

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083772.D
 Acq On : 14 Dec 2015 11:36
 Operator : UM/IZ
 Sample : G4761-02
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-2

Quant Time: Dec 14 12:20:11 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

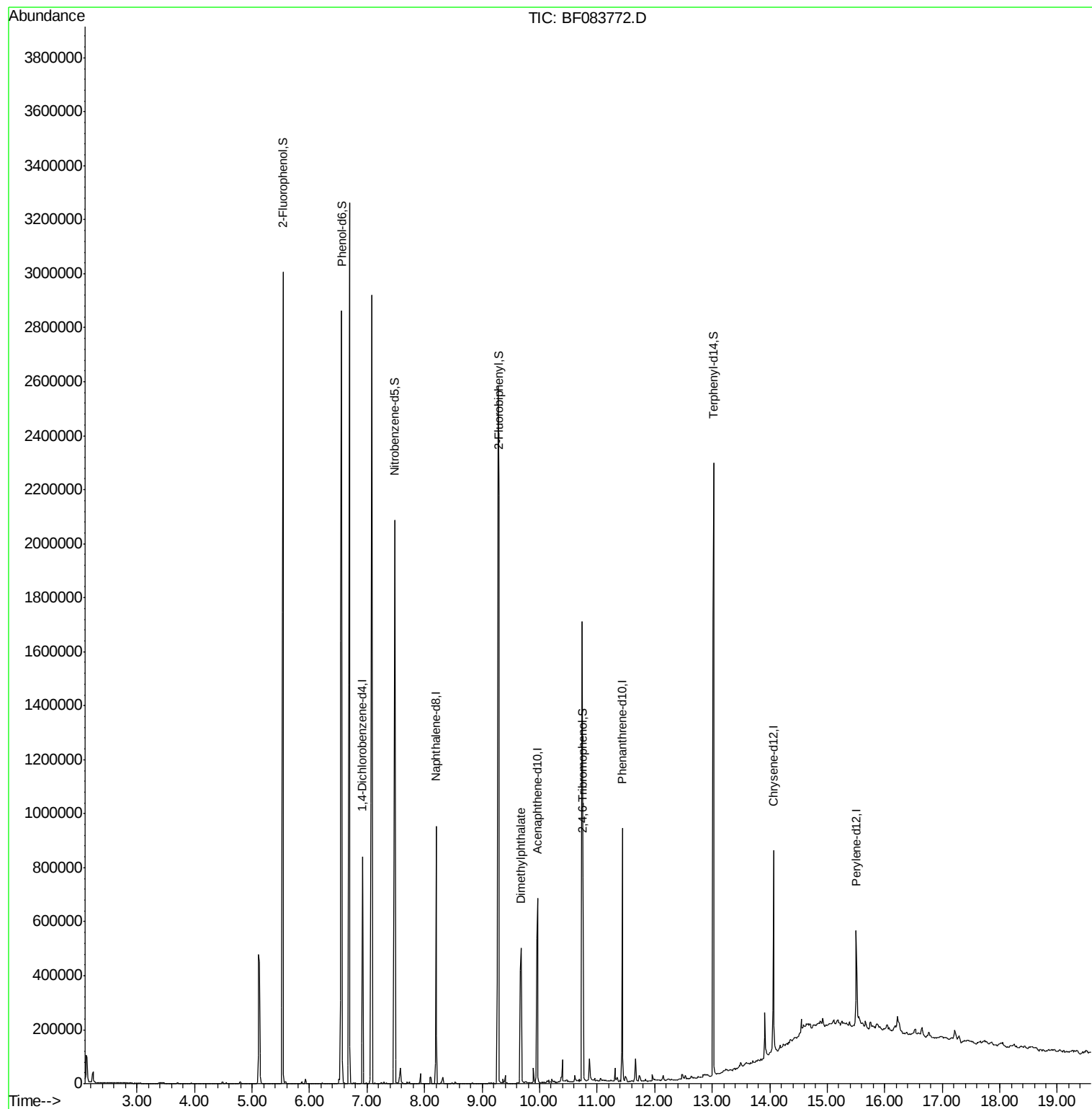
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	118047	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	412984	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	184031	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	306784	20.00	ng	-0.01
75) Chrysene-d12	14.06	240	242606	20.00	ng	-0.01
86) Perylene-d12	15.51	264	168520	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1013730	138.54	ng	0.01
7) Phenol-d6	6.56	99	1223033	131.98	ng	0.01
23) Nitrobenzene-d5	7.48	82	727143	98.51	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	252841	134.83	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1233734	106.66	ng	0.00
78) Terphenyl-d14	13.02	244	936453	83.03	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.68	163	311773	21.73	ng	Qvalue 98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF083772.D

Acq: 14 Dec 2015 11:36

Instrument :

BNA_F

ClientSampleId :

BOTTOM-2

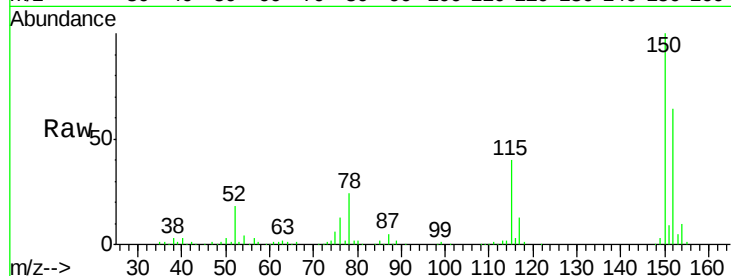
Tot Ion:152 Resp: 118047

Ion Ratio Lower Upper

152 100

150 155.3 126.5 189.7

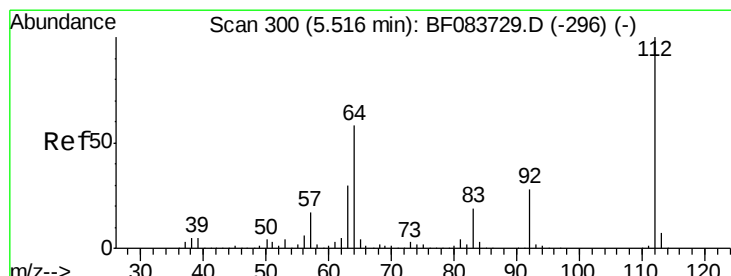
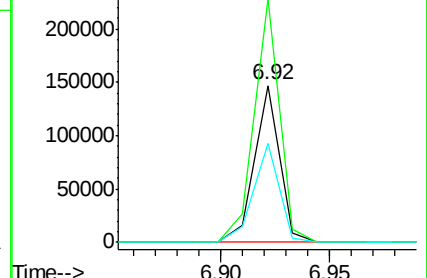
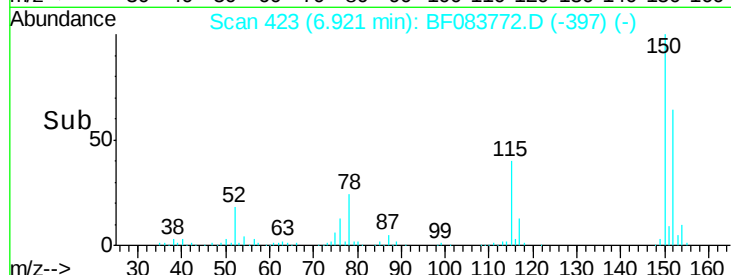
115 62.8 52.3 78.5



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: 138.54 ng

RT: 5.54 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083772.D

Acq: 14 Dec 2015 11:36

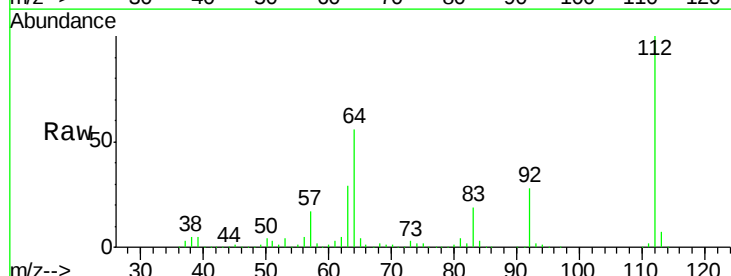
Tgt Ion:112 Resp: 1013730

Ion Ratio Lower Upper

112 100

64 55.8 50.5 75.7

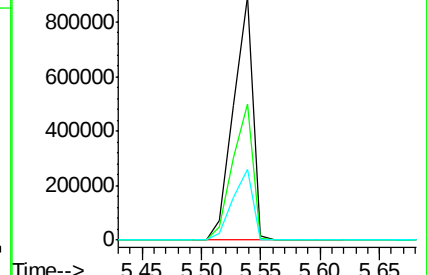
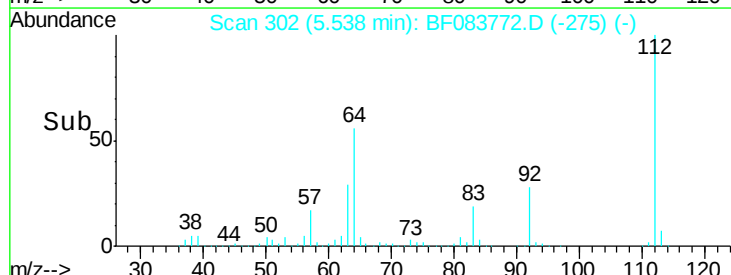
63 29.0 25.8 38.6

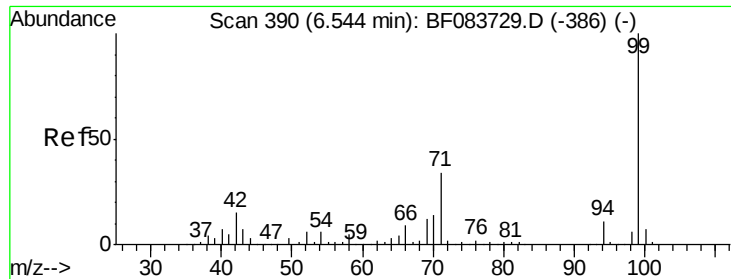


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 131.98 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF083772.D

Acq: 14 Dec 2015 11:36

Instrument :

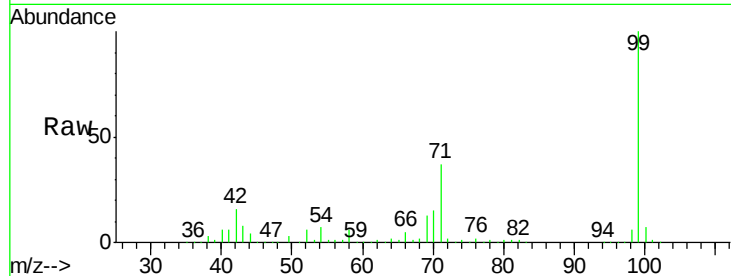
BNA_F

ClientSampleId :

BOTTOM-2

Tot Ion: 99 Resp: 1223033

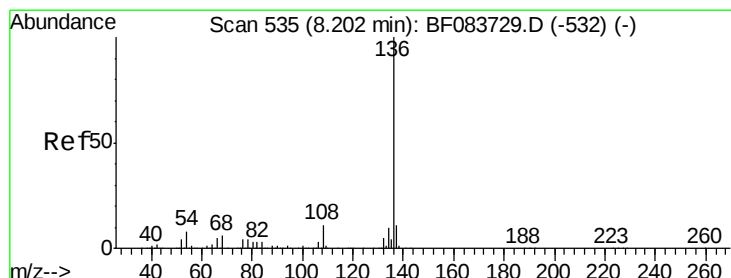
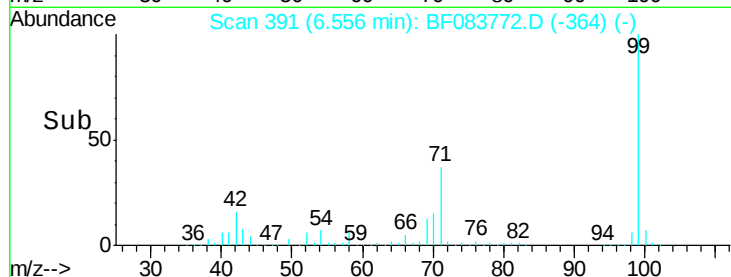
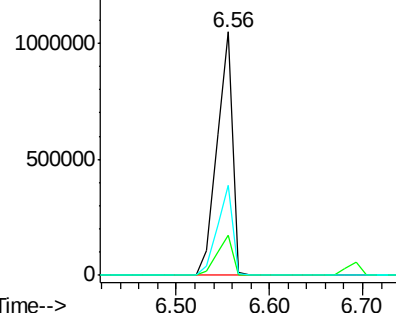
Ion	Ratio	Lower	Upper
99	100		
42	16.5	17.3	25.9#
71	36.8	26.6	40.0



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: 8.20 min Scan# 535

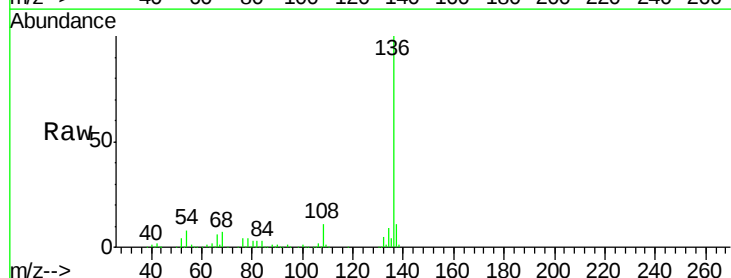
Delta R.T. -0.01 min

Lab File: BF083772.D

Acq: 14 Dec 2015 11:36

Tgt Ion: 136 Resp: 412984

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	8.1	7.8	11.6
68	6.5	5.7	8.5

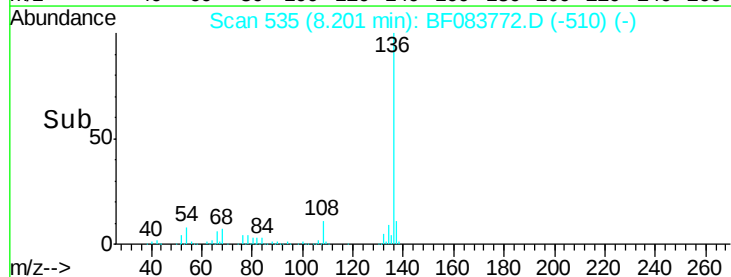
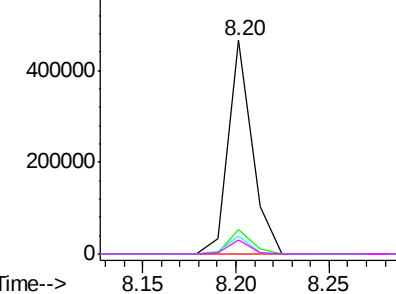


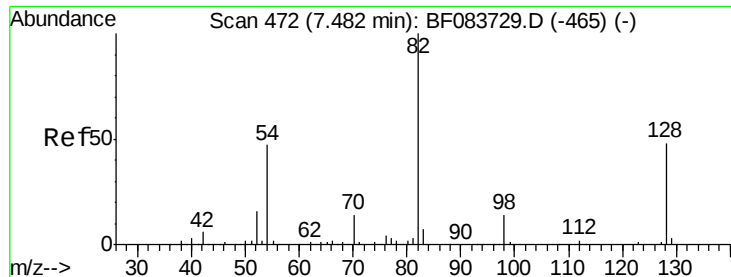
Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.51 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.00 min

Lab File: BF083772.D

Acq: 14 Dec 2015 11:36

Instrument :

BNA_F

ClientSampleId :

BOTTOM-2

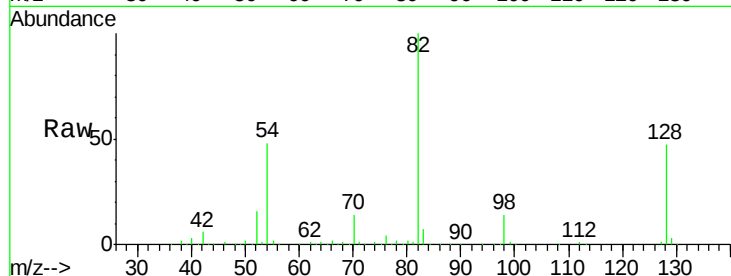
Tot Ion: 82 Resp: 727143

Ion Ratio Lower Upper

82 100

128 46.8 30.7 46.1#

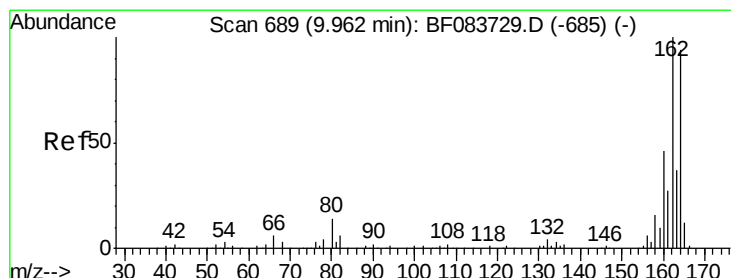
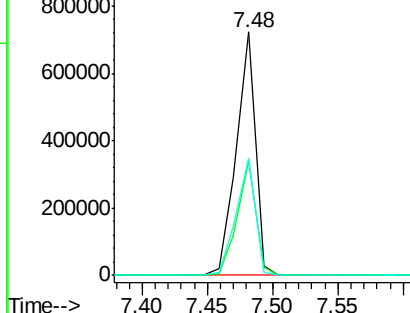
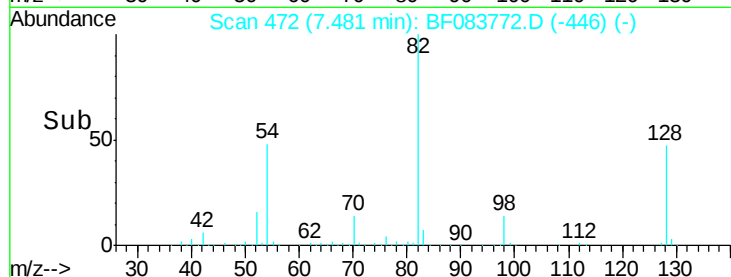
54 48.0 42.5 63.7



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: 9.96 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF083772.D

Acq: 14 Dec 2015 11:36

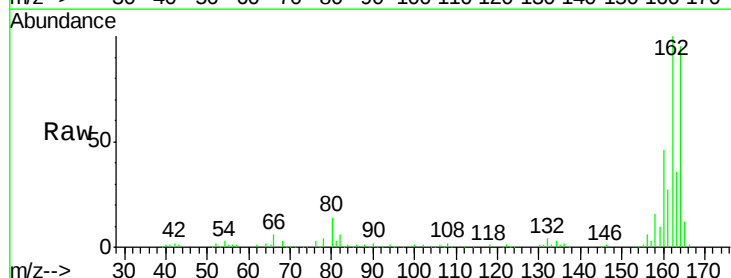
Tgt Ion:164 Resp: 184031

Ion Ratio Lower Upper

164 100

162 105.6 78.8 118.2

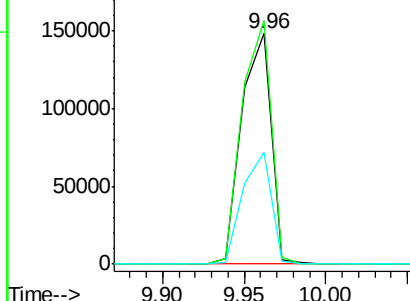
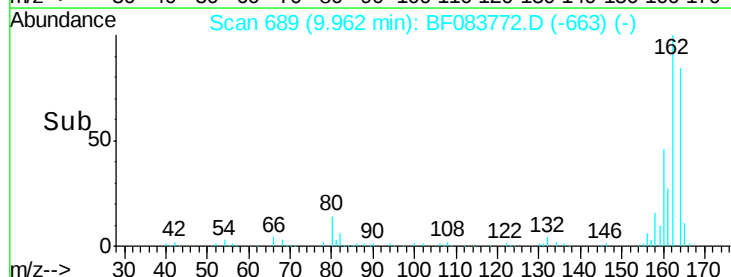
160 48.6 33.4 50.2

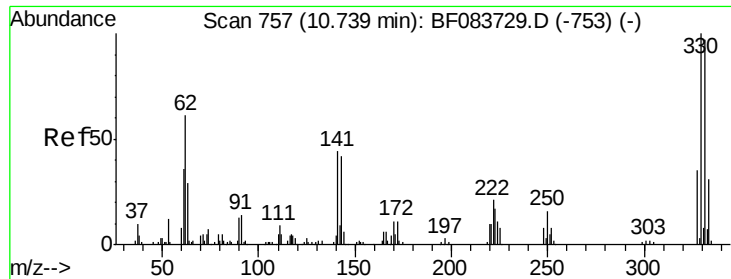


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

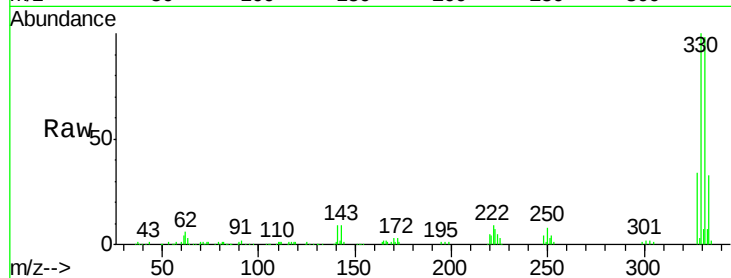




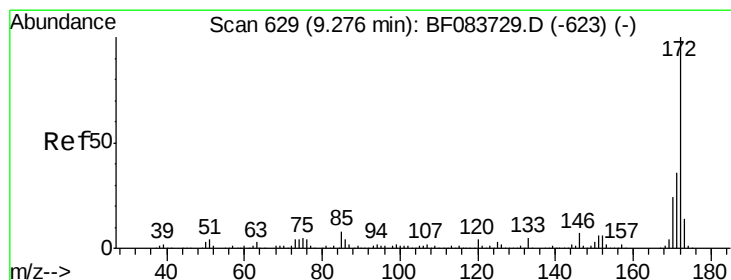
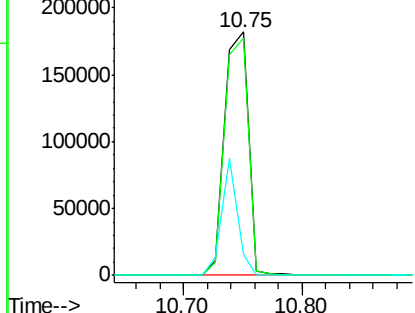
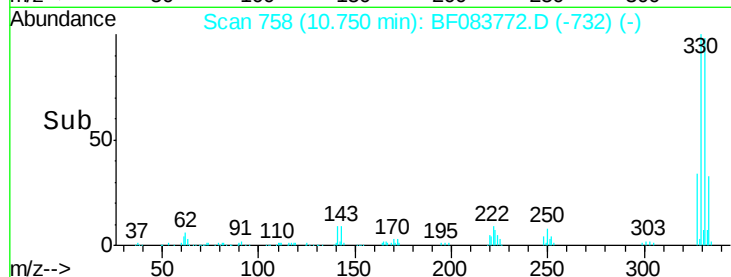
#41
 2,4,6-Tribromophenol
 Concen: 134.83 ng
 RT: 10.75 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF083772.D
 Acq: 14 Dec 2015 11:36

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	0.0	0.0#
141	32.4	0.0	0.0#

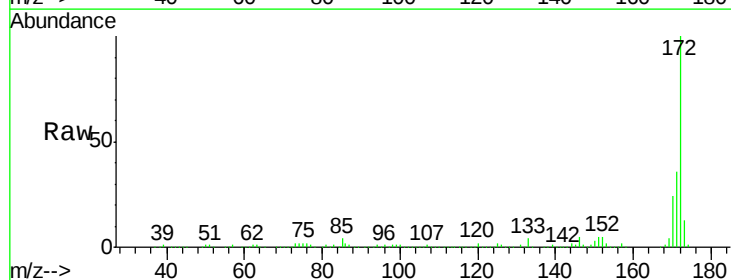


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

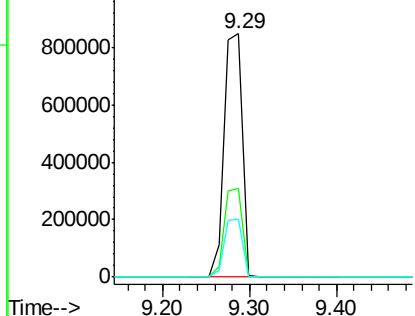
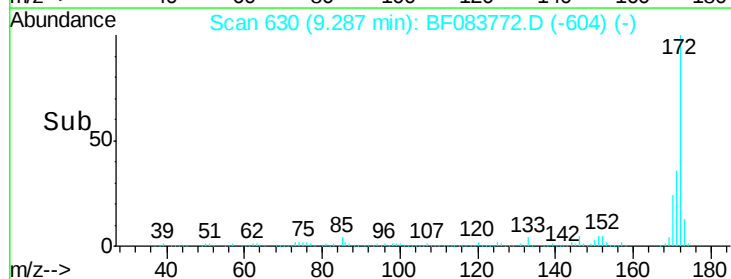


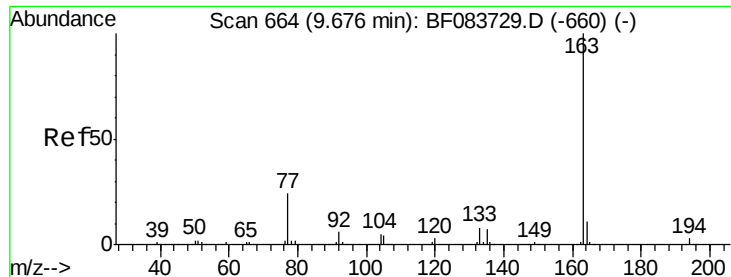
#44
 2-Fluorobiphenyl
 Concen: 106.66 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083772.D
 Acq: 14 Dec 2015 11:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	42.8
170	23.8	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

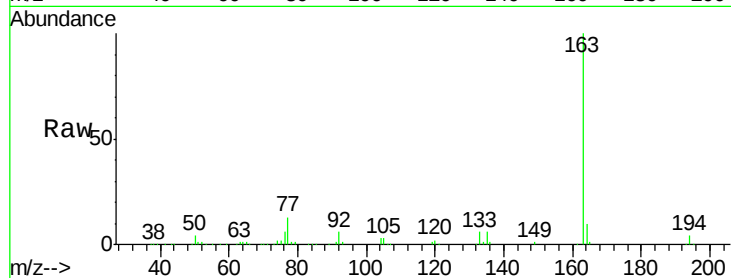




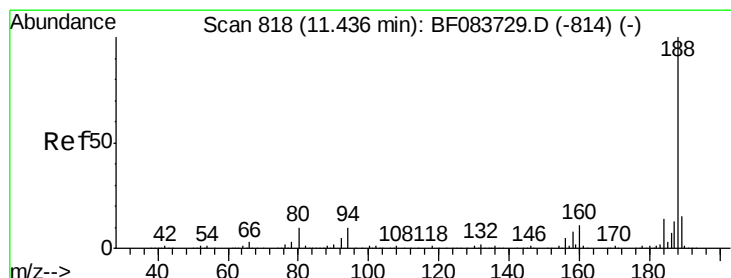
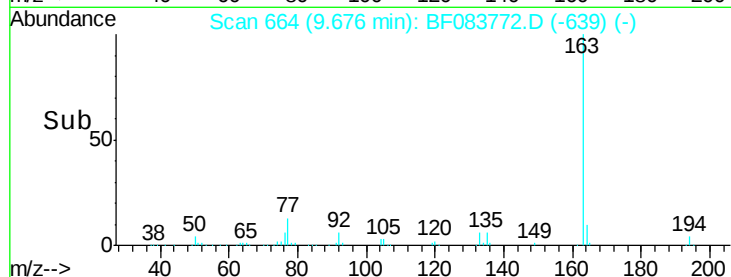
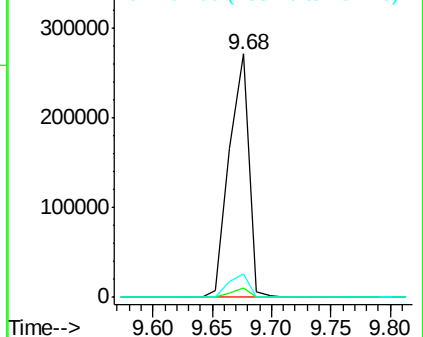
#49
Dimethylphthalate
Concen: 21.73 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF083772.D
Acq: 14 Dec 2015 11:36

Instrument :
BNA_F
ClientSampleId :
BOTTOM-2

Tot Ion:163 Resp: 311773
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 9.6 8.6 13.0

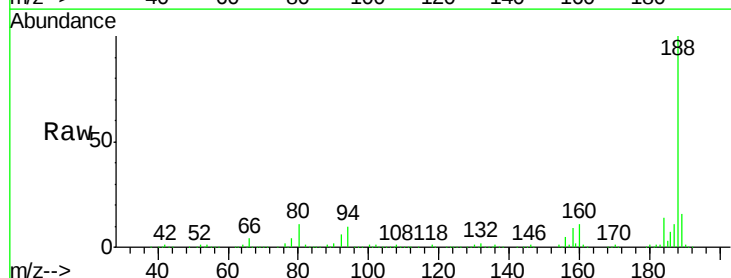


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

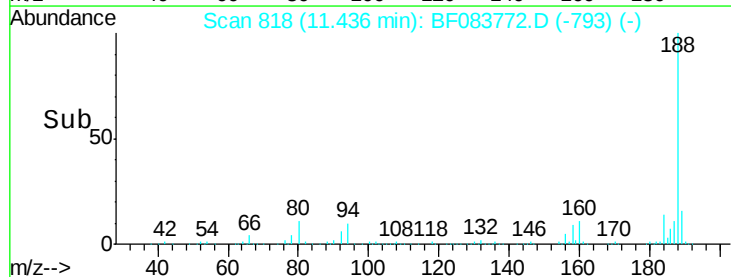
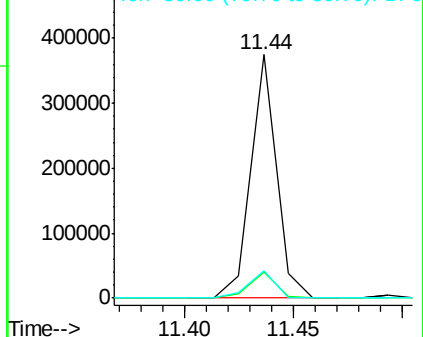


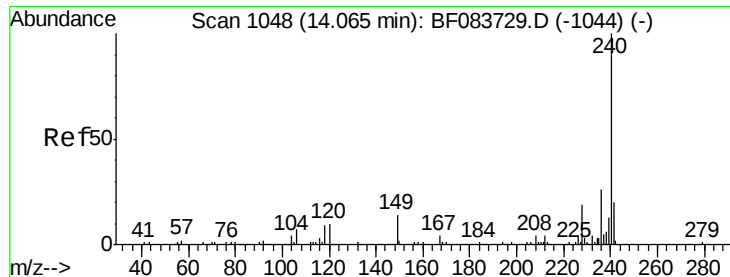
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF083772.D
Acq: 14 Dec 2015 11:36

Tgt Ion:188 Resp: 306784
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 11.2 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: 14.06 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF083772.D

Acq: 14 Dec 2015 11:36

Instrument :

BNA_F

ClientSampleId :

BOTTOM-2

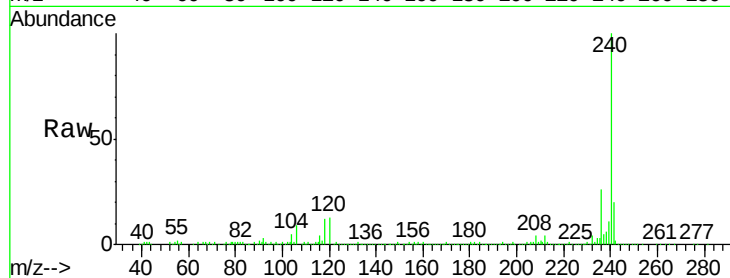
Tot Ion:240 Resp: 242606

Ion Ratio Lower Upper

240 100

120 13.1 8.1 12.1#

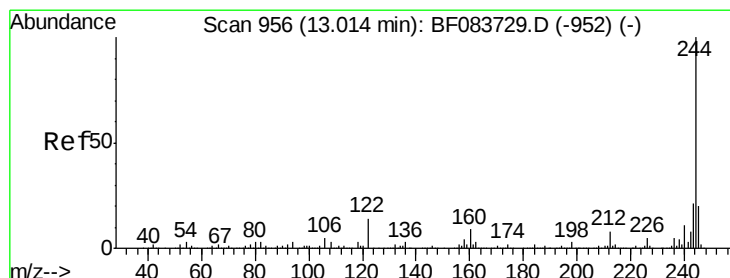
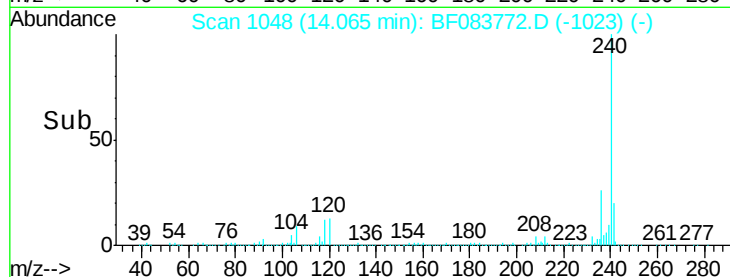
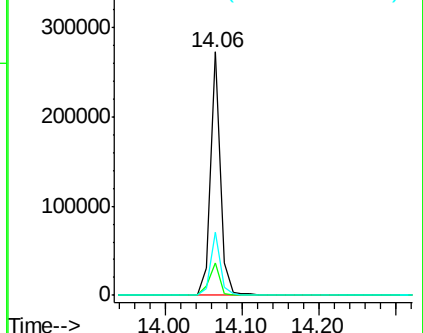
236 25.8 20.8 31.2



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: 83.03 ng

RT: 13.02 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF083772.D

Acq: 14 Dec 2015 11:36

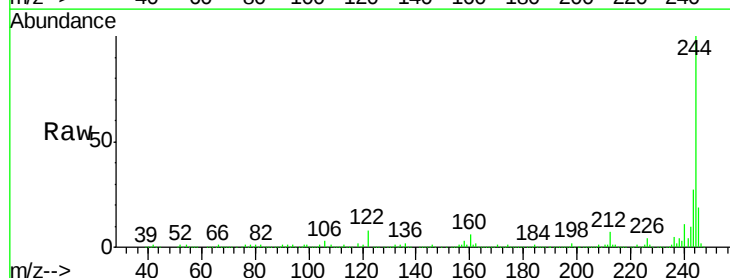
Tgt Ion:244 Resp: 936453

Ion Ratio Lower Upper

244 100

212 6.6 6.1 9.1

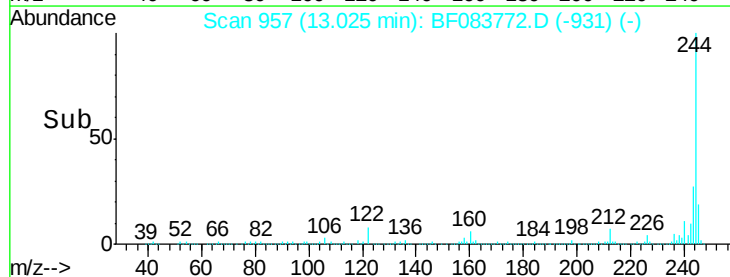
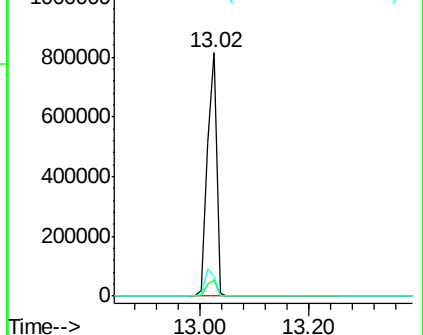
122 8.2 11.0 16.6#

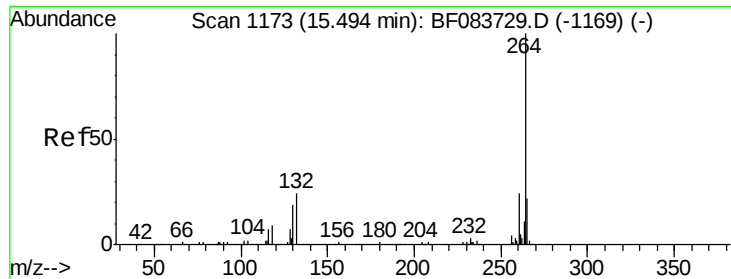


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.51 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF083772.D
Acq: 14 Dec 2015 11:36

Instrument :
BNA_F
ClientSampleId :
BOTTOM-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	21.5	17.8	26.6

