

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 06:31:13 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

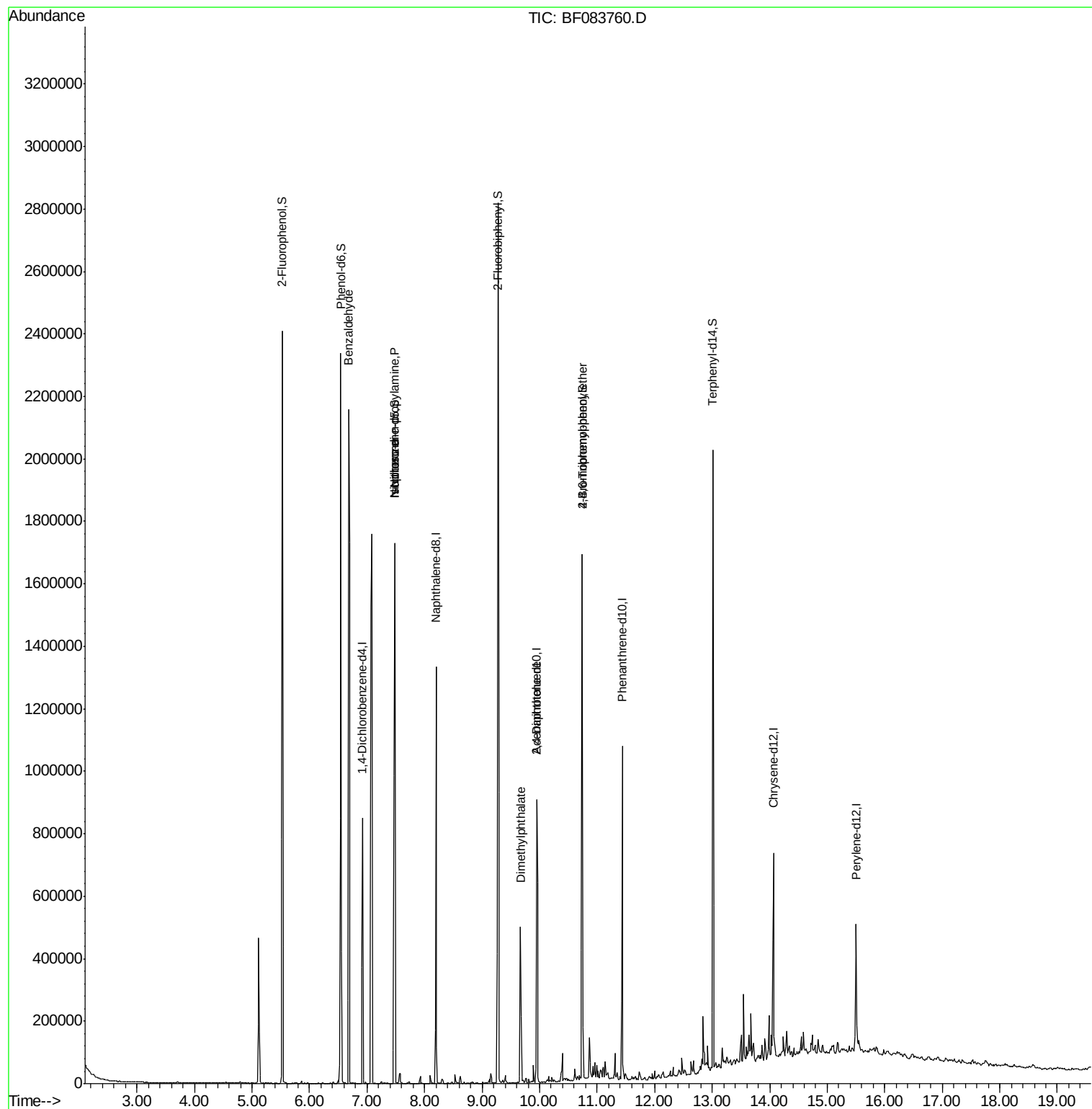
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	144961	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	551368	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	232850	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	369583	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	259270	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
9) Benzaldehyde	6.68	77	18025	2.95	ng	92
19) n-Nitroso-di-n-propylamine	7.48	70	90267	12.95	ng	# 68
25) Isophorone	7.48	82	653583	33.80	ng	# 69
49) Dimethylphthalate	9.66	163	233843	12.88	ng	99
56) 2,4-Dinitrotoluene	9.95	165	29595	5.88	ng	# 13
66) 4-Bromophenyl-phenylether	10.74	248	12868	3.11	ng	# 1

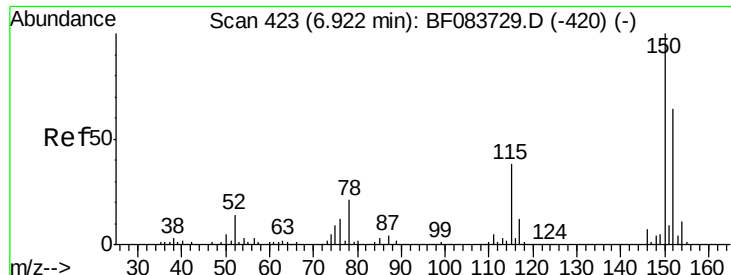
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 06:31:13 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





#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)

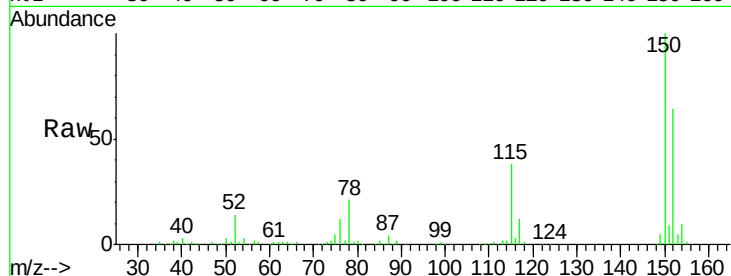
Tgt Ion:152 Resp: 144961

Ion Ratio Lower Upper

152 100

150 155.5 126.5 189.7

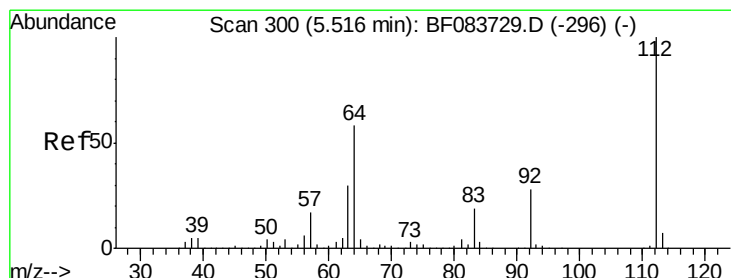
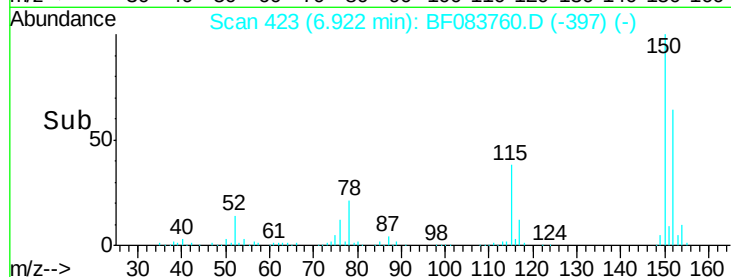
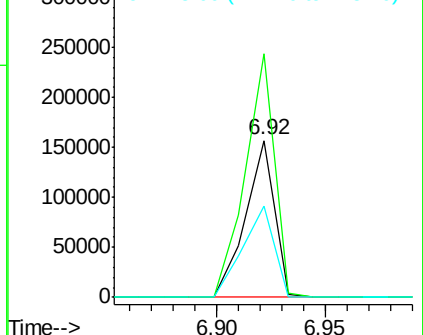
115 58.4 52.3 78.5



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

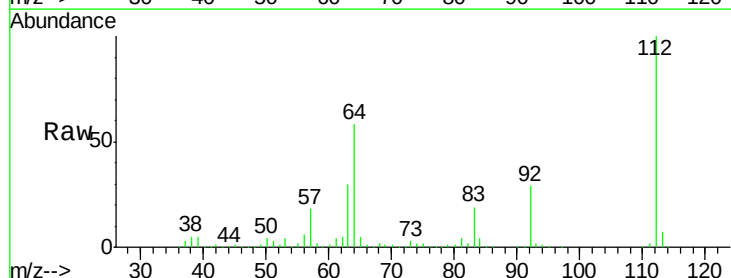
Tgt Ion:112 Resp: 756494

Ion Ratio Lower Upper

112 100

64 58.3 50.5 75.7

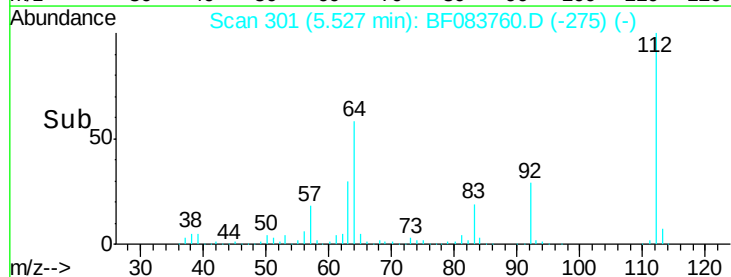
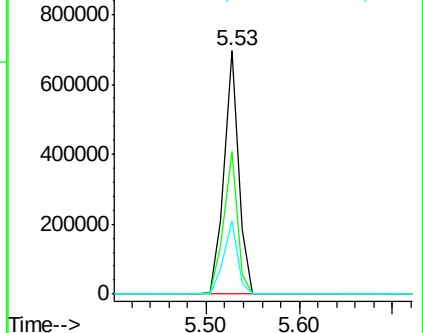
63 30.2 25.8 38.6

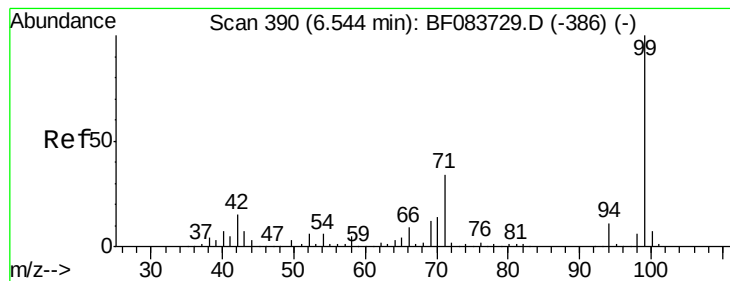


Abundance Ion 112.00 (111.70 to 112.70): E

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)

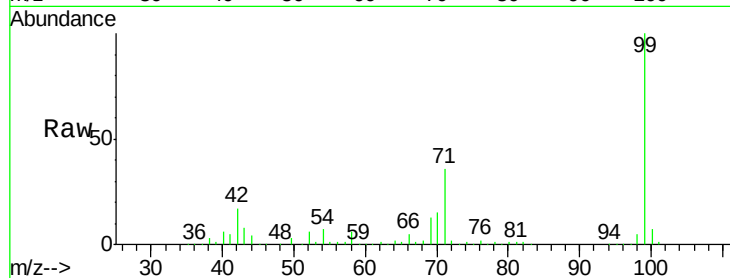
Tgt Ion: 99 Resp: 925789

Ion Ratio Lower Upper

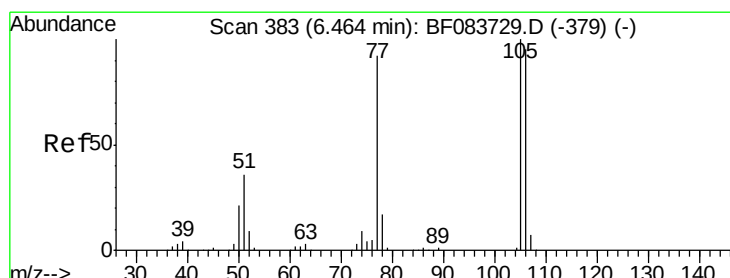
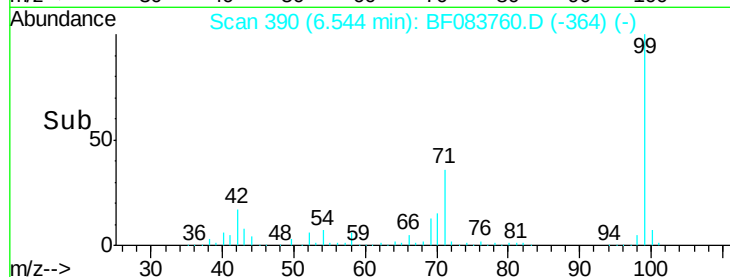
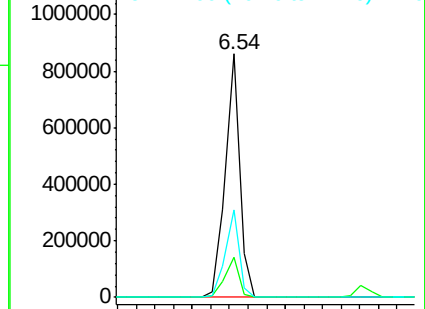
99 100

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



#9

Benzaldehyde

Concen: 2.95 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.22 min

Lab File: BF083760.D

Acq: 14 Dec 2015 6:01

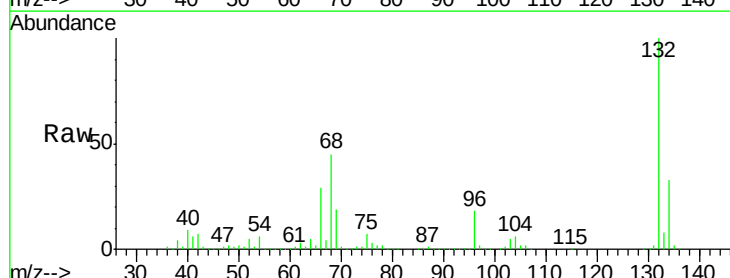
Tgt Ion: 77 Resp: 18025

Ion Ratio Lower Upper

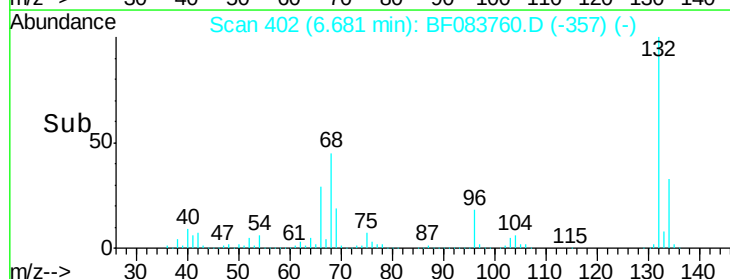
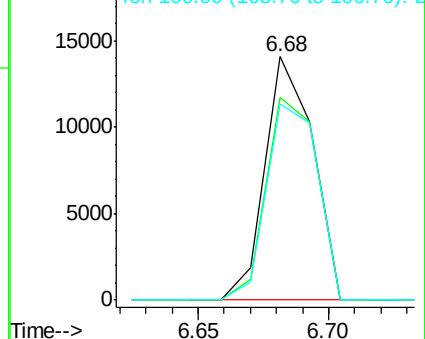
77 100

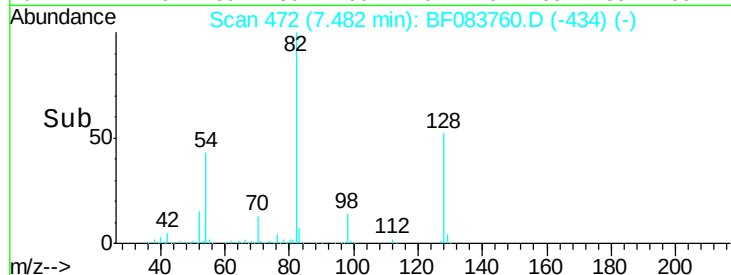
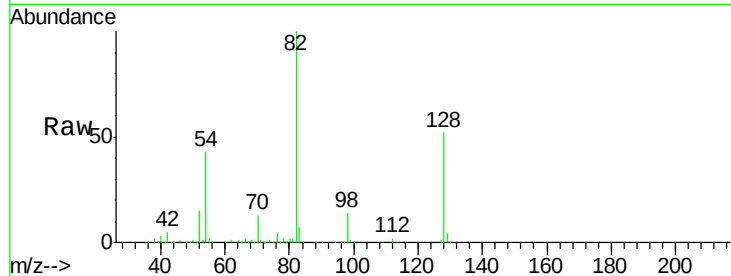
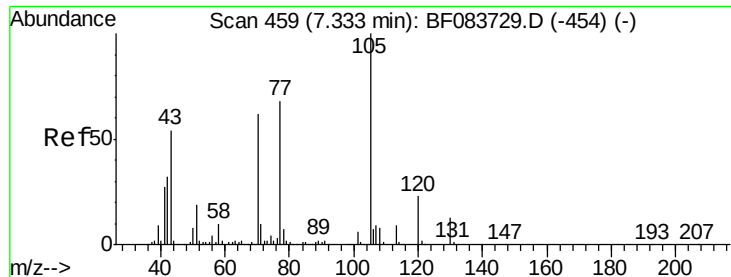
105 83.2 71.8 111.8

106 80.5 66.8 106.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

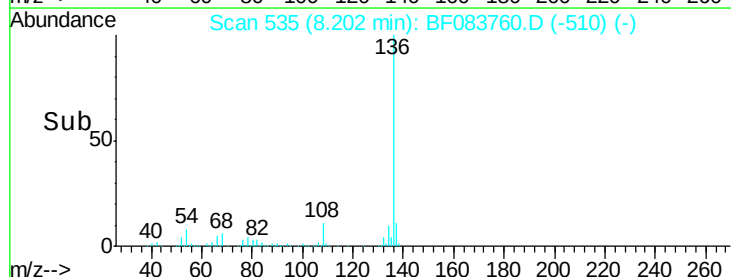
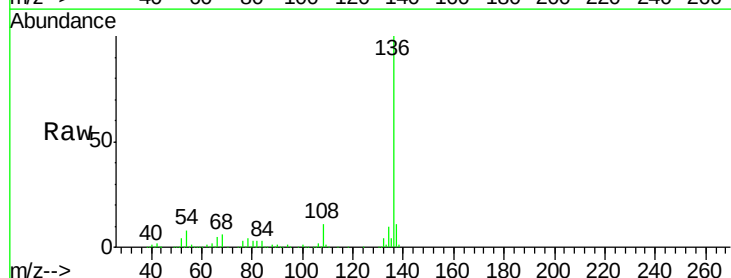
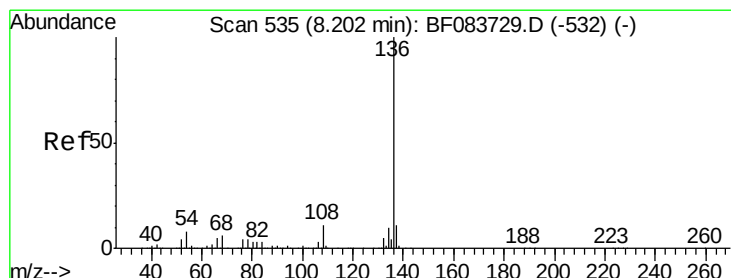
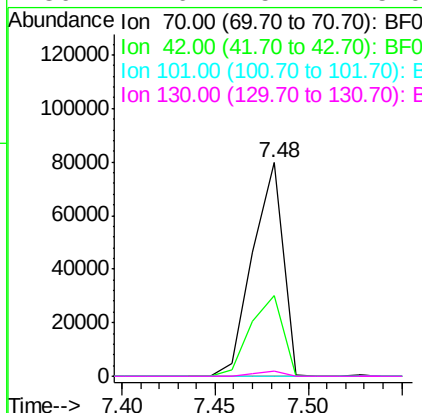




#19
n-Nitroso-di-n-propylamine
Concen: 12.95 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.14 min
Lab File: BF083760.D
Acq: 14 Dec 2015 6:01

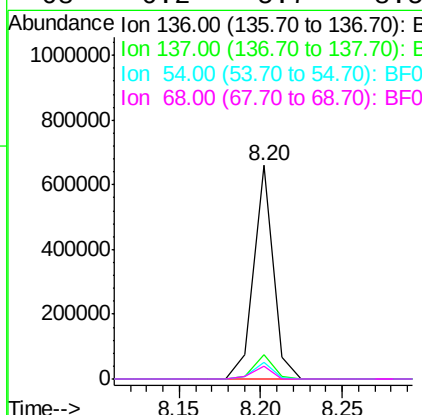
Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)

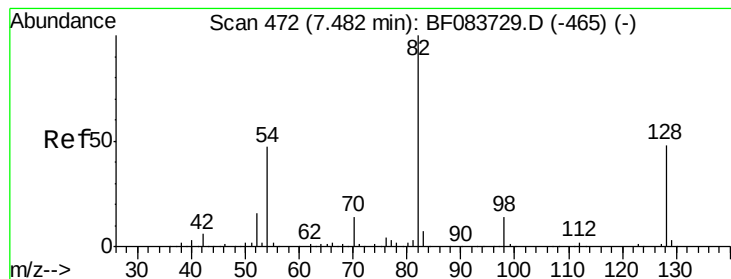
Tgt Ion:	70	Resp:	90267
Ion Ratio	Lower	Upper	
70	100		
42	37.6	49.2	73.8#
101	0.0	7.1	10.7#
130	2.6	15.4	23.0#



#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





#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)

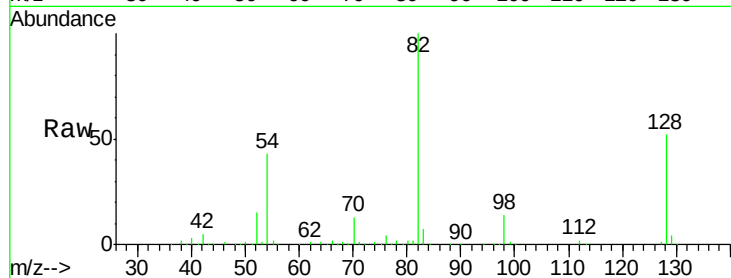
Tgt Ion: 82 Resp: 678557

Ion Ratio Lower Upper

82 100

128 51.9 30.7 46.1#

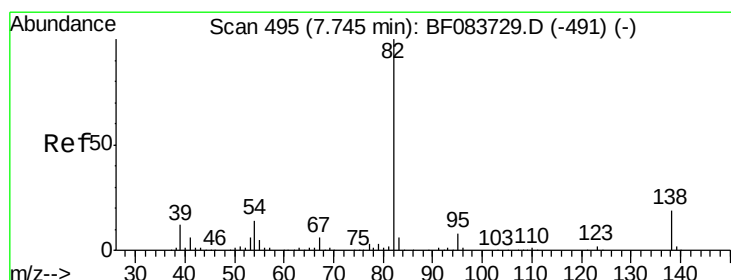
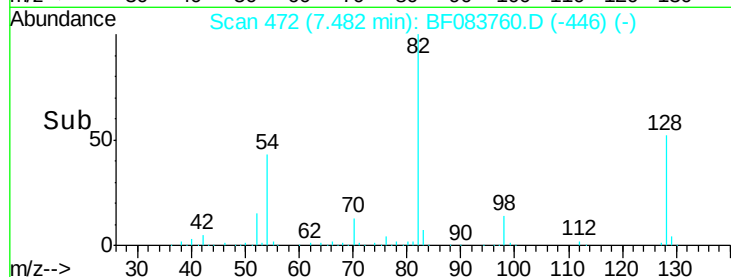
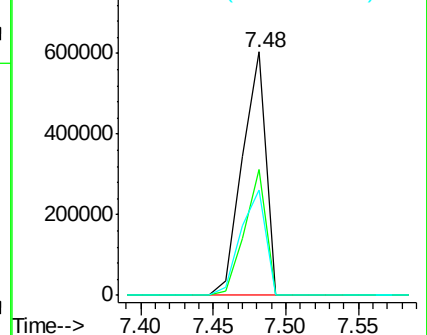
54 43.4 42.5 63.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 33.80 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.26 min

Lab File: BF083760.D

Acq: 14 Dec 2015 6:01

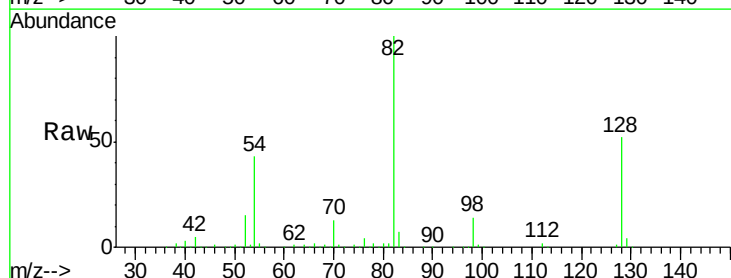
Tgt Ion: 82 Resp: 653583

Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

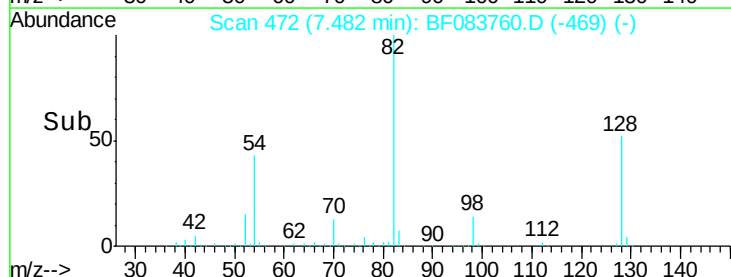
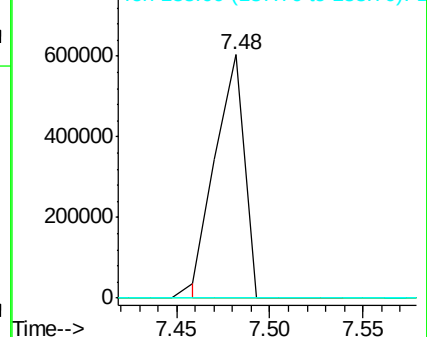
138 0.0 12.1 18.1#

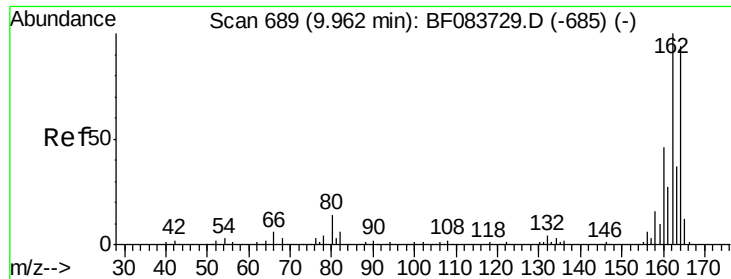


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#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

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)

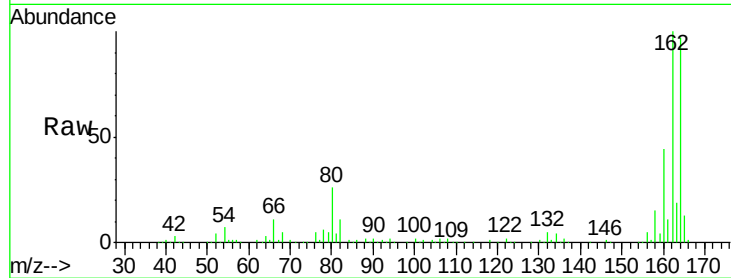
Tgt Ion:164 Resp: 232850

Ion Ratio Lower Upper

164 100

162 103.1 78.8 118.2

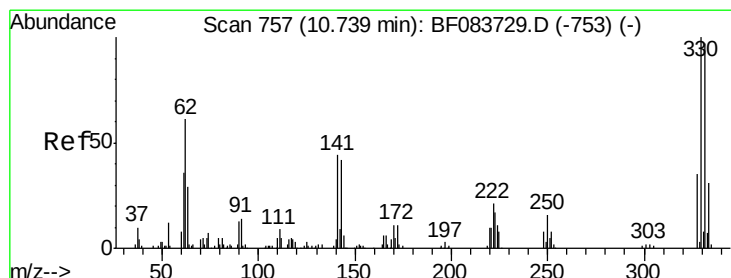
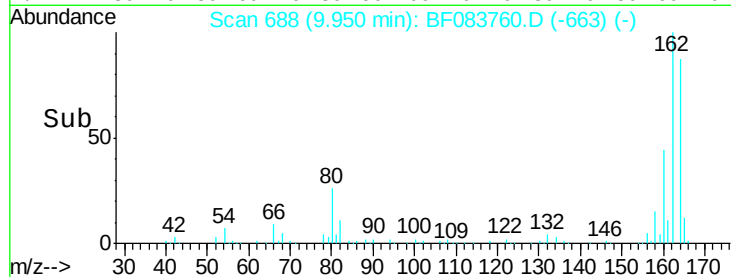
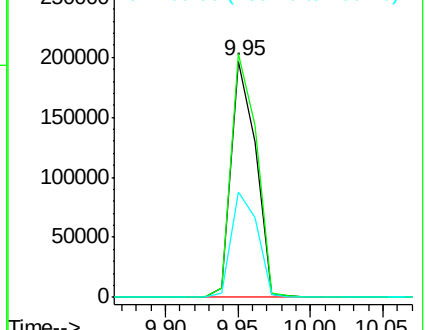
160 44.9 33.4 50.2



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: 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

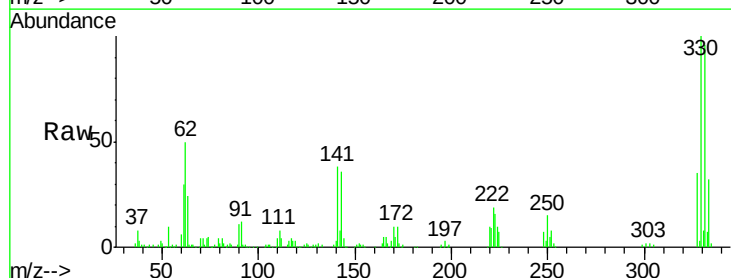
Tgt Ion:330 Resp: 191213

Ion Ratio Lower Upper

330 100

332 96.3 0.0 0.0#

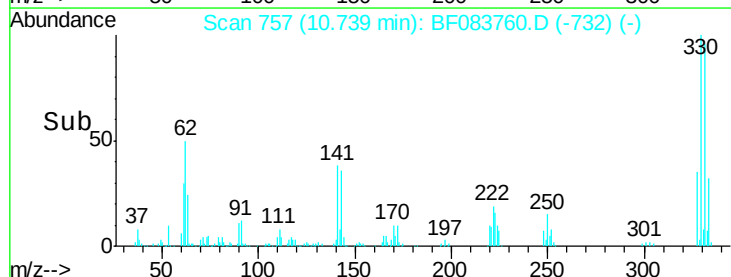
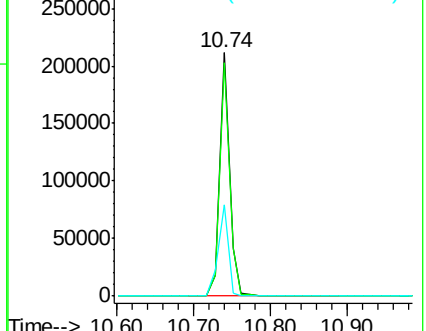
141 38.9 0.0 0.0#

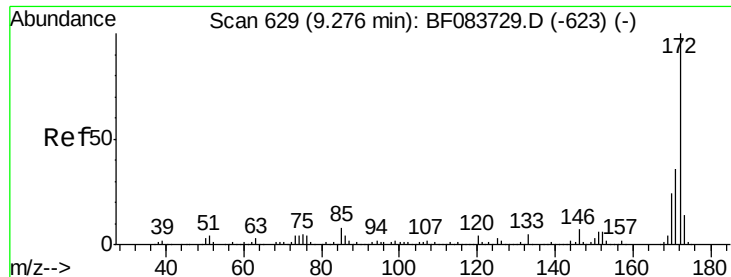


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

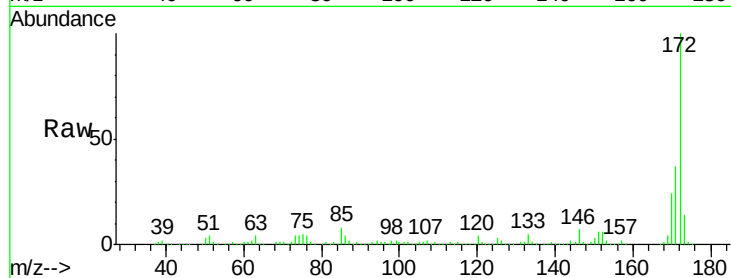




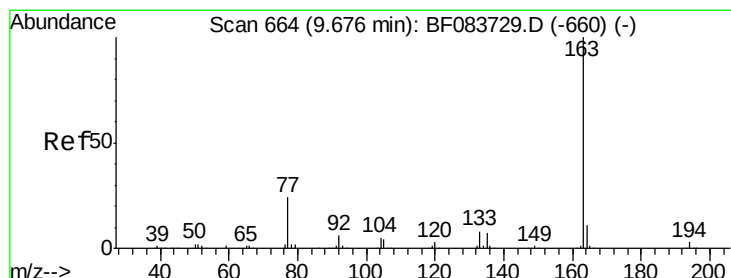
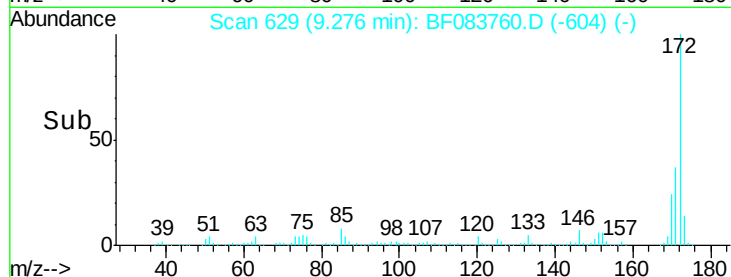
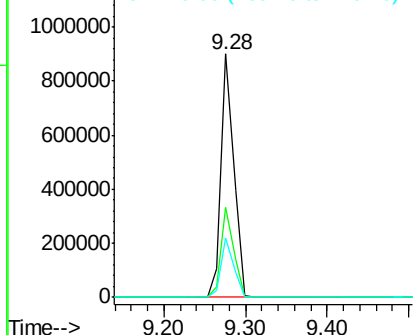
#44
 2-Fluorobiphenyl
 Concen: 55.51 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF083760.D
 Acq: 14 Dec 2015 6:01

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

Tgt Ion:172 Resp: 974054
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.6 42.8
 170 24.2 19.4 29.0

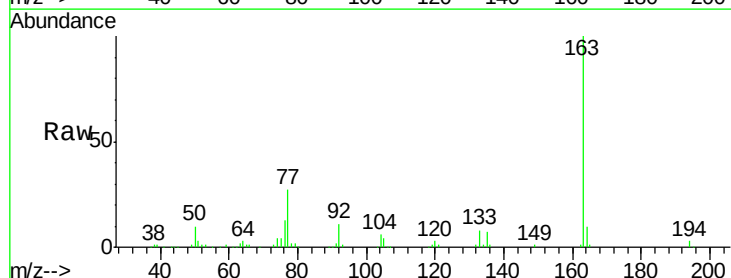


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

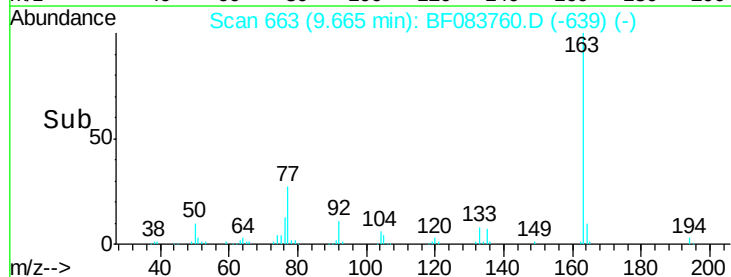
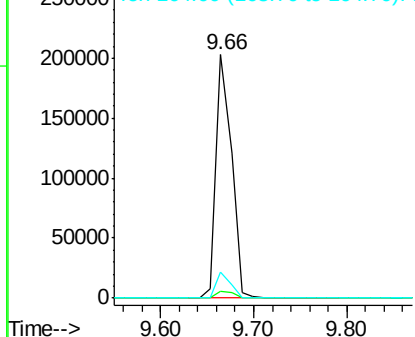


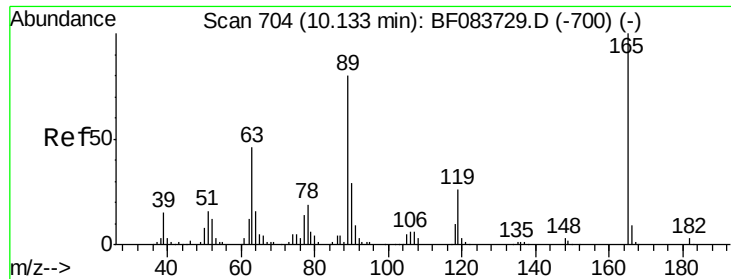
#49
 Dimethylphthalate
 Concen: 12.88 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.02 min
 Lab File: BF083760.D
 Acq: 14 Dec 2015 6:01

Tgt 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

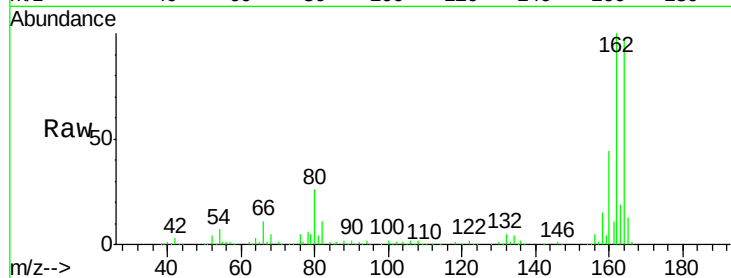




#56
 2,4-Dinitrotoluene
 Concen: 5.88 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.19 min
 Lab File: BF083760.D
 Acq: 14 Dec 2015 6:01

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

Tgt Ion:	165	Resp:	29595
Ion Ratio	Lower	Upper	
165	100		
63	1.4	51.4	77.2#
89	1.9	72.6	108.8#
182	0.0	1.4	2.0#

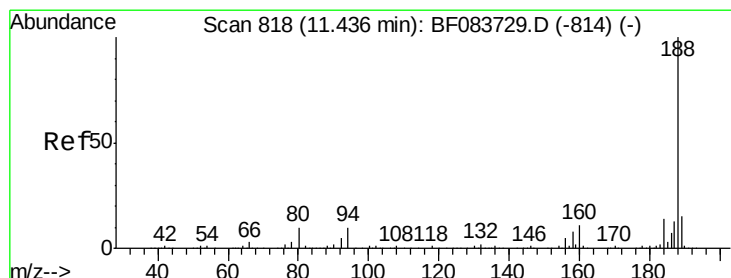
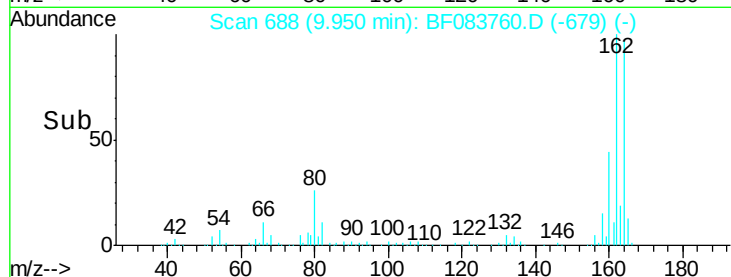
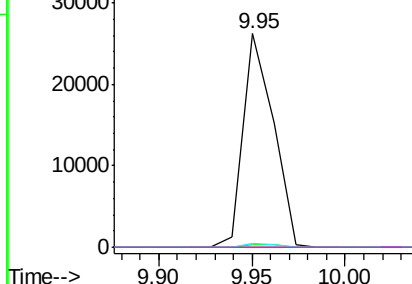


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

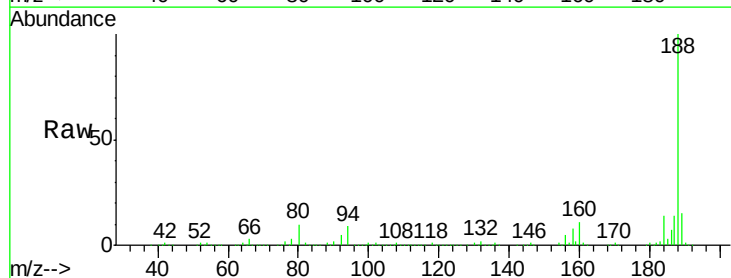
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): 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

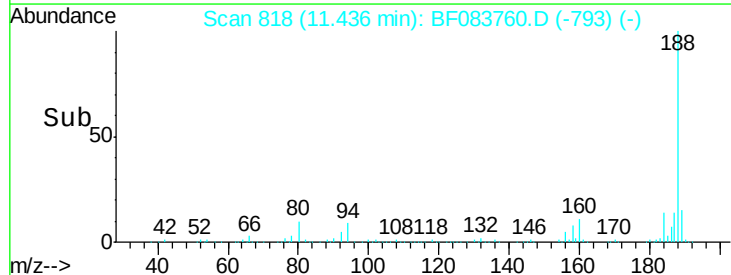
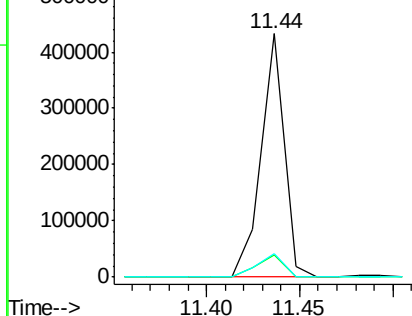
Tgt Ion:	188	Resp:	369583
Ion Ratio	Lower	Upper	
188	100		
94	9.1	9.4	14.2#
80	9.7	10.6	16.0#

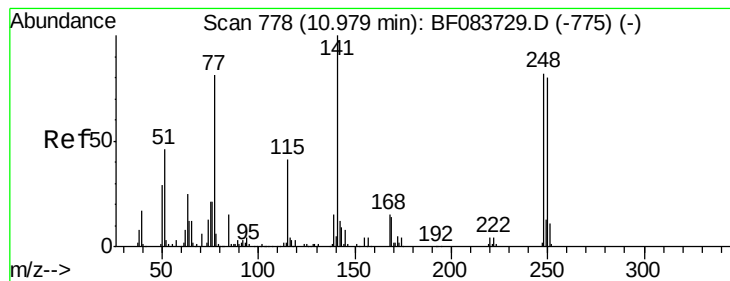


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.11 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.25 min

Lab File: BF083760.D

Acq: 14 Dec 2015 6:01

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)

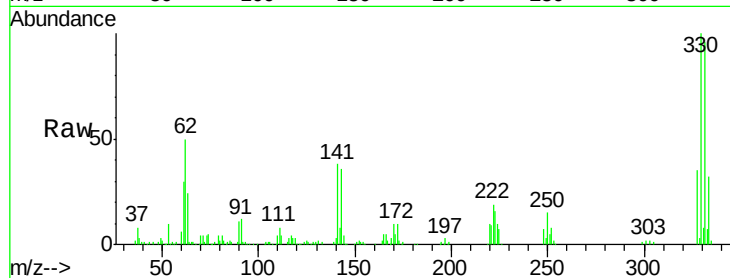
Tgt Ion:248 Resp: 12868

Ion Ratio Lower Upper

248 100

250 209.4 79.2 118.8#

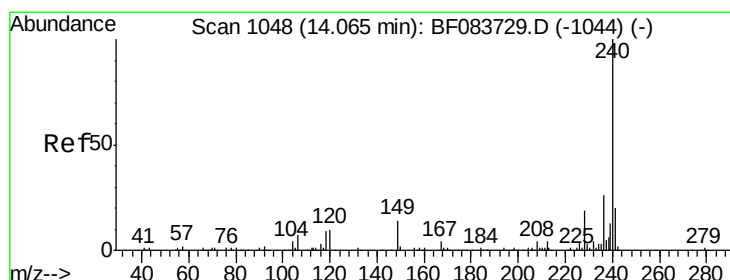
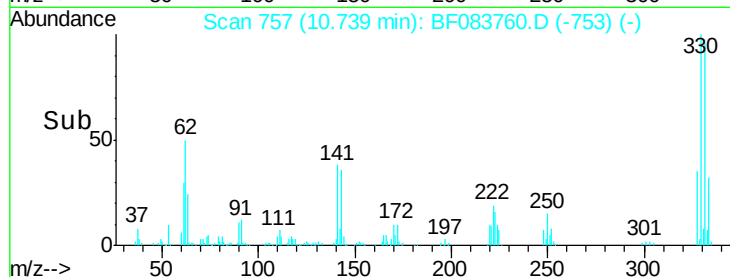
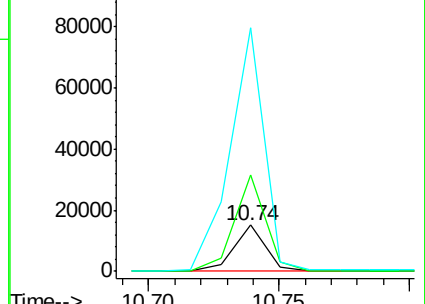
141 526.0 58.2 87.4#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#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

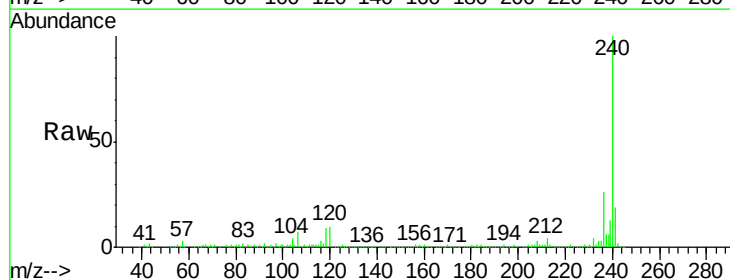
Tgt Ion:240 Resp: 259270

Ion Ratio Lower Upper

240 100

120 9.7 8.1 12.1

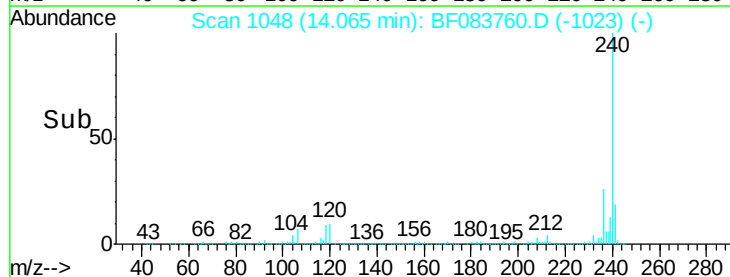
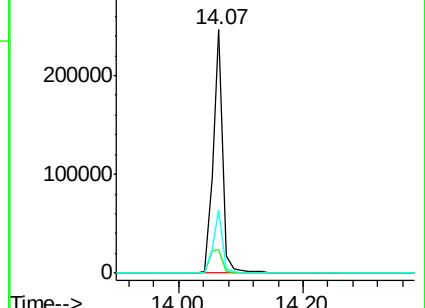
236 25.9 20.8 31.2

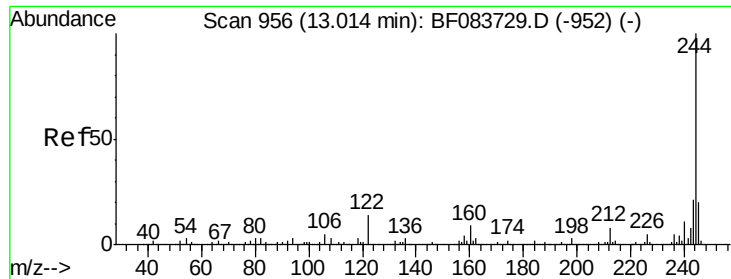


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

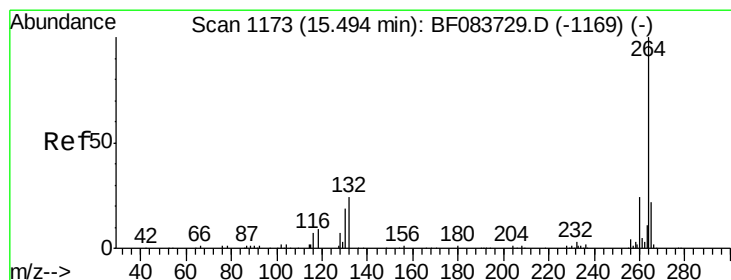
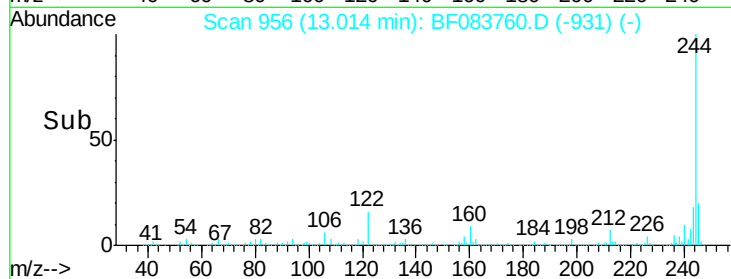
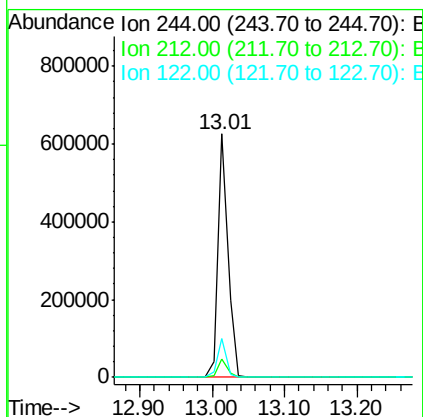
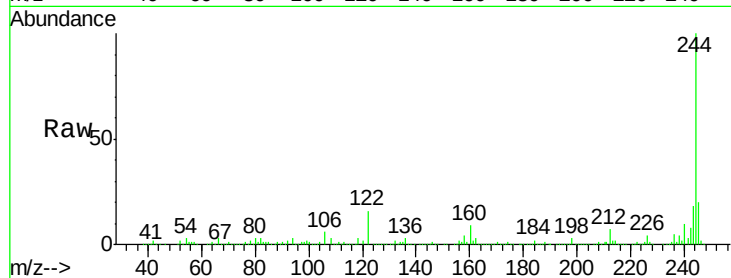




#78
 Terphenyl-d14
 Concen: 50.26 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF083760.D
 Acq: 14 Dec 2015 6:01

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

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



#86
 Perylene-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

Tgt Ion:264 Resp: 213778
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.0
 265 21.3 17.8 26.6

