

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111615\
 Data File : BF082954.D
 Acq On : 16 Nov 2015 22:53
 Operator : UM/IZ
 Sample : G4446-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 111415-A263-F-U-M

Quant Time: Nov 17 07:59:12 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	226203	20.00	ng	-0.07
21) Naphthalene-d8	8.06	136	818578	20.00	ng	-0.08
38) Acenaphthene-d10	9.82	164	490870	20.00	ng	-0.07
63) Phenanthrene-d10	11.30	188	879254	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	914105	20.00	ng	-0.08
86) Perylene-d12	15.35	264	713051	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	524899	36.10	ng	-0.06
7) Phenol-d6	6.43	99	470893	24.36	ng	-0.05
23) Nitrobenzene-d5	7.34	82	1385829	73.67	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	378411	67.23	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	2069047	60.41	ng	-0.07
78) Terphenyl-d14	12.90	244	2486114	64.51	ng	-0.07

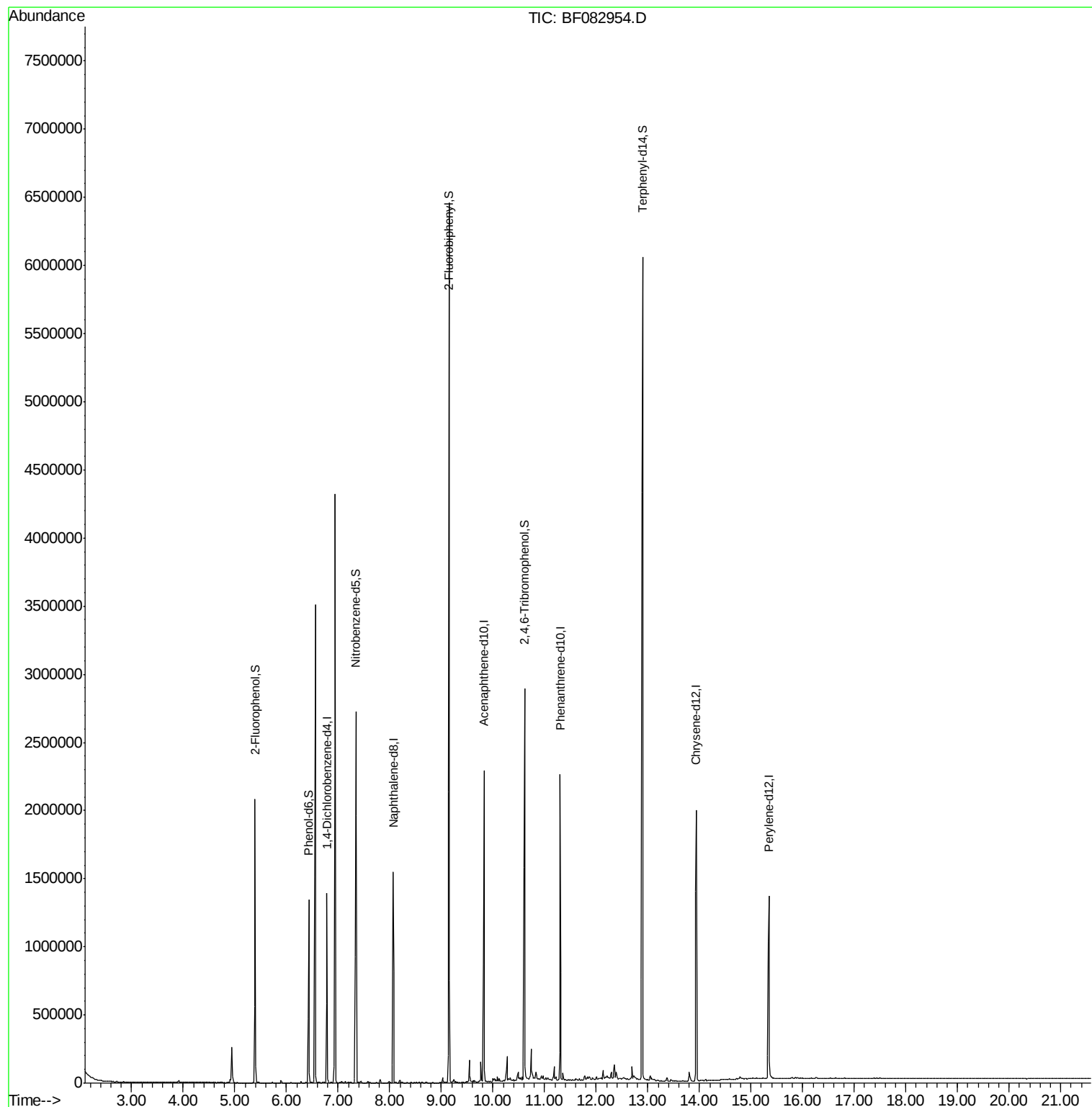
Target Compounds Qvalue

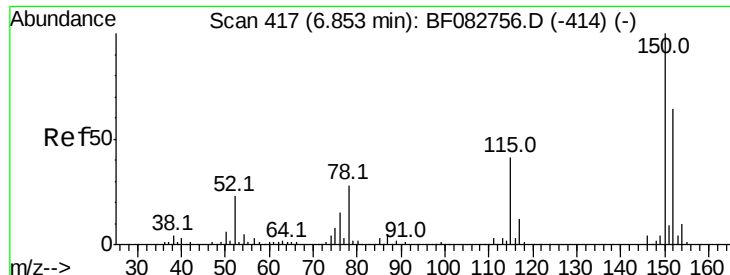
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.07 min

Lab File: BF082954.D

Acq: 16 Nov 2015 22:53

Instrument :

BNA_F

ClientSampleId :

111415-A263-F-U-M

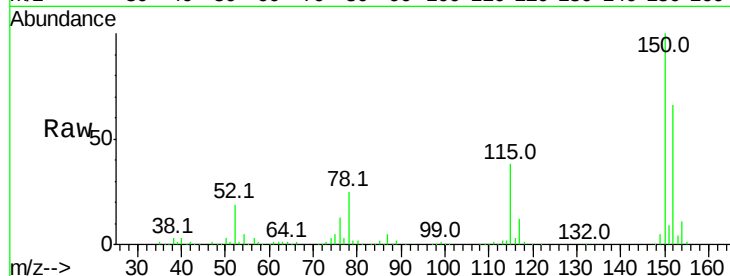
Tot Ion:152 Resp: 226203

Ion Ratio Lower Upper

152 100

150 151.9 127.0 190.4

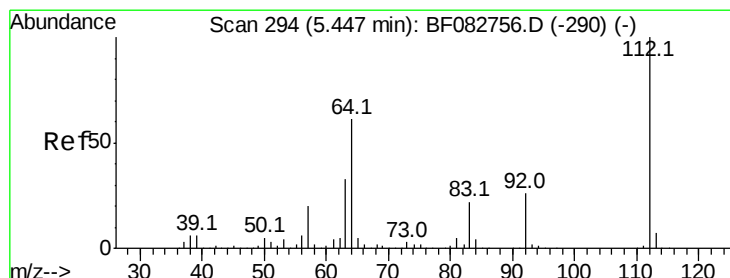
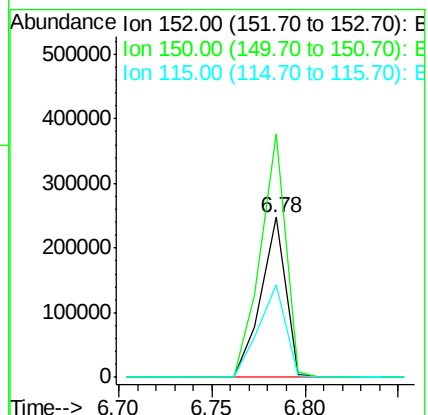
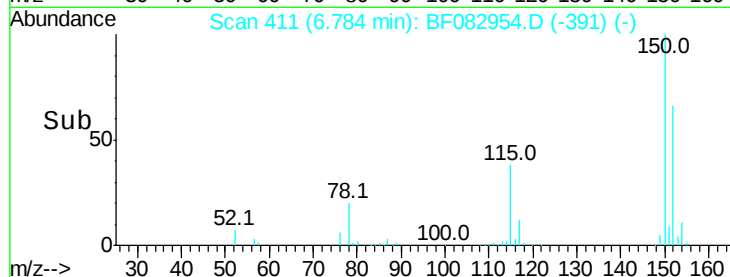
115 58.1 47.0 70.6



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: 36.10 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.06 min

Lab File: BF082954.D

Acq: 16 Nov 2015 22:53

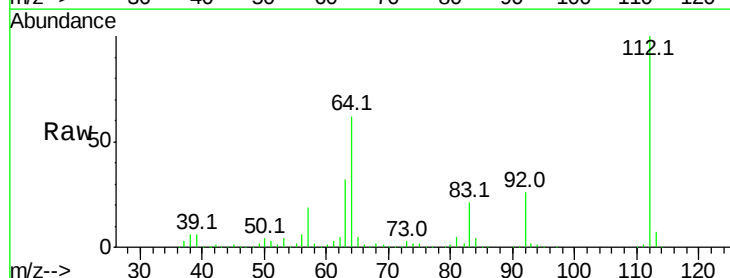
Tgt Ion:112 Resp: 524899

Ion Ratio Lower Upper

112 100

64 62.3 48.9 73.3

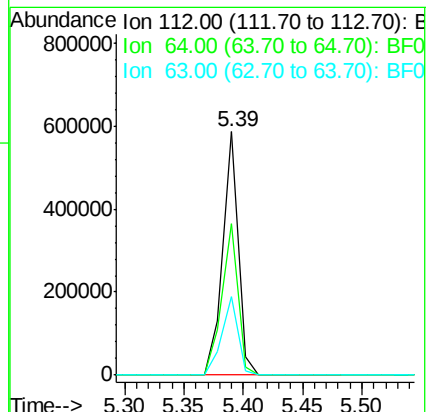
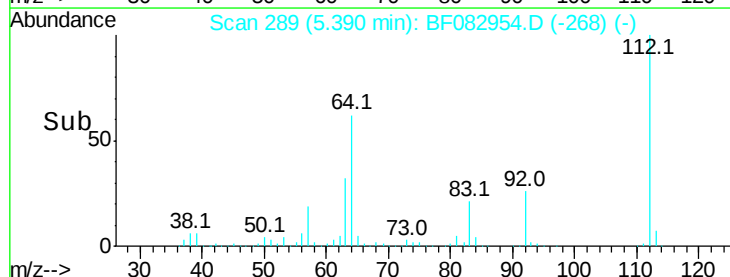
63 32.4 28.1 42.1

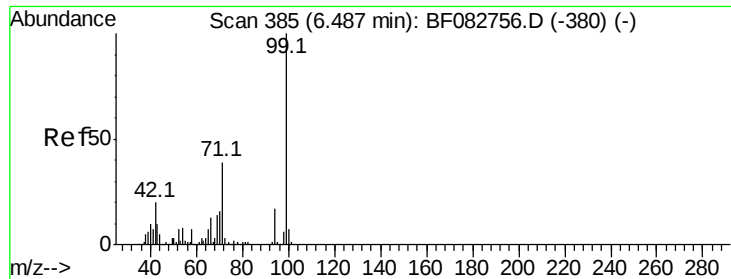


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 24.36 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.05 min

Lab File: BF082954.D

Acq: 16 Nov 2015 22:53

Instrument :

BNA_F

ClientSampleId :

111415-A263-F-U-M

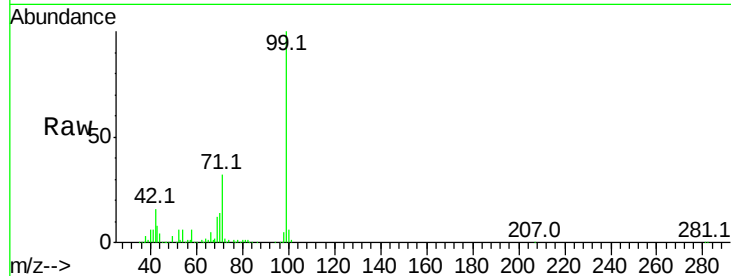
Tot Ion: 99 Resp: 470893

Ion Ratio Lower Upper

99 100

42 16.2 19.2 28.8#

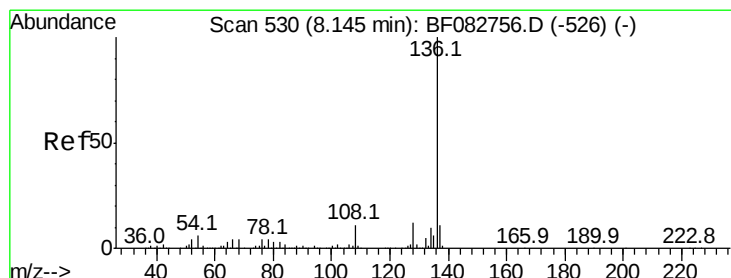
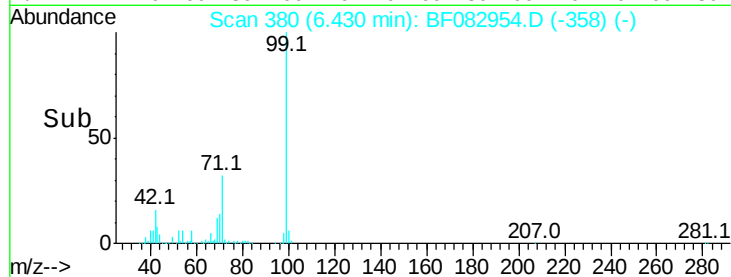
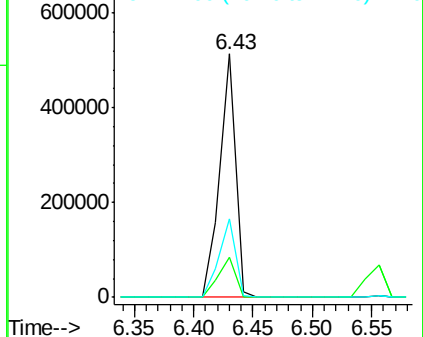
71 32.2 35.0 52.4#



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: 8.06 min Scan# 523

Delta R.T. -0.08 min

Lab File: BF082954.D

Acq: 16 Nov 2015 22:53

Tgt Ion: 136 Resp: 818578

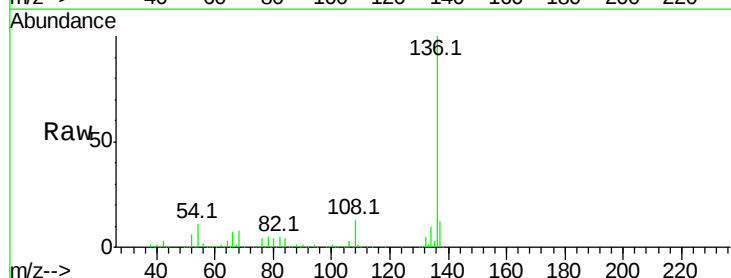
Ion Ratio Lower Upper

136 100

137 11.7 9.1 13.7

54 11.1 9.1 13.7

68 7.7 4.8 7.2#

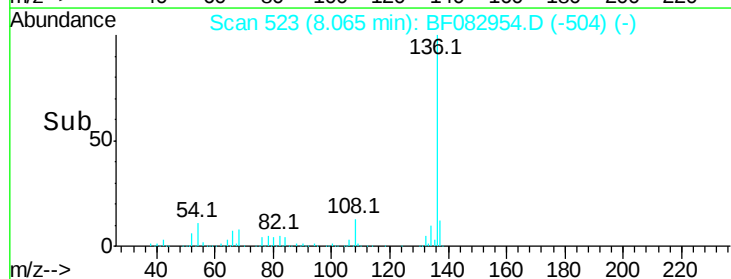
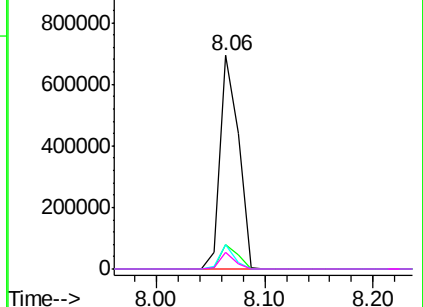


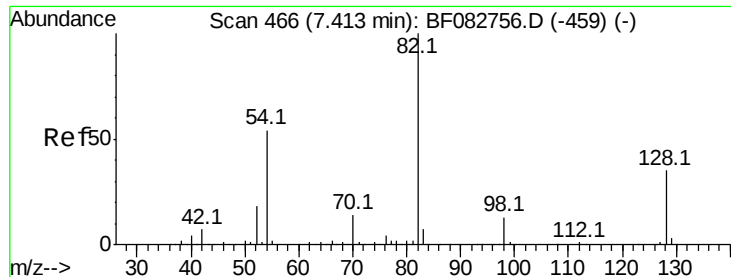
Abundance Ion 136.00 (135.70 to 136.70): E

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

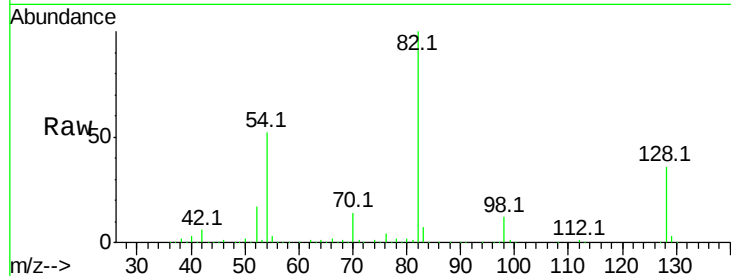




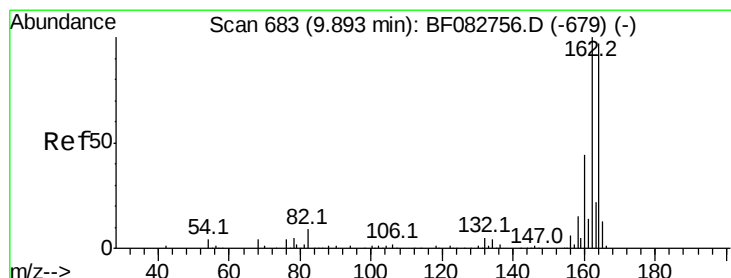
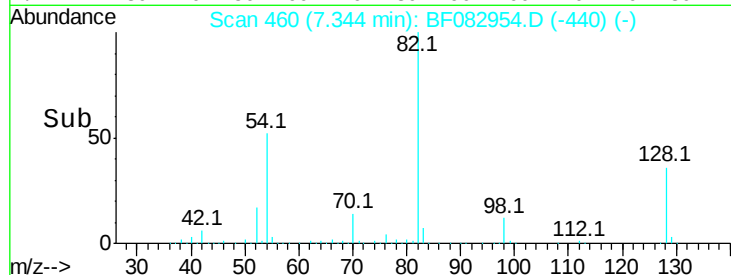
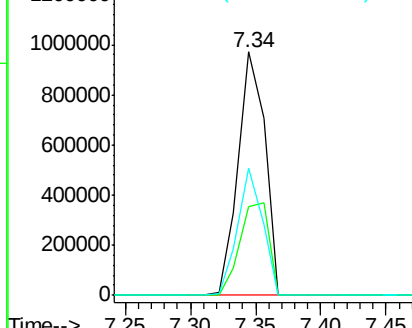
#23
 Nitrobenzene-d5
 Concen: 73.67 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.07 min
 Lab File: BF082954.D
 Acq: 16 Nov 2015 22:53

Instrument :
 BNA_F
 ClientSampleId :
 111415-A263-F-U-M

Tot Ion: 82 Resp: 1385829
 Ion Ratio Lower Upper
 82 100
 128 36.4 26.8 40.2
 54 52.1 45.7 68.5

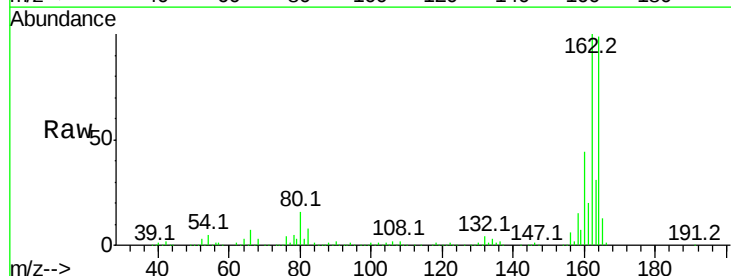


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

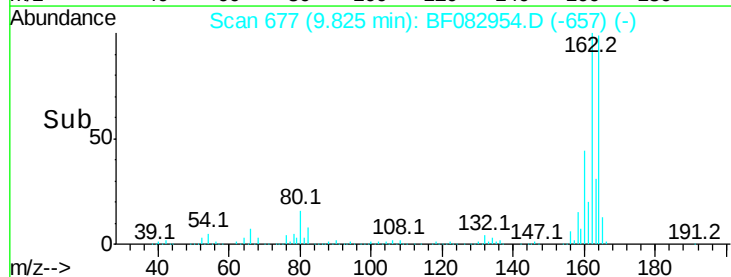
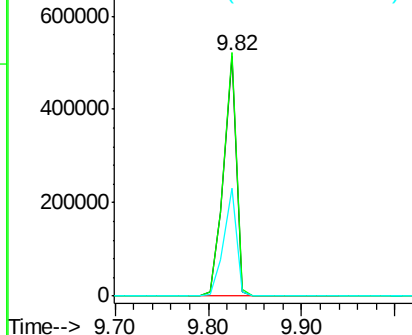


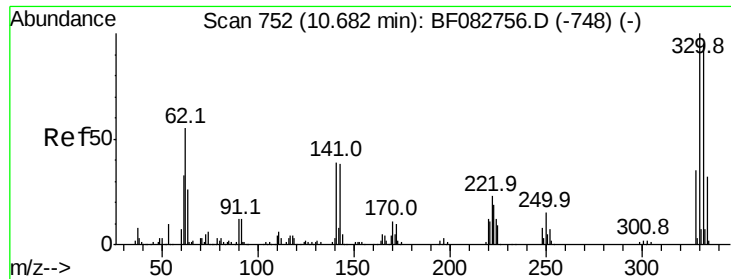
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.07 min
 Lab File: BF082954.D
 Acq: 16 Nov 2015 22:53

Tgt Ion:164 Resp: 490870
 Ion Ratio Lower Upper
 164 100
 162 101.5 84.9 127.3
 160 45.1 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

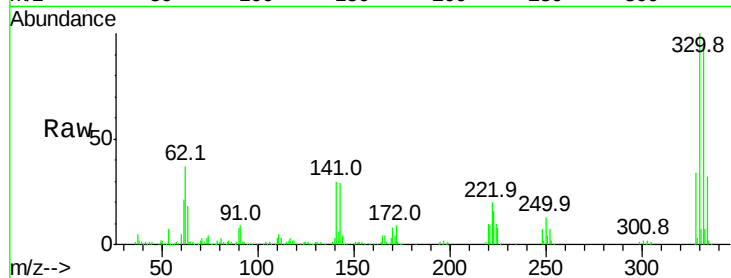




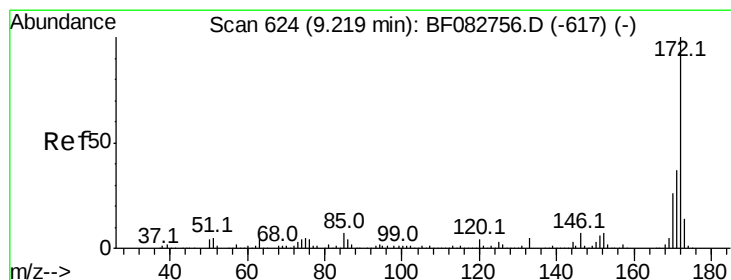
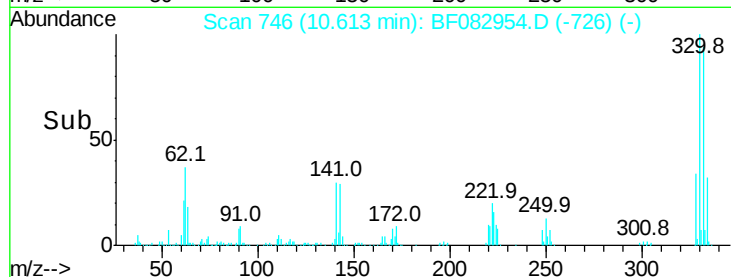
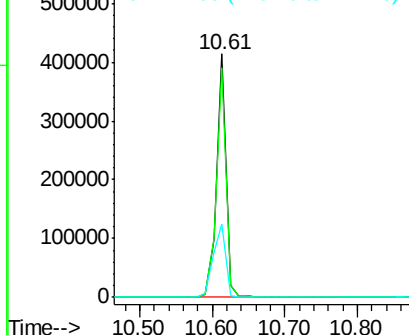
#41
 2,4,6-Tribromophenol
 Concen: 67.23 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.07 min
 Lab File: BF082954.D
 Acq: 16 Nov 2015 22:53

Instrument :
 BNA_F
 ClientSampleId :
 111415-A263-F-U-M

Tot Ion:330 Resp: 378411
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 114.8
 141 38.8 41.2 61.8#

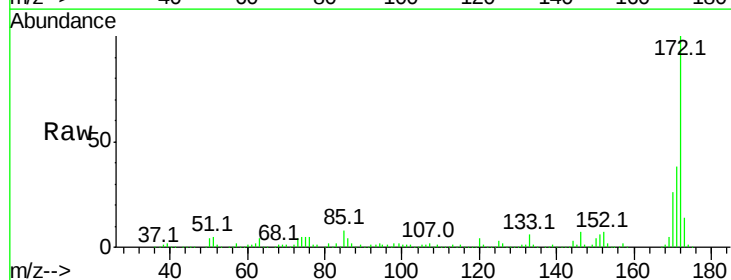


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

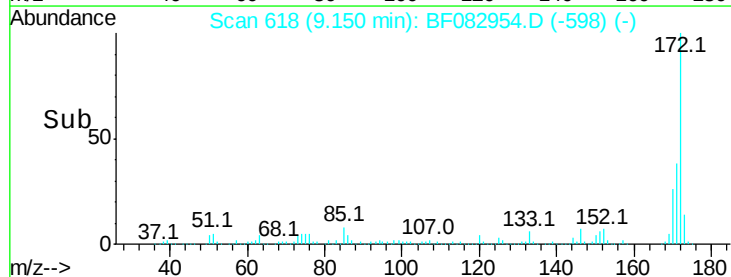
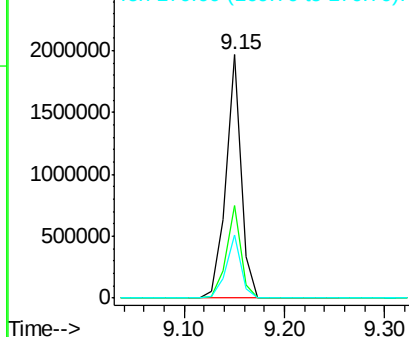


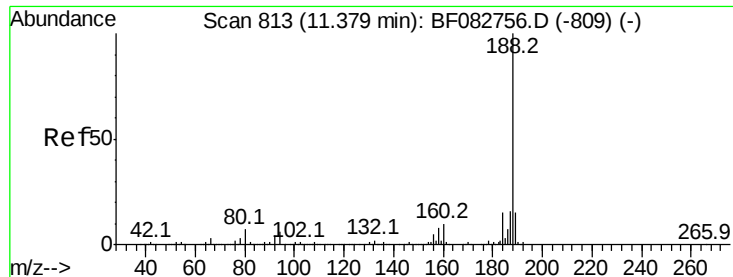
#44
 2-Fluorobiphenyl
 Concen: 60.41 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF082954.D
 Acq: 16 Nov 2015 22:53

Tgt Ion:172 Resp: 2069047
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.8 46.2
 170 26.1 21.2 31.8



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

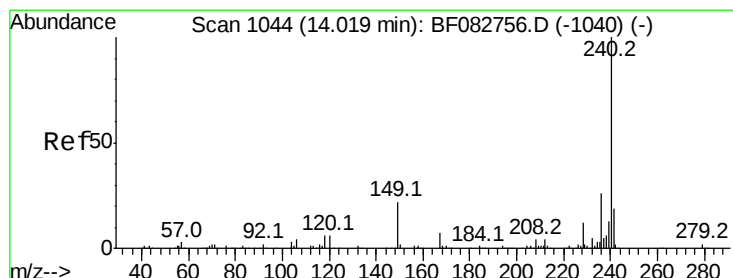
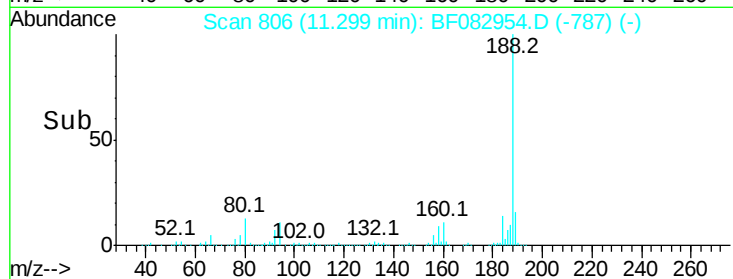
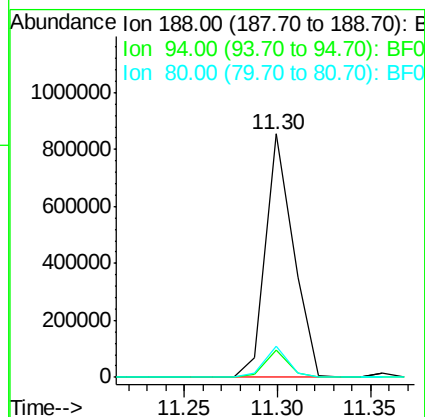
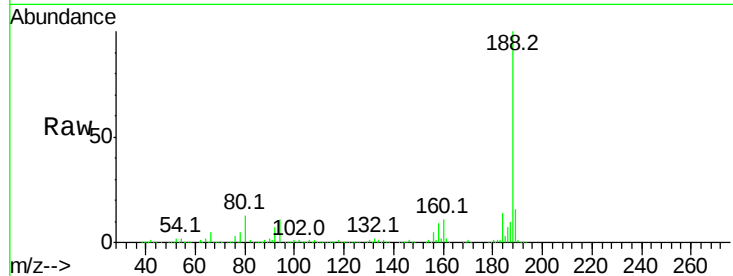




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.08 min
Lab File: BF082954.D
Acq: 16 Nov 2015 22:53

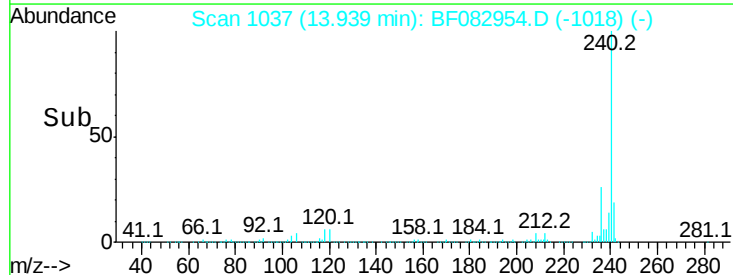
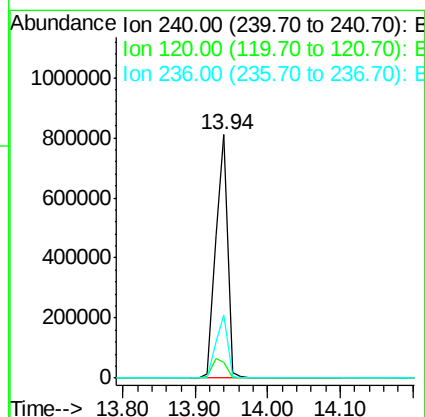
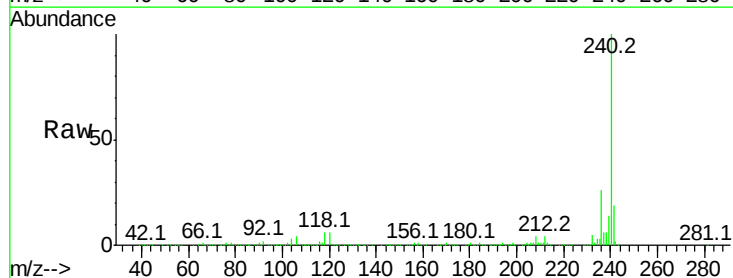
Instrument :
BNA_F
ClientSampleId :
111415-A263-F-U-M

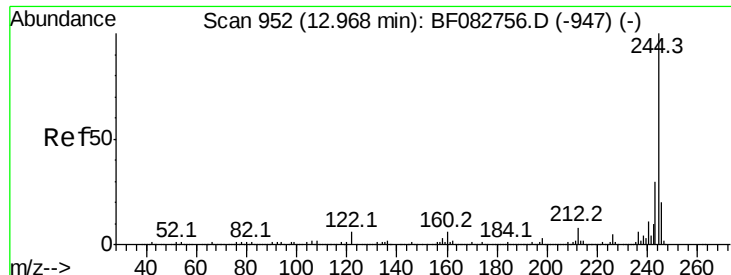
Tot Ion:188 Resp: 879254
Ion Ratio Lower Upper
188 100
94 11.4 6.1 9.1#
80 12.9 7.0 10.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.08 min
Lab File: BF082954.D
Acq: 16 Nov 2015 22:53

Tgt Ion:240 Resp: 914105
Ion Ratio Lower Upper
240 100
120 6.5 10.9 16.3#
236 25.9 21.6 32.4





#78

Terphenyl-d14

Concen: 64.51 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.07 min

Lab File: BF082954.D

Acq: 16 Nov 2015 22:53

Instrument :

BNA_F

ClientSampleId :

111415-A263-F-U-M

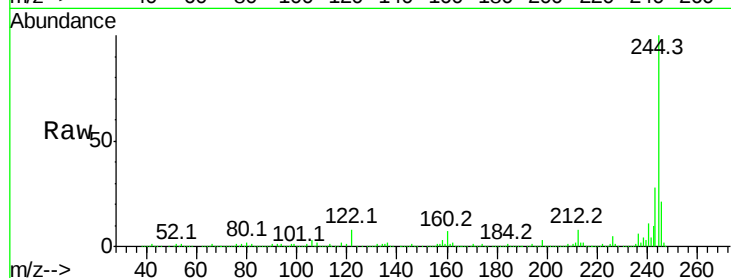
Tot Ion:244 Resp: 2486114

Ion Ratio Lower Upper

244 100

212 7.9 7.6 11.4

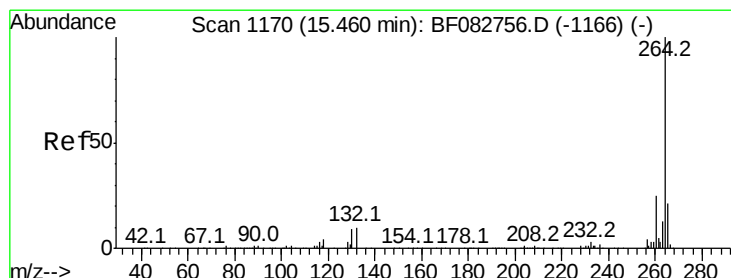
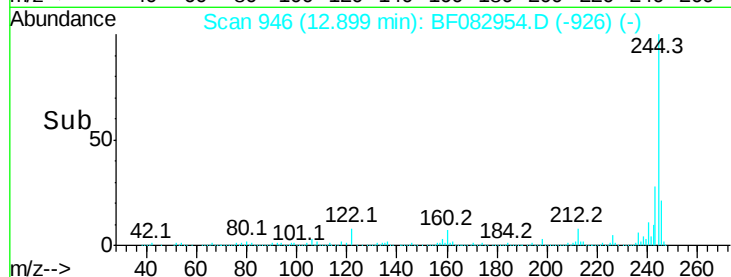
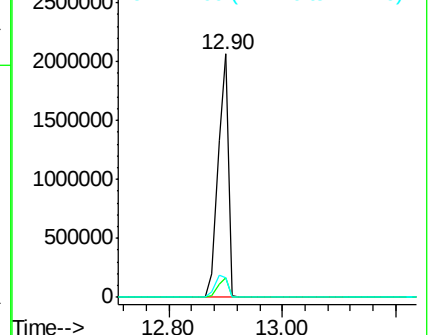
122 8.1 11.3 16.9#



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: 15.35 min Scan# 1160

Delta R.T. -0.11 min

Lab File: BF082954.D

Acq: 16 Nov 2015 22:53

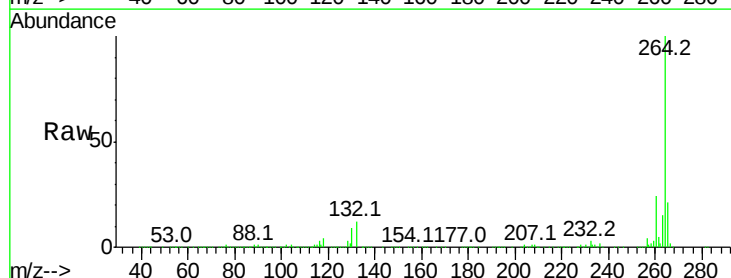
Tgt Ion:264 Resp: 713051

Ion Ratio Lower Upper

264 100

260 24.2 19.8 29.6

265 21.1 17.4 26.0



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

