

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\
 Data File : BF083708.D
 Acq On : 11 Dec 2015 21:28
 Operator : UM/IZ
 Sample : PB87192BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87192BL

Quant Time: Dec 11 23:08:51 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	140298	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	539838	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	259859	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	465959	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	357087	20.00	ng	-0.01
86) Perylene-d12	15.51	264	254334	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1066423	117.06	ng	0.01
7) Phenol-d6	6.54	99	1073902	95.45	ng	0.00
23) Nitrobenzene-d5	7.48	82	733349	92.13	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	309173	122.91	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1426296	80.85	ng	0.00
78) Terphenyl-d14	13.03	244	1280153	80.51	ng	0.00

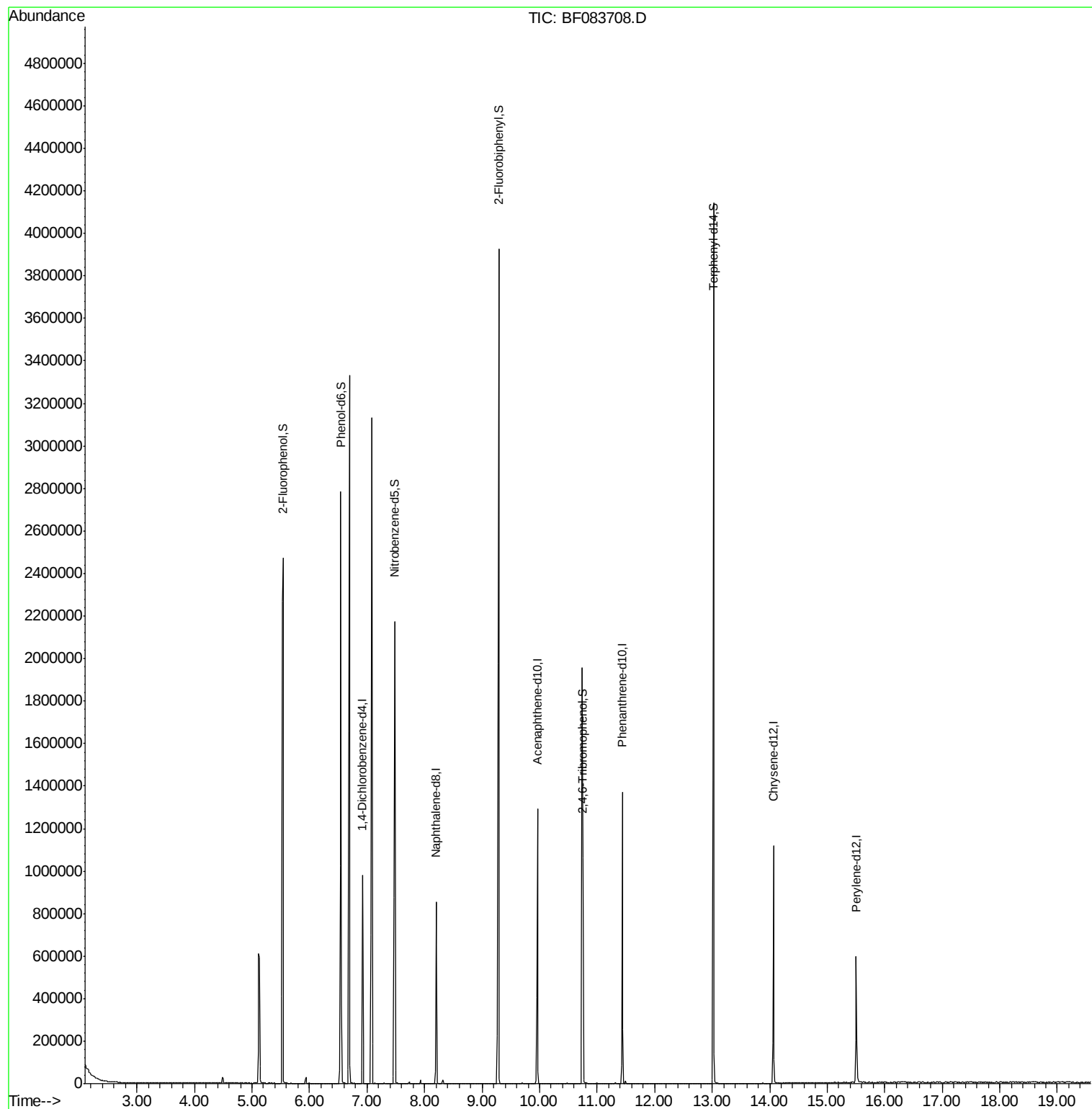
Target Compounds Qvalue

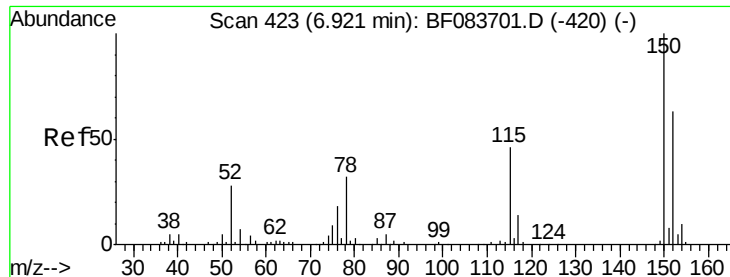
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083708.D

Acq: 11 Dec 2015 21:28

Instrument :

BNA_F

ClientSampleId :

PB87192BL

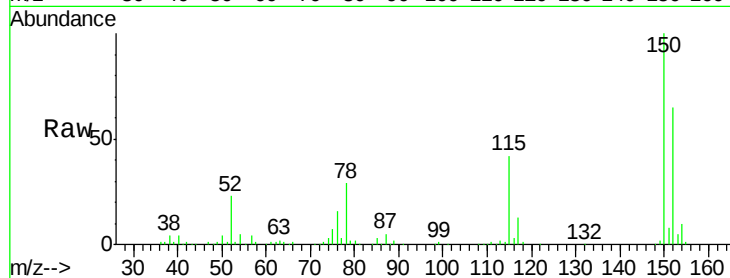
Tot Ion:152 Resp: 140298

Ion Ratio Lower Upper

152 100

150 154.7 126.5 189.7

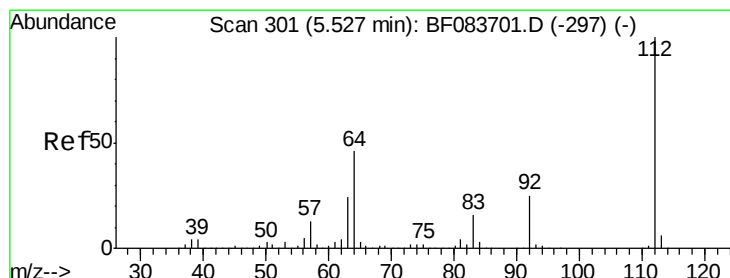
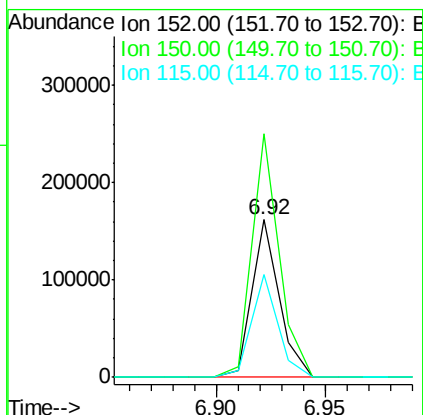
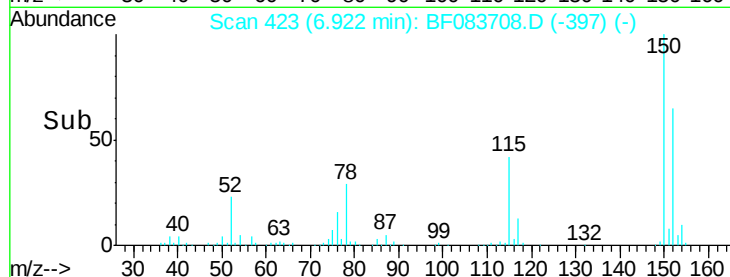
115 65.5 52.3 78.5



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: 117.06 ng

RT: 5.54 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083708.D

Acq: 11 Dec 2015 21:28

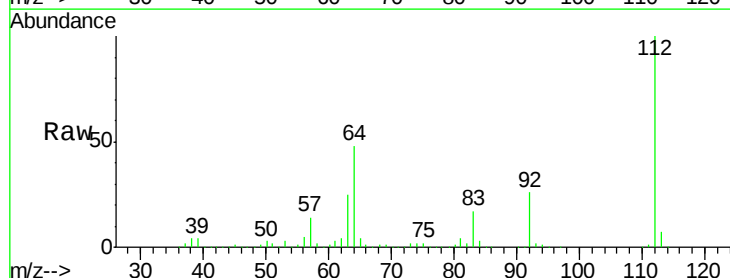
Tgt Ion:112 Resp: 1066423

Ion Ratio Lower Upper

112 100

64 48.2 50.5 75.7#

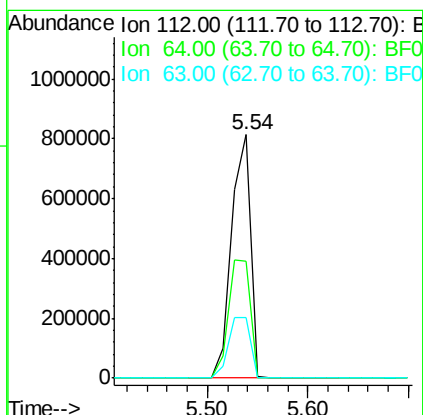
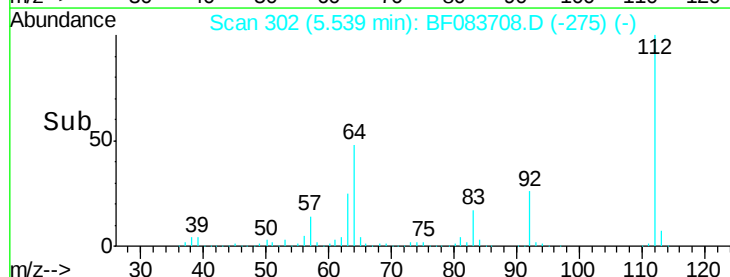
63 24.7 25.8 38.6#

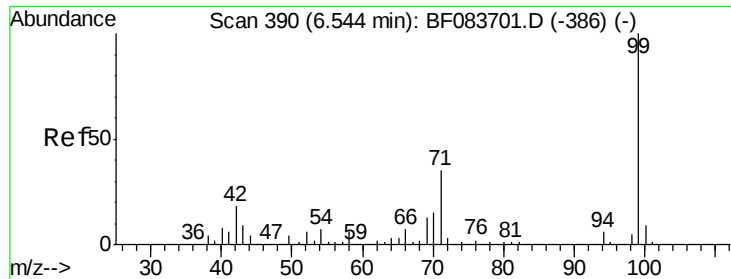


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 95.45 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083708.D

Acq: 11 Dec 2015 21:28

Instrument :

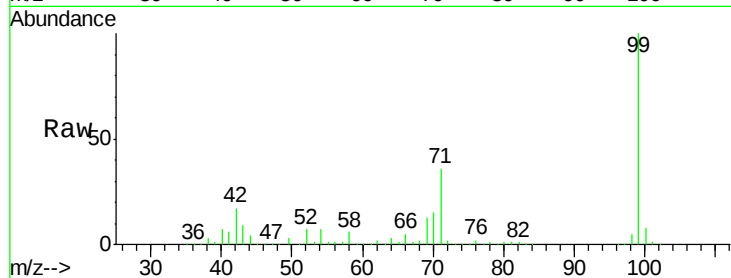
BNA_F

ClientSampleId :

PB87192BL

Tot Ion: 99 Resp: 1073902

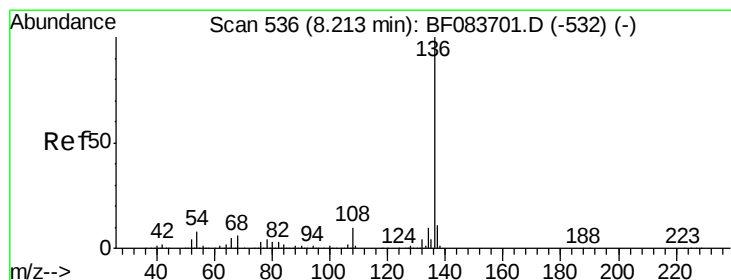
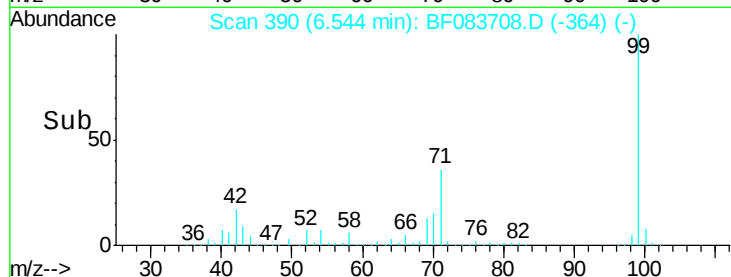
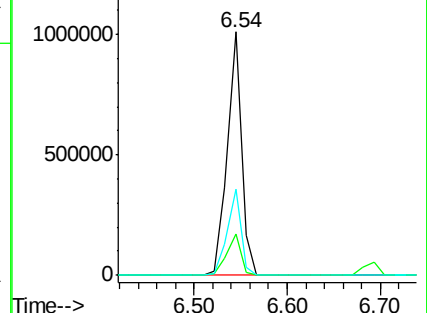
Ion	Ratio	Lower	Upper
99	100		
42	17.3	17.3	25.9#
71	35.6	26.6	40.0



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

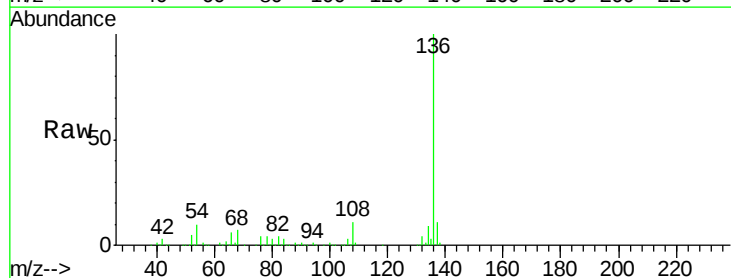
Delta R.T. -0.01 min

Lab File: BF083708.D

Acq: 11 Dec 2015 21:28

Tgt Ion: 136 Resp: 539838

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	9.6	7.8	11.6
68	7.4	5.7	8.5

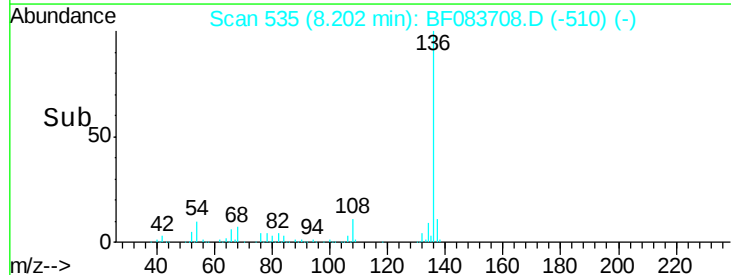
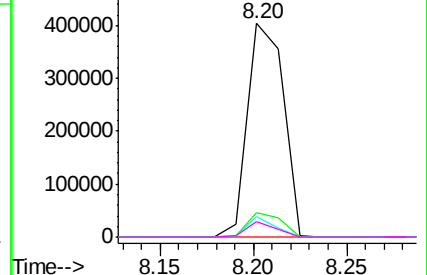


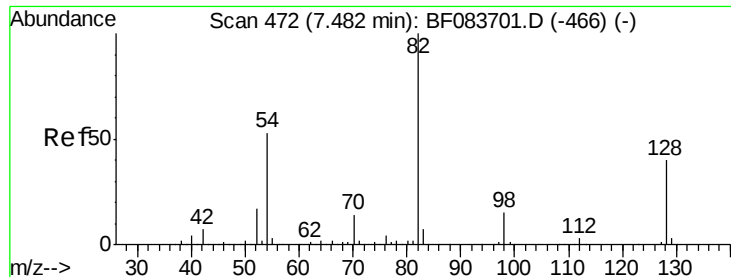
Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.13 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF083708.D

Acq: 11 Dec 2015 21:28

Instrument :

BNA_F

ClientSampleId :

PB87192BL

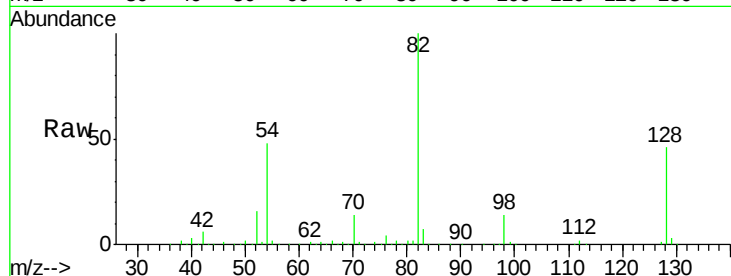
Tot Ion: 82 Resp: 733349

Ion Ratio Lower Upper

82 100

128 46.2 30.7 46.1#

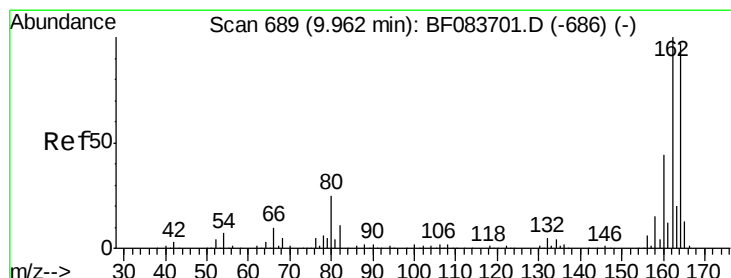
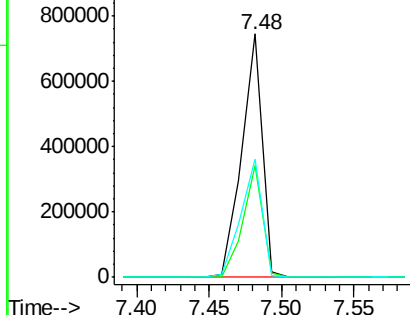
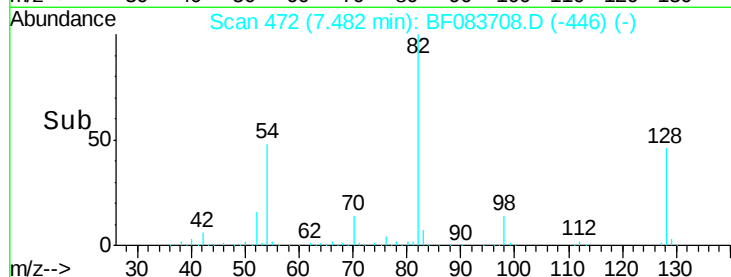
54 48.5 42.5 63.7



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: BF083708.D

Acq: 11 Dec 2015 21:28

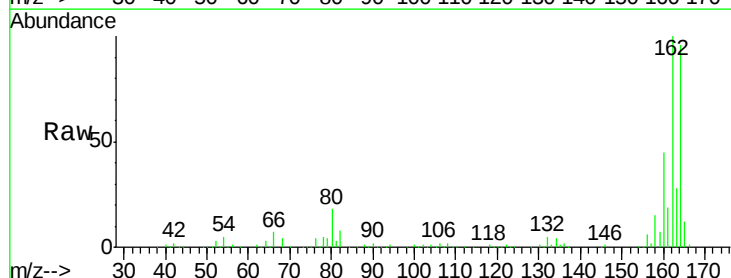
Tgt Ion:164 Resp: 259859

Ion Ratio Lower Upper

164 100

162 104.3 78.8 118.2

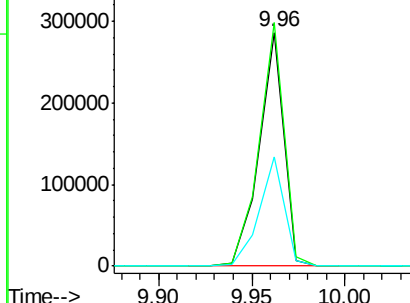
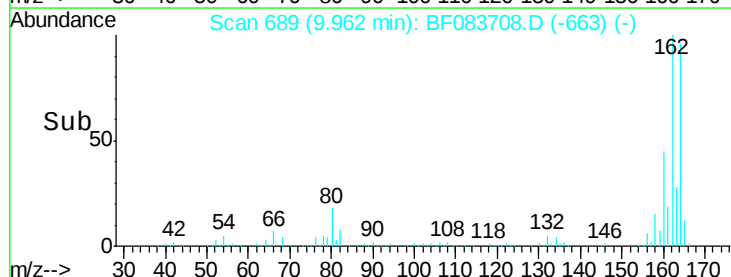
160 46.8 33.4 50.2

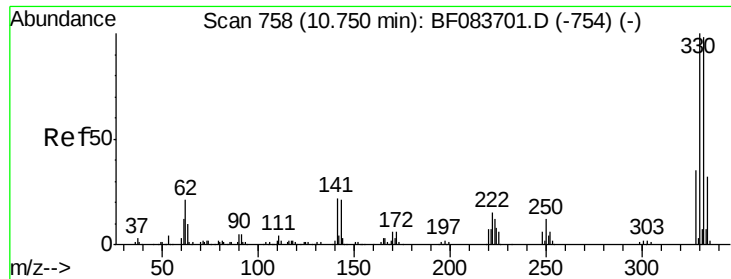


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

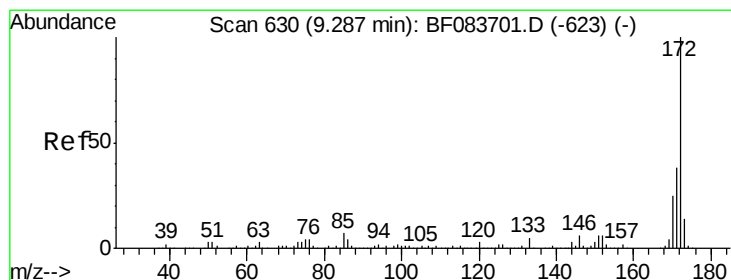
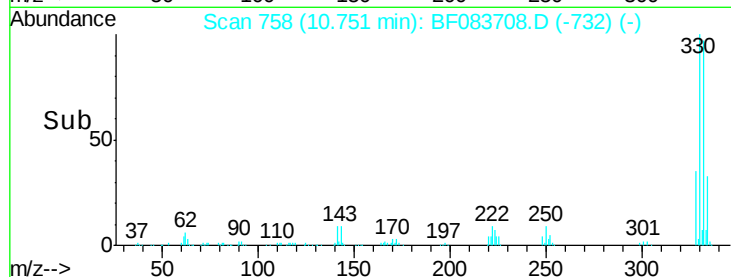
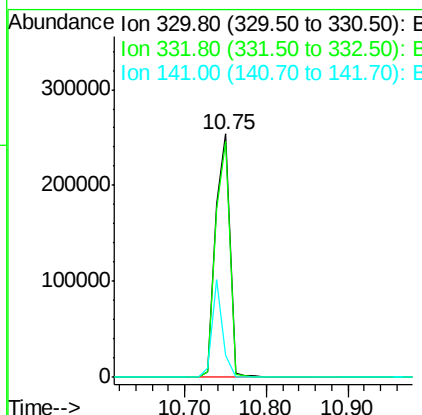
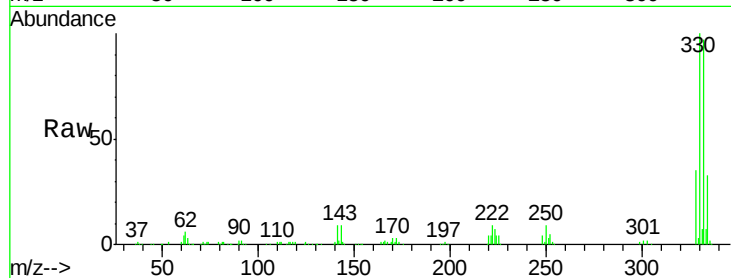




#41
 2,4,6-Tribromophenol
 Concen: 122.91 ng
 RT: 10.75 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF083708.D
 Acq: 11 Dec 2015 21:28

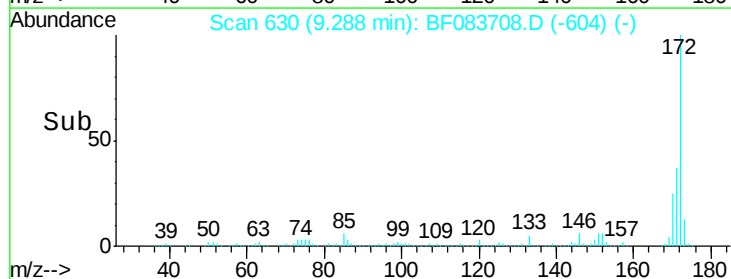
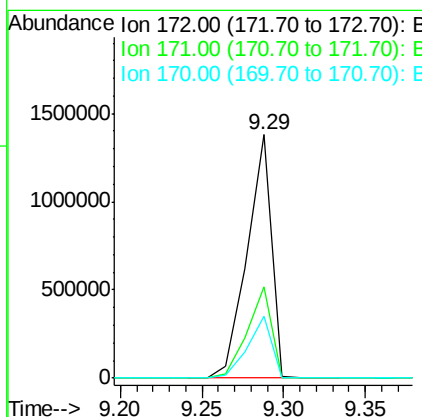
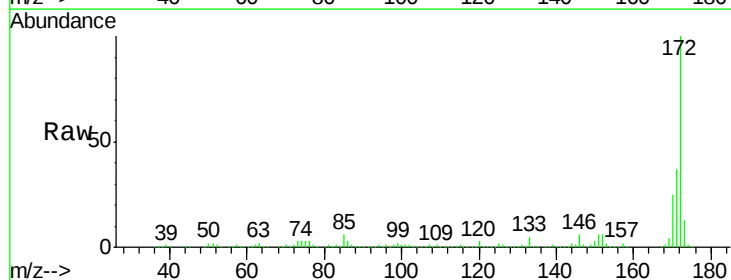
Instrument :
 BNA_F
 ClientSampleId :
 PB87192BL

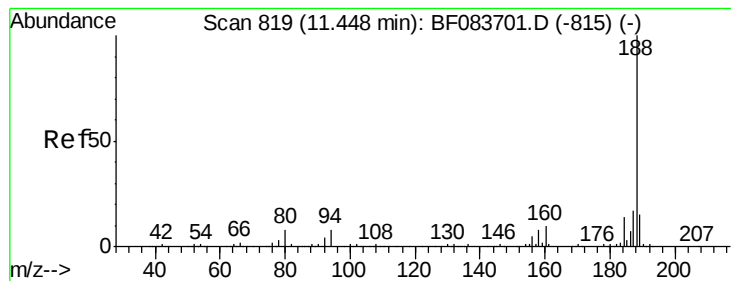
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	30.5	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 80.85 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083708.D
 Acq: 11 Dec 2015 21:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.6	42.8
170	25.2	19.4	29.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF083708.D

Acq: 11 Dec 2015 21:28

Instrument :

BNA_F

ClientSampleId :

PB87192BL

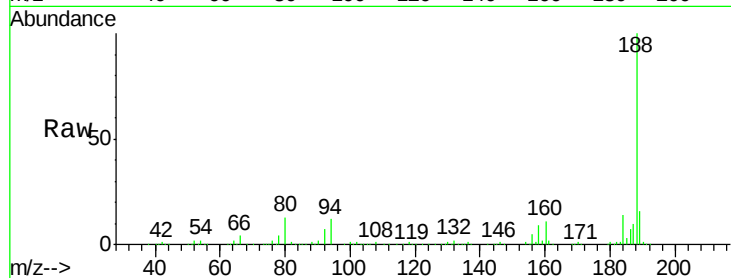
Tot Ion:188 Resp: 465959

Ion Ratio Lower Upper

188 100

94 11.8 9.4 14.2

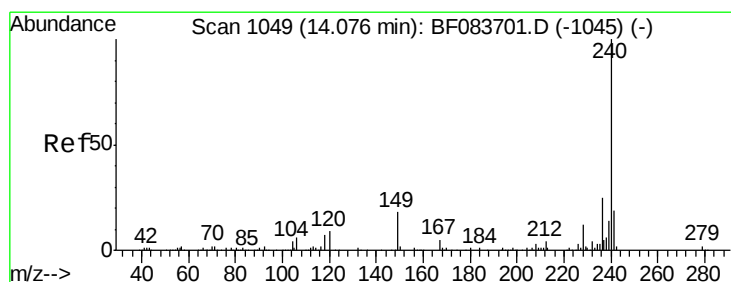
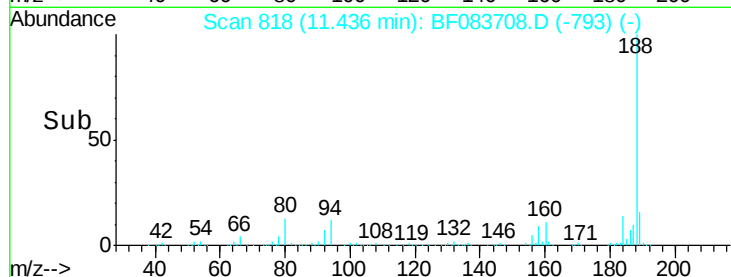
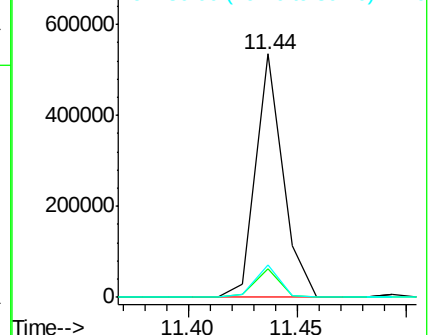
80 13.1 10.6 16.0



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: BF083708.D

Acq: 11 Dec 2015 21:28

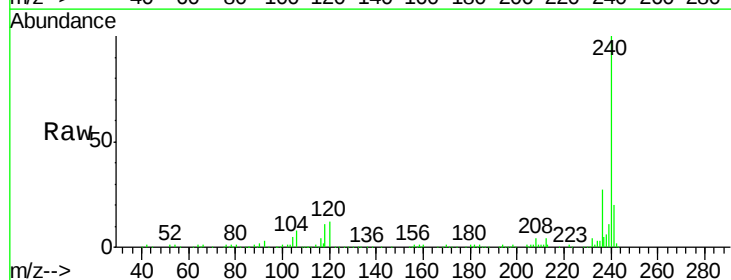
Tgt Ion:240 Resp: 357087

Ion Ratio Lower Upper

240 100

120 12.2 8.1 12.1#

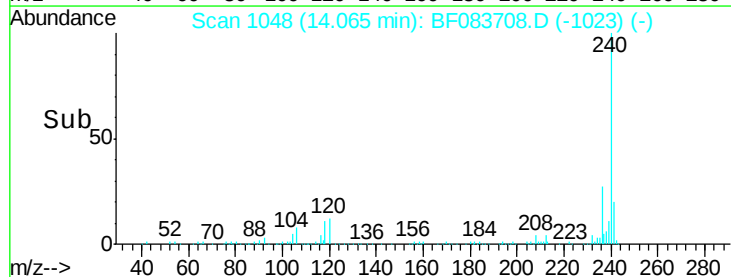
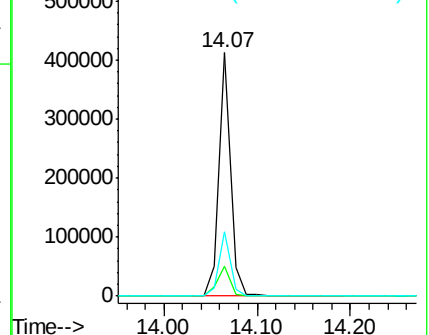
236 26.5 20.8 31.2

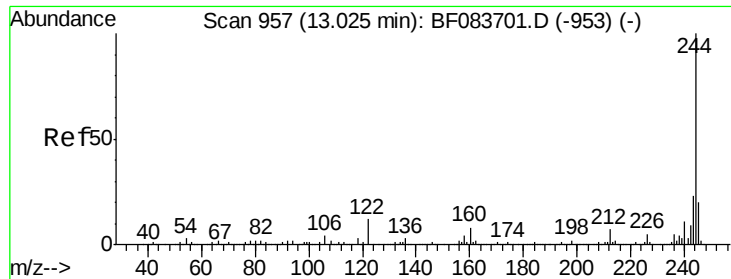


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

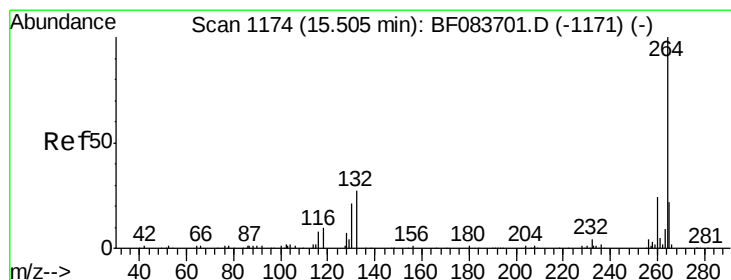
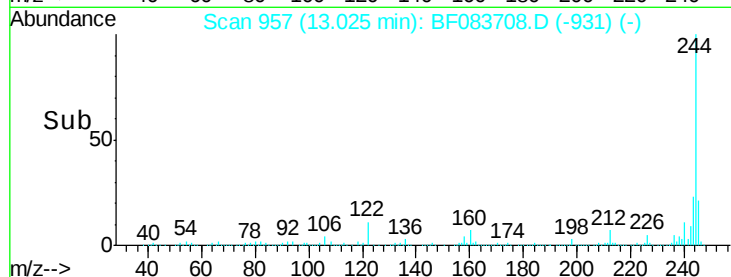
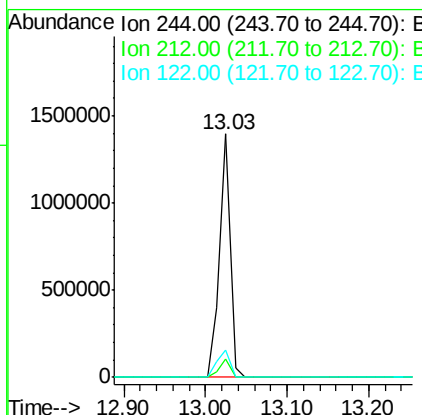
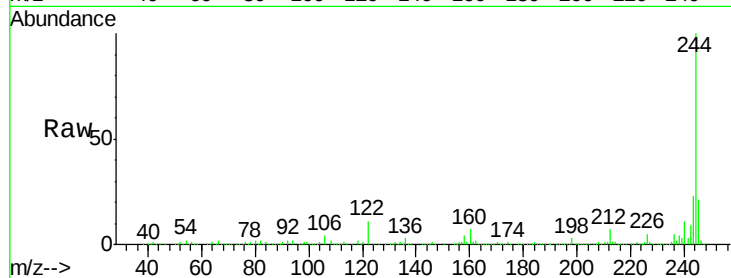




#78
 Terphenyl-d14
 Concen: 80.51 ng
 RT: 13.03 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF083708.D
 Acq: 11 Dec 2015 21:28

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 ClientSampleId :
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Tot Ion:244 Resp: 1280153
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 11.0 11.0 16.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF083708.D
 Acq: 11 Dec 2015 21:28

Tgt Ion:264 Resp: 254334
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.0
 265 21.8 17.8 26.6

