

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
 Data File : BF084268.D
 Acq On : 5 Jan 2016 6:26
 Operator : UM/SJ
 Sample : G4990-12
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-38

Quant Time: Jan 05 07:34:44 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	6.89	152	264750	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1132577	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	473434	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	799163	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	563244	20.00	ng	-0.01
86) Perylene-d12	15.49	264	529746	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1200699	73.36	ng	0.01
7) Phenol-d6	6.53	99	1057171	51.43	ng	0.00
23) Nitrobenzene-d5	7.46	82	1886862	92.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	632326	132.29	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	2839937	107.18	ng	-0.01
78) Terphenyl-d14	13.00	244	1880009	74.51	ng	-0.01

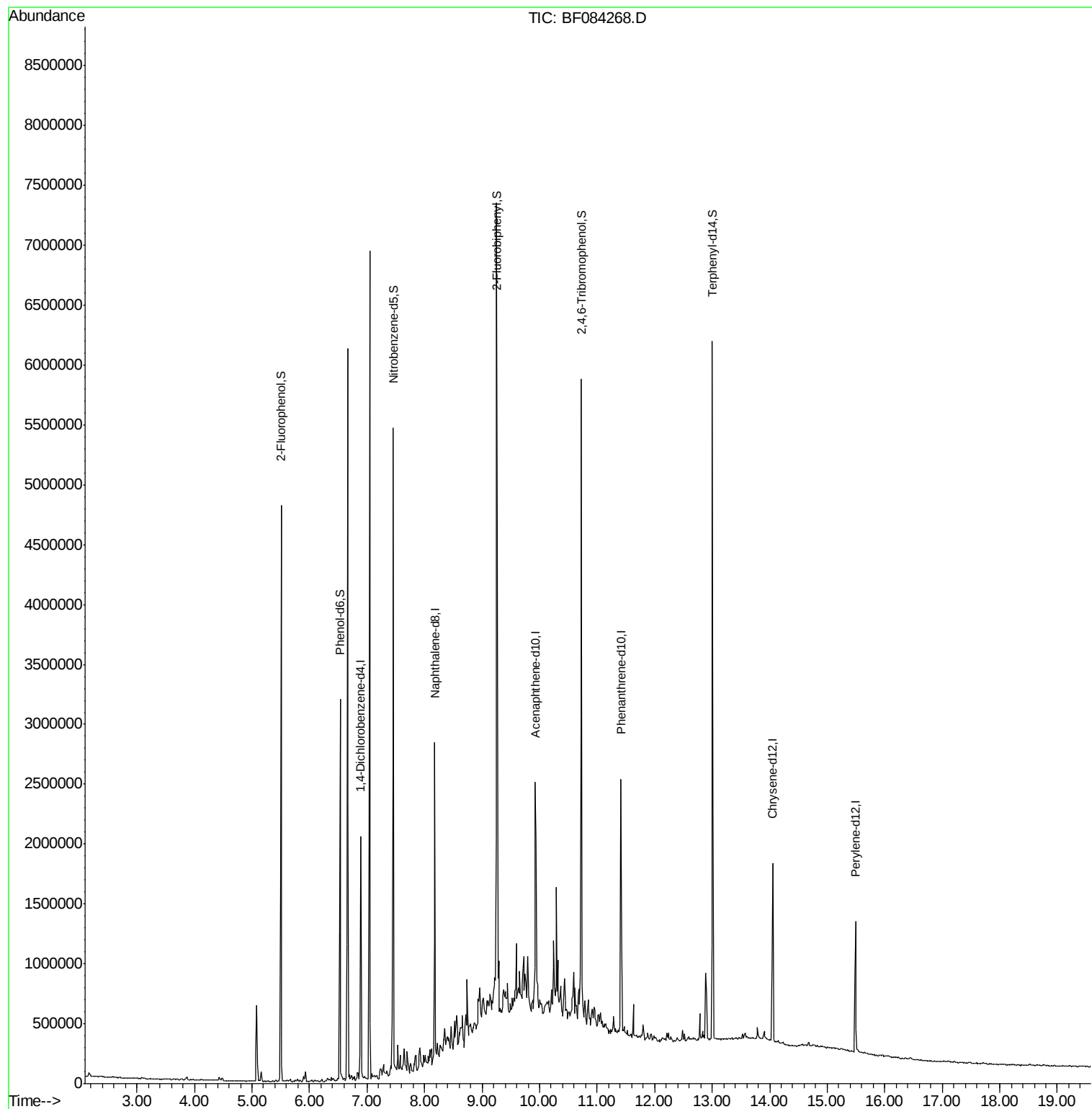
Target Compounds Qvalue

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

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Quant Time: Jan 05 07:34:44 2016
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QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF084268.D

Acq: 5 Jan 2016 6:26

Instrument :

BNA_F

ClientSampleId :

W-38

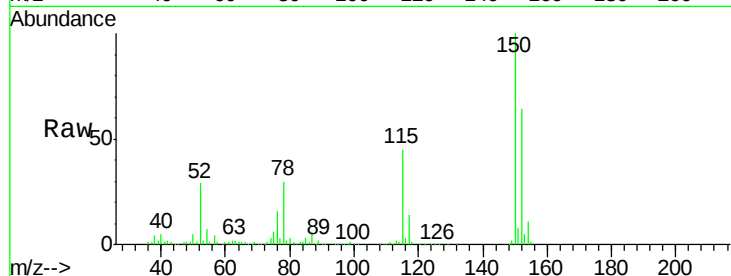
Tot Ion:152 Resp: 264750

Ion Ratio Lower Upper

152 100

150 155.5 123.0 184.4

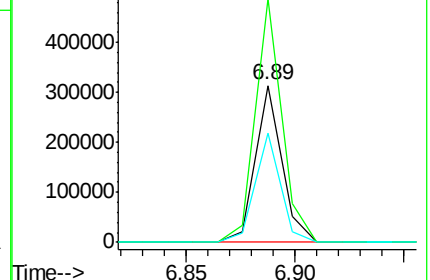
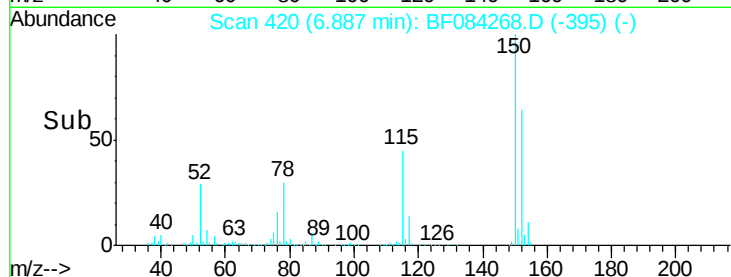
115 69.8 51.4 77.2



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: 73.36 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF084268.D

Acq: 5 Jan 2016 6:26

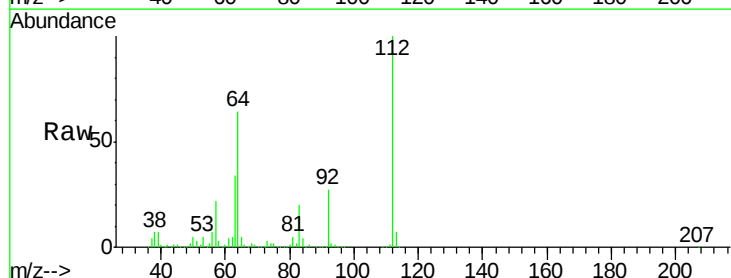
Tgt Ion:112 Resp: 1200699

Ion Ratio Lower Upper

112 100

64 64.2 36.6 55.0#

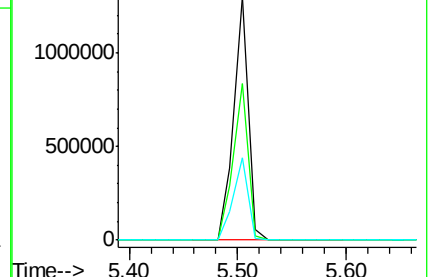
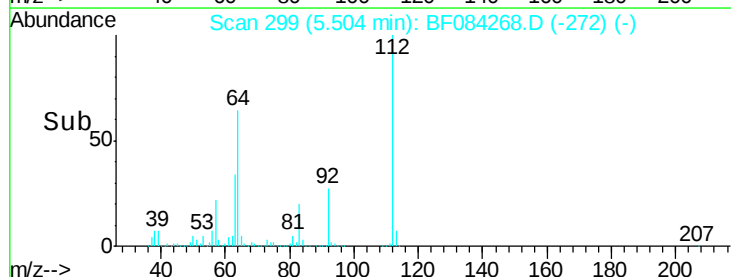
63 33.8 19.4 29.0#

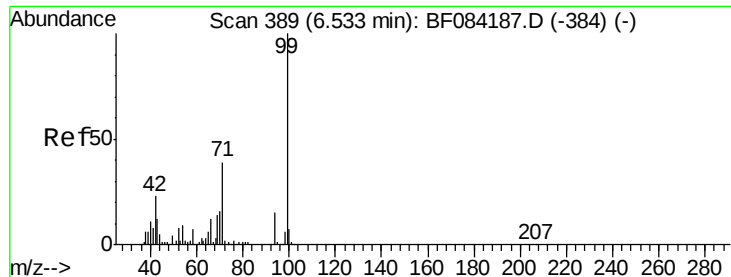


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 51.43 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084268.D

Acq: 5 Jan 2016 6:26

Instrument :

BNA_F

ClientSampleId :

W-38

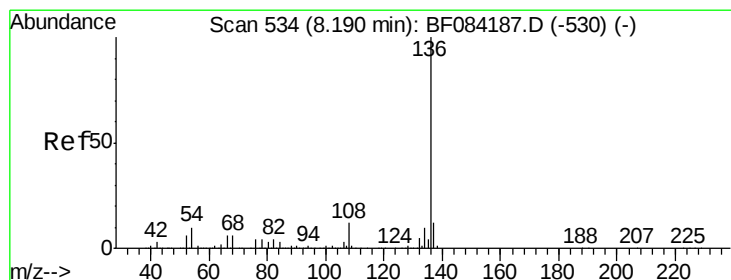
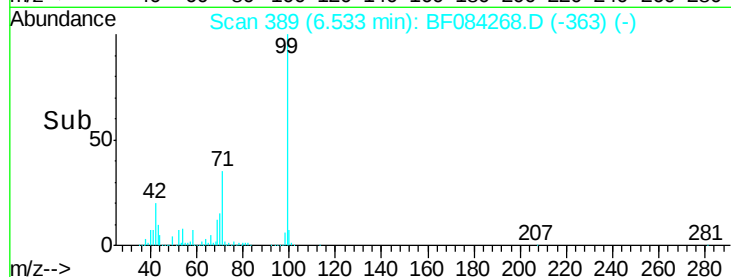
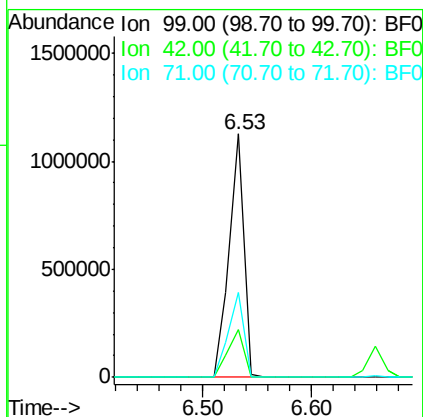
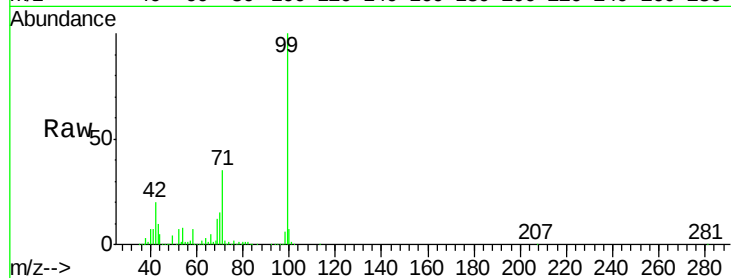
Tot Ion: 99 Resp: 1057171

Ion Ratio Lower Upper

99 100

42 19.6 12.8 19.2#

71 34.9 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF084268.D

Acq: 5 Jan 2016 6:26

Tgt Ion: 136 Resp: 1132577

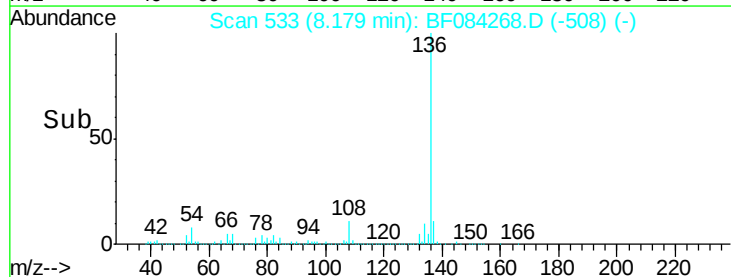
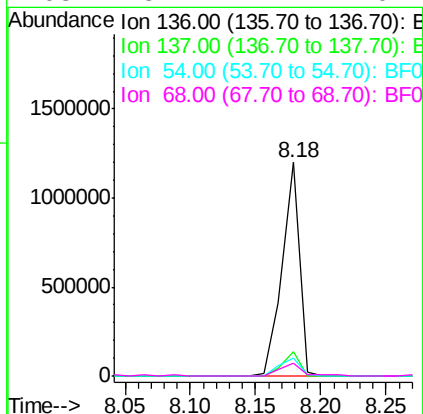
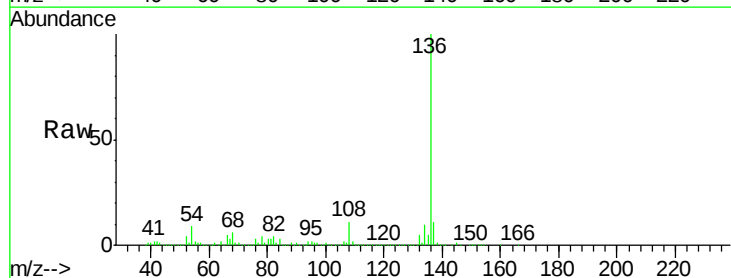
Ion Ratio Lower Upper

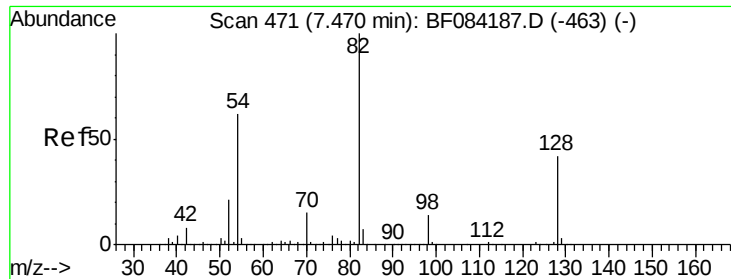
136 100

137 11.4 8.7 13.1

54 8.5 5.8 8.8

68 5.7 4.2 6.2

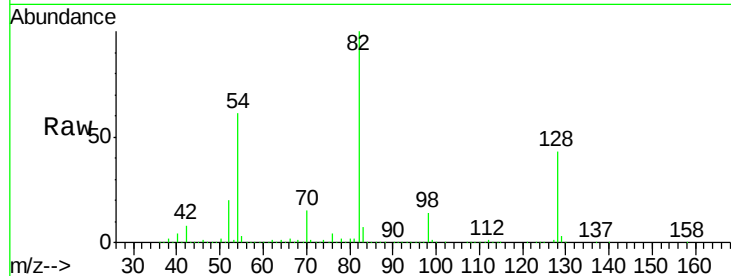




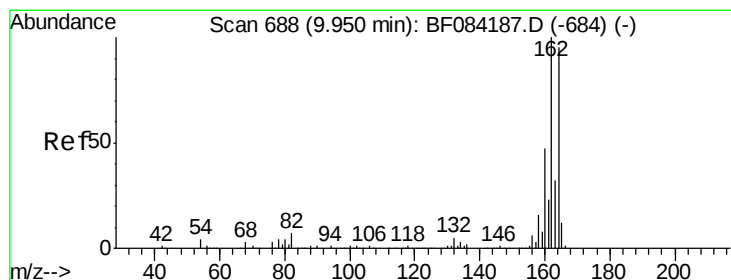
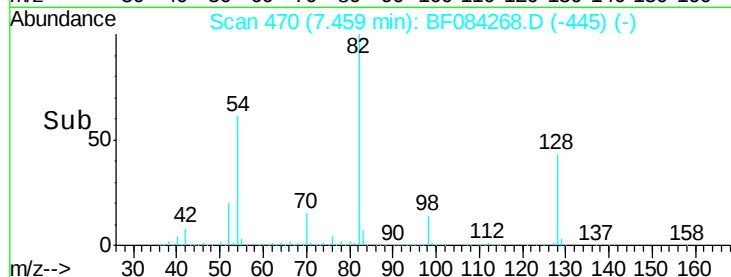
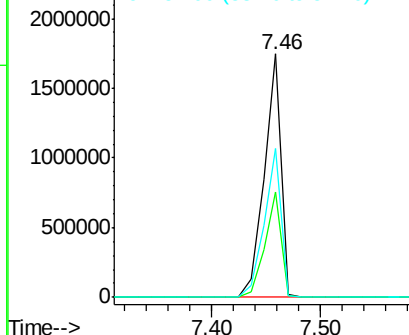
#23
Nitrobenzene-d5
Concen: 92.72 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF084268.D
Acq: 5 Jan 2016 6:26

Instrument :
BNA_F
ClientSampleId :
W-38

Tot Ion: 82 Resp: 1886862
Ion Ratio Lower Upper
82 100
128 43.1 34.6 51.8
54 61.0 38.4 57.6#

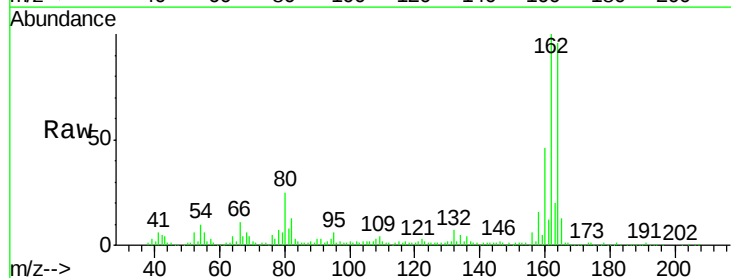


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

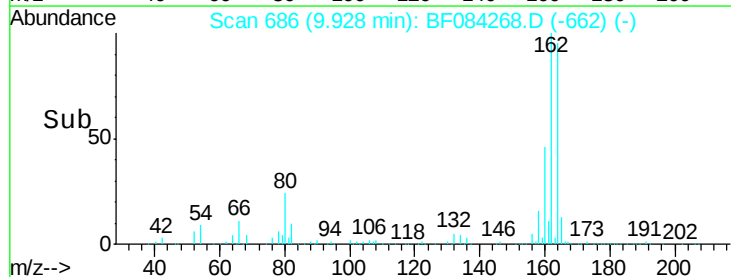
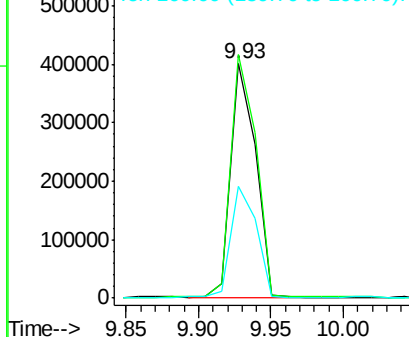


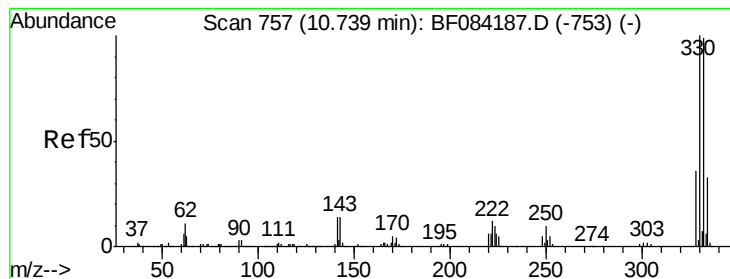
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF084268.D
Acq: 5 Jan 2016 6:26

Tgt Ion:164 Resp: 473434
Ion Ratio Lower Upper
164 100
162 103.9 85.1 127.7
160 47.5 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: 132.29 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF084268.D

Acq: 5 Jan 2016 6:26

Instrument :

BNA_F

ClientSampleId :

W-38

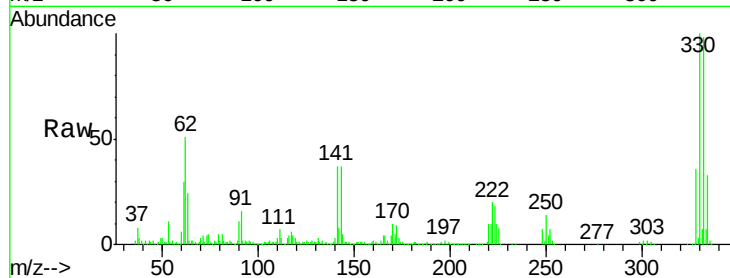
Tot Ion:330 Resp: 632326

Ion Ratio Lower Upper

330 100

332 97.0 76.6 114.8

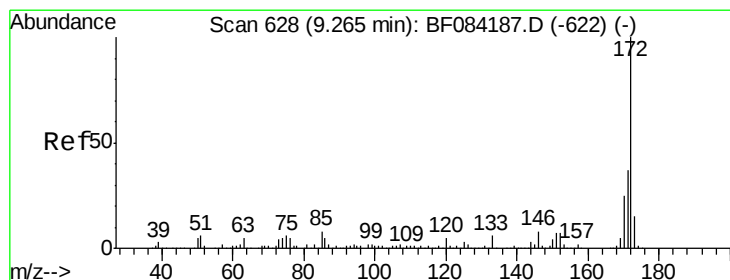
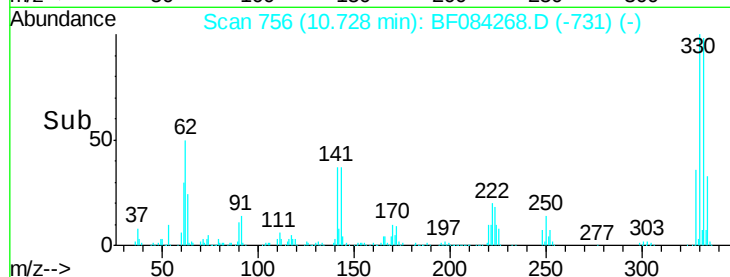
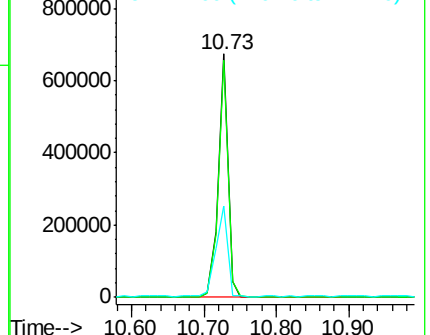
141 43.9 27.8 41.6#



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: 107.18 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF084268.D

Acq: 5 Jan 2016 6:26

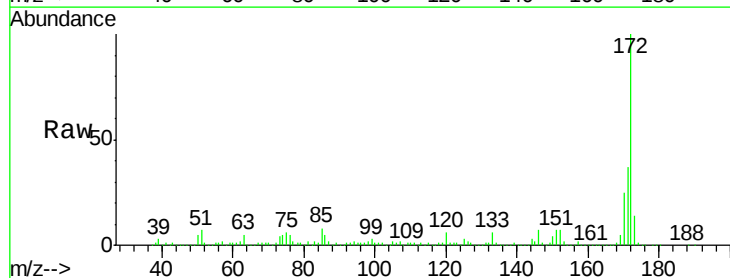
Tgt Ion:172 Resp: 2839937

Ion Ratio Lower Upper

172 100

171 36.9 28.9 43.3

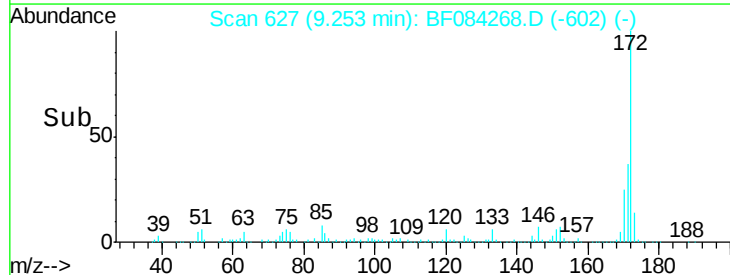
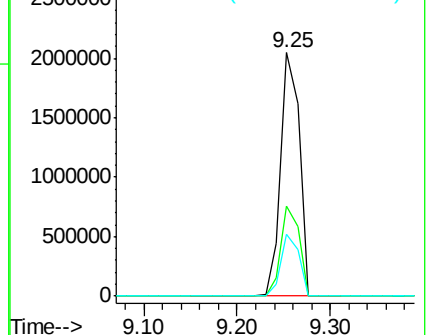
170 25.2 18.6 27.8

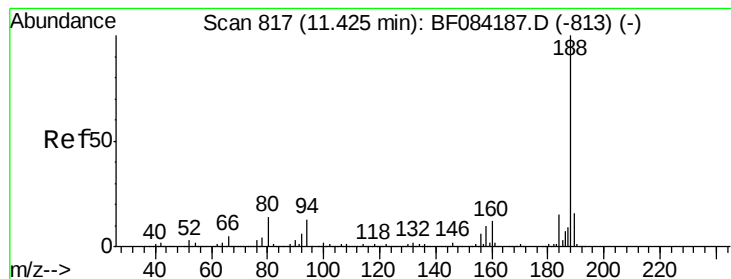


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF084268.D

Acq: 5 Jan 2016 6:26

Instrument :

BNA_F

ClientSampled :

W-38

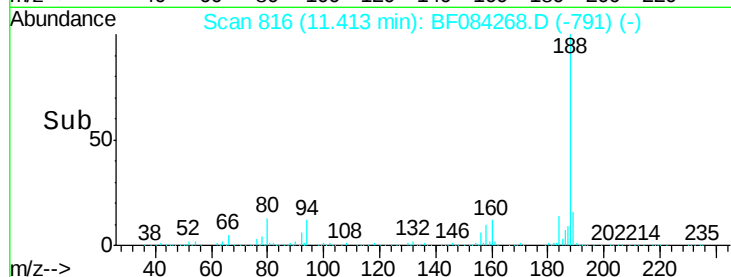
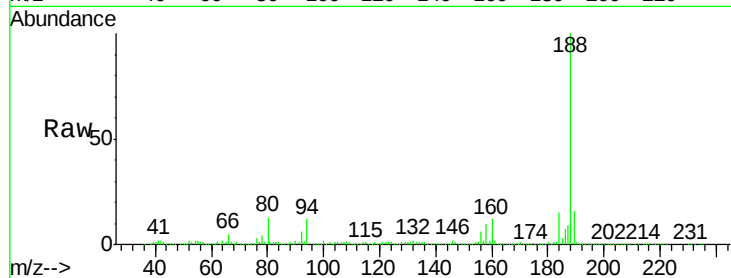
Tot Ion:188 Resp: 799163

Ion Ratio Lower Upper

188 100

94 12.2 9.0 13.4

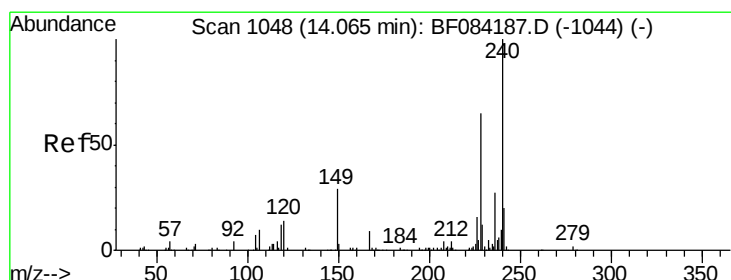
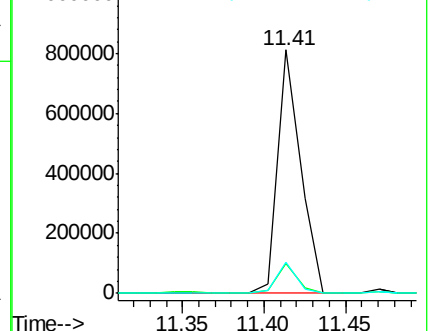
80 12.9 9.6 14.4



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF084268.D

Acq: 5 Jan 2016 6:26

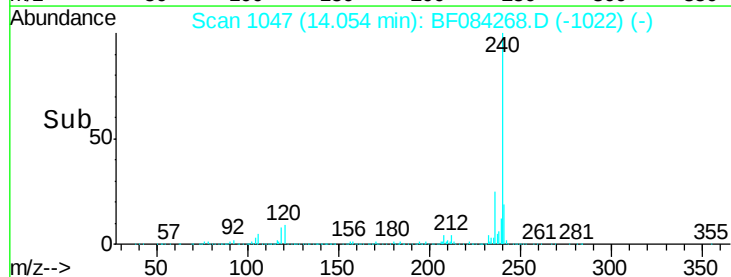
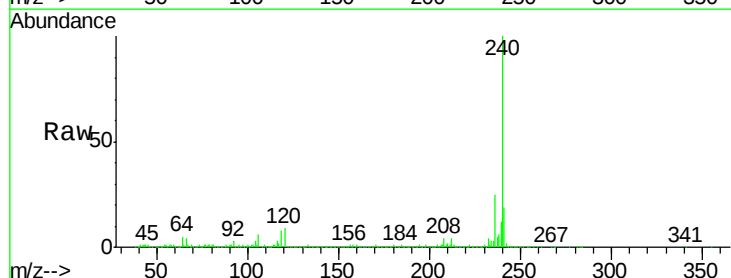
Tgt Ion:240 Resp: 563244

Ion Ratio Lower Upper

240 100

120 9.0 9.5 14.3#

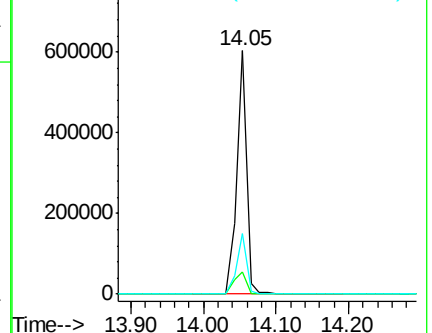
236 25.1 20.6 31.0

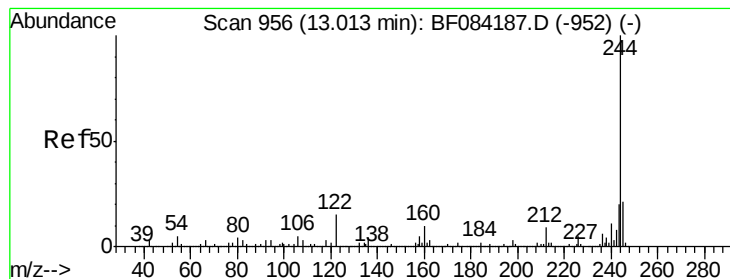


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 74.51 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF084268.D

Acq: 5 Jan 2016 6:26

Instrument :

BNA_F

ClientSampleId :

W-38

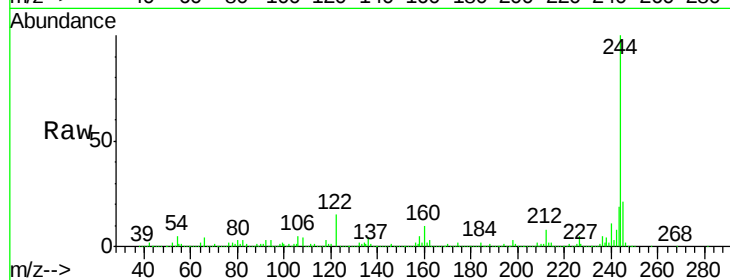
Tot Ion:244 Resp: 1880009

Ion Ratio Lower Upper

244 100

212 8.3 5.7 8.5

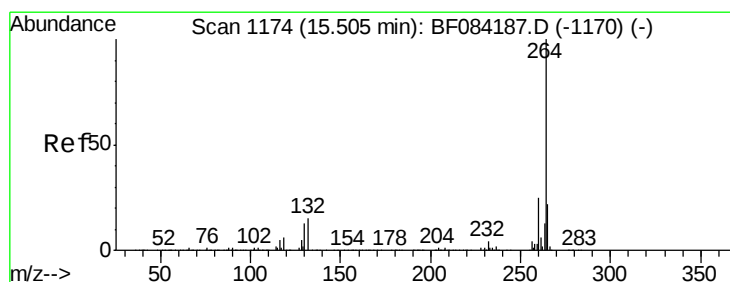
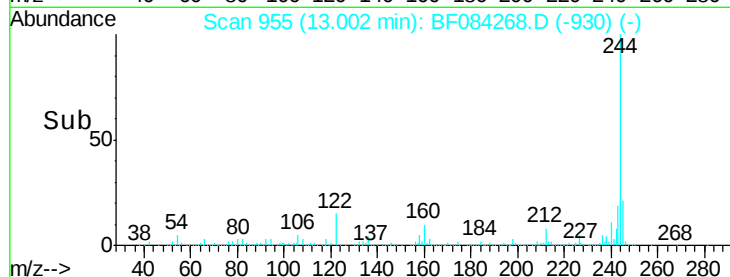
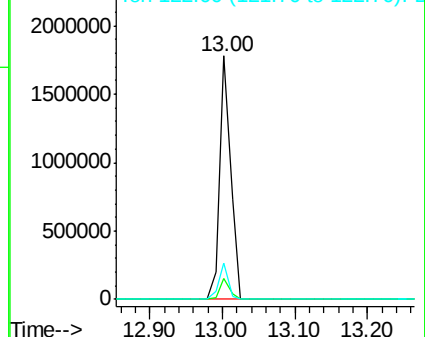
122 14.8 7.4 11.0#



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: 15.49 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF084268.D

Acq: 5 Jan 2016 6:26

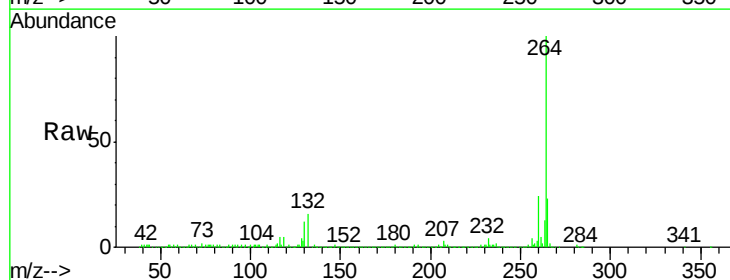
Tgt Ion:264 Resp: 529746

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 22.6 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

