

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083760.D
 Acq On : 14 Dec 2015 6:01
 Operator : UM/IZ
 Sample : G4648-03
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-0.16)

Quant Time: Dec 14 07:14:40 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

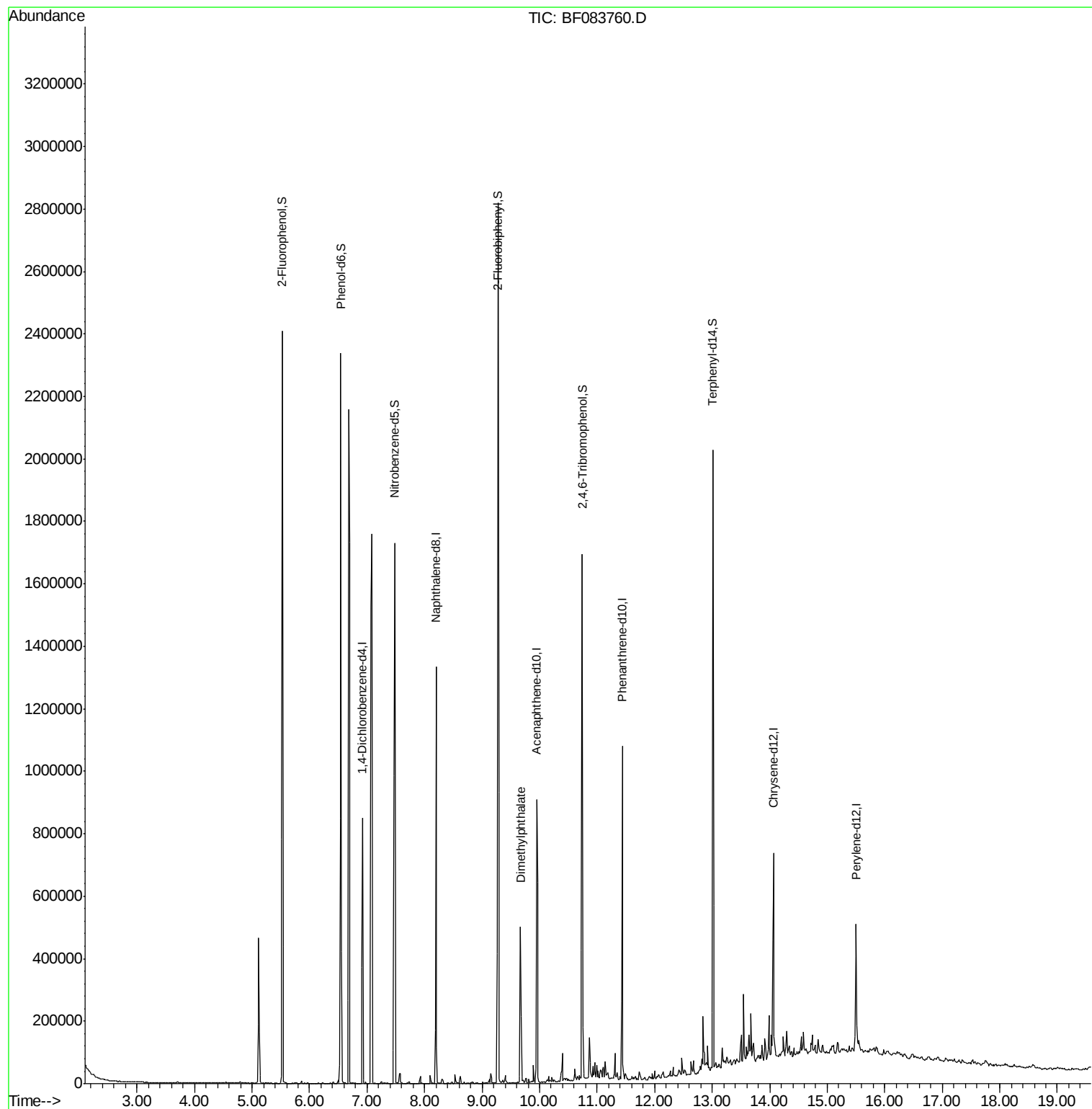
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	144961	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	551368	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	232850	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	369583	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	259270	20.00	ng	-0.01
86) Perylene-d12	15.51	264	213778	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	756494	84.19	ng	0.00
7) Phenol-d6	6.54	99	925789	81.36	ng	0.00
23) Nitrobenzene-d5	7.48	82	678557	68.85	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	191213	80.59	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	974054	55.51	ng	-0.01
78) Terphenyl-d14	13.01	244	605784	50.26	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.66	163	233843	12.88	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: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF083760.D

Acq: 14 Dec 2015 6:01

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)

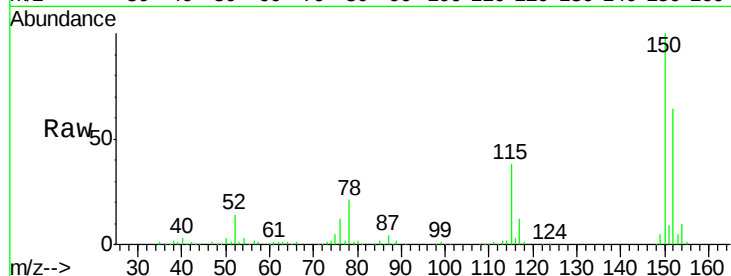
Tot Ion:152 Resp: 144961

Ion Ratio Lower Upper

152 100

150 155.5 126.5 189.7

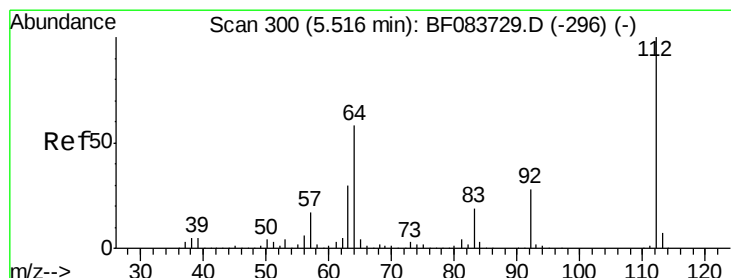
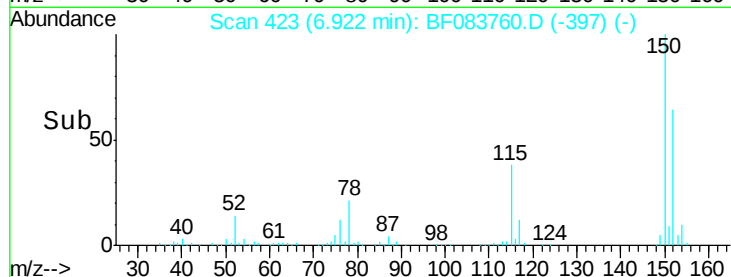
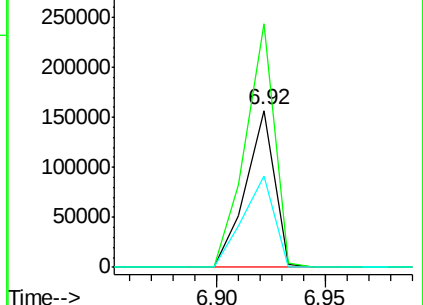
115 58.4 52.3 78.5



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: 84.19 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF083760.D

Acq: 14 Dec 2015 6:01

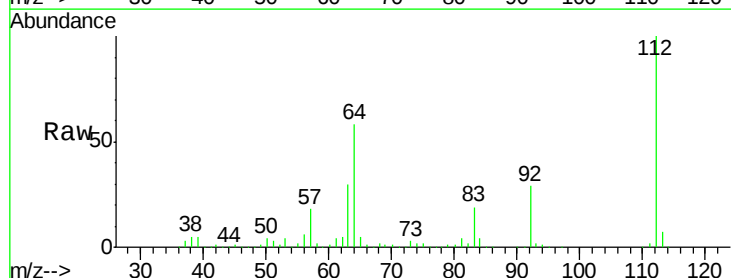
Tgt Ion:112 Resp: 756494

Ion Ratio Lower Upper

112 100

64 58.3 50.5 75.7

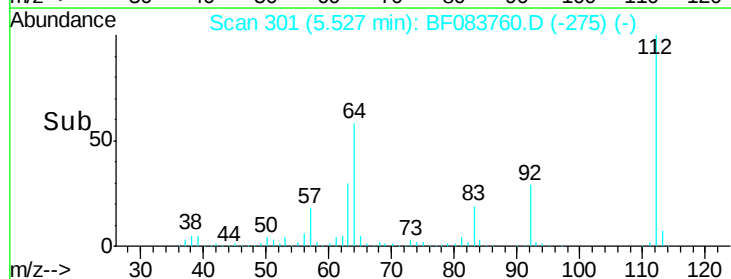
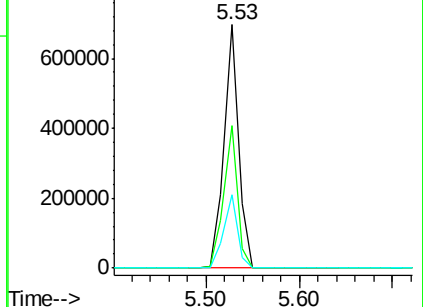
63 30.2 25.8 38.6



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: 81.36 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083760.D

Acq: 14 Dec 2015 6:01

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)

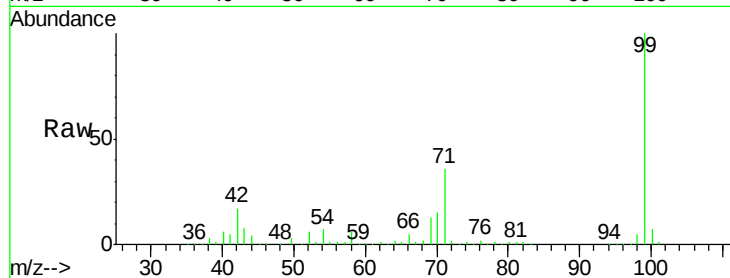
Tot Ion: 99 Resp: 925789

Ion Ratio Lower Upper

99 100

42 16.6 17.3 25.9#

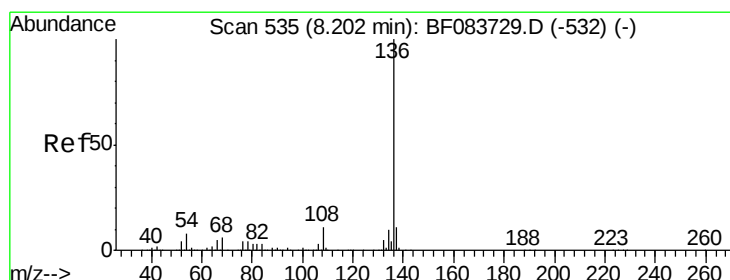
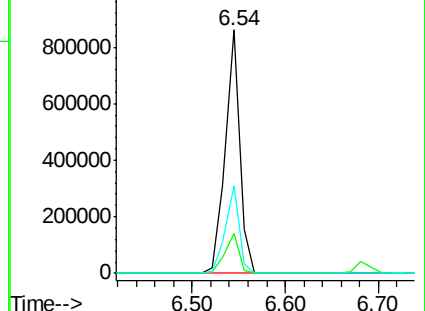
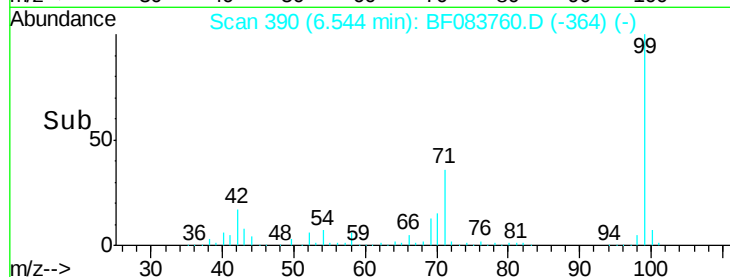
71 36.2 26.6 40.0



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: BF083760.D

Acq: 14 Dec 2015 6:01

Tgt Ion: 136 Resp: 551368

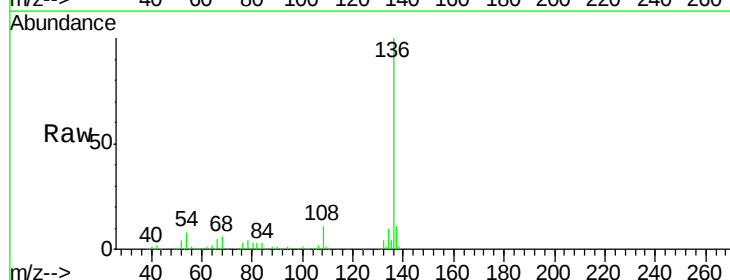
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 7.7 7.8 11.6#

68 6.2 5.7 8.5

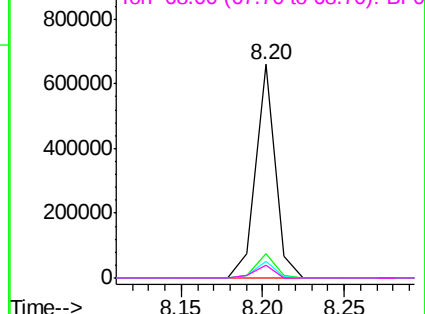
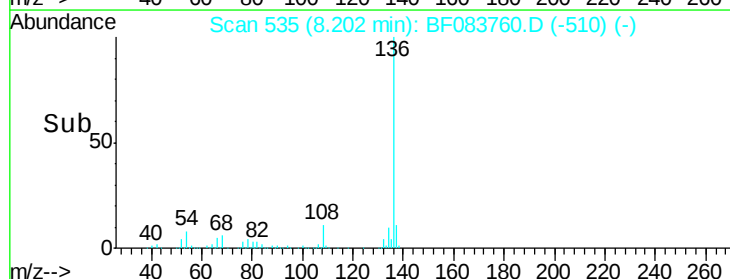


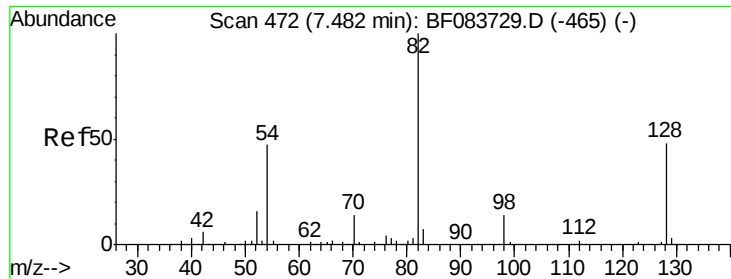
Abundance Ion 136.00 (135.70 to 136.70): E

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

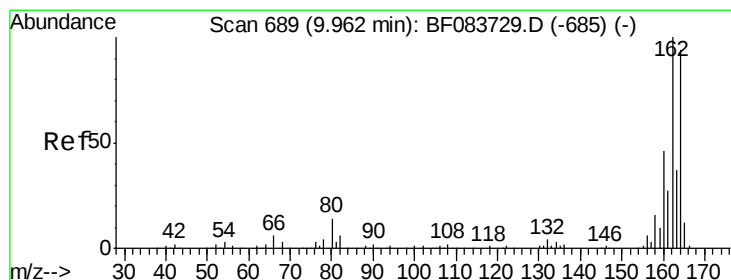
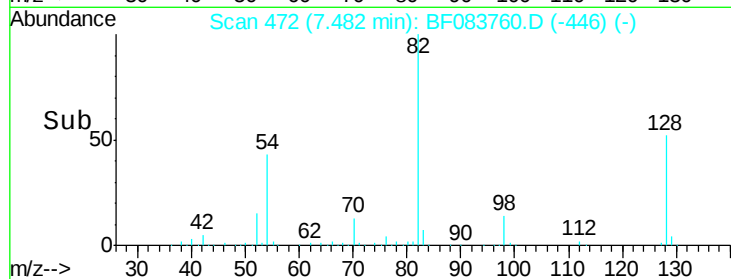
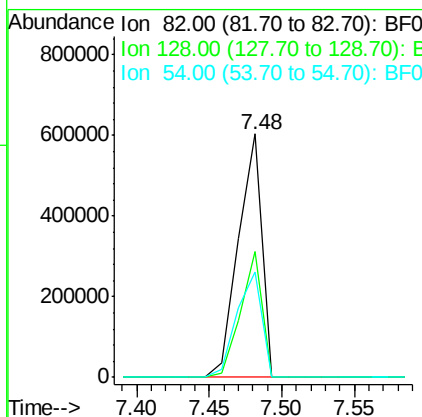
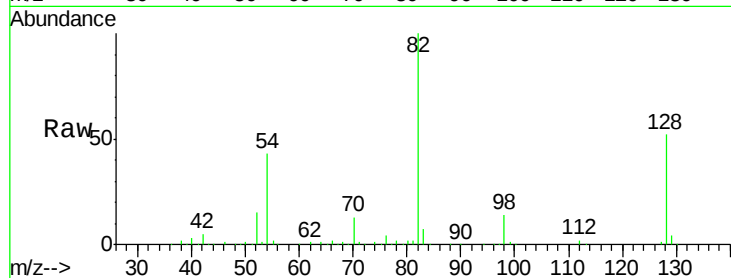




#23
 Nitrobenzene-d5
 Concen: 68.85 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF083760.D
 Acq: 14 Dec 2015 6:01

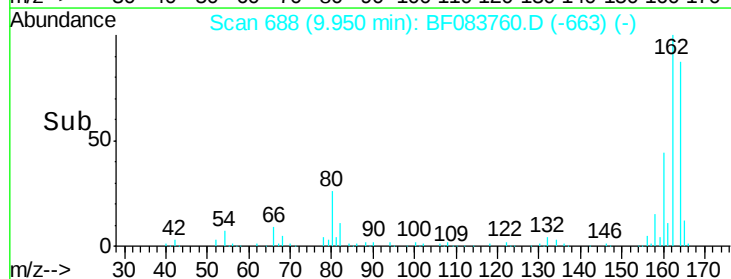
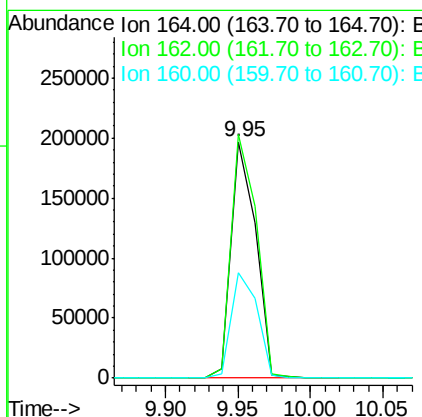
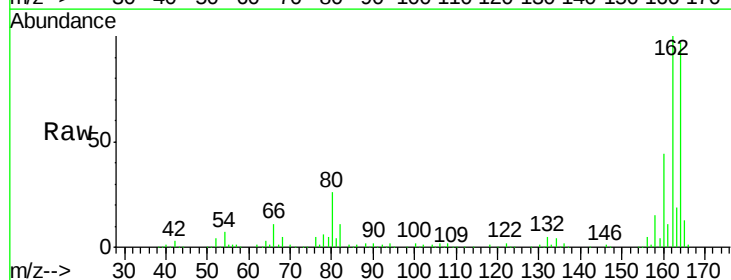
Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-0.16)

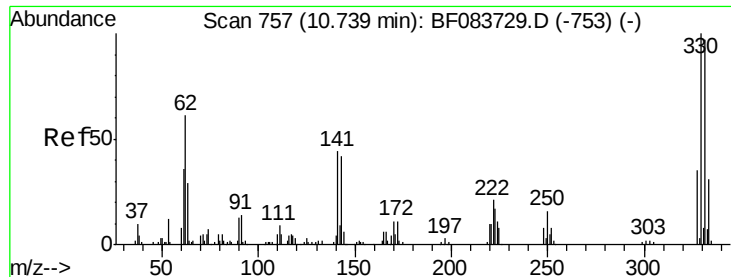
Tot Ion	82	Resp	678557
Ion Ratio	100	Lower	Upper
128	51.9	30.7	46.1#
54	43.4	42.5	63.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF083760.D
 Acq: 14 Dec 2015 6:01

Tgt Ion	164	Resp	232850
Ion Ratio	100	Lower	Upper
162	103.1	78.8	118.2
160	44.9	33.4	50.2

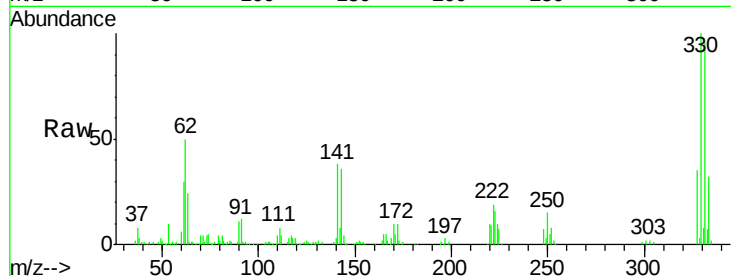




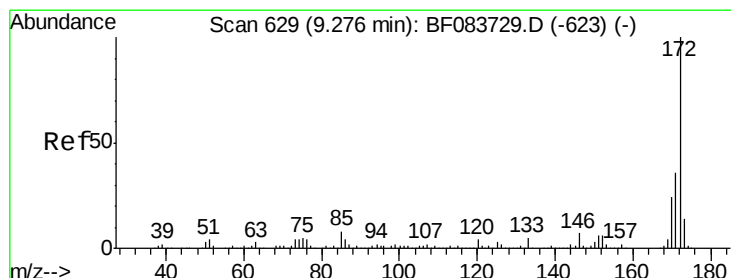
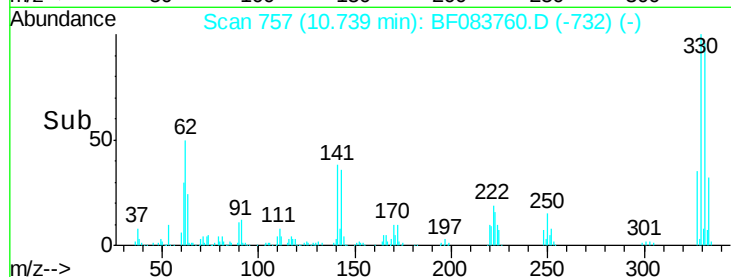
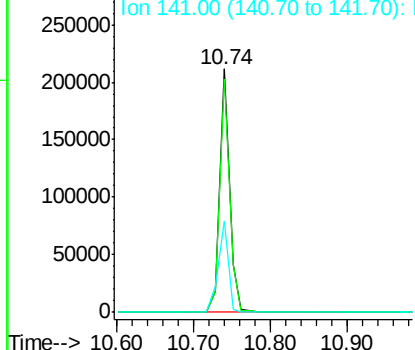
#41
 2,4,6-Tribromophenol
 Concen: 80.59 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF083760.D
 Acq: 14 Dec 2015 6:01

Instrument :
 BNA_F
 ClientSampled :
 SB-01(0-0.16)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	38.9	0.0	0.0#

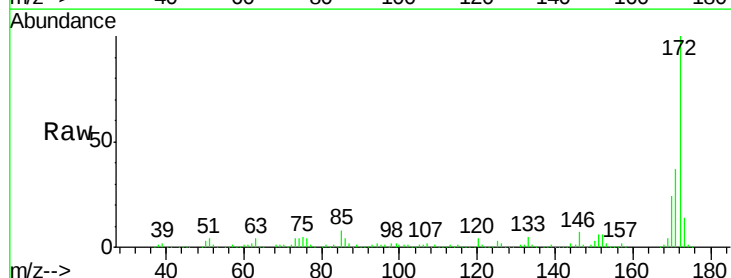


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

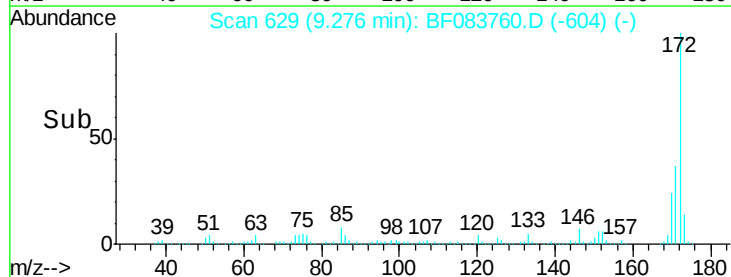
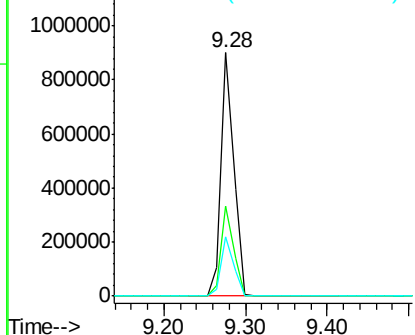


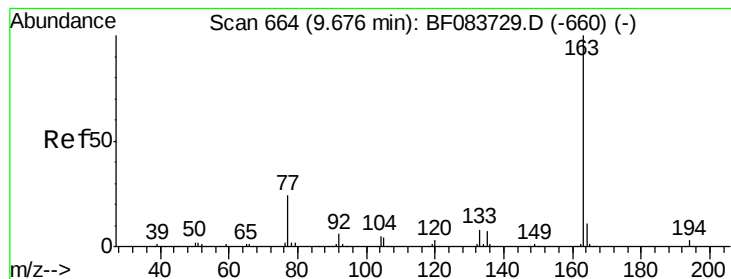
#44
 2-Fluorobiphenyl
 Concen: 55.51 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF083760.D
 Acq: 14 Dec 2015 6:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.6	42.8
170	24.2	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: 12.88 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF083760.D

Acq: 14 Dec 2015 6:01

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)

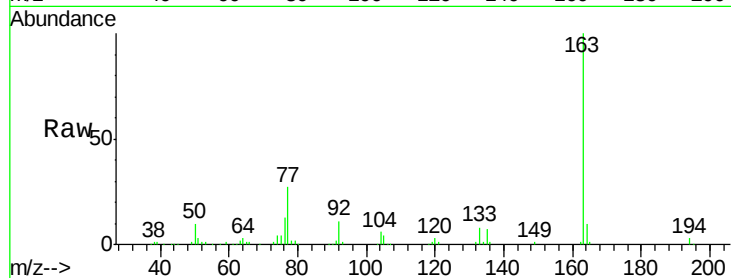
Tot Ion:163 Resp: 233843

Ion Ratio Lower Upper

163 100

194 2.8 2.8 4.2

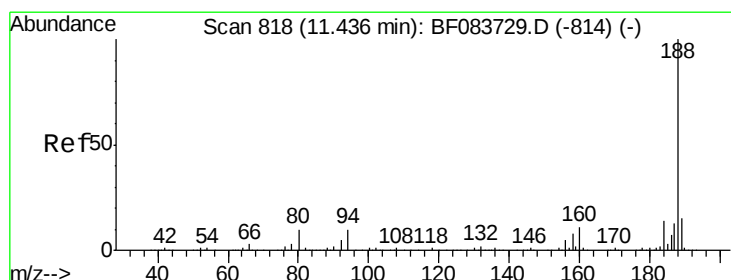
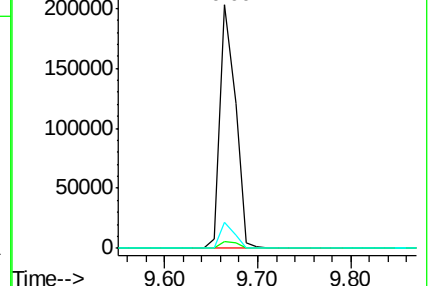
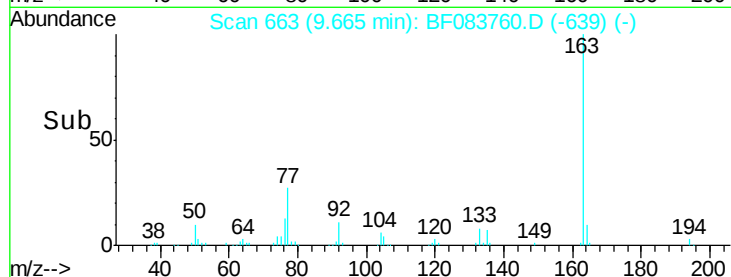
164 10.4 8.6 13.0



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: BF083760.D

Acq: 14 Dec 2015 6:01

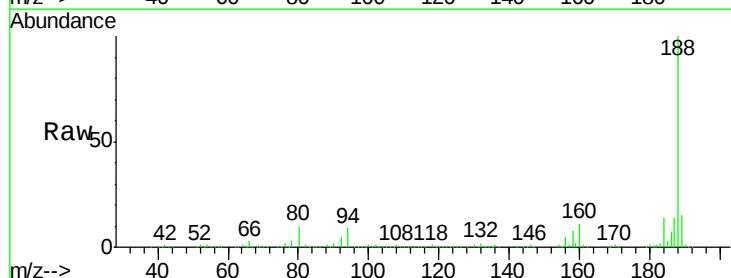
Tgt Ion:188 Resp: 369583

Ion Ratio Lower Upper

188 100

94 9.1 9.4 14.2#

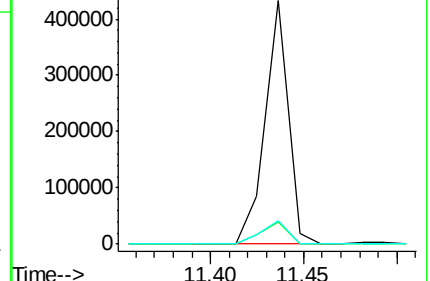
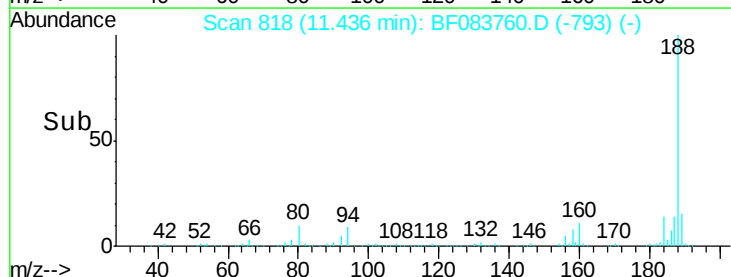
80 9.7 10.6 16.0#

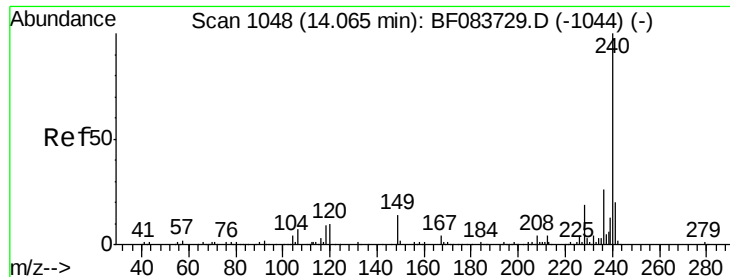


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF083760.D

Acq: 14 Dec 2015 6:01

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)

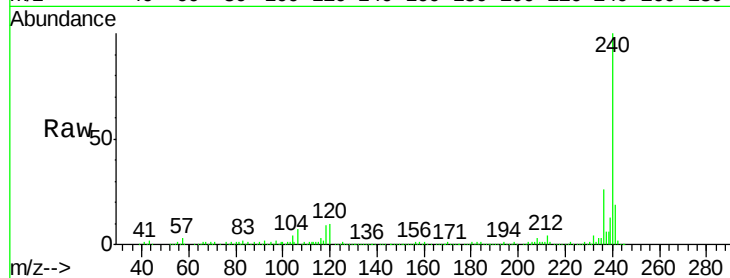
Tot Ion:240 Resp: 259270

Ion Ratio Lower Upper

240 100

120 9.7 8.1 12.1

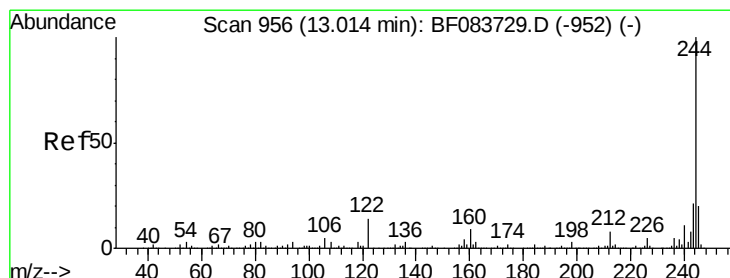
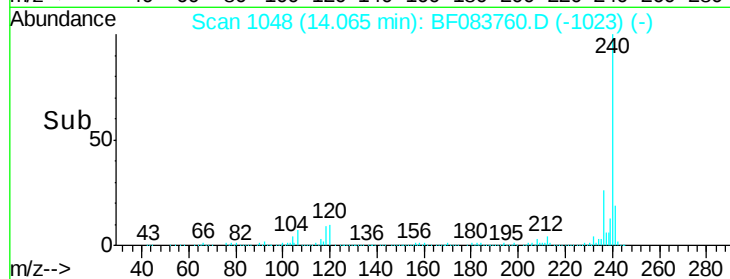
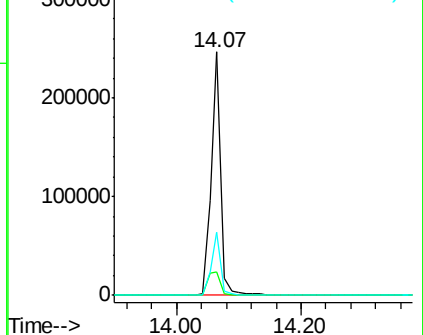
236 25.9 20.8 31.2



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: 50.26 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF083760.D

Acq: 14 Dec 2015 6:01

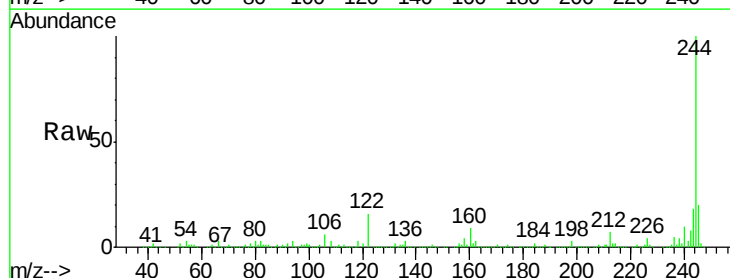
Tgt Ion:244 Resp: 605784

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

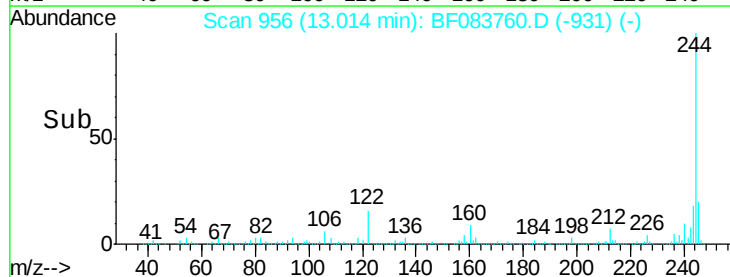
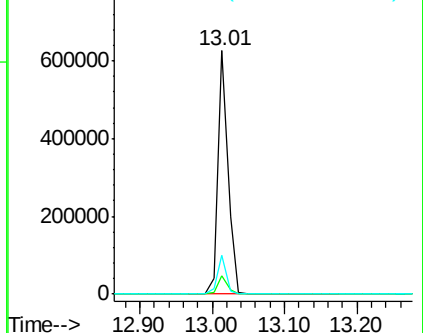
122 15.8 11.0 16.6

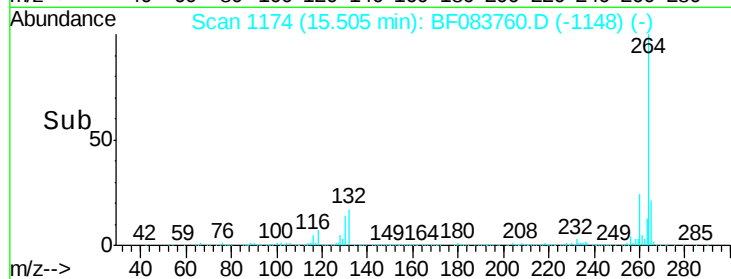
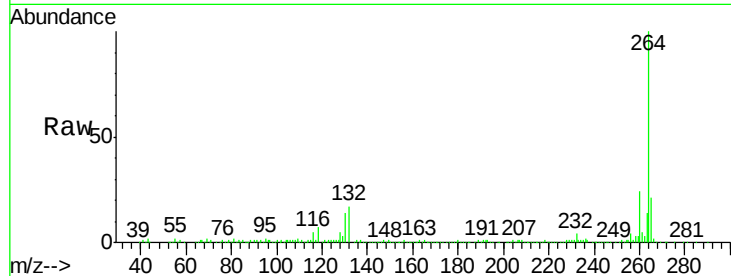
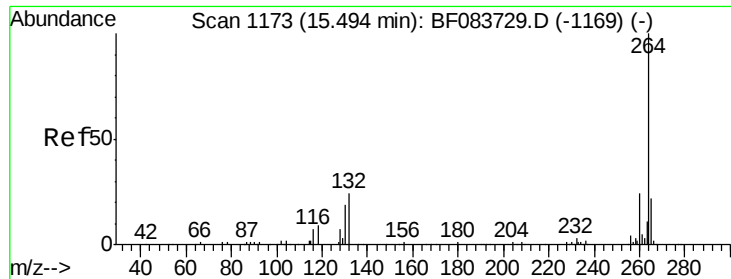


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF083760.D
Acq: 14 Dec 2015 6:01

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.3	17.8	26.6

