

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082858.D
 Acq On : 10 Nov 2015 7:10
 Operator : UM/IZ
 Sample : G4275-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-8C

Quant Time: Nov 10 08:56:16 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

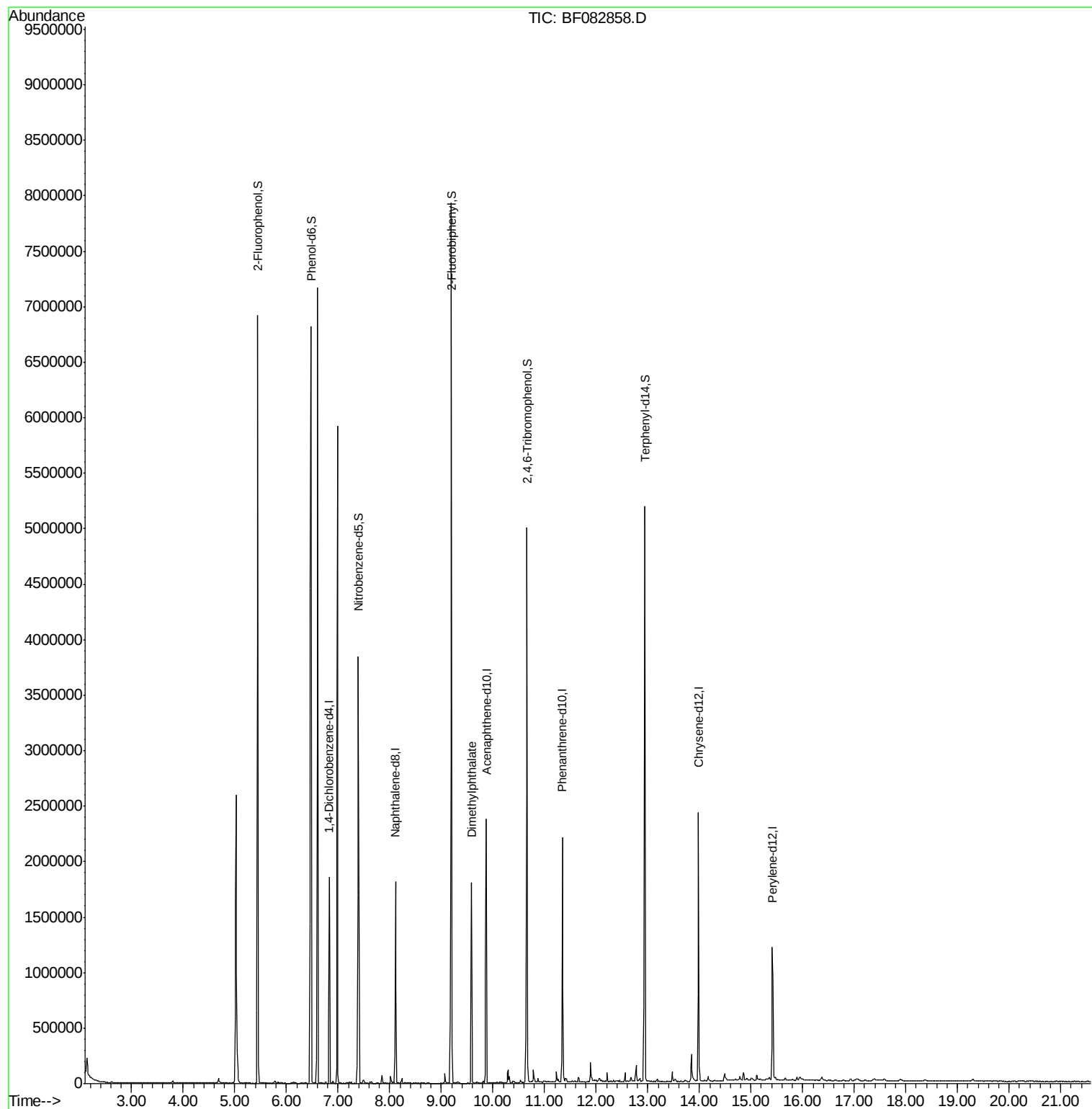
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	276088	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	965732	20.00	ng	-0.03
38) Acenaphthene-d10	9.87	164	521204	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	879438	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	826608	20.00	ng	-0.03
86) Perylene-d12	15.41	264	658779	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	2099353	118.31	ng	0.00
7) Phenol-d6	6.48	99	2983369	126.47	ng	0.00
23) Nitrobenzene-d5	7.39	82	1804824	81.32	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	635554	106.35	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	2473573	68.02	ng	-0.02
78) Terphenyl-d14	12.94	244	2382000	68.35	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.58	163	711789	16.67	ng	100

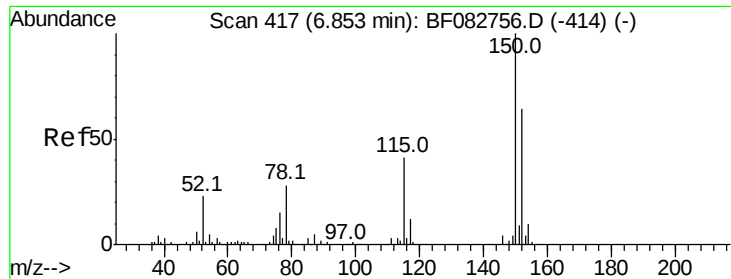
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF082858.D

Acq: 10 Nov 2015 7:10

Instrument :

BNA_F

ClientSampleId :

T-8C

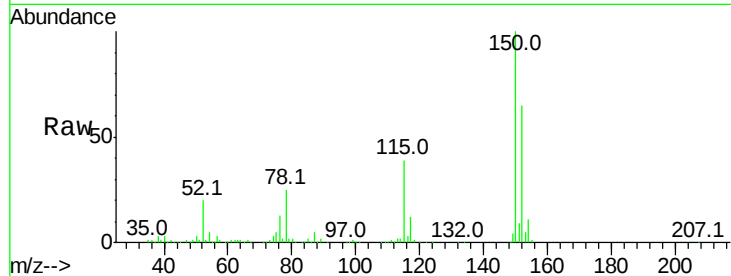
Tot Ion:152 Resp: 276088

Ion Ratio Lower Upper

152 100

150 154.6 127.0 190.4

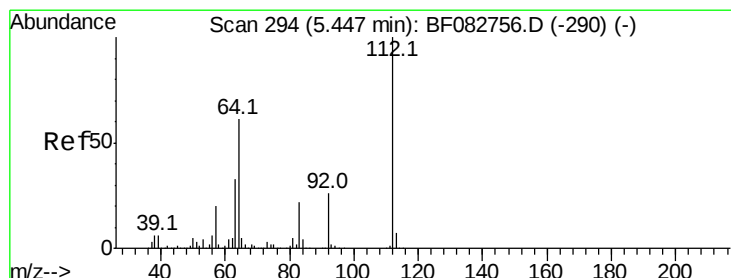
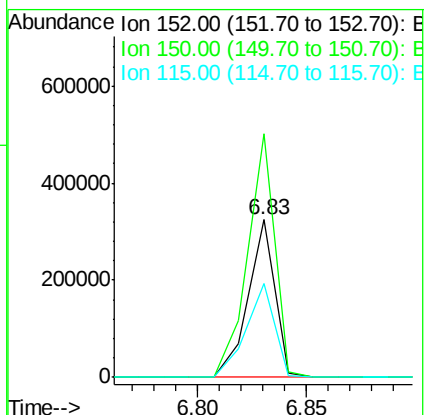
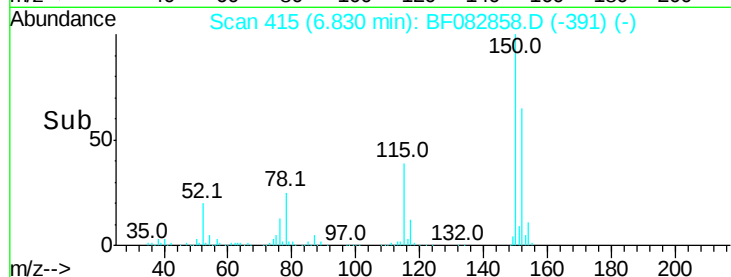
115 59.8 47.0 70.6



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: 118.31 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082858.D

Acq: 10 Nov 2015 7:10

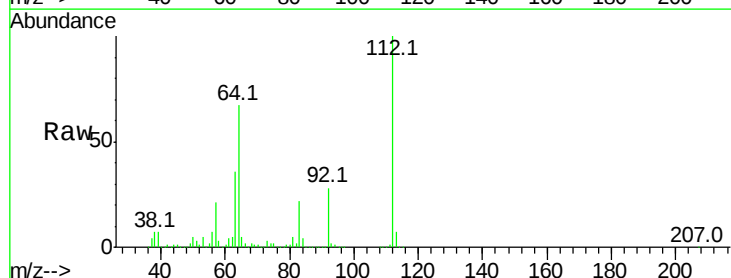
Tgt Ion:112 Resp: 2099353

Ion Ratio Lower Upper

112 100

64 67.2 48.9 73.3

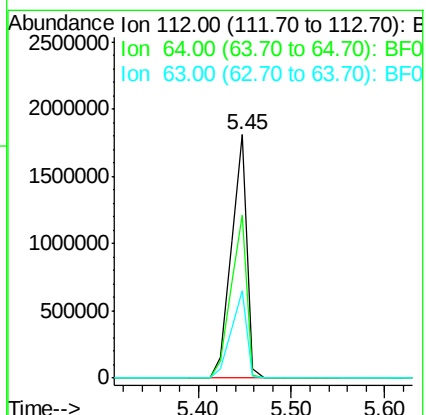
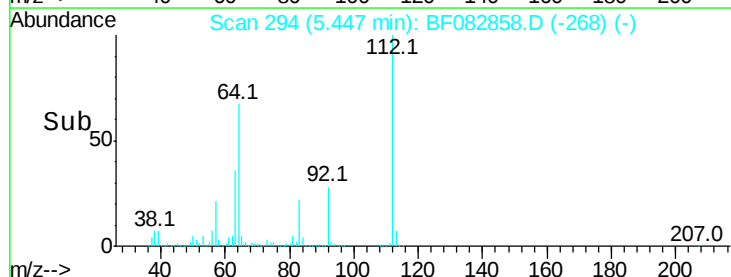
63 35.7 28.1 42.1

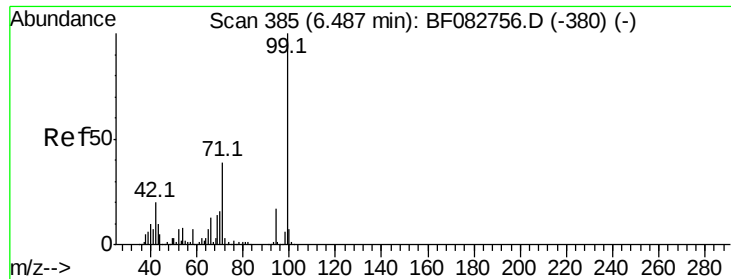


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 126.47 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082858.D

Acq: 10 Nov 2015 7:10

Instrument :

BNA_F

ClientSampleId :

T-8C

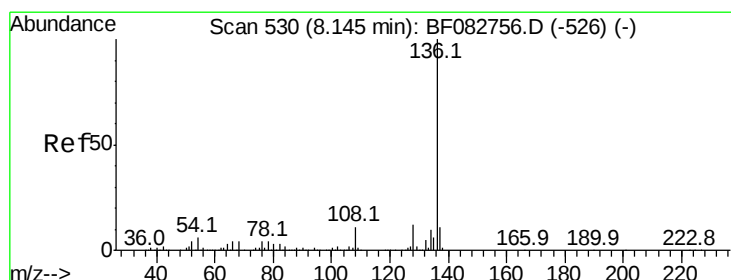
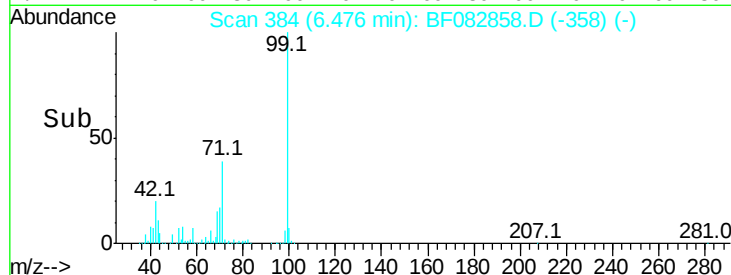
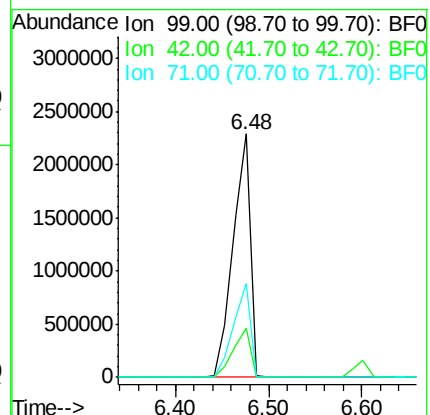
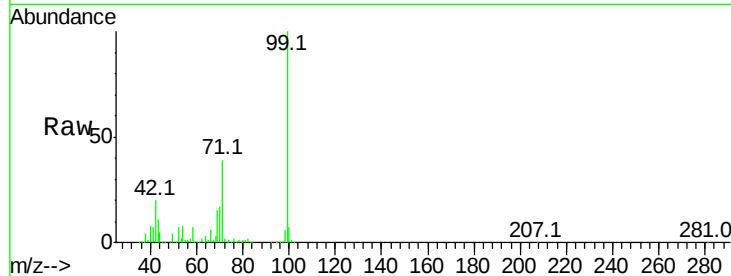
Tot Ion: 99 Resp: 2983369

Ion Ratio Lower Upper

99 100

42 20.1 19.2 28.8

71 38.6 35.0 52.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.03 min

Lab File: BF082858.D

Acq: 10 Nov 2015 7:10

Tgt Ion: 136 Resp: 965732

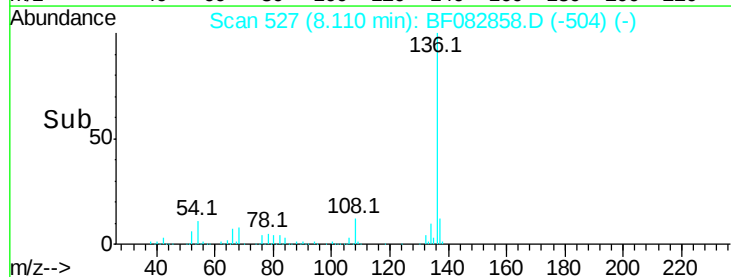
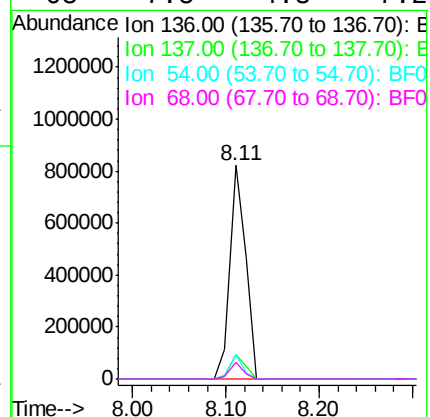
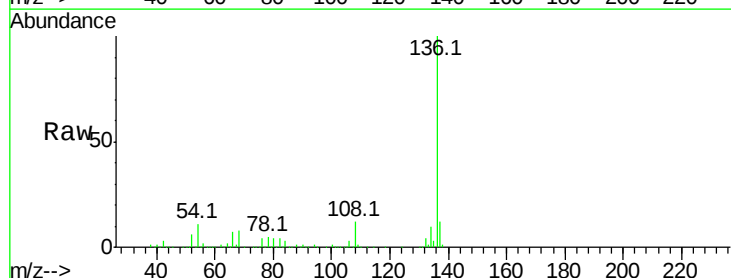
Ion Ratio Lower Upper

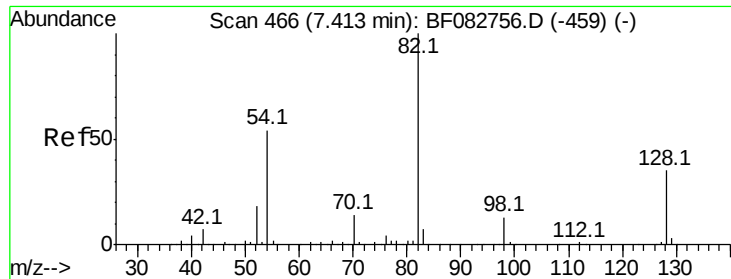
136 100

137 11.7 9.1 13.7

54 11.2 9.1 13.7

68 7.5 4.8 7.2#

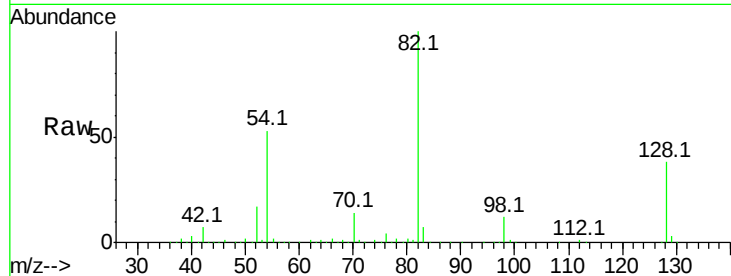




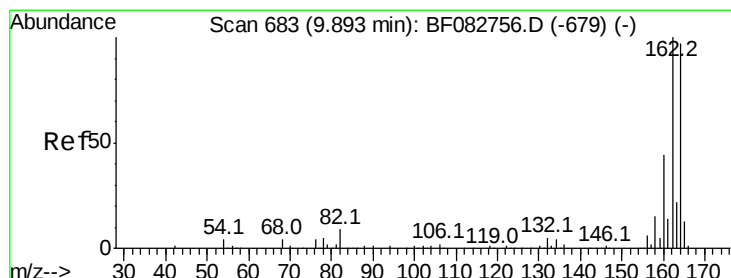
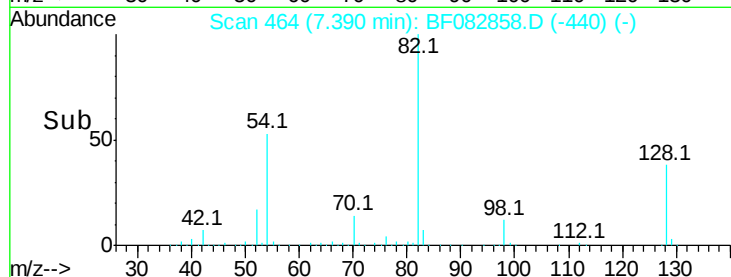
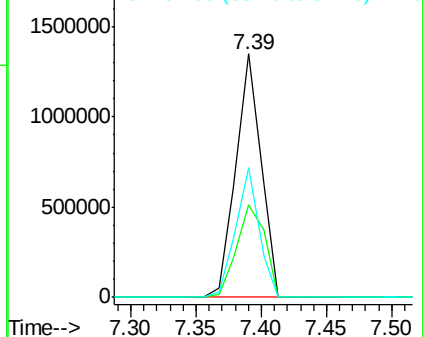
#23
Nitrobenzene-d5
Concen: 81.32 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.02 min
Lab File: BF082858.D
Acq: 10 Nov 2015 7:10

Instrument :
BNA_F
ClientSampled :
T-8C

Tot Ion: 82 Resp: 1804824
Ion Ratio Lower Upper
82 100
128 38.1 26.8 40.2
54 53.1 45.7 68.5

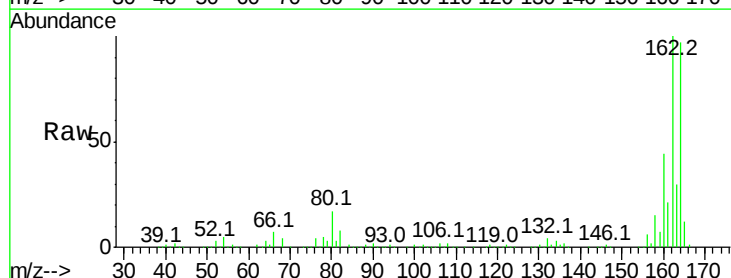


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

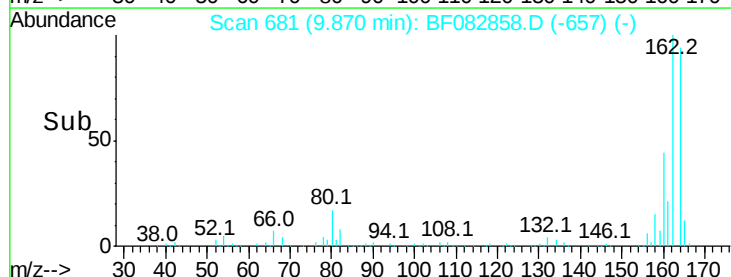
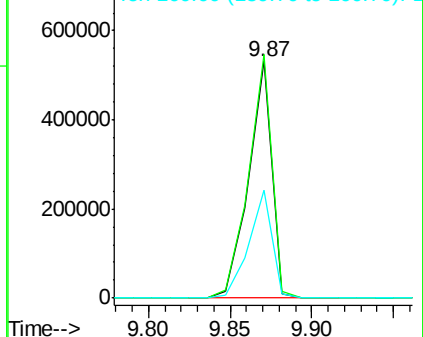


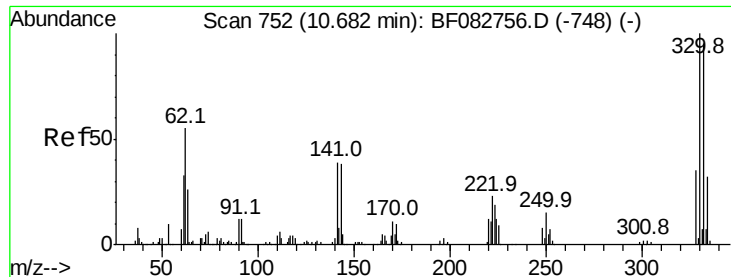
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF082858.D
Acq: 10 Nov 2015 7:10

Tgt Ion:164 Resp: 521204
Ion Ratio Lower Upper
164 100
162 102.8 84.9 127.3
160 45.6 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

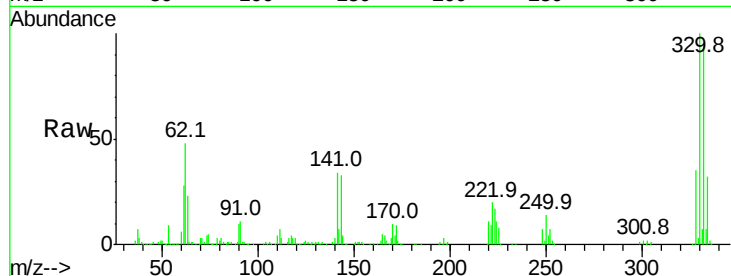




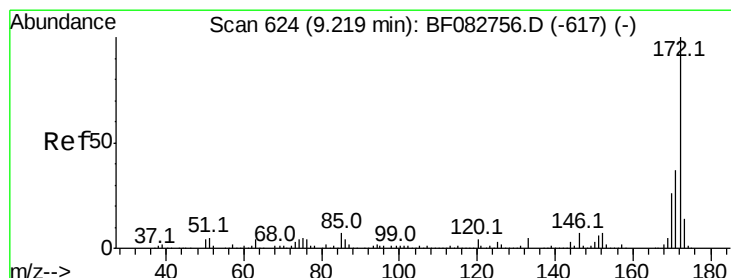
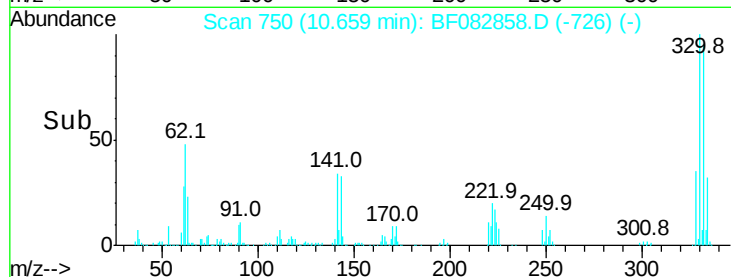
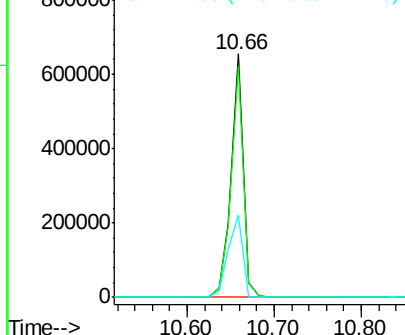
#41
 2,4,6-Tribromophenol
 Concen: 106.35 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF082858.D
 Acq: 10 Nov 2015 7:10

Instrument :
 BNA_F
 ClientSampled :
 T-8C

Tot Ion:330 Resp: 635554
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 114.8
 141 40.6 41.2 61.8#

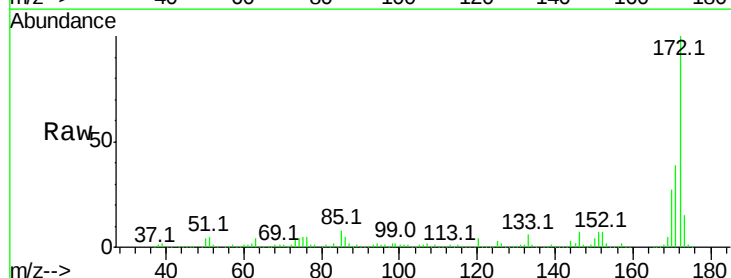


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

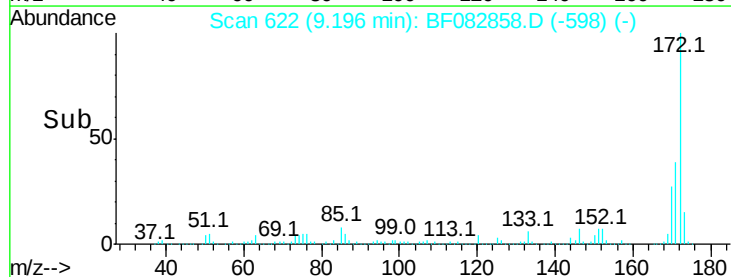
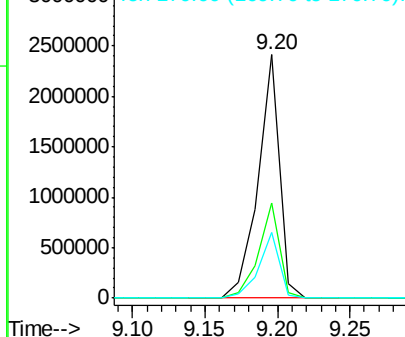


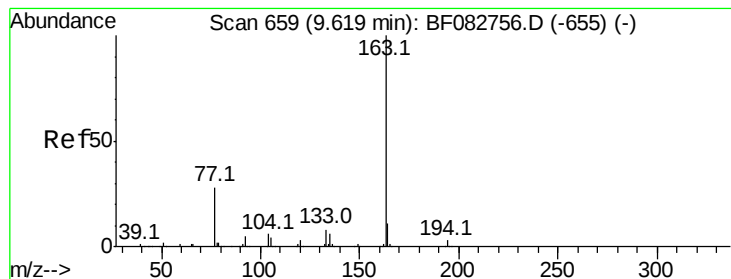
#44
 2-Fluorobiphenyl
 Concen: 68.02 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF082858.D
 Acq: 10 Nov 2015 7:10

Tgt Ion:172 Resp: 2473573
 Ion Ratio Lower Upper
 172 100
 171 39.2 30.8 46.2
 170 27.1 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





#49

Dimethylphthalate

Concen: 16.67 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.03 min

Lab File: BF082858.D

Acq: 10 Nov 2015 7:10

Instrument :

BNA_F

ClientSampled :

T-8C

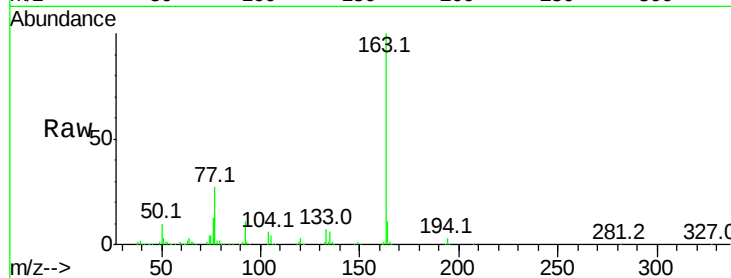
Tot Ion:163 Resp: 711789

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

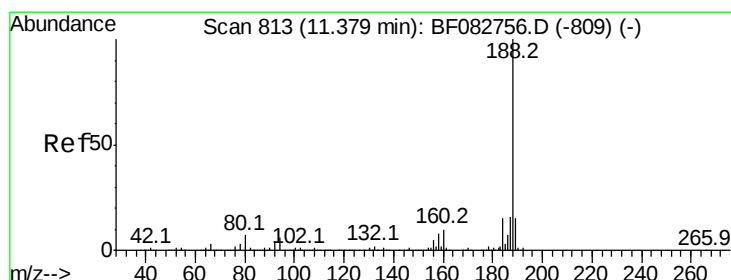
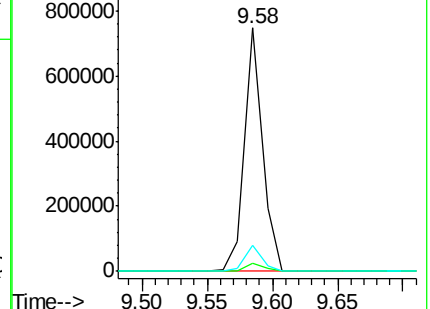
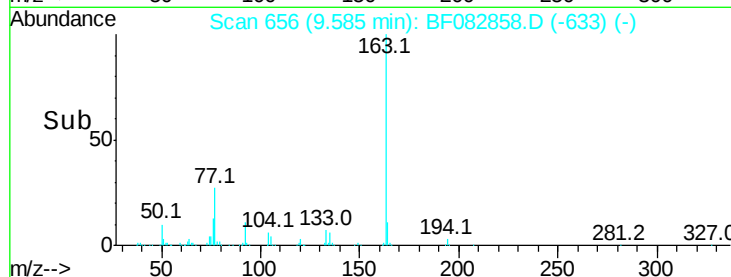
164 10.8 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 810

Delta R.T. -0.03 min

Lab File: BF082858.D

Acq: 10 Nov 2015 7:10

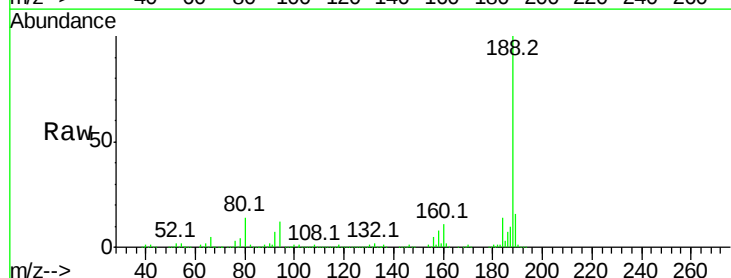
Tgt Ion:188 Resp: 879438

Ion Ratio Lower Upper

188 100

94 12.2 6.1 9.1#

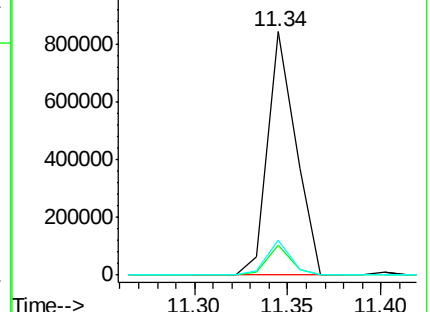
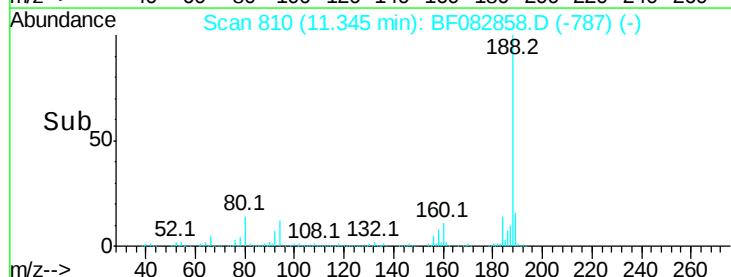
80 14.1 7.0 10.6#

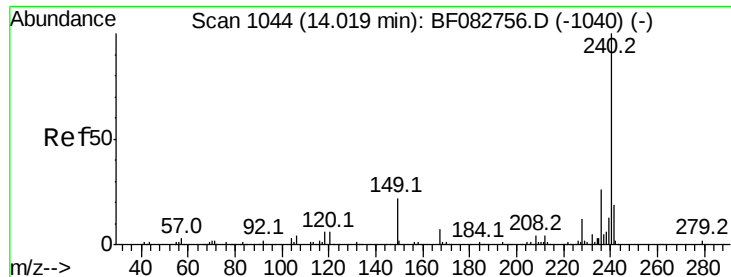


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF082858.D

Acq: 10 Nov 2015 7:10

Instrument :

BNA_F

ClientSampleId :

T-8C

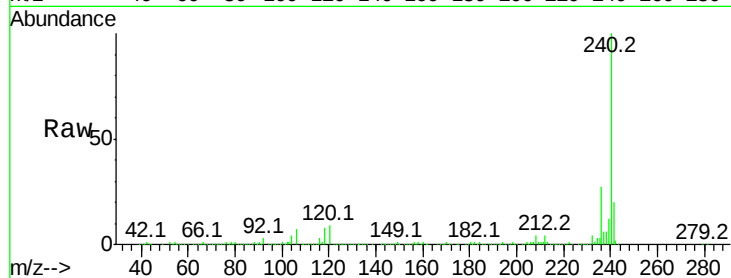
Tot Ion:240 Resp: 826608

Ion Ratio Lower Upper

240 100

120 9.2 10.9 16.3#

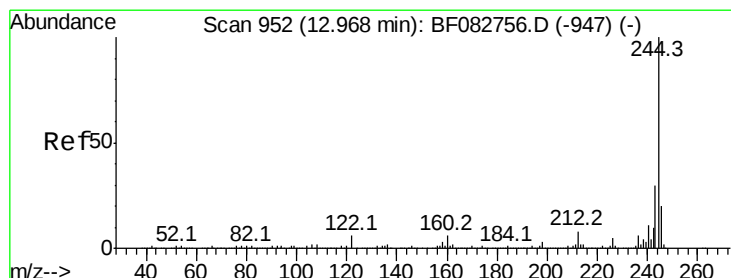
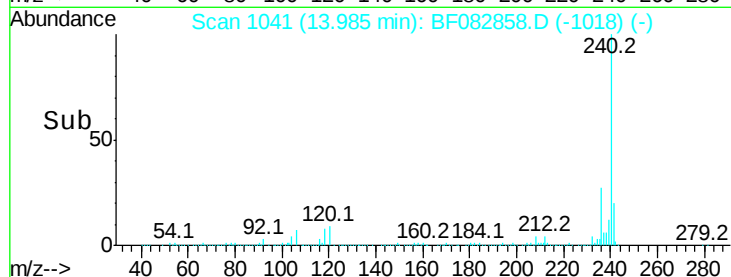
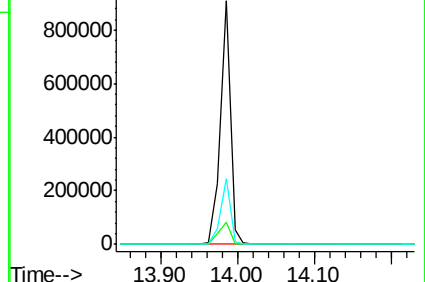
236 27.1 21.6 32.4



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: 68.35 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF082858.D

Acq: 10 Nov 2015 7:10

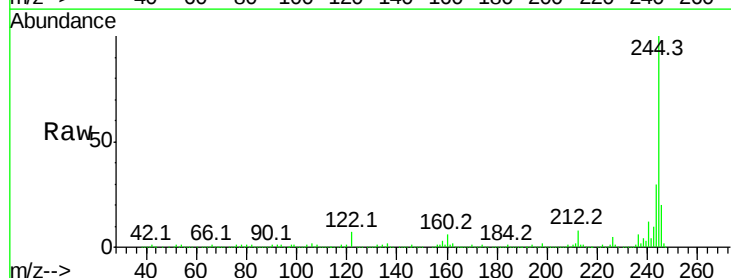
Tgt Ion:244 Resp: 2382000

Ion Ratio Lower Upper

244 100

212 7.6 7.6 11.4#

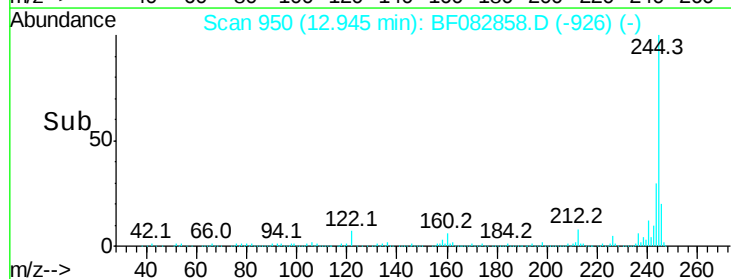
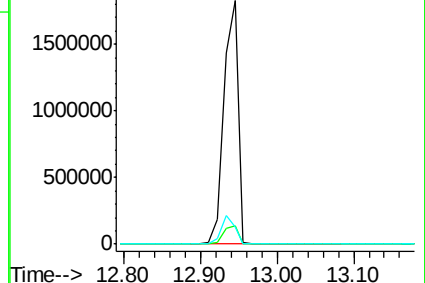
122 7.0 11.3 16.9#

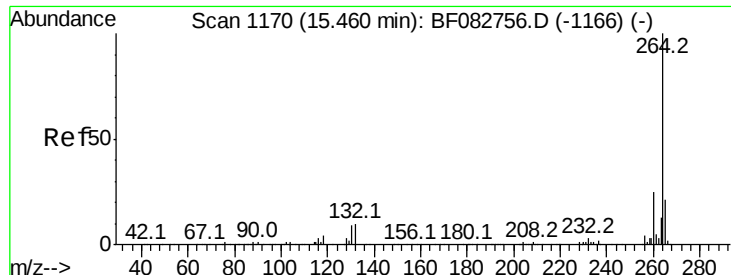


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

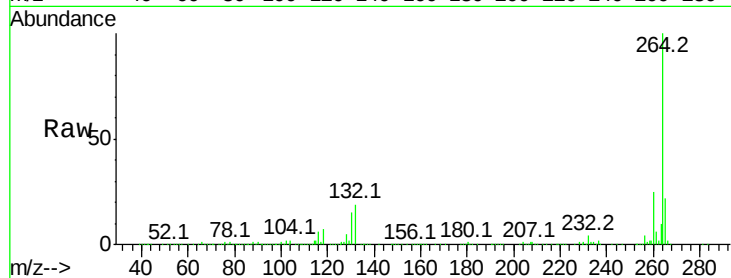




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.05 min
 Lab File: BF082858.D
 Acq: 10 Nov 2015 7:10

Instrument :
 BNA_F
 ClientSampleId :
 T-8C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.8	29.6
265	21.9	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

