

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
 Data File : BF082714.D
 Acq On : 4 Nov 2015 21:38
 Operator : UM/IZ
 Sample : G4241-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13(10-12)

Quant Time: Nov 05 06:19:14 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

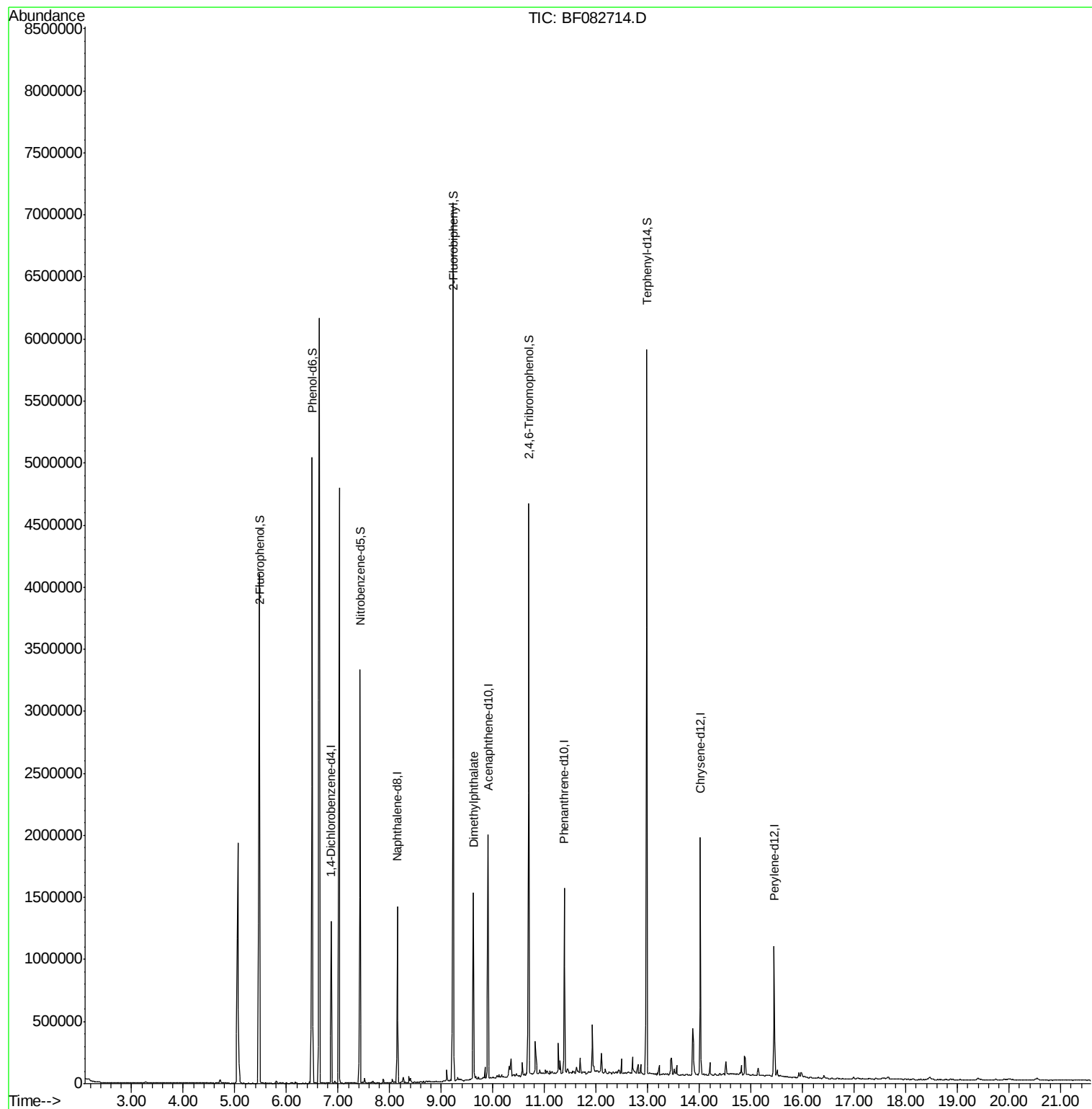
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	187320	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	671439	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	403614	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	669903	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	651788	20.00	ng	-0.03
86) Perylene-d12	15.45	264	477283	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1675871	134.75	ng	0.01
7) Phenol-d6	6.50	99	1891185	114.46	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1300939	79.12	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	565498	128.02	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	2164525	76.14	ng	-0.02
78) Terphenyl-d14	12.98	244	2188618	73.49	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.62	163	542282	16.45	ng	99

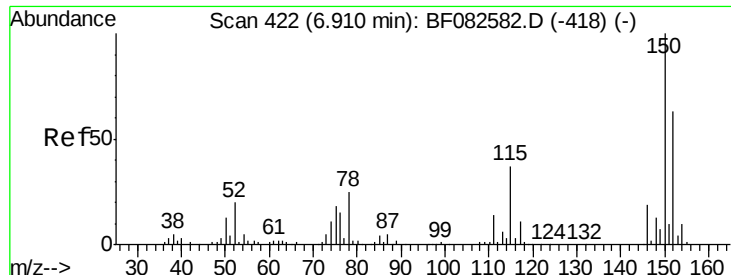
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF082714.D

Acq: 4 Nov 2015 21:38

Instrument :

BNA_F

ClientSampleId :

SB-13(10-12)

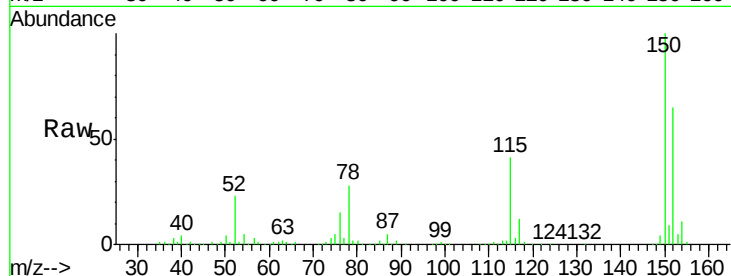
Tot Ion:152 Resp: 187320

Ion Ratio Lower Upper

152 100

150 153.3 127.0 190.4

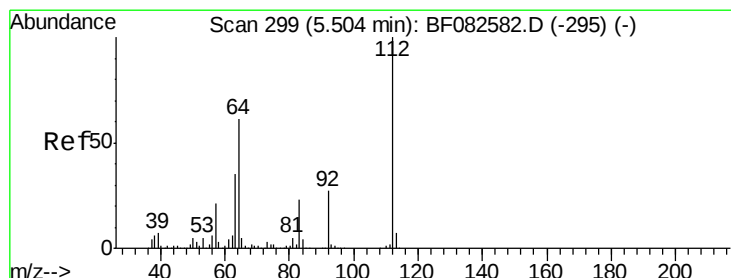
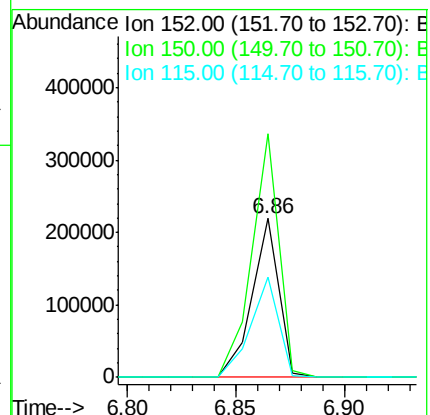
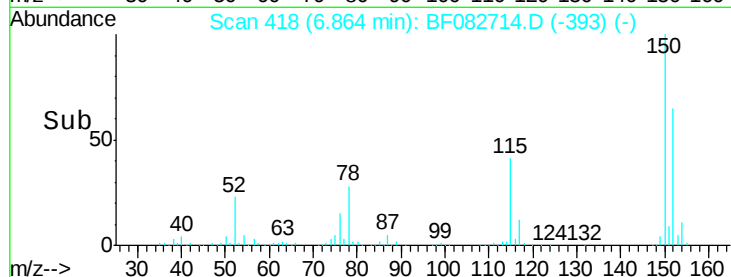
115 62.9 47.0 70.6



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: 134.75 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF082714.D

Acq: 4 Nov 2015 21:38

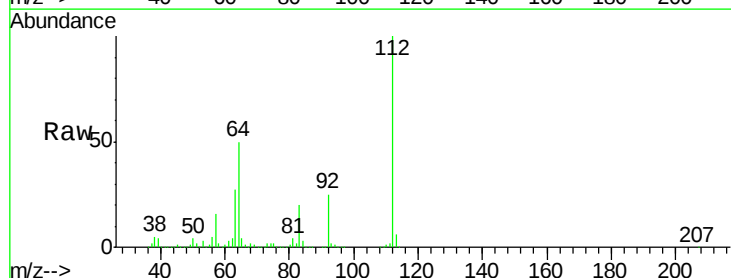
Tgt Ion:112 Resp: 1675871

Ion Ratio Lower Upper

112 100

64 50.1 48.9 73.3

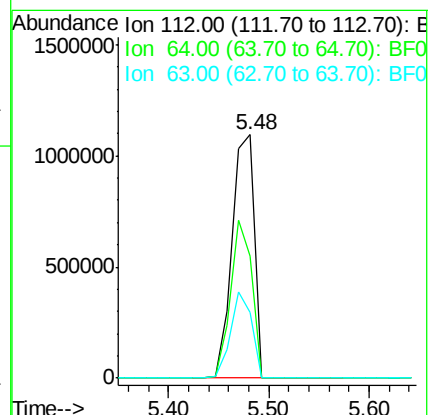
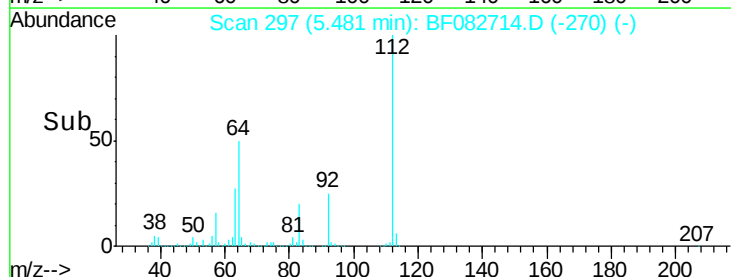
63 27.0 28.1 42.1#



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: 114.46 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082714.D

Acq: 4 Nov 2015 21:38

Instrument :

BNA_F

ClientSampleId :

SB-13(10-12)

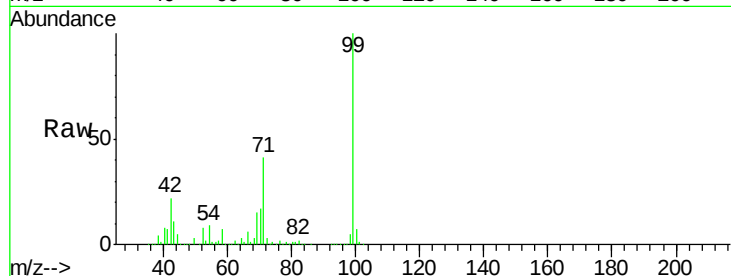
Tot Ion: 99 Resp: 1891185

Ion Ratio Lower Upper

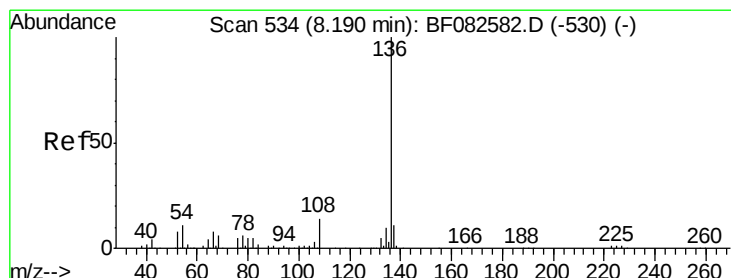
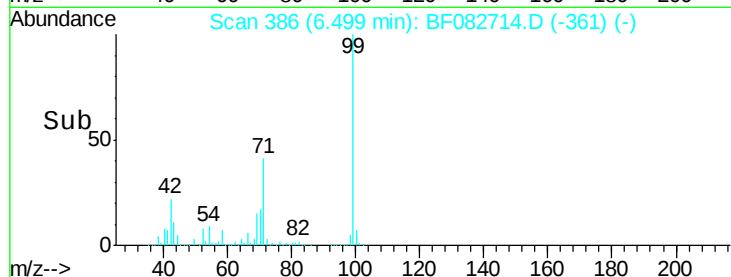
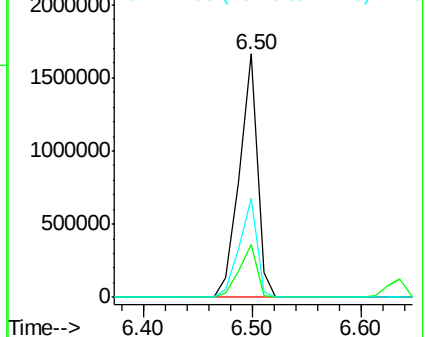
99 100

42 21.8 19.2 28.8

71 40.9 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: BF082714.D

Acq: 4 Nov 2015 21:38

Tgt Ion: 136 Resp: 671439

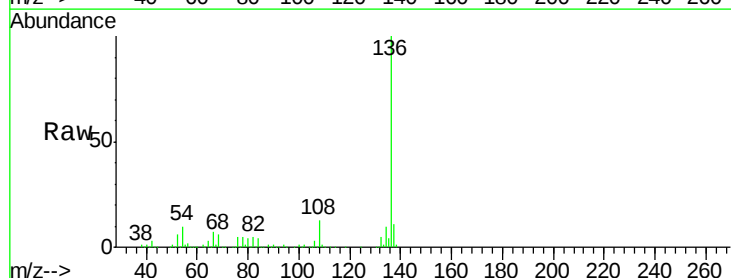
Ion Ratio Lower Upper

136 100

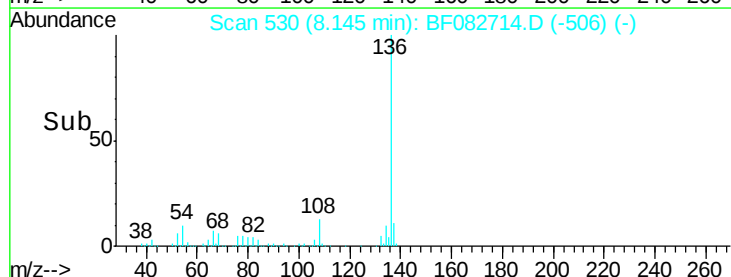
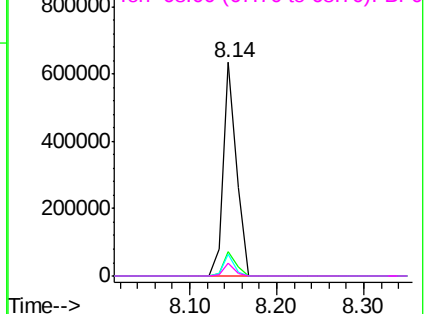
137 11.2 9.1 13.7

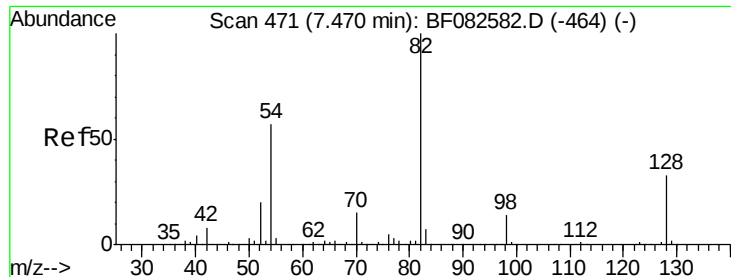
54 10.3 9.1 13.7

68 6.0 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

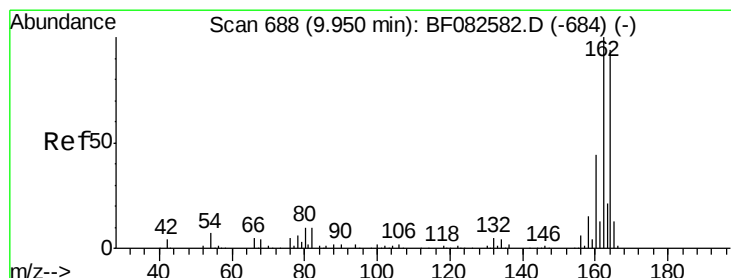
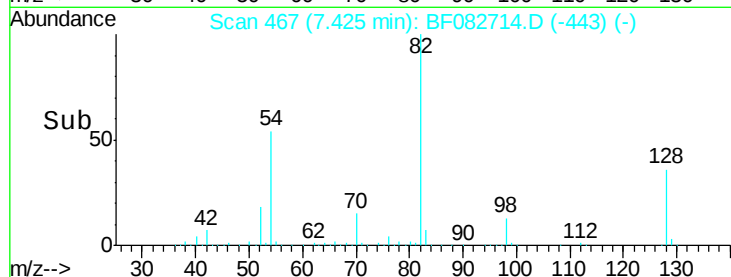
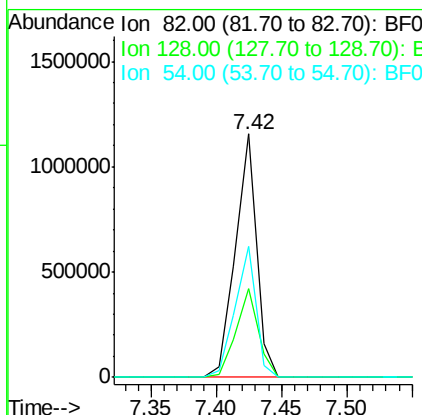
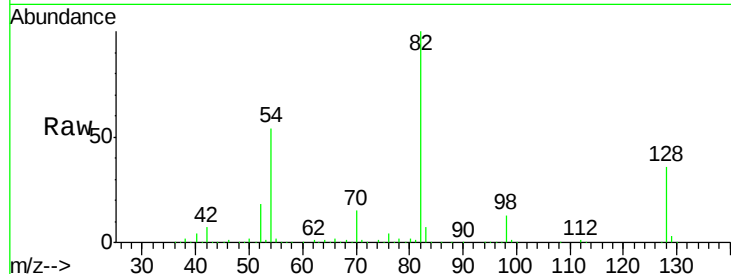




#23
 Nitrobenzene-d5
 Concen: 79.12 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF082714.D
 Acq: 4 Nov 2015 21:38

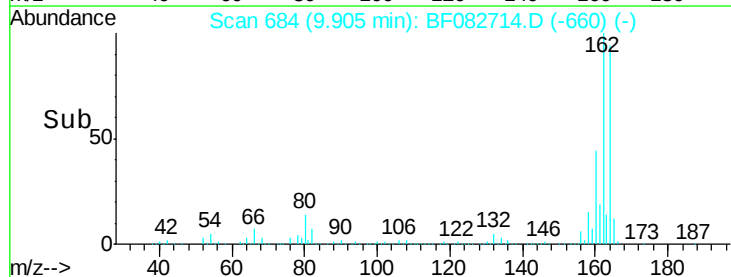
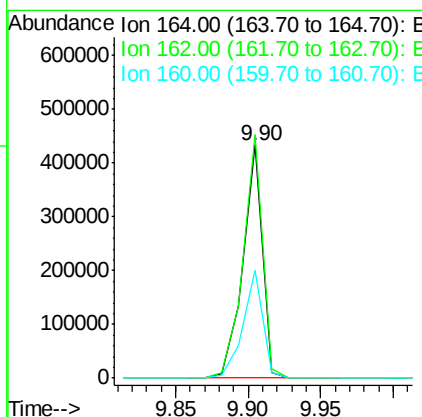
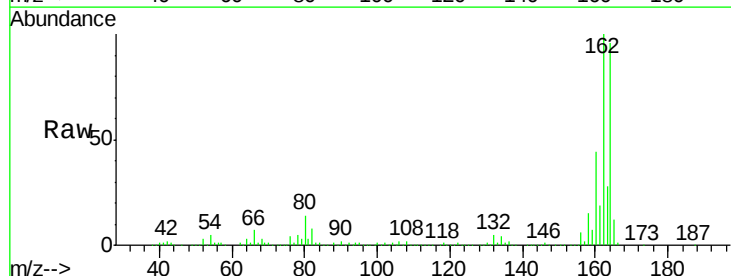
Instrument :
 BNA_F
 ClientSampleId :
 SB-13(10-12)

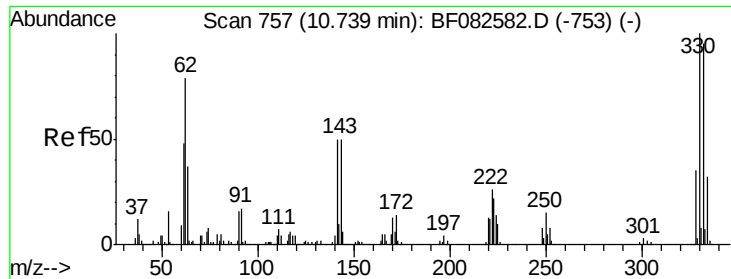
Tot Ion: 82 Resp: 1300939
 Ion Ratio Lower Upper
 82 100
 128 36.4 26.8 40.2
 54 53.7 45.7 68.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF082714.D
 Acq: 4 Nov 2015 21:38

Tgt Ion:164 Resp: 403614
 Ion Ratio Lower Upper
 164 100
 162 104.6 84.9 127.3
 160 46.4 37.5 56.3

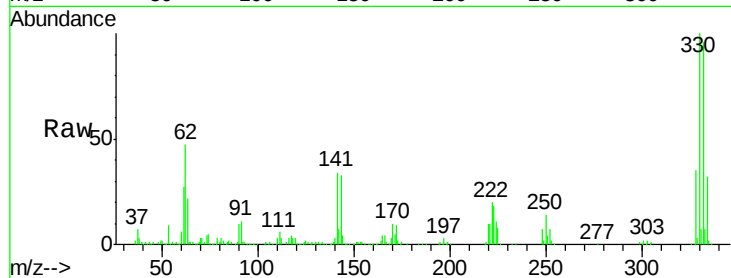




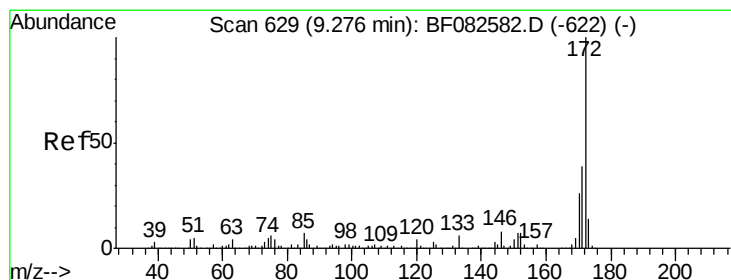
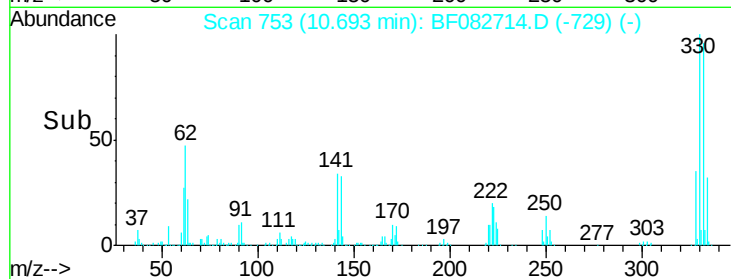
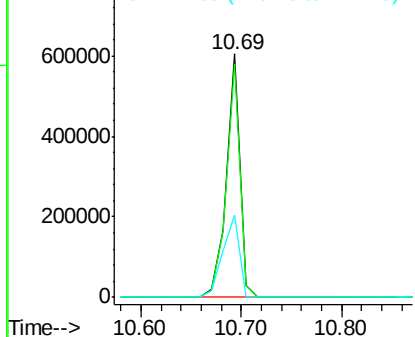
#41
 2,4,6-Tribromophenol
 Concen: 128.02 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF082714.D
 Acq: 4 Nov 2015 21:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-13(10-12)

Tot Ion:330 Resp: 565498
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 41.7 41.2 61.8

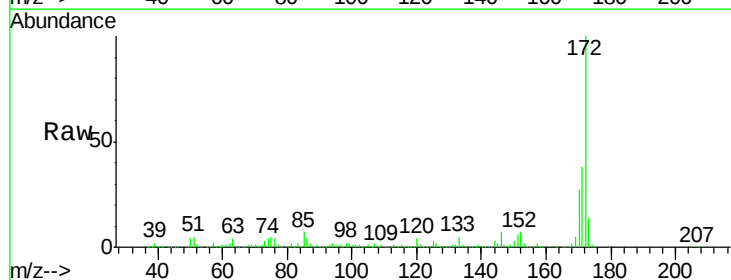


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

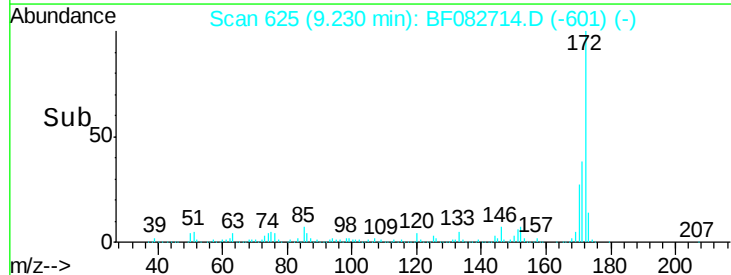
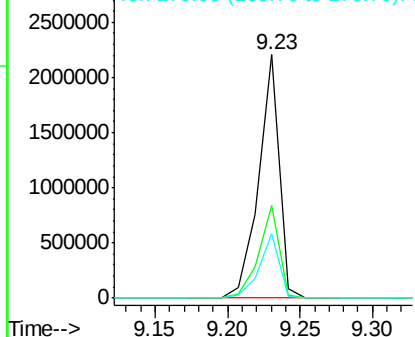


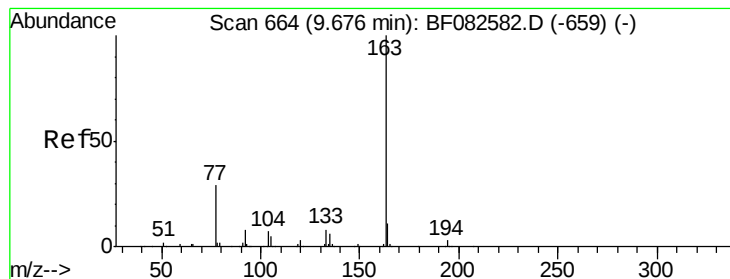
#44
 2-Fluorobiphenyl
 Concen: 76.14 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082714.D
 Acq: 4 Nov 2015 21:38

Tgt Ion:172 Resp: 2164525
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.8 46.2
 170 26.5 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: 16.45 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF082714.D

Acq: 4 Nov 2015 21:38

Instrument :

BNA_F

ClientSampleId :

SB-13(10-12)

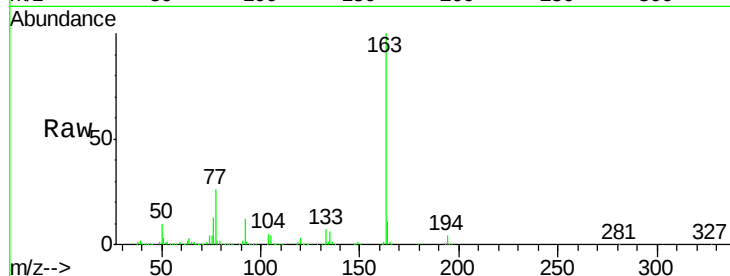
Tot Ion:163 Resp: 542282

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

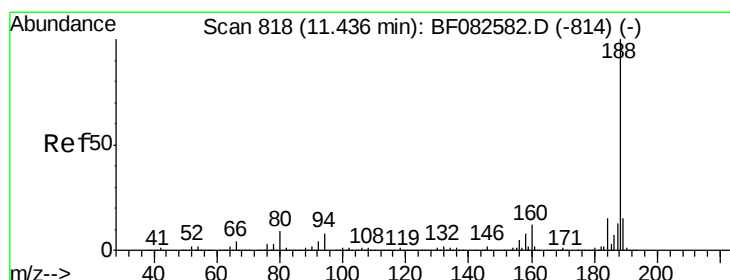
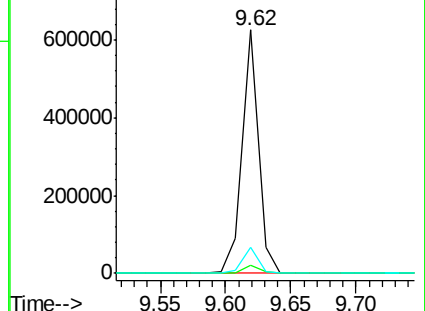
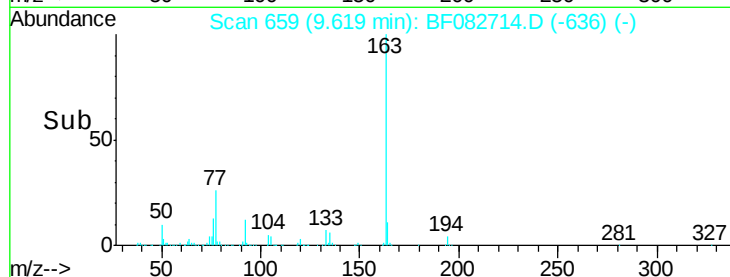
164 10.6 8.7 13.1



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: BF082714.D

Acq: 4 Nov 2015 21:38

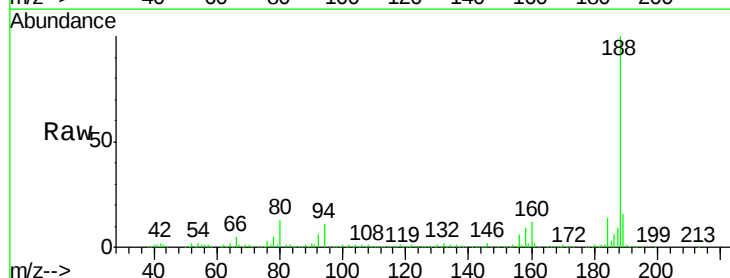
Tgt Ion:188 Resp: 669903

Ion Ratio Lower Upper

188 100

94 10.8 6.1 9.1#

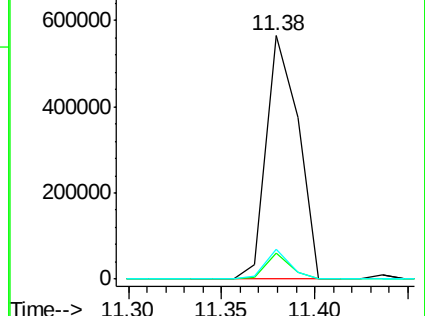
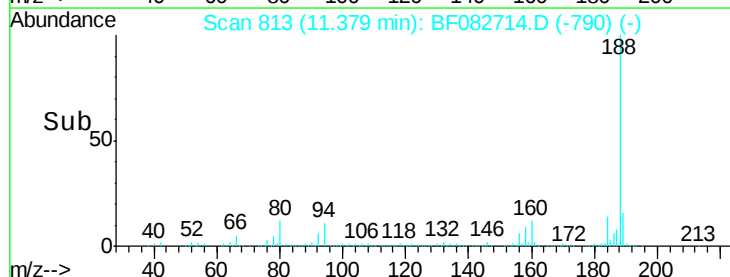
80 12.5 7.0 10.6#

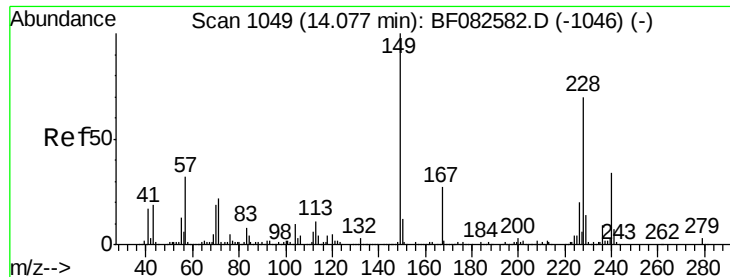


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF082714.D

Acq: 4 Nov 2015 21:38

Instrument :

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ClientSampleId :

SB-13(10-12)

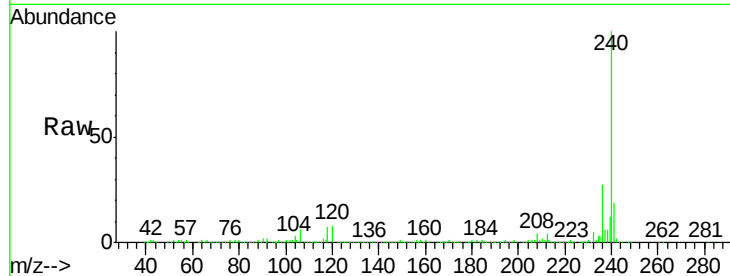
Tot Ion:240 Resp: 651788

Ion Ratio Lower Upper

240 100

120 8.0 10.9 16.3#

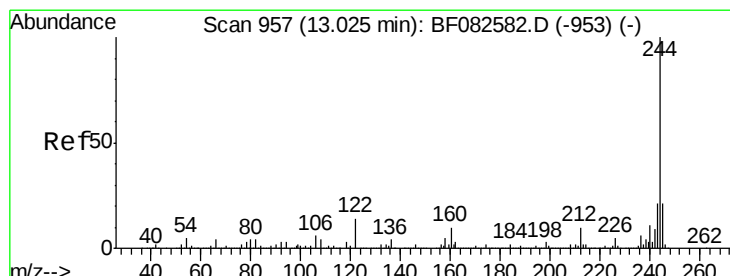
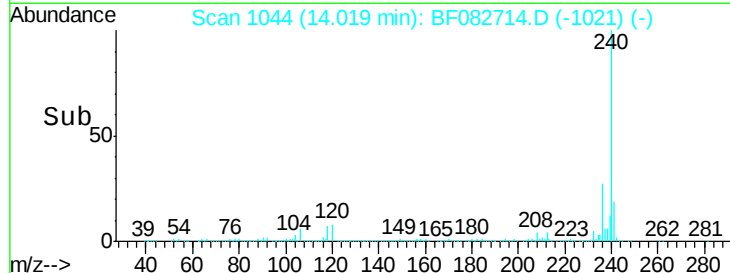
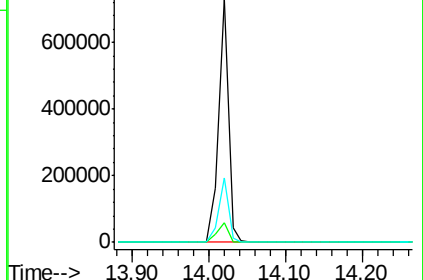
236 26.5 21.6 32.4



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: 73.49 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF082714.D

Acq: 4 Nov 2015 21:38

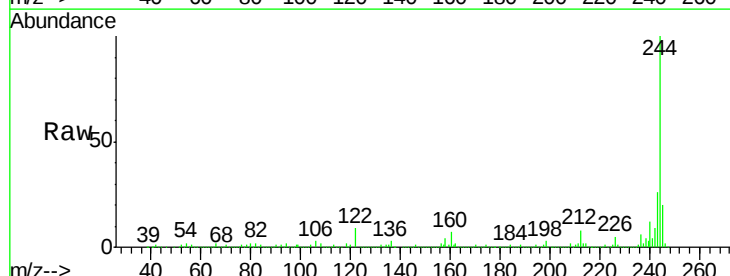
Tgt Ion:244 Resp: 2188618

Ion Ratio Lower Upper

244 100

212 8.3 7.6 11.4

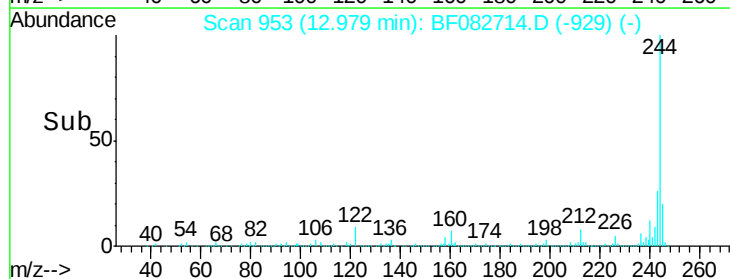
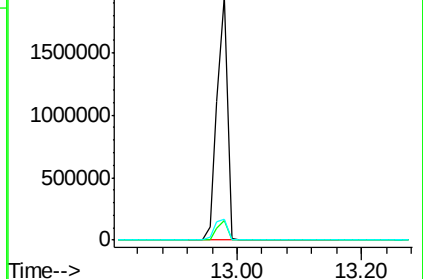
122 8.8 11.3 16.9#

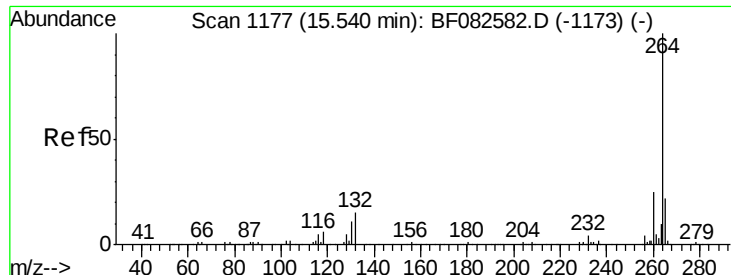


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.45 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BF082714.D
 Acq: 4 Nov 2015 21:38

Instrument :
 BNA_F
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Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.6
265	21.9	17.4	26.0

