

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
 Data File : BF082067.D
 Acq On : 6 Oct 2015 2:31
 Operator : UM/IZ
 Sample : G3891-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-10(0-24)

Quant Time: Oct 06 07:49:54 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 05 17:58:12 2015
 Response via : Initial Calibration

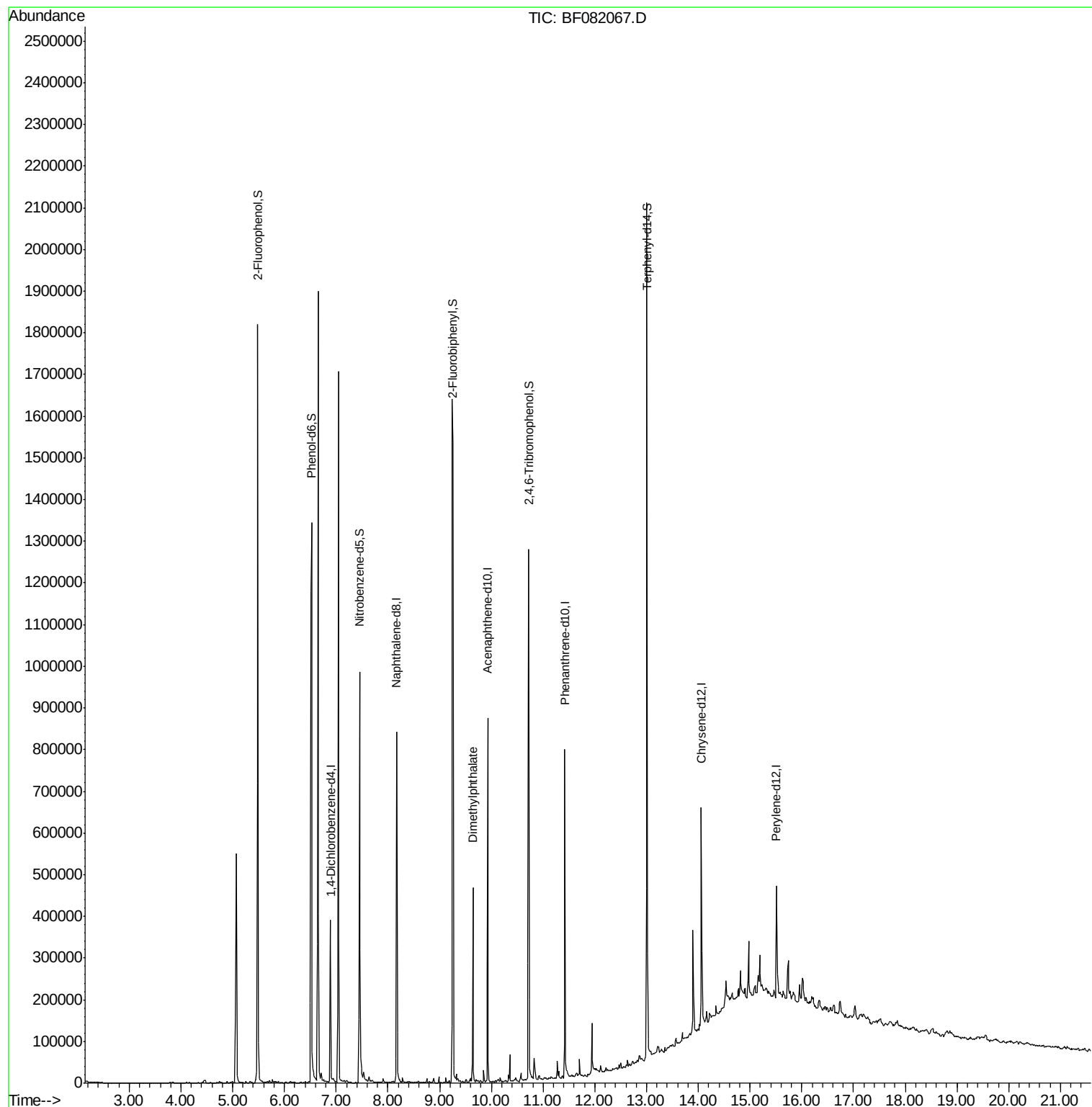
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	93987	20.00	ng	0.01
21) Naphthalene-d8	8.17	136	374370	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	180435	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	306149	20.00	ng	0.00
75) Chrysene-d12	14.06	240	228711	20.00	ng	0.00
86) Perylene-d12	15.51	264	162402	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	529702	102.31	ng	0.01
7) Phenol-d6	6.53	99	754510	115.81	ng	0.01
23) Nitrobenzene-d5	7.45	82	393858	70.13	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	156677	85.74	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	860363	78.64	ng	0.01
78) Terphenyl-d14	13.01	244	674094	100.01	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.65	163	179874	14.44	ng	Qvalue # 97

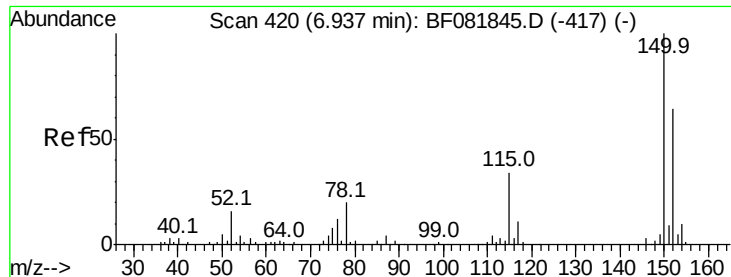
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF082067.D

Acq: 6 Oct 2015 2:31

Instrument :

BNA_F

ClientSampleId :

SS-10(0-24)

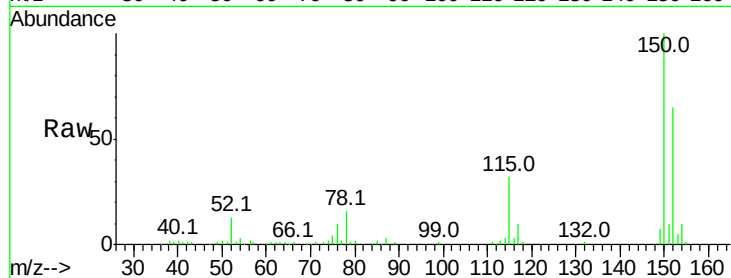
Tot Ion:152 Resp: 93987

Ion Ratio Lower Upper

152 100

150 153.6 124.7 187.1

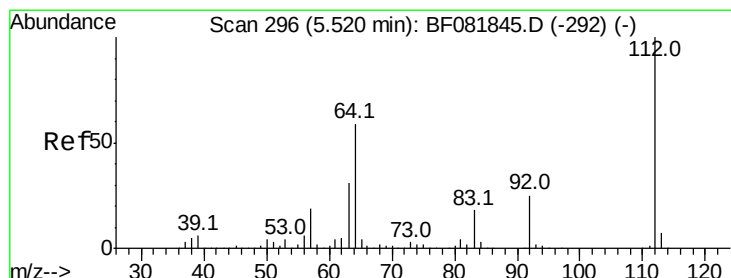
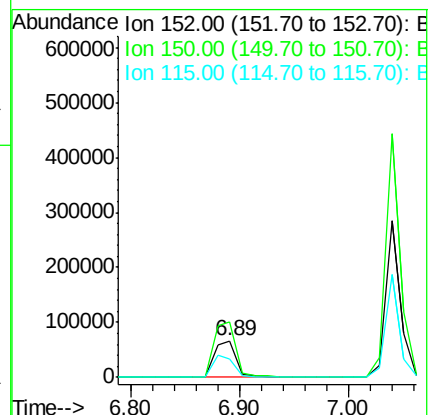
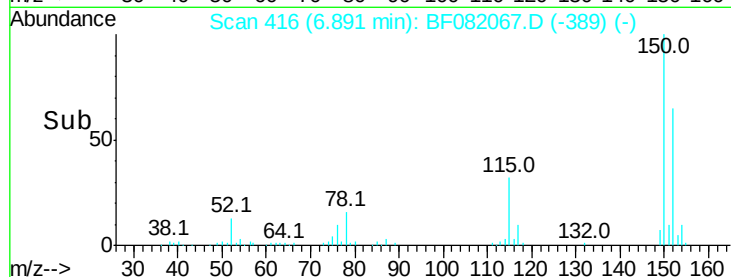
115 48.8 39.0 58.4



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: 102.31 ng

RT: 5.49 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF082067.D

Acq: 6 Oct 2015 2:31

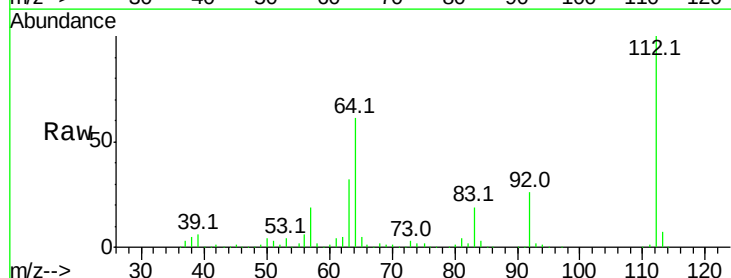
Tgt Ion:112 Resp: 529702

Ion Ratio Lower Upper

112 100

64 60.7 39.7 59.5#

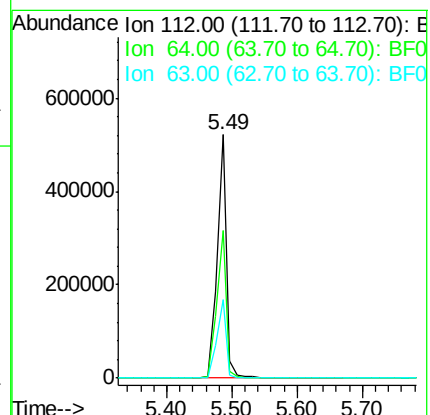
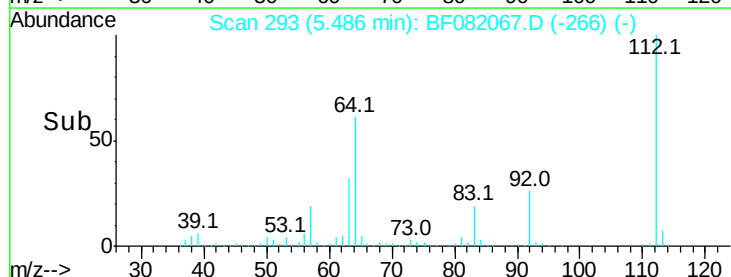
63 32.0 17.4 26.0#

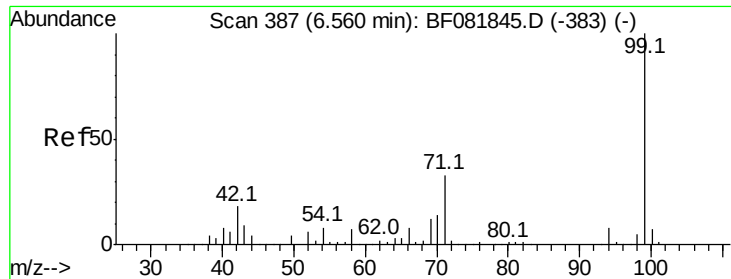


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.81 ng

RT: 6.53 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF082067.D

Acq: 6 Oct 2015 2:31

Instrument :

BNA_F

ClientSampleId :

SS-10(0-24)

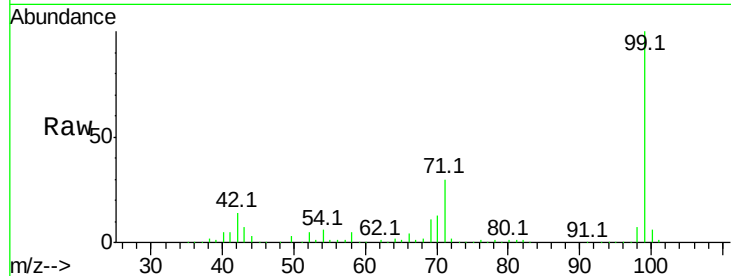
Tot Ion: 99 Resp: 754510

Ion Ratio Lower Upper

99 100

42 13.6 13.7 20.5#

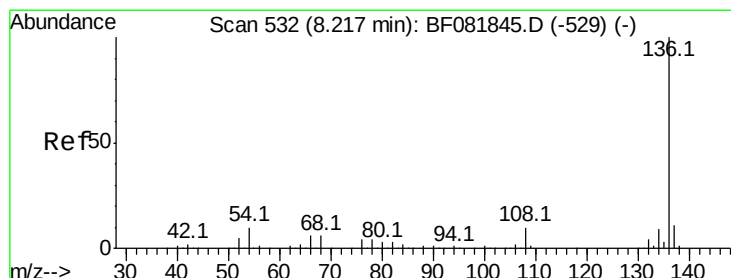
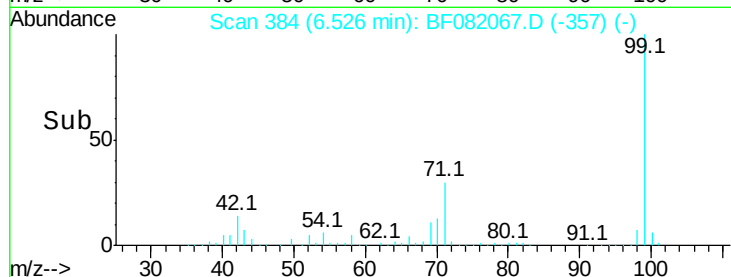
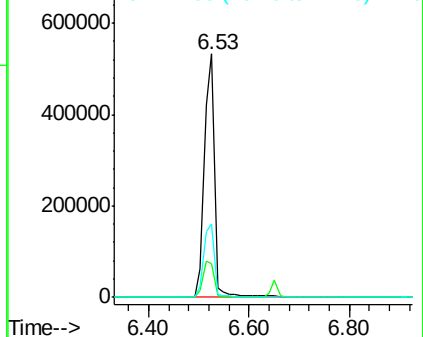
71 29.9 14.2 21.2#



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: 8.17 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF082067.D

Acq: 6 Oct 2015 2:31

Tgt Ion: 136 Resp: 374370

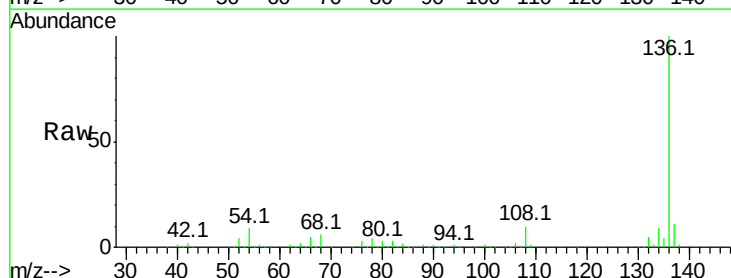
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 8.8 8.2 12.2

68 5.6 5.8 8.6#

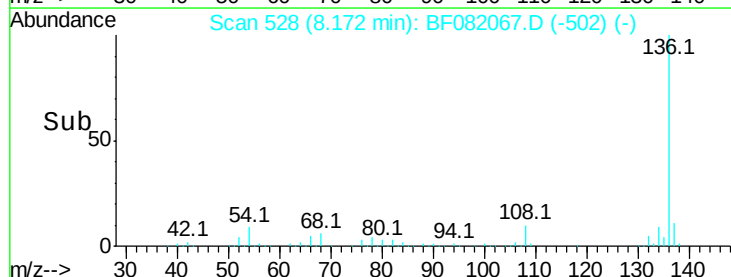
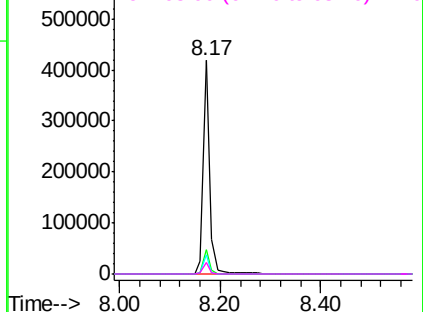


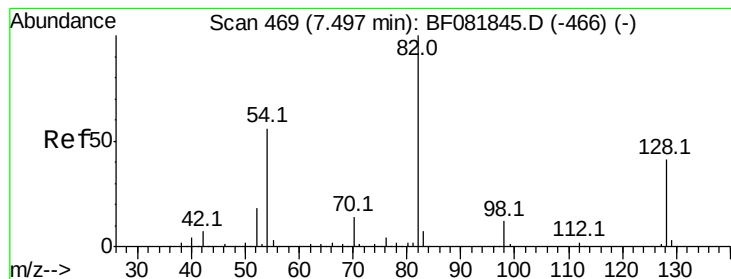
Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.13 ng

RT: 7.45 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF082067.D

Acq: 6 Oct 2015 2:31

Instrument :

BNA_F

ClientSampleId :

SS-10(0-24)

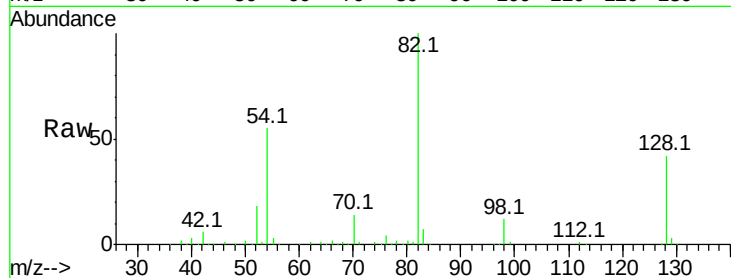
Tot Ion: 82 Resp: 393858

Ion Ratio Lower Upper

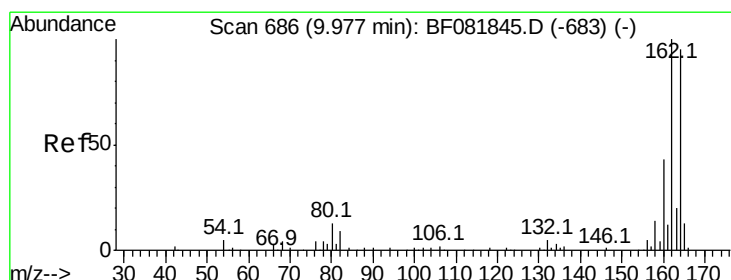
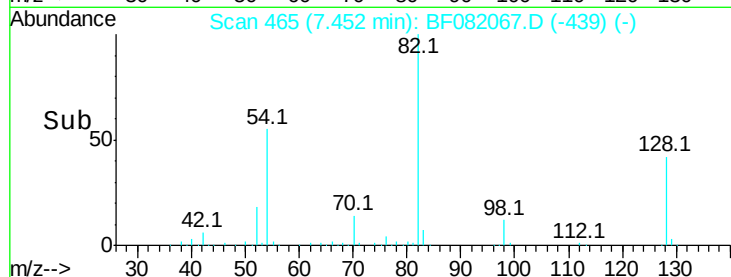
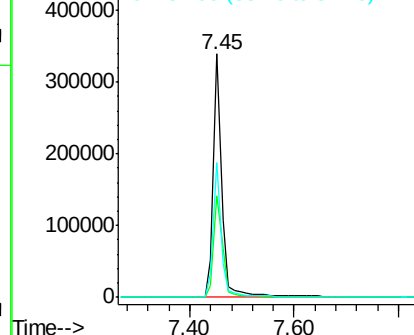
82 100

128 41.8 51.0 76.6#

54 55.2 47.5 71.3



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF082067.D

Acq: 6 Oct 2015 2:31

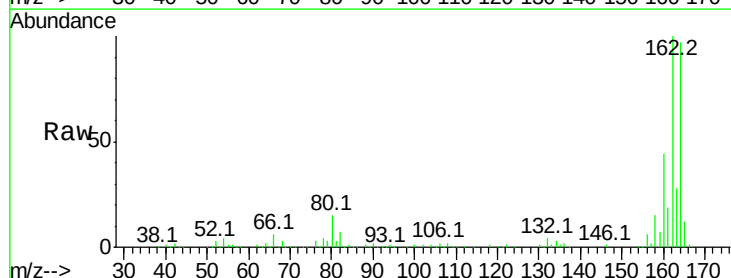
Tgt Ion:164 Resp: 180435

Ion Ratio Lower Upper

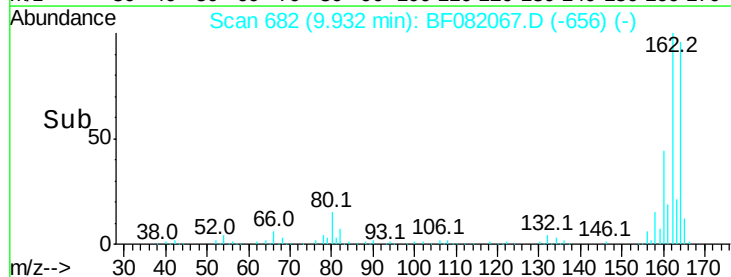
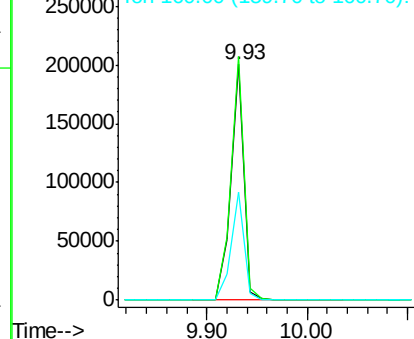
164 100

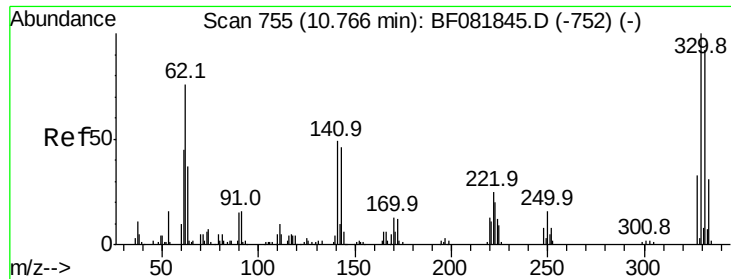
162 103.3 75.2 112.8

160 45.9 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

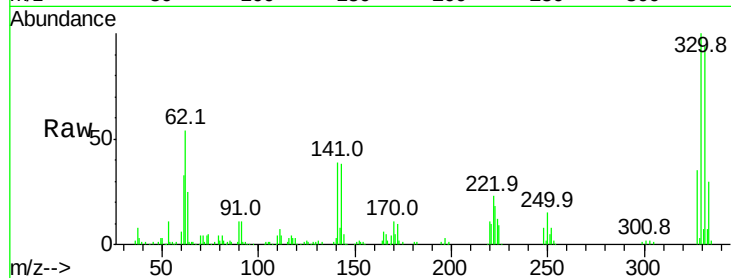




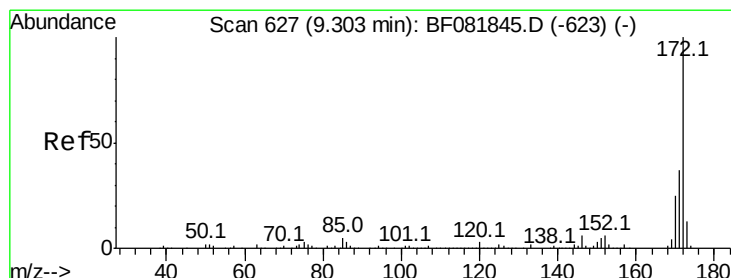
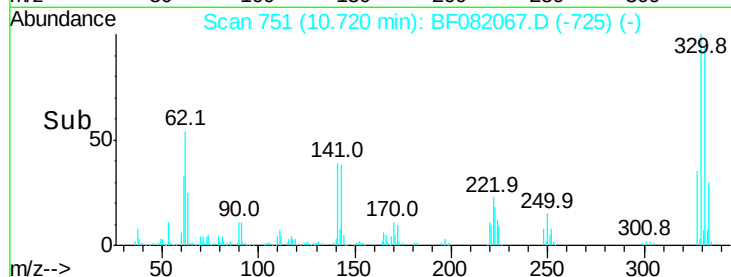
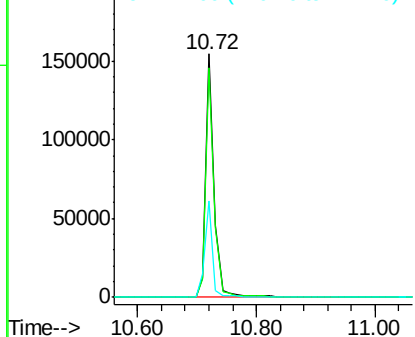
#41
 2,4,6-Tribromophenol
 Concen: 85.74 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF082067.D
 Acq: 6 Oct 2015 2:31

Instrument :
 BNA_F
 ClientSampleId :
 SS-10(0-24)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	114.8
141	37.4	29.7	44.5

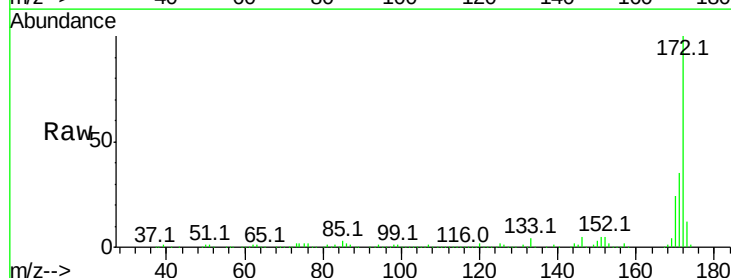


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

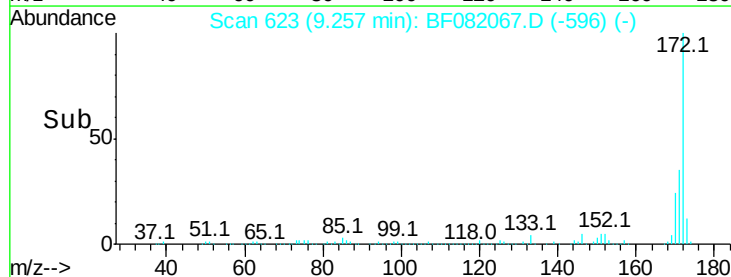
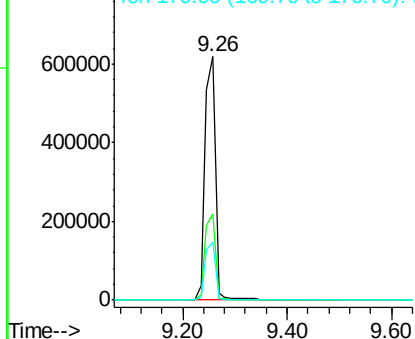


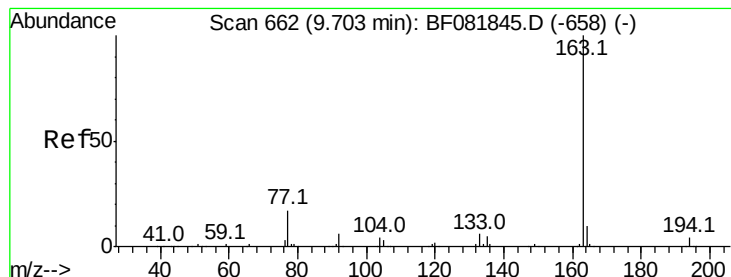
#44
 2-Fluorobiphenyl
 Concen: 78.64 ng
 RT: 9.26 min Scan# 623
 Delta R.T. 0.01 min
 Lab File: BF082067.D
 Acq: 6 Oct 2015 2:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	26.1	39.1
170	23.9	17.4	26.2



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: 14.44 ng

RT: 9.65 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF082067.D

Acq: 6 Oct 2015 2:31

Instrument :

BNA_F

ClientSampleId :

SS-10(0-24)

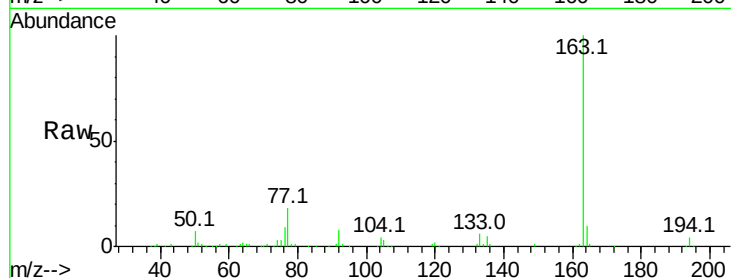
Tot Ion:163 Resp: 179874

Ion Ratio Lower Upper

163 100

194 3.5 4.4 6.6#

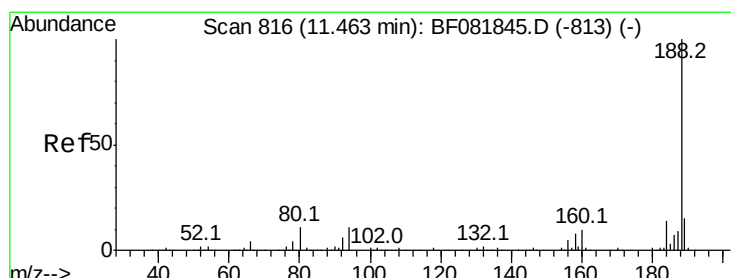
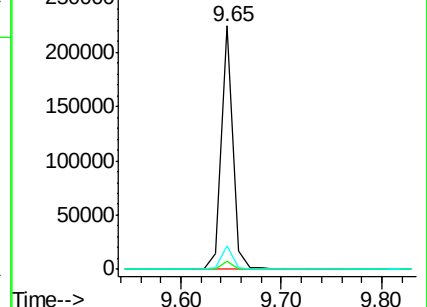
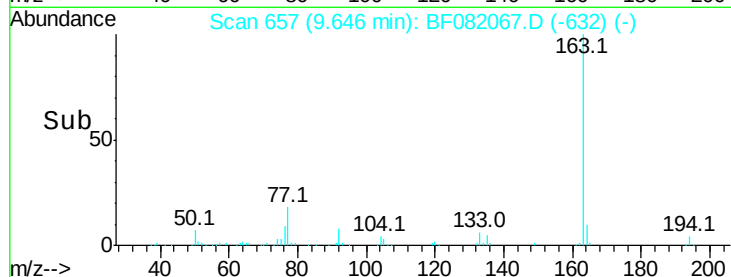
164 9.7 8.3 12.5



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: 11.42 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF082067.D

Acq: 6 Oct 2015 2:31

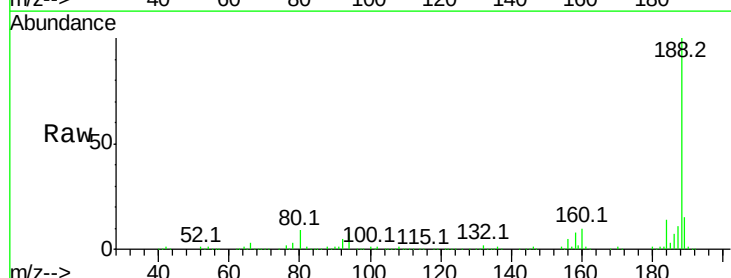
Tgt Ion:188 Resp: 306149

Ion Ratio Lower Upper

188 100

94 8.4 11.1 16.7#

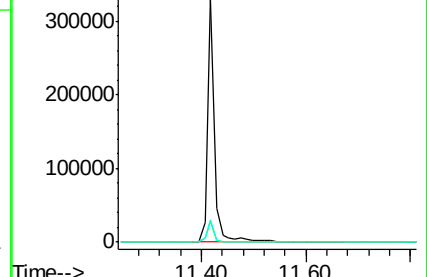
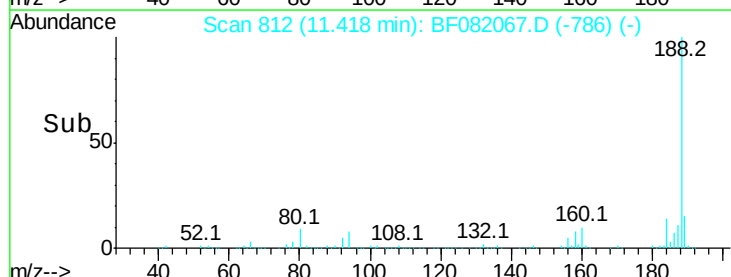
80 8.9 11.0 16.4#

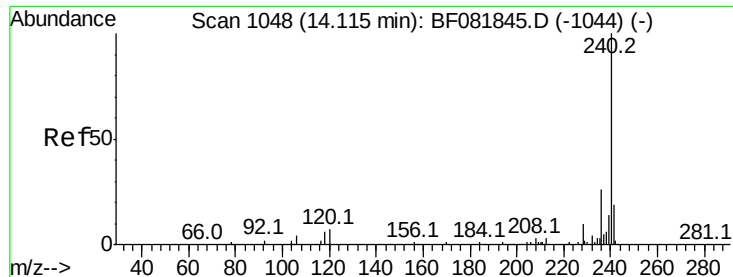


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.06 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF082067.D

Acq: 6 Oct 2015 2:31

Instrument :

BNA_F

ClientSampled :

SS-10(0-24)

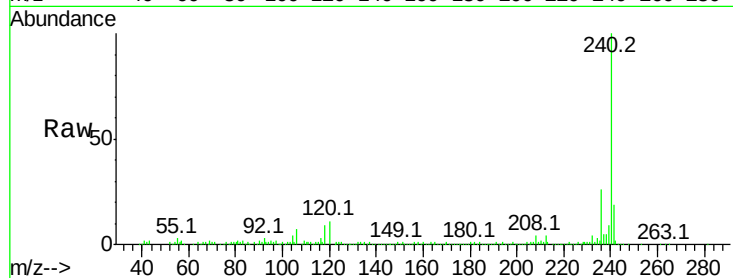
Tot Ion:240 Resp: 228711

Ion Ratio Lower Upper

240 100

120 10.8 16.2 24.2#

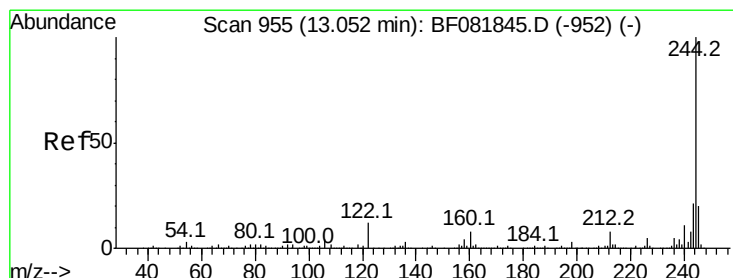
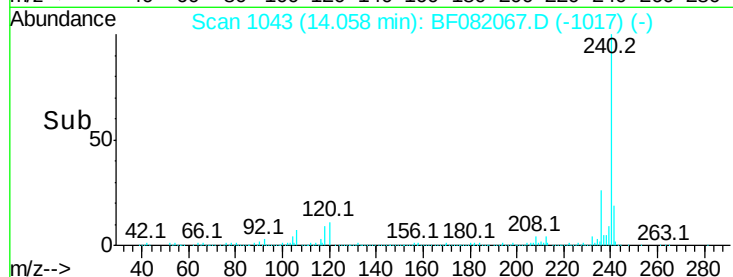
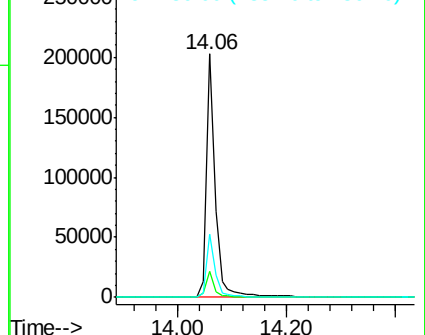
236 25.8 18.4 27.6



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: 100.01 ng

RT: 13.01 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF082067.D

Acq: 6 Oct 2015 2:31

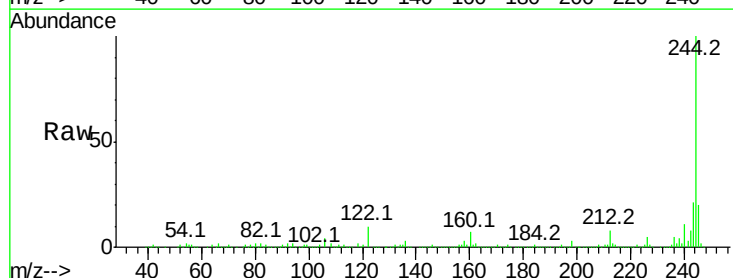
Tgt Ion:244 Resp: 674094

Ion Ratio Lower Upper

244 100

212 7.5 4.3 6.5#

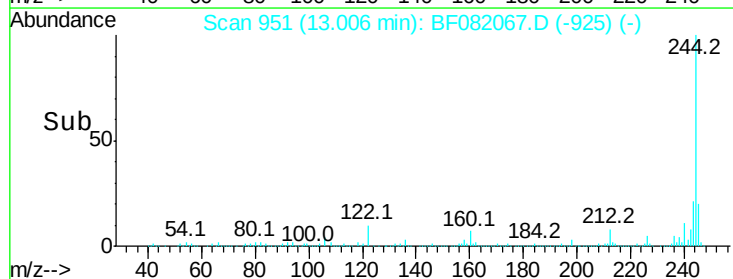
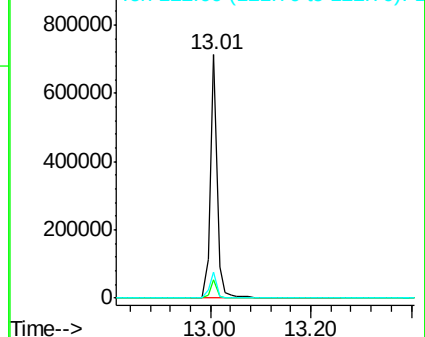
122 10.5 17.4 26.2#

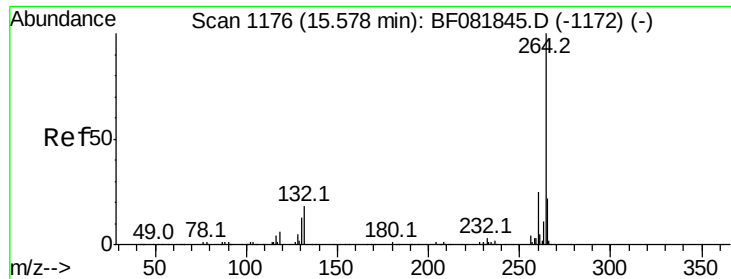


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

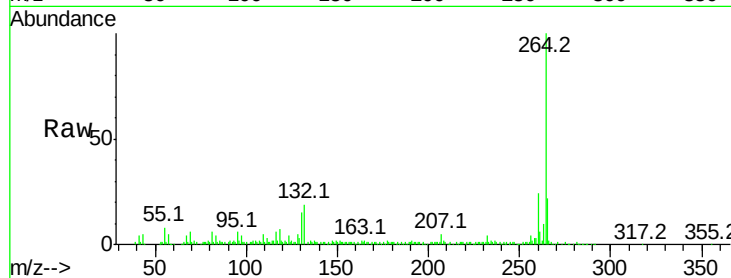




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF082067.D
Acq: 6 Oct 2015 2:31

Instrument :
BNA_F
ClientSampleId :
SS-10(0-24)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	16.7	25.1
265	22.1	17.2	25.8



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

