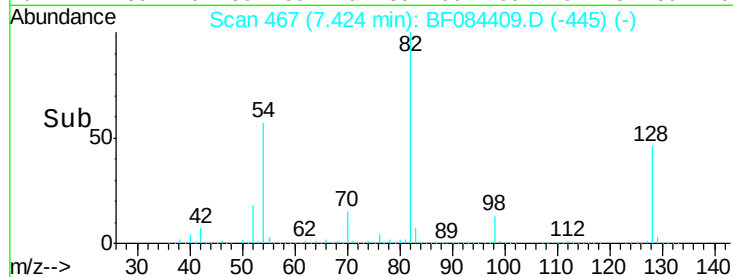
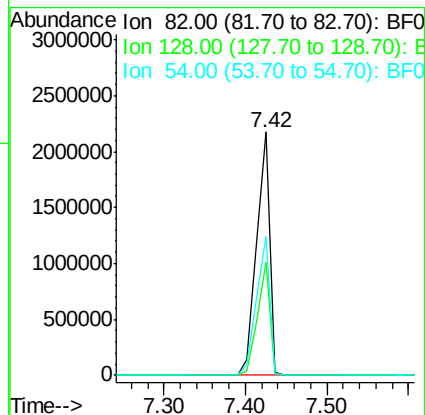
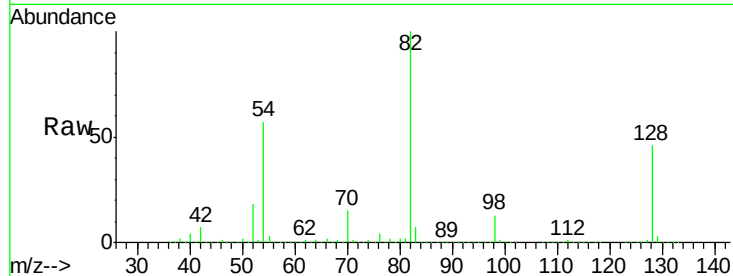
Tgt Ion: 82 Resp: 2386800

Ion Ratio Lower Upper

82 100

128 46.2 34.6 51.8

54 56.9 38.4 57.6



#32

Benzoic acid

Concen: 6.56 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.02 min

Lab File: BF084409.D

Acq: 12 Jan 2016 5:31

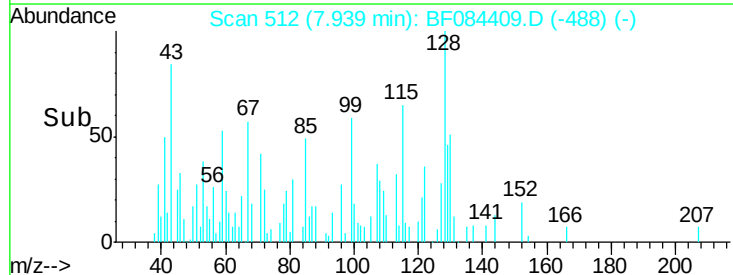
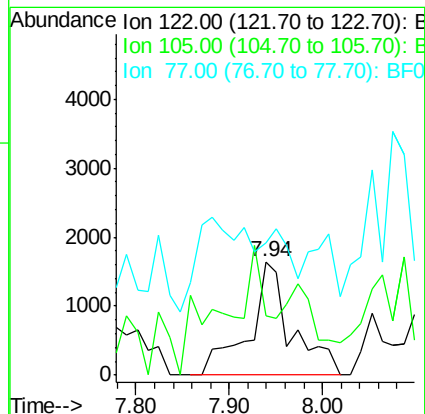
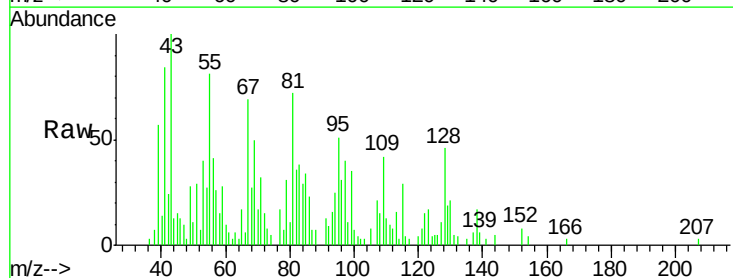
Tgt Ion: 122 Resp: 5177

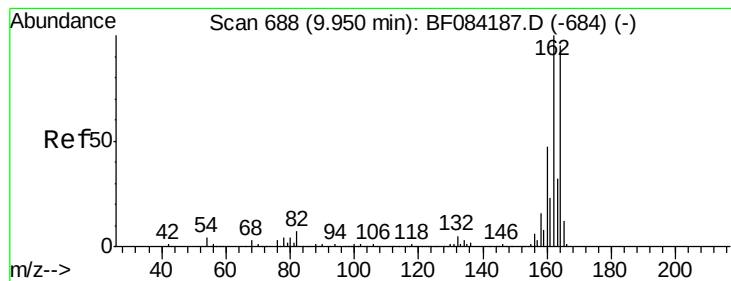
Ion Ratio Lower Upper

122 100

105 52.5 100.3 140.3#

77 117.4 63.5 103.5#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.06 min

Lab File: BF084409.D

Acq: 12 Jan 2016 5:31

Instrument :

BNA_F

ClientSampleId :

6PW-01

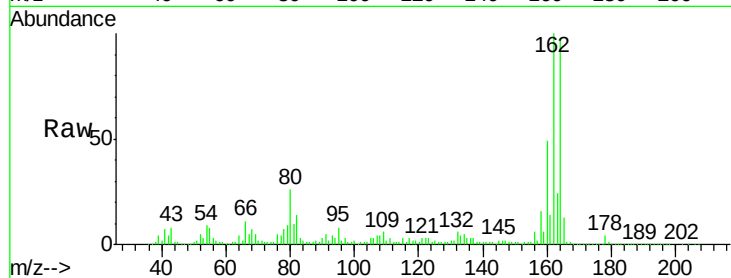
Tgt Ion:164 Resp: 562954

Ion Ratio Lower Upper

164 100

162 102.9 85.1 127.7

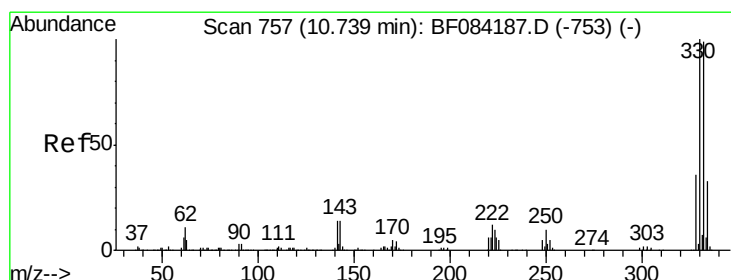
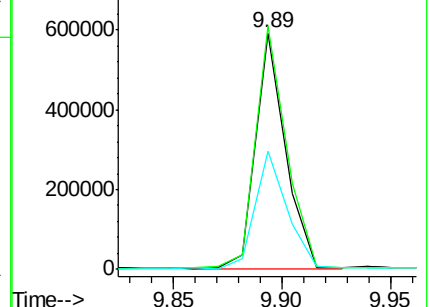
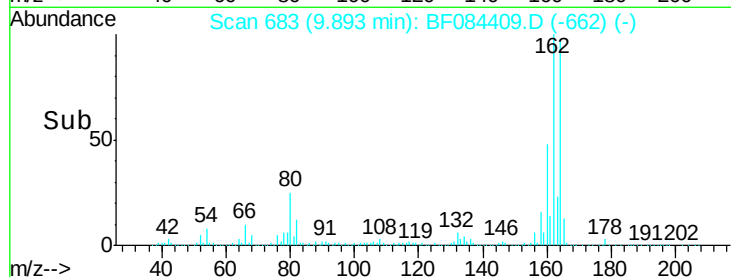
160 50.2 37.5 56.3



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: 119.59 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.05 min

Lab File: BF084409.D

Acq: 12 Jan 2016 5:31

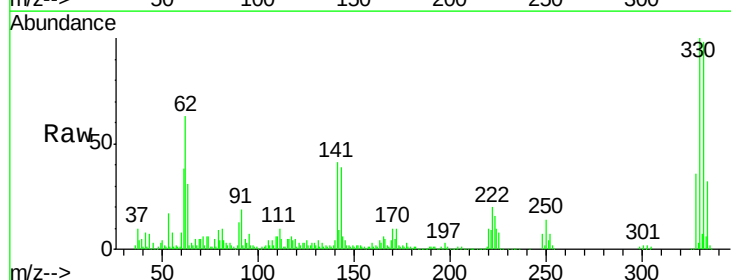
Tgt Ion:330 Resp: 679691

Ion Ratio Lower Upper

330 100

332 98.3 76.6 114.8

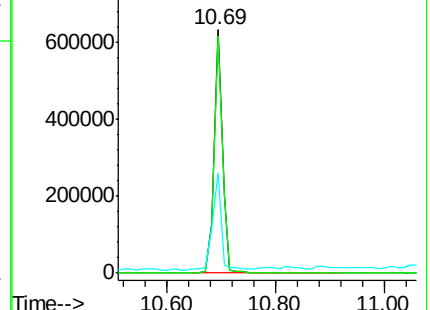
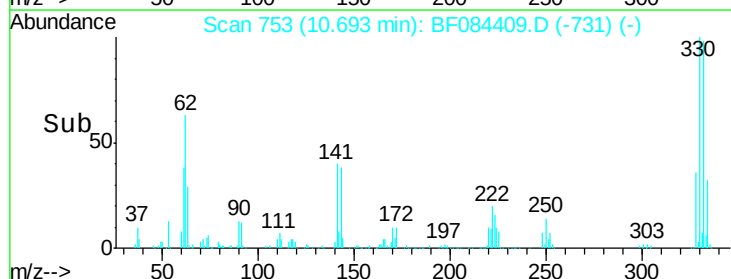
141 39.5 27.8 41.6

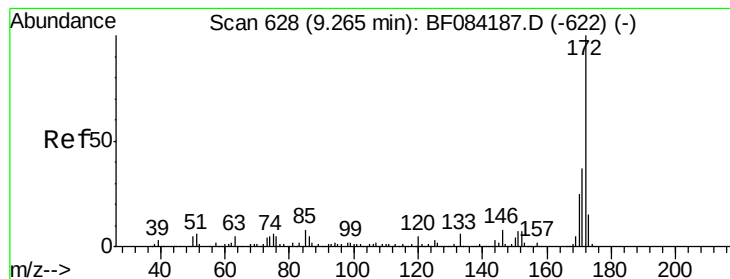


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 97.01 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.05 min

Lab File: BF084409.D

Acq: 12 Jan 2016 5:31

Instrument :

BNA_F

ClientSampleId :

6PW-01

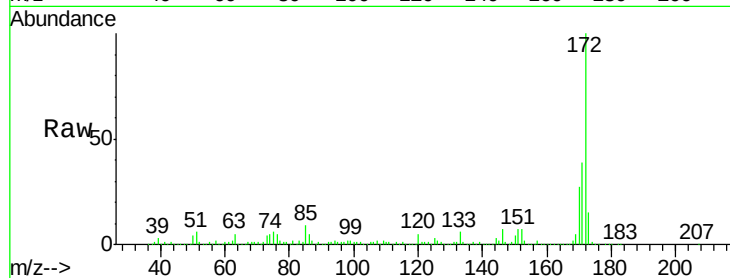
Tgt Ion:172 Resp: 3075768

Ion Ratio Lower Upper

172 100

171 39.2 28.9 43.3

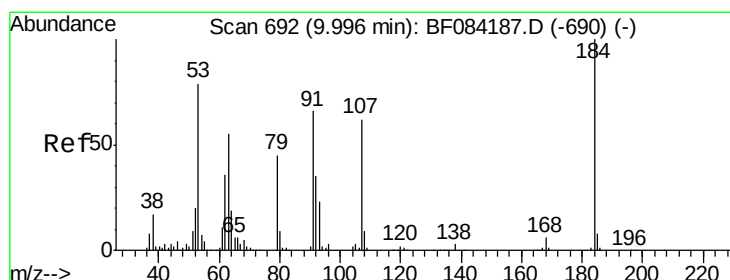
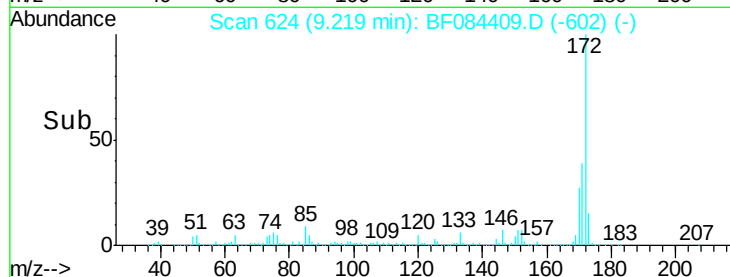
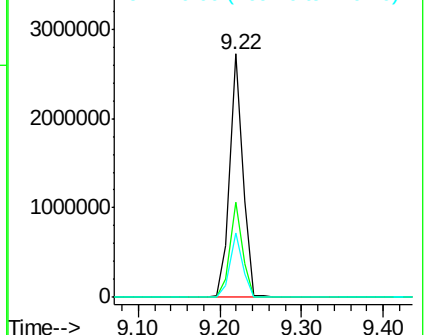
170 26.6 18.6 27.8



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



#53

2,4-Dinitrophenol

Concen: 3.60 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.08 min

Lab File: BF084409.D

Acq: 12 Jan 2016 5:31

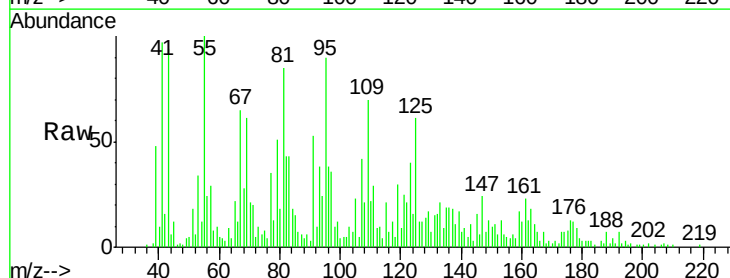
Tgt Ion:184 Resp: 184

Ion Ratio Lower Upper

184 100

63 609.4 43.1 64.7#

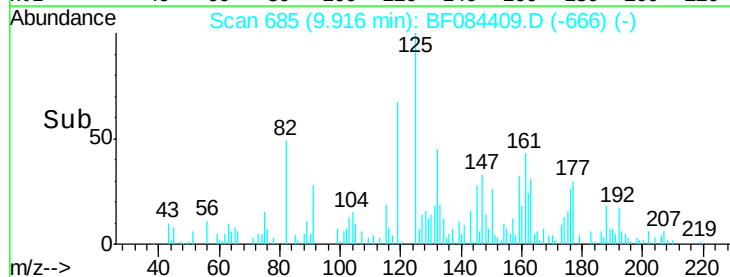
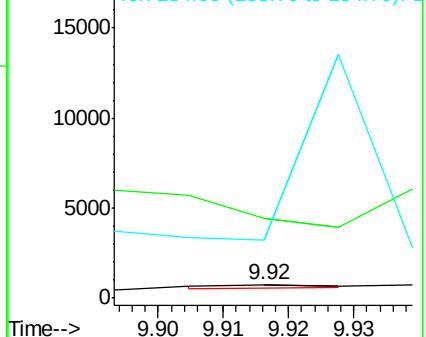
154 442.0 60.5 90.7#

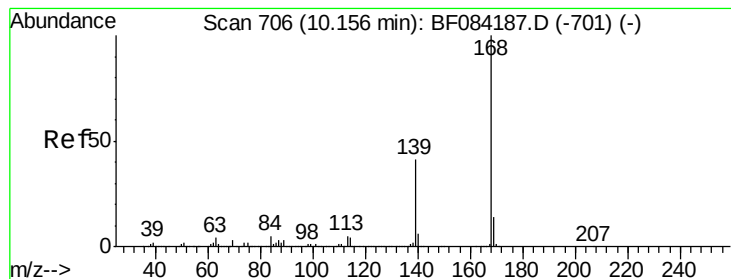


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: Below Cal

RT: 10.05 min Scan# 697

Delta R.T. -0.10 min

Lab File: BF084409.D

Acq: 12 Jan 2016 5:31

Instrument :

BNA_F

ClientSampleId :

6PW-01

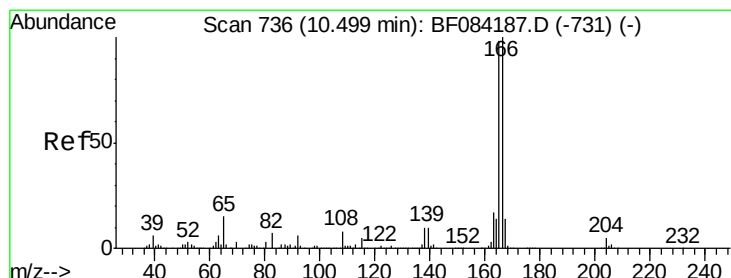
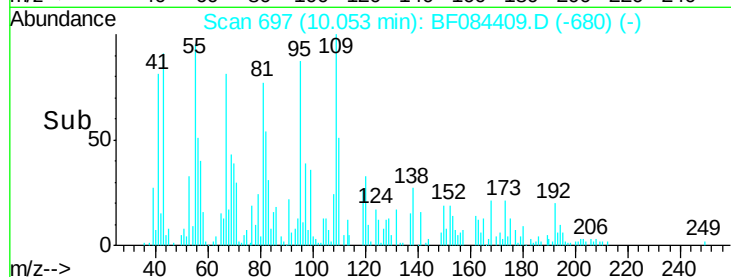
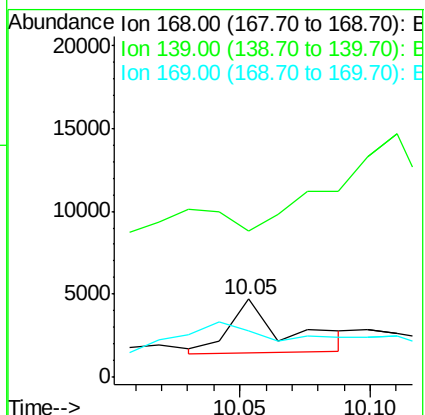
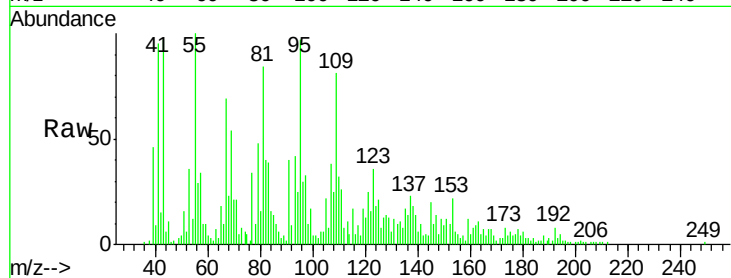
Tgt Ion:168 Resp: 5009

Ion Ratio Lower Upper

168 100

139 187.9 30.5 45.7#

169 60.2 10.4 15.6#



#57

Fluorene

Concen: Below Cal

RT: 10.44 min Scan# 731

Delta R.T. -0.06 min

Lab File: BF084409.D

Acq: 12 Jan 2016 5:31

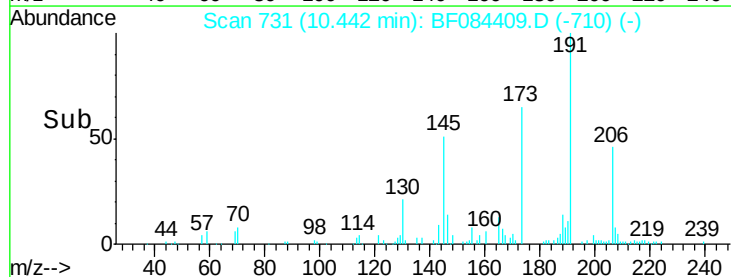
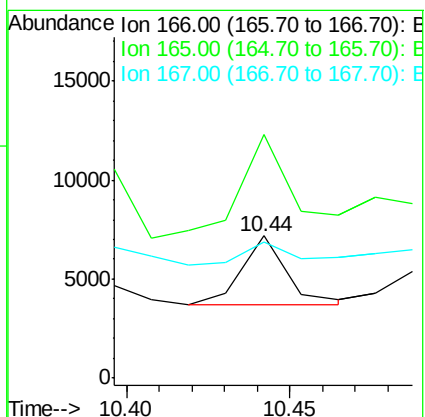
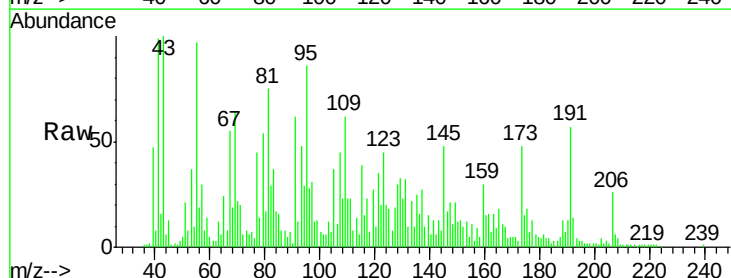
Tgt Ion:166 Resp: 3289

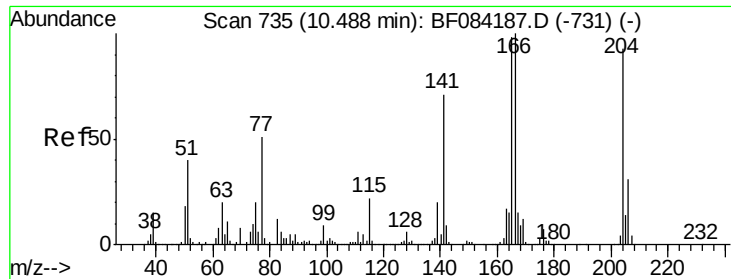
Ion Ratio Lower Upper

166 100

165 171.3 79.1 118.7#

167 96.0 10.4 15.6#

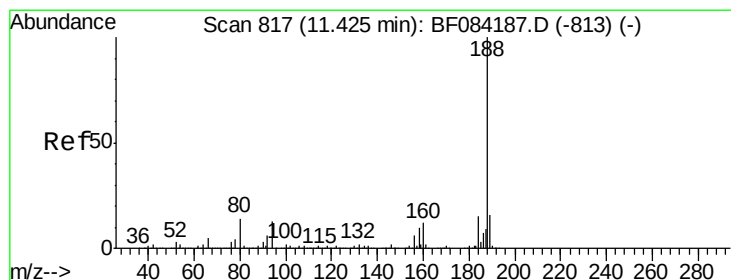
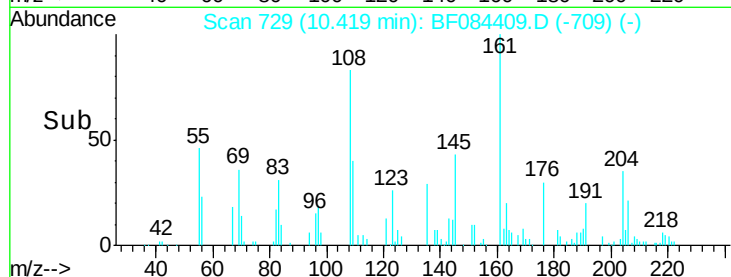
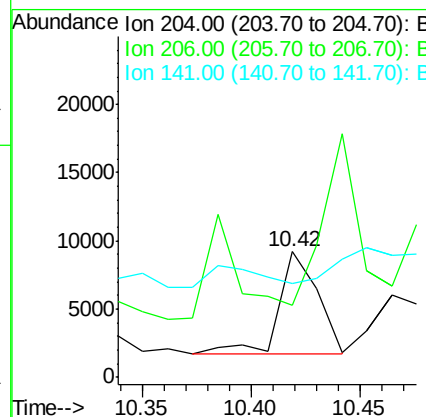
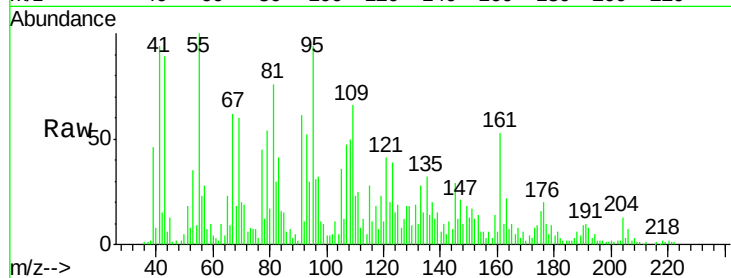




#60
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.42 min Scan# 729
Delta R.T. -0.07 min
Lab File: BF084409.D
Acq: 12 Jan 2016 5:31

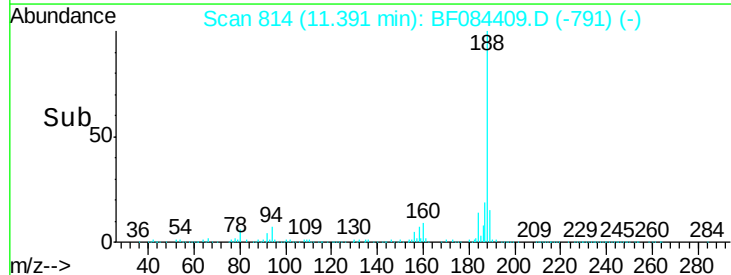
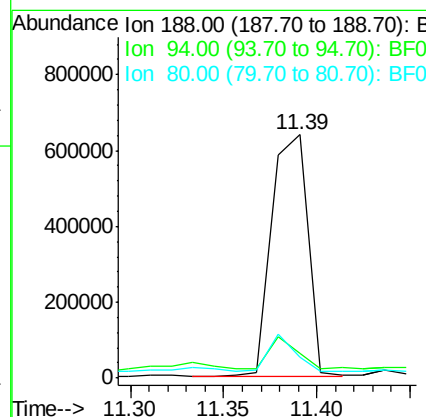
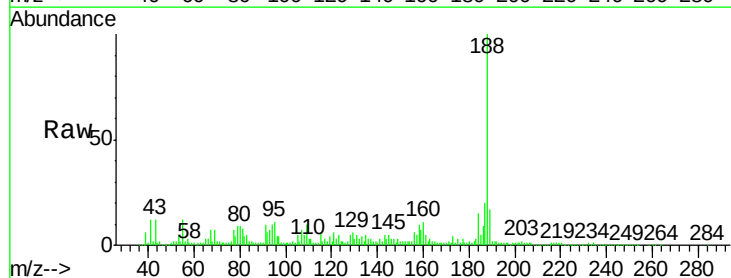
Instrument :
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6PW-01

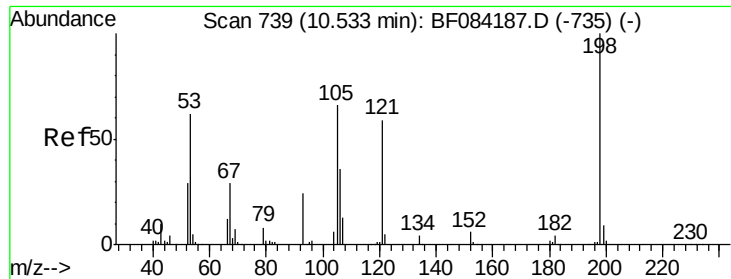
Tgt Ion: 204 Resp: 9275
Ion Ratio Lower Upper
204 100
206 58.0 25.7 38.5#
141 75.1 55.1 82.7



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.03 min
Lab File: BF084409.D
Acq: 12 Jan 2016 5:31

Tgt Ion: 188 Resp: 854206
Ion Ratio Lower Upper
188 100
94 9.9 9.0 13.4
80 8.7 9.6 14.4#





#64

4,6-Dinitro-2-methylphenol

Concen: 6.86 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF084409.D

Acq: 12 Jan 2016 5:31

Instrument :

BNA_F

ClientSampleId :

6PW-01

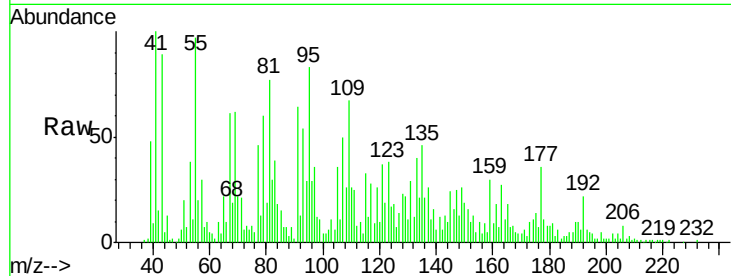
Tgt Ion:198 Resp: 3131

Ion Ratio Lower Upper

198 100

51 389.1 18.9 58.9#

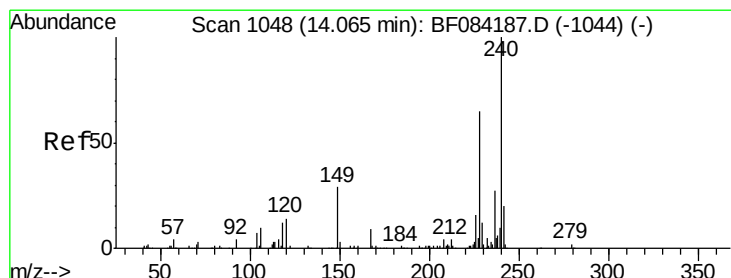
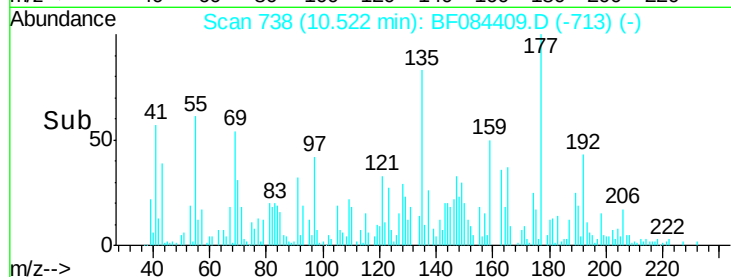
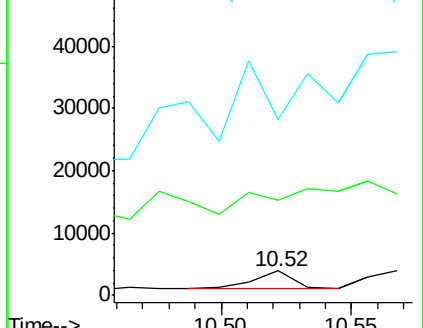
105 718.1 26.4 66.4#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF084409.D

Acq: 12 Jan 2016 5:31

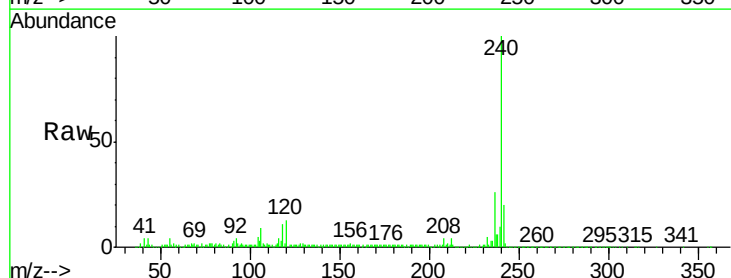
Tgt Ion:240 Resp: 646068

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

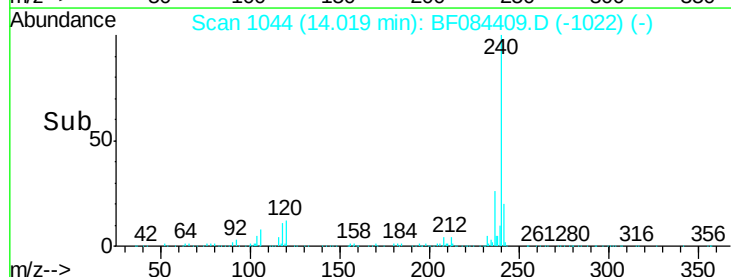
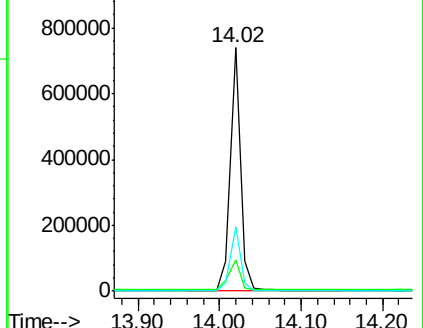
236 26.4 20.6 31.0

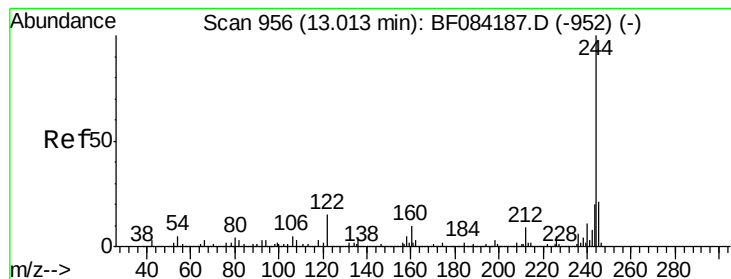


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.99 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.03 min

Lab File: BF084409.D

Acq: 12 Jan 2016 5:31

Instrument :

BNA_F

ClientSampleId :

6PW-01

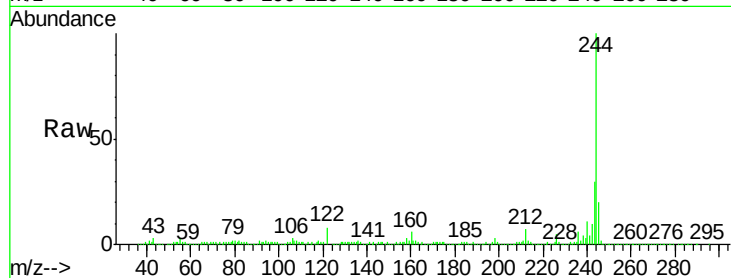
Tgt Ion:244 Resp: 2344121

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

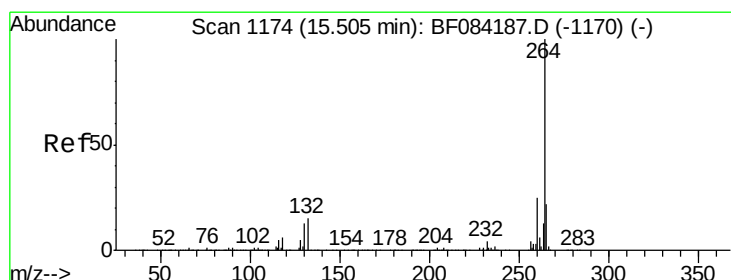
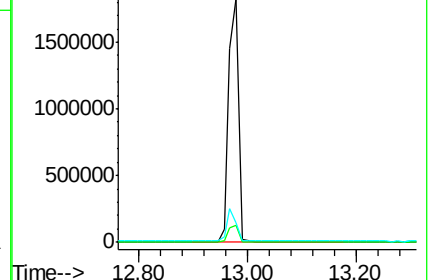
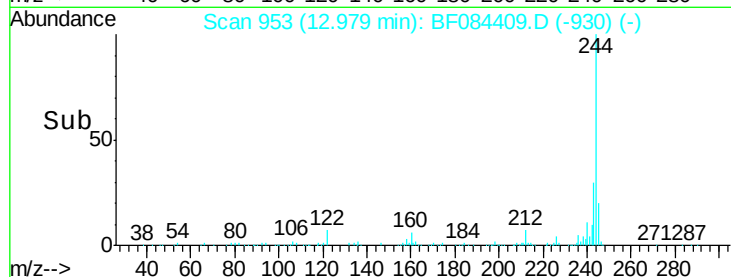
122 8.0 7.4 11.0



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: 15.45 min Scan# 1169

Delta R.T. -0.06 min

Lab File: BF084409.D

Acq: 12 Jan 2016 5:31

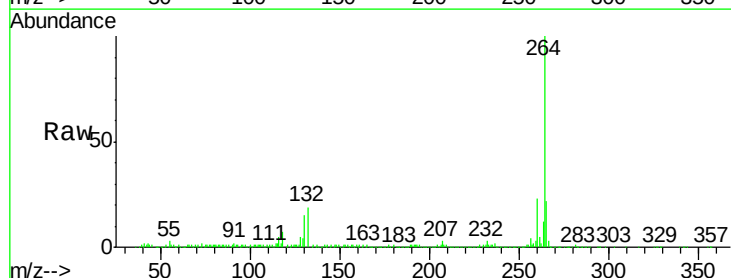
Tgt Ion:264 Resp: 572720

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.2

265 22.0 17.8 26.6



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

