

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121615\
 Data File : BF083860.D
 Acq On : 16 Dec 2015 20:49
 Operator : UM/SJ
 Sample : G4775-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-C-20150874

Quant Time: Dec 17 04:36:50 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

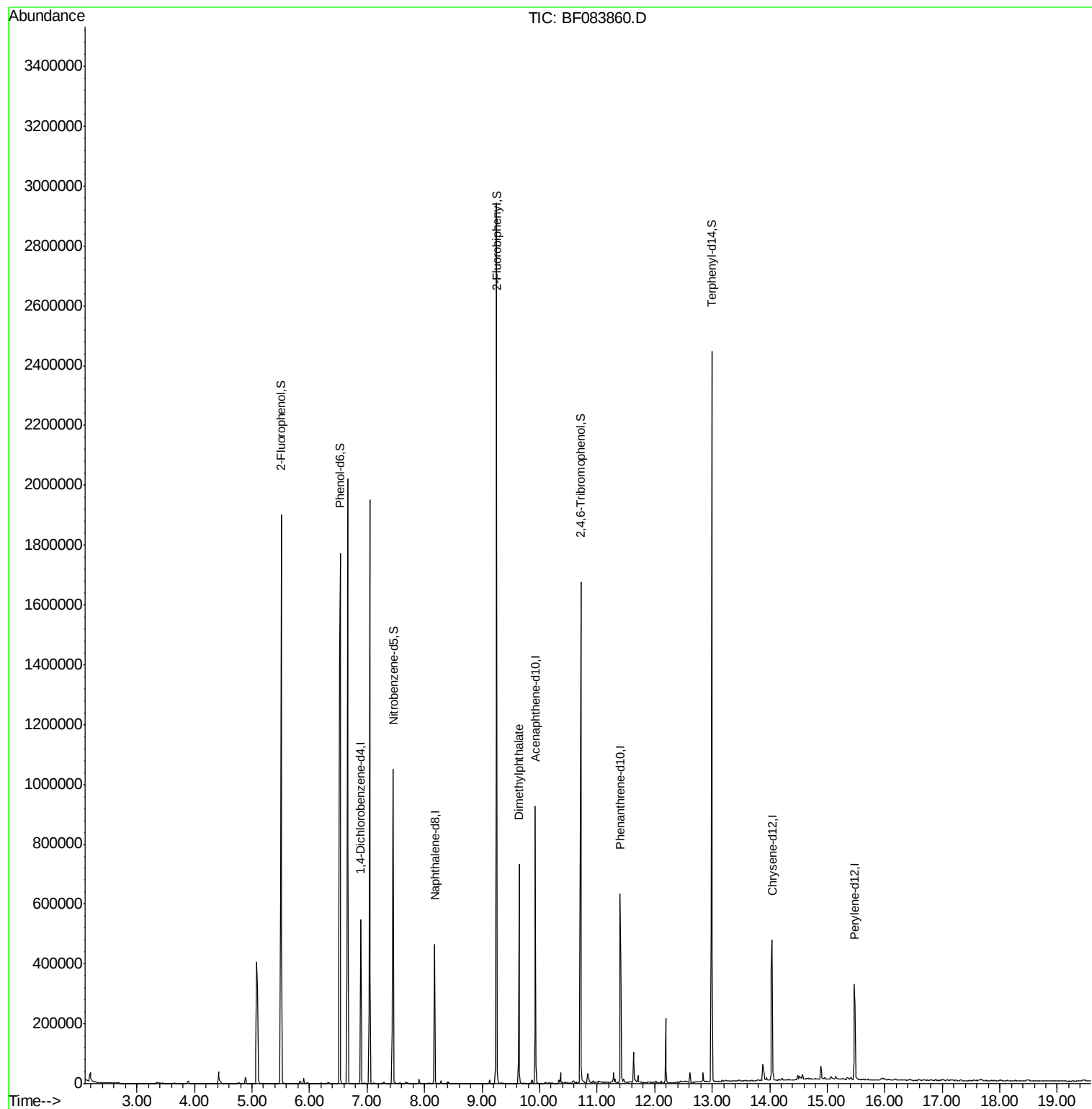
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	84095	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	333623	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	172323	20.00	ng	-0.03
63) Phenanthrene-d10	11.40	188	292000	20.00	ng	-0.05
75) Chrysene-d12	14.04	240	209678	20.00	ng	-0.03
86) Perylene-d12	15.47	264	169224	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	623298	119.57	ng	-0.02
7) Phenol-d6	6.53	99	920374	139.42	ng	-0.01
23) Nitrobenzene-d5	7.46	82	545203	91.43	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	230883	131.49	ng	-0.03
44) 2-Fluorobiphenyl	9.25	172	972225	81.68	ng	-0.03
78) Terphenyl-d14	12.99	244	746614	76.59	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.64	163	269231	20.04	ng	99

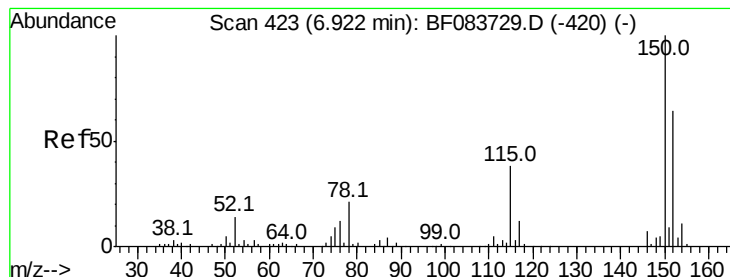
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083860.D

Acq: 16 Dec 2015 20:49

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BNA_F

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COMPOSITE-C-20150874

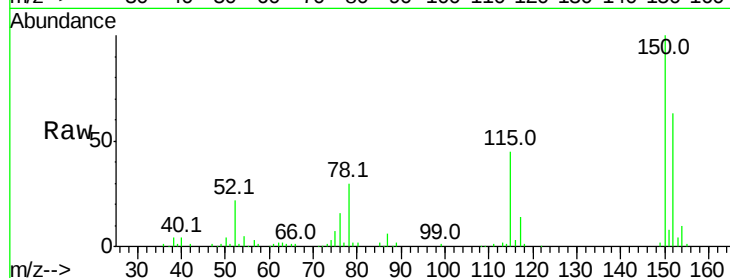
Tot Ion:152 Resp: 84095

Ion Ratio Lower Upper

152 100

150 158.4 126.5 189.7

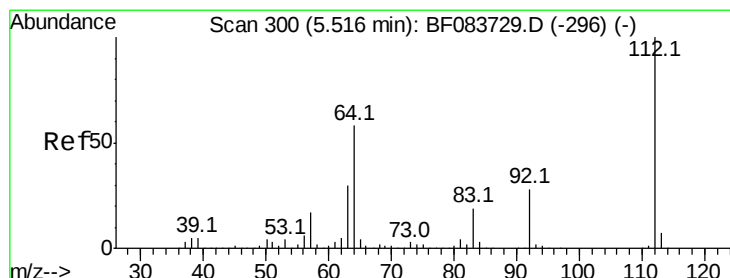
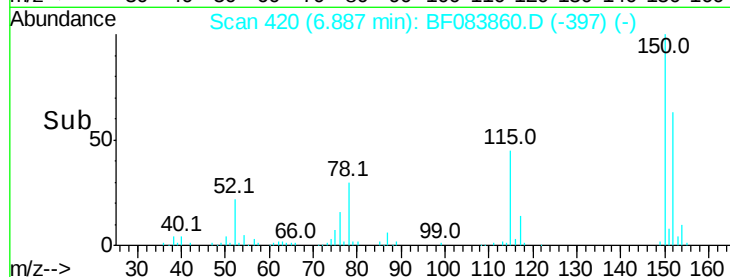
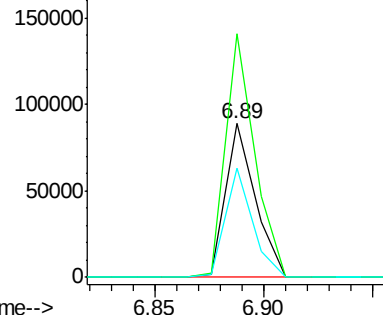
115 71.3 52.3 78.5



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: 119.57 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF083860.D

Acq: 16 Dec 2015 20:49

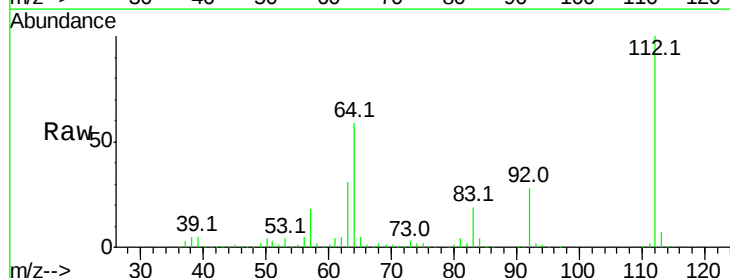
Tgt Ion:112 Resp: 623298

Ion Ratio Lower Upper

112 100

64 59.1 50.5 75.7

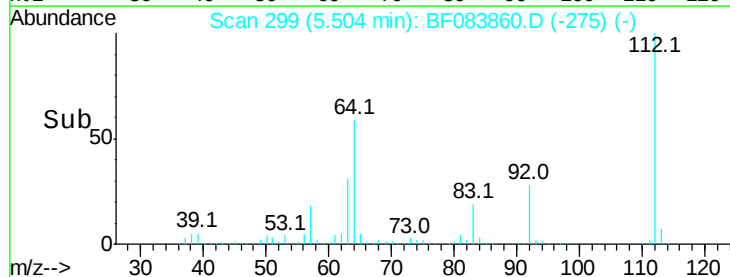
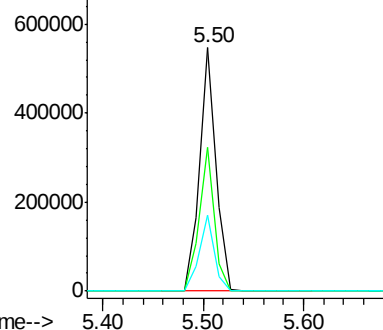
63 31.0 25.8 38.6

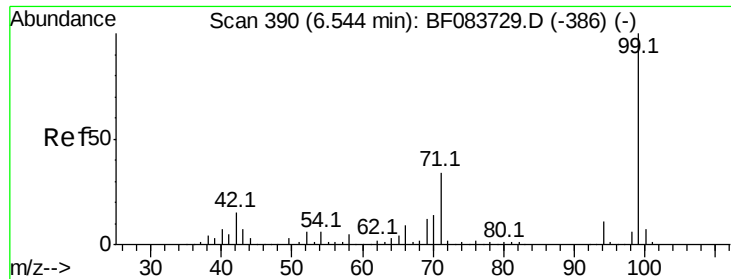


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 139.42 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083860.D

Acq: 16 Dec 2015 20:49

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-C-20150874

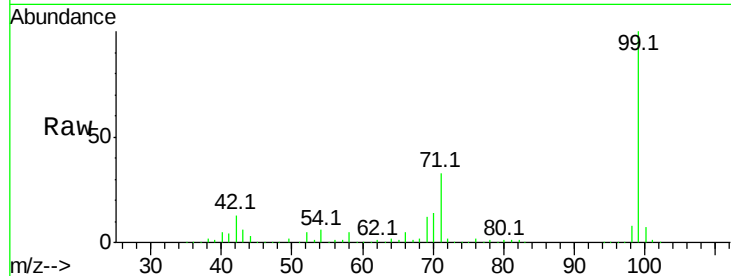
Tot Ion: 99 Resp: 920374

Ion Ratio Lower Upper

99 100

42 13.0 17.3 25.9#

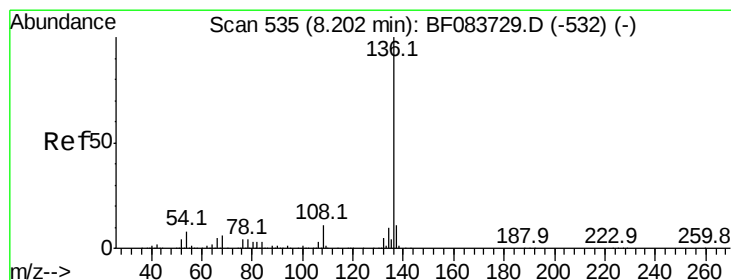
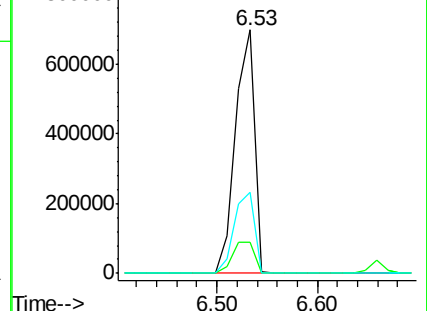
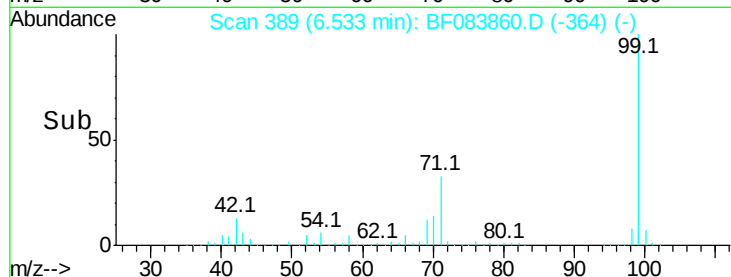
71 33.5 26.6 40.0



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: BF083860.D

Acq: 16 Dec 2015 20:49

Tgt Ion: 136 Resp: 333623

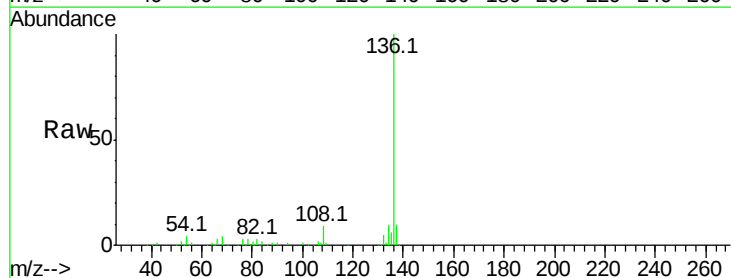
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 4.4 7.8 11.6#

68 3.7 5.7 8.5#

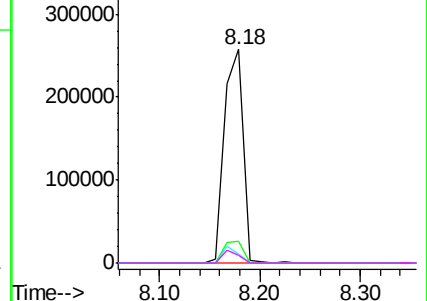
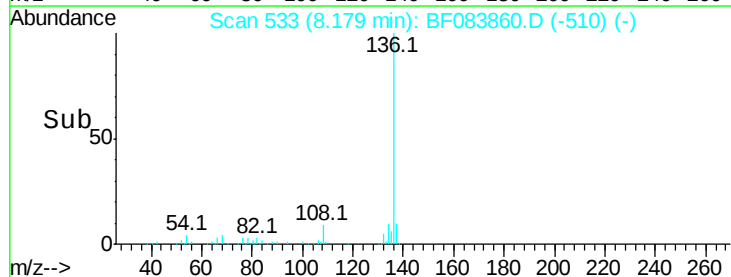


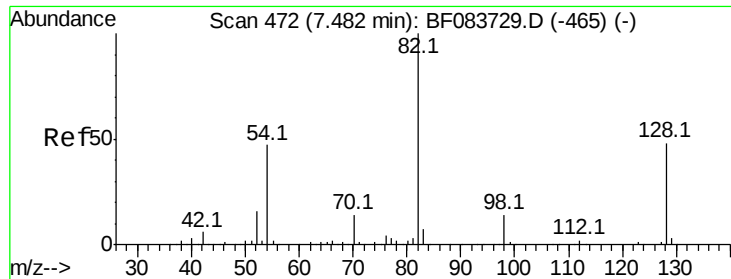
Abundance Ion 136.00 (135.70 to 136.70): E

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

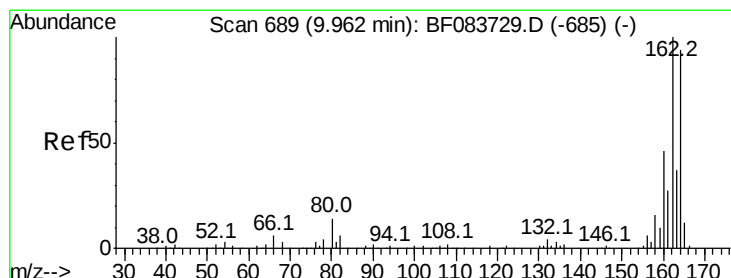
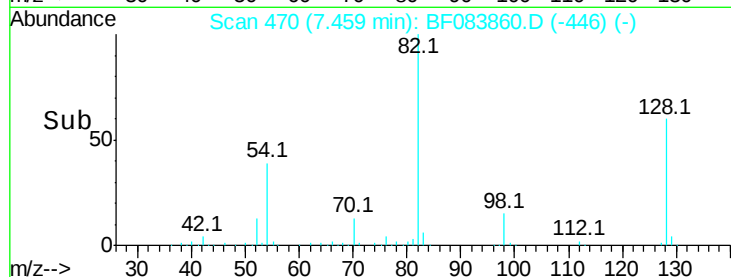
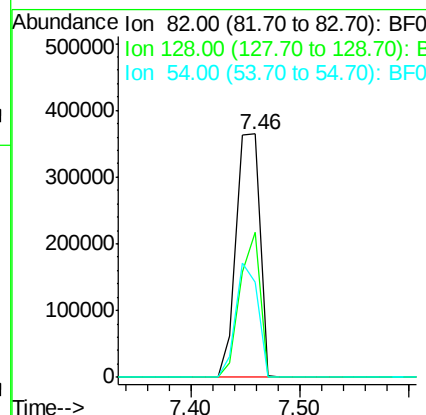
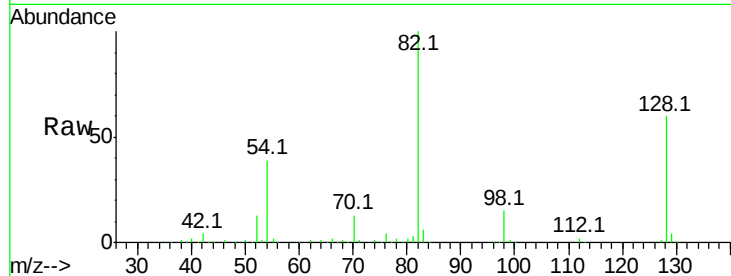




#23
 Nitrobenzene-d5
 Concen: 91.43 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083860.D
 Acq: 16 Dec 2015 20:49

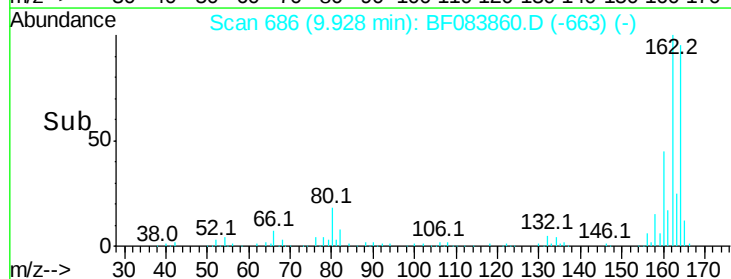
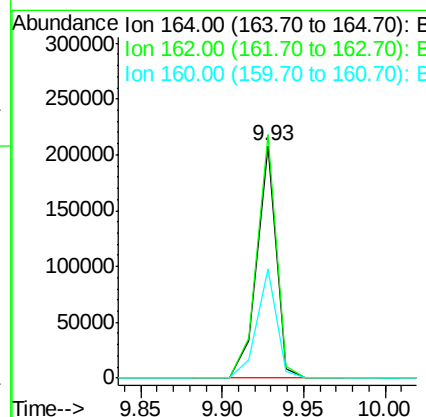
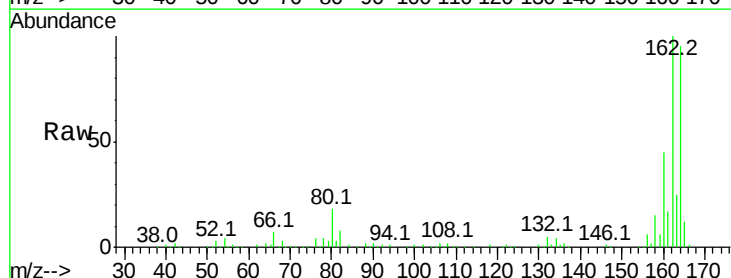
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-C-20150874

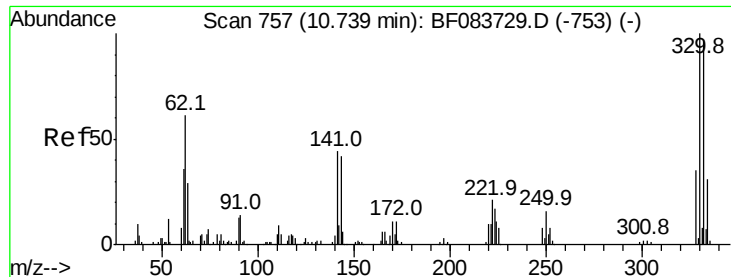
Tot Ion	Ratio	Lower	Upper
82	100		
128	59.7	30.7	46.1
54	38.8	42.5	63.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.03 min
 Lab File: BF083860.D
 Acq: 16 Dec 2015 20:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	78.8	118.2
160	46.8	33.4	50.2

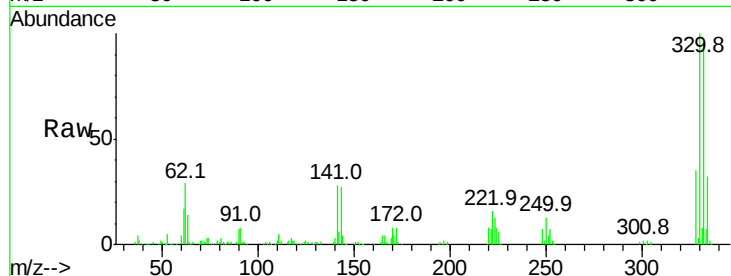




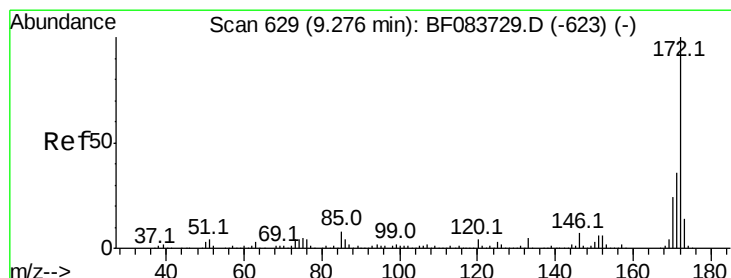
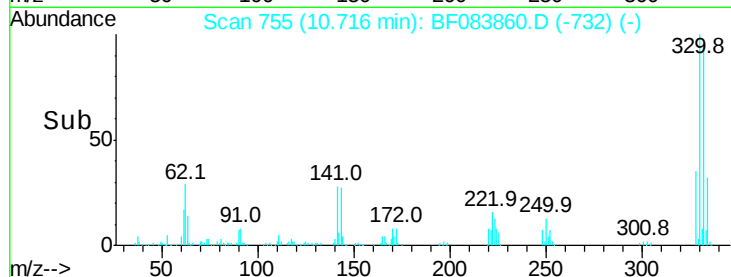
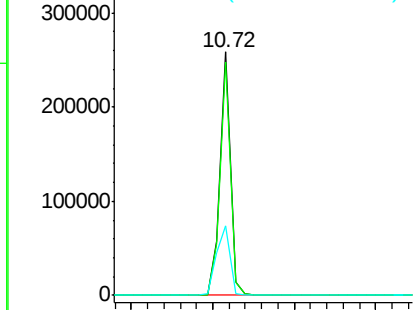
#41
 2,4,6-Tribromophenol
 Concen: 131.49 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.03 min
 Lab File: BF083860.D
 Acq: 16 Dec 2015 20:49

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-C-20150874

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	36.6	0.0	0.0#

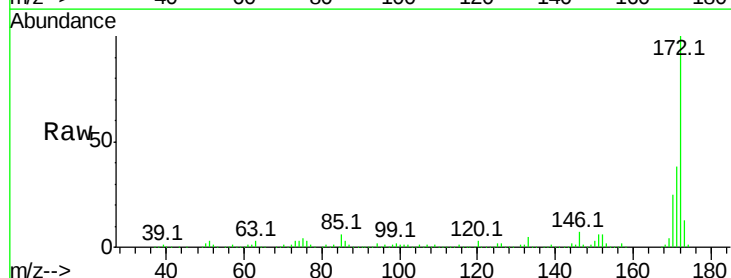


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

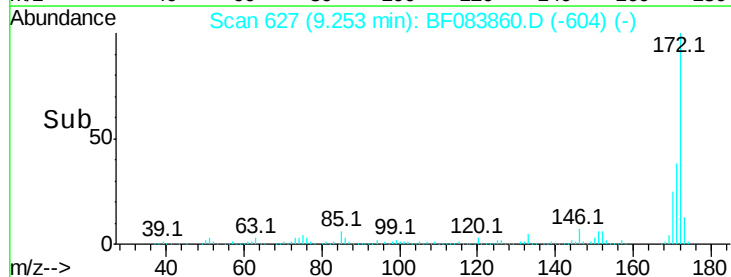
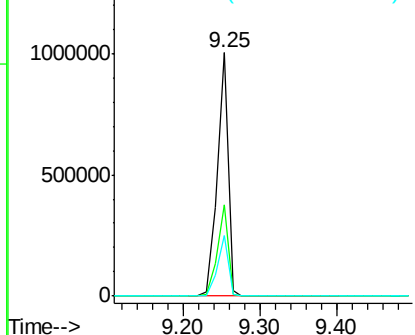


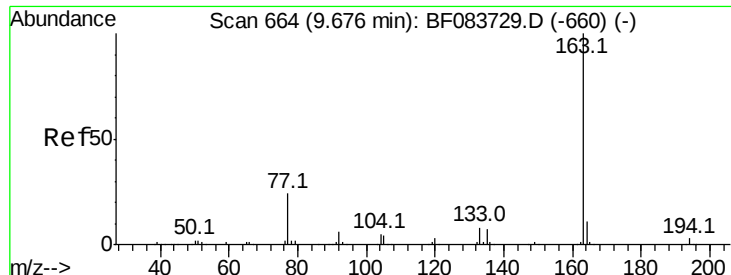
#44
 2-Fluorobiphenyl
 Concen: 81.68 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.03 min
 Lab File: BF083860.D
 Acq: 16 Dec 2015 20:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	28.6	42.8
170	24.9	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

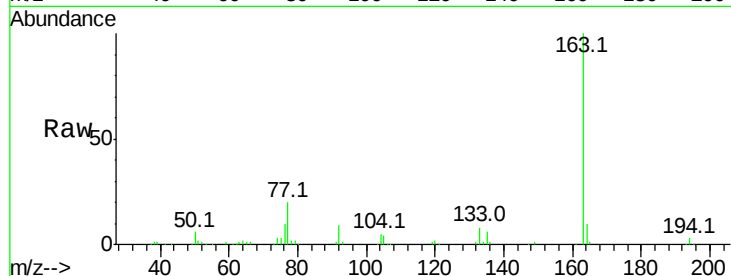




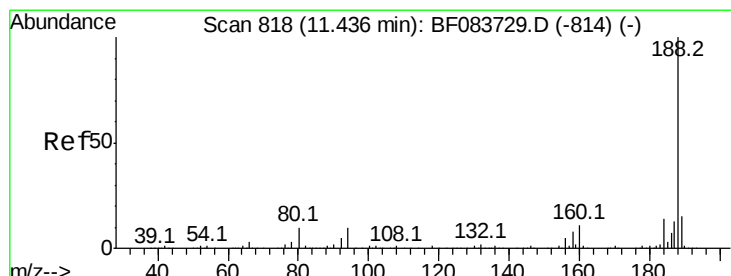
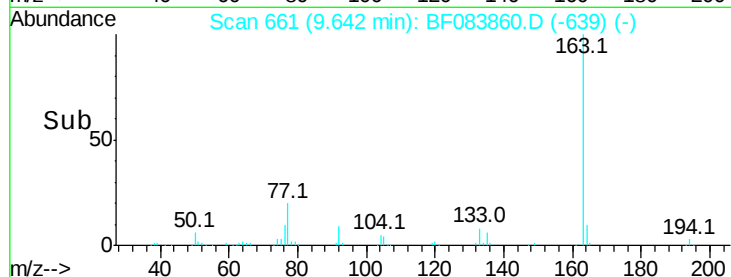
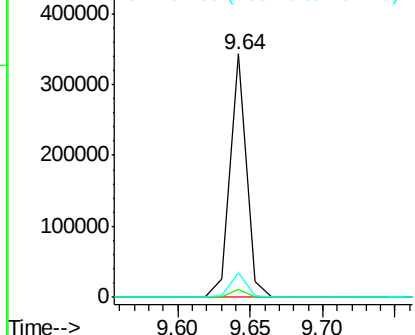
#49
Dimethylphthalate
Concen: 20.04 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.05 min
Lab File: BF083860.D
Acq: 16 Dec 2015 20:49

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-C-20150874

Tot Ion:163 Resp: 269231
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.2 8.6 13.0

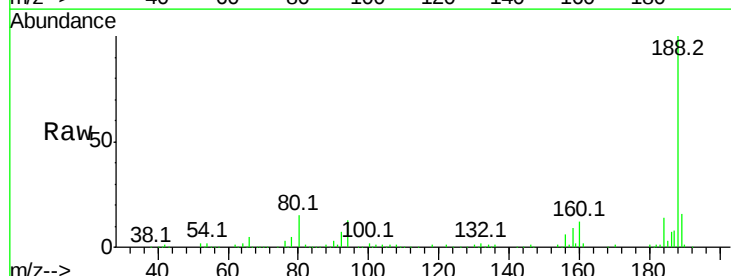


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

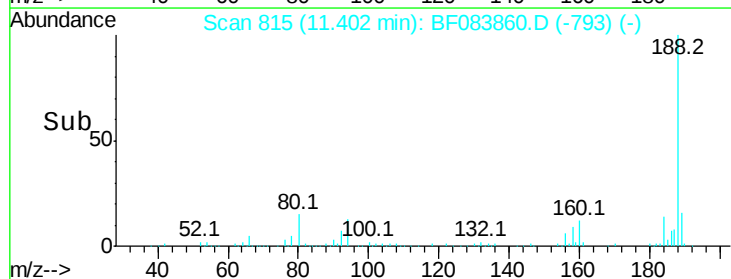
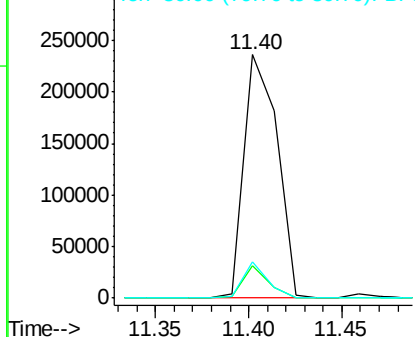


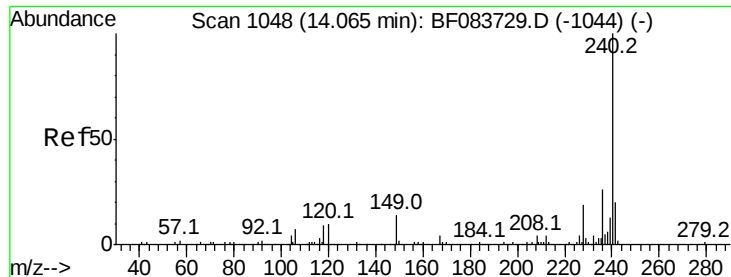
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.05 min
Lab File: BF083860.D
Acq: 16 Dec 2015 20:49

Tgt Ion:188 Resp: 292000
Ion Ratio Lower Upper
188 100
94 13.4 9.4 14.2
80 14.9 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: BF083860.D

Acq: 16 Dec 2015 20:49

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-C-20150874

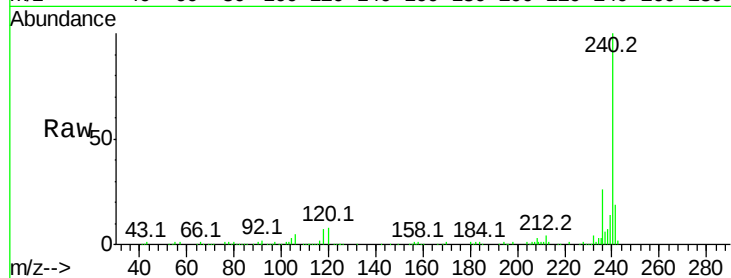
Tot Ion:240 Resp: 209678

Ion Ratio Lower Upper

240 100

120 8.2 8.1 12.1

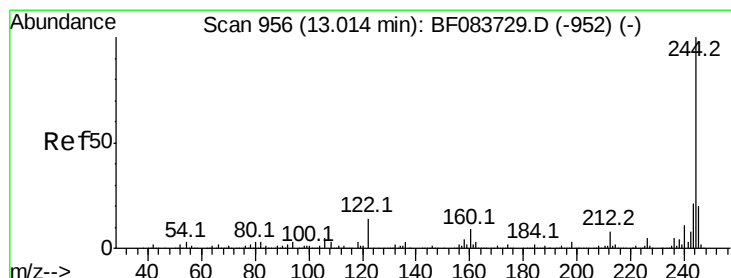
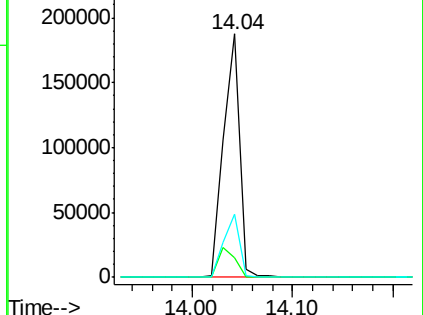
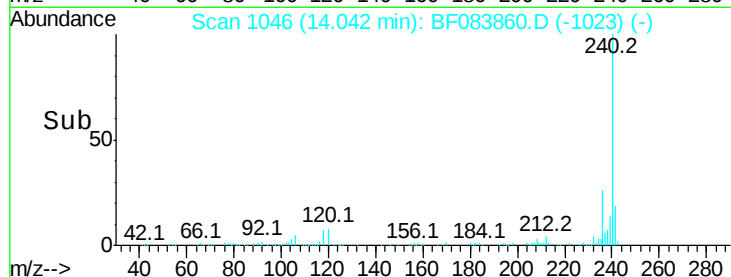
236 25.7 20.8 31.2



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: 76.59 ng

RT: 12.99 min Scan# 954

Delta R.T. -0.03 min

Lab File: BF083860.D

Acq: 16 Dec 2015 20:49

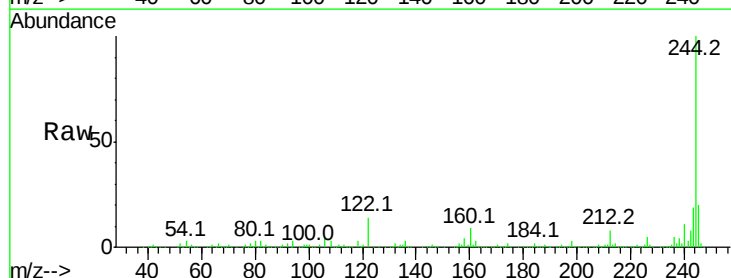
Tgt Ion:244 Resp: 746614

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

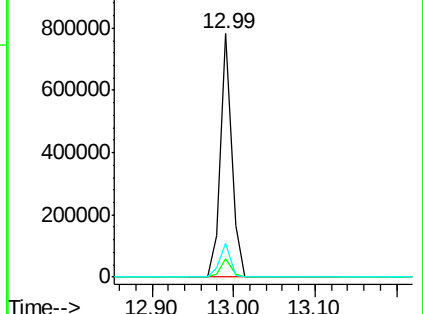
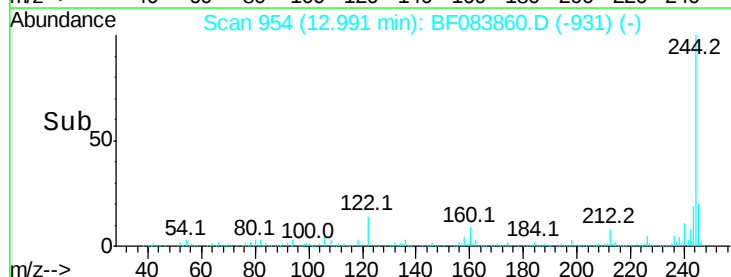
122 13.6 11.0 16.6

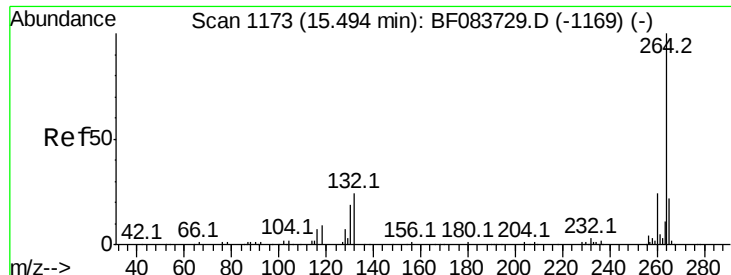


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

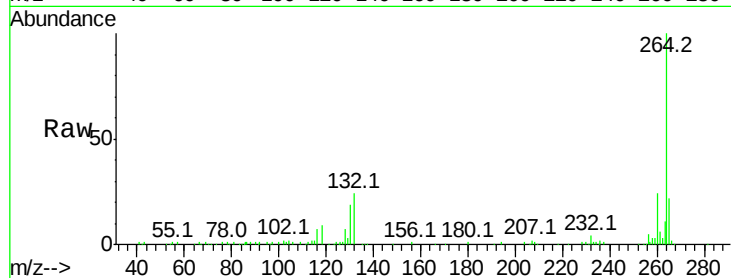




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 1171
 Delta R.T. -0.03 min
 Lab File: BF083860.D
 Acq: 16 Dec 2015 20:49

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-C-20150874

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	22.1	17.8	26.6



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

