

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\
 Data File : BF083710.D
 Acq On : 11 Dec 2015 22:24
 Operator : UM/IZ
 Sample : PB87142BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87142BL

Quant Time: Dec 11 23:21:27 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	138254	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	532844	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	267614	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	477593	20.00	ng	-0.01
75) Chrysene-d12	14.06	240	400268	20.00	ng	-0.01
86) Perylene-d12	15.51	264	271608	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1006193	112.08	ng	0.01
7) Phenol-d6	6.54	99	1022365	92.22	ng	0.00
23) Nitrobenzene-d5	7.48	82	718024	91.39	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	303814	117.28	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1390354	76.52	ng	0.00
78) Terphenyl-d14	13.02	244	1306468	73.30	ng	0.00

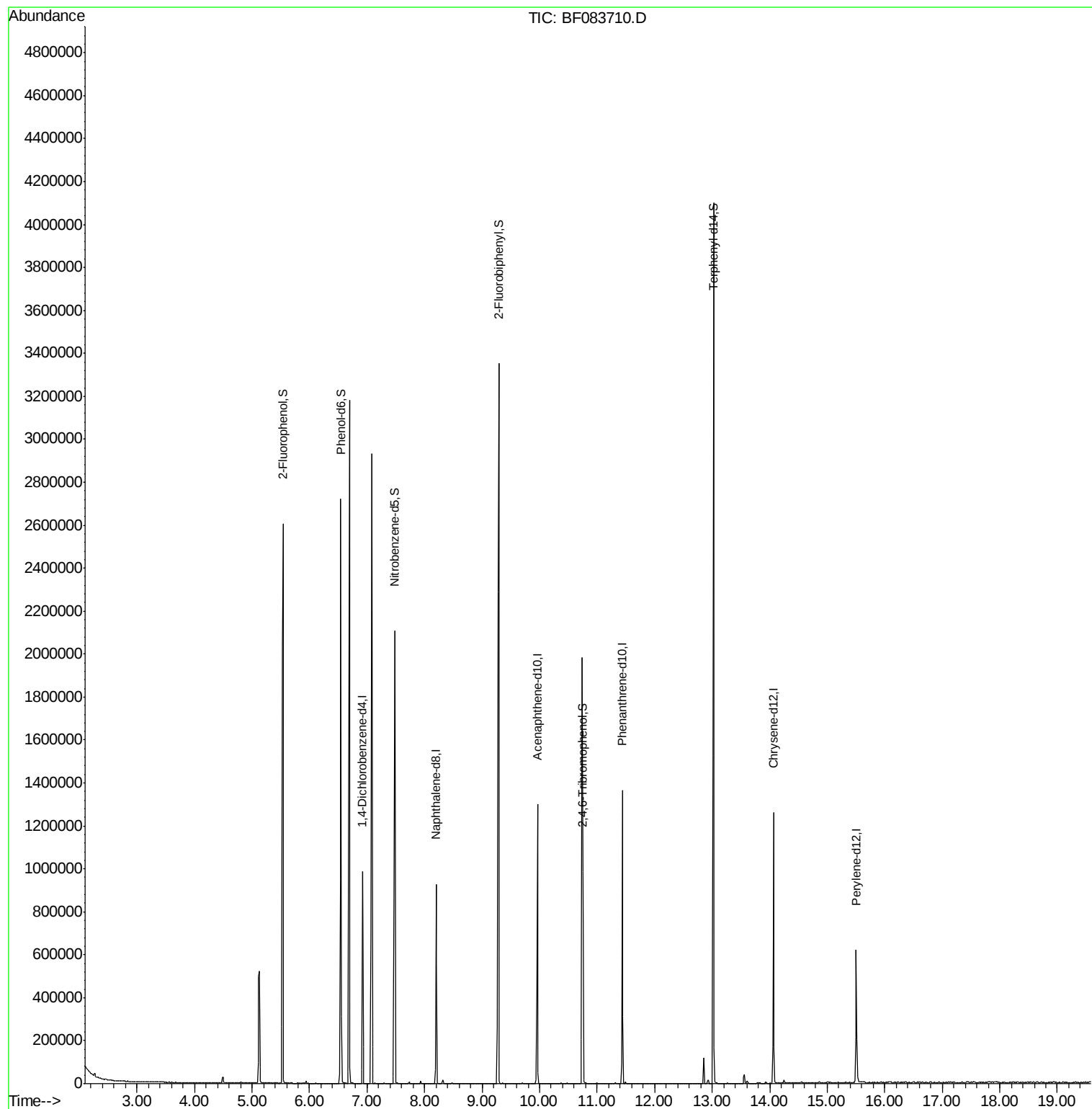
Target Compounds Qvalue

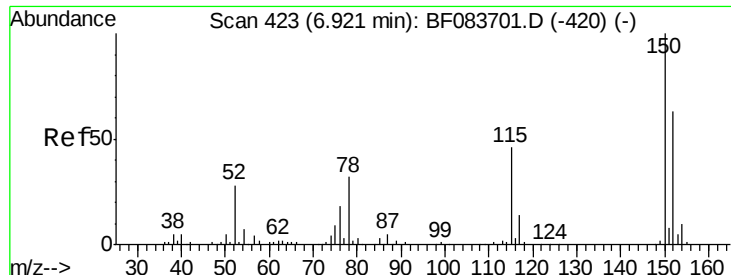
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 11 19:24:37 2015
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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: BF083710.D

Acq: 11 Dec 2015 22:24

Instrument :

BNA_F

ClientSampleId :

PB87142BL

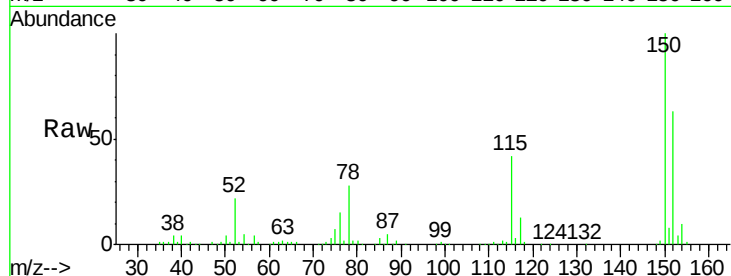
Tot Ion:152 Resp: 138254

Ion Ratio Lower Upper

152 100

150 159.7 126.5 189.7

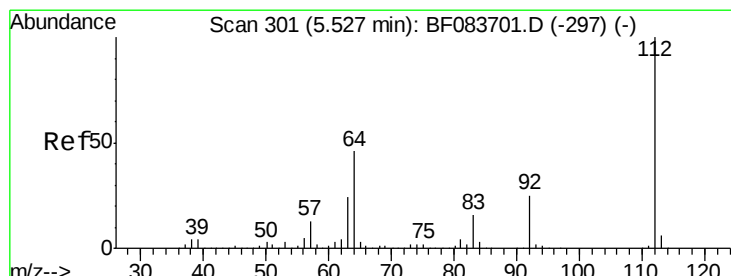
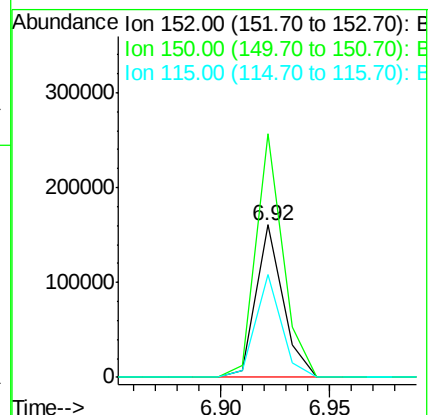
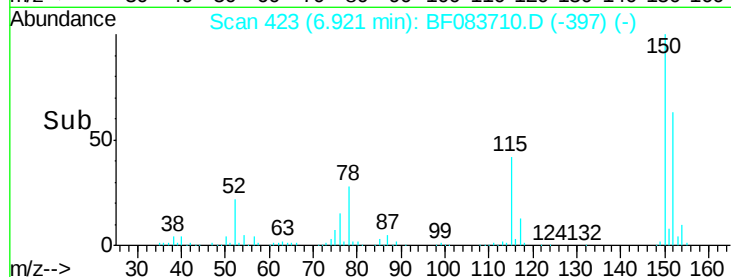
115 67.1 52.3 78.5



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: 112.08 ng

RT: 5.54 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083710.D

Acq: 11 Dec 2015 22:24

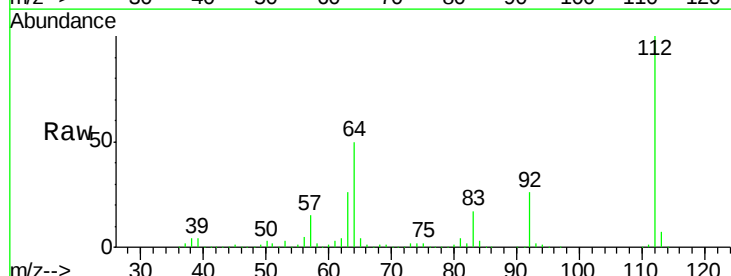
Tgt Ion:112 Resp: 1006193

Ion Ratio Lower Upper

112 100

64 50.4 50.5 75.7#

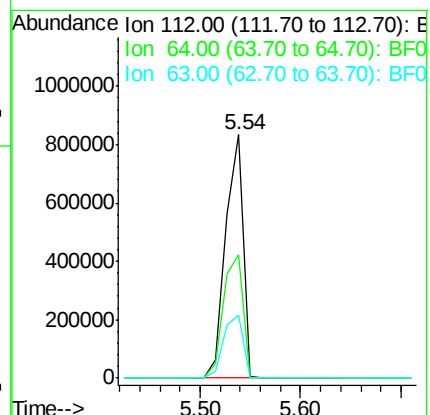
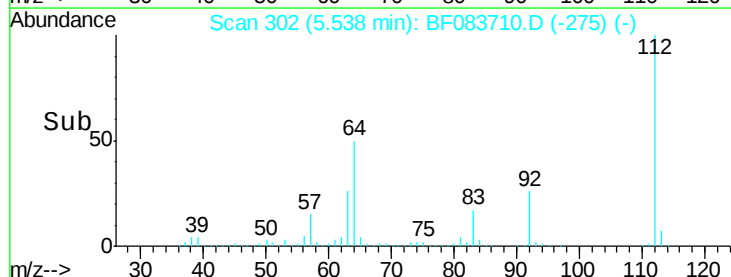
63 25.8 25.8 38.6#

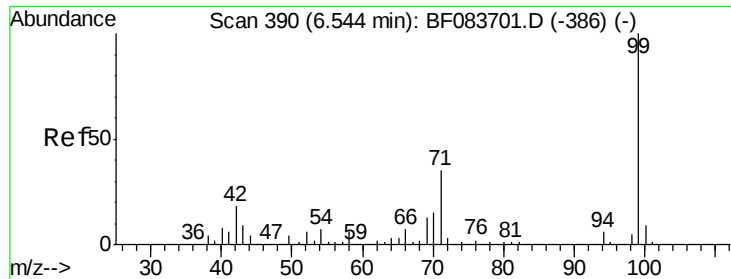


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 92.22 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF083710.D

Acq: 11 Dec 2015 22:24

Instrument :

BNA_F

ClientSampleId :

PB87142BL

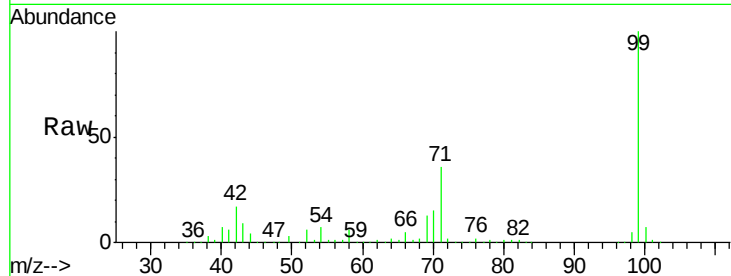
Tot Ion: 99 Resp: 1022365

Ion Ratio Lower Upper

99 100

42 17.3 17.3 25.9

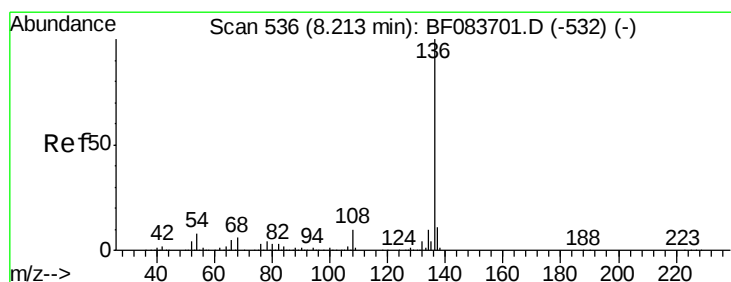
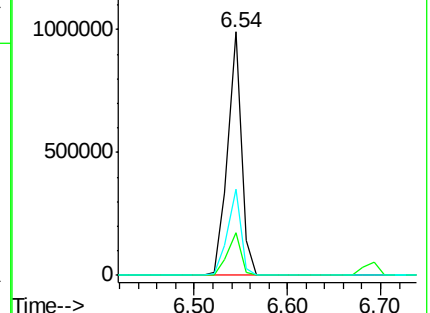
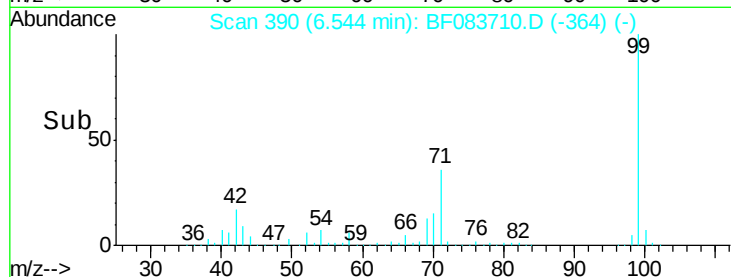
71 35.6 26.6 40.0



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: BF083710.D

Acq: 11 Dec 2015 22:24

Tgt Ion: 136 Resp: 532844

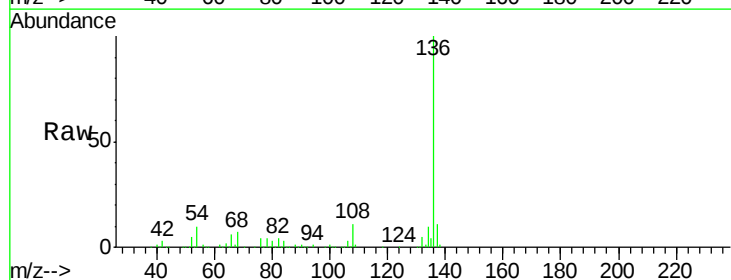
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 9.6 7.8 11.6

68 7.1 5.7 8.5

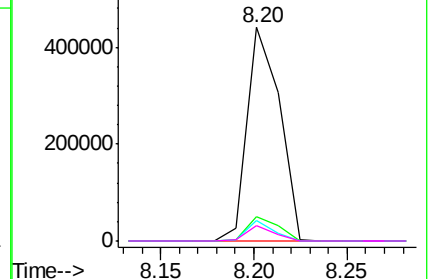
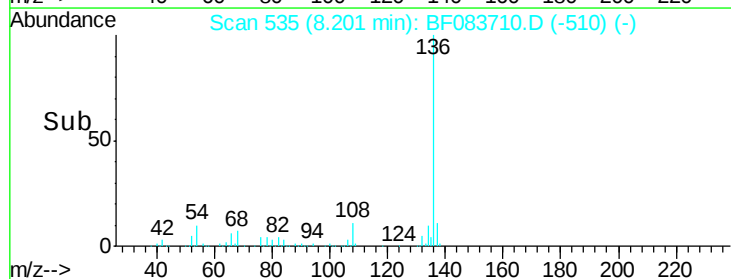


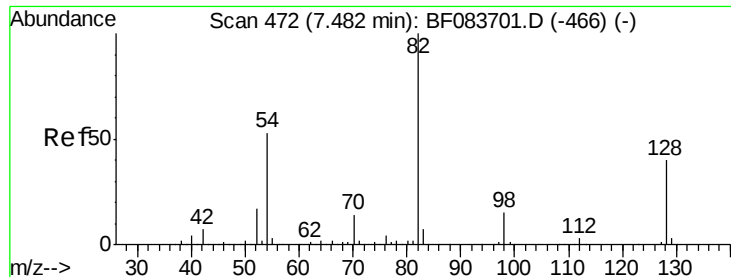
Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.39 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.00 min

Lab File: BF083710.D

Acq: 11 Dec 2015 22:24

Instrument :

BNA_F

ClientSampleId :

PB87142BL

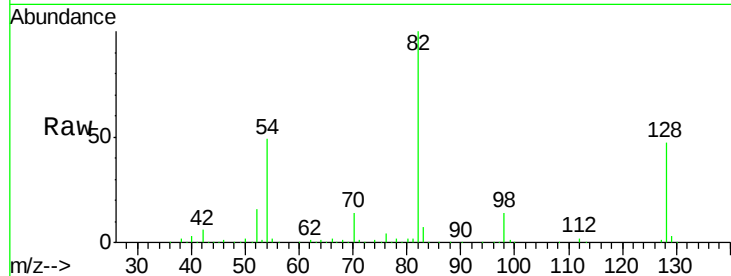
Tot Ion: 82 Resp: 718024

Ion Ratio Lower Upper

82 100

128 47.1 30.7 46.1#

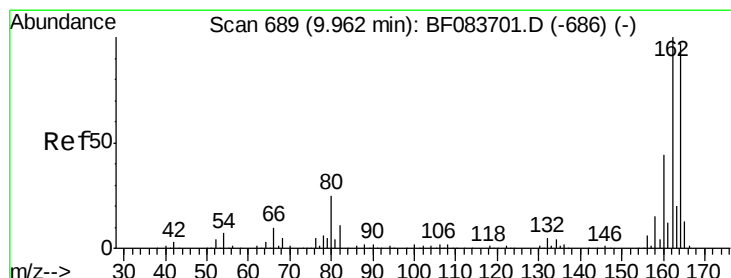
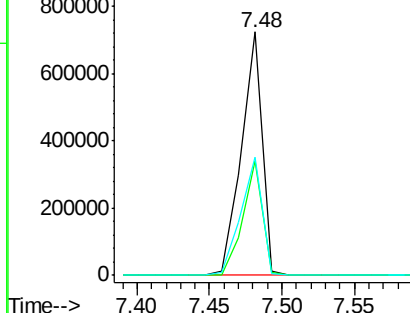
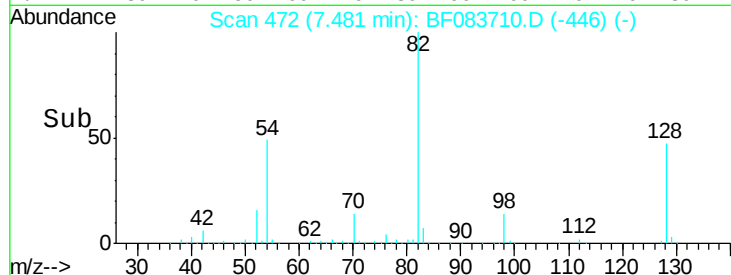
54 48.5 42.5 63.7



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: BF083710.D

Acq: 11 Dec 2015 22:24

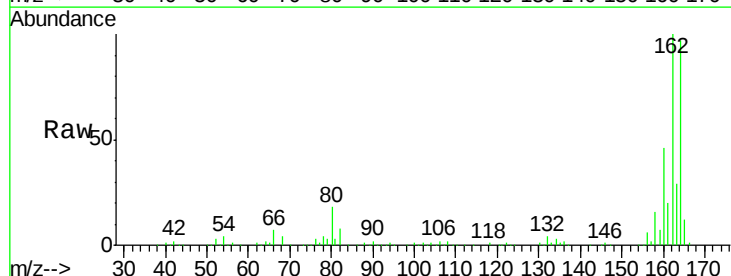
Tgt Ion:164 Resp: 267614

Ion Ratio Lower Upper

164 100

162 103.2 78.8 118.2

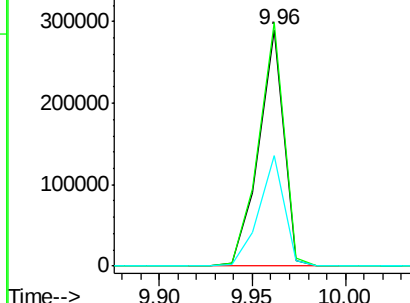
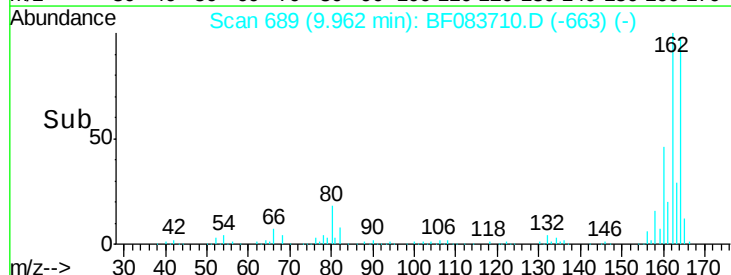
160 47.1 33.4 50.2

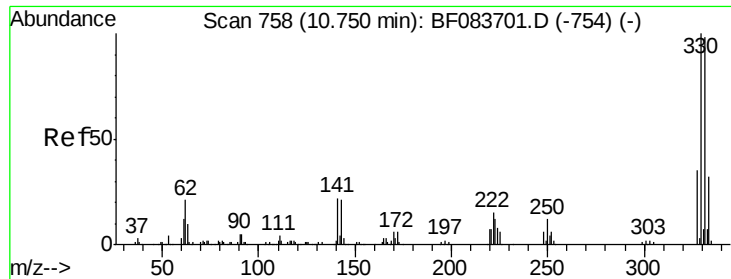


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

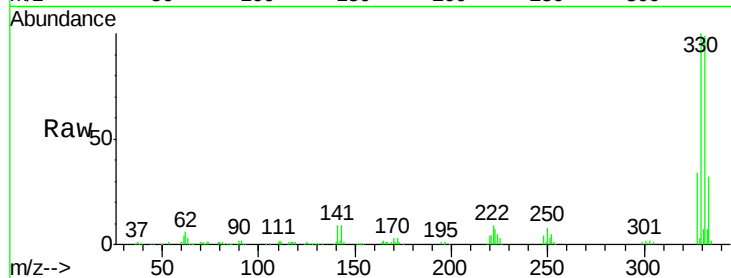




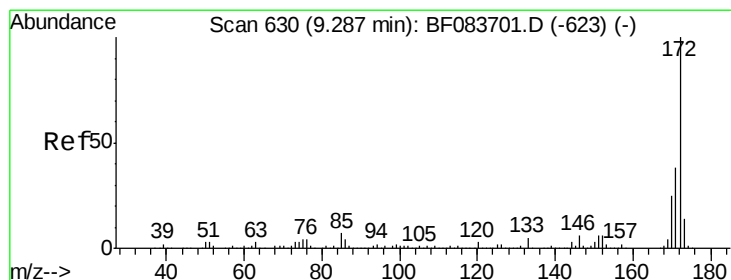
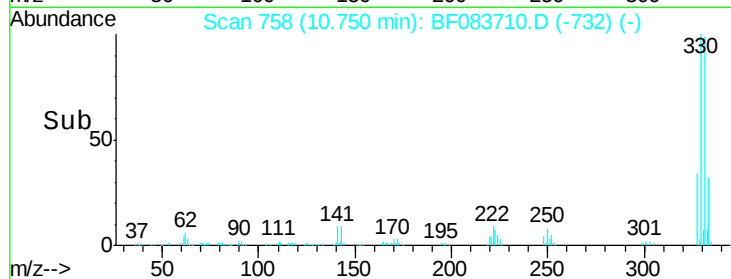
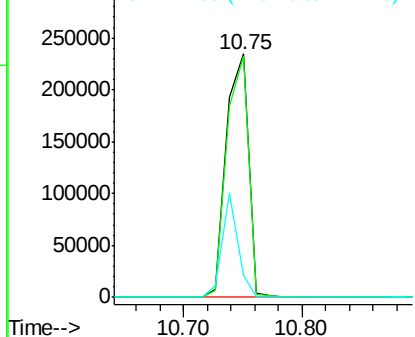
#41
 2,4,6-Tribromophenol
 Concen: 117.28 ng
 RT: 10.75 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF083710.D
 Acq: 11 Dec 2015 22:24

Instrument :
 BNA_F
 ClientSampleId :
 PB87142BL

Tot Ion:330 Resp: 303814
 Ion Ratio Lower Upper
 330 100
 332 97.2 0.0 0.0#
 141 30.6 0.0 0.0#

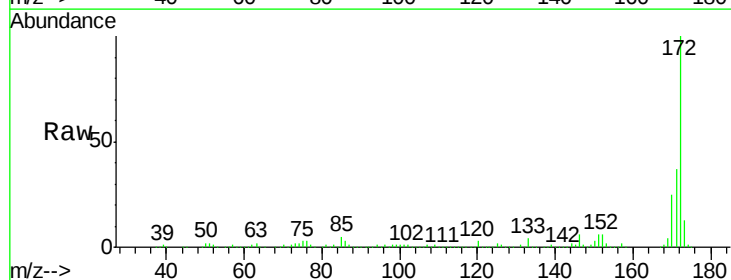


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

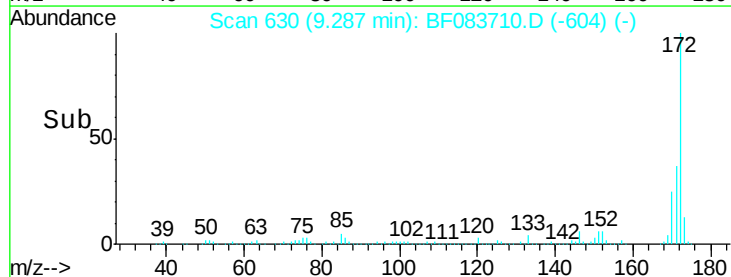
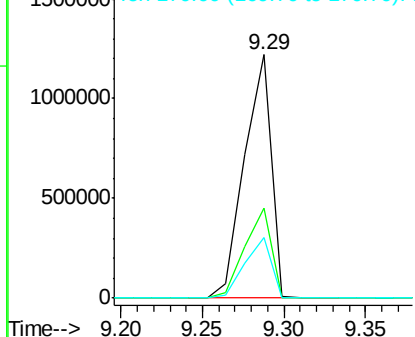


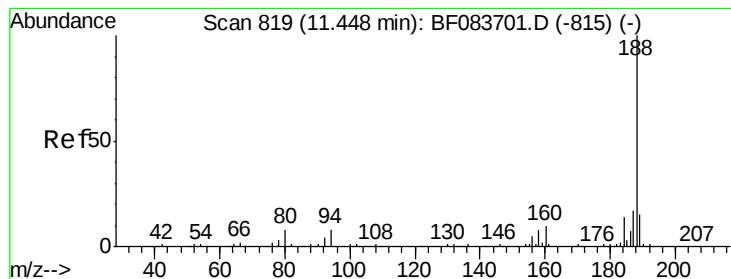
#44
 2-Fluorobiphenyl
 Concen: 76.52 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF083710.D
 Acq: 11 Dec 2015 22:24

Tgt Ion:172 Resp: 1390354
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.6 42.8
 170 24.6 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF083710.D

Acq: 11 Dec 2015 22:24

Instrument :

BNA_F

ClientSampleId :

PB87142BL

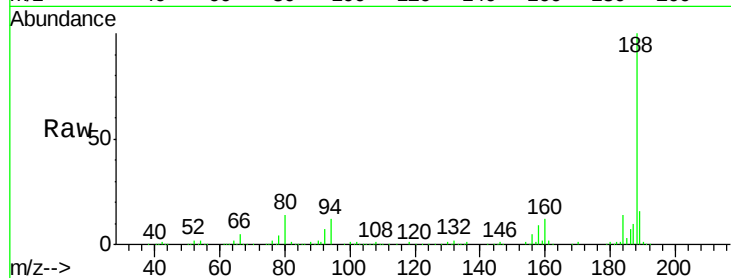
Tot Ion:188 Resp: 477593

Ion Ratio Lower Upper

188 100

94 12.0 9.4 14.2

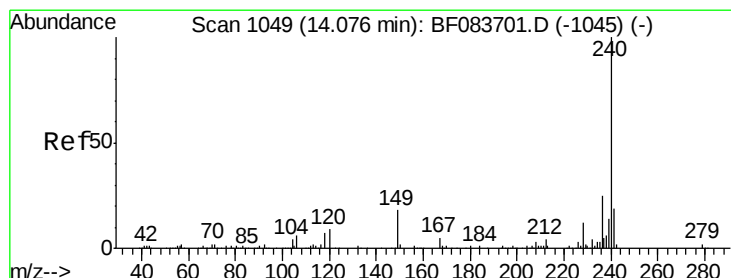
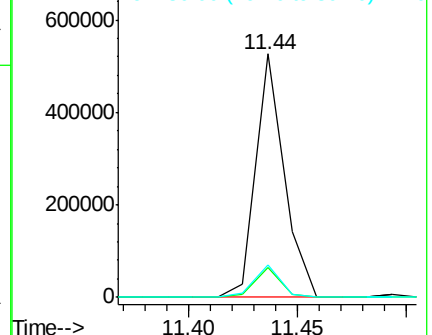
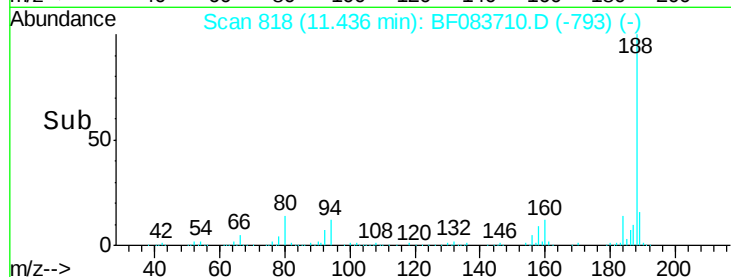
80 13.5 10.6 16.0



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: BF083710.D

Acq: 11 Dec 2015 22:24

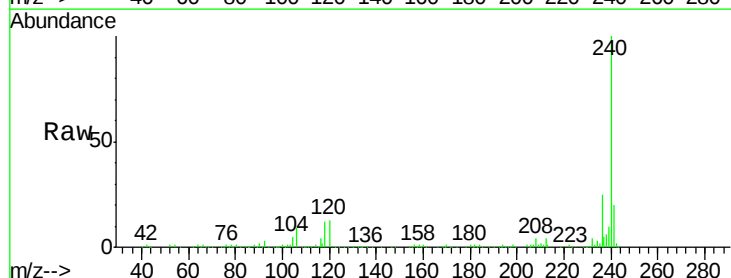
Tgt Ion:240 Resp: 400268

Ion Ratio Lower Upper

240 100

120 13.3 8.1 12.1#

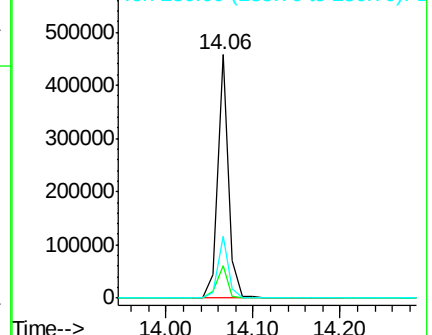
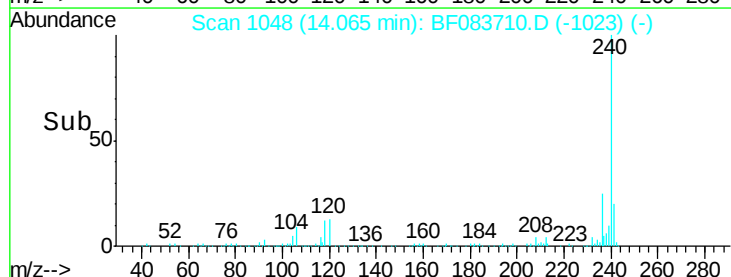
236 25.4 20.8 31.2

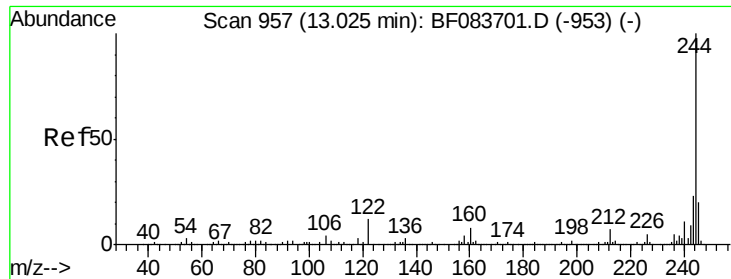


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

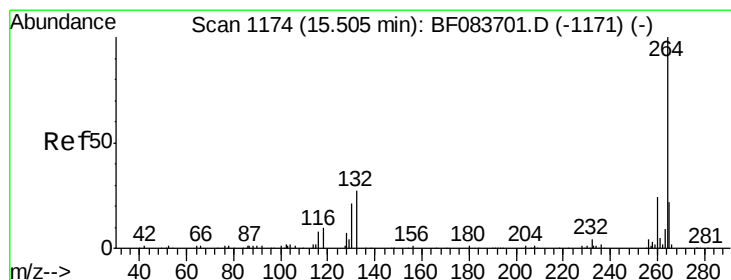
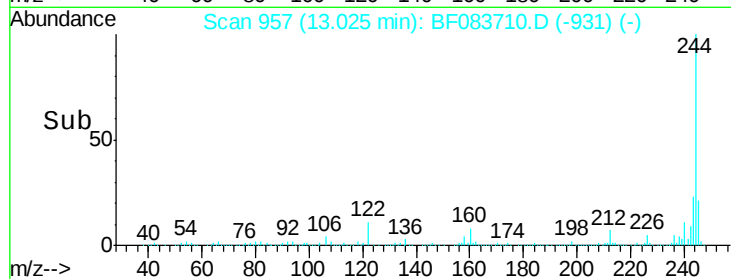
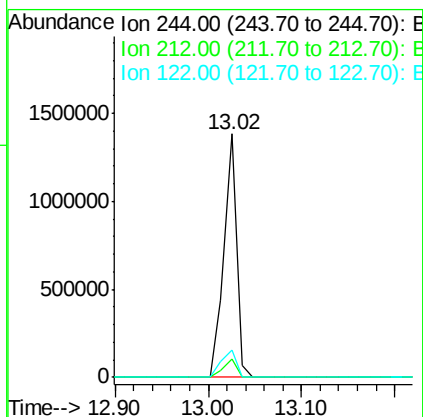
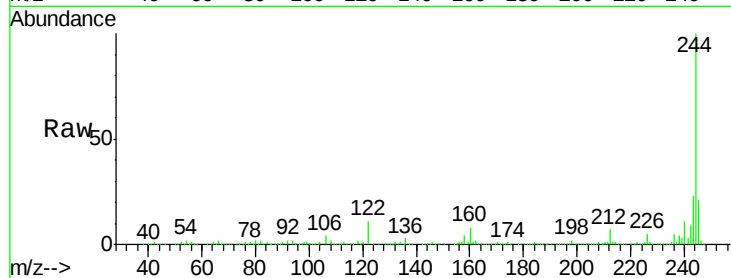




#78
 Terphenyl-d14
 Concen: 73.30 ng
 RT: 13.02 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BF083710.D
 Acq: 11 Dec 2015 22:24

Instrument :
 BNA_F
 ClientSampleId :
 PB87142BL

Tot Ion:244 Resp: 1306468
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 11.1 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: BF083710.D
 Acq: 11 Dec 2015 22:24

Tgt Ion:264 Resp: 271608
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.0
 265 21.3 17.8 26.6

