

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111615\
 Data File : BF082960.D
 Acq On : 17 Nov 2015 1:48
 Operator : UM/IZ
 Sample : PB86680BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86680BL

Quant Time: Nov 17 07:57:24 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 04:41:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	204494	20.00	ng	-0.07
21) Naphthalene-d8	8.06	136	767242	20.00	ng	-0.08
38) Acenaphthene-d10	9.82	164	434811	20.00	ng	-0.07
63) Phenanthrene-d10	11.30	188	803933	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	751684	20.00	ng	-0.08
86) Perylene-d12	15.35	264	606599	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	896724	68.23	ng	-0.05
7) Phenol-d6	6.43	99	1119434	64.07	ng	-0.06
23) Nitrobenzene-d5	7.34	82	1043611	59.19	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	317447	63.67	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	1876659	61.86	ng	-0.07
78) Terphenyl-d14	12.90	244	2146126	67.72	ng	-0.07

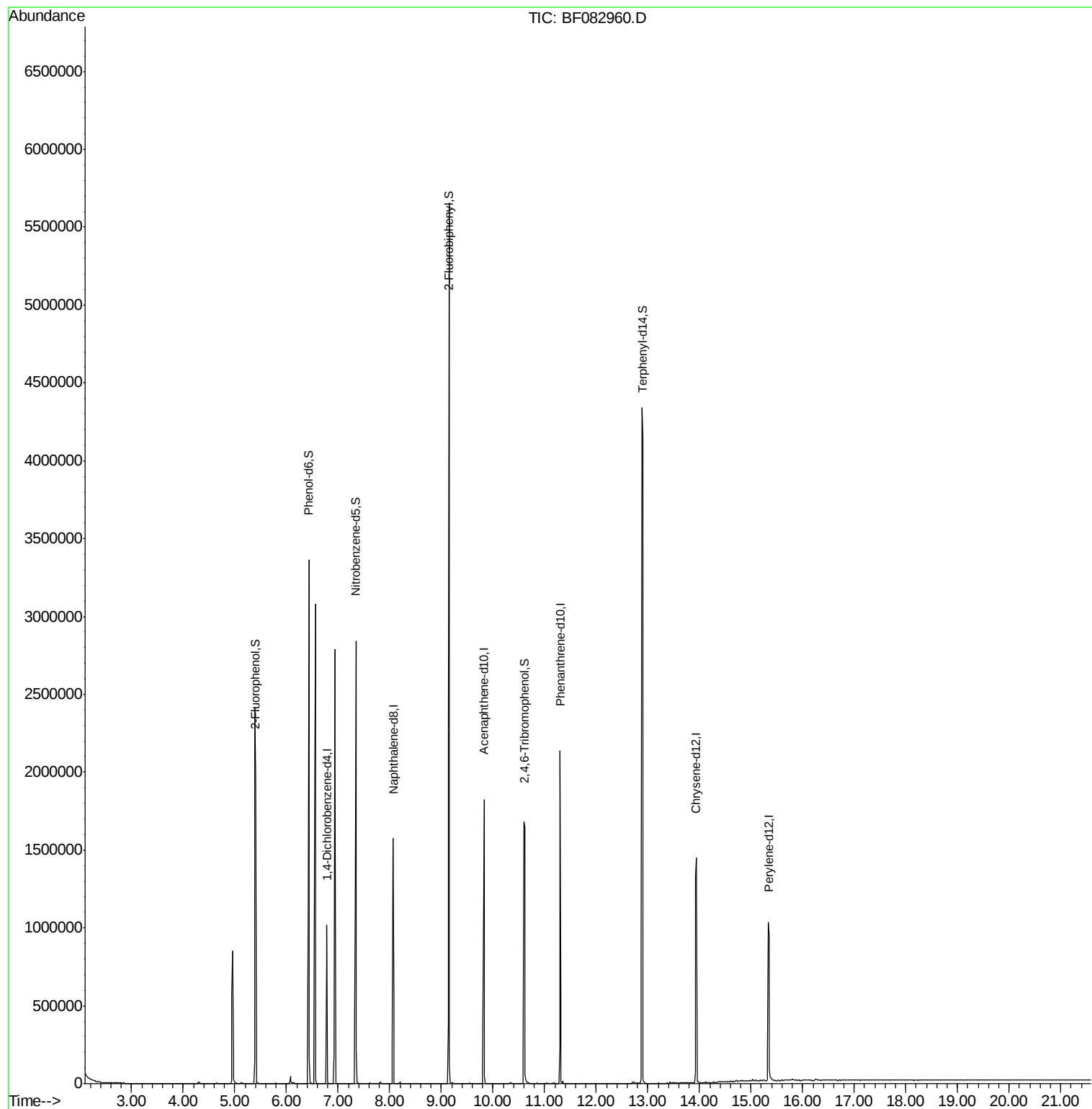
Target Compounds Qvalue

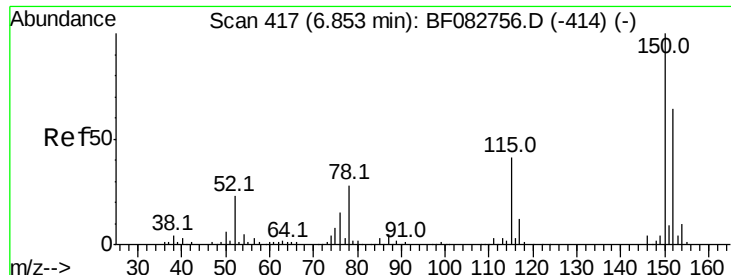
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082960.D

Acq: 17 Nov 2015 1:48

Instrument :

BNA_F

ClientSampleId :

PB86680BL

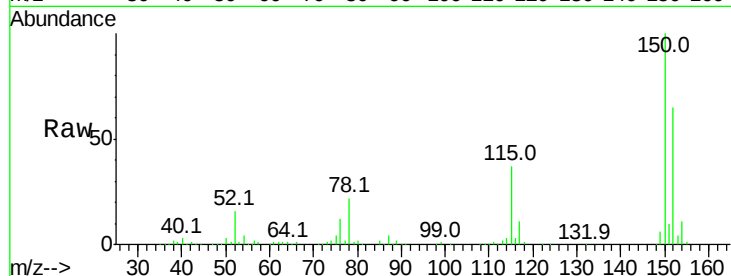
Tot Ion:152 Resp: 204494

Ion Ratio Lower Upper

152 100

150 154.0 127.0 190.4

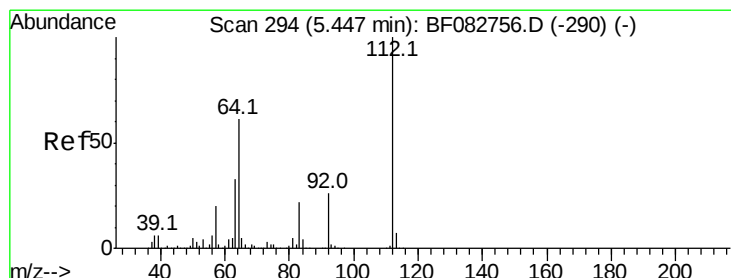
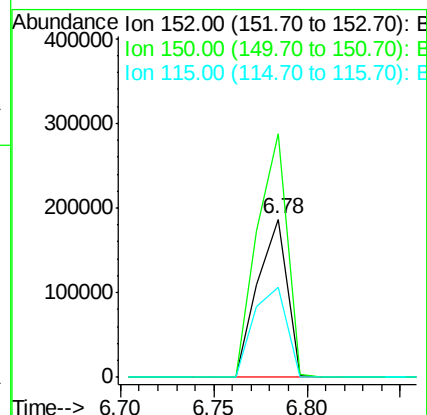
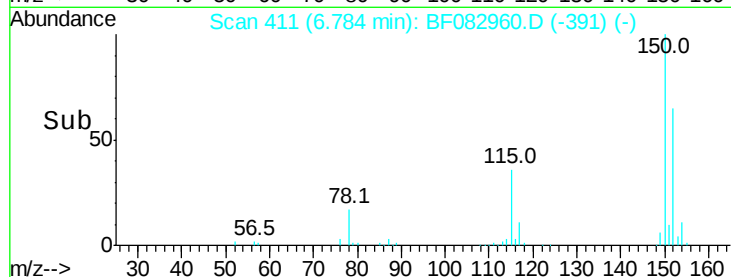
115 56.6 47.0 70.6



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: 68.23 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.05 min

Lab File: BF082960.D

Acq: 17 Nov 2015 1:48

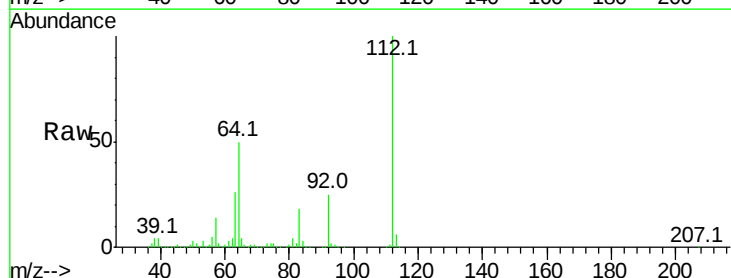
Tgt Ion:112 Resp: 896724

Ion Ratio Lower Upper

112 100

64 50.0 48.9 73.3

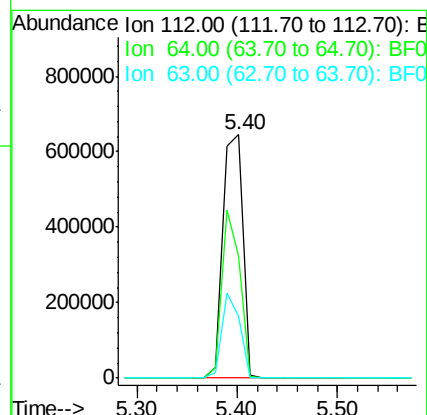
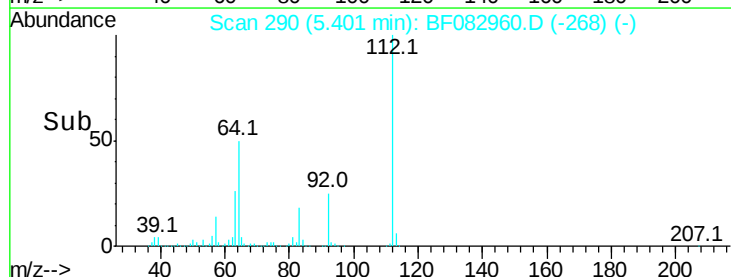
63 25.5 28.1 42.1#

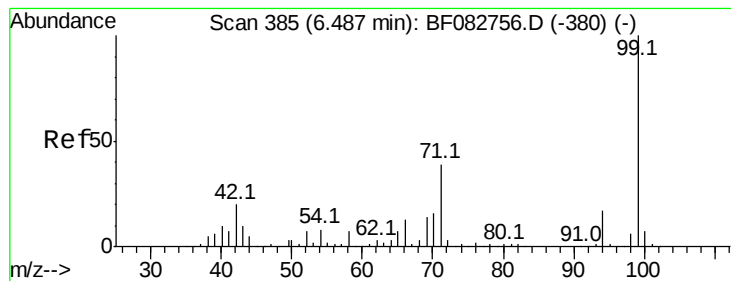


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 64.07 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.06 min

Lab File: BF082960.D

Acq: 17 Nov 2015 1:48

Instrument :

BNA_F

ClientSampleId :

PB86680BL

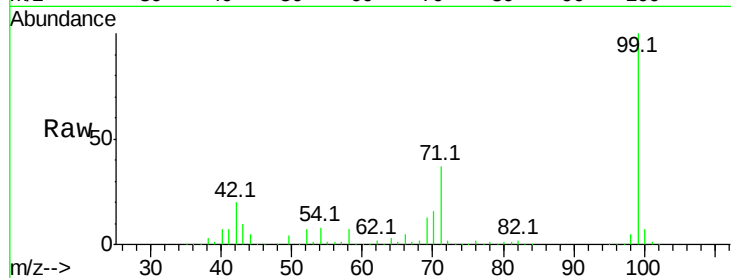
Tot Ion: 99 Resp: 1119434

Ion Ratio Lower Upper

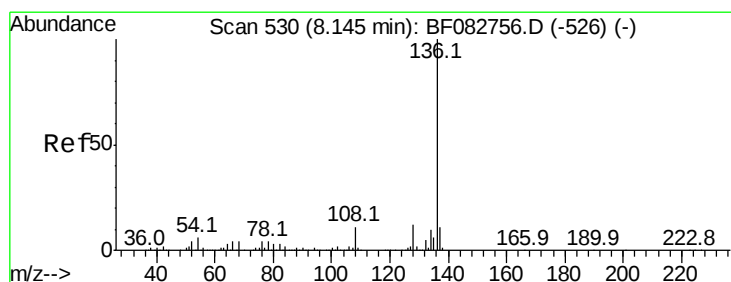
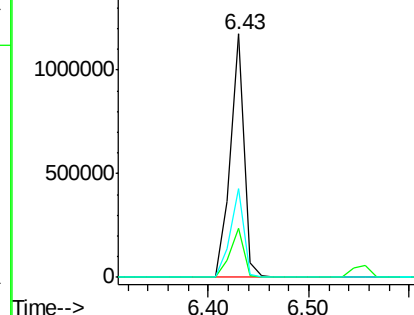
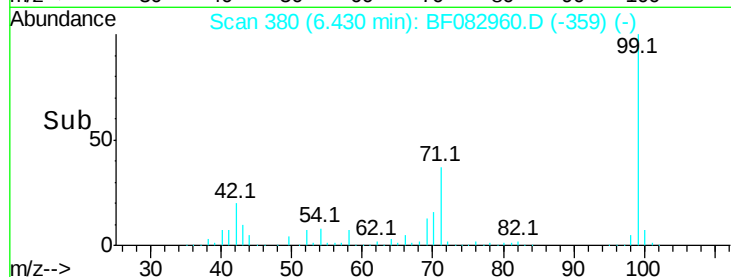
99 100

42 20.0 19.2 28.8

71 36.7 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: BF082960.D

Acq: 17 Nov 2015 1:48

Tgt Ion: 136 Resp: 767242

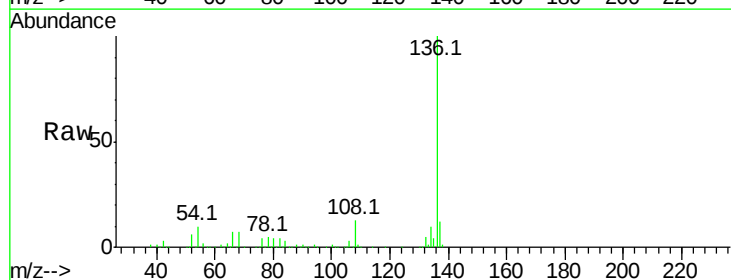
Ion Ratio Lower Upper

136 100

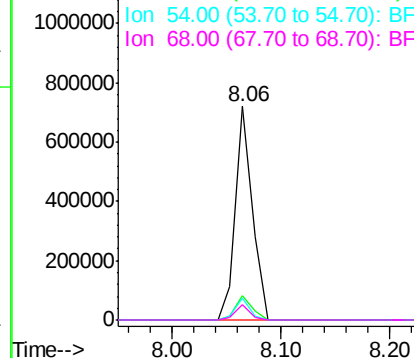
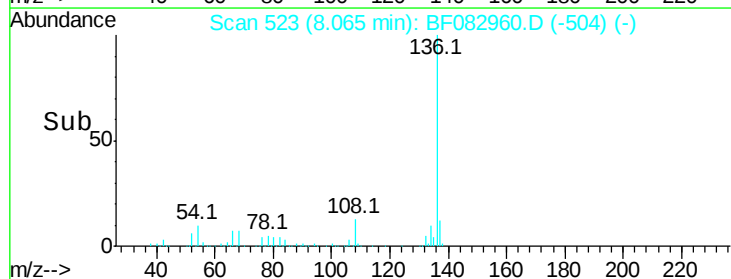
137 11.6 9.1 13.7

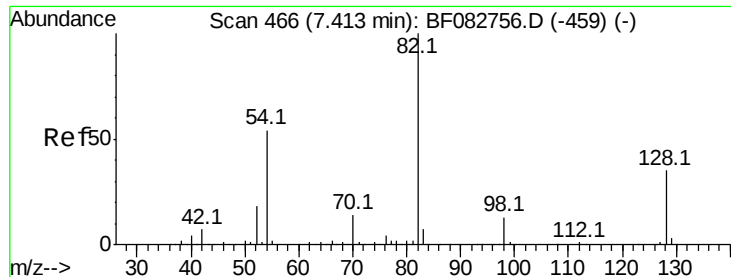
54 10.4 9.1 13.7

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



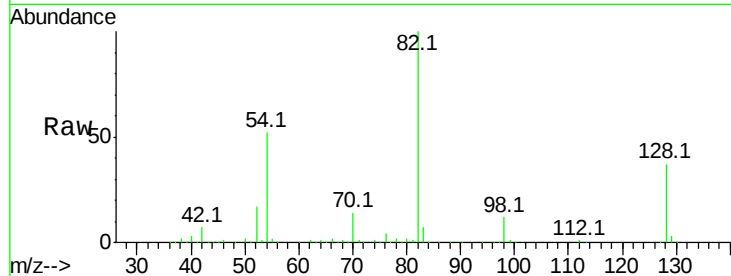


#23
 Nitrobenzene-d5
 Concen: 59.19 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.07 min
 Lab File: BF082960.D
 Acq: 17 Nov 2015 1:48

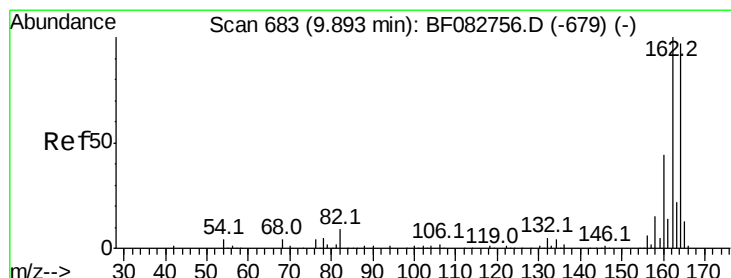
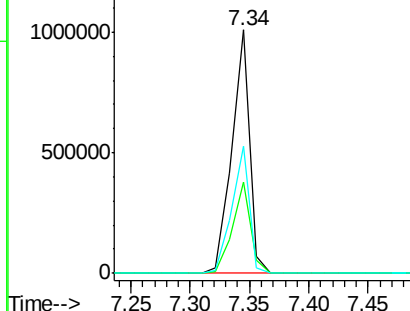
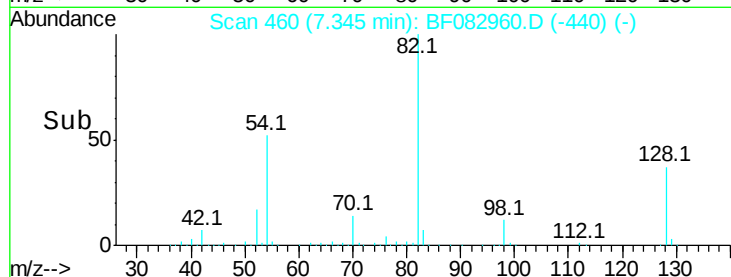
Instrument :
 BNA_F
 ClientSampleId :
 PB86680BL

Tot Ion: 82 Resp: 1043611

Ion	Ratio	Lower	Upper
82	100		
128	37.3	26.8	40.2
54	52.2	45.7	68.5



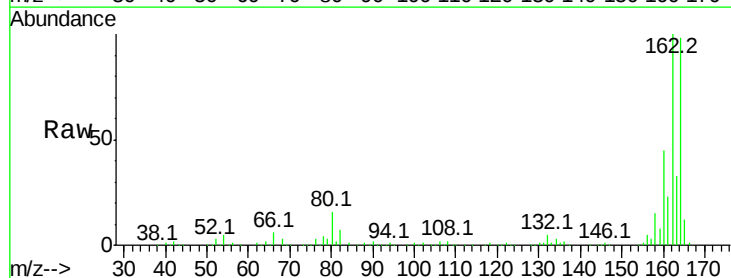
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



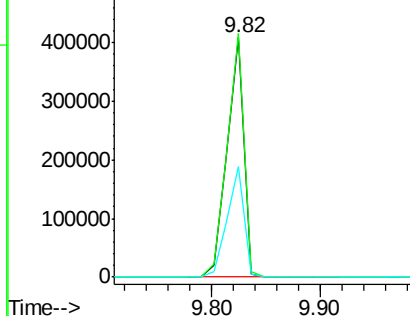
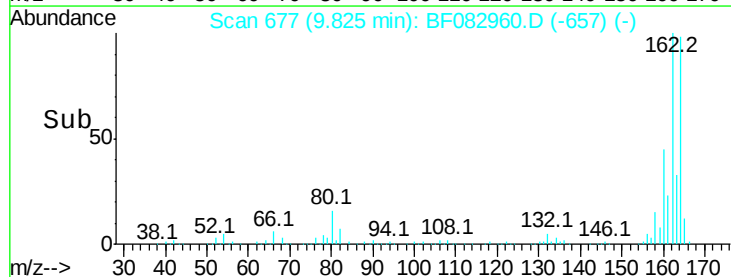
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.07 min
 Lab File: BF082960.D
 Acq: 17 Nov 2015 1:48

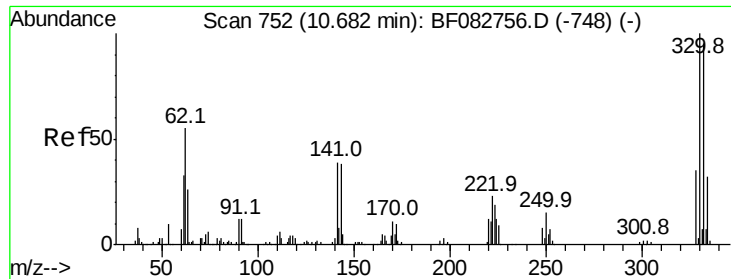
Tgt Ion: 164 Resp: 434811

Ion	Ratio	Lower	Upper
164	100		
162	101.6	84.9	127.3
160	46.0	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

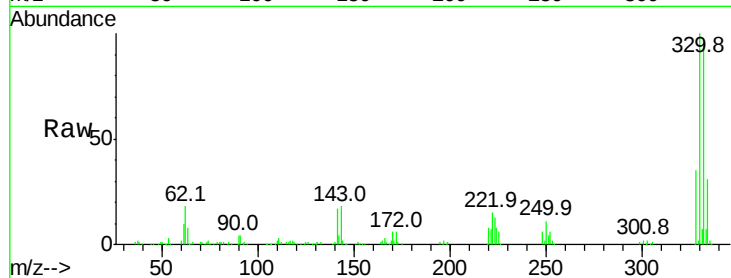




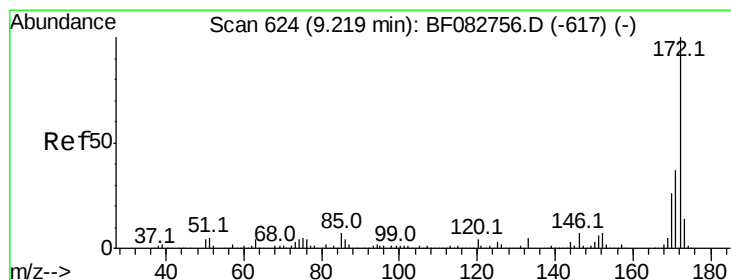
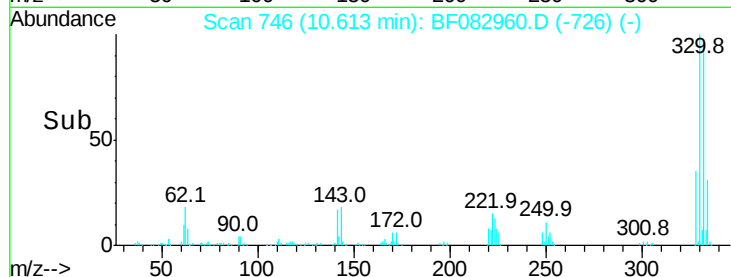
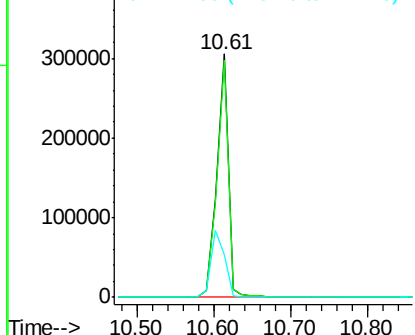
#41
 2,4,6-Tribromophenol
 Concen: 63.67 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.07 min
 Lab File: BF082960.D
 Acq: 17 Nov 2015 1:48

Instrument :
 BNA_F
 ClientSampleId :
 PB86680BL

Tot Ion:330 Resp: 317447
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 33.4 41.2 61.8#

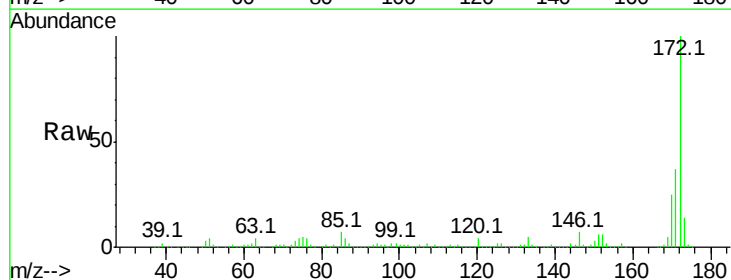


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

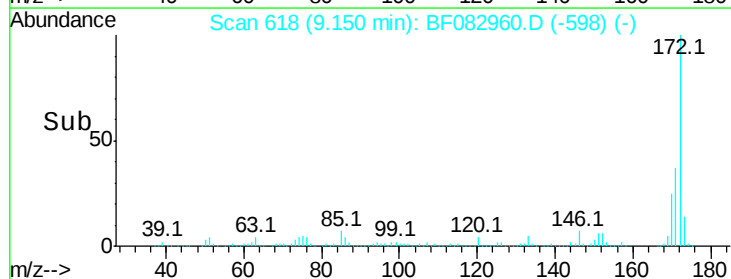
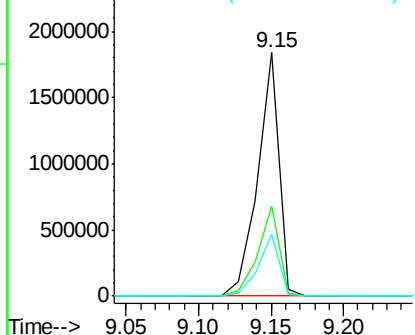


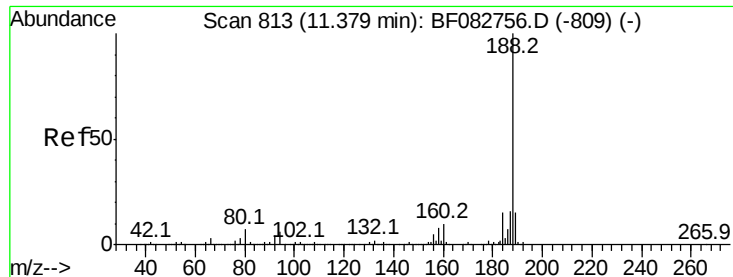
#44
 2-Fluorobiphenyl
 Concen: 61.86 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF082960.D
 Acq: 17 Nov 2015 1:48

Tgt Ion:172 Resp: 1876659
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.8 46.2
 170 25.3 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: BF082960.D

Acq: 17 Nov 2015 1:48

Instrument :

BNA_F

ClientSampleId :

PB86680BL

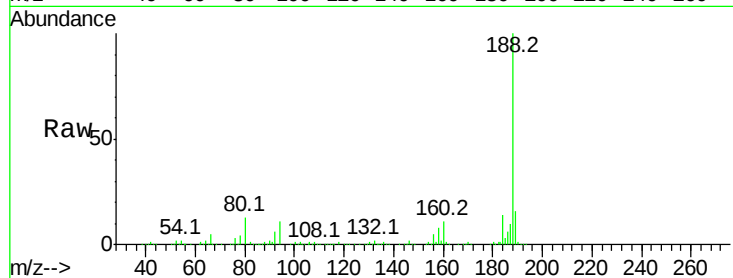
Tot Ion:188 Resp: 803933

Ion Ratio Lower Upper

188 100

94 11.1 6.1 9.1#

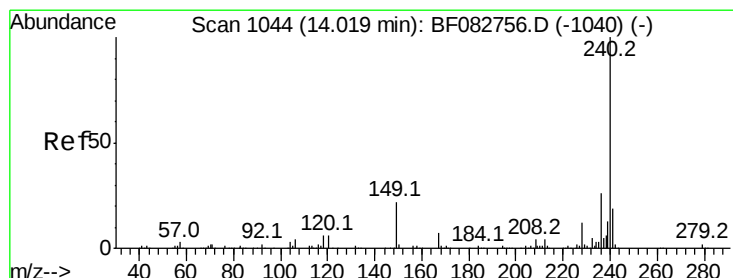
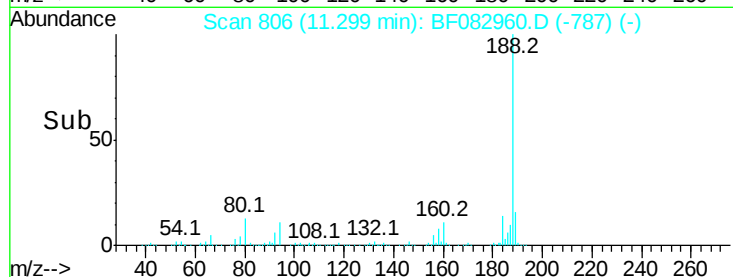
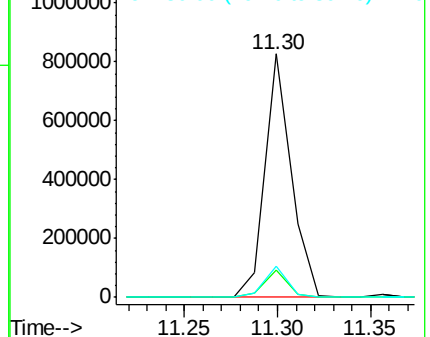
80 12.7 7.0 10.6#



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: 13.94 min Scan# 1037

Delta R.T. -0.08 min

Lab File: BF082960.D

Acq: 17 Nov 2015 1:48

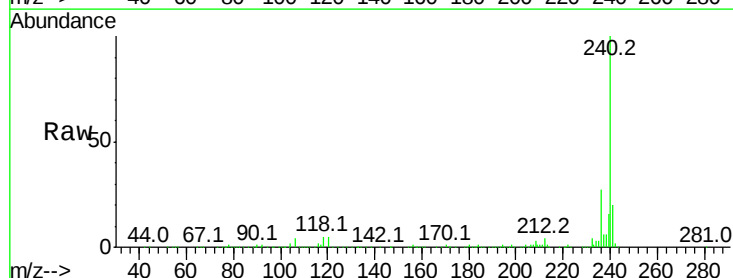
Tgt Ion:240 Resp: 751684

Ion Ratio Lower Upper

240 100

120 5.0 10.9 16.3#

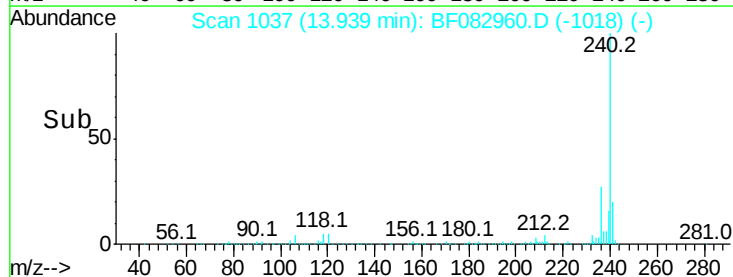
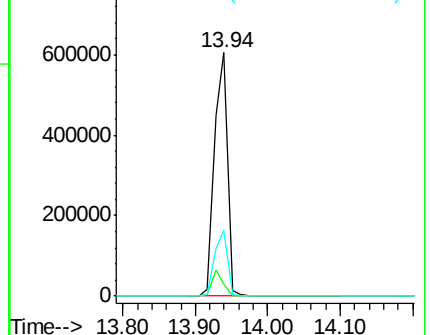
236 26.7 21.6 32.4

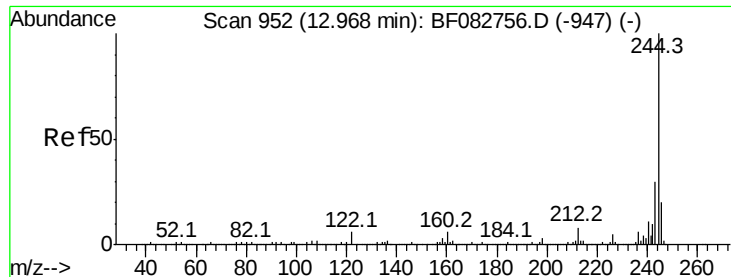


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 67.72 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.07 min

Lab File: BF082960.D

Acq: 17 Nov 2015 1:48

Instrument :

BNA_F

ClientSampleId :

PB86680BL

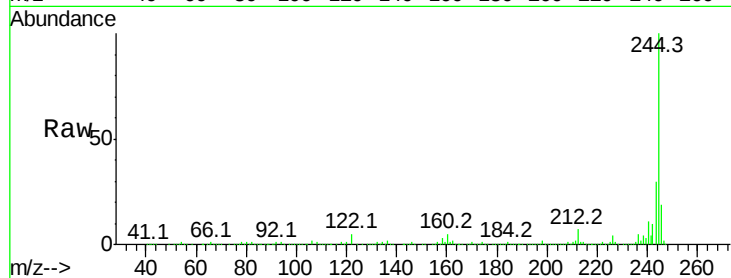
Tot Ion:244 Resp: 2146126

Ion Ratio Lower Upper

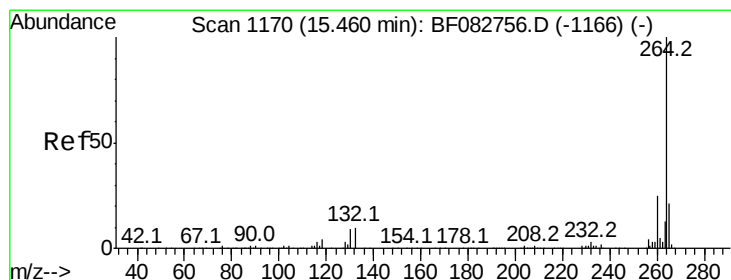
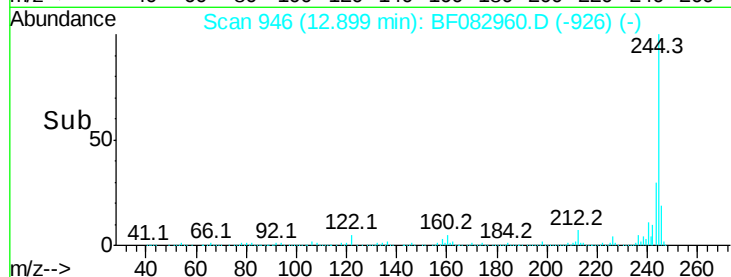
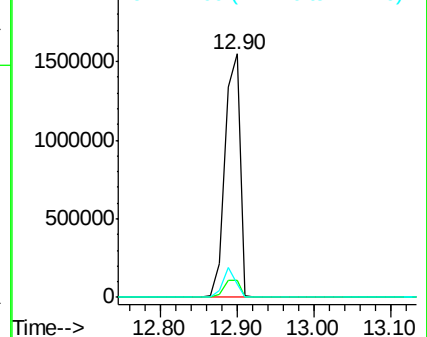
244 100

212 7.2 7.6 11.4#

122 5.2 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: BF082960.D

Acq: 17 Nov 2015 1:48

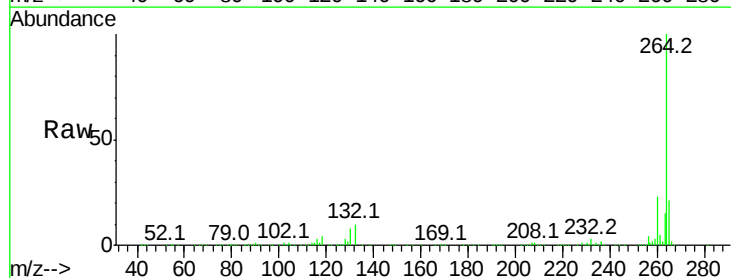
Tgt Ion:264 Resp: 606599

Ion Ratio Lower Upper

264 100

260 23.1 19.8 29.6

265 21.2 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

