

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082934.D
 Acq On : 14 Nov 2015 10:06
 Operator : UM/IZ
 Sample : G4382-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Nov 16 01:04:01 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

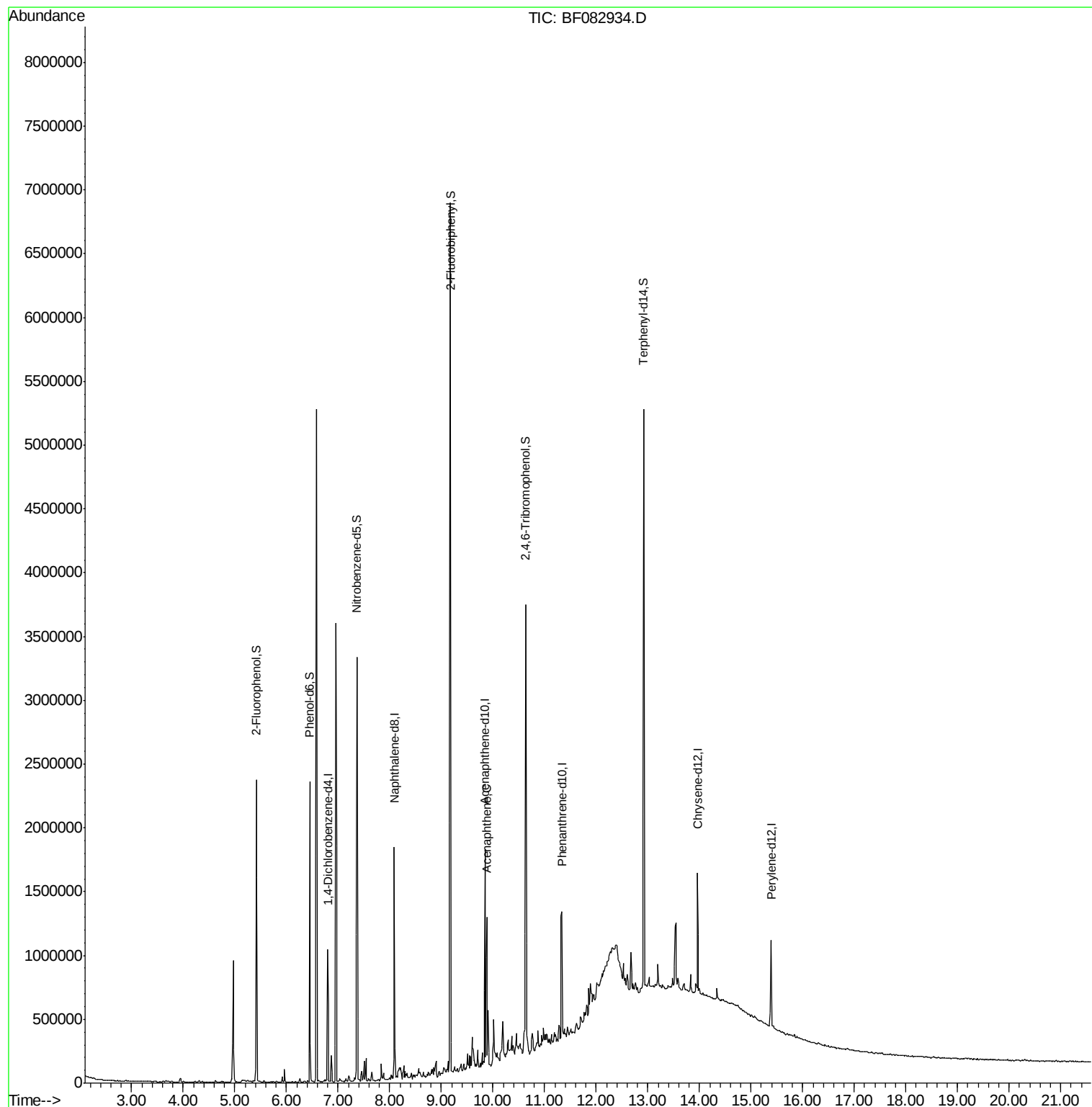
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	187073	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	698587	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	356894	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	553678	20.00	ng	-0.05
75) Chrysene-d12	13.96	240	385937	20.00	ng	-0.06
86) Perylene-d12	15.39	264	403213	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	803789	66.85	ng	-0.03
7) Phenol-d6	6.45	99	693086	43.36	ng	-0.02
23) Nitrobenzene-d5	7.37	82	1206000	75.12	ng	-0.04
41) 2,4,6-Tribromophenol	10.64	330	399605	97.65	ng	-0.04
44) 2-Fluorobiphenyl	9.17	172	1944128	78.07	ng	-0.05
78) Terphenyl-d14	12.92	244	1390448	85.45	ng	-0.04
Target Compounds						
51) Acenaphthene	9.88	154	353677	14.91	ng	Qvalue 98

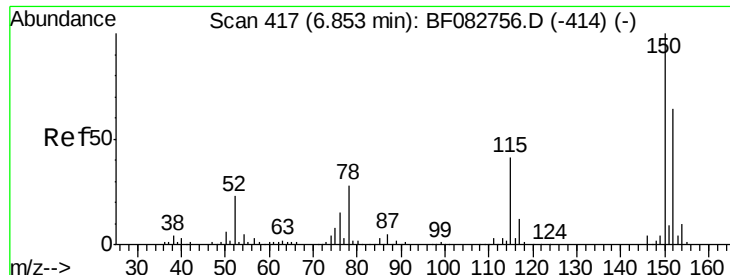
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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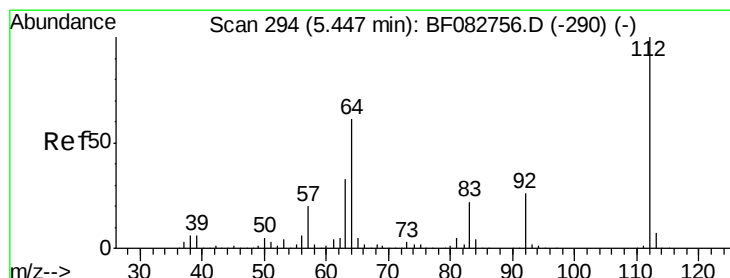
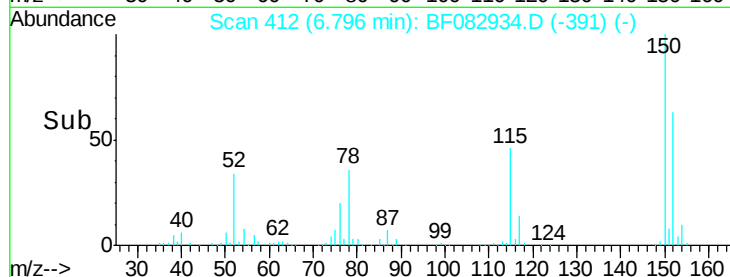
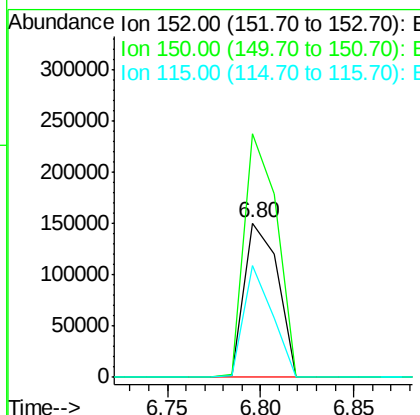
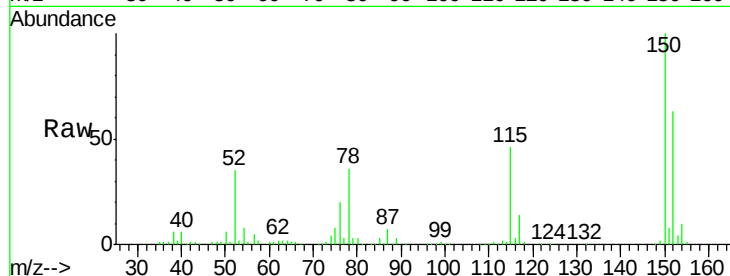




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 412
 Delta R.T. -0.06 min
 Lab File: BF082934.D
 Acq: 14 Nov 2015 10:06

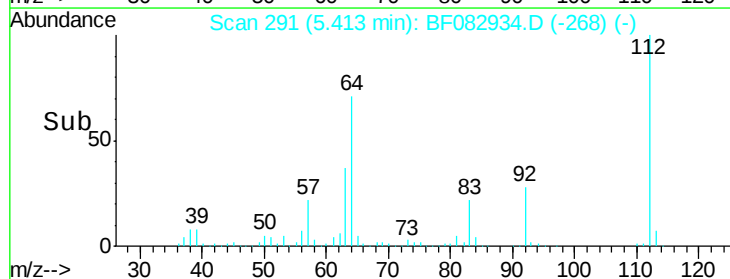
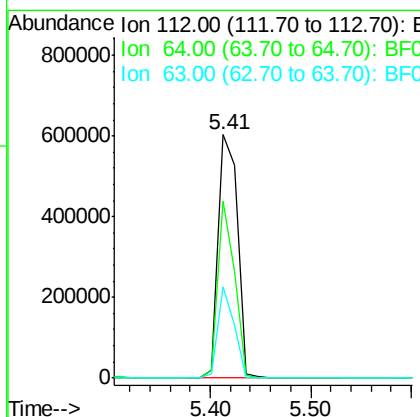
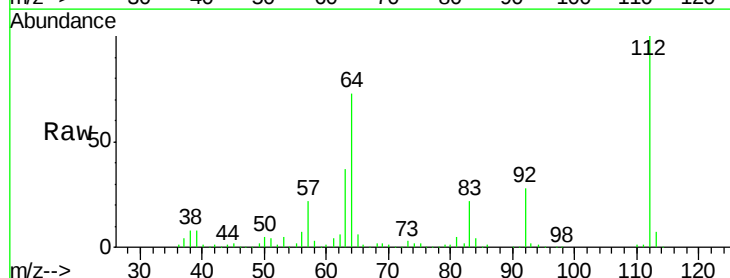
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

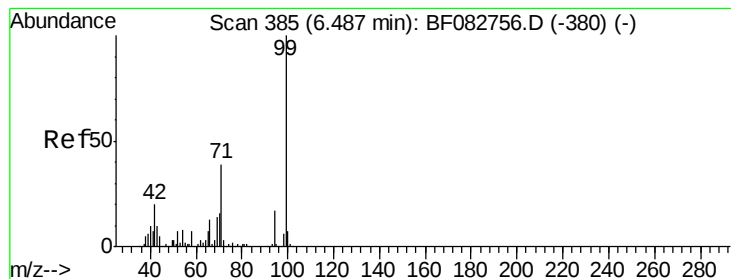
Tgt Ion:152 Resp: 187073
 Ion Ratio Lower Upper
 152 100
 150 157.8 127.0 190.4
 115 72.5 47.0 70.6#



#5
 2-Fluorophenol
 Concen: 66.85 ng
 RT: 5.41 min Scan# 291
 Delta R.T. -0.03 min
 Lab File: BF082934.D
 Acq: 14 Nov 2015 10:06

Tgt Ion:112 Resp: 803789
 Ion Ratio Lower Upper
 112 100
 64 72.6 48.9 73.3
 63 37.3 28.1 42.1





#7

Phenol-d6

Concen: 43.36 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF082934.D

Acq: 14 Nov 2015 10:06

Instrument :

BNA_F

ClientSampled :

MW-1

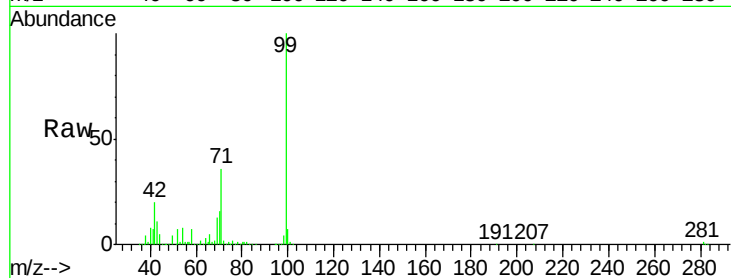
Tgt Ion: 99 Resp: 693086

Ion Ratio Lower Upper

99 100

42 19.9 19.2 28.8

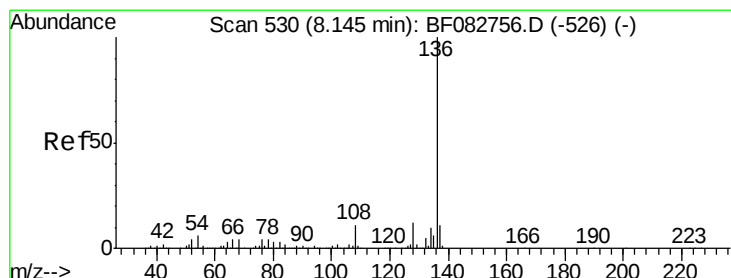
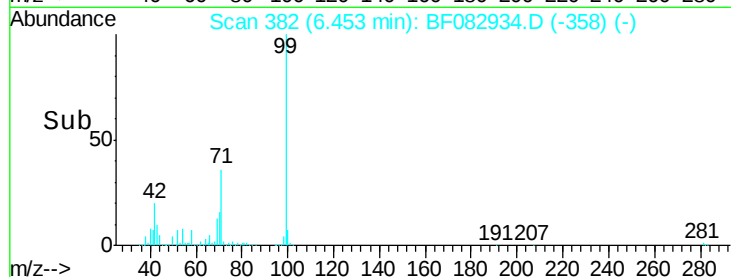
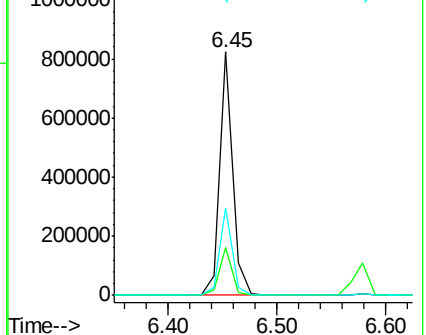
71 36.1 35.0 52.4



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: 8.09 min Scan# 525

Delta R.T. -0.06 min

Lab File: BF082934.D

Acq: 14 Nov 2015 10:06

Tgt Ion: 136 Resp: 698587

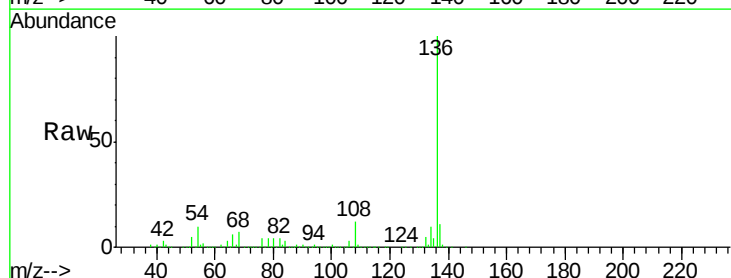
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 10.1 9.1 13.7

68 7.0 4.8 7.2

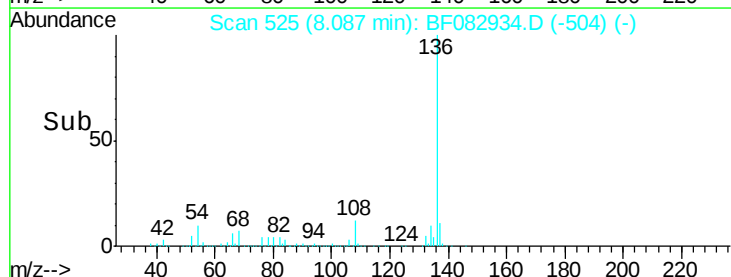
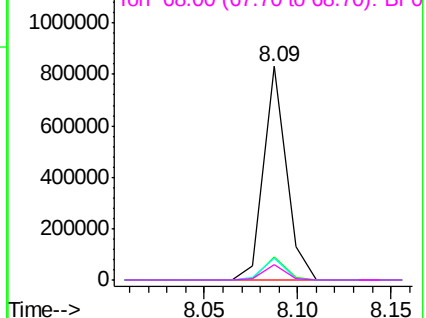


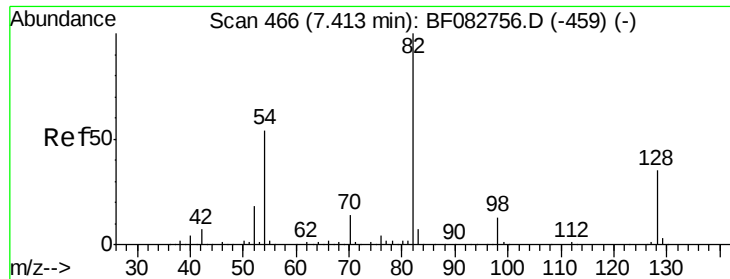
Abundance Ion 136.00 (135.70 to 136.70): E

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

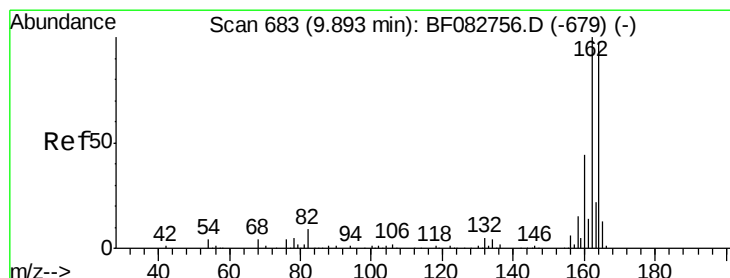
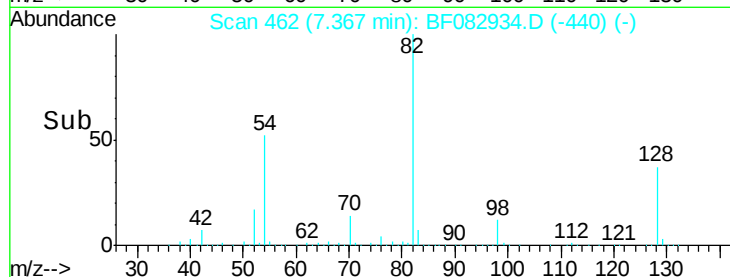
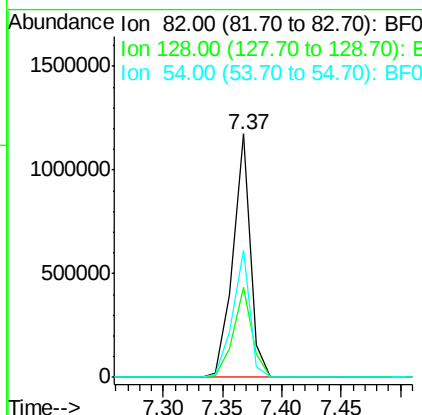
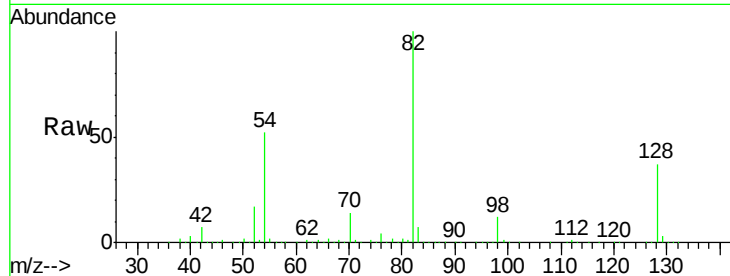




#23
 Nitrobenzene-d5
 Concen: 75.12 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.04 min
 Lab File: BF082934.D
 Acq: 14 Nov 2015 10:06

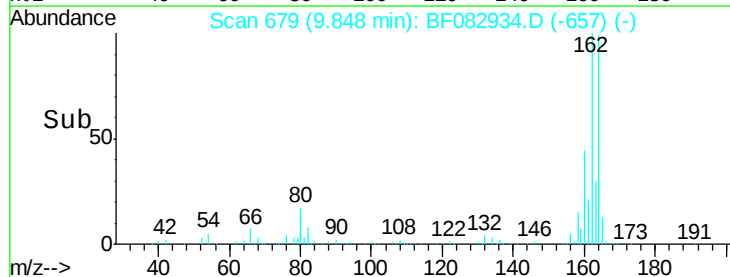
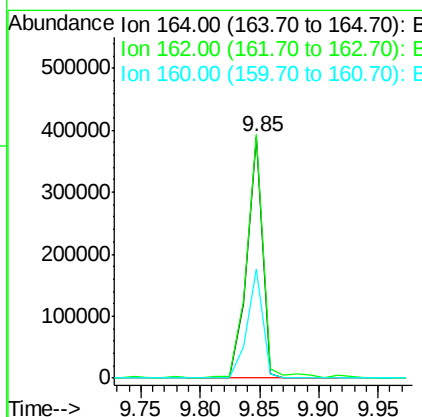
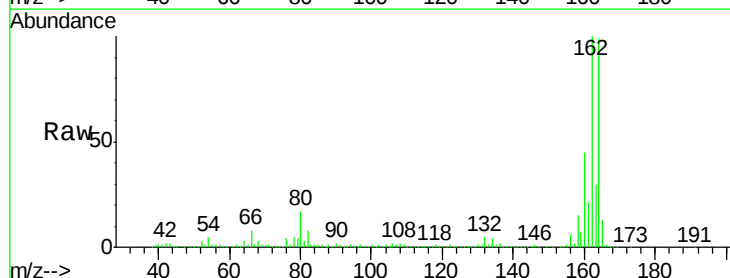
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

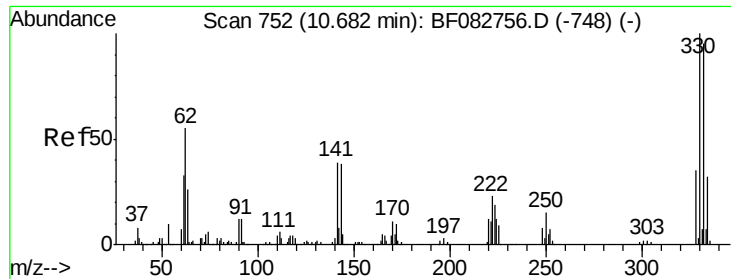
Tgt Ion: 82 Resp: 1206000
 Ion Ratio Lower Upper
 82 100
 128 36.8 26.8 40.2
 54 52.4 45.7 68.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.05 min
 Lab File: BF082934.D
 Acq: 14 Nov 2015 10:06

Tgt Ion: 164 Resp: 356894
 Ion Ratio Lower Upper
 164 100
 162 101.0 84.9 127.3
 160 45.4 37.5 56.3

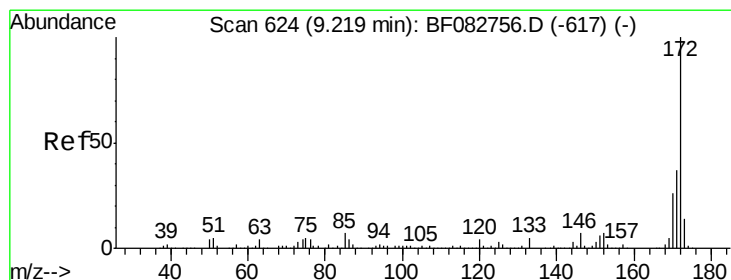
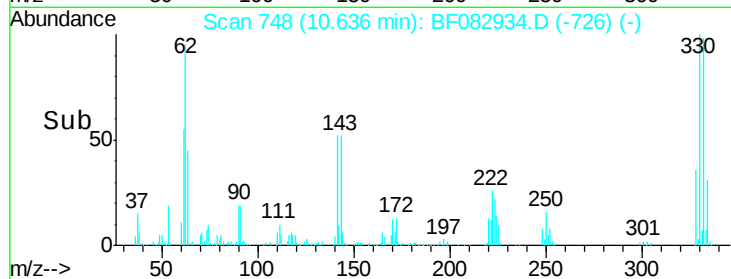
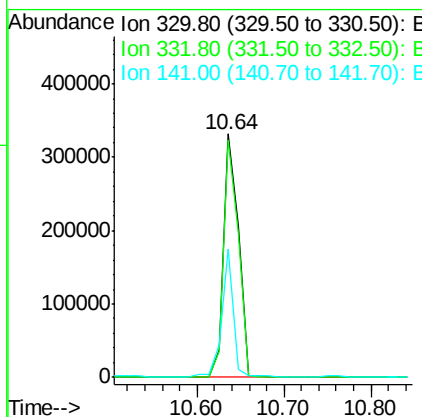
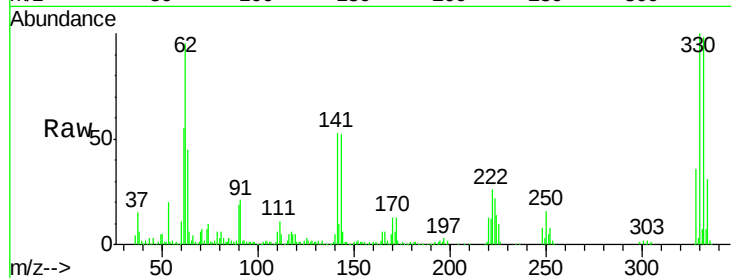




#41
 2,4,6-Tribromophenol
 Concen: 97.65 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.04 min
 Lab File: BF082934.D
 Acq: 14 Nov 2015 10:06

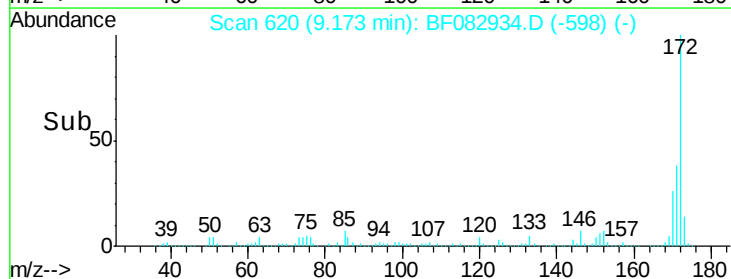
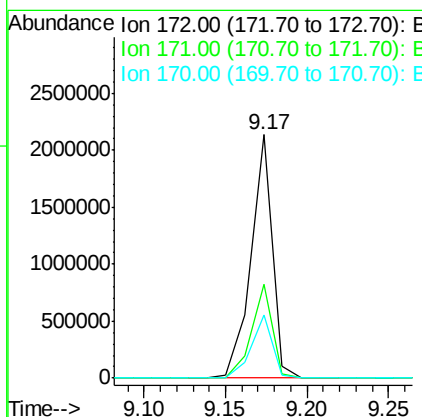
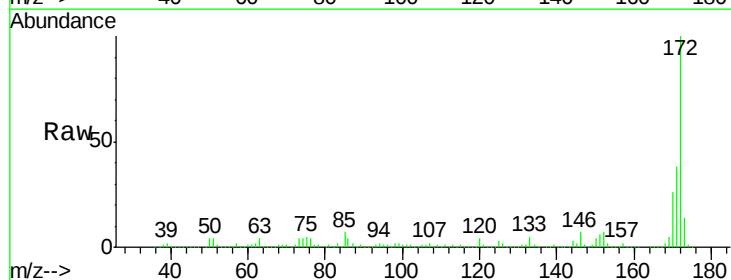
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

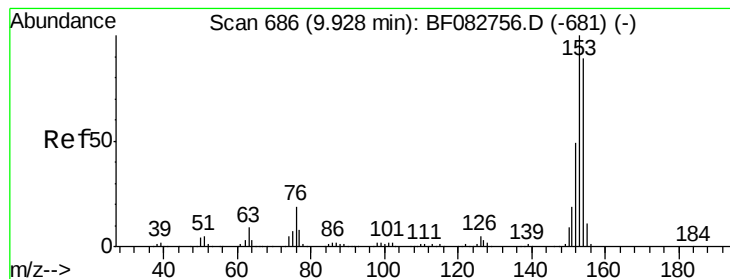
Tgt Ion:330 Resp: 399605
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 40.2 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 78.07 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082934.D
 Acq: 14 Nov 2015 10:06

Tgt Ion:172 Resp: 1944128
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.8 46.2
 170 25.9 21.2 31.8





#51

Acenaphthene

Concen: 14.91 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF082934.D

Acq: 14 Nov 2015 10:06

Instrument :

BNA_F

ClientSampleId :

MW-1

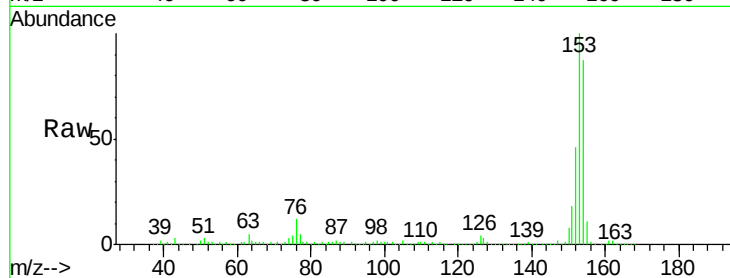
Tgt Ion:154 Resp: 353677

Ion Ratio Lower Upper

154 100

153 115.0 90.1 135.1

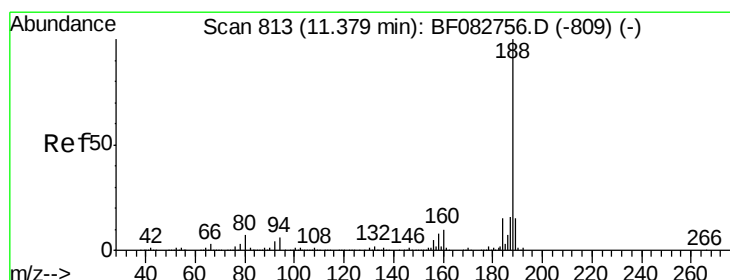
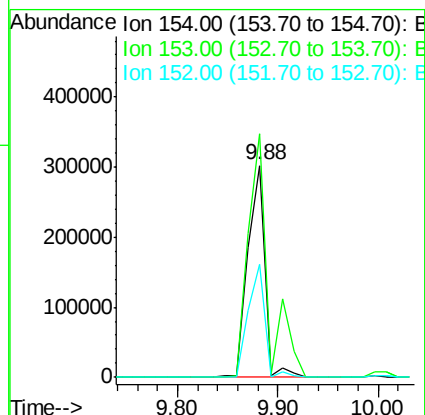
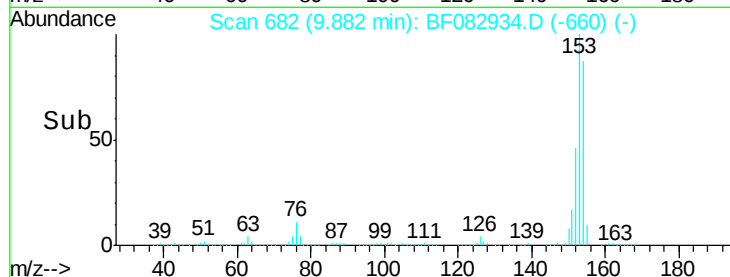
152 53.5 44.3 66.5



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.05 min

Lab File: BF082934.D

Acq: 14 Nov 2015 10:06

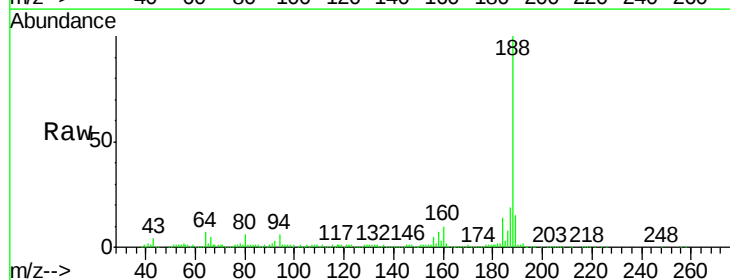
Tgt Ion:188 Resp: 553678

Ion Ratio Lower Upper

188 100

94 5.7 6.1 9.1#

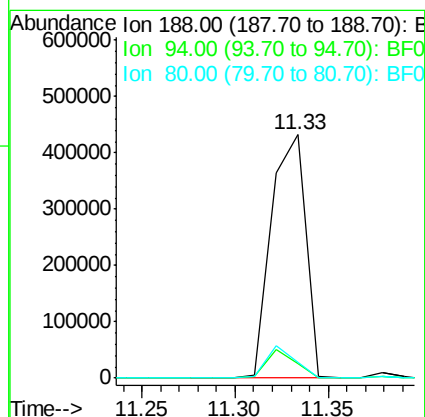
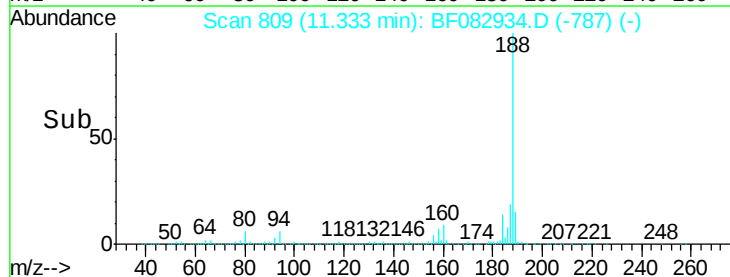
80 6.4 7.0 10.6#

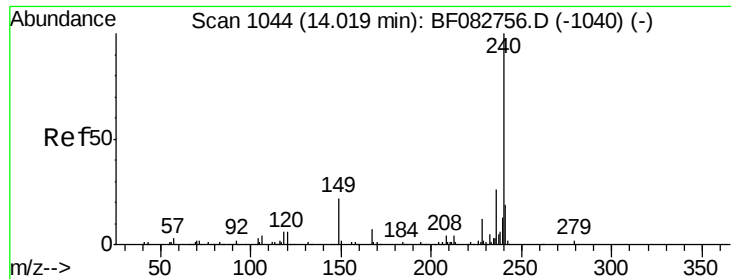


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.96 min Scan# 1039

Delta R.T. -0.06 min

Lab File: BF082934.D

Acq: 14 Nov 2015 10:06

Instrument :

BNA_F

ClientSampleId :

MW-1

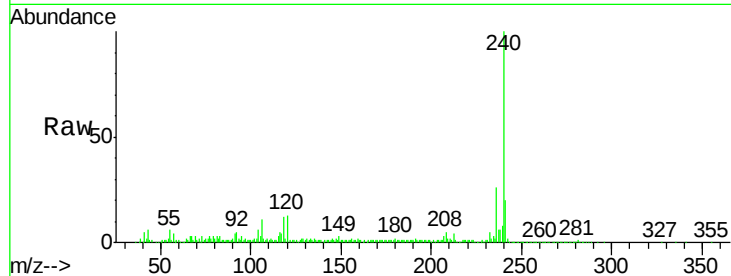
Tgt Ion:240 Resp: 385937

Ion Ratio Lower Upper

240 100

120 12.7 10.9 16.3

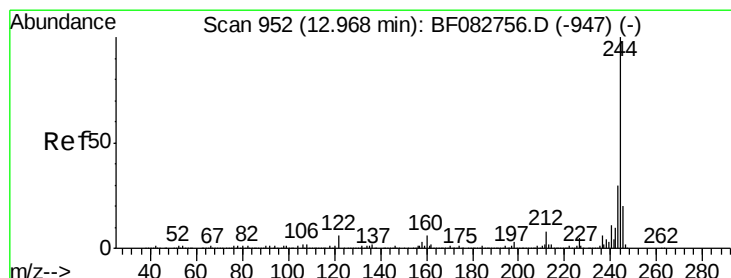
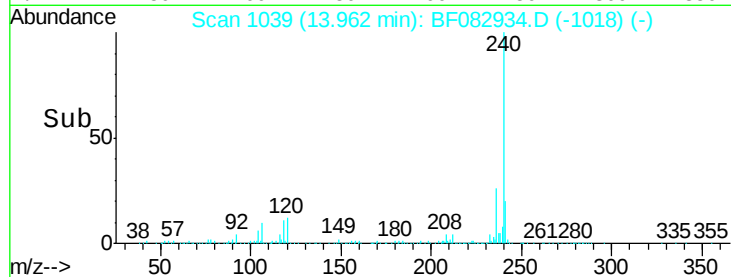
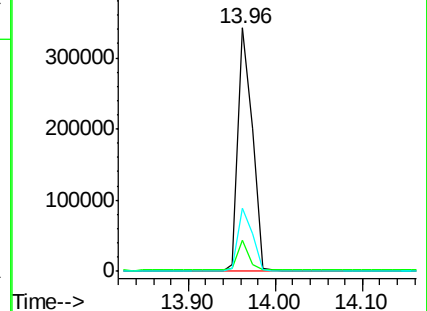
236 26.1 21.6 32.4



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: 85.45 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.04 min

Lab File: BF082934.D

Acq: 14 Nov 2015 10:06

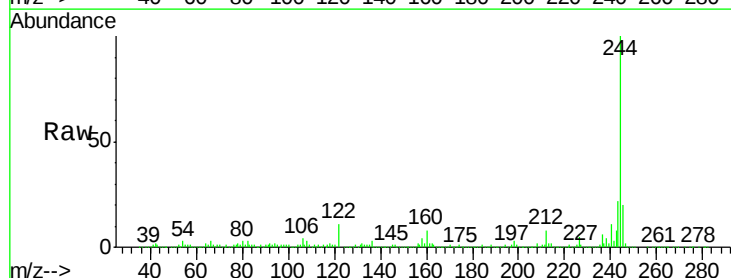
Tgt Ion:244 Resp: 1390448

Ion Ratio Lower Upper

244 100

212 8.0 7.6 11.4

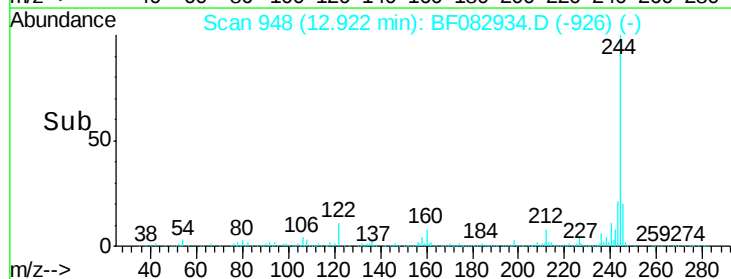
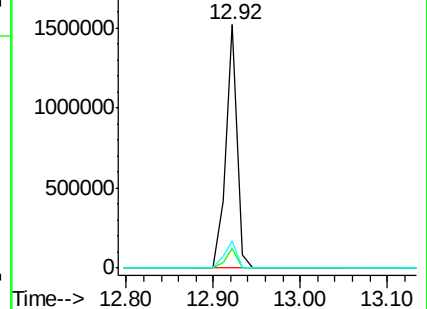
122 11.0 11.3 16.9#

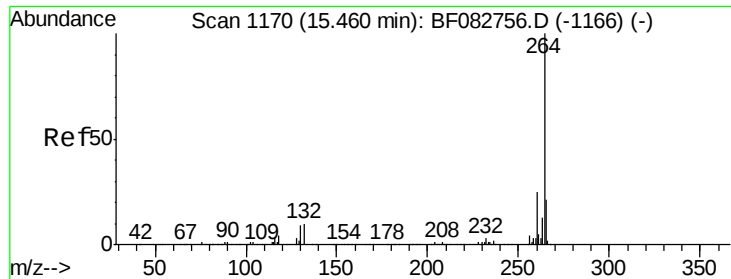


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



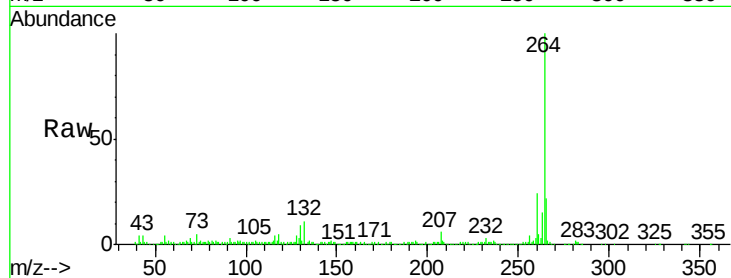


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.07 min
Lab File: BF082934.D
Acq: 14 Nov 2015 10:06

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 264 Resp: 403213

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.8	29.6
265	22.0	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

