

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
 Data File : BF082070.D
 Acq On : 6 Oct 2015 4:01
 Operator : UM/IZ
 Sample : G3891-17
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-7(0-12)

Quant Time: Oct 06 08:04:01 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

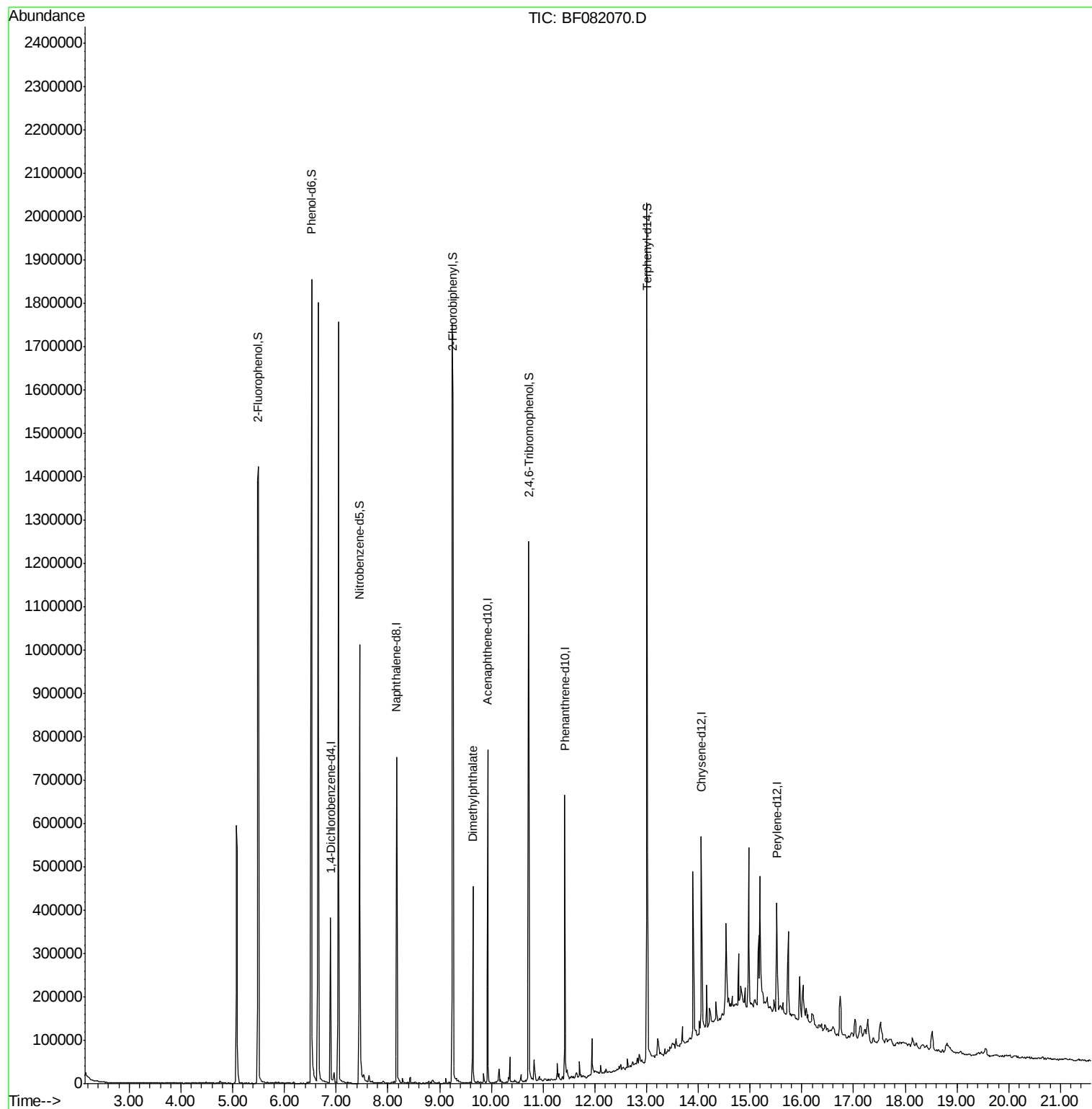
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	93498	20.00	ng	0.01
21) Naphthalene-d8	8.17	136	347999	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	159185	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	261061	20.00	ng	0.00
75) Chrysene-d12	14.06	240	213846	20.00	ng	0.00
86) Perylene-d12	15.52	264	144547	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	626979	121.73	ng	0.02
7) Phenol-d6	6.53	99	832722	128.49	ng	0.01
23) Nitrobenzene-d5	7.45	82	428404	82.06	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	151754	94.13	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	907143	98.33	ng	0.01
78) Terphenyl-d14	13.01	244	693146	116.15	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.65	163	179682	16.35	ng	Qvalue # 97

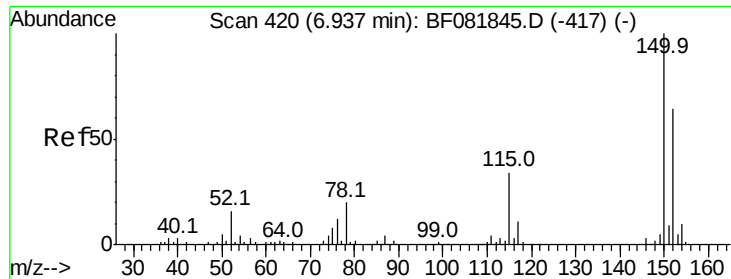
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082070.D

Acq: 6 Oct 2015 4:01

Instrument :

BNA_F

ClientSampleId :

SS-7(0-12)

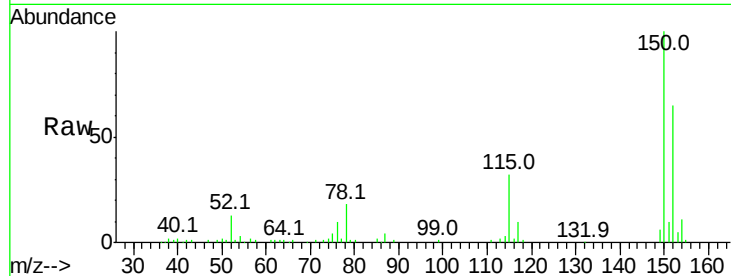
Tot Ion:152 Resp: 93498

Ion Ratio Lower Upper

152 100

150 154.6 124.7 187.1

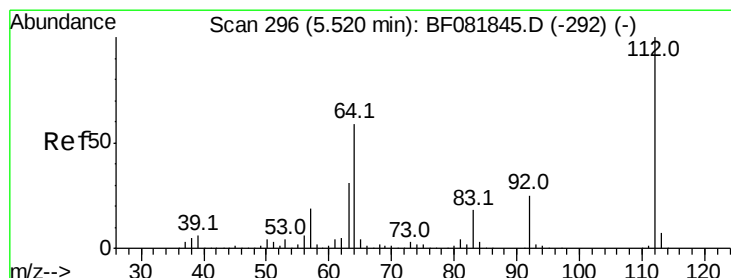
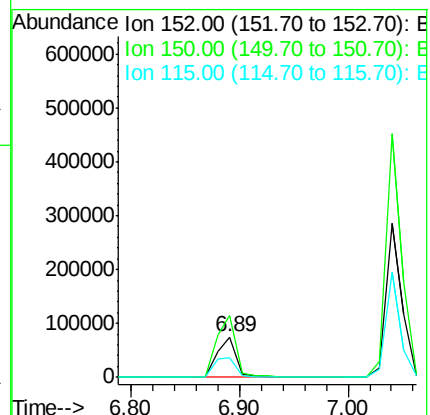
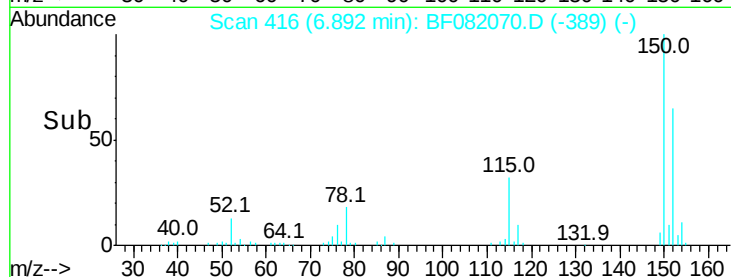
115 48.7 39.0 58.4



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: 121.73 ng

RT: 5.50 min Scan# 294

Delta R.T. 0.02 min

Lab File: BF082070.D

Acq: 6 Oct 2015 4:01

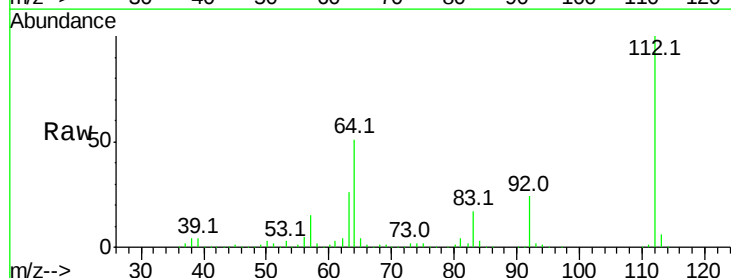
Tgt Ion:112 Resp: 626979

Ion Ratio Lower Upper

112 100

64 50.5 39.7 59.5

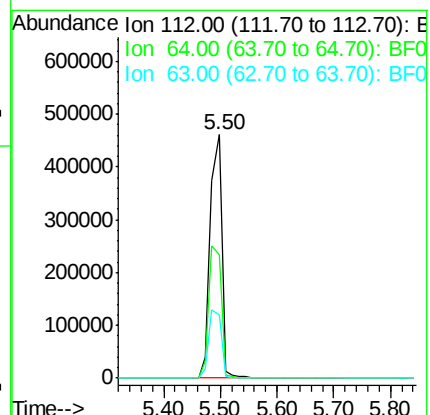
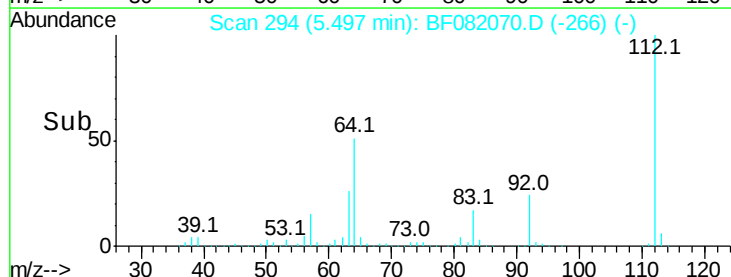
63 26.1 17.4 26.0#

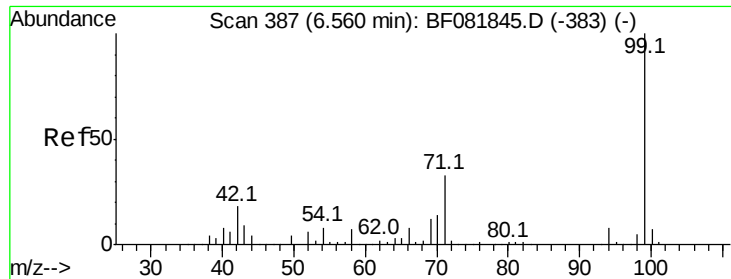


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 128.49 ng

RT: 6.53 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF082070.D

Acq: 6 Oct 2015 4:01

Instrument :

BNA_F

ClientSampleId :

SS-7(0-12)

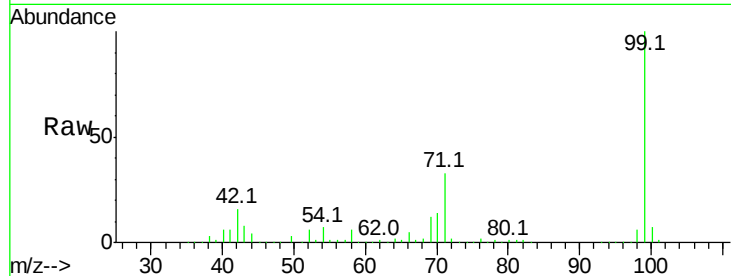
Tot Ion: 99 Resp: 832722

Ion Ratio Lower Upper

99 100

42 16.2 13.7 20.5

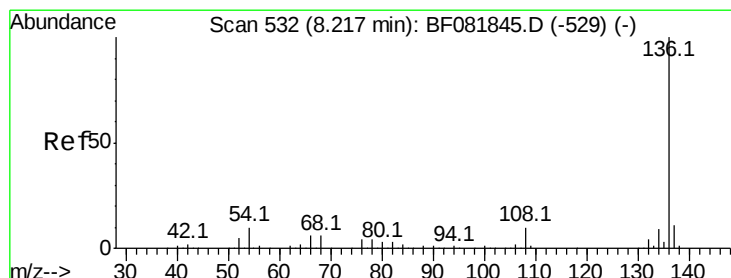
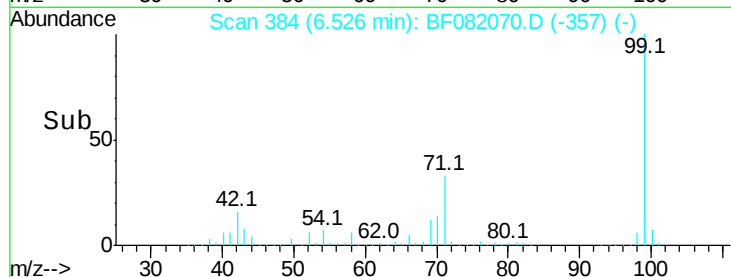
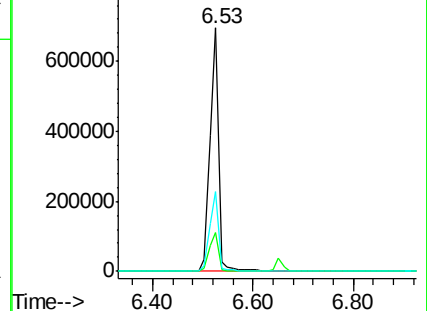
71 33.0 14.2 21.2#



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: BF082070.D

Acq: 6 Oct 2015 4:01

Tgt Ion: 136 Resp: 347999

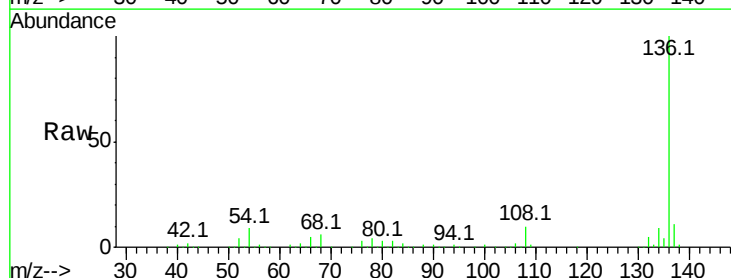
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 8.7 8.2 12.2

68 5.8 5.8 8.6

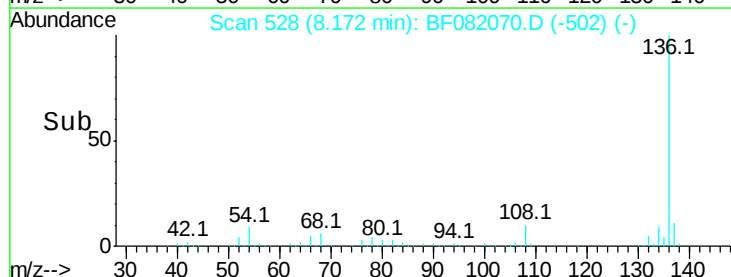
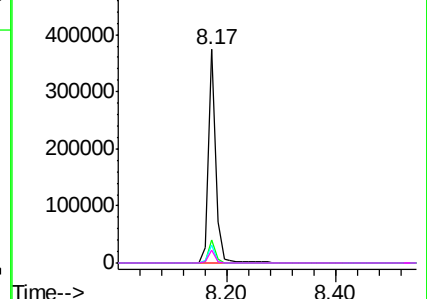


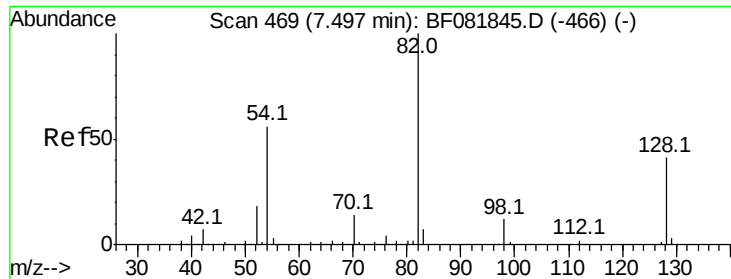
Abundance Ion 136.00 (135.70 to 136.70): E

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

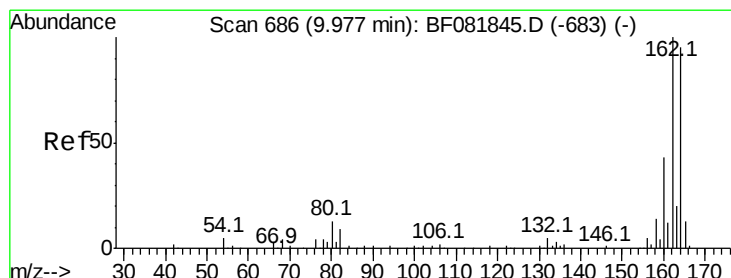
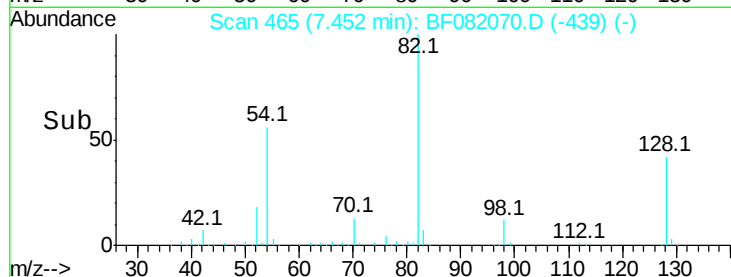
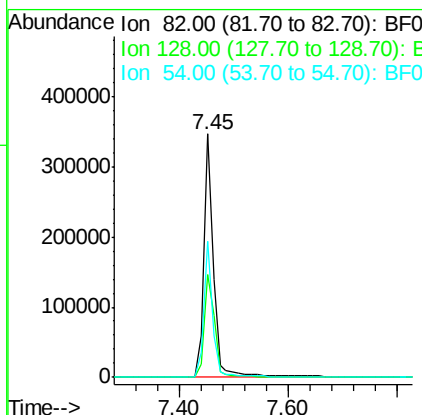
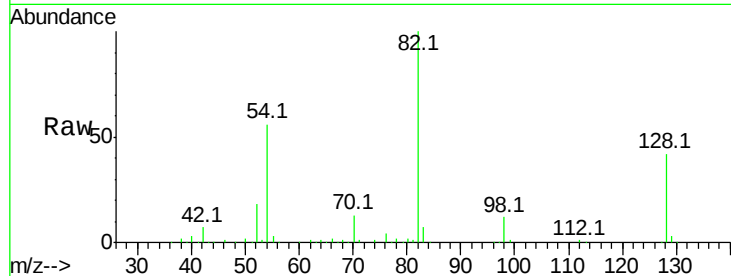




#23
 Nitrobenzene-d5
 Concen: 82.06 ng
 RT: 7.45 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF082070.D
 Acq: 6 Oct 2015 4:01

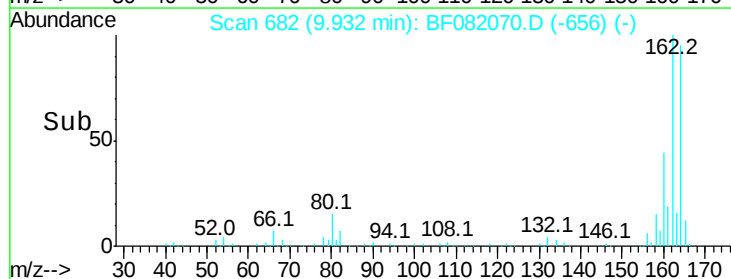
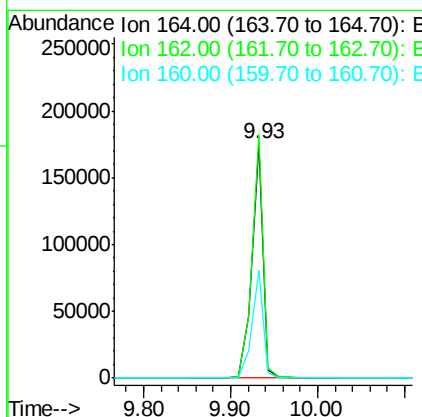
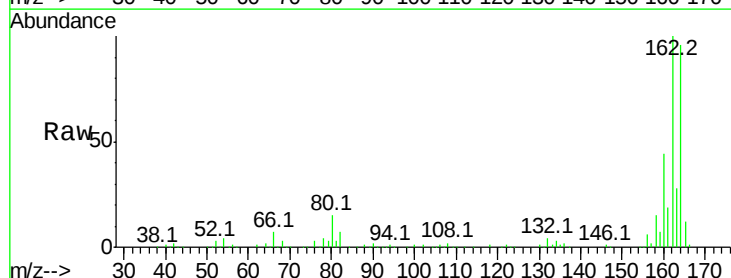
Instrument :
 BNA_F
 ClientSampleId :
 SS-7(0-12)

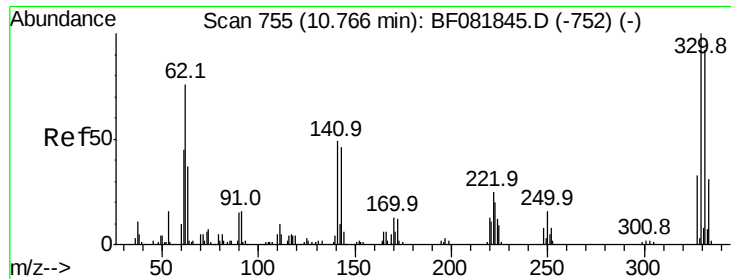
Tot Ion: 82 Resp: 428404
 Ion Ratio Lower Upper
 82 100
 128 42.0 51.0 76.6#
 54 56.0 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.00 min
 Lab File: BF082070.D
 Acq: 6 Oct 2015 4:01

Tgt Ion:164 Resp: 159185
 Ion Ratio Lower Upper
 164 100
 162 104.2 75.2 112.8
 160 46.3 31.5 47.3

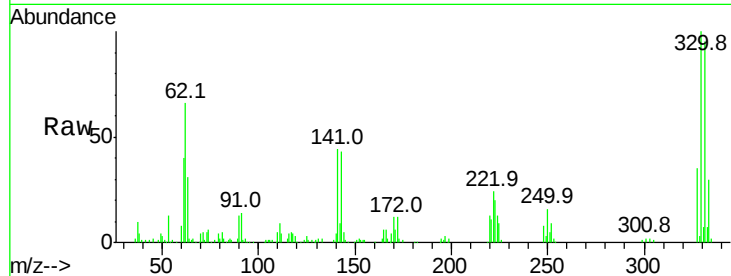




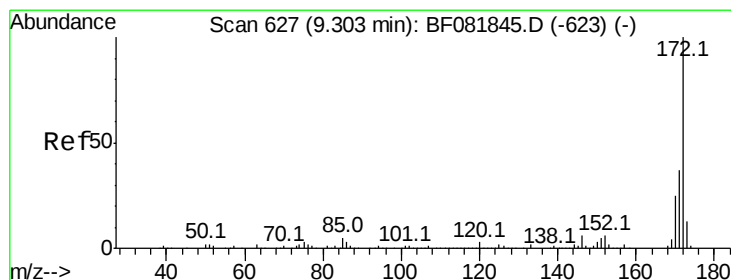
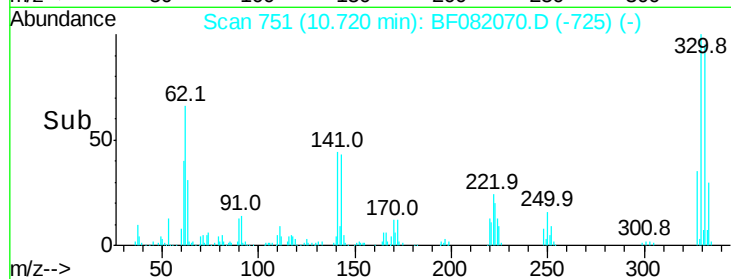
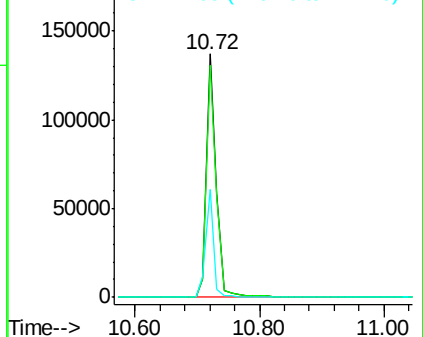
#41
 2,4,6-Tribromophenol
 Concen: 94.13 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF082070.D
 Acq: 6 Oct 2015 4:01

Instrument :
 BNA_F
 ClientSampleId :
 SS-7(0-12)

Tot Ion:330 Resp: 151754
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 37.0 29.7 44.5

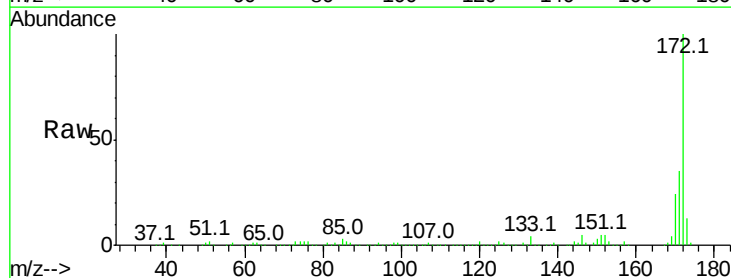


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

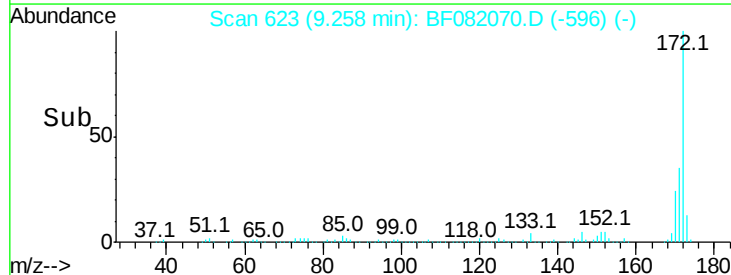
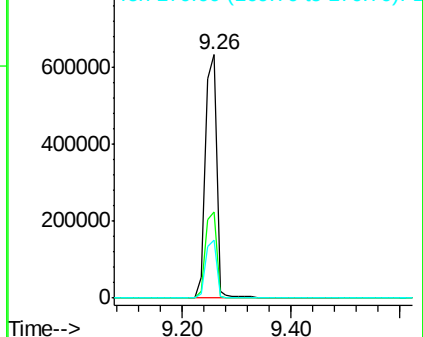


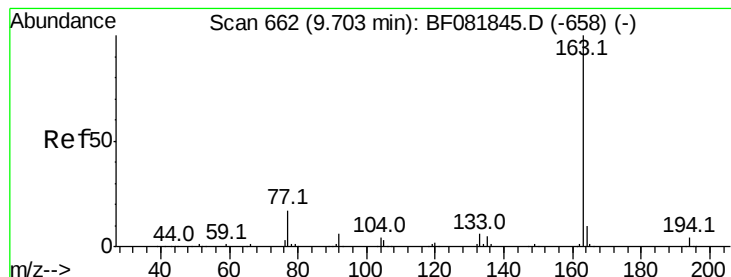
#44
 2-Fluorobiphenyl
 Concen: 98.33 ng
 RT: 9.26 min Scan# 623
 Delta R.T. 0.01 min
 Lab File: BF082070.D
 Acq: 6 Oct 2015 4:01

Tgt Ion:172 Resp: 907143
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.1 39.1
 170 24.0 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: 16.35 ng

RT: 9.65 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF082070.D

Acq: 6 Oct 2015 4:01

Instrument :

BNA_F

ClientSampleId :

SS-7(0-12)

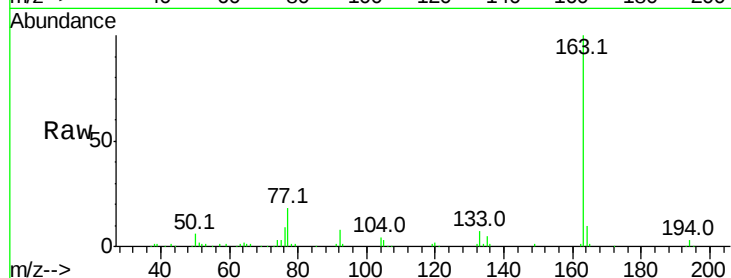
Tot Ion:163 Resp: 179682

Ion Ratio Lower Upper

163 100

194 3.3 4.4 6.6#

164 10.0 8.3 12.5



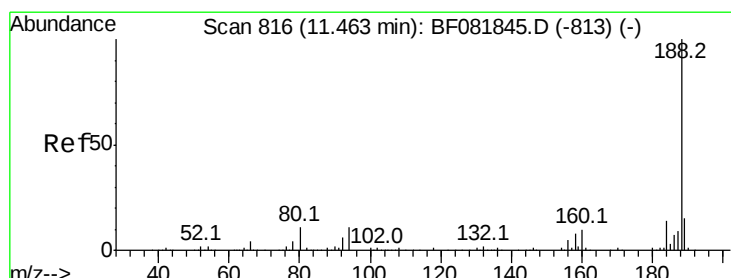
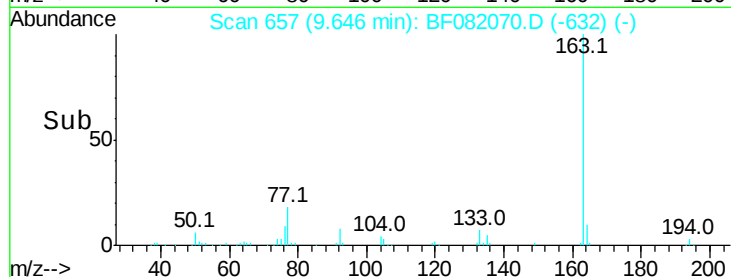
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

9.65

Time--> 9.55 9.60 9.65 9.70 9.75



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF082070.D

Acq: 6 Oct 2015 4:01

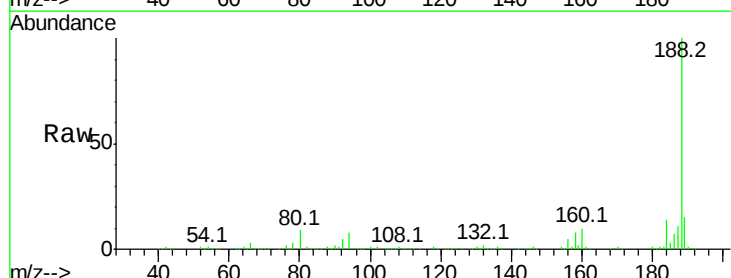
Tgt Ion:188 Resp: 261061

Ion Ratio Lower Upper

188 100

94 8.3 11.1 16.7#

80 8.8 11.0 16.4#



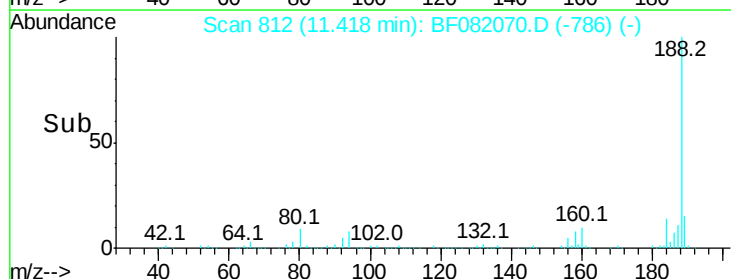
Abundance Ion 188.00 (187.70 to 188.70): E

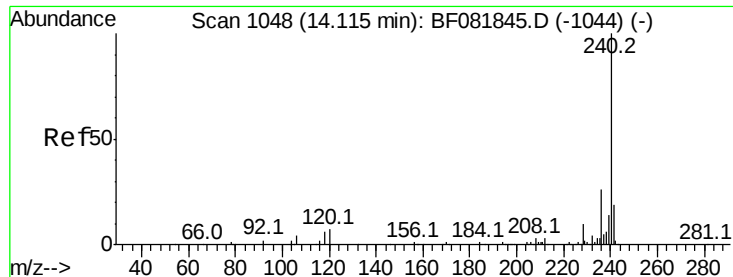
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

11.42

Time--> 11.40 11.60





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF082070.D

Acq: 6 Oct 2015 4:01

Instrument :

BNA_F

ClientSampleId :

SS-7(0-12)

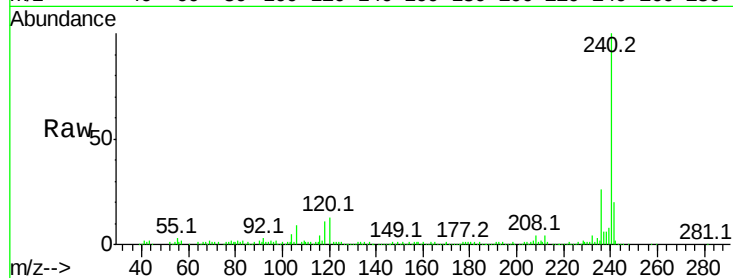
Tot Ion:240 Resp: 213846

Ion Ratio Lower Upper

240 100

120 12.5 16.2 24.2#

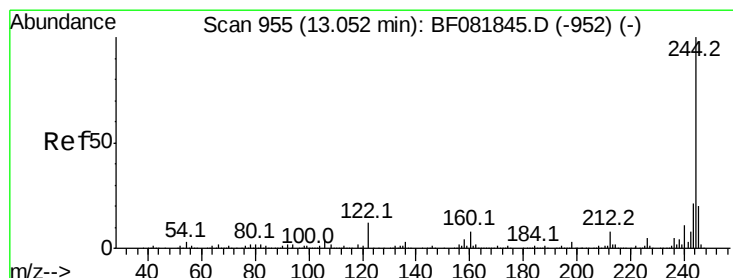
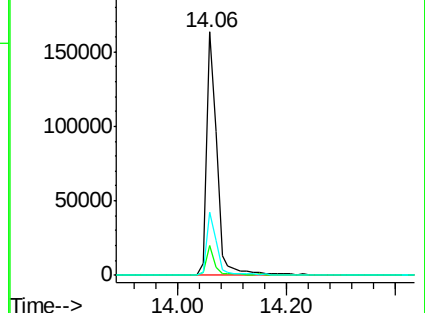
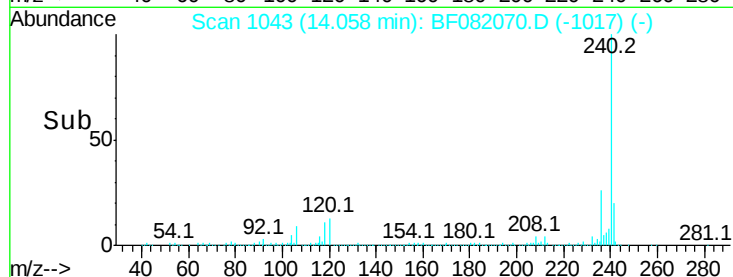
236 25.9 18.4 27.6



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: 116.15 ng

RT: 13.01 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF082070.D

Acq: 6 Oct 2015 4:01

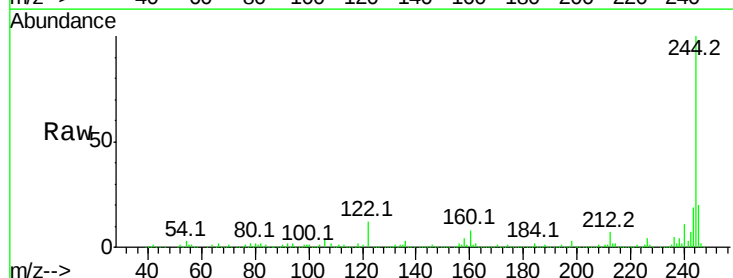
Tgt Ion:244 Resp: 693146

Ion Ratio Lower Upper

244 100

212 7.5 4.3 6.5#

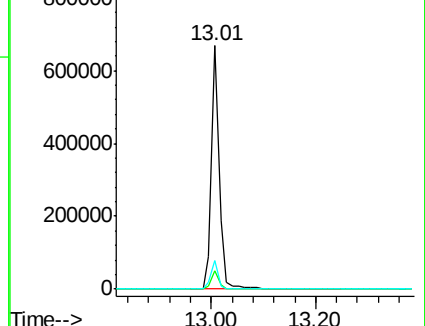
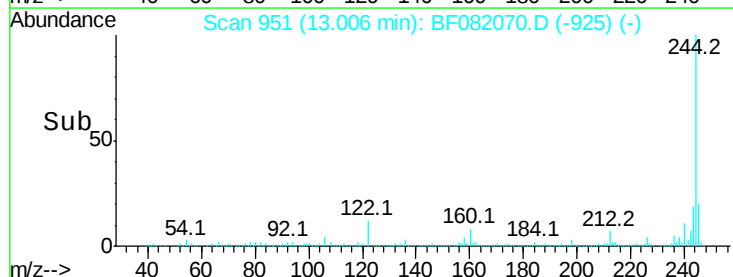
122 11.9 17.4 26.2#

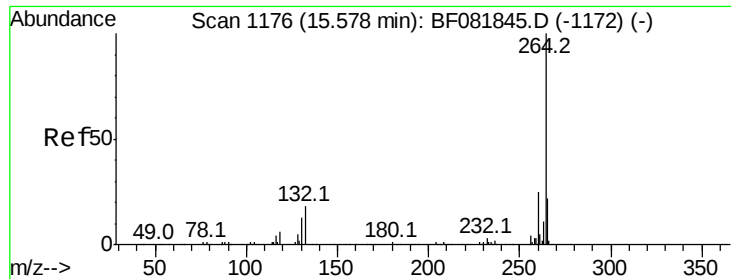


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

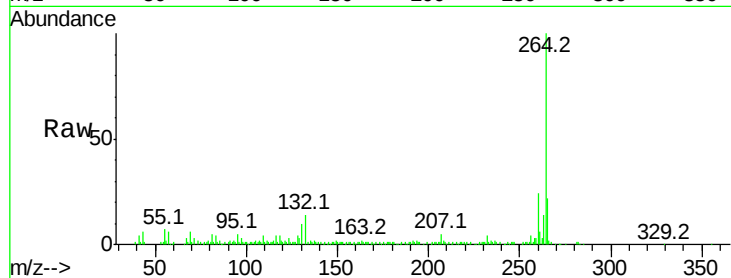




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BF082070.D
Acq: 6 Oct 2015 4:01

Instrument :
BNA_F
ClientSampleId :
SS-7(0-12)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	16.7	25.1
265	21.5	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

