

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100815\
 Data File : BF082123.D
 Acq On : 8 Oct 2015 12:41
 Operator : UM/IZ
 Sample : G3927-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-28(26-28)

Quant Time: Oct 09 05:16:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 09 05:03:35 2015
 Response via : Initial Calibration

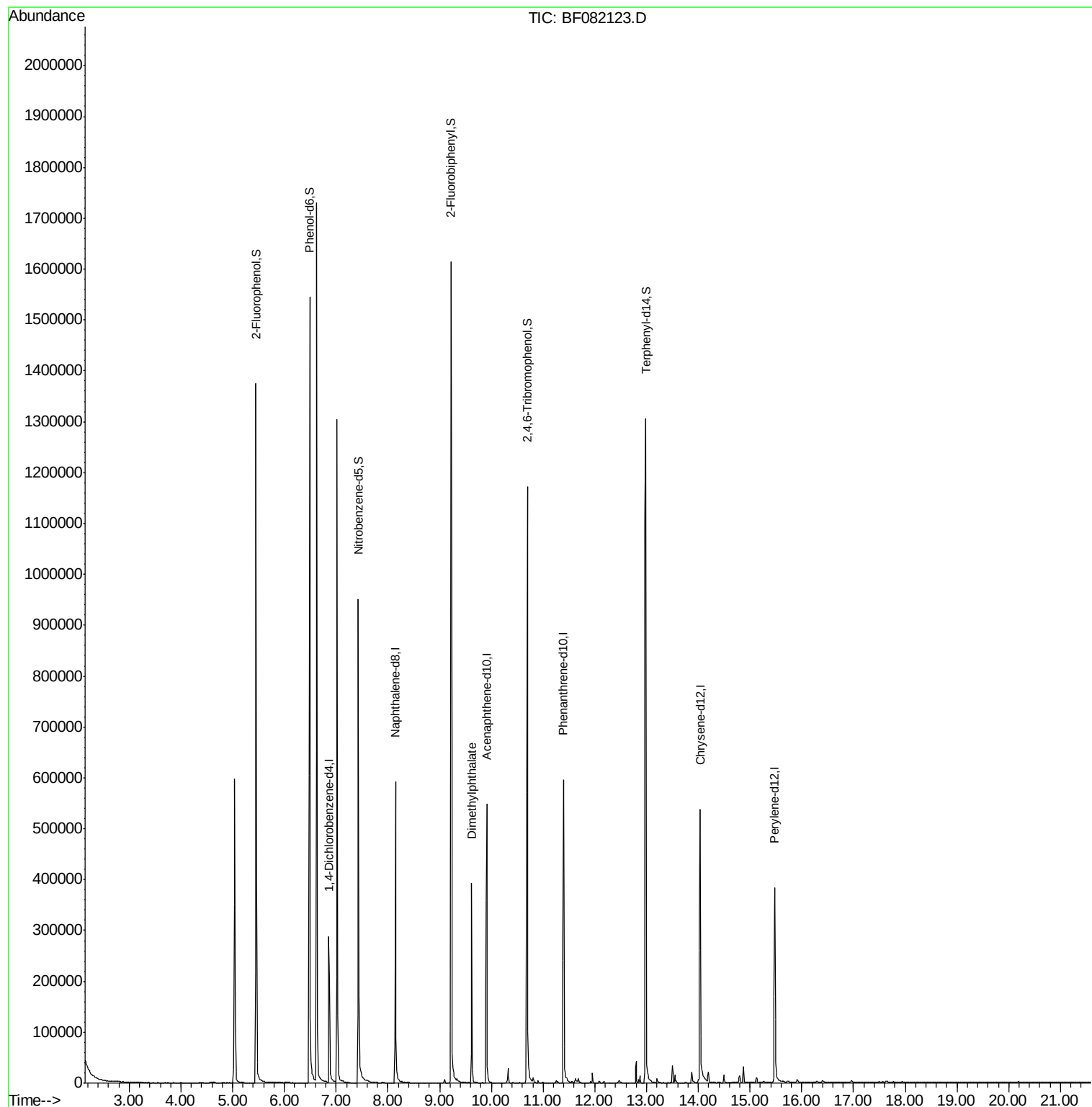
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	70531	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	306237	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	150230	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	304070	20.00	ng	0.00
75) Chrysene-d12	14.04	240	283976	20.00	ng	-0.01
86) Perylene-d12	15.48	264	215045	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	423884	109.10	ng	0.00
7) Phenol-d6	6.49	99	618088	126.42	ng	0.00
23) Nitrobenzene-d5	7.43	82	359923	78.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	176422	115.96	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	634643	67.99	ng	-0.01
78) Terphenyl-d14	12.98	244	661025	72.09	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.62	163	172708	16.65	ng	# 96

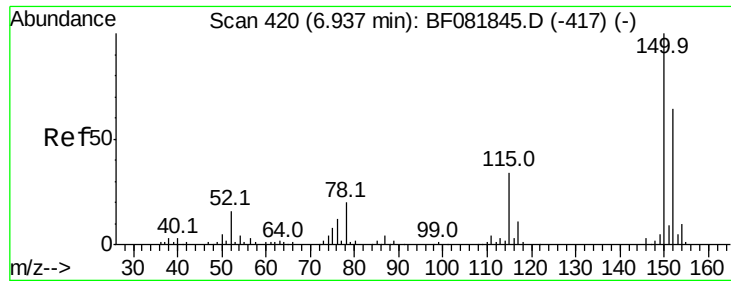
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 09 05:03:35 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF082123.D

Acq: 8 Oct 2015 12:41

Instrument :

BNA_F

ClientSampleId :

OS-SB-28(26-28)

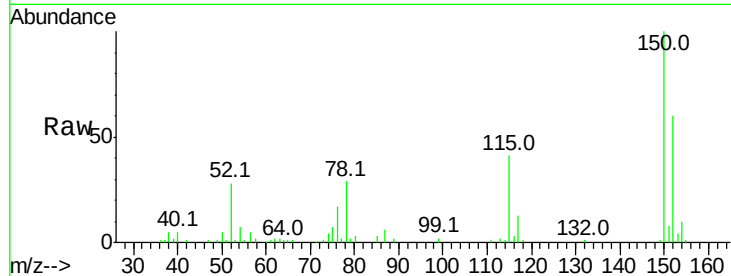
Tot Ion:152 Resp: 70531

Ion Ratio Lower Upper

152 100

150 166.8 124.7 187.1

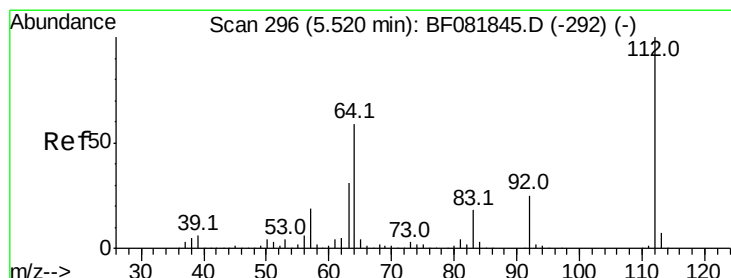
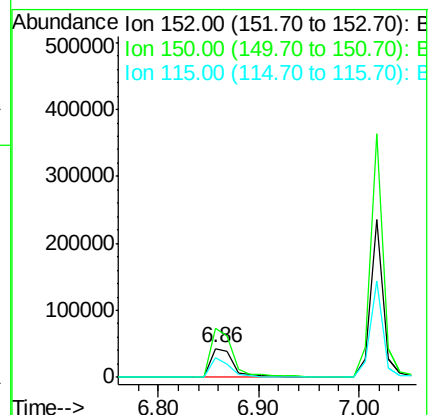
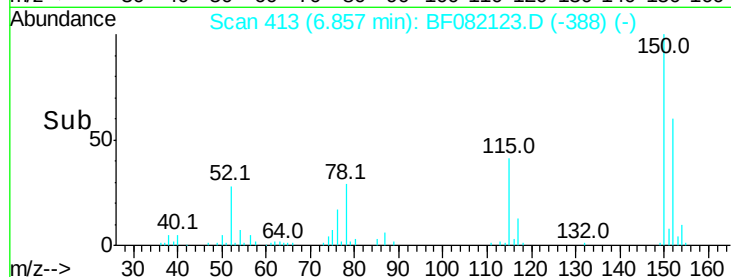
115 68.1 39.0 58.4#



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: 109.10 ng

RT: 5.45 min Scan# 290

Delta R.T. -0.00 min

Lab File: BF082123.D

Acq: 8 Oct 2015 12:41

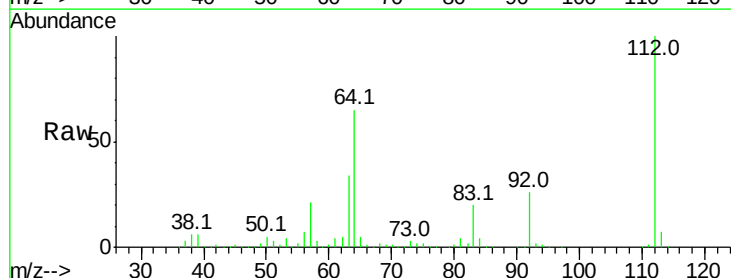
Tgt Ion:112 Resp: 423884

Ion Ratio Lower Upper

112 100

64 64.6 39.7 59.5#

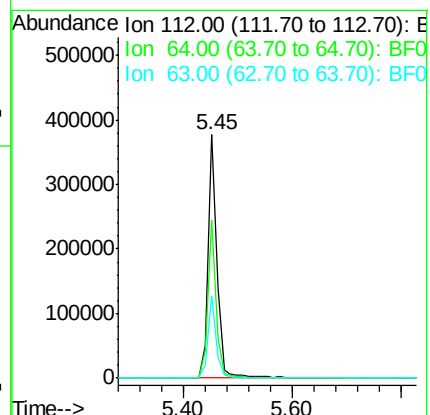
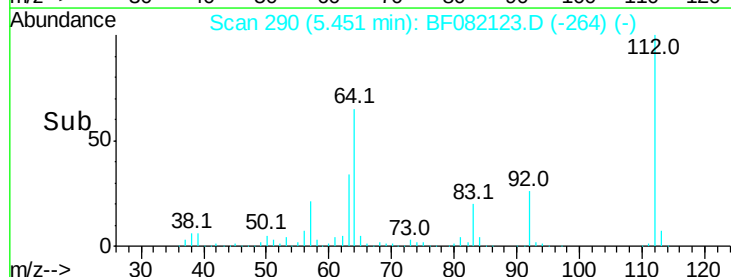
63 33.8 17.4 26.0#

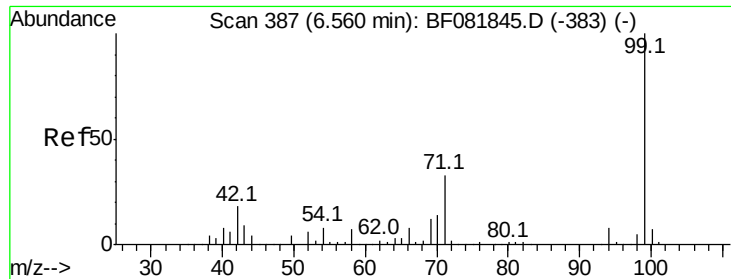


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 126.42 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082123.D

Acq: 8 Oct 2015 12:41

Instrument :

BNA_F

ClientSampleId :

OS-SB-28(26-28)

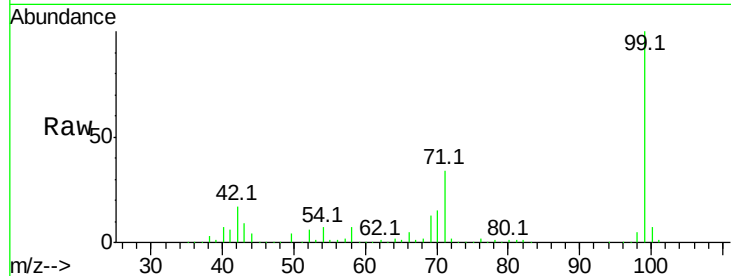
Tot Ion: 99 Resp: 618088

Ion Ratio Lower Upper

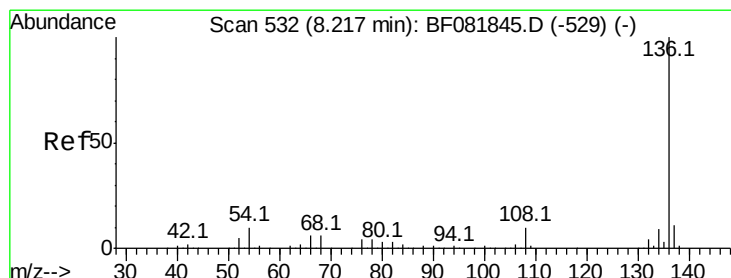
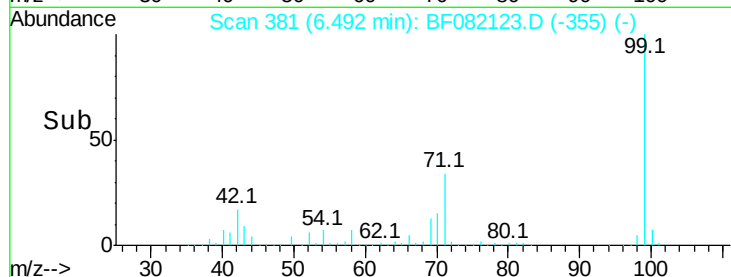
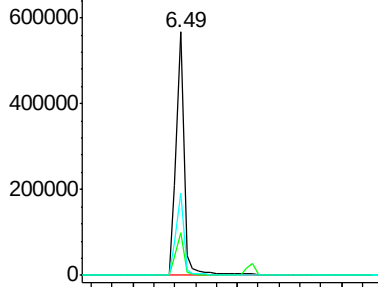
99 100

42 17.3 13.7 20.5

71 33.8 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: 8.15 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF082123.D

Acq: 8 Oct 2015 12:41

Tgt Ion: 136 Resp: 306237

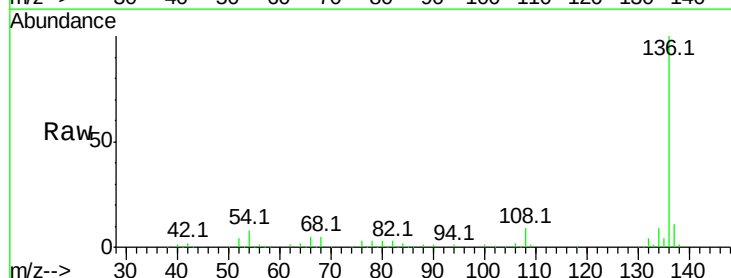
Ion Ratio Lower Upper

136 100

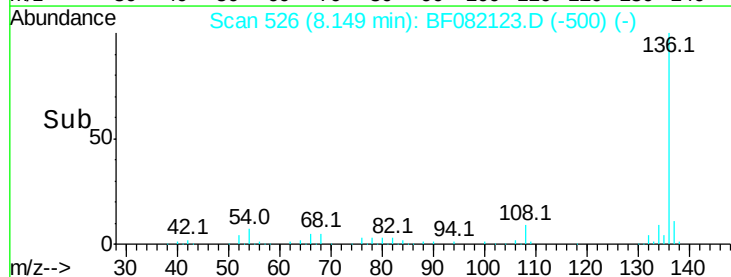
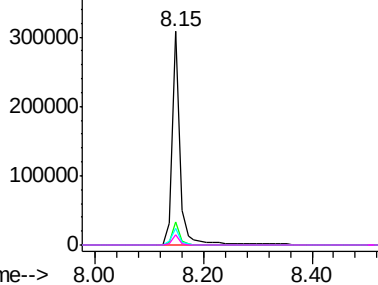
137 10.7 9.0 13.6

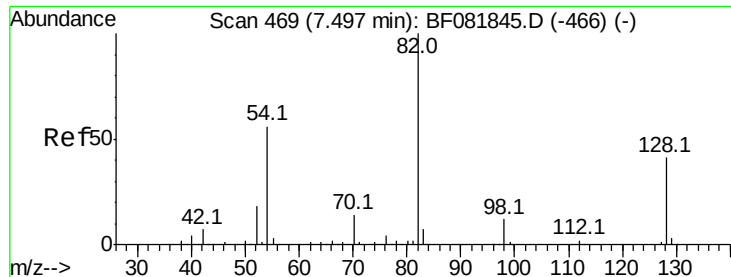
54 7.5 8.2 12.2#

68 4.9 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: 78.35 ng

RT: 7.43 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF082123.D

Acq: 8 Oct 2015 12:41

Instrument :

BNA_F

ClientSampleId :

OS-SB-28(26-28)

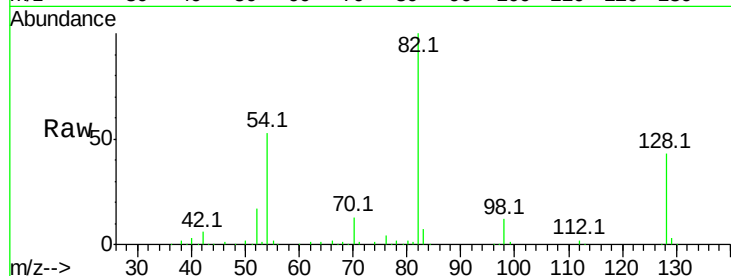
Tot Ion: 82 Resp: 359923

Ion Ratio Lower Upper

82 100

128 43.0 51.0 76.6#

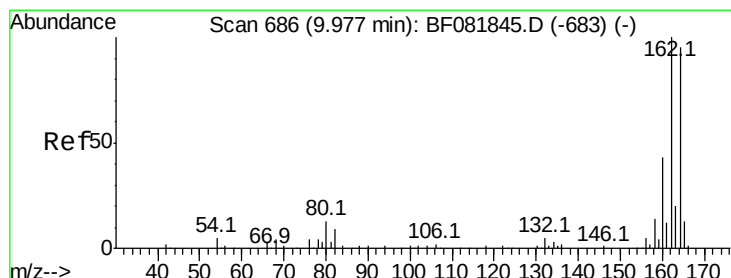
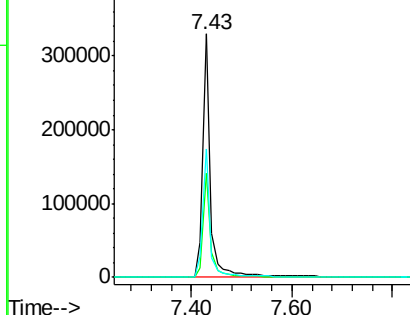
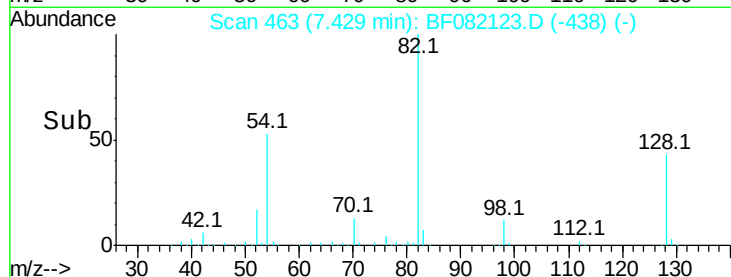
54 52.9 47.5 71.3



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: 9.91 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF082123.D

Acq: 8 Oct 2015 12:41

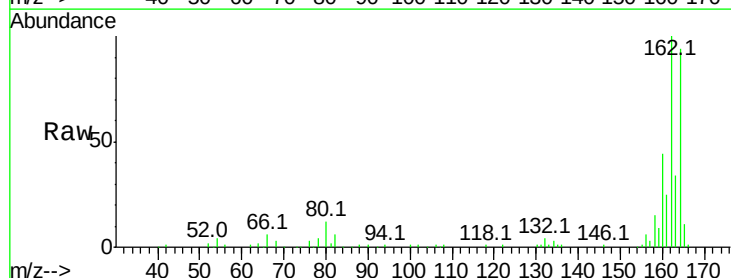
Tgt Ion:164 Resp: 150230

Ion Ratio Lower Upper

164 100

162 106.5 75.2 112.8

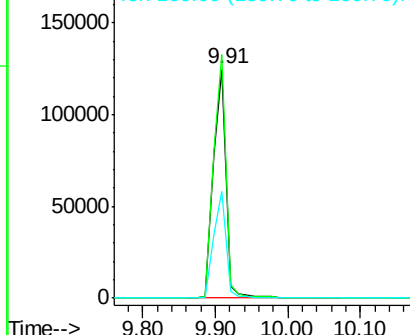
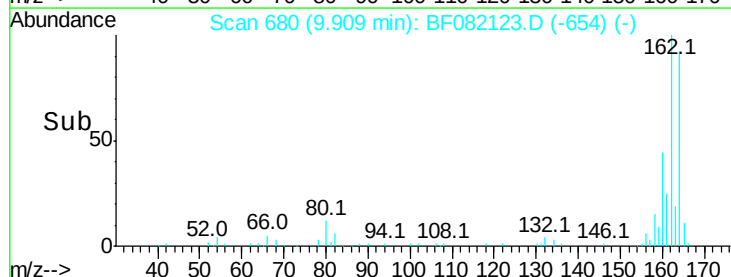
160 46.7 31.5 47.3

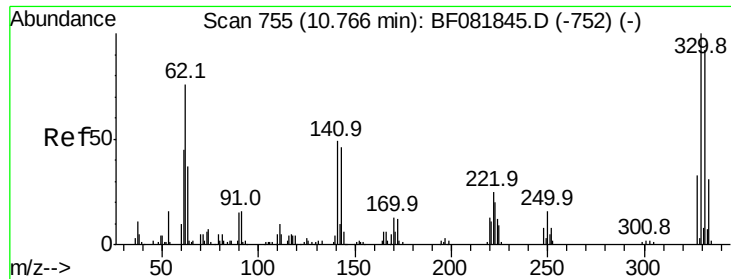


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

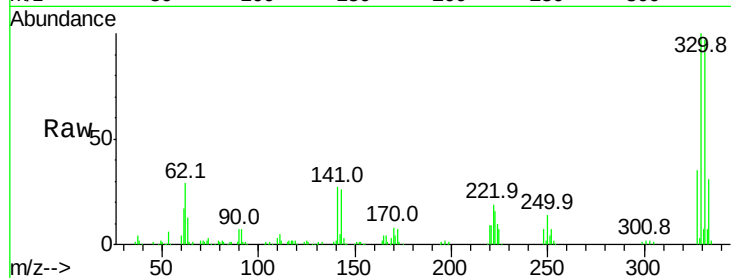




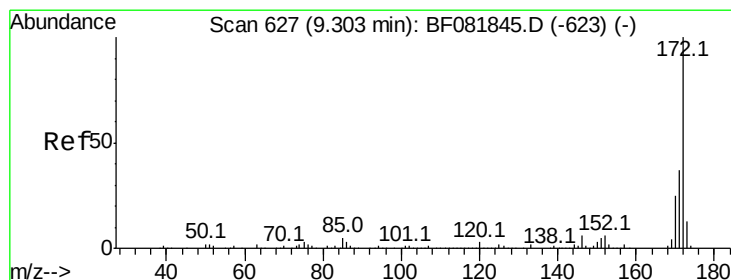
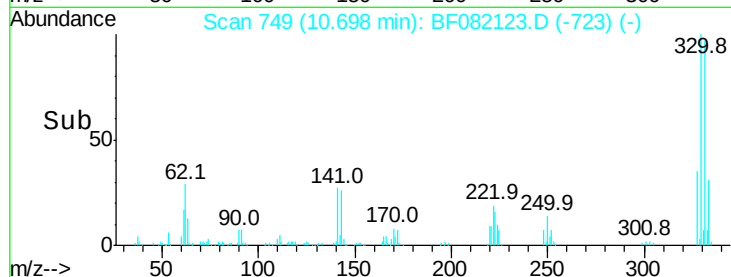
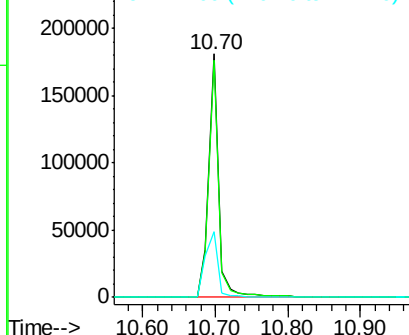
#41
 2,4,6-Tribromophenol
 Concen: 115.96 ng
 RT: 10.70 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF082123.D
 Acq: 8 Oct 2015 12:41

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-28(26-28)

Tot Ion:330 Resp: 176422
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 114.8
 141 34.7 29.7 44.5

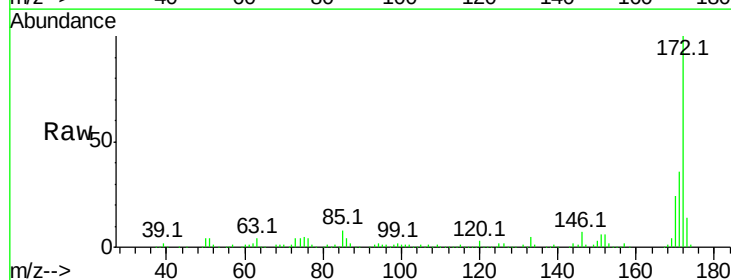


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

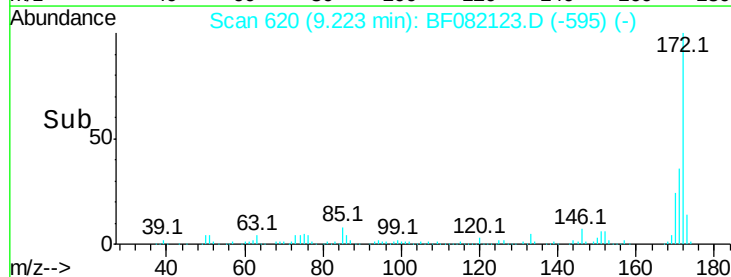
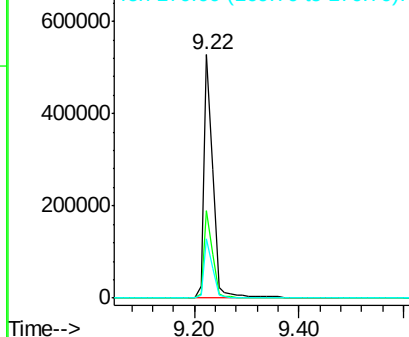


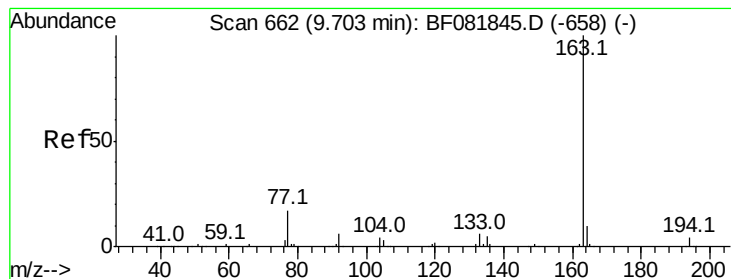
#44
 2-Fluorobiphenyl
 Concen: 67.99 ng
 RT: 9.22 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF082123.D
 Acq: 8 Oct 2015 12:41

Tgt Ion:172 Resp: 634643
 Ion Ratio Lower Upper
 172 100
 171 36.1 26.1 39.1
 170 24.2 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: 16.65 ng

RT: 9.62 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF082123.D

Acq: 8 Oct 2015 12:41

Instrument :

BNA_F

ClientSampleId :

OS-SB-28(26-28)

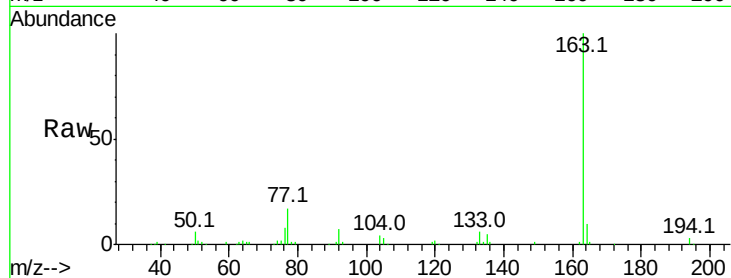
Tot Ion:163 Resp: 172708

Ion Ratio Lower Upper

163 100

194 3.5 4.4 6.6#

164 9.6 8.3 12.5

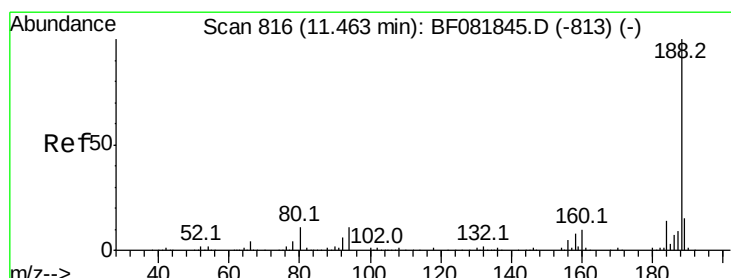
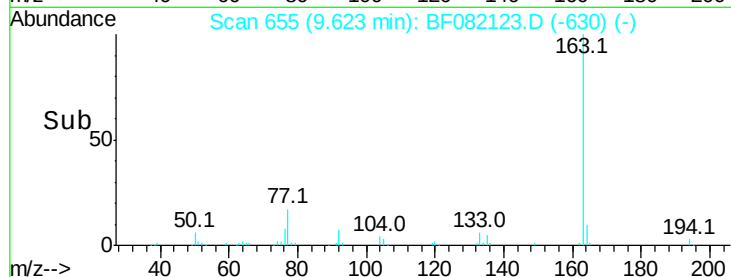


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF082123.D

Acq: 8 Oct 2015 12:41

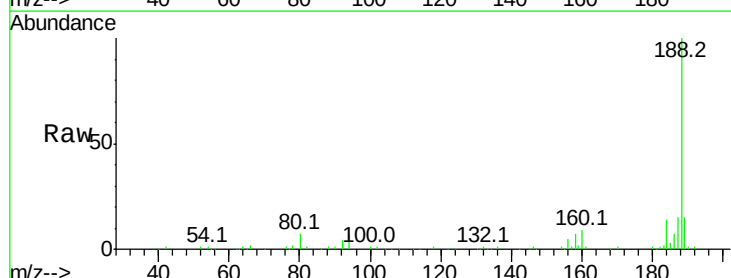
Tgt Ion:188 Resp: 304070

Ion Ratio Lower Upper

188 100

94 6.6 11.1 16.7#

80 6.6 11.0 16.4#

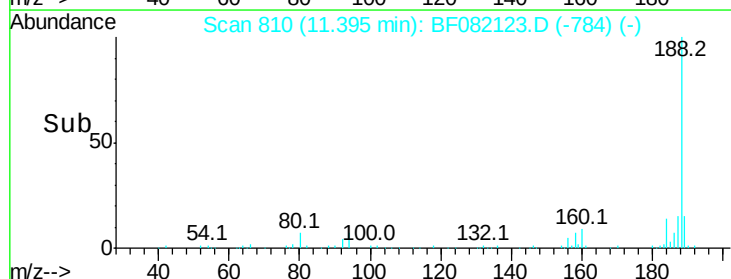


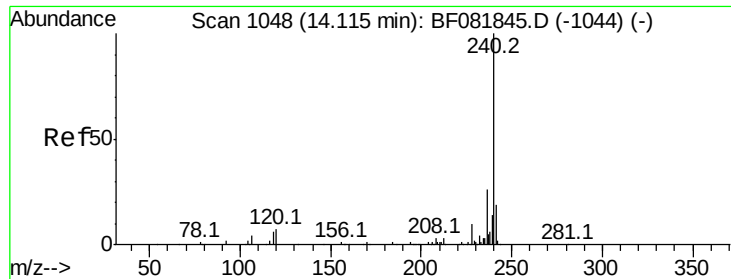
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF082123.D

Acq: 8 Oct 2015 12:41

Instrument :

BNA_F

ClientSampleId :

OS-SB-28(26-28)

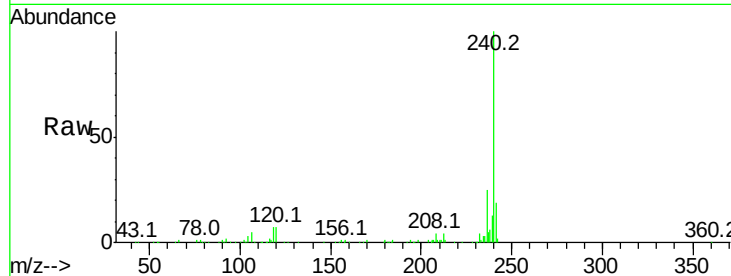
Tot Ion:240 Resp: 283976

Ion Ratio Lower Upper

240 100

120 7.4 16.2 24.2#

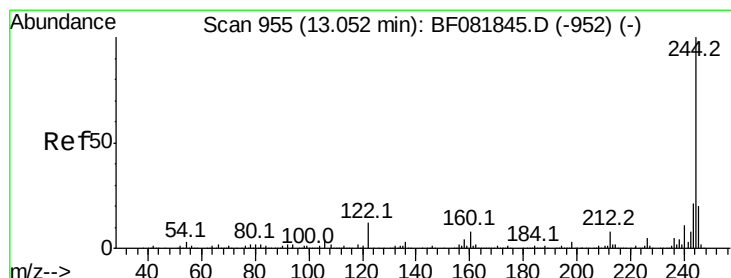
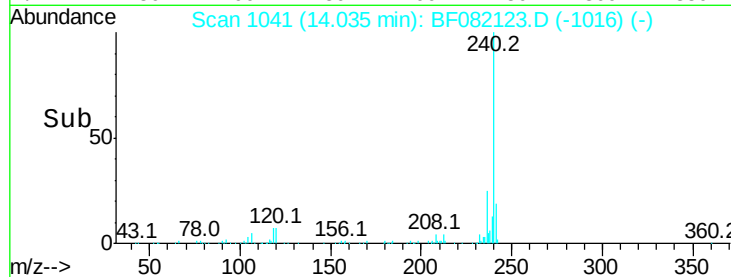
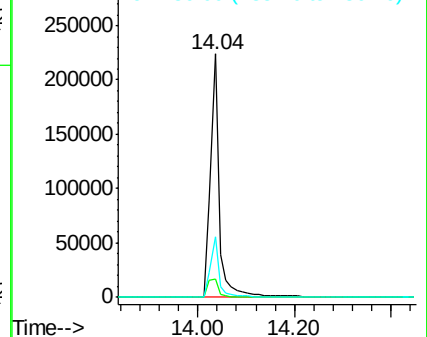
236 25.1 18.4 27.6



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: 72.09 ng

RT: 12.98 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF082123.D

Acq: 8 Oct 2015 12:41

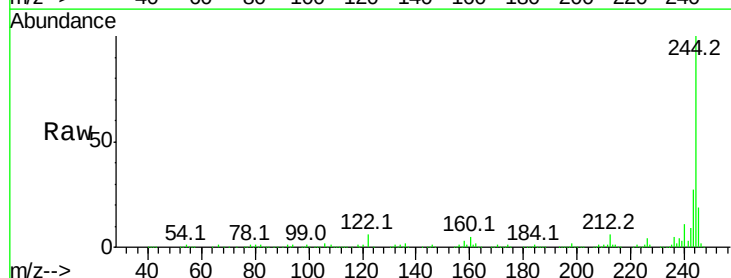
Tgt Ion:244 Resp: 661025

Ion Ratio Lower Upper

244 100

212 6.4 4.3 6.5

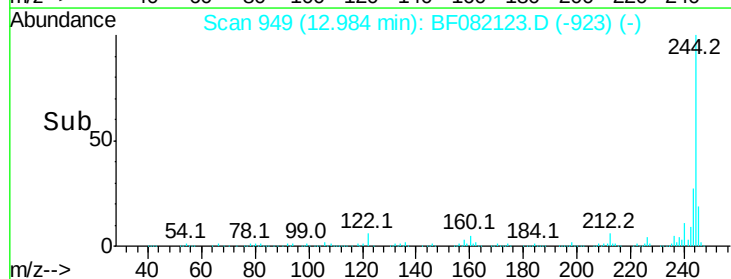
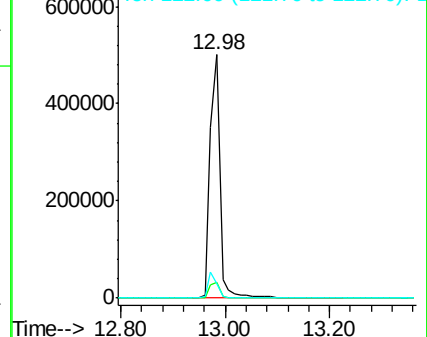
122 6.0 17.4 26.2#

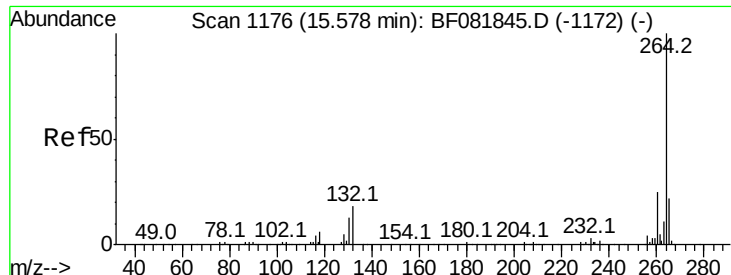


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

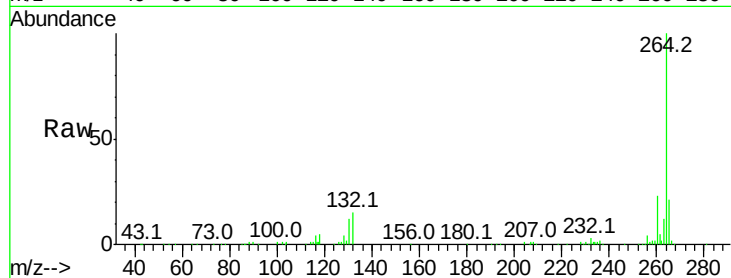




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF082123.D
Acq: 8 Oct 2015 12:41

Instrument :
BNA_F
ClientSampleId :
OS-SB-28(26-28)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	16.7	25.1
265	20.9	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

