

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110615\
 Data File : BF082721.D
 Acq On : 5 Nov 2015 11:14
 Operator : UM/IZ
 Sample : G4241-15
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-09(12-14)

Quant Time: Nov 06 02:17:13 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

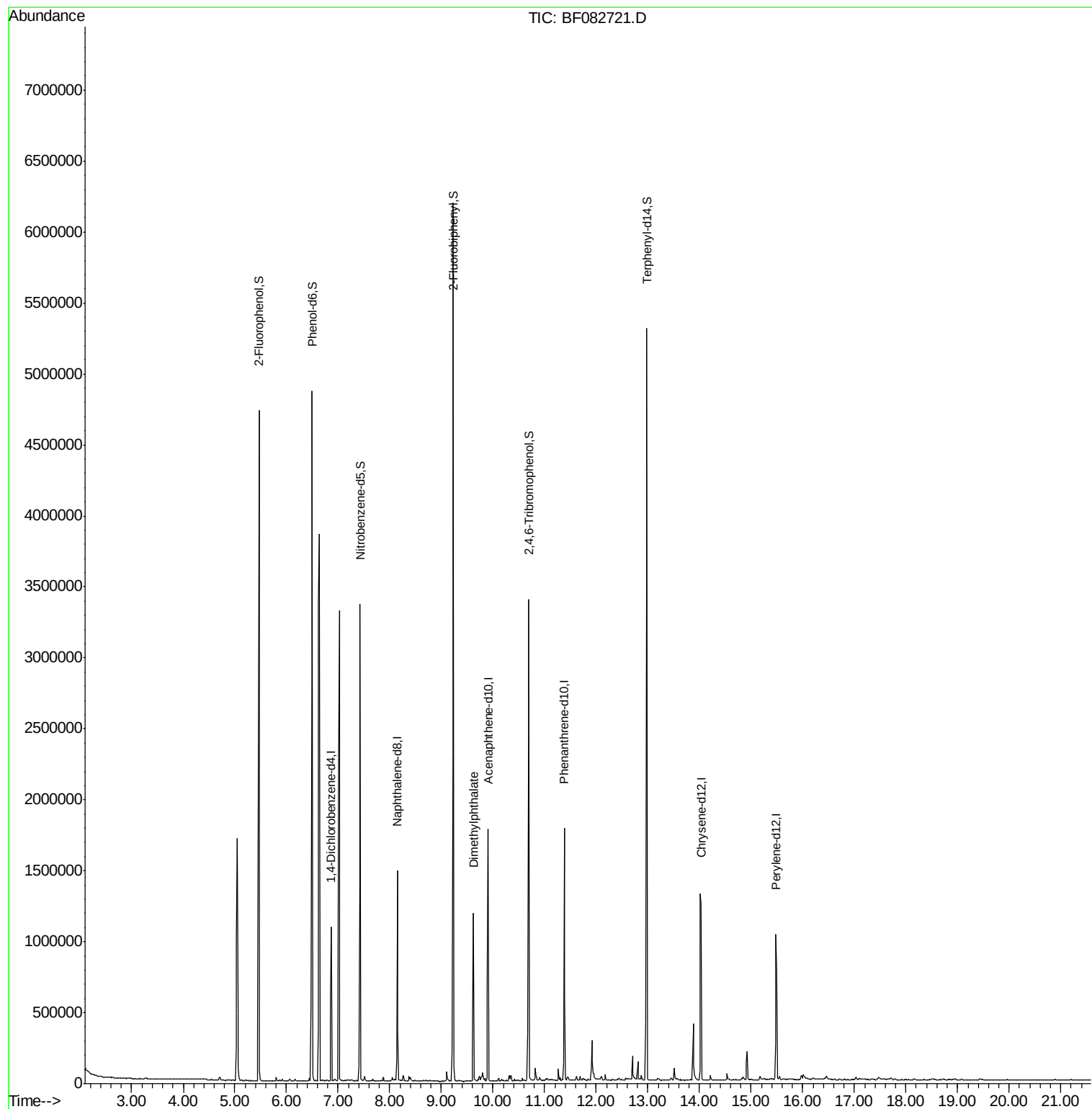
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	176345	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	626934	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	370195	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	667817	20.00	ng	-0.03
75) Chrysene-d12	14.03	240	701587	20.00	ng	-0.02
86) Perylene-d12	15.48	264	593519	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1319803	112.72	ng	0.00
7) Phenol-d6	6.50	99	1907370	122.62	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1176151	76.61	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	537897	132.77	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1904627	73.05	ng	-0.02
78) Terphenyl-d14	12.98	244	2091072	65.23	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.62	163	427133	14.13	ng	Qvalue 99

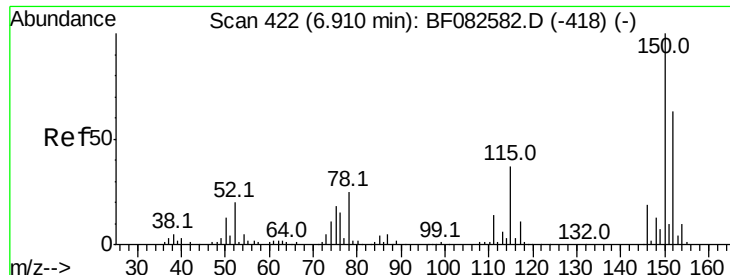
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF082721.D

Acq: 5 Nov 2015 11:14

Instrument :

BNA_F

ClientSampleId :

SB-09(12-14)

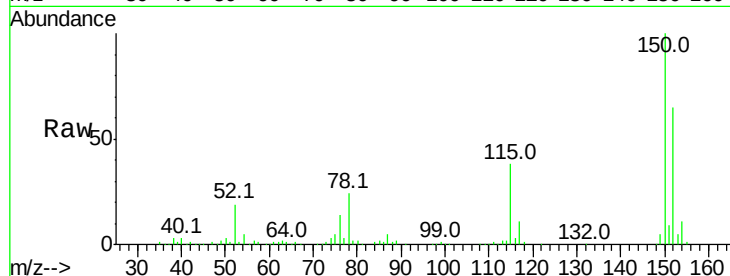
Tot Ion:152 Resp: 176345

Ion Ratio Lower Upper

152 100

150 153.4 127.0 190.4

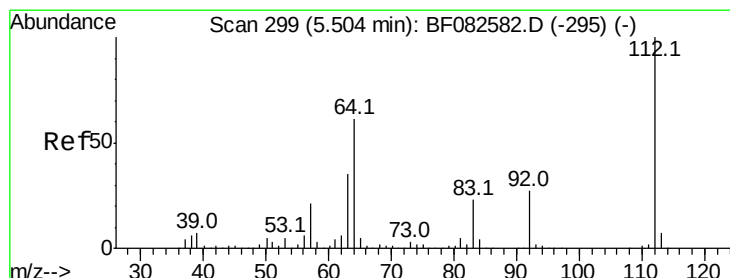
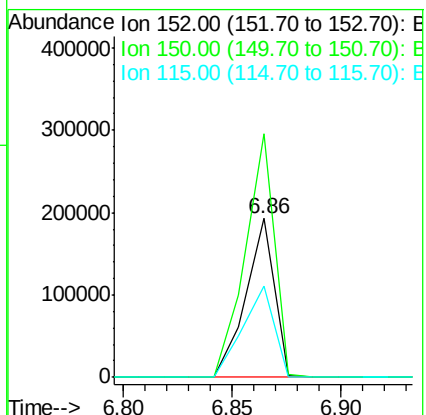
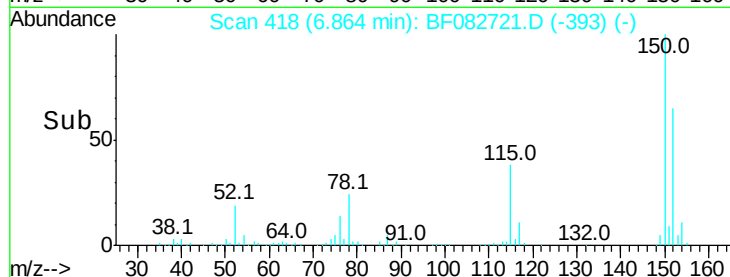
115 57.6 47.0 70.6



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: 112.72 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.00 min

Lab File: BF082721.D

Acq: 5 Nov 2015 11:14

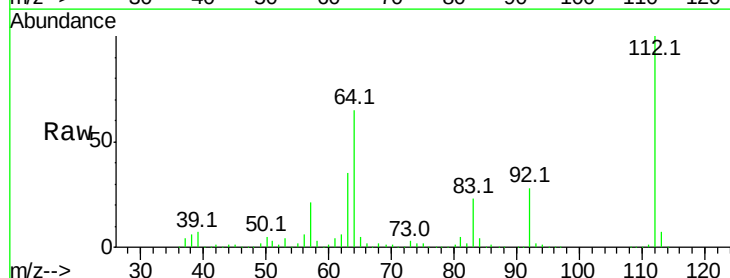
Tgt Ion:112 Resp: 1319803

Ion Ratio Lower Upper

112 100

64 64.8 48.9 73.3

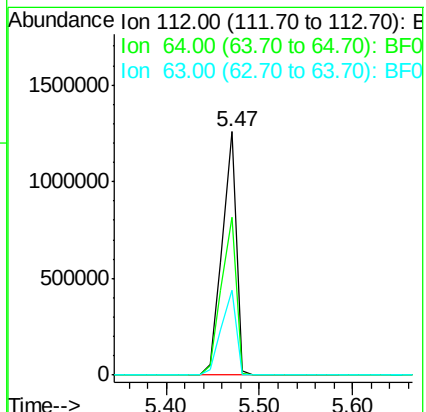
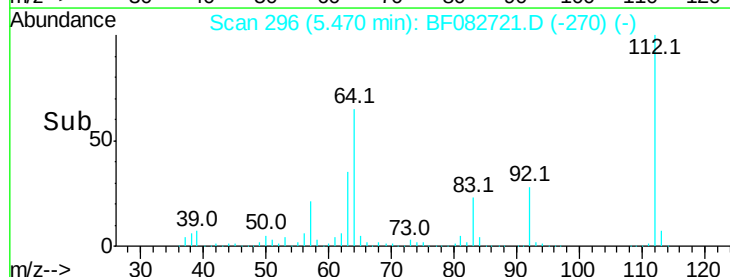
63 35.1 28.1 42.1

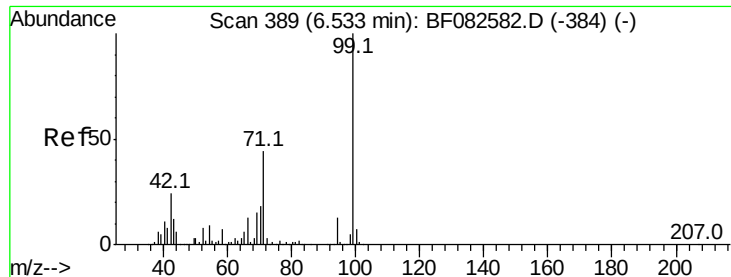


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.62 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082721.D

Acq: 5 Nov 2015 11:14

Instrument :

BNA_F

ClientSampleId :

SB-09(12-14)

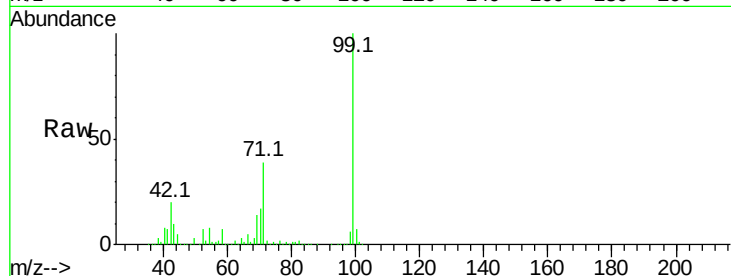
Tot Ion: 99 Resp: 1907370

Ion Ratio Lower Upper

99 100

42 19.5 19.2 28.8

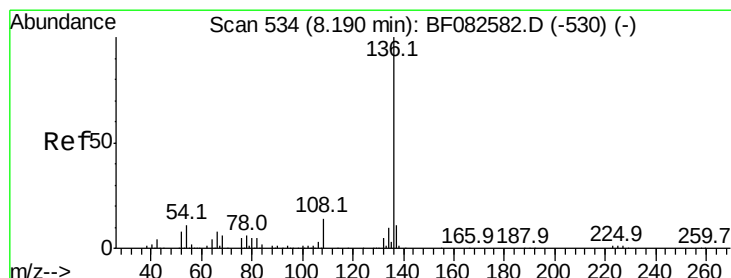
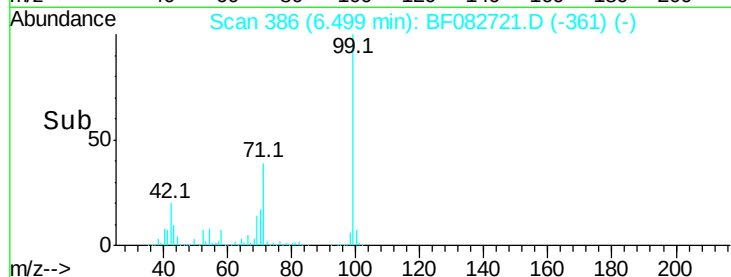
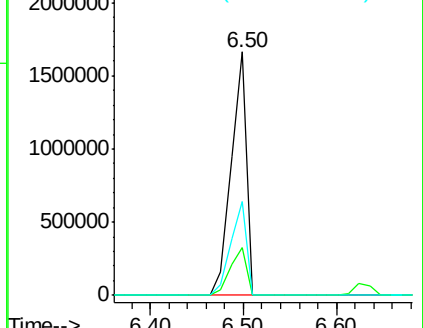
71 38.7 35.0 52.4



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: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF082721.D

Acq: 5 Nov 2015 11:14

Tgt Ion: 136 Resp: 626934

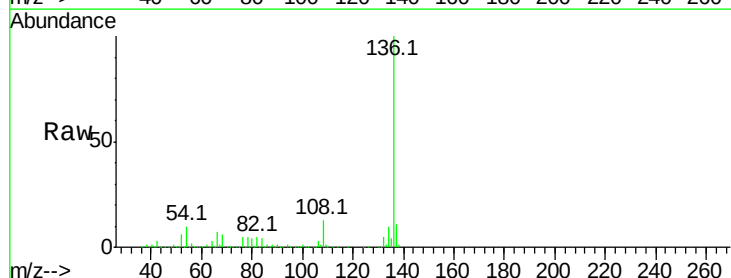
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 9.7 9.1 13.7

68 6.2 4.8 7.2

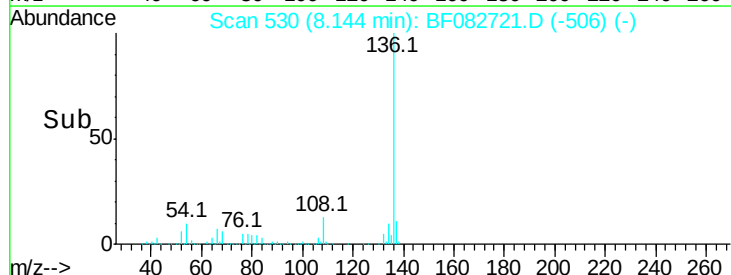
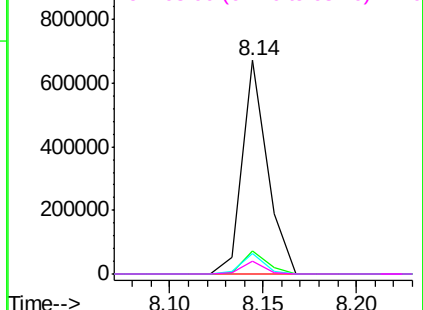


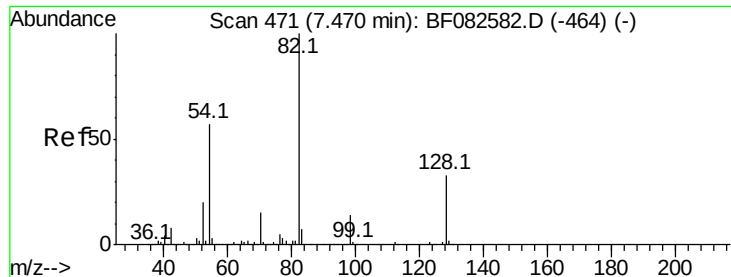
Abundance Ion 136.00 (135.70 to 136.70): E

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

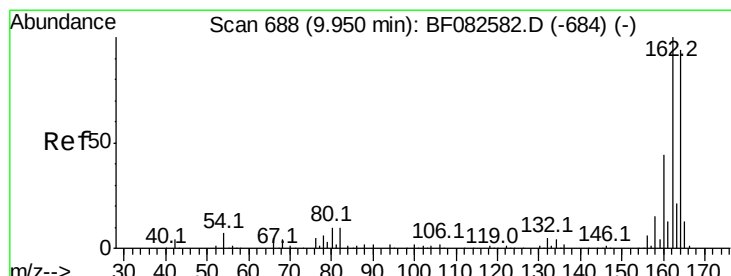
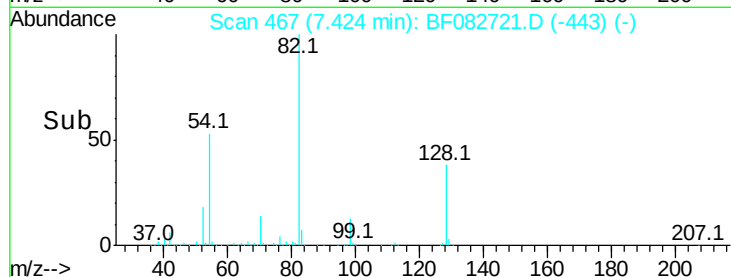
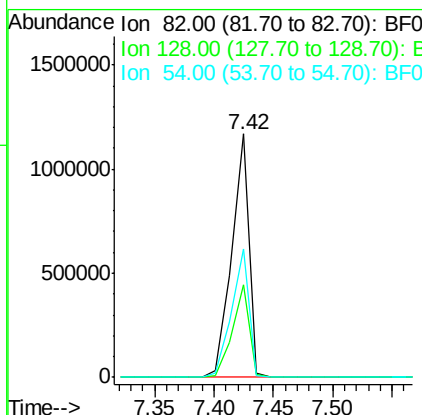
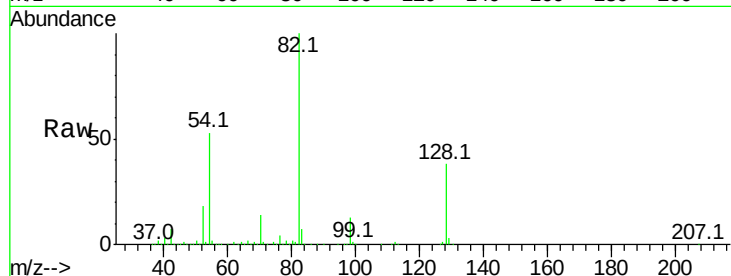




#23
Nitrobenzene-d5
Concen: 76.61 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.02 min
Lab File: BF082721.D
Acq: 5 Nov 2015 11:14

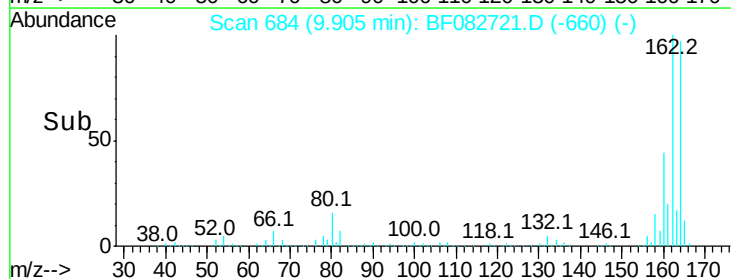
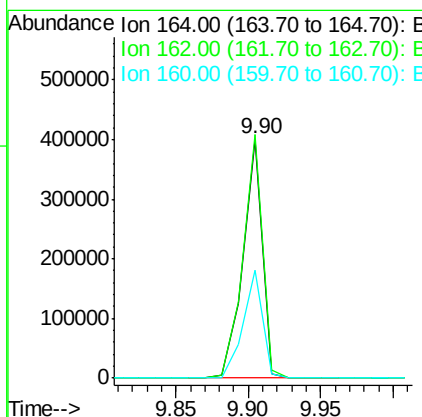
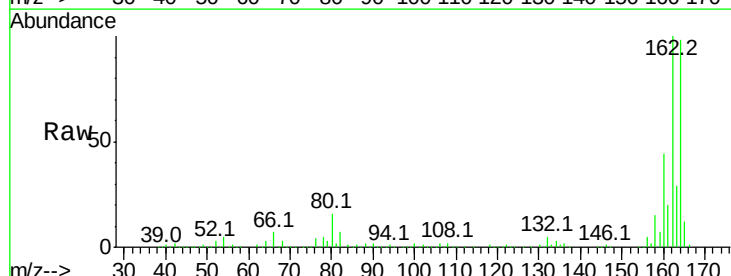
Instrument :
BNA_F
ClientSampleId :
SB-09(12-14)

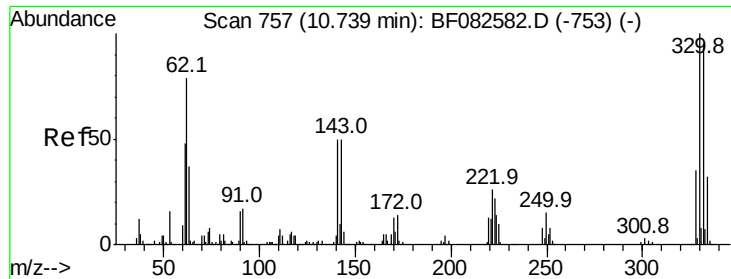
Tot Ion: 82 Resp: 1176151
Ion Ratio Lower Upper
82 100
128 38.0 26.8 40.2
54 52.6 45.7 68.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF082721.D
Acq: 5 Nov 2015 11:14

Tgt Ion: 164 Resp: 370195
Ion Ratio Lower Upper
164 100
162 102.0 84.9 127.3
160 45.2 37.5 56.3

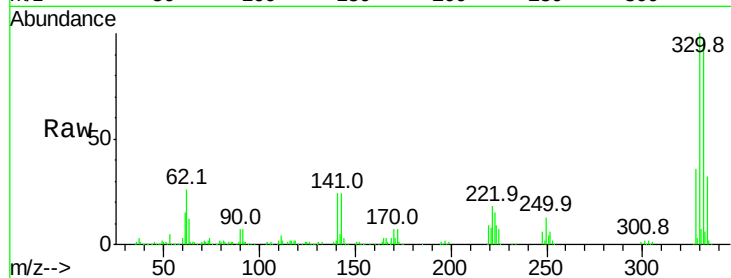




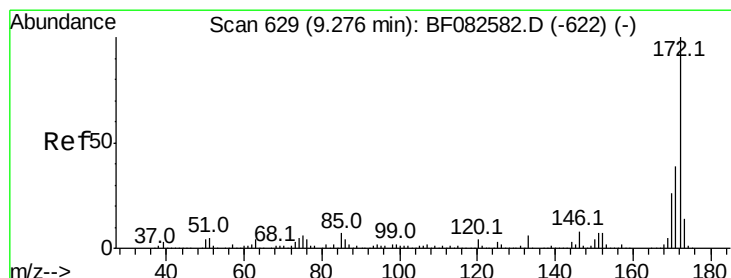
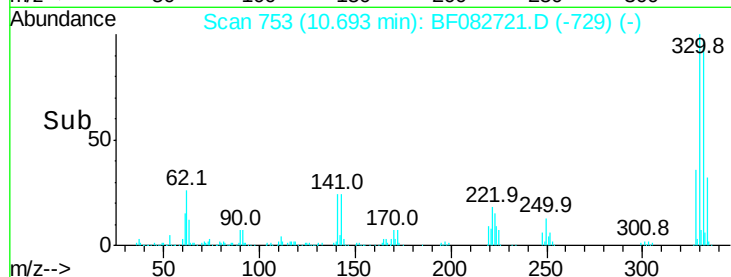
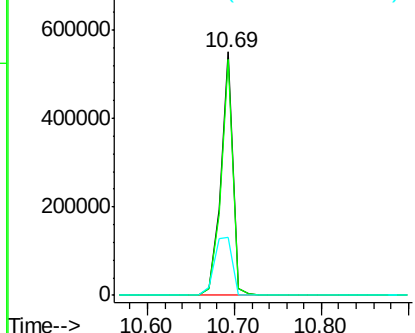
#41
 2,4,6-Tribromophenol
 Concen: 132.77 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF082721.D
 Acq: 5 Nov 2015 11:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-09(12-14)

Tot Ion:330 Resp: 537897
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 35.7 41.2 61.8#

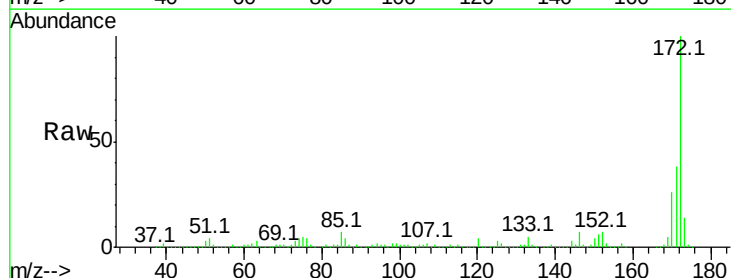


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

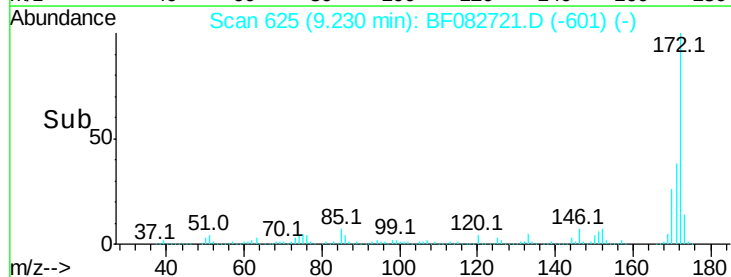
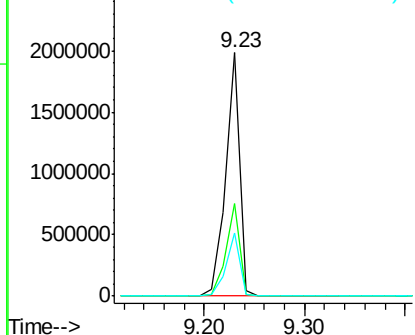


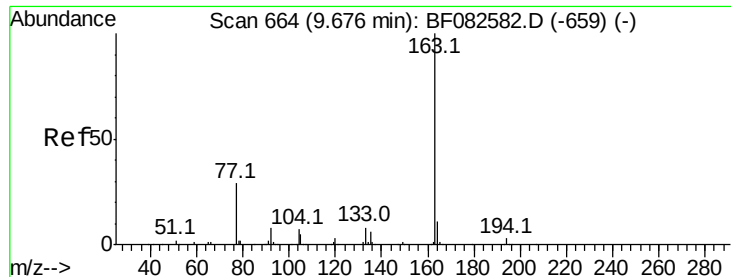
#44
 2-Fluorobiphenyl
 Concen: 73.05 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082721.D
 Acq: 5 Nov 2015 11:14

Tgt Ion:172 Resp: 1904627
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.8 46.2
 170 25.9 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: 14.13 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF082721.D

Acq: 5 Nov 2015 11:14

Instrument :

BNA_F

ClientSampleId :

SB-09(12-14)

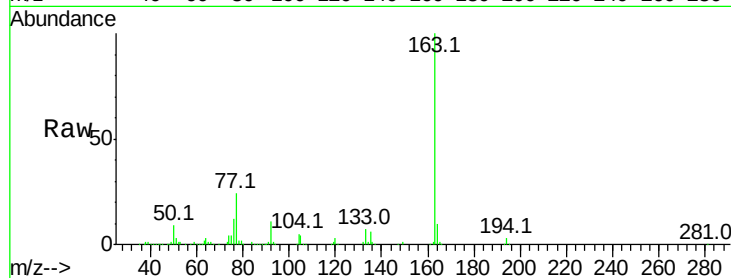
Tot Ion:163 Resp: 427133

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

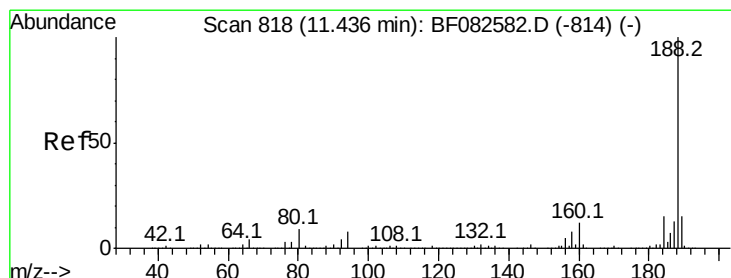
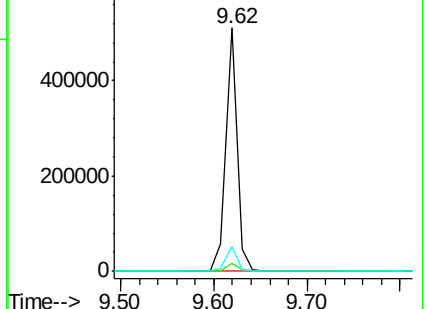
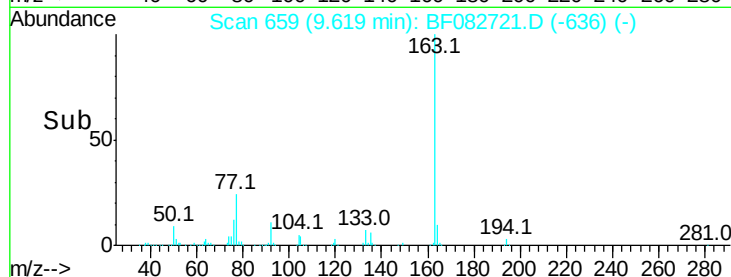
164 10.3 8.7 13.1



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: 11.38 min Scan# 813

Delta R.T. -0.03 min

Lab File: BF082721.D

Acq: 5 Nov 2015 11:14

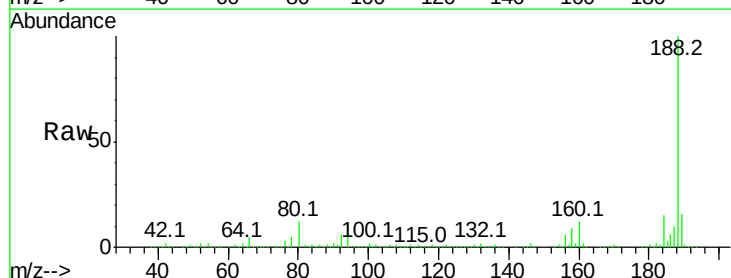
Tgt Ion:188 Resp: 667817

Ion Ratio Lower Upper

188 100

94 10.7 6.1 9.1#

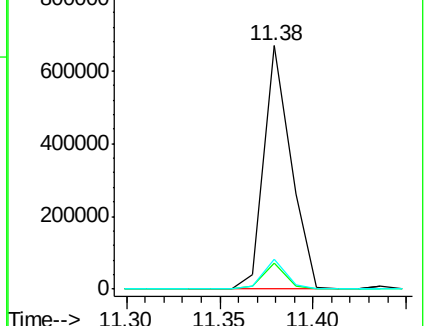
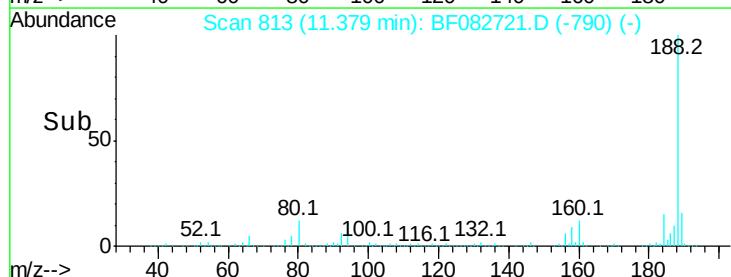
80 12.3 7.0 10.6#

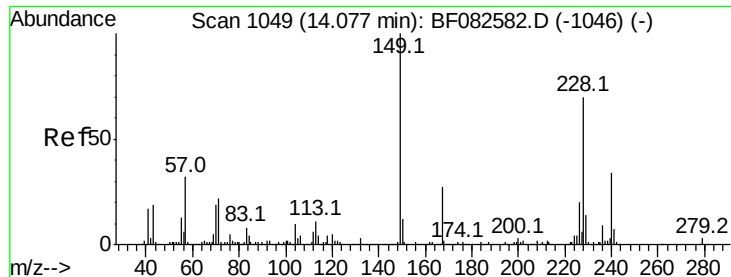


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF082721.D

Acq: 5 Nov 2015 11:14

Instrument :

BNA_F

ClientSampleId :

SB-09(12-14)

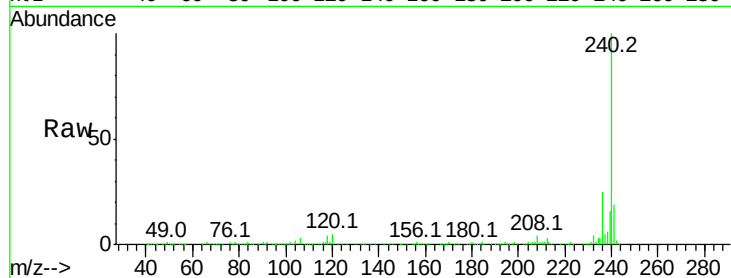
Tot Ion:240 Resp: 701587

Ion Ratio Lower Upper

240 100

120 4.6 10.9 16.3#

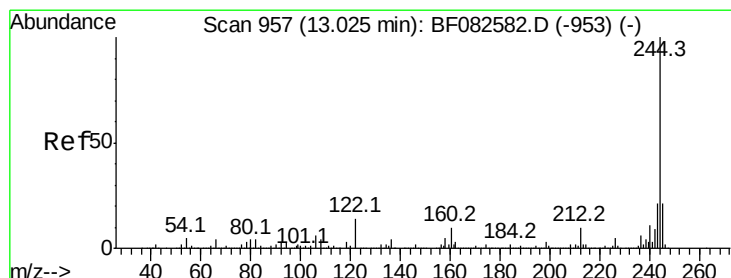
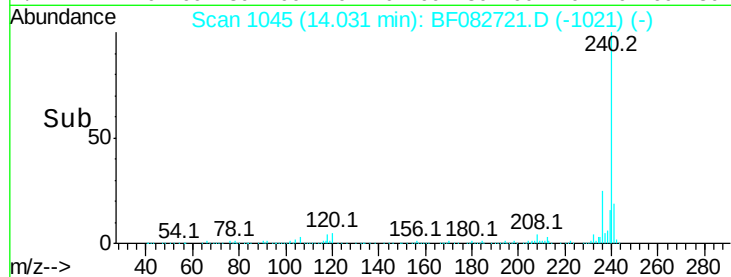
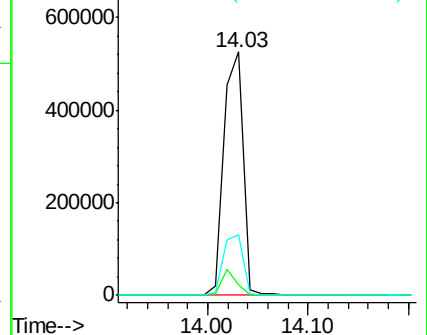
236 24.9 21.6 32.4



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: 65.23 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF082721.D

Acq: 5 Nov 2015 11:14

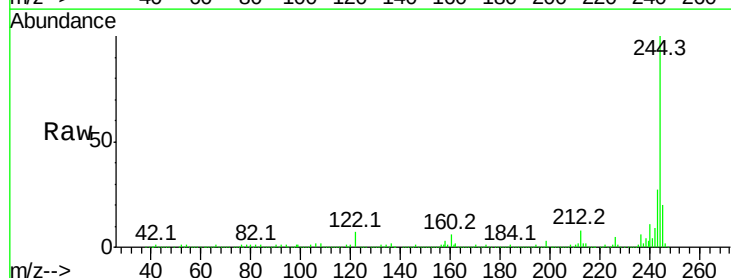
Tgt Ion:244 Resp: 2091072

Ion Ratio Lower Upper

244 100

212 7.9 7.6 11.4

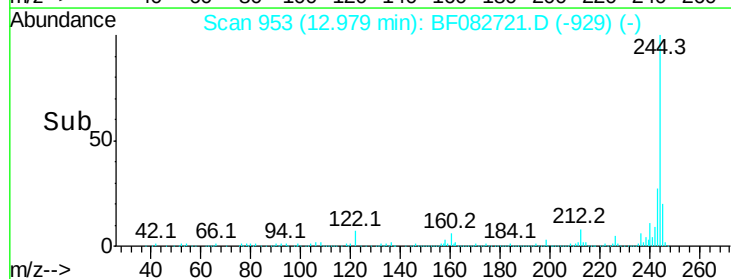
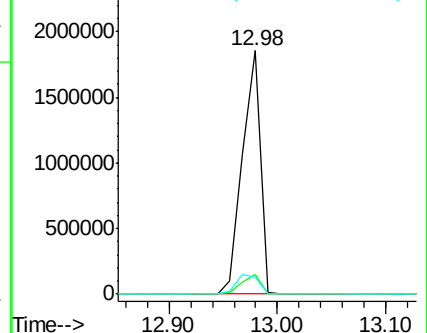
122 7.0 11.3 16.9#

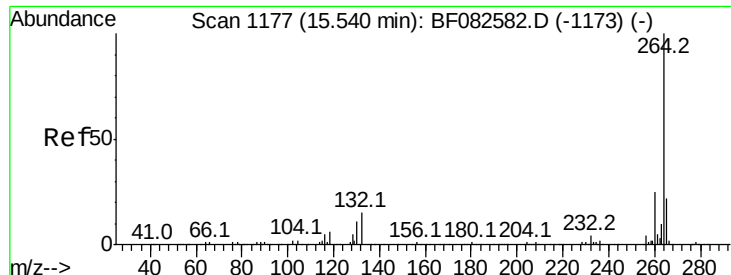


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

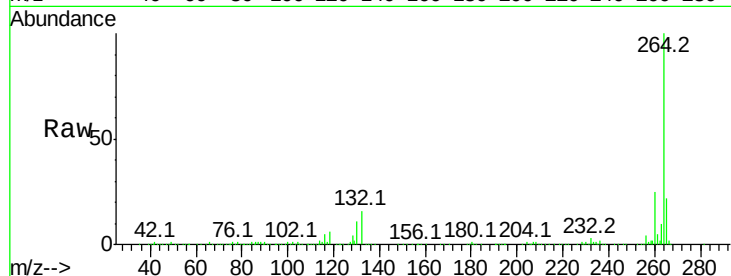




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF082721.D
Acq: 5 Nov 2015 11:14

Instrument :
BNA_F
ClientSampleId :
SB-09(12-14)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.6
265	21.7	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

