

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092815\
 Data File : BF081862.D
 Acq On : 29 Sep 2015 2:59
 Operator : UM/IZ
 Sample : G3717-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-4-9-16-15

Quant Time: Sep 29 04:53:48 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

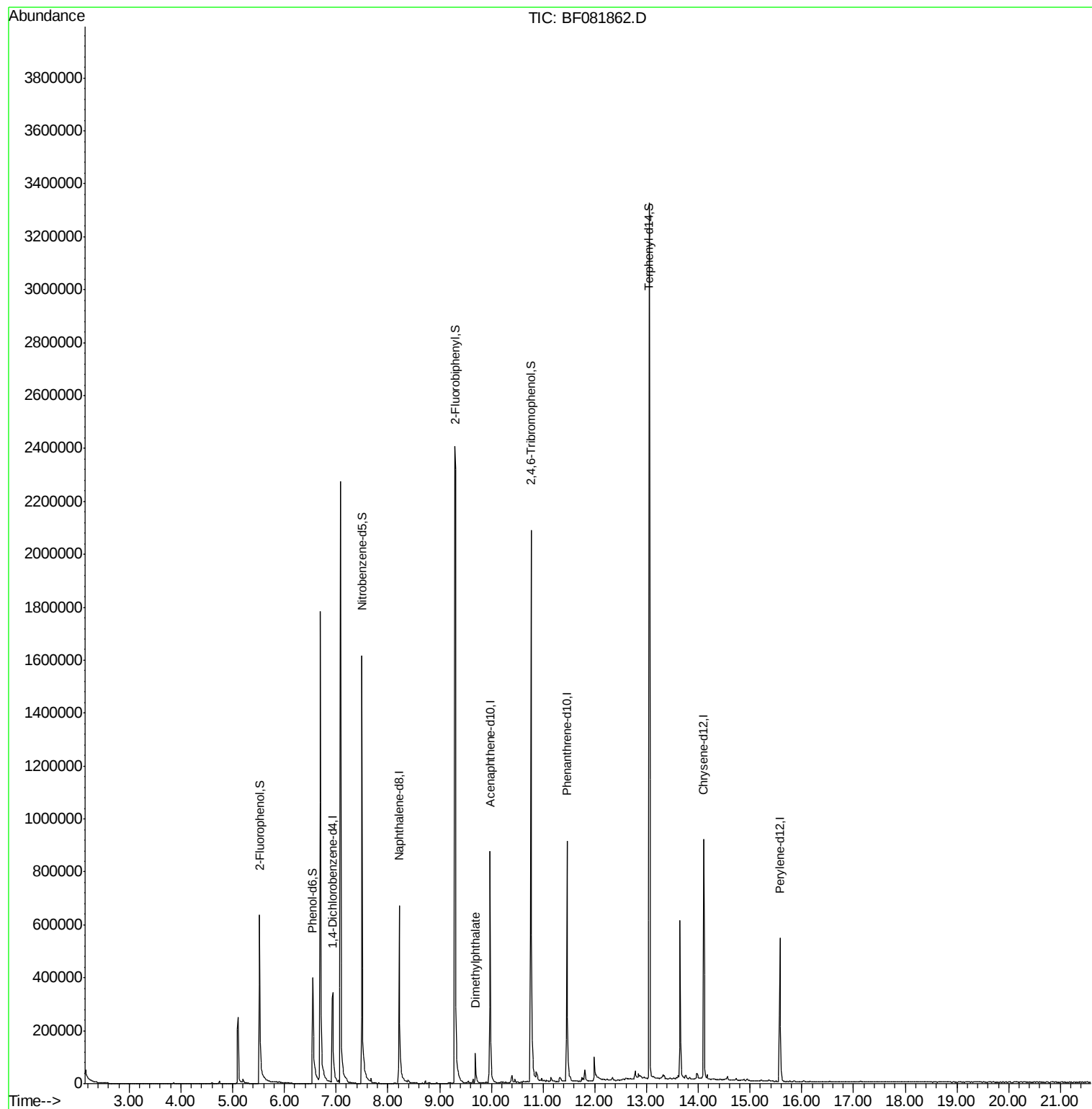
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	113424	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	450036	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	217080	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	411533	20.00	ng	0.00
75) Chrysene-d12	14.10	240	374107	20.00	ng	-0.01
86) Perylene-d12	15.58	264	293896	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	329701	52.77	ng	0.00
7) Phenol-d6	6.55	99	282778	35.97	ng	-0.01
23) Nitrobenzene-d5	7.50	82	686619	101.70	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	317160	144.26	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1352982	110.70	ng	0.00
78) Terphenyl-d14	13.05	244	1178191	110.81	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.69	163	75458	5.04	ng	Qvalue # 97

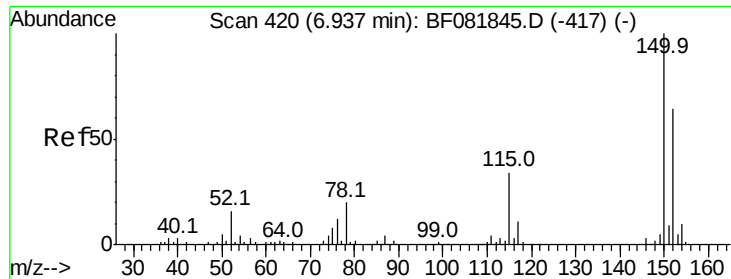
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF081862.D

Acq: 29 Sep 2015 2:59

Instrument :

BNA_F

ClientSampleId :

PZ-4-9-16-15

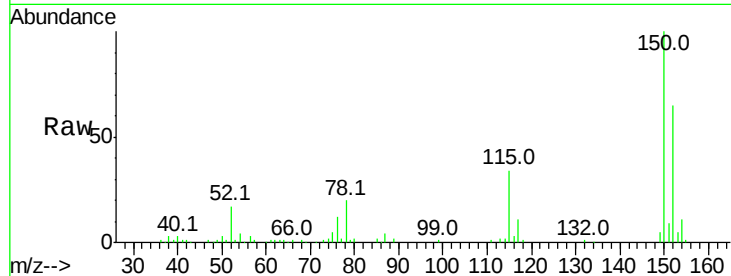
Tot Ion:152 Resp: 113424

Ion Ratio Lower Upper

152 100

150 154.9 124.7 187.1

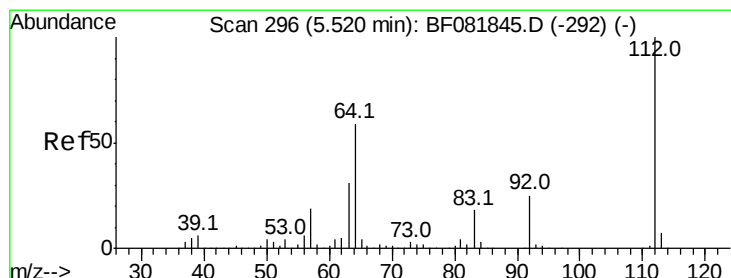
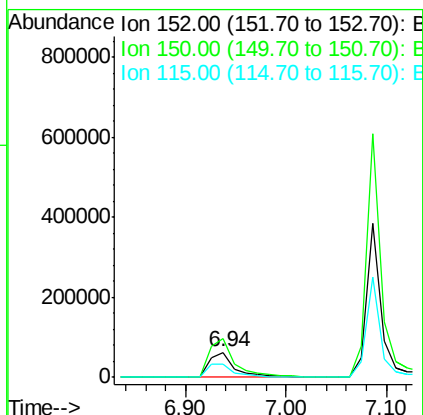
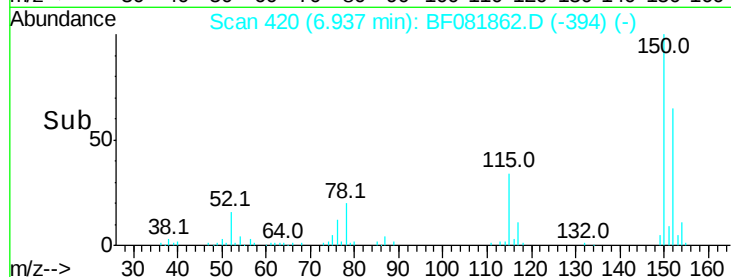
115 52.5 39.0 58.4



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: 52.77 ng

RT: 5.52 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF081862.D

Acq: 29 Sep 2015 2:59

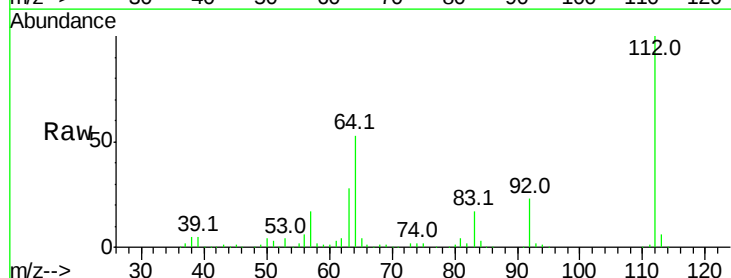
Tgt Ion:112 Resp: 329701

Ion Ratio Lower Upper

112 100

64 53.3 39.7 59.5

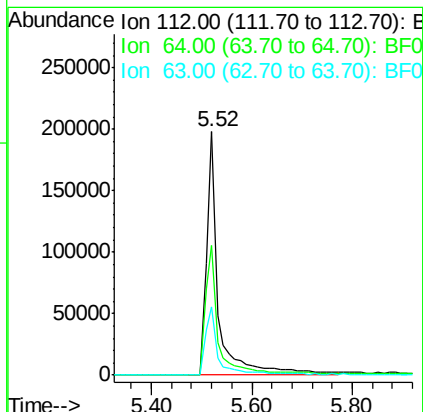
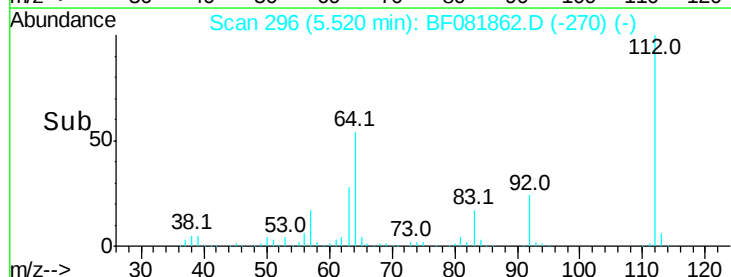
63 28.1 17.4 26.0#

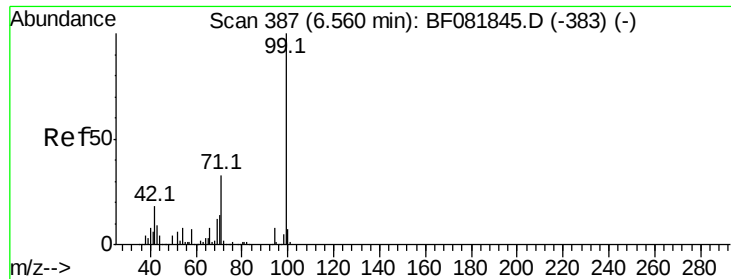


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.97 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081862.D

Acq: 29 Sep 2015 2:59

Instrument :

BNA_F

ClientSampleId :

PZ-4-9-16-15

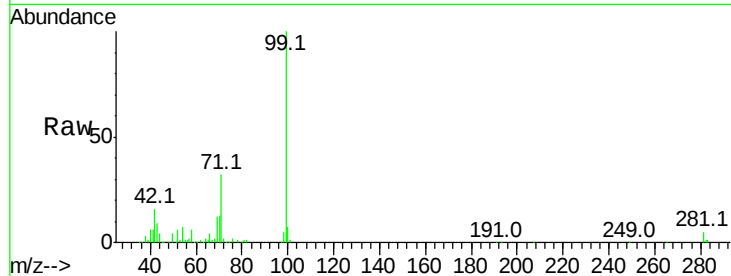
Tot Ion: 99 Resp: 282778

Ion Ratio Lower Upper

99 100

42 16.4 13.7 20.5

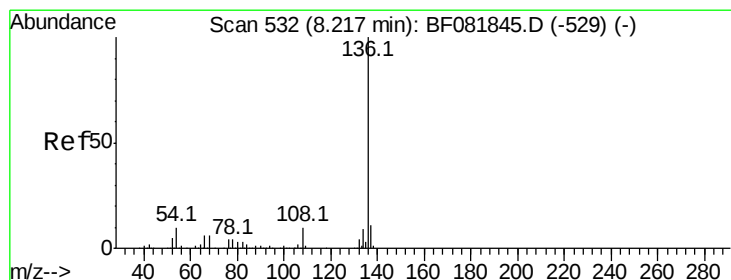
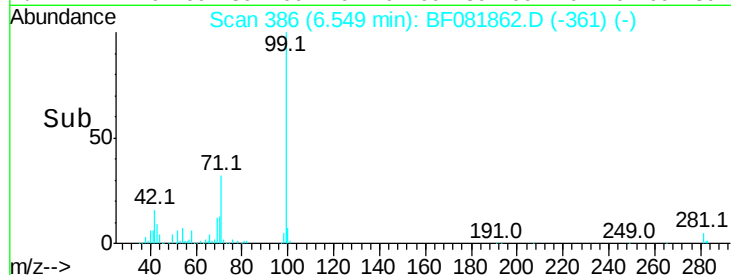
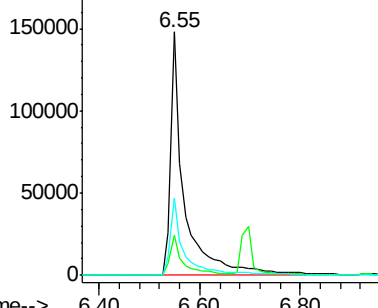
71 31.5 14.2 21.2#



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: 8.22 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF081862.D

Acq: 29 Sep 2015 2:59

Tgt Ion: 136 Resp: 450036

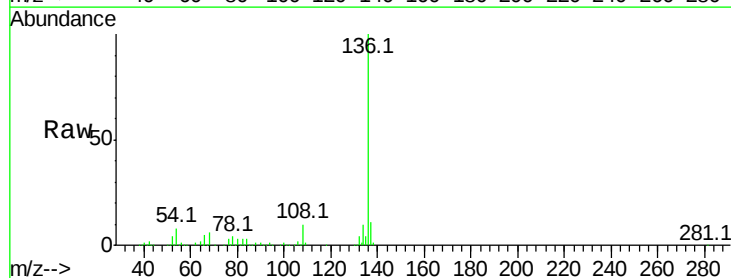
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 8.4 8.2 12.2

68 5.5 5.8 8.6#

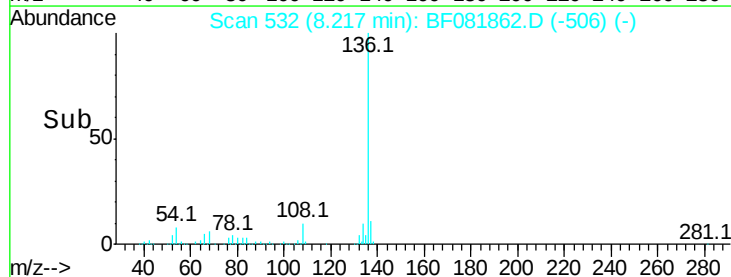
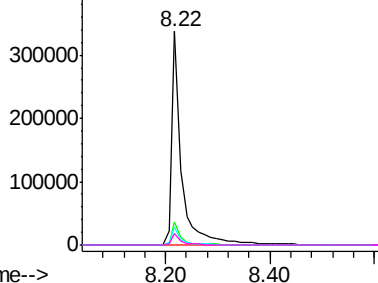


Abundance Ion 136.00 (135.70 to 136.70): E

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

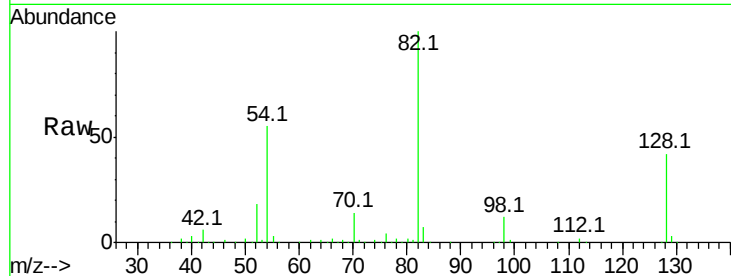




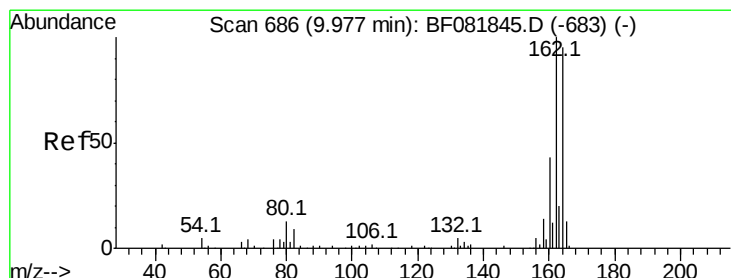
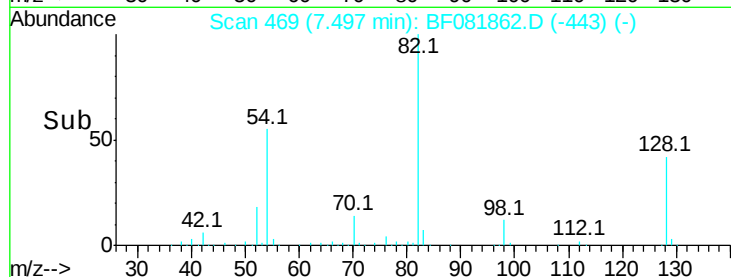
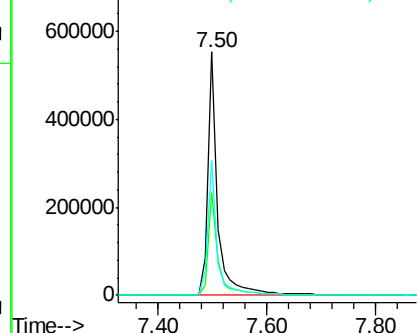
#23
 Nitrobenzene-d5
 Concen: 101.70 ng
 RT: 7.50 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081862.D
 Acq: 29 Sep 2015 2:59

Instrument :
 BNA_F
 ClientSampleId :
 PZ-4-9-16-15

Tot Ion	82	Resp	686619
Ion Ratio	Lower	Upper	
82	100		
128	42.2	51.0	76.6#
54	55.5	47.5	71.3

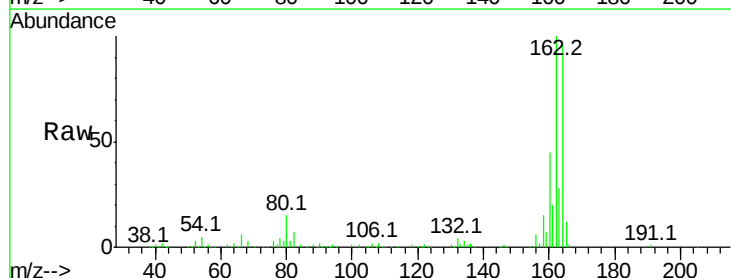


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

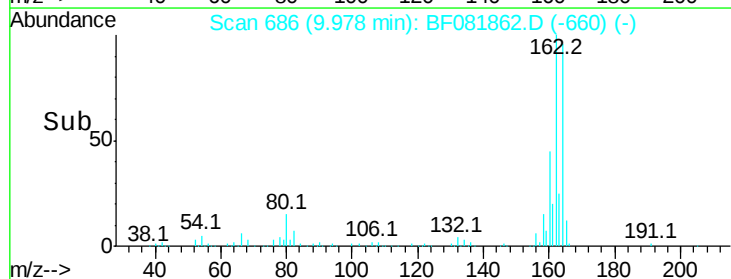
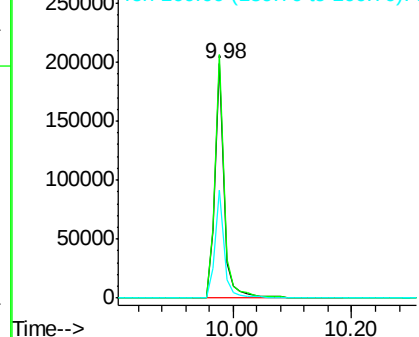


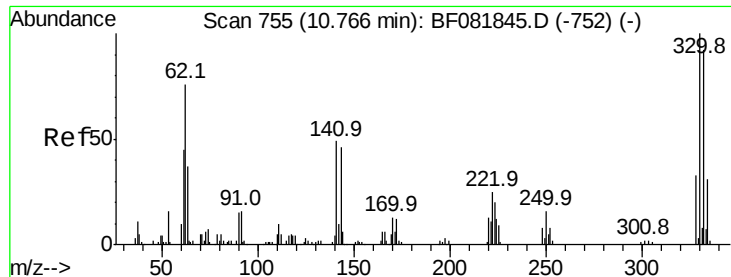
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 686
 Delta R.T. 0.00 min
 Lab File: BF081862.D
 Acq: 29 Sep 2015 2:59

Tgt Ion	164	Resp	217080
Ion Ratio	Lower	Upper	
164	100		
162	103.8	75.2	112.8
160	46.2	31.5	47.3



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

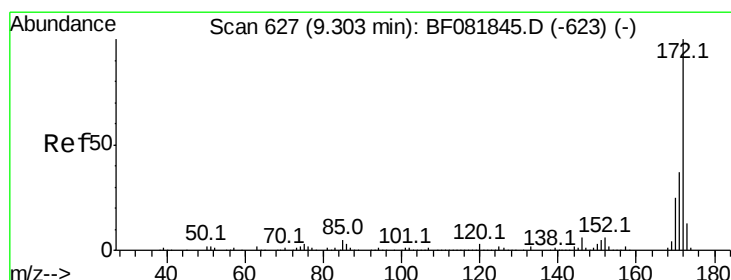
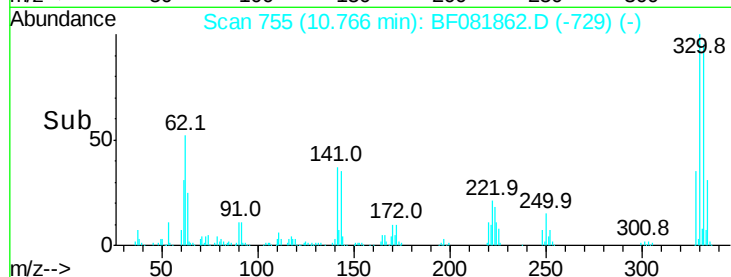
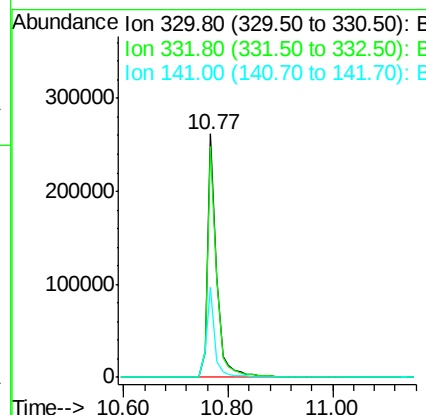
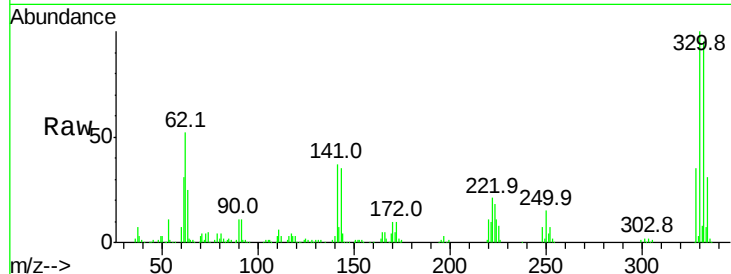




#41
 2,4,6-Tribromophenol
 Concen: 144.26 ng
 RT: 10.77 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF081862.D
 Acq: 29 Sep 2015 2:59

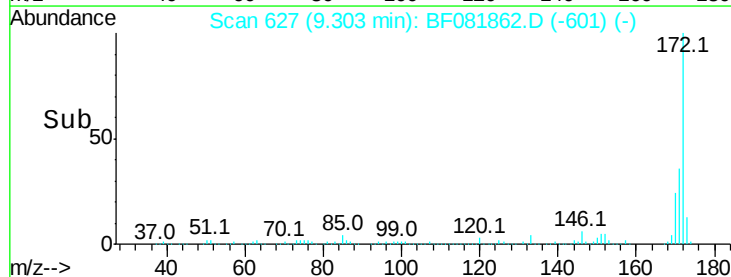
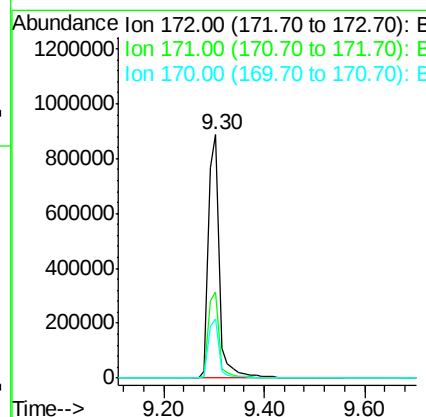
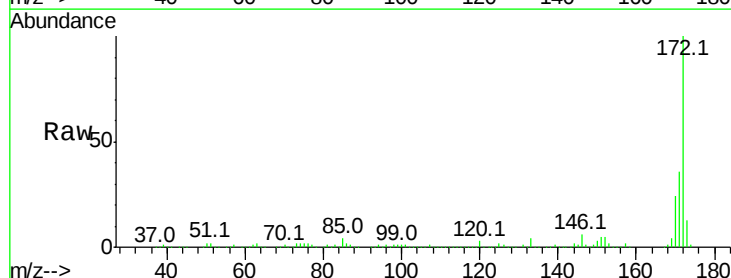
Instrument :
 BNA_F
 ClientSampleId :
 PZ-4-9-16-15

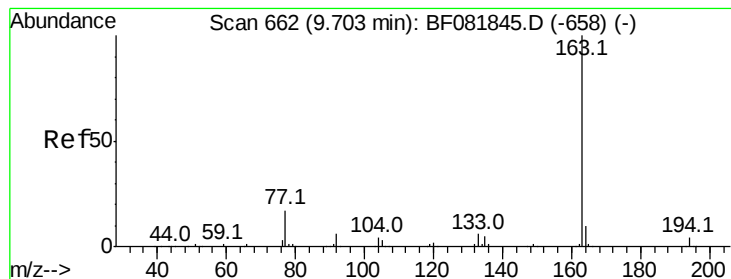
Tot Ion:330 Resp: 317160
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 114.8
 141 35.3 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 110.70 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF081862.D
 Acq: 29 Sep 2015 2:59

Tgt Ion:172 Resp: 1352982
 Ion Ratio Lower Upper
 172 100
 171 35.6 26.1 39.1
 170 24.4 17.4 26.2





#49

Dimethylphthalate

Concen: 5.04 ng

RT: 9.69 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF081862.D

Acq: 29 Sep 2015 2:59

Instrument :

BNA_F

ClientSampleId :

PZ-4-9-16-15

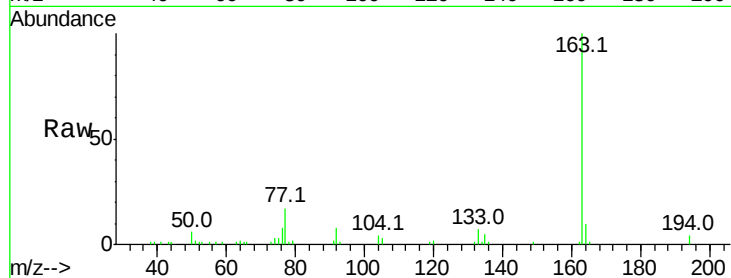
Tot Ion:163 Resp: 75458

Ion Ratio Lower Upper

163 100

194 3.8 4.4 6.6#

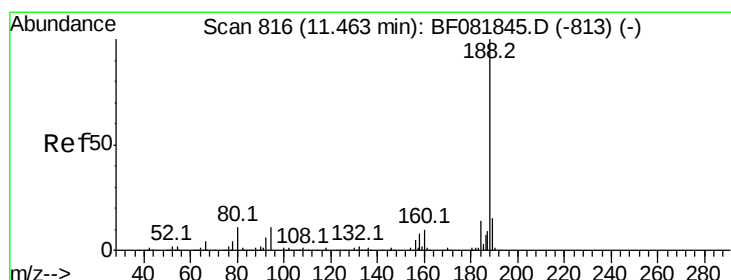
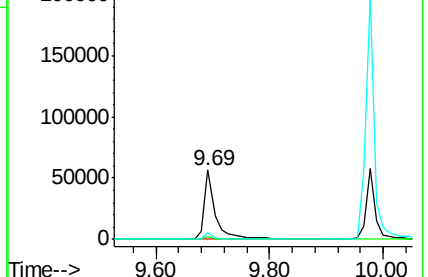
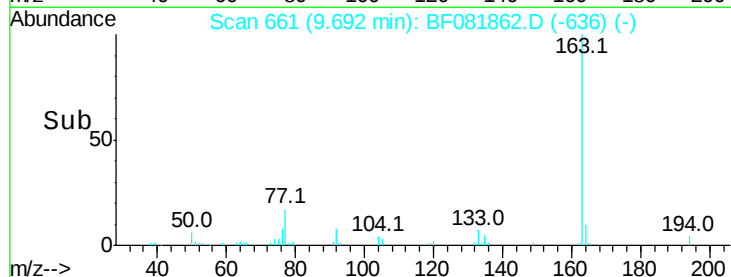
164 9.7 8.3 12.5



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: 11.46 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF081862.D

Acq: 29 Sep 2015 2:59

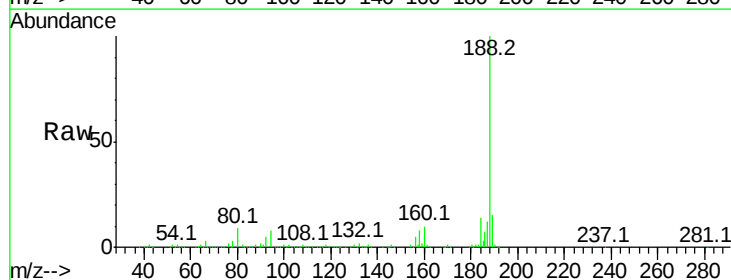
Tgt Ion:188 Resp: 411533

Ion Ratio Lower Upper

188 100

94 8.4 11.1 16.7#

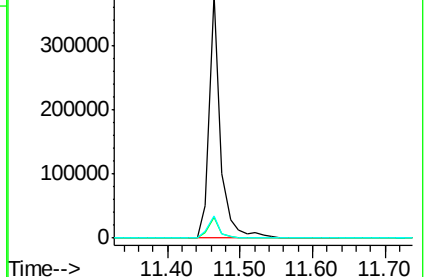
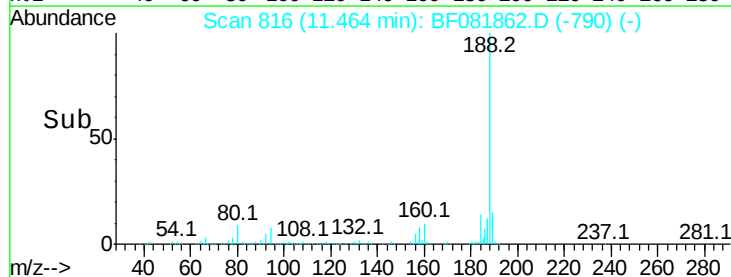
80 9.1 11.0 16.4#

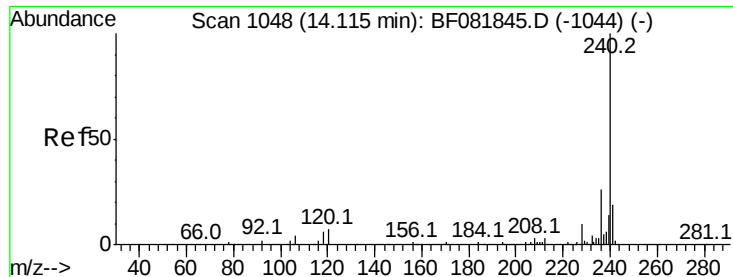


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.10 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF081862.D

Acq: 29 Sep 2015 2:59

Instrument :

BNA_F

ClientSampleId :

PZ-4-9-16-15

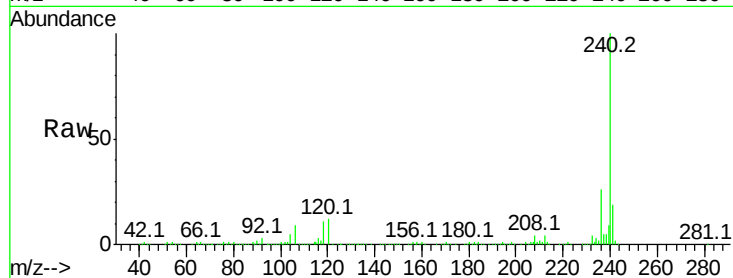
Tot Ion:240 Resp: 374107

Ion Ratio Lower Upper

240 100

120 12.3 16.2 24.2#

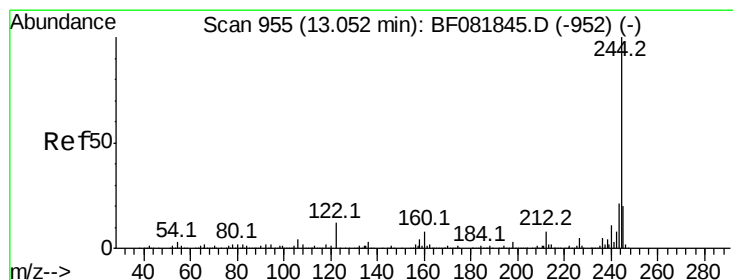
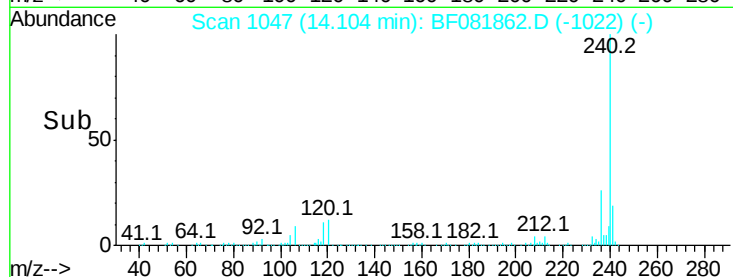
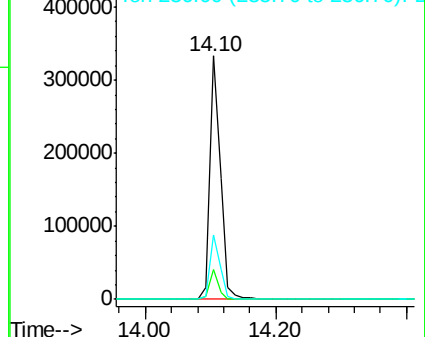
236 26.4 18.4 27.6



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: 110.81 ng

RT: 13.05 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF081862.D

Acq: 29 Sep 2015 2:59

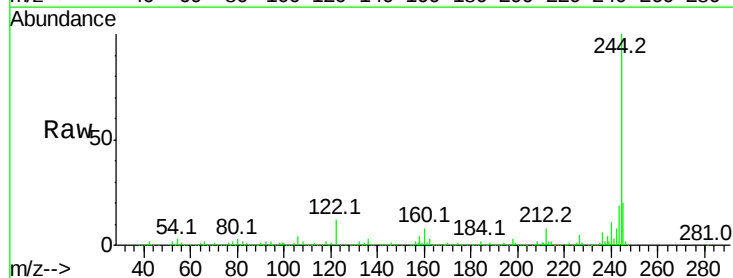
Tgt Ion:244 Resp: 1178191

Ion Ratio Lower Upper

244 100

212 8.2 4.3 6.5#

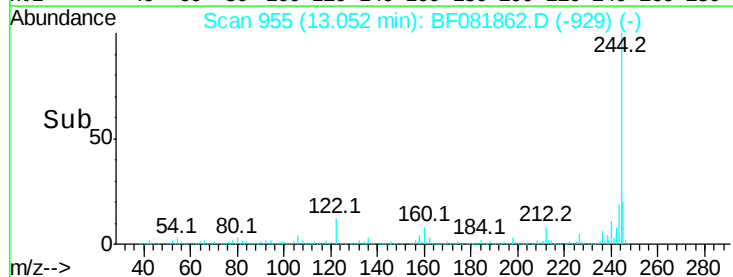
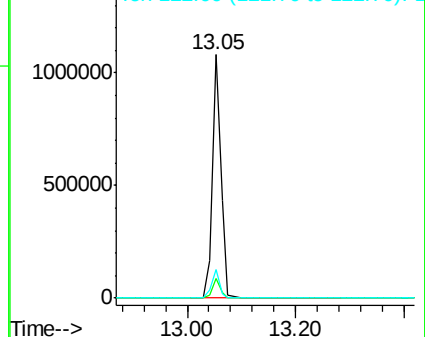
122 11.8 17.4 26.2#

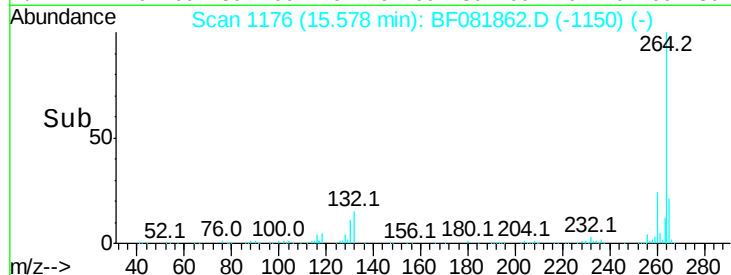
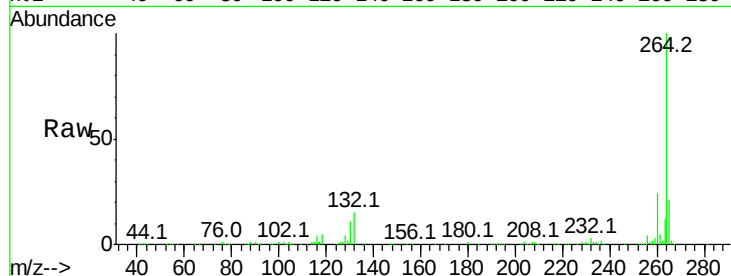
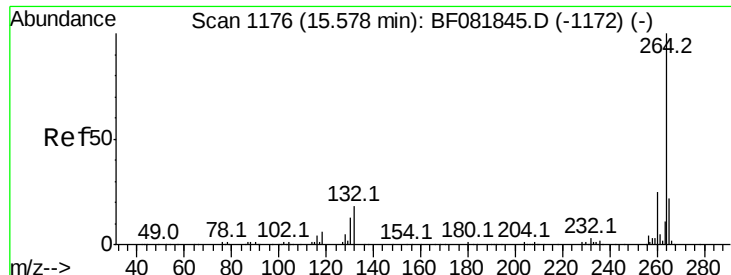


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.58 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF081862.D
Acq: 29 Sep 2015 2:59

Instrument :
BNA_F
ClientSampleId :
PZ-4-9-16-15

Tot Ion:	264	Resp:	293896
Ion Ratio	Lower	Upper	
264	100		
260	23.8	16.7	25.1
265	21.1	17.2	25.8

