

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111615\
 Data File : BF082967.D
 Acq On : 17 Nov 2015 10:52
 Operator : UM/IZ
 Sample : G4370-04RE
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02RE

Quant Time: Nov 17 12:08:00 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

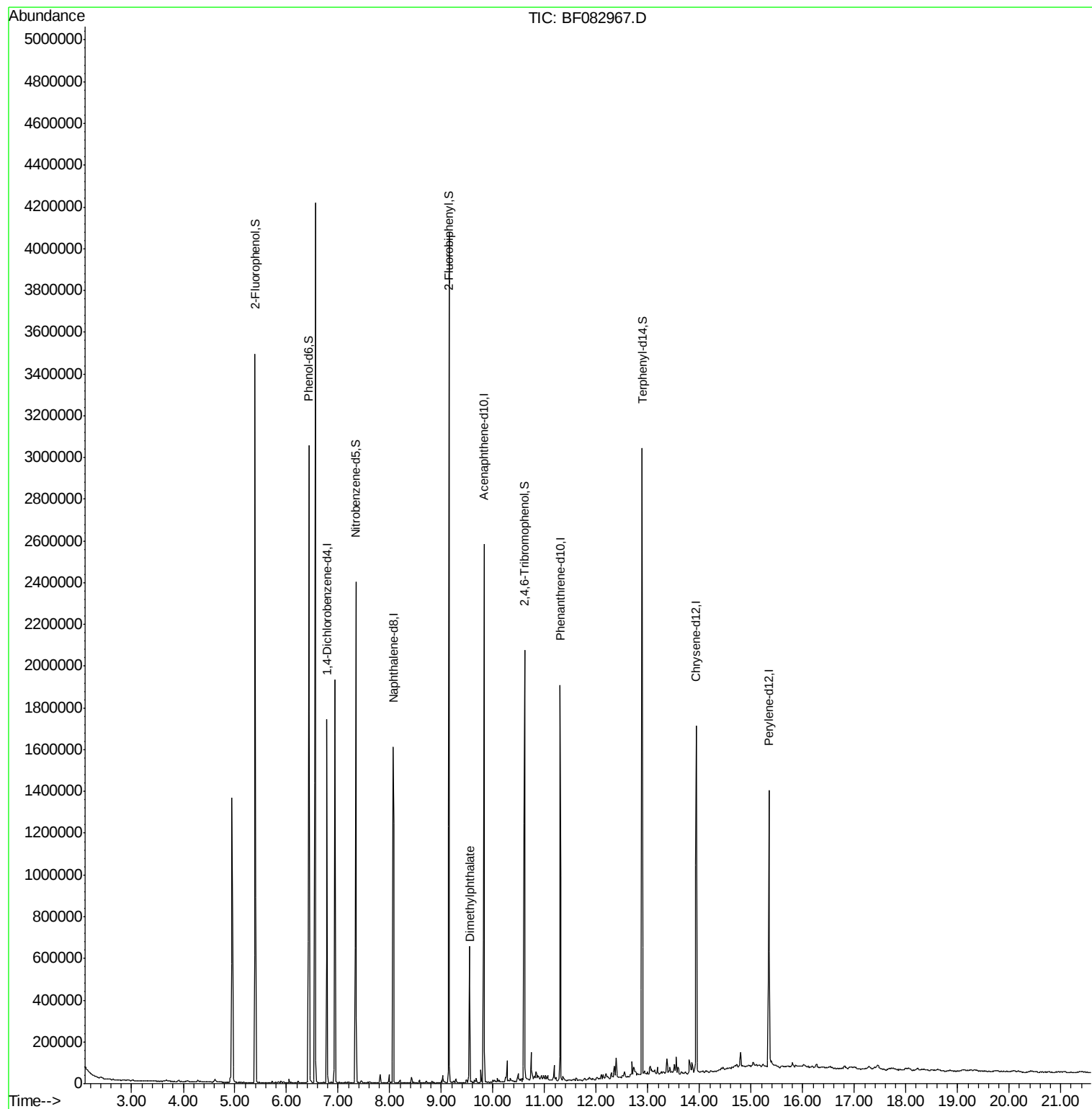
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	267323	20.00	ng	-0.07
21) Naphthalene-d8	8.06	136	975853	20.00	ng	-0.08
38) Acenaphthene-d10	9.82	164	512482	20.00	ng	-0.07
63) Phenanthrene-d10	11.30	188	819894	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	701330	20.00	ng	-0.08
86) Perylene-d12	15.35	264	617278	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	949179	55.25	ng	-0.06
7) Phenol-d6	6.43	99	1384063	60.60	ng	-0.06
23) Nitrobenzene-d5	7.34	82	821880	36.65	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	292902	49.85	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	1226160	34.29	ng	-0.07
78) Terphenyl-d14	12.89	244	904359	30.58	ng	-0.08
Target Compounds						
49) Dimethylphthalate	9.55	163	358533	8.54	ng	Qvalue # 95

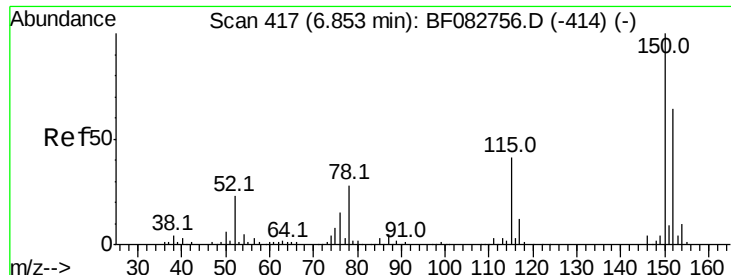
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082967.D

Acq: 17 Nov 2015 10:52

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02RE

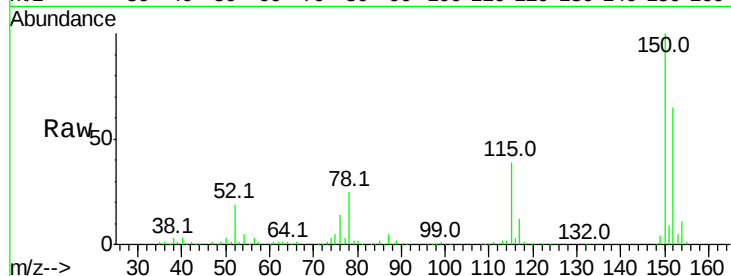
Tot Ion:152 Resp: 267323

Ion Ratio Lower Upper

152 100

150 154.2 127.0 190.4

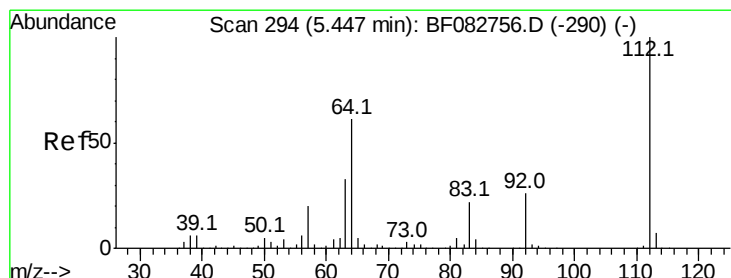
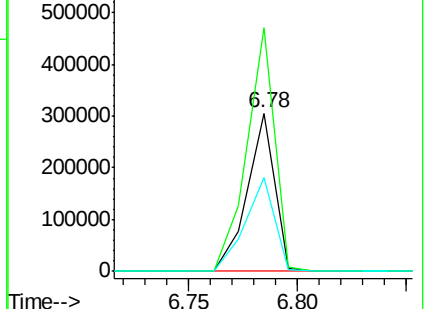
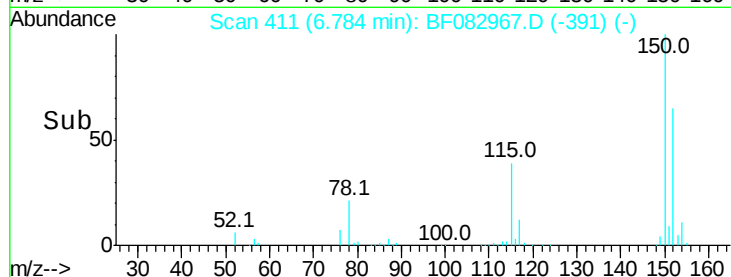
115 59.7 47.0 70.6



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: 55.25 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.06 min

Lab File: BF082967.D

Acq: 17 Nov 2015 10:52

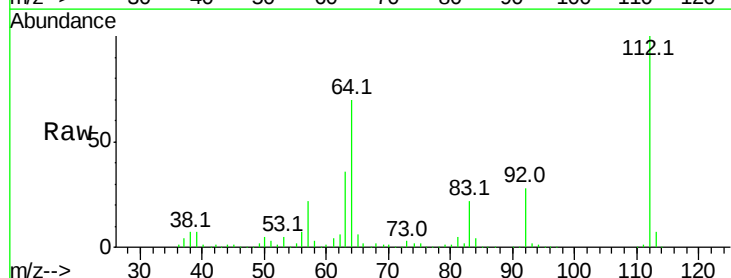
Tgt Ion:112 Resp: 949179

Ion Ratio Lower Upper

112 100

64 69.7 48.9 73.3

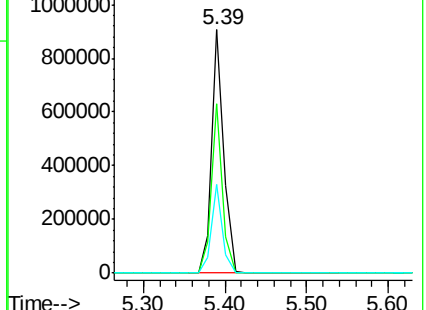
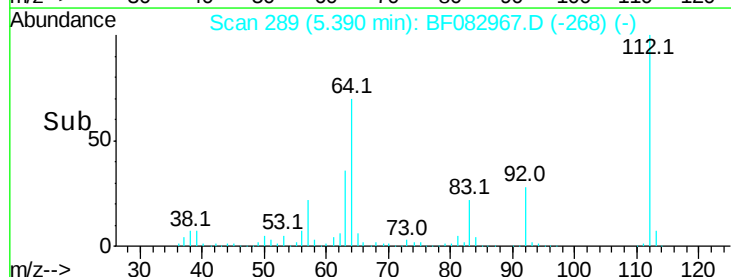
63 36.2 28.1 42.1

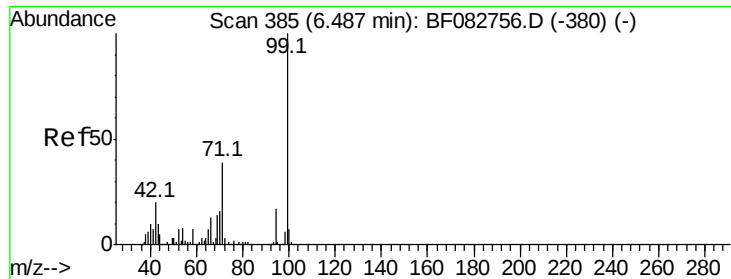


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 60.60 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.06 min

Lab File: BF082967.D

Acq: 17 Nov 2015 10:52

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02RE

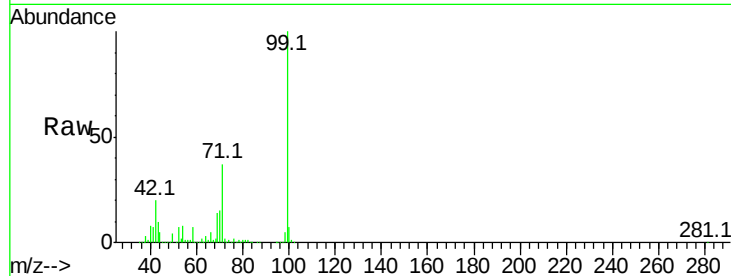
Tot Ion: 99 Resp: 1384063

Ion Ratio Lower Upper

99 100

42 20.0 19.2 28.8

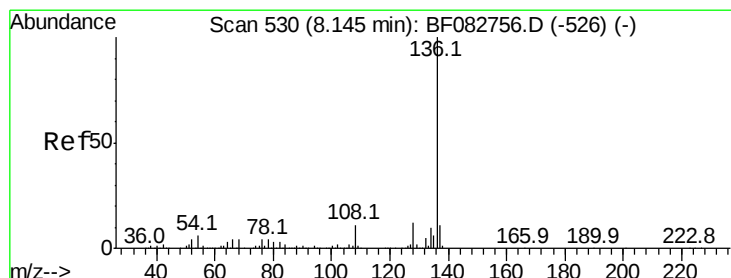
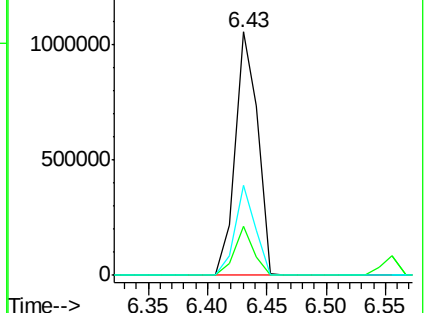
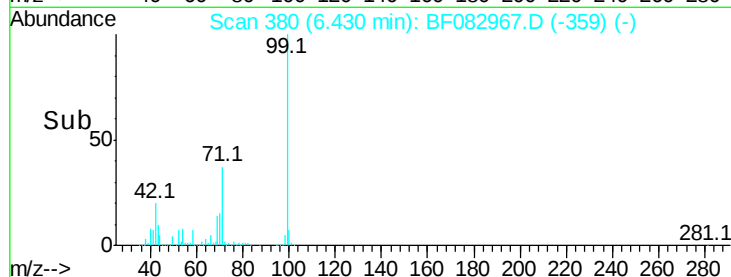
71 37.2 35.0 52.4



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: BF082967.D

Acq: 17 Nov 2015 10:52

Tgt Ion: 136 Resp: 975853

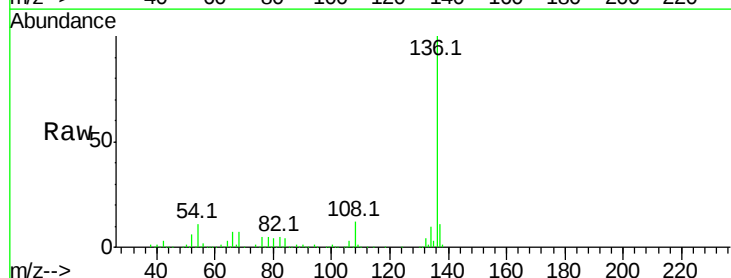
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 11.3 9.1 13.7

68 7.4 4.8 7.2#

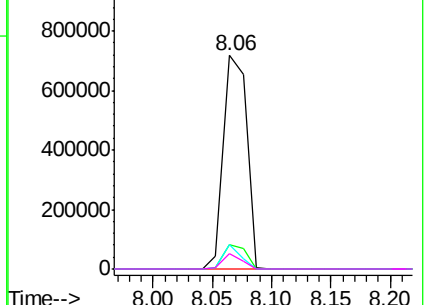
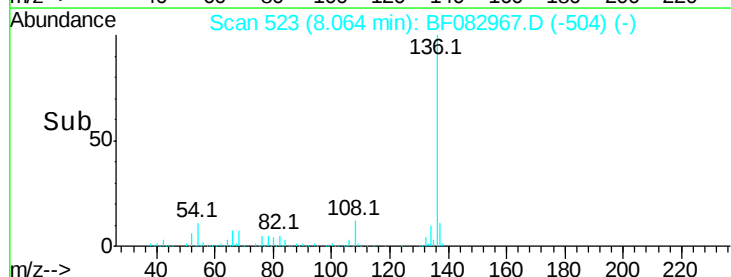


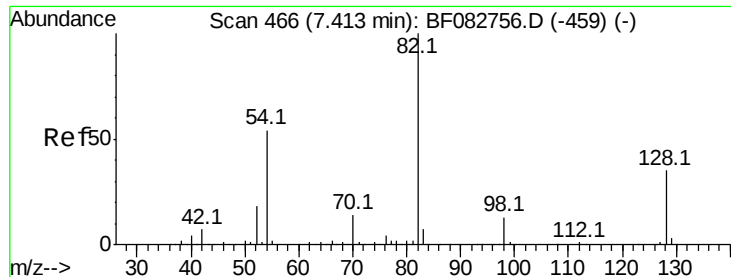
Abundance Ion 136.00 (135.70 to 136.70): E

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

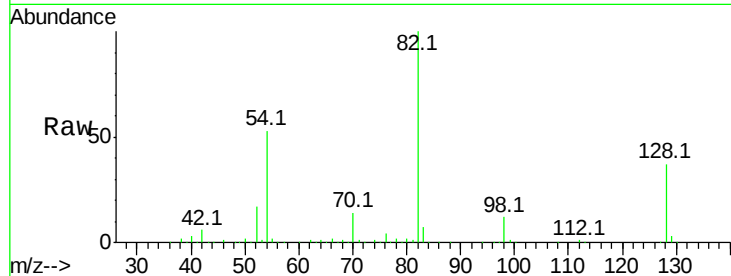




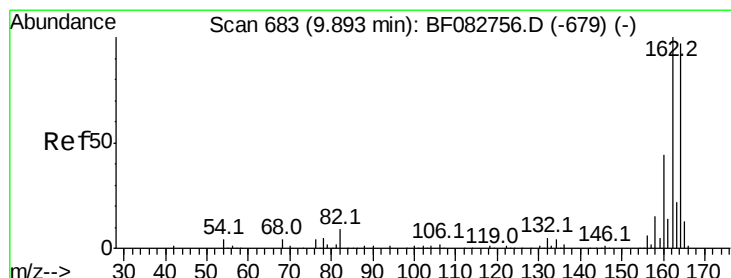
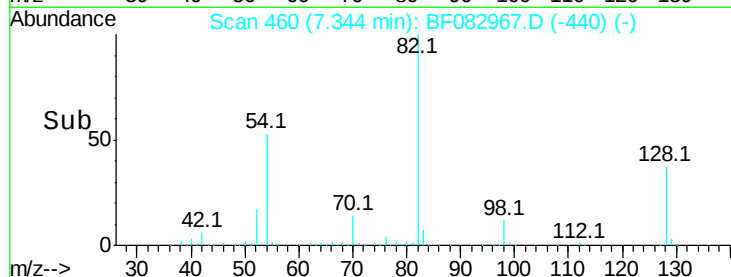
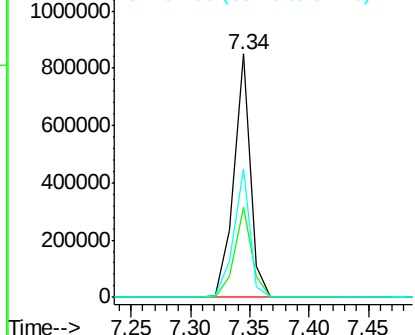
#23
Nitrobenzene-d5
Concen: 36.65 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.07 min
Lab File: BF082967.D
Acq: 17 Nov 2015 10:52

Instrument :
BNA_F
ClientSampleId :
P001-TS003-02RE

Tot Ion: 82 Resp: 821880
Ion Ratio Lower Upper
82 100
128 37.0 26.8 40.2
54 52.5 45.7 68.5

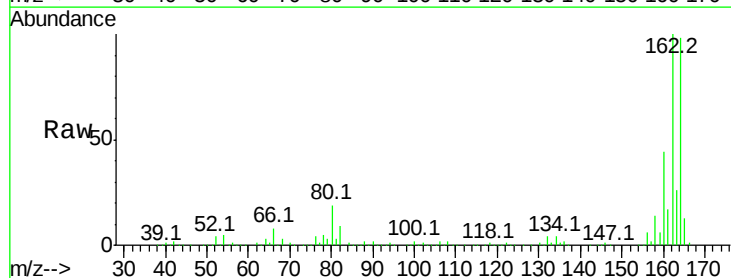


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

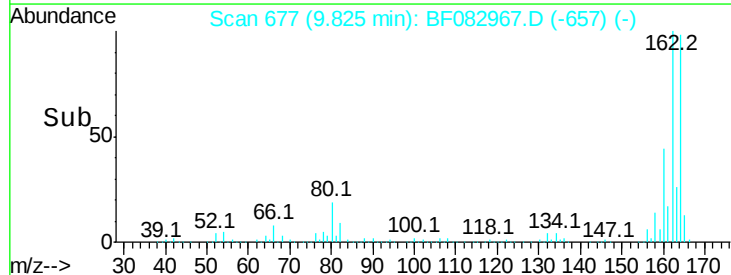
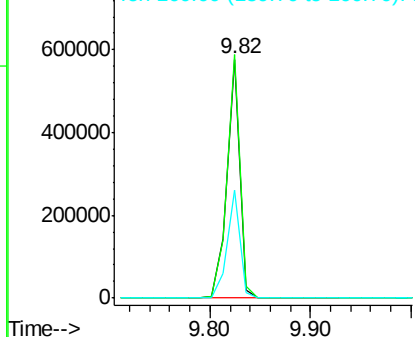


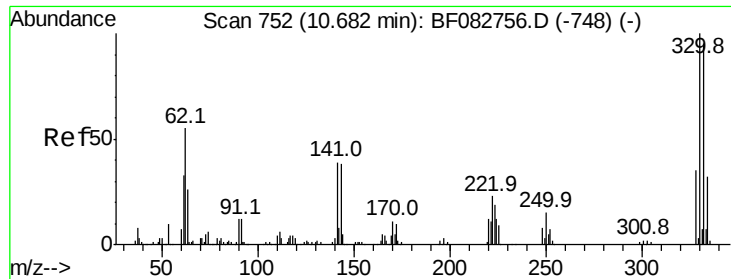
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.07 min
Lab File: BF082967.D
Acq: 17 Nov 2015 10:52

Tgt Ion:164 Resp: 512482
Ion Ratio Lower Upper
164 100
162 102.0 84.9 127.3
160 45.4 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

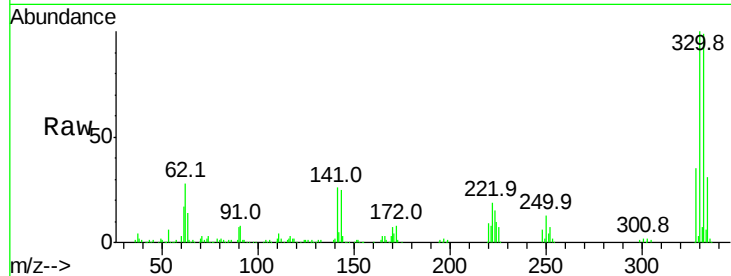




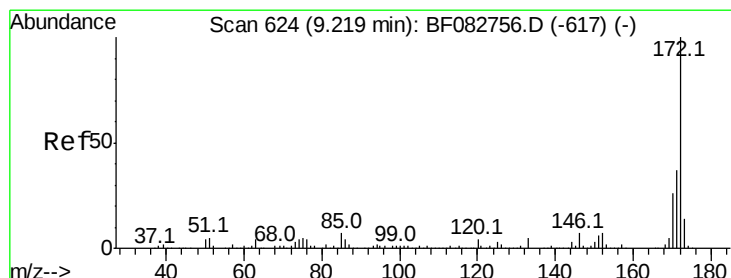
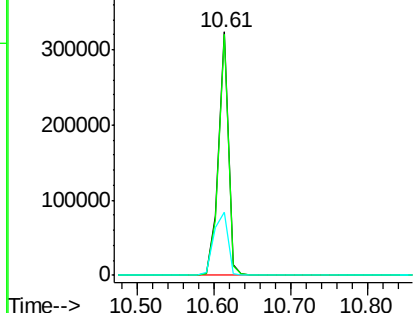
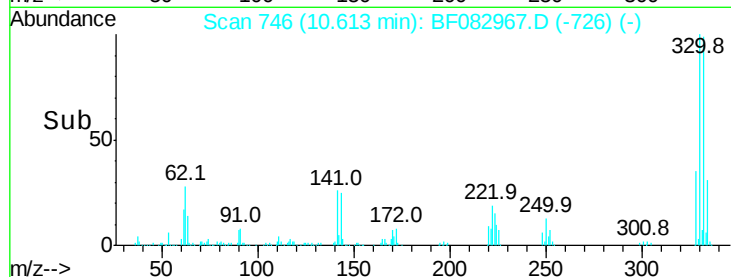
#41
 2,4,6-Tribromophenol
 Concen: 49.85 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.07 min
 Lab File: BF082967.D
 Acq: 17 Nov 2015 10:52

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02RE

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.6	114.8
141	36.6	41.2	61.8#

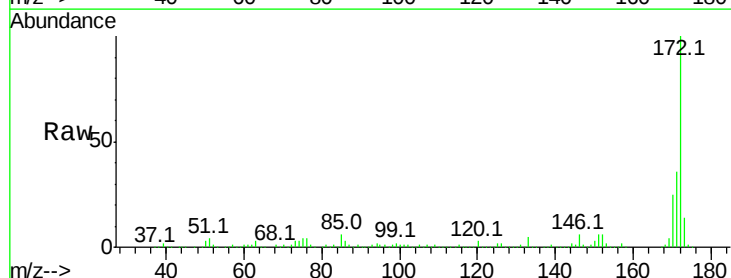


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

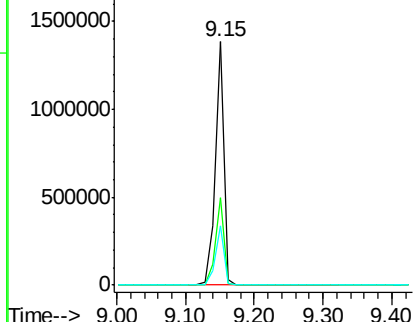
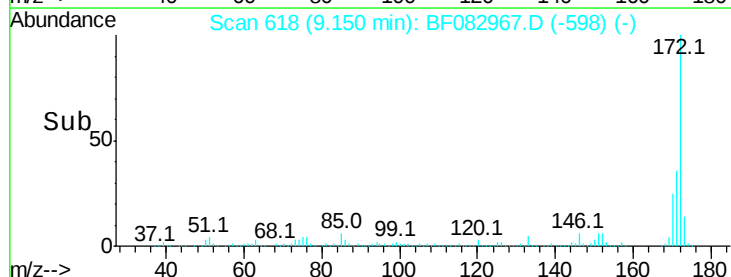


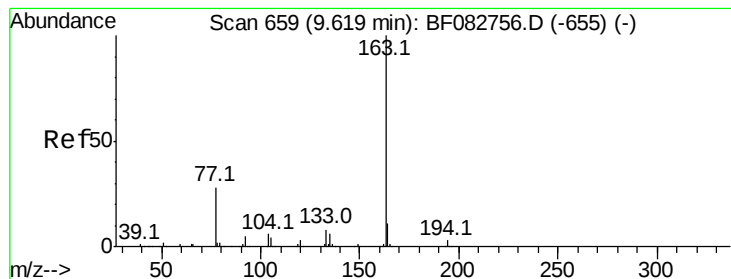
#44
 2-Fluorobiphenyl
 Concen: 34.29 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF082967.D
 Acq: 17 Nov 2015 10:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.8	46.2
170	24.5	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: 8.54 ng

RT: 9.55 min Scan# 653

Delta R.T. -0.07 min

Lab File: BF082967.D

Acq: 17 Nov 2015 10:52

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02RE

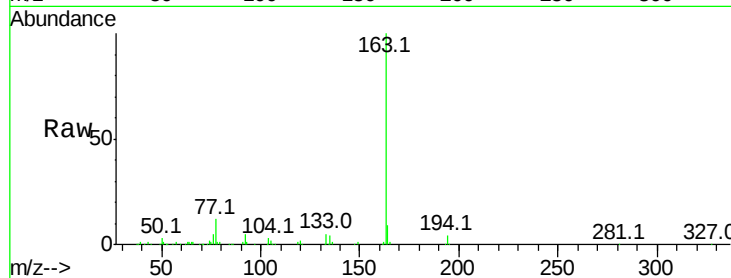
Tot Ion:163 Resp: 358533

Ion Ratio Lower Upper

163 100

194 4.1 2.6 4.0#

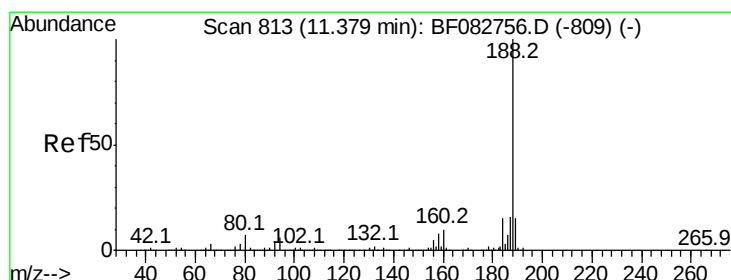
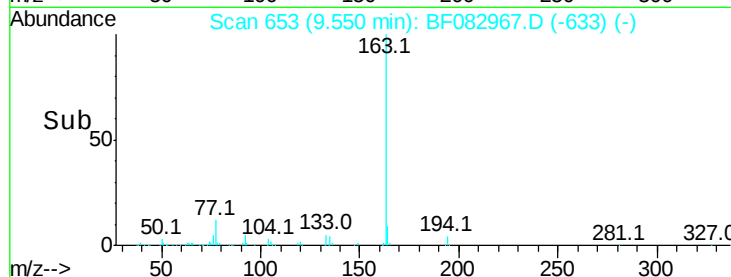
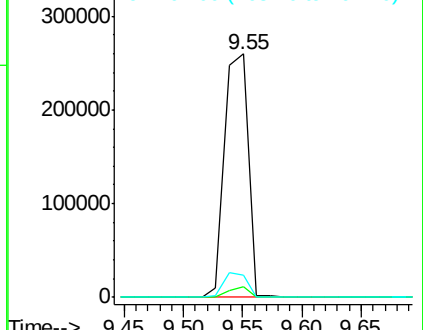
164 8.9 8.7 13.1



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: 11.30 min Scan# 806

Delta R.T. -0.08 min

Lab File: BF082967.D

Acq: 17 Nov 2015 10:52

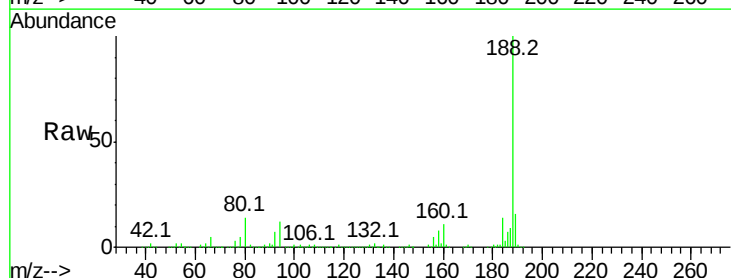
Tgt Ion:188 Resp: 819894

Ion Ratio Lower Upper

188 100

94 12.3 6.1 9.1#

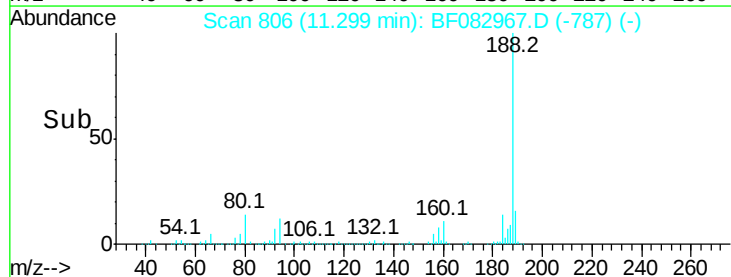
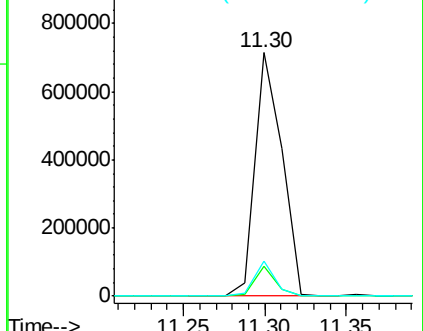
80 14.2 7.0 10.6#

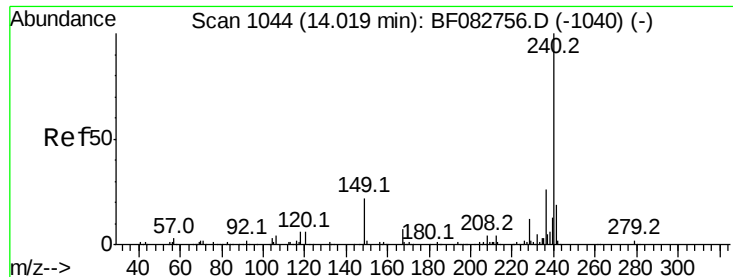


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF082967.D

Acq: 17 Nov 2015 10:52

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02RE

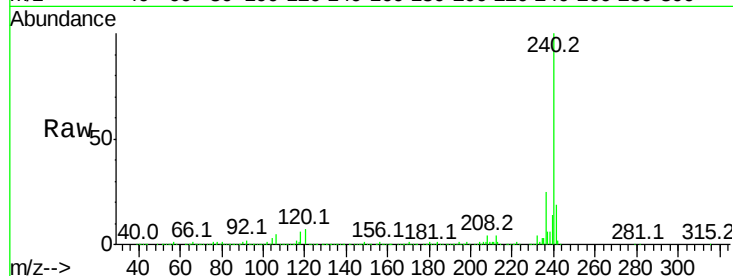
Tot Ion:240 Resp: 701330

Ion Ratio Lower Upper

240 100

120 6.8 10.9 16.3#

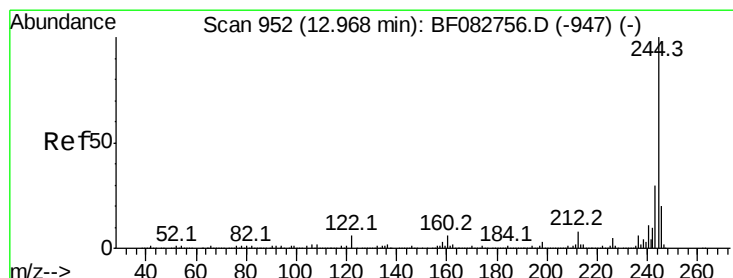
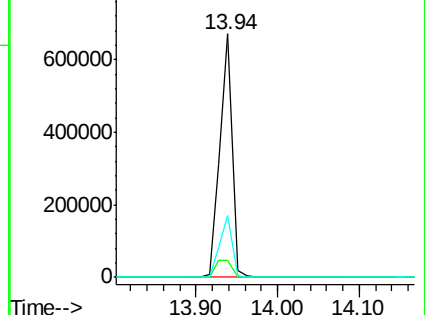
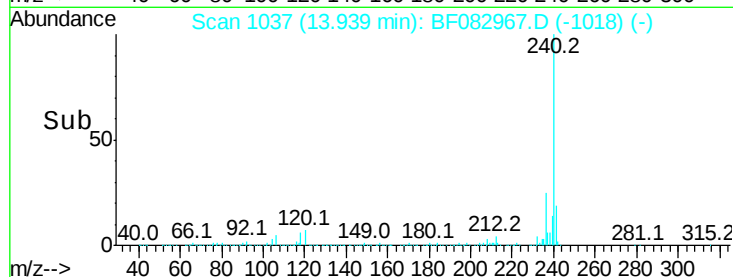
236 25.2 21.6 32.4



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: 30.58 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.08 min

Lab File: BF082967.D

Acq: 17 Nov 2015 10:52

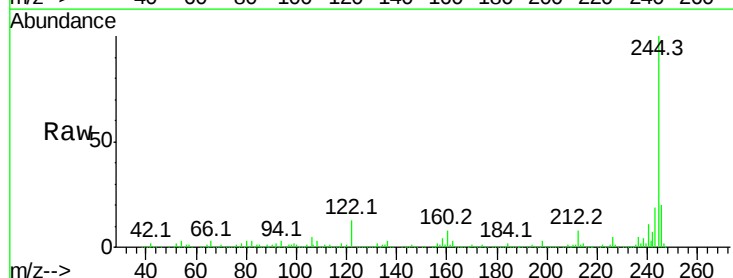
Tgt Ion:244 Resp: 904359

Ion Ratio Lower Upper

244 100

212 8.1 7.6 11.4

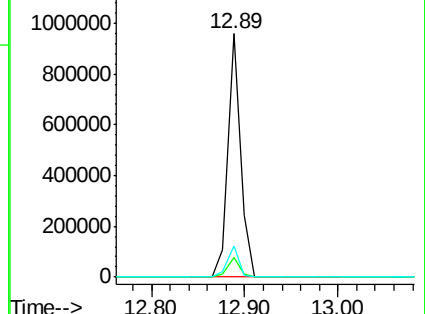
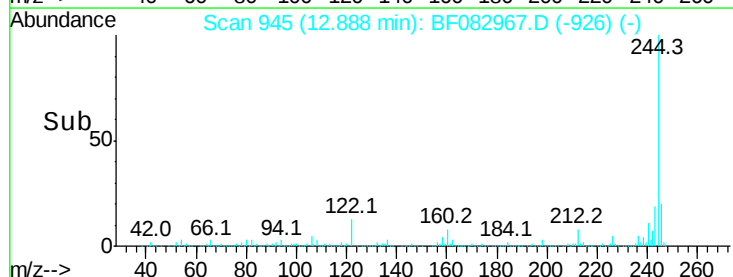
122 12.7 11.3 16.9

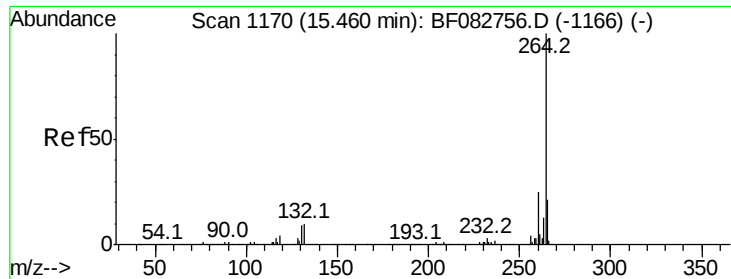


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.35 min Scan# 1160
 Delta R.T. -0.11 min
 Lab File: BF082967.D
 Acq: 17 Nov 2015 10:52

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.8	29.6
265	21.7	17.4	26.0

