

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\
 Data File : BF083720.D
 Acq On : 12 Dec 2015 3:02
 Operator : UM/IZ
 Sample : G4648-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02(17-20)

Quant Time: Dec 12 04:26:26 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 11 19:24:37 2015
 Response via : Initial Calibration

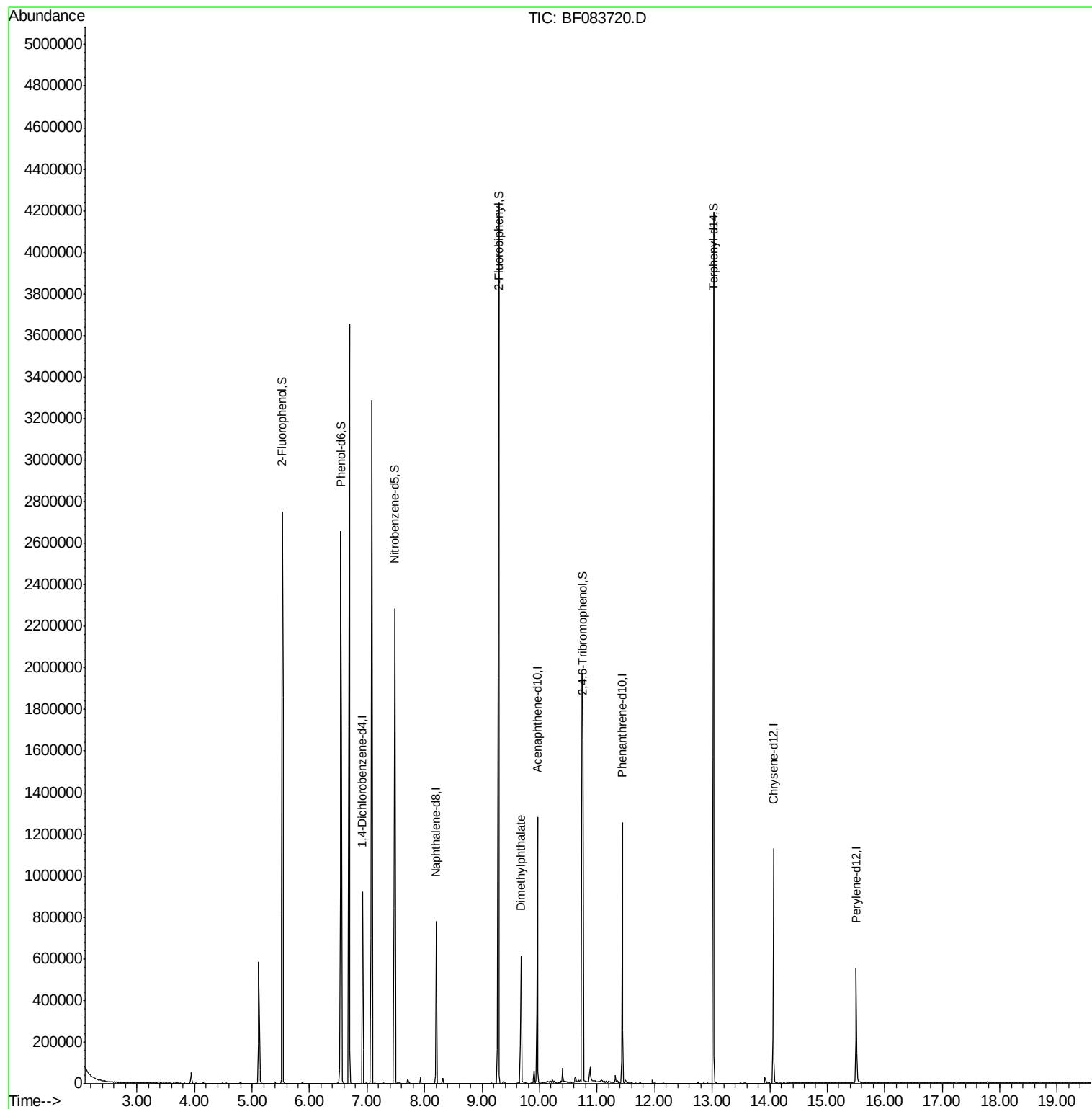
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	131819	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	496967	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	247444	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	435350	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	370616	20.00	ng	-0.01
86) Perylene-d12	15.51	264	240153	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1140822	133.28	ng	0.00
7) Phenol-d6	6.54	99	1424839	134.79	ng	0.00
23) Nitrobenzene-d5	7.48	82	779129	106.32	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	388709	162.29	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1461717	87.01	ng	0.00
78) Terphenyl-d14	13.02	244	1340503	81.22	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.68	163	263679	13.85	ng	97

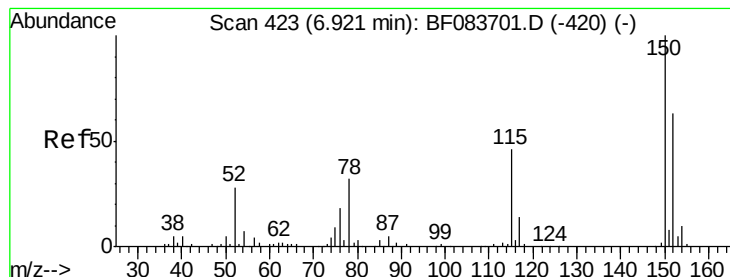
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF083720.D

Acq: 12 Dec 2015 3:02

Instrument :

BNA_F

ClientSampleId :

SB-02(17-20)

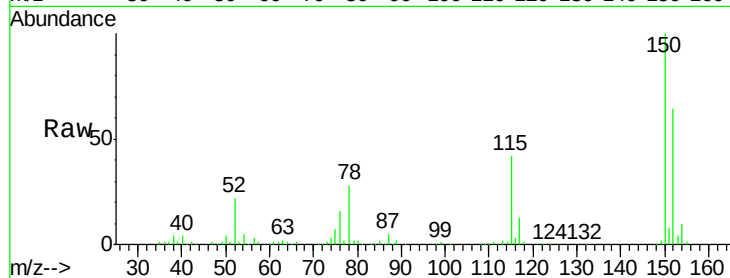
Tot Ion:152 Resp: 131819

Ion Ratio Lower Upper

152 100

150 156.0 126.5 189.7

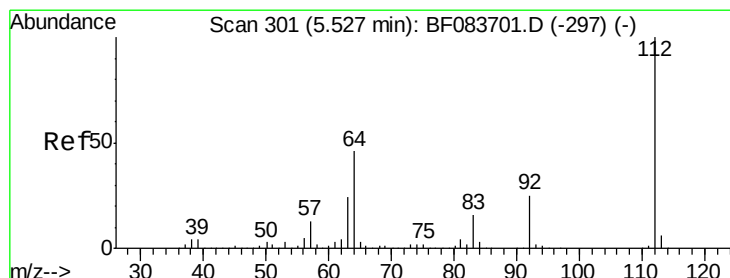
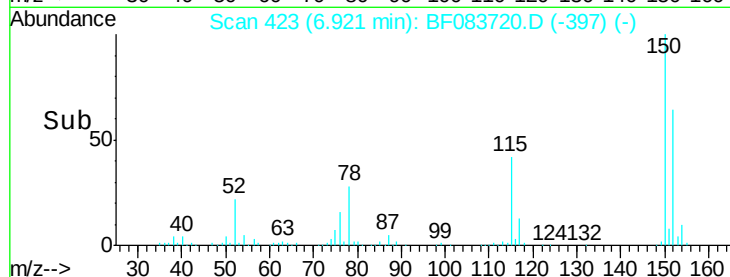
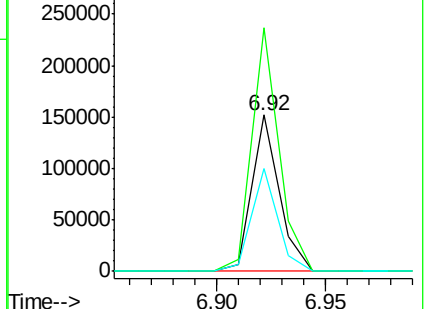
115 65.5 52.3 78.5



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: 133.28 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF083720.D

Acq: 12 Dec 2015 3:02

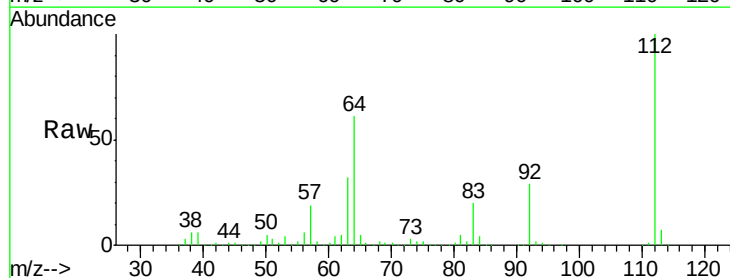
Tgt Ion:112 Resp: 1140822

Ion Ratio Lower Upper

112 100

64 61.4 50.5 75.7

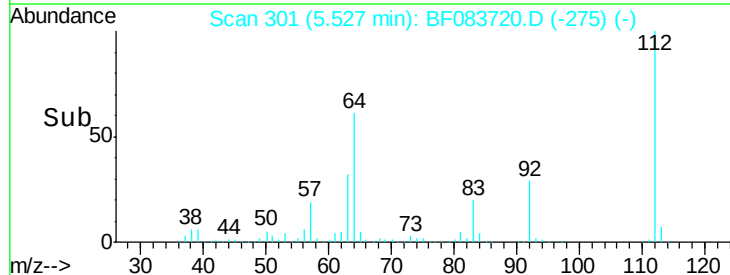
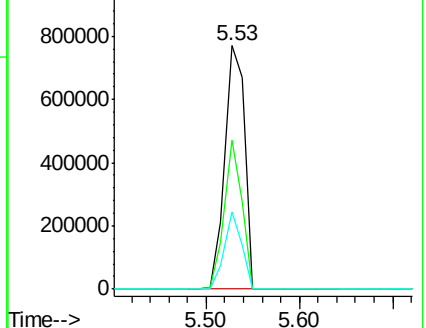
63 31.6 25.8 38.6

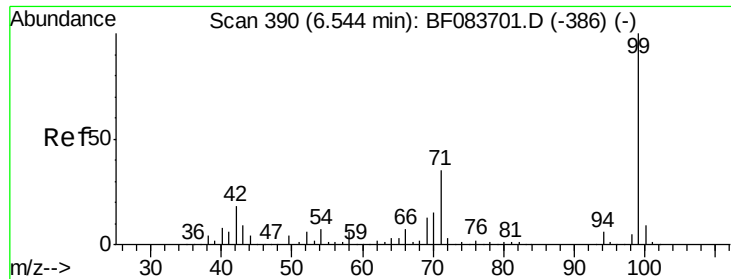


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 134.79 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF083720.D

Acq: 12 Dec 2015 3:02

Instrument :

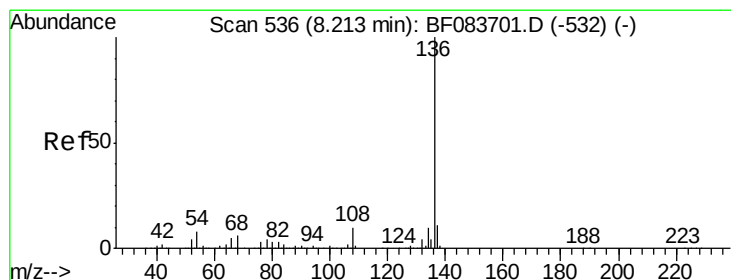
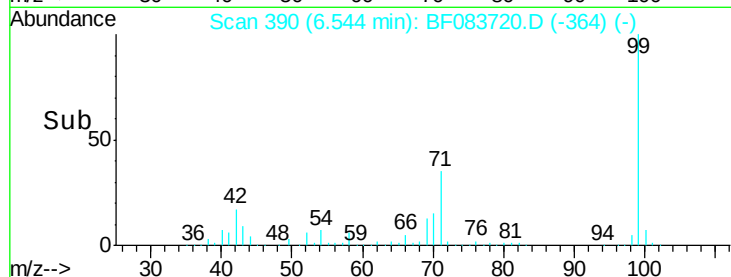
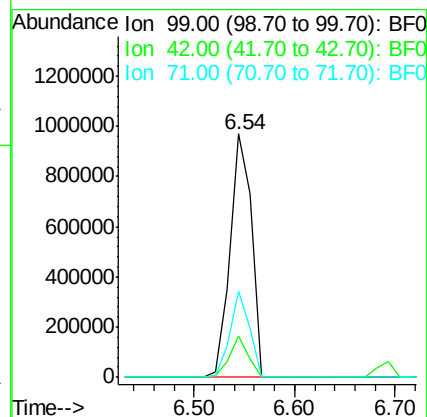
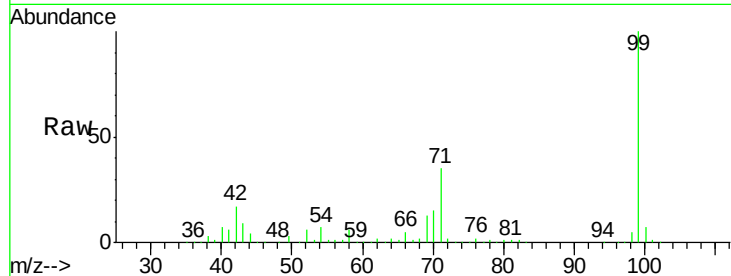
BNA_F

ClientSampleId :

SB-02(17-20)

Tot Ion: 99 Resp: 1424839

Ion	Ratio	Lower	Upper
99	100		
42	17.0	17.3	25.9#
71	35.3	26.6	40.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 535

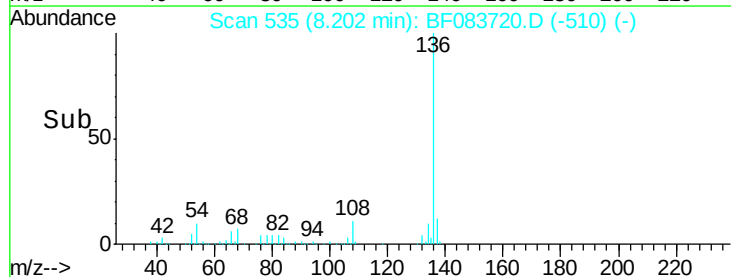
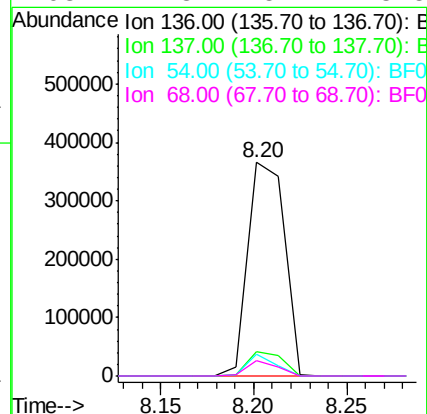
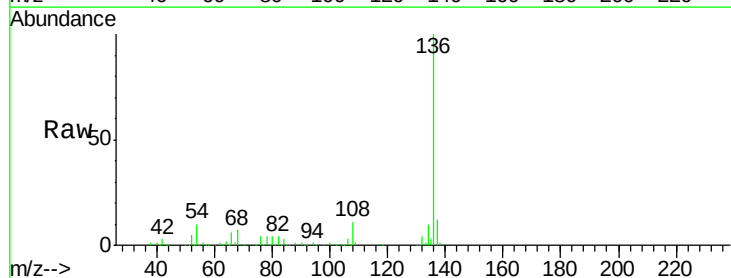
Delta R.T. -0.01 min

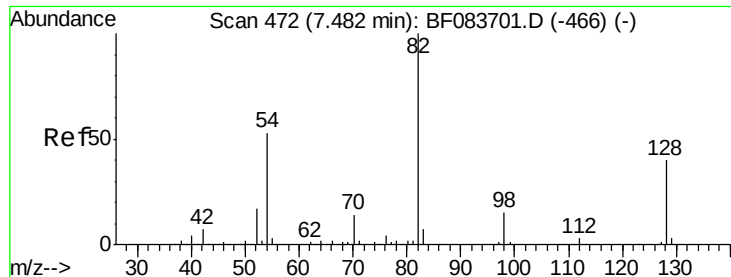
Lab File: BF083720.D

Acq: 12 Dec 2015 3:02

Tgt Ion: 136 Resp: 496967

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	9.9	7.8	11.6
68	7.3	5.7	8.5





#23

Nitrobenzene-d5

Concen: 106.32 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.00 min

Lab File: BF083720.D

Acq: 12 Dec 2015 3:02

Instrument :

BNA_F

ClientSampleId :

SB-02(17-20)

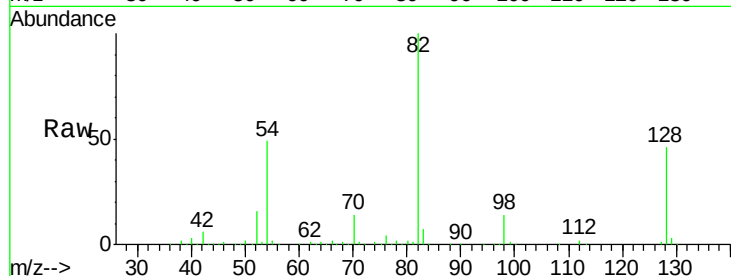
Tot Ion: 82 Resp: 779129

Ion Ratio Lower Upper

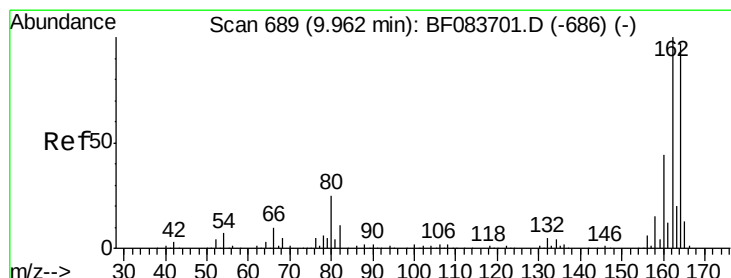
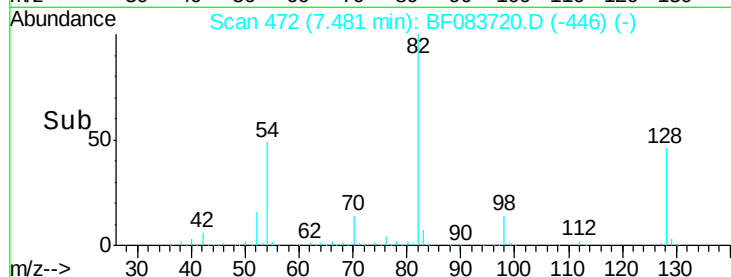
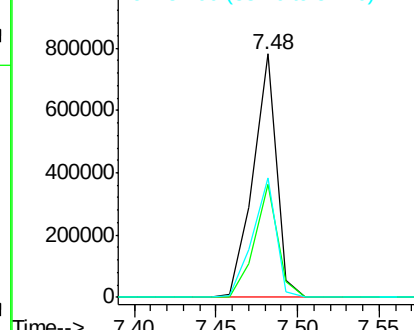
82 100

128 46.4 30.7 46.1#

54 49.0 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: BF083720.D

Acq: 12 Dec 2015 3:02

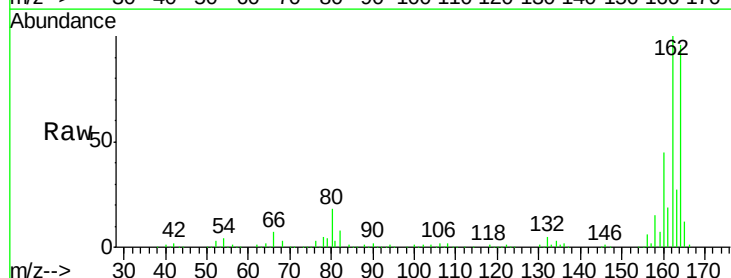
Tgt Ion:164 Resp: 247444

Ion Ratio Lower Upper

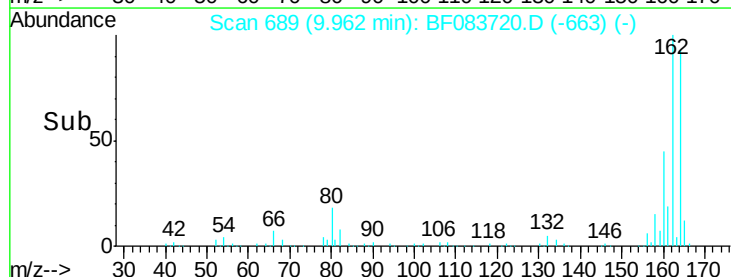
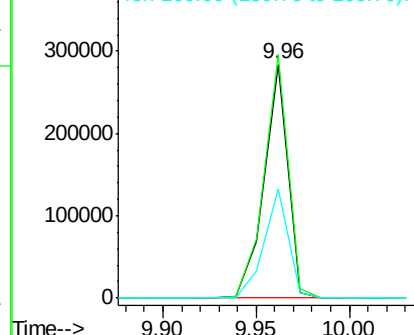
164 100

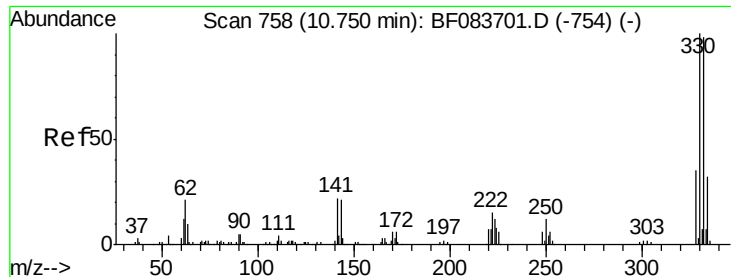
162 104.3 78.8 118.2

160 46.6 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

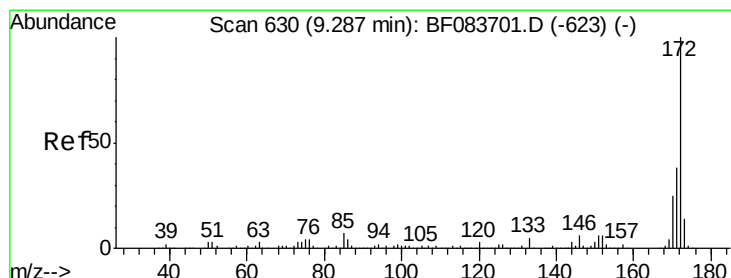
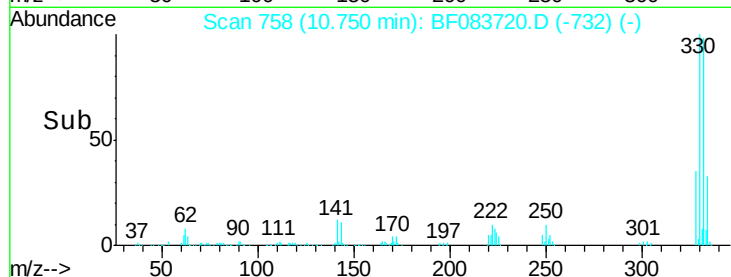
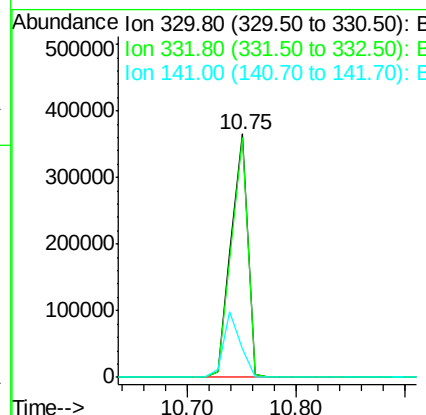
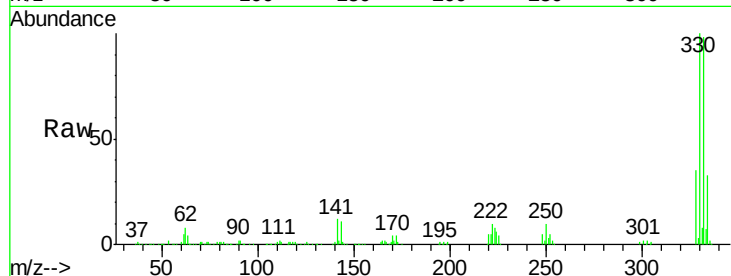




#41
 2,4,6-Tribromophenol
 Concen: 162.29 ng
 RT: 10.75 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF083720.D
 Acq: 12 Dec 2015 3:02

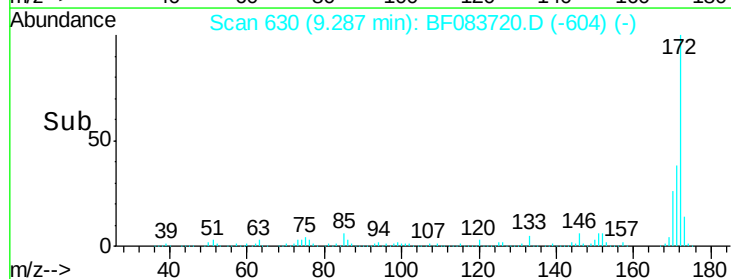
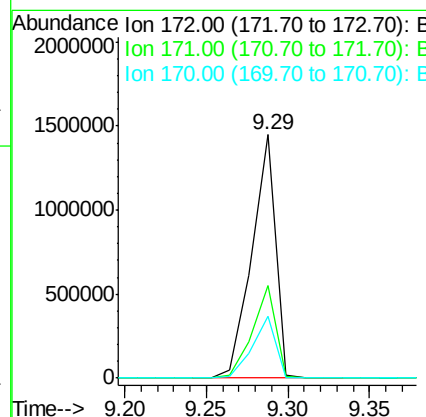
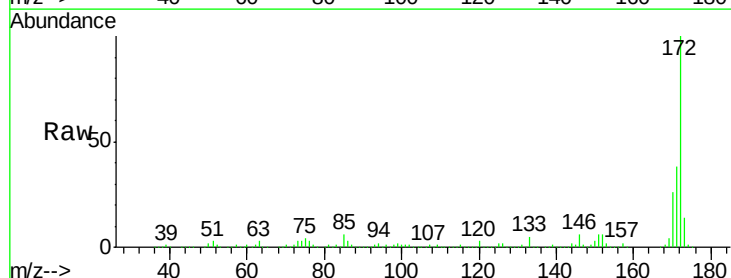
Instrument :
 BNA_F
 ClientSampleId :
 SB-02(17-20)

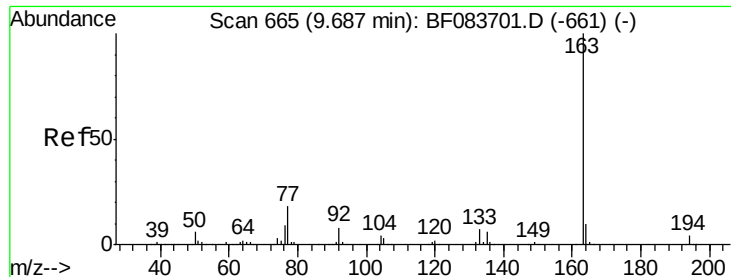
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	27.3	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 87.01 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF083720.D
 Acq: 12 Dec 2015 3:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	28.6	42.8
170	25.5	19.4	29.0





#49

Dimethylphthalate

Concen: 13.85 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.01 min

Lab File: BF083720.D

Acq: 12 Dec 2015 3:02

Instrument :

BNA_F

ClientSampleId :

SB-02(17-20)

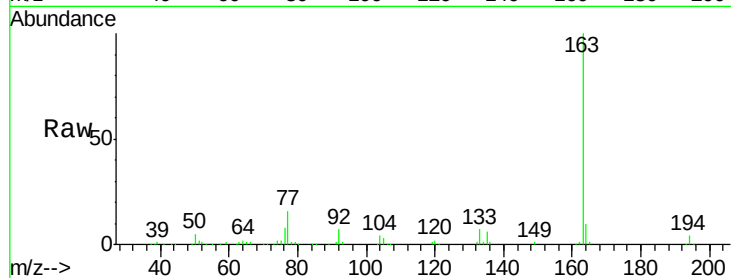
Tot Ion:163 Resp: 263679

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

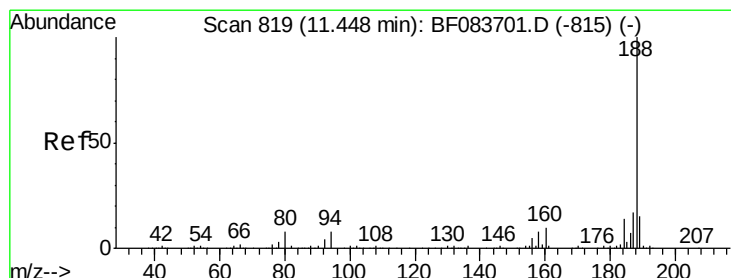
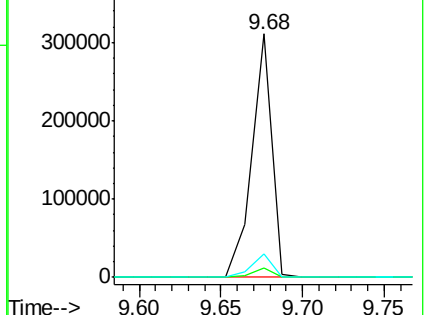
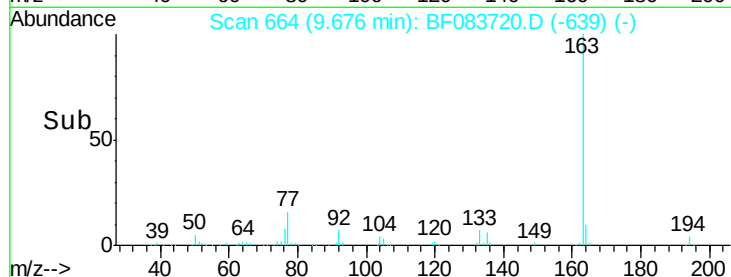
164 9.5 8.6 13.0



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: BF083720.D

Acq: 12 Dec 2015 3:02

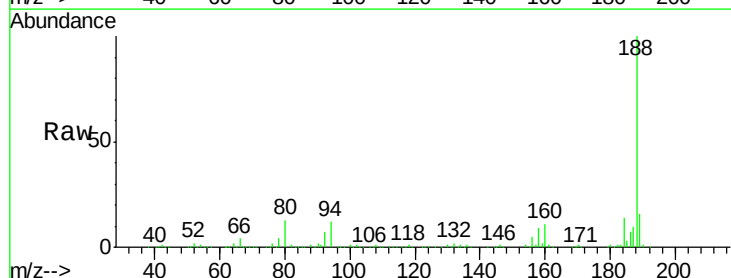
Tgt Ion:188 Resp: 435350

Ion Ratio Lower Upper

188 100

94 11.5 9.4 14.2

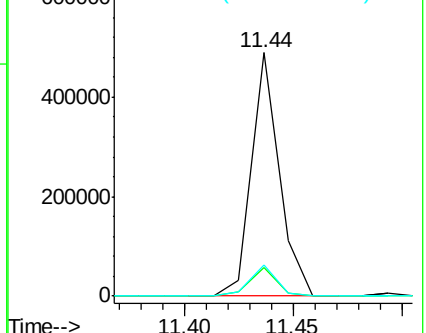
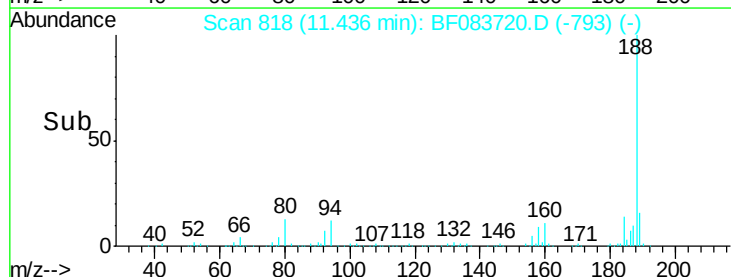
80 12.7 10.6 16.0

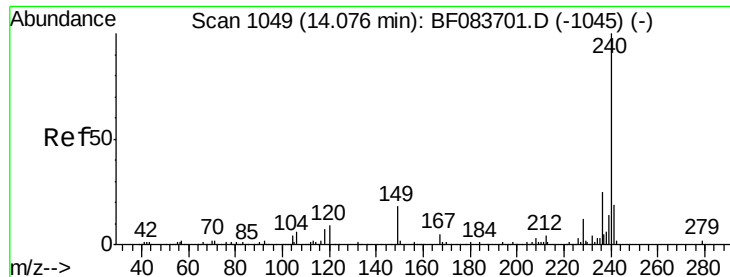


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.07 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF083720.D

Acq: 12 Dec 2015 3:02

Instrument :

BNA_F

ClientSampleId :

SB-02(17-20)

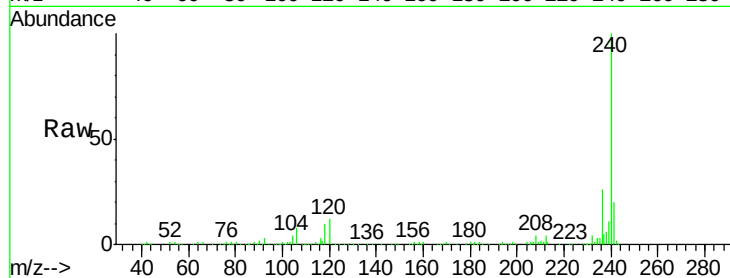
Tot Ion:240 Resp: 370616

Ion Ratio Lower Upper

240 100

120 12.0 8.1 12.1

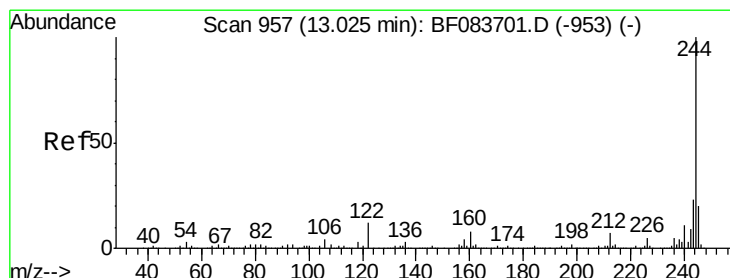
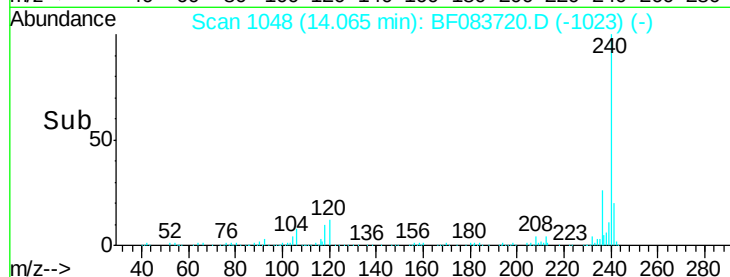
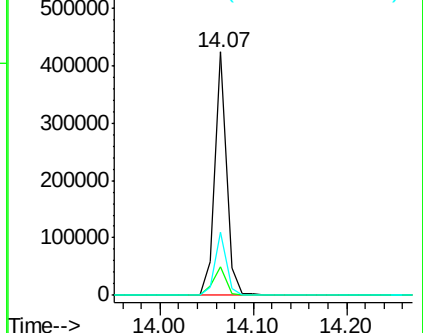
236 25.8 20.8 31.2



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: 81.22 ng

RT: 13.02 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF083720.D

Acq: 12 Dec 2015 3:02

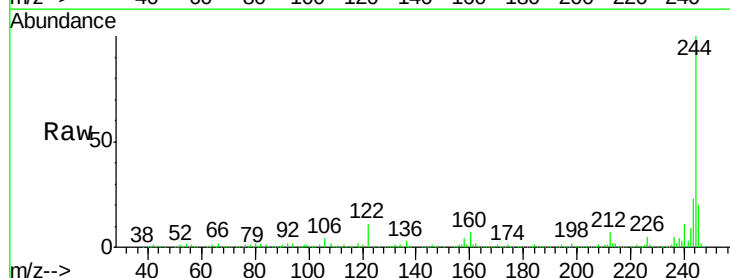
Tgt Ion:244 Resp: 1340503

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

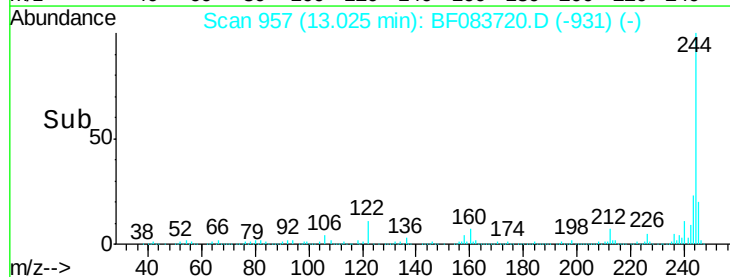
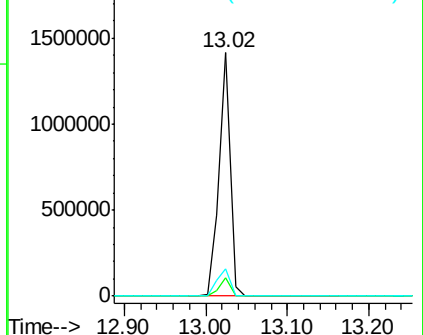
122 11.0 11.0 16.6#

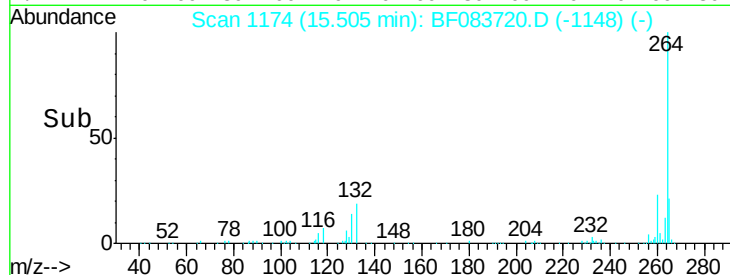
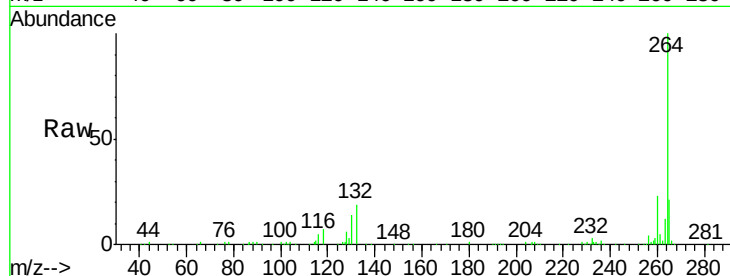
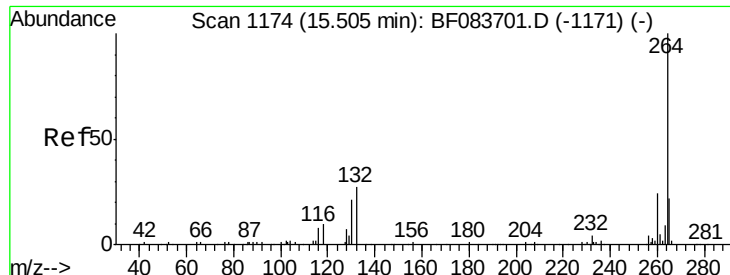


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.51 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF083720.D
 Acq: 12 Dec 2015 3:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-02(17-20)

Tot Ion:	264	Resp:	240153
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.0
265	21.4	17.8	26.6

