

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121615\
 Data File : BF083844.D
 Acq On : 16 Dec 2015 13:23
 Operator : UM/SJ
 Sample : G4680-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K212-(18-19)

Quant Time: Dec 17 03:34:05 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

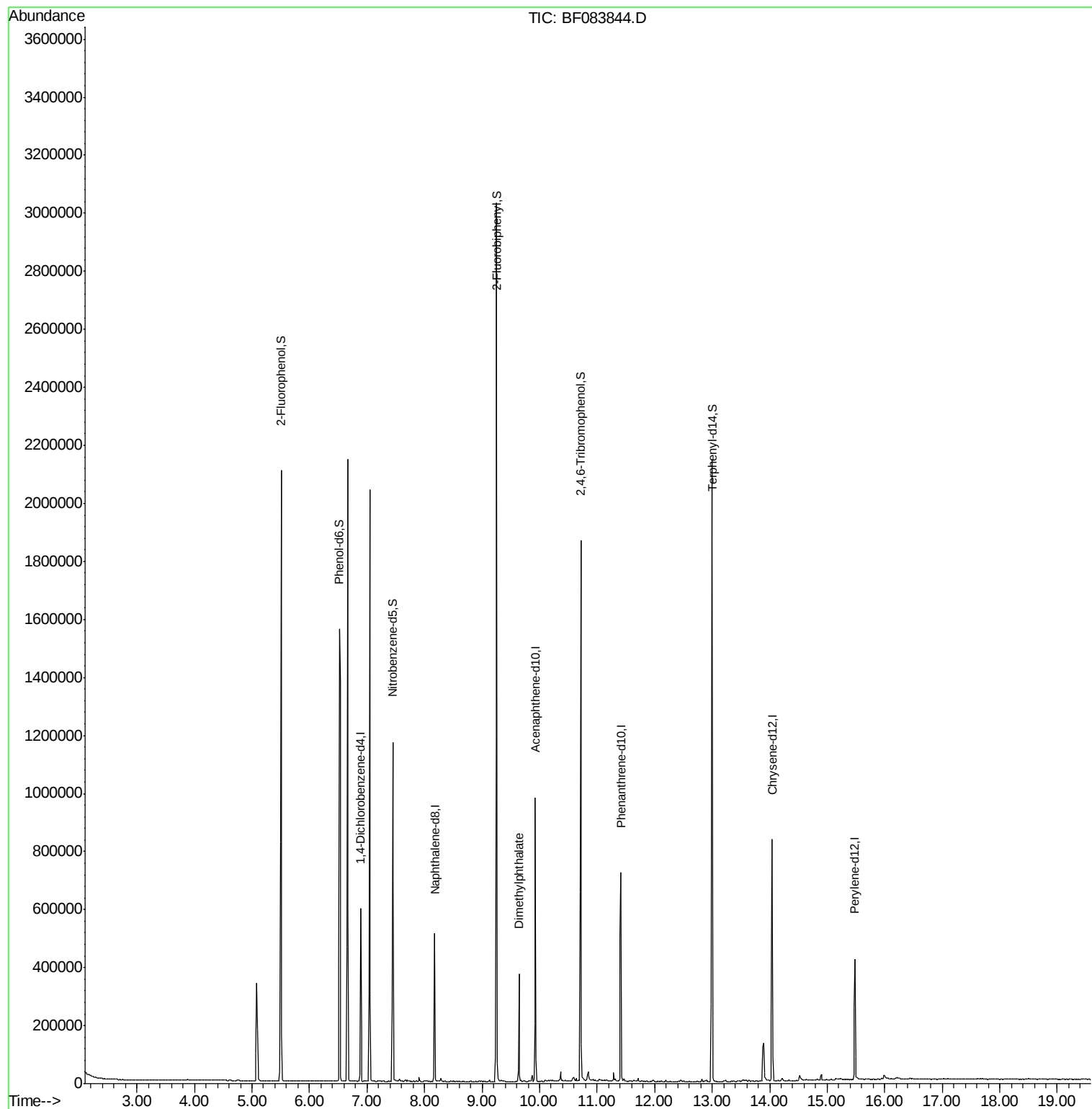
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	91618	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	364434	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	187625	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	339969	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	281661	20.00	ng	-0.03
86) Perylene-d12	15.48	264	195426	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	635841	111.96	ng	-0.02
7) Phenol-d6	6.52	99	897872	124.85	ng	-0.02
23) Nitrobenzene-d5	7.45	82	508796	78.11	ng	-0.03
41) 2,4,6-Tribromophenol	10.72	330	229673	120.13	ng	-0.03
44) 2-Fluorobiphenyl	9.25	172	1012964	76.84	ng	-0.03
78) Terphenyl-d14	13.00	244	1005340	76.78	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.64	163	140539	9.61	ng	99

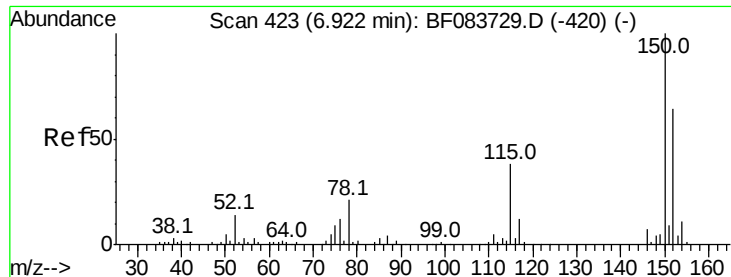
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.03 min

Lab File: BF083844.D

Acq: 16 Dec 2015 13:23

Instrument :

BNA_F

ClientSampleId :

K212-(18-19)

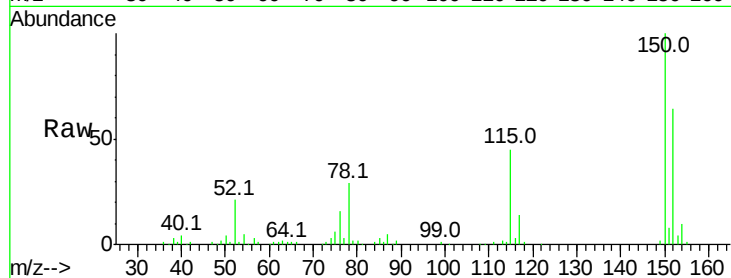
Tot Ion:152 Resp: 91618

Ion Ratio Lower Upper

152 100

150 155.5 126.5 189.7

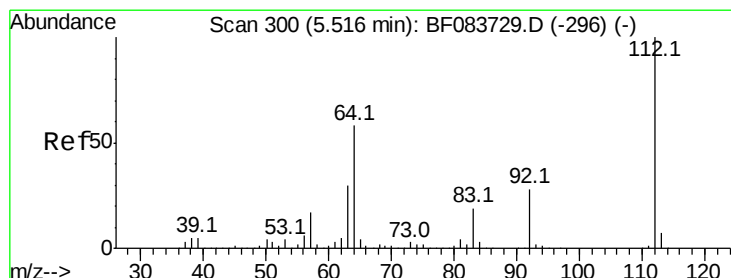
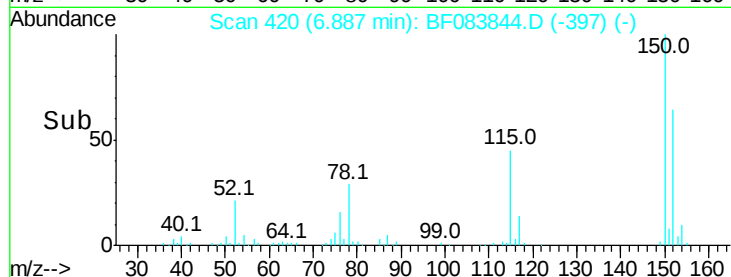
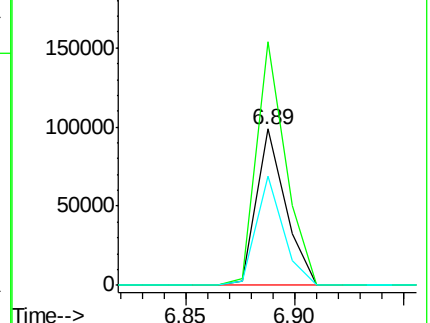
115 69.6 52.3 78.5



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: 111.96 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF083844.D

Acq: 16 Dec 2015 13:23

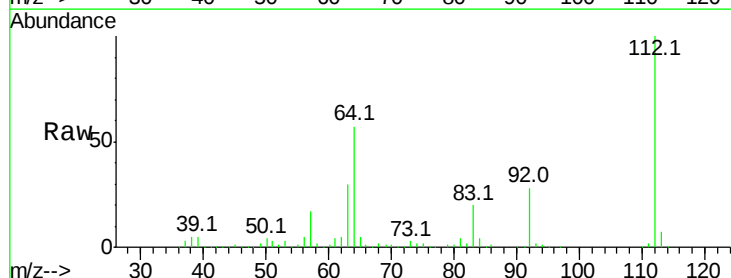
Tgt Ion:112 Resp: 635841

Ion Ratio Lower Upper

112 100

64 56.9 50.5 75.7

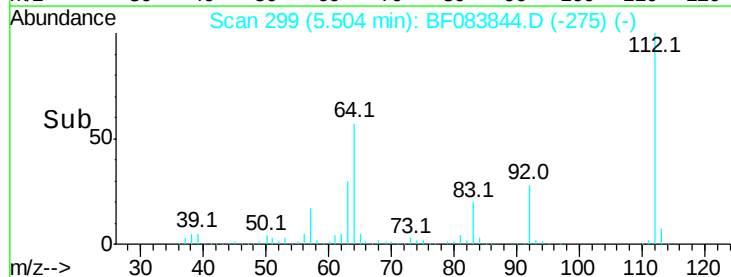
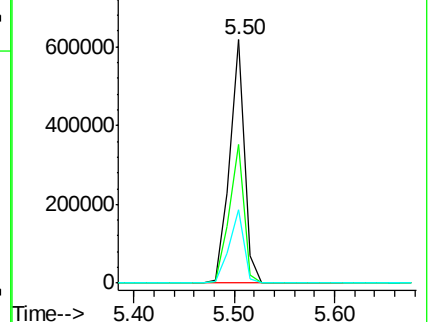
63 30.0 25.8 38.6

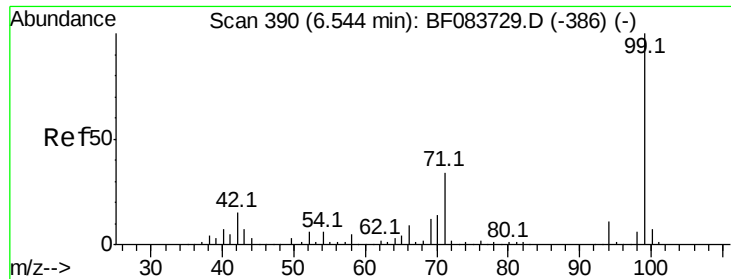


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.85 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083844.D

Acq: 16 Dec 2015 13:23

Instrument :

BNA_F

ClientSampleId :

K212-(18-19)

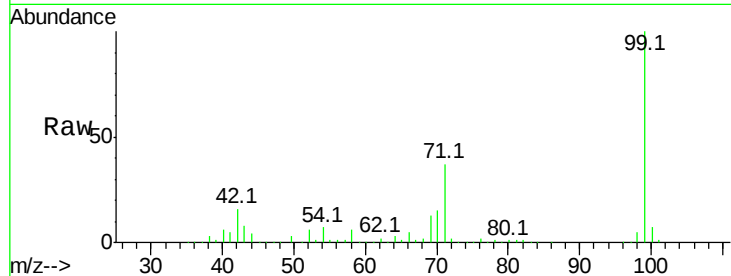
Tot Ion: 99 Resp: 897872

Ion Ratio Lower Upper

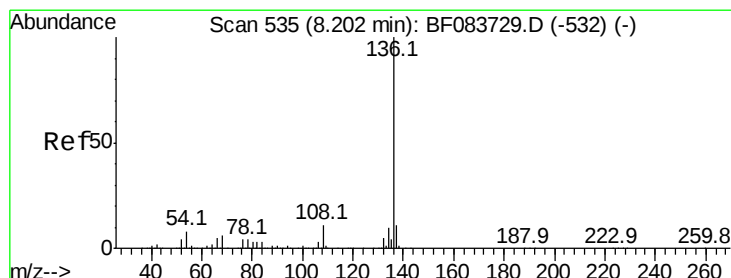
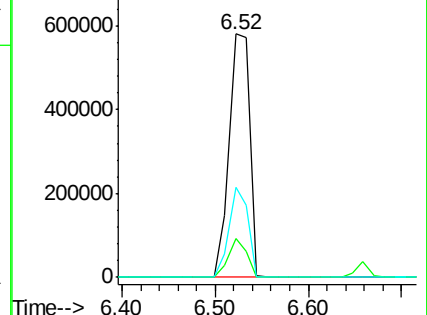
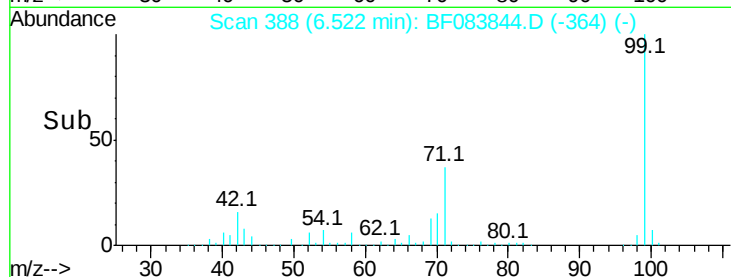
99 100

42 15.9 17.3 25.9#

71 37.0 26.6 40.0



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: 8.18 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF083844.D

Acq: 16 Dec 2015 13:23

Tgt Ion: 136 Resp: 364434

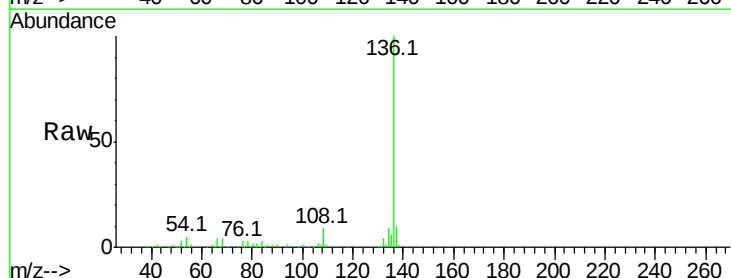
Ion Ratio Lower Upper

136 100

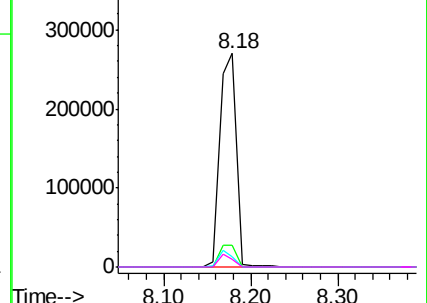
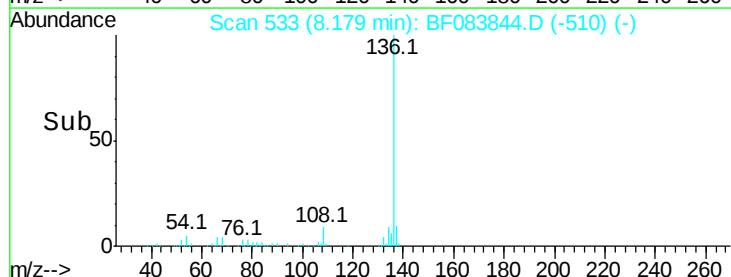
137 10.4 8.7 13.1

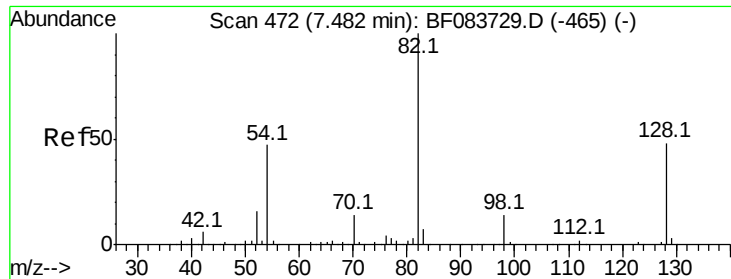
54 4.5 7.8 11.6#

68 3.8 5.7 8.5#



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

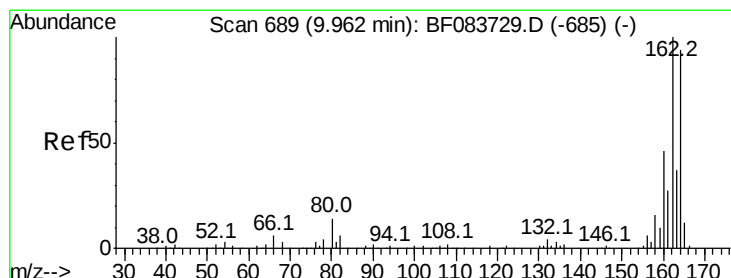
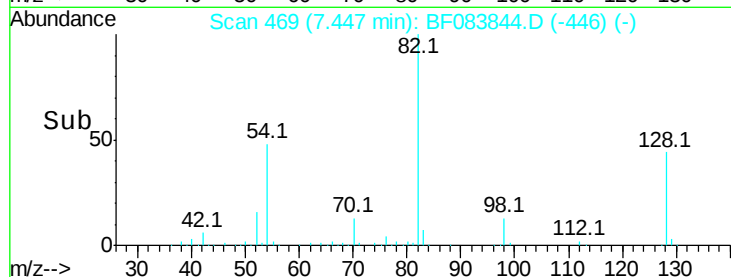
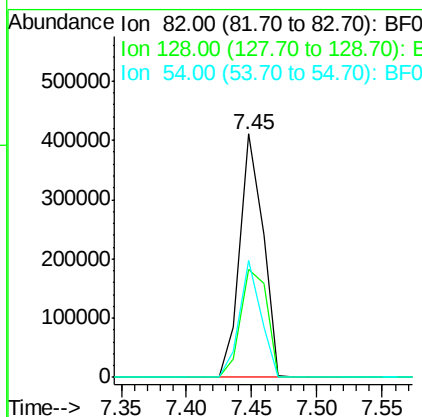
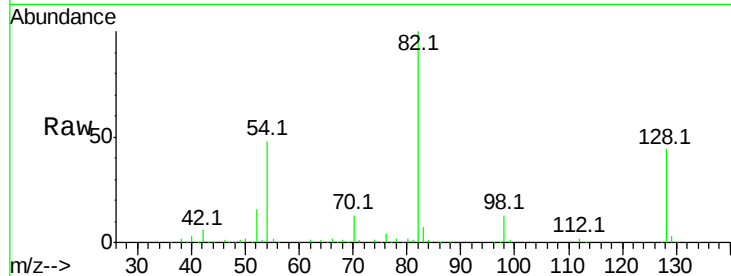




#23
 Nitrobenzene-d5
 Concen: 78.11 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.03 min
 Lab File: BF083844.D
 Acq: 16 Dec 2015 13:23

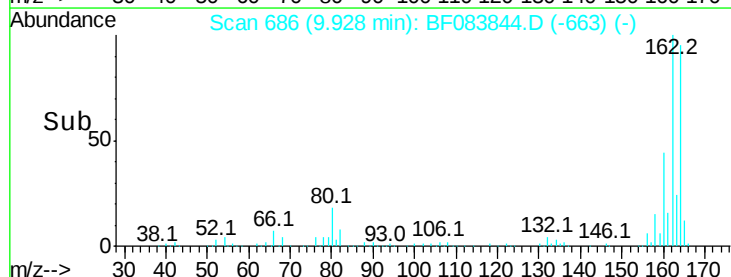
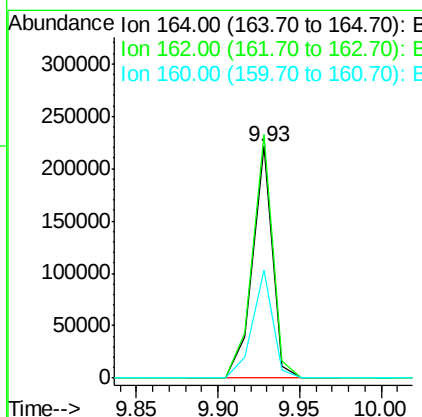
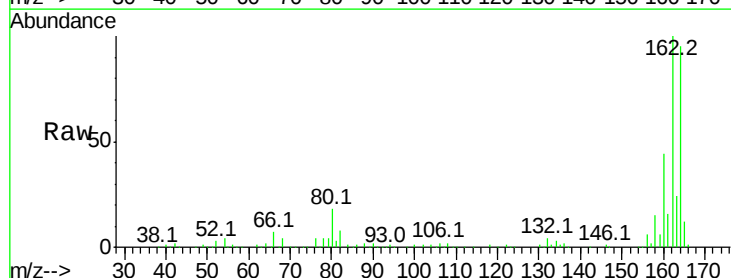
Instrument :
 BNA_F
 ClientSampleId :
 K212-(18-19)

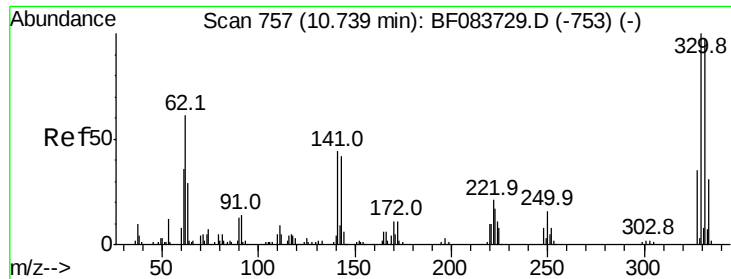
Tot Ion	82	Resp	508796
Ion Ratio	Lower	Upper	
82	100		
128	44.5	30.7	46.1
54	47.8	42.5	63.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.03 min
 Lab File: BF083844.D
 Acq: 16 Dec 2015 13:23

Tgt Ion	164	Resp	187625
Ion Ratio	Lower	Upper	
164	100		
162	105.0	78.8	118.2
160	46.4	33.4	50.2

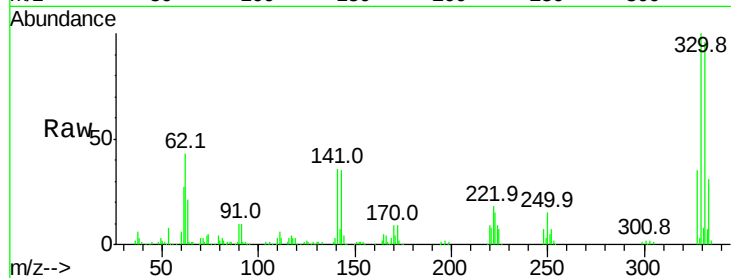




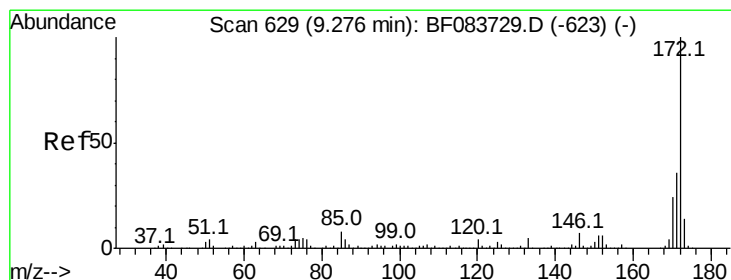
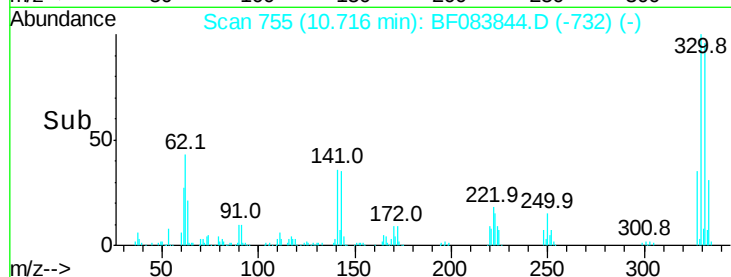
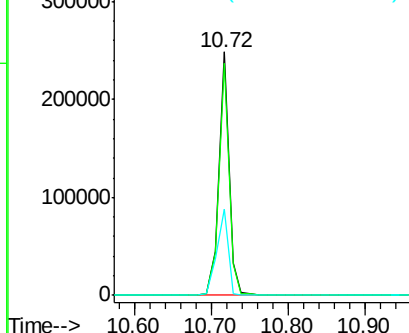
#41
 2,4,6-Tribromophenol
 Concen: 120.13 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.03 min
 Lab File: BF083844.D
 Acq: 16 Dec 2015 13:23

Instrument :
 BNA_F
 ClientSampleId :
 K212-(18-19)

Tot Ion:330 Resp: 229673
 Ion Ratio Lower Upper
 330 100
 332 95.9 0.0 0.0#
 141 39.2 0.0 0.0#

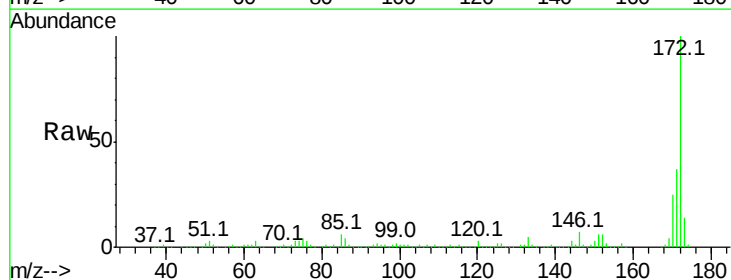


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

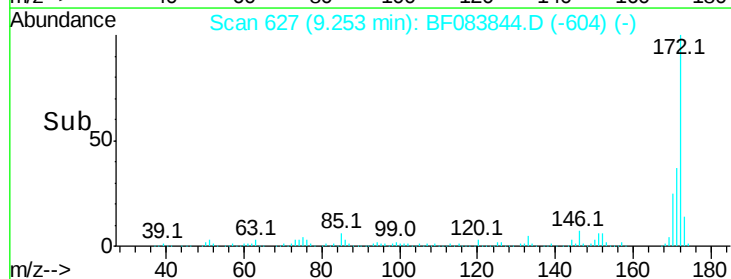
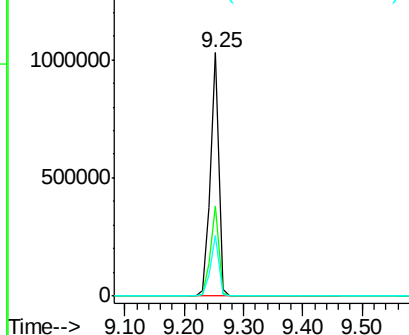


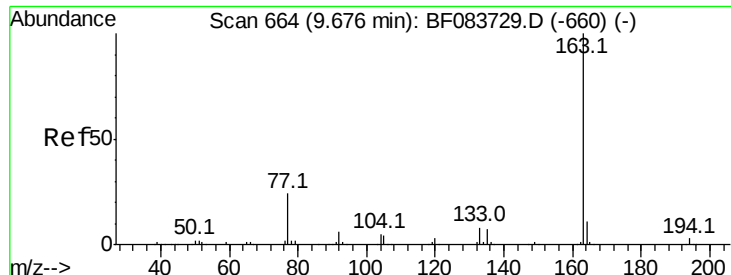
#44
 2-Fluorobiphenyl
 Concen: 76.84 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.03 min
 Lab File: BF083844.D
 Acq: 16 Dec 2015 13:23

Tgt Ion:172 Resp: 1012964
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.6 42.8
 170 24.7 19.4 29.0



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: 9.61 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.05 min

Lab File: BF083844.D

Acq: 16 Dec 2015 13:23

Instrument :

BNA_F

ClientSampleId :

K212-(18-19)

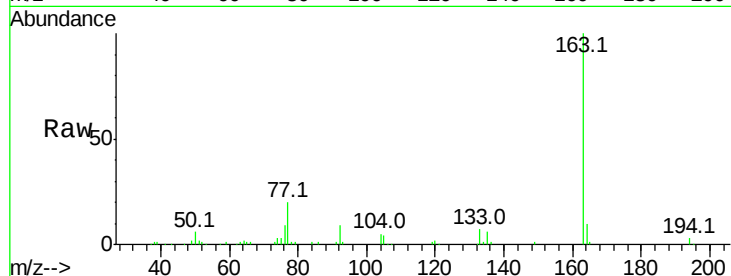
Tot Ion:163 Resp: 140539

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

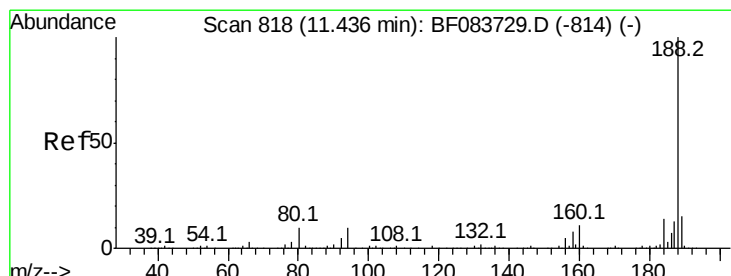
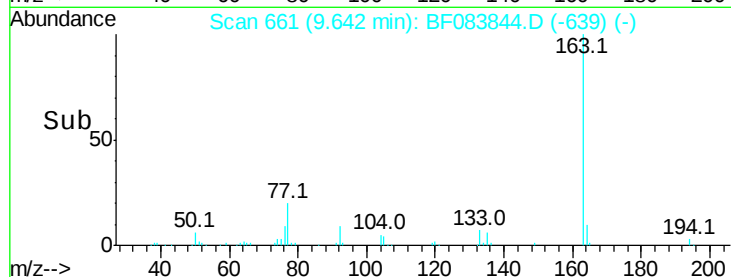
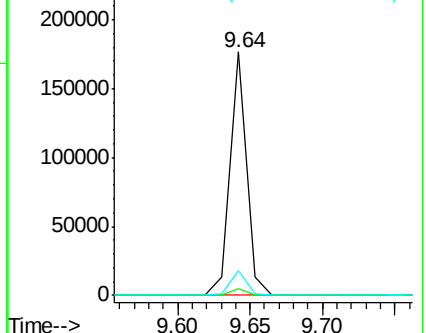
164 10.3 8.6 13.0



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: 11.41 min Scan# 816

Delta R.T. -0.03 min

Lab File: BF083844.D

Acq: 16 Dec 2015 13:23

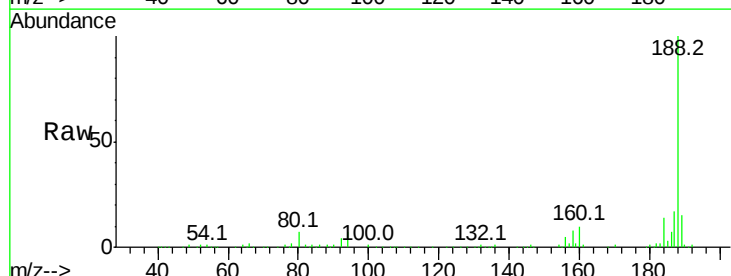
Tgt Ion:188 Resp: 339969

Ion Ratio Lower Upper

188 100

94 7.0 9.4 14.2#

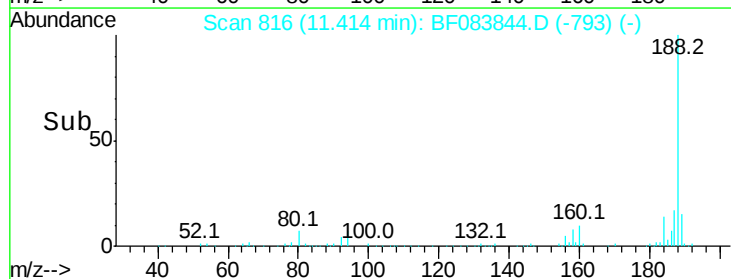
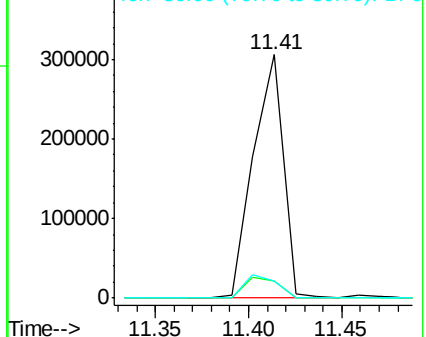
80 6.9 10.6 16.0#

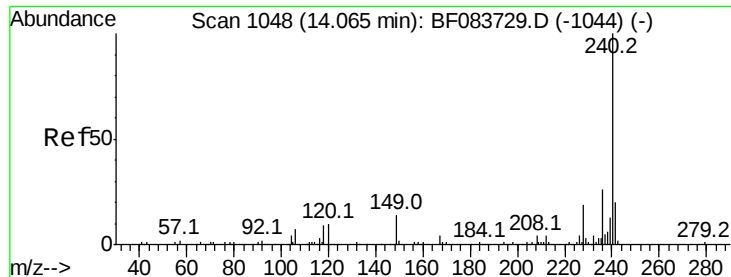


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.04 min Scan# 1046

Delta R.T. -0.03 min

Lab File: BF083844.D

Acq: 16 Dec 2015 13:23

Instrument :

BNA_F

ClientSampleId :

K212-(18-19)

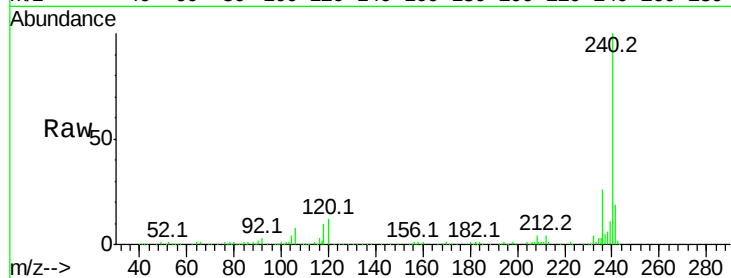
Tot Ion:240 Resp: 281661

Ion Ratio Lower Upper

240 100

120 11.7 8.1 12.1

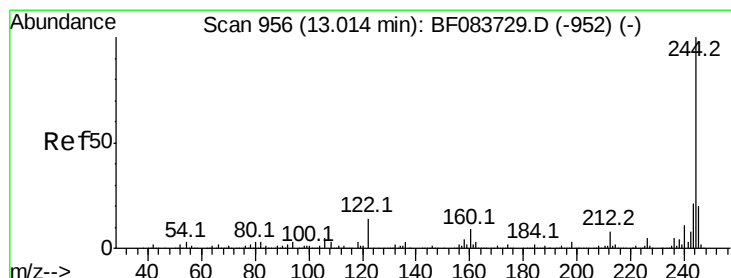
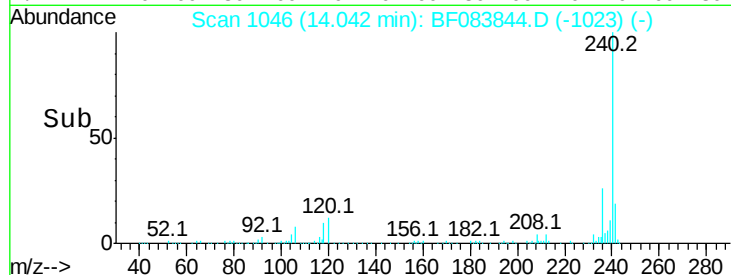
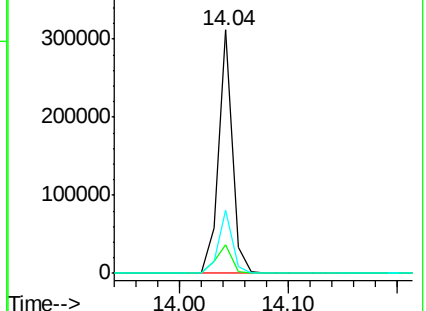
236 25.9 20.8 31.2



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: 76.78 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF083844.D

Acq: 16 Dec 2015 13:23

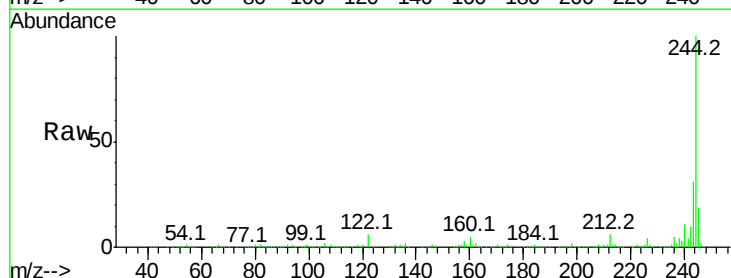
Tgt Ion:244 Resp: 1005340

Ion Ratio Lower Upper

244 100

212 6.4 6.1 9.1

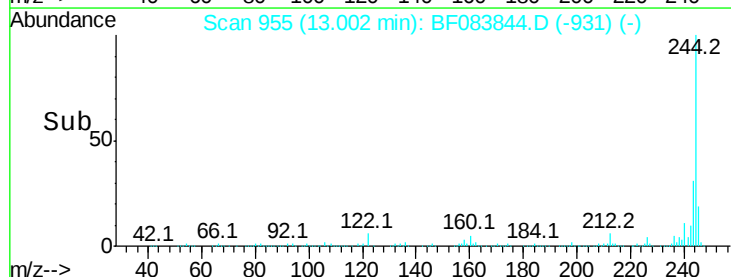
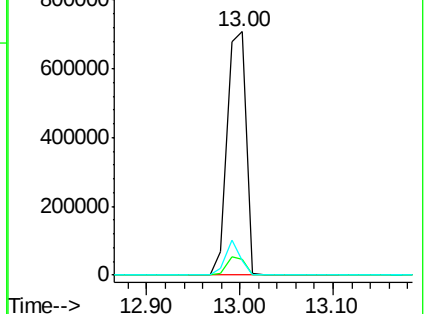
122 6.0 11.0 16.6#

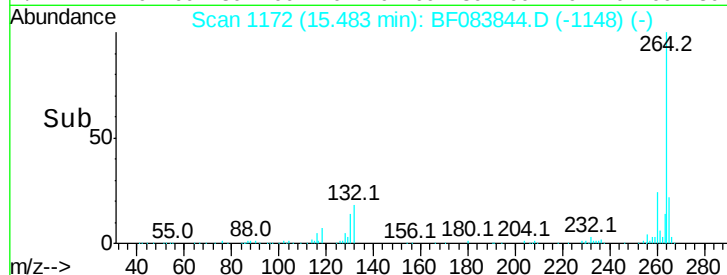
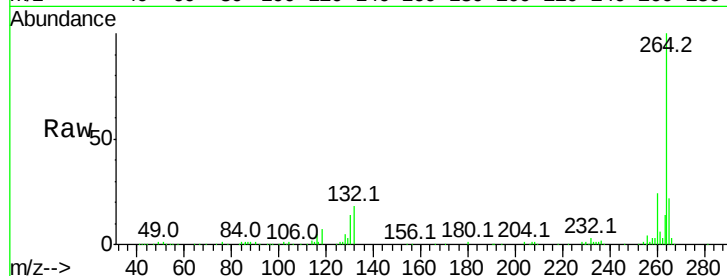
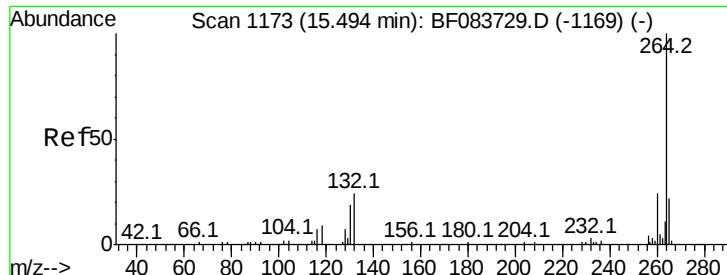


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF083844.D
 Acq: 16 Dec 2015 13:23

Instrument :
 BNA_F
 ClientSampleId :
 K212-(18-19)

Tot Ion:	264	Resp:	195426
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	21.6	17.8	26.6

