

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
 Data File : BF082692.D
 Acq On : 4 Nov 2015 9:11
 Operator : UM/IZ
 Sample : G4241-11
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(2-4)

Quant Time: Nov 04 12:07:00 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

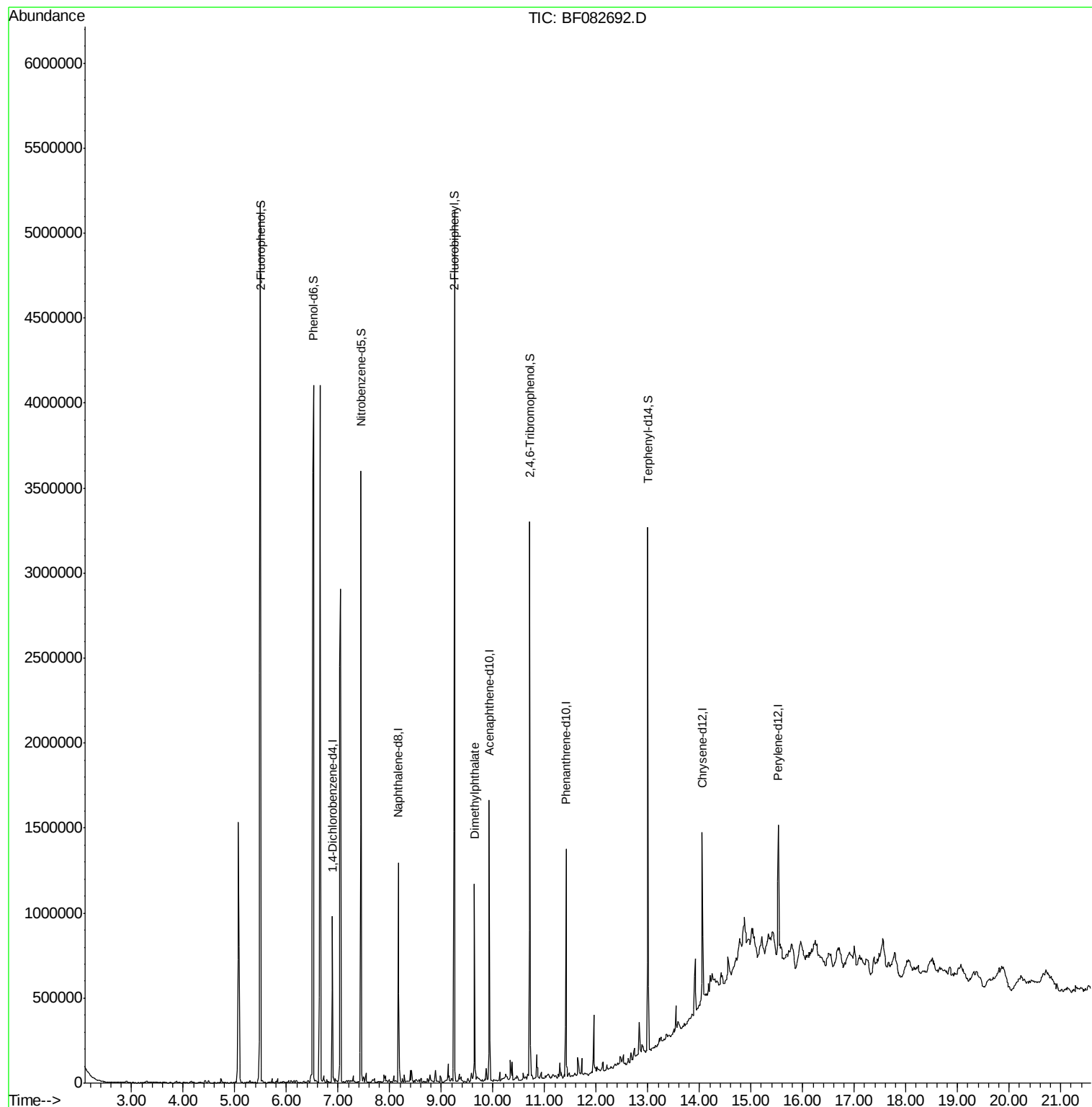
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	166677	20.00	ng	0.01
21) Naphthalene-d8	8.17	136	578930	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	292835	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	463028	20.00	ng	0.00
75) Chrysene-d12	14.05	240	359792	20.00	ng	0.00
86) Perylene-d12	15.53	264	358245	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1357095	122.63	ng	0.02
7) Phenol-d6	6.52	99	2023259	137.62	ng	0.01
23) Nitrobenzene-d5	7.45	82	1260477	88.91	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	332494	103.75	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1469634	71.25	ng	0.00
78) Terphenyl-d14	13.00	244	879917	53.52	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.64	163	387400	16.20	ng	99

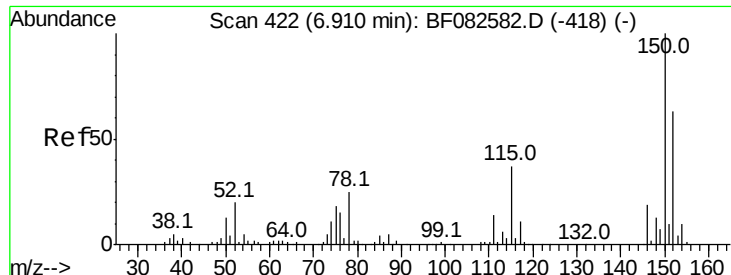
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. 0.01 min

Lab File: BF082692.D

Acq: 4 Nov 2015 9:11

Instrument :

BNA_F

ClientSampleId :

SB-12(2-4)

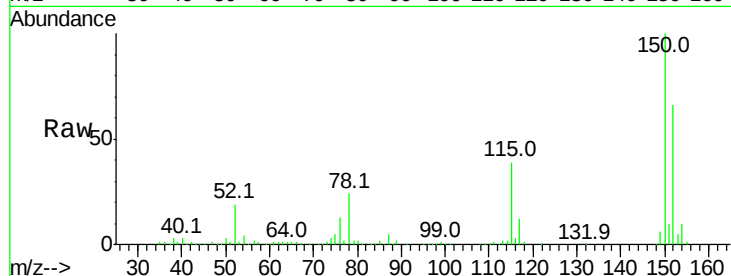
Tot Ion:152 Resp: 166677

Ion Ratio Lower Upper

152 100

150 152.4 127.0 190.4

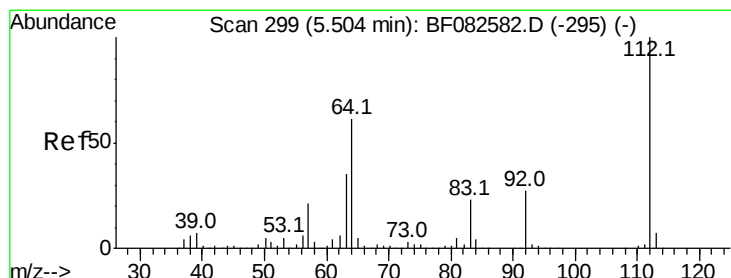
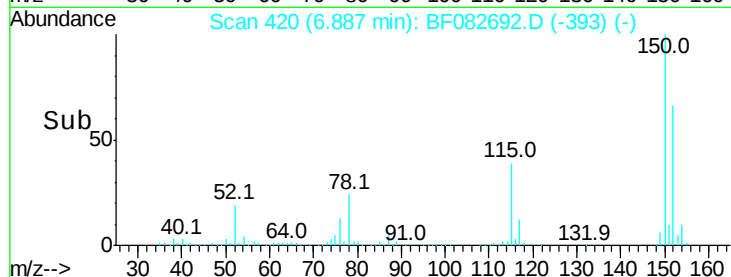
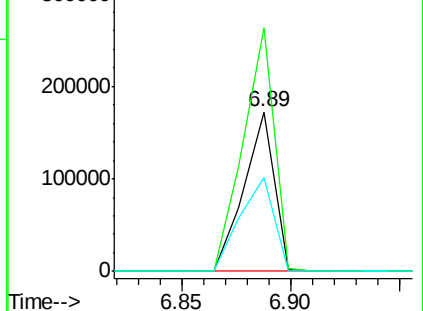
115 58.9 47.0 70.6



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: 122.63 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.02 min

Lab File: BF082692.D

Acq: 4 Nov 2015 9:11

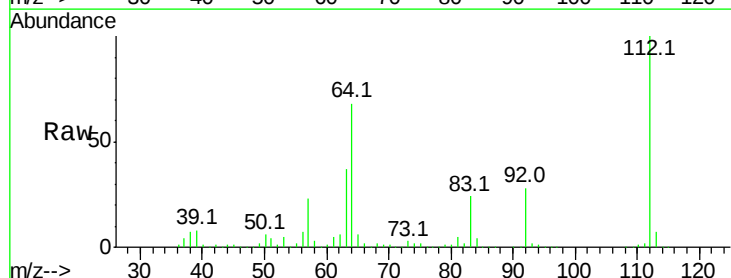
Tgt Ion:112 Resp: 1357095

Ion Ratio Lower Upper

112 100

64 68.2 48.9 73.3

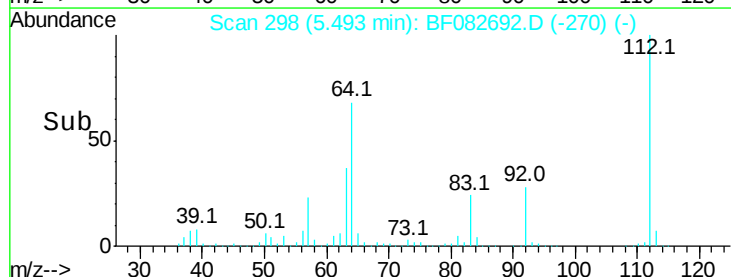
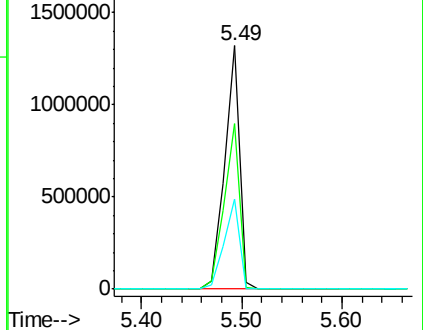
63 37.0 28.1 42.1

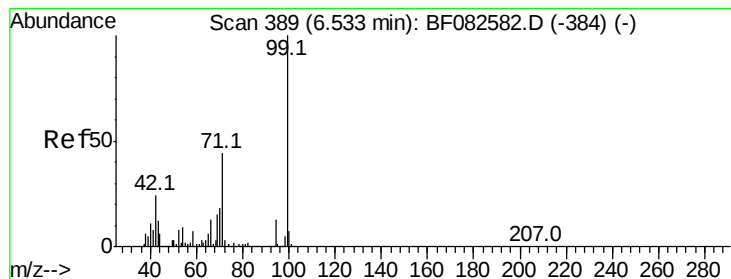


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 137.62 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF082692.D

Acq: 4 Nov 2015 9:11

Instrument :

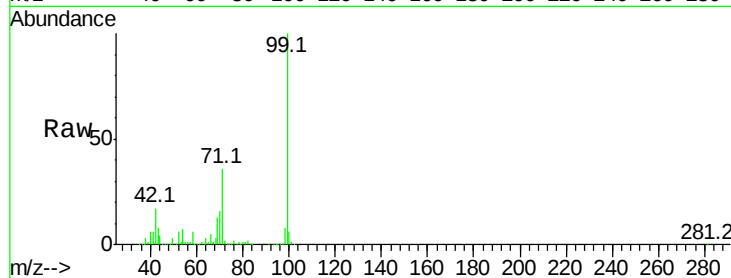
BNA_F

ClientSampleId :

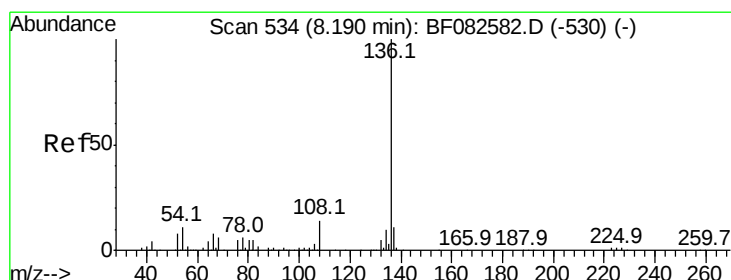
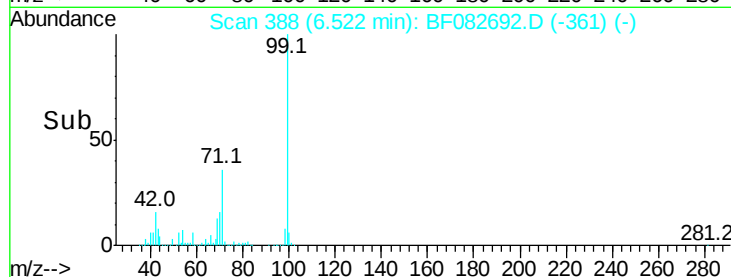
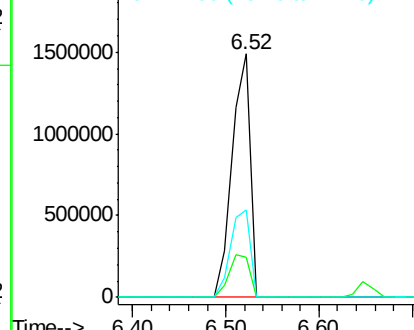
SB-12(2-4)

Tot Ion: 99 Resp: 2023259

Ion	Ratio	Lower	Upper
99	100		
42	16.5	19.2	28.8#
71	35.7	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: 8.17 min Scan# 532

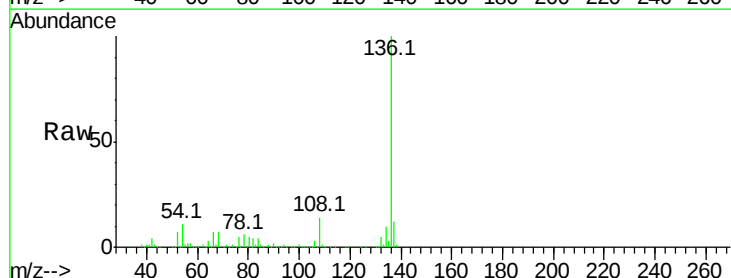
Delta R.T. 0.00 min

Lab File: BF082692.D

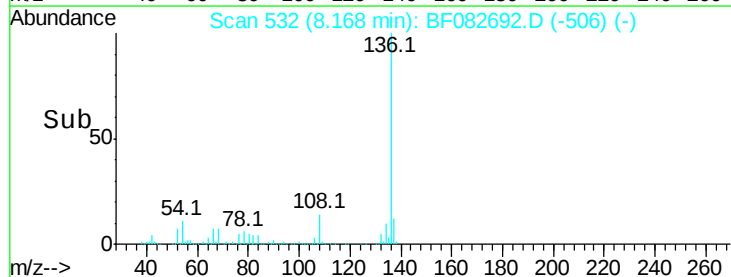
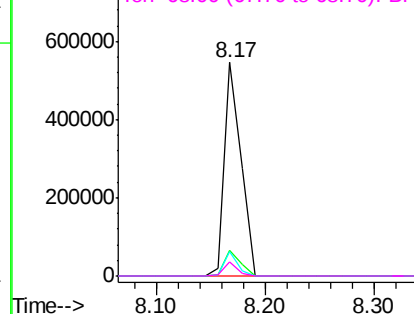
Acq: 4 Nov 2015 9:11

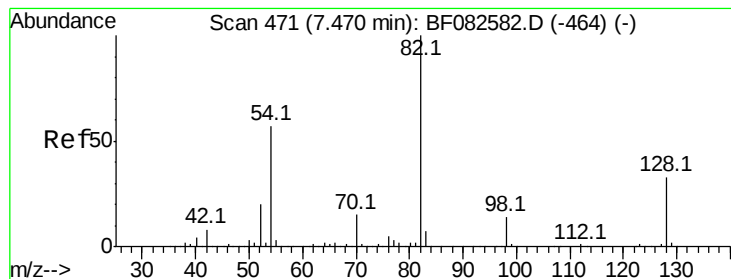
Tgt Ion: 136 Resp: 578930

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.1	13.7
54	11.1	9.1	13.7
68	6.7	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: 88.91 ng

RT: 7.45 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF082692.D

Acq: 4 Nov 2015 9:11

Instrument :

BNA_F

ClientSampleId :

SB-12(2-4)

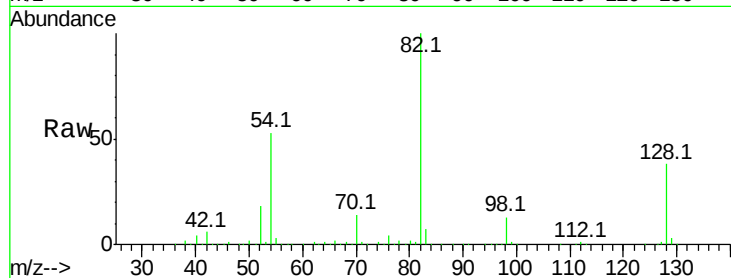
Tot Ion: 82 Resp: 1260477

Ion Ratio Lower Upper

82 100

128 37.5 26.8 40.2

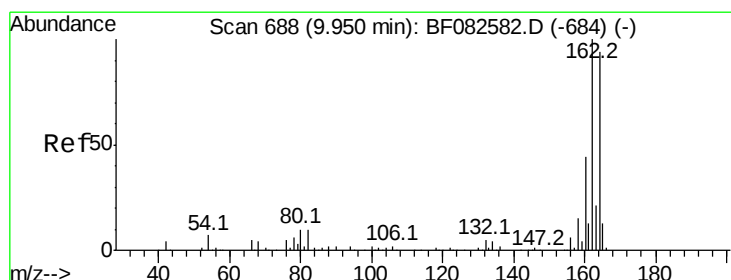
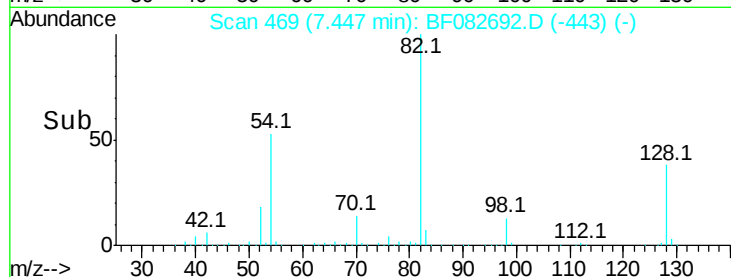
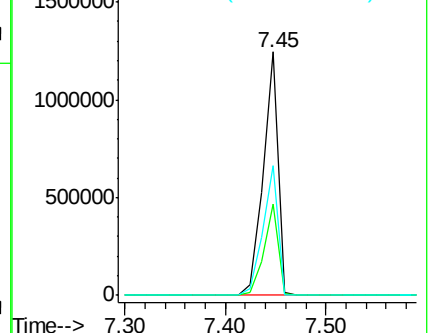
54 53.3 45.7 68.5



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: 9.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF082692.D

Acq: 4 Nov 2015 9:11

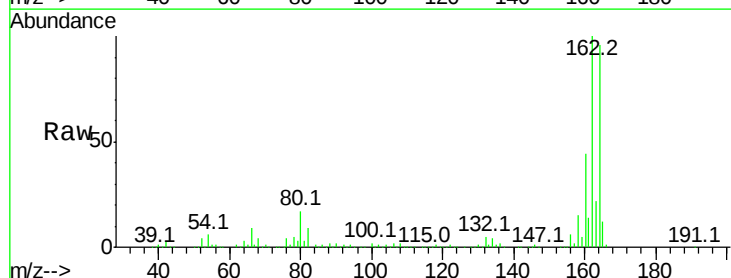
Tgt Ion:164 Resp: 292835

Ion Ratio Lower Upper

164 100

162 104.3 84.9 127.3

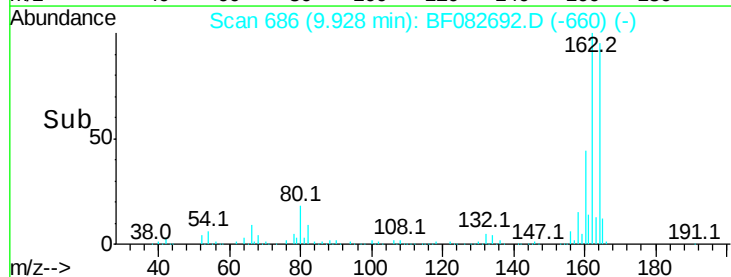
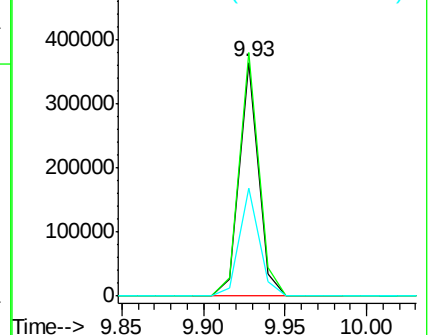
160 46.1 37.5 56.3

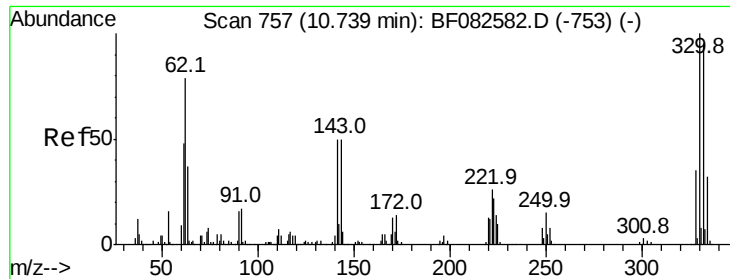


Abundance Ion 164.00 (163.70 to 164.70): B

Ion 162.00 (161.70 to 162.70): B

Ion 160.00 (159.70 to 160.70): B

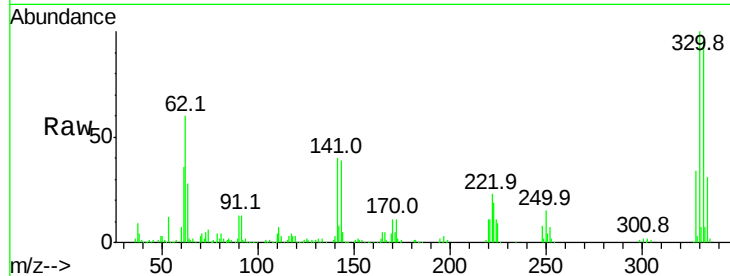




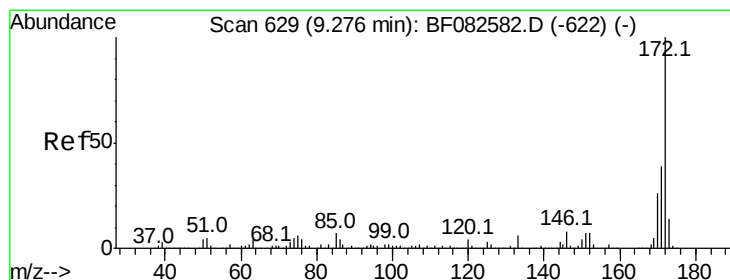
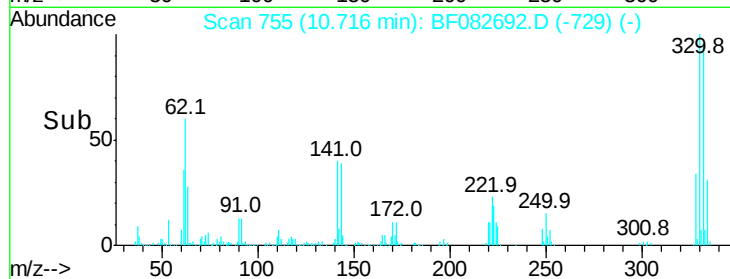
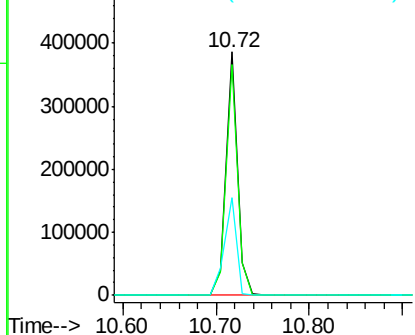
#41
 2,4,6-Tribromophenol
 Concen: 103.75 ng
 RT: 10.72 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF082692.D
 Acq: 4 Nov 2015 9:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(2-4)

Tot Ion:330 Resp: 332494
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 114.8
 141 42.1 41.2 61.8

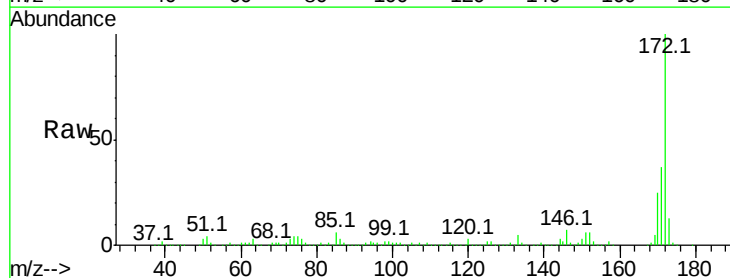


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

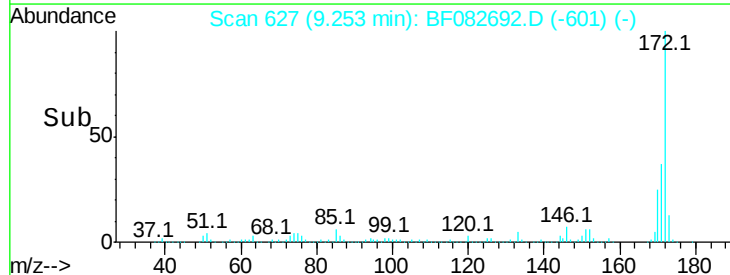
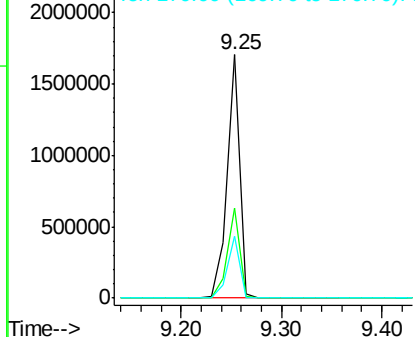


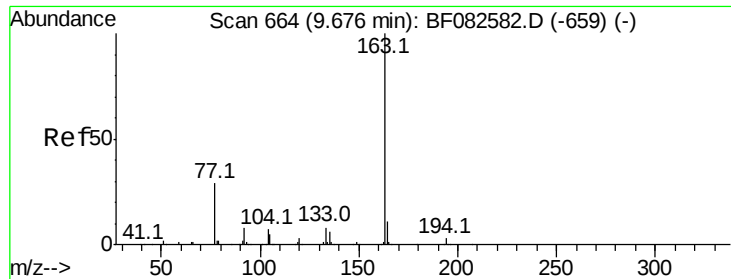
#44
 2-Fluorobiphenyl
 Concen: 71.25 ng
 RT: 9.25 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF082692.D
 Acq: 4 Nov 2015 9:11

Tgt Ion:172 Resp: 1469634
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.8 46.2
 170 25.2 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

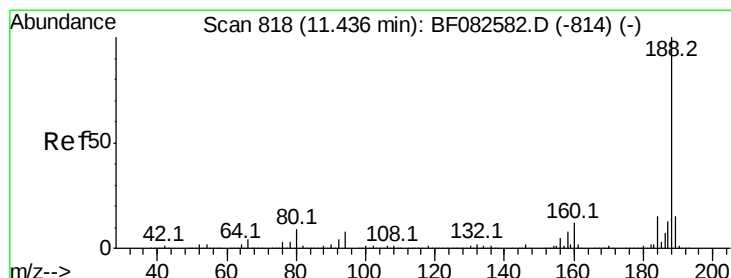
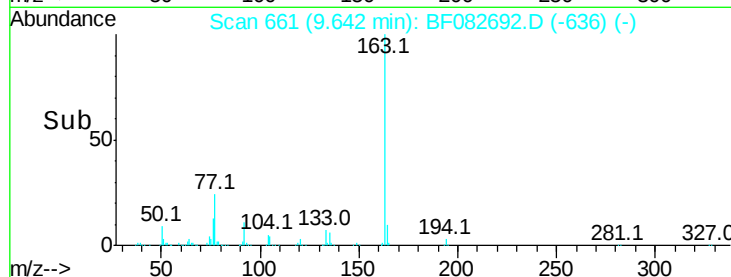
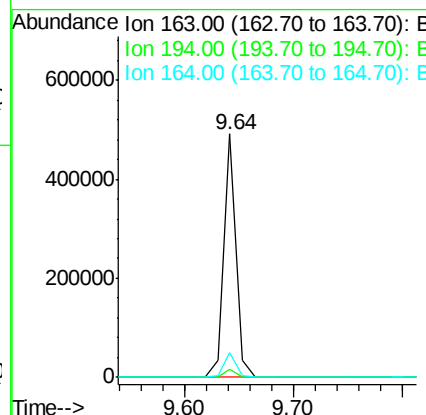
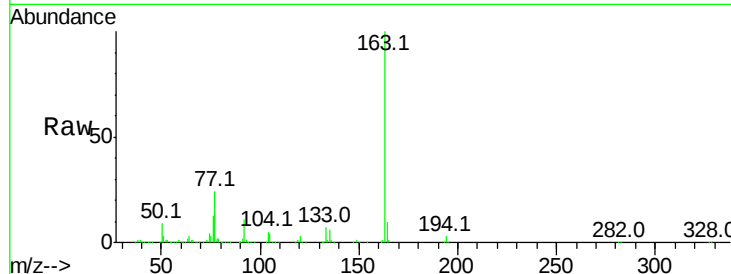




#49
Dimethylphthalate
Concen: 16.20 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF082692.D
Acq: 4 Nov 2015 9:11

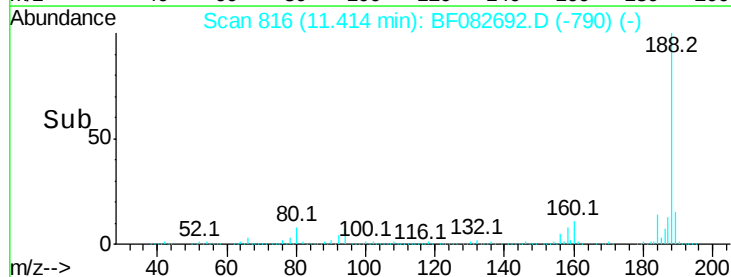
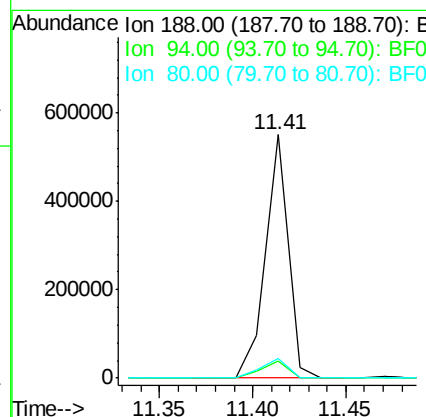
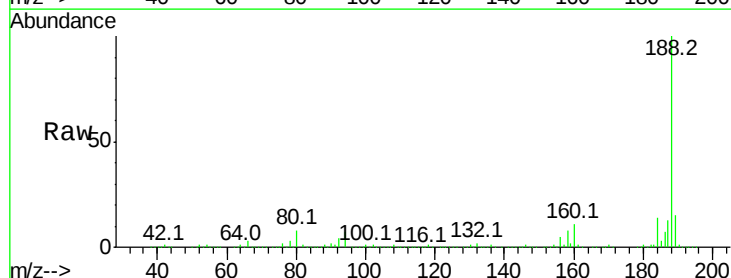
Instrument :
BNA_F
ClientSampleId :
SB-12(2-4)

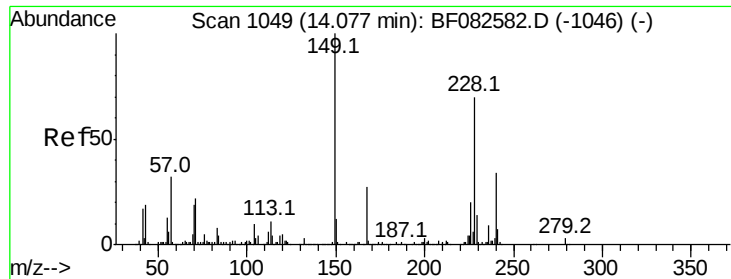
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.3	8.7	13.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF082692.D
Acq: 4 Nov 2015 9:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.1	9.1
80	8.1	7.0	10.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF082692.D

Acq: 4 Nov 2015 9:11

Instrument :

BNA_F

ClientSampleId :

SB-12(2-4)

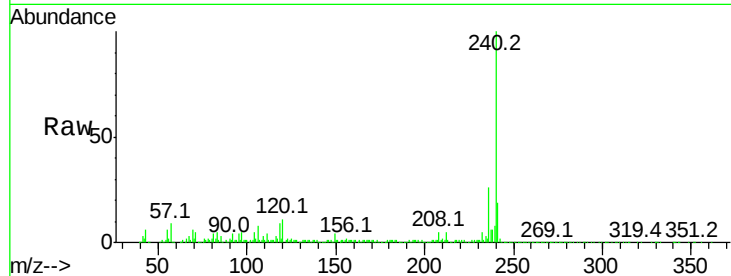
Tot Ion:240 Resp: 359792

Ion Ratio Lower Upper

240 100

120 10.7 10.9 16.3#

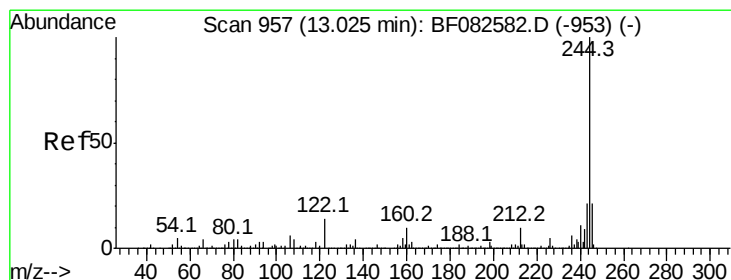
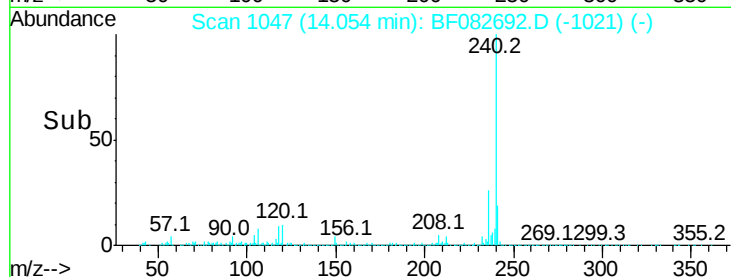
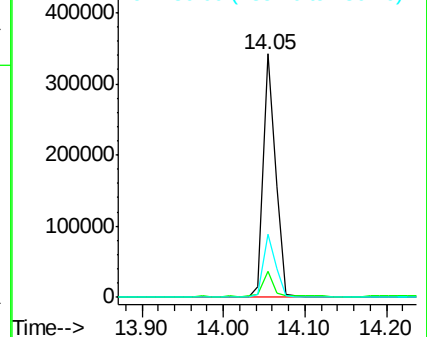
236 26.0 21.6 32.4



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: 53.52 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF082692.D

Acq: 4 Nov 2015 9:11

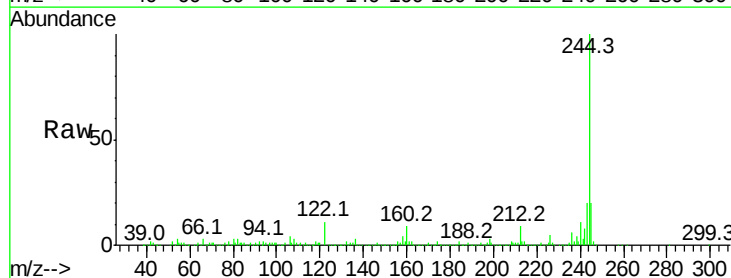
Tgt Ion:244 Resp: 879917

Ion Ratio Lower Upper

244 100

212 8.6 7.6 11.4

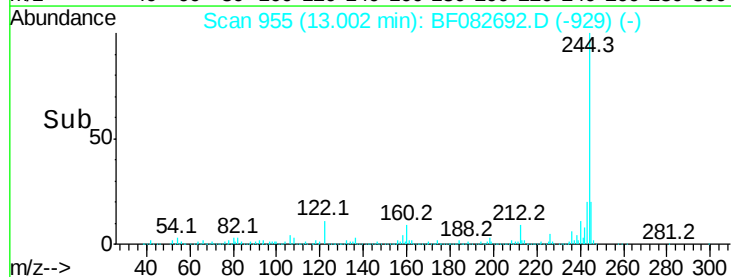
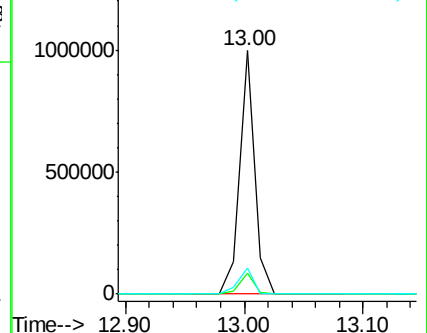
122 10.6 11.3 16.9#

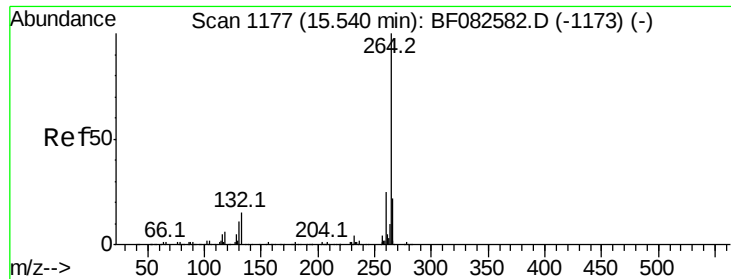


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.53 min Scan# 1176
 Delta R.T. 0.02 min
 Lab File: BF082692.D
 Acq: 4 Nov 2015 9:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(2-4)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.6
265	21.3	17.4	26.0

