

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 04:07:54 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

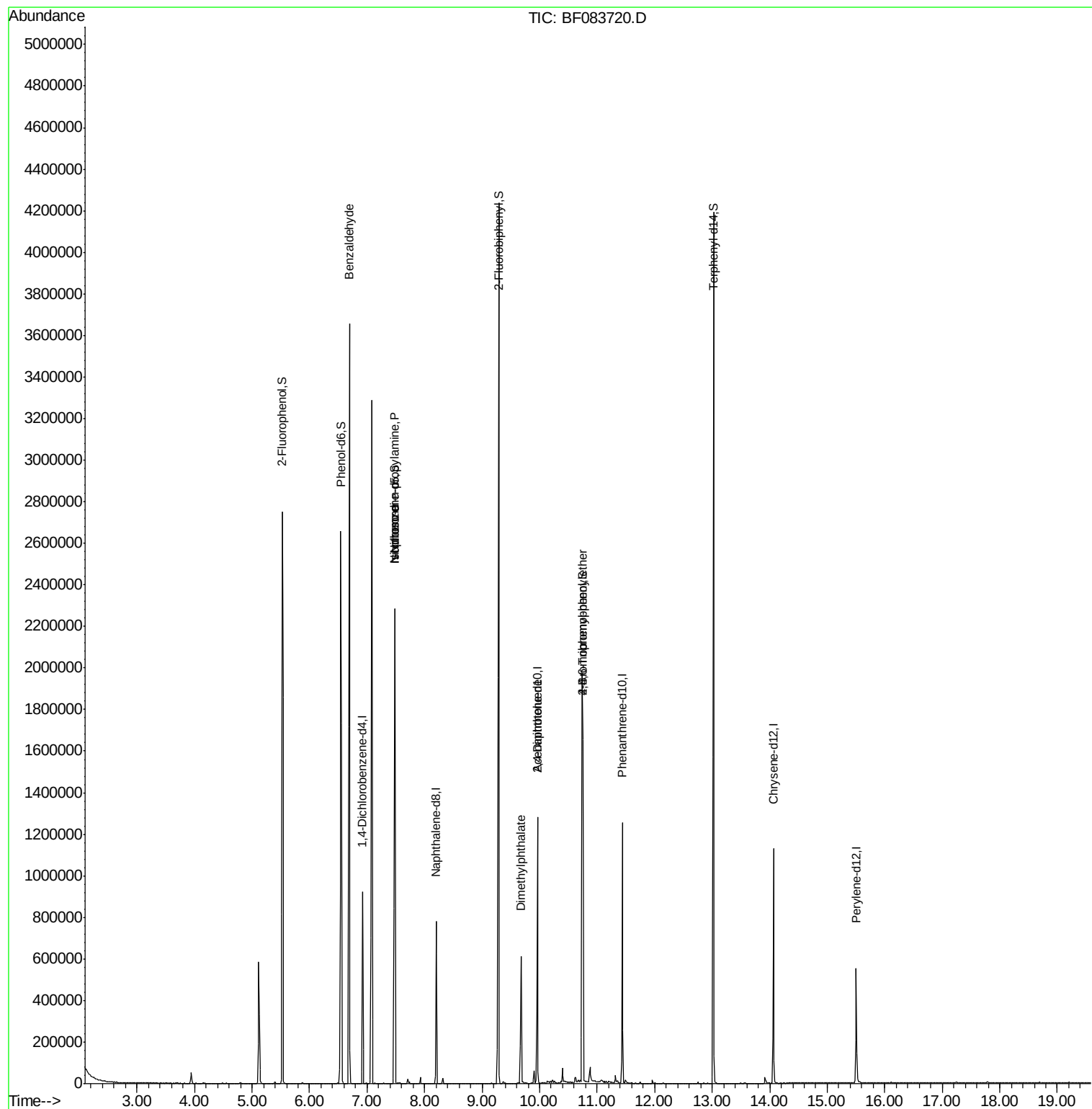
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	131819	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	496967	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	247444	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	435350	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	370616	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						
9) Benzaldehyde	6.69	77	25578	4.39	ng	Qvalue 94
19) n-Nitroso-di-n-propylamine	7.48	70	108061	17.54	ng	# 72
25) Isophorone	7.48	82	772963	47.19	ng	# 69
49) Dimethylphthalate	9.68	163	263679	13.85	ng	97
56) 2,4-Dinitrotoluene	9.96	165	31764	6.76	ng	# 12
66) 4-Bromophenyl-phenylether	10.75	248	23795	5.11	ng	# 1

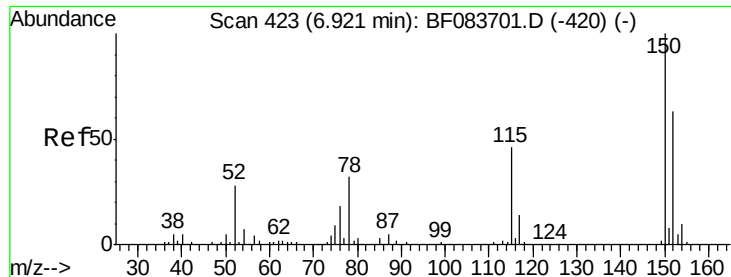
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 04:07:54 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





#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)

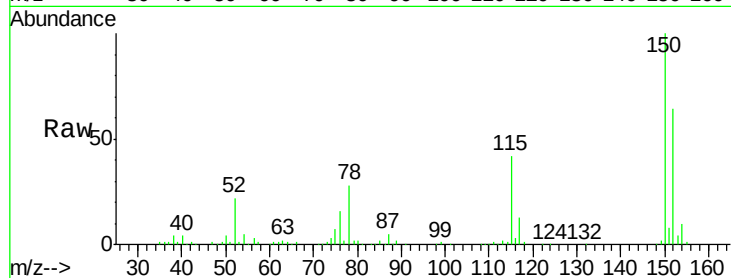
Tgt Ion:152 Resp: 131819

Ion Ratio Lower Upper

152 100

150 156.0 126.5 189.7

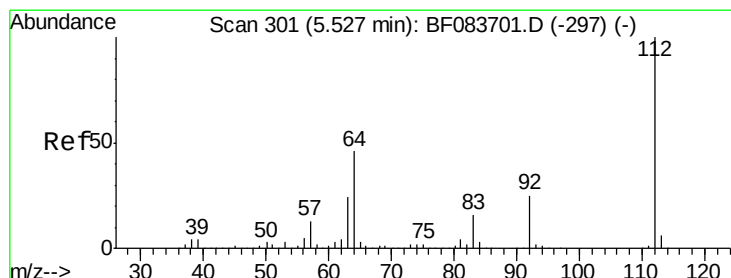
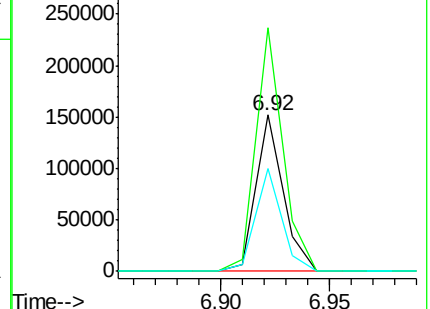
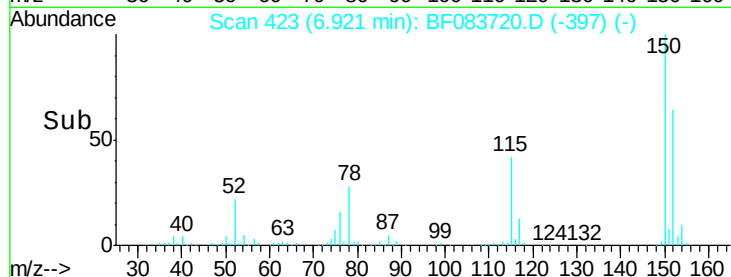
115 65.5 52.3 78.5



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

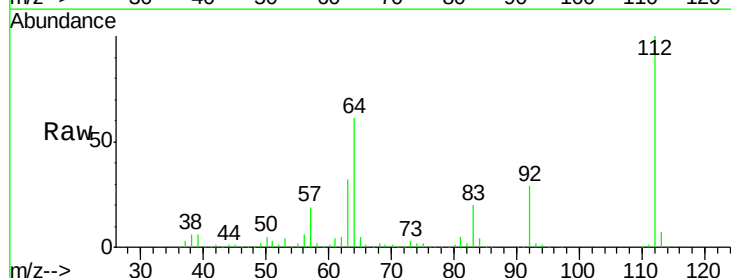
Tgt Ion:112 Resp: 1140822

Ion Ratio Lower Upper

112 100

64 61.4 50.5 75.7

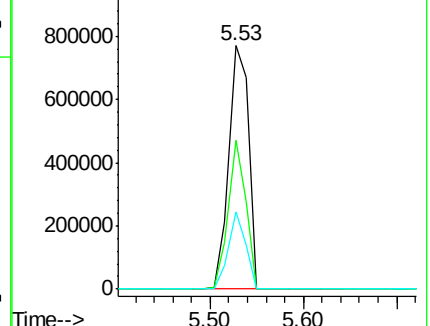
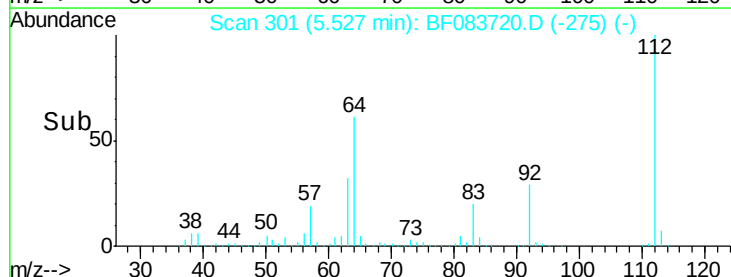
63 31.6 25.8 38.6

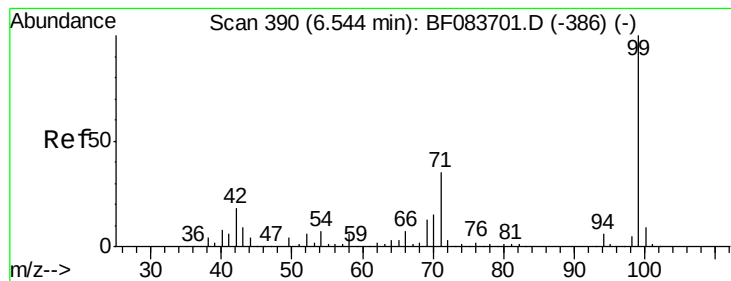


Abundance Ion 112.00 (111.70 to 112.70): E

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 :

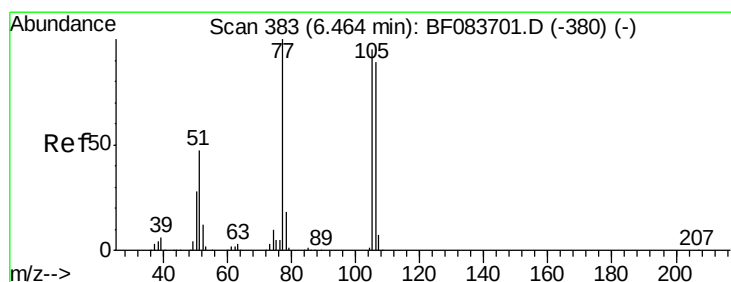
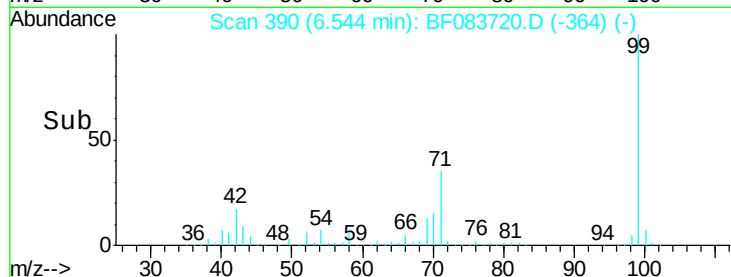
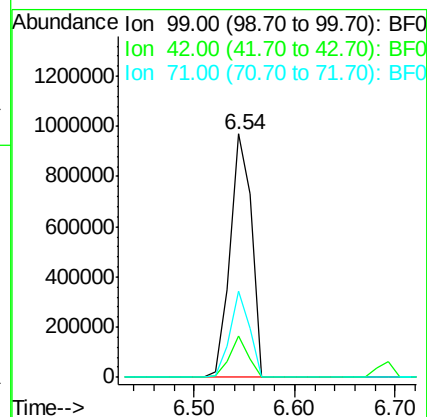
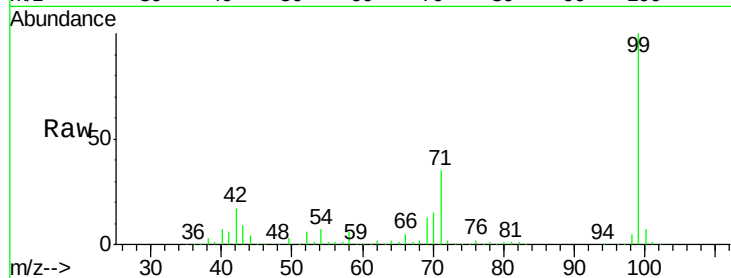
BNA_F

ClientSampleId :

SB-02(17-20)

Tgt Ion: 99 Resp: 1424839

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



#9

Benzaldehyde

Concen: 4.39 ng

RT: 6.69 min Scan# 403

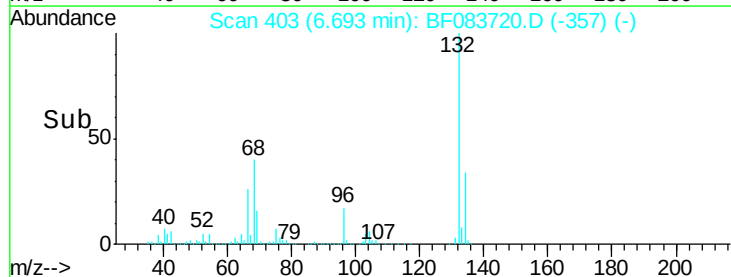
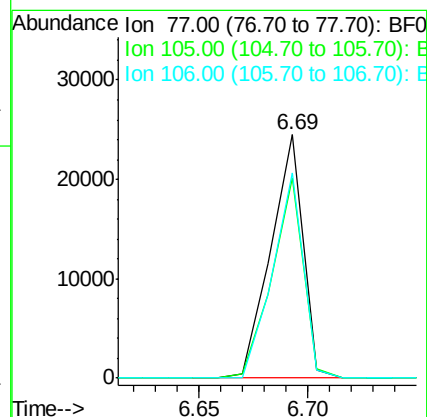
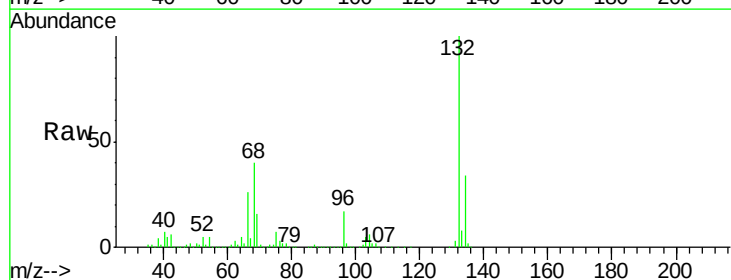
Delta R.T. 0.23 min

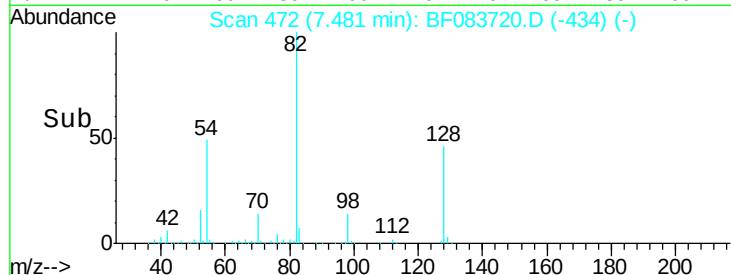
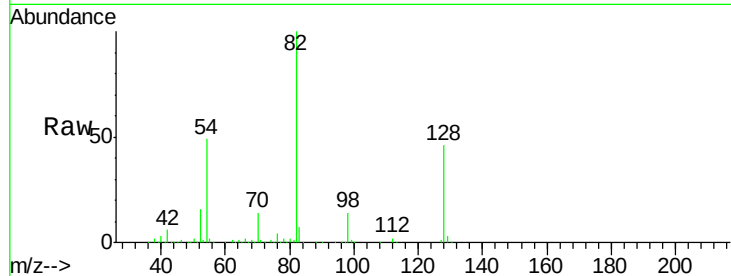
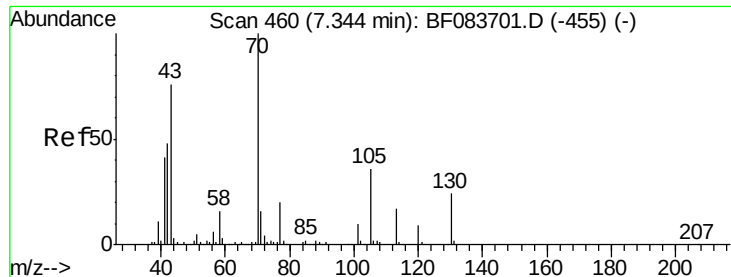
Lab File: BF083720.D

Acq: 12 Dec 2015 3:02

Tgt Ion: 77 Resp: 25578

Ion	Ratio	Lower	Upper
77	100		
105	82.2	71.8	111.8
106	84.5	66.8	106.8

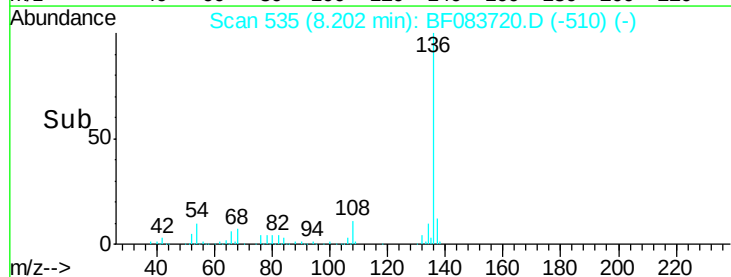
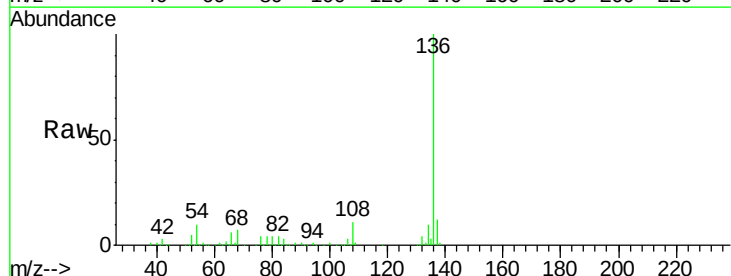
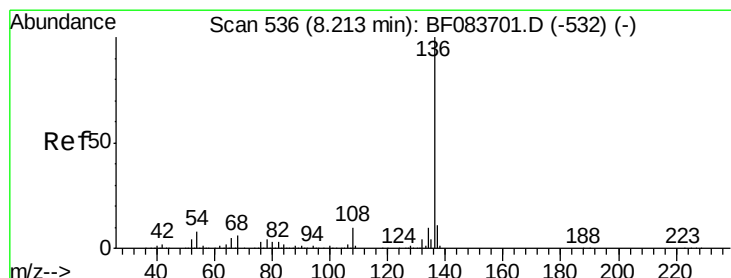
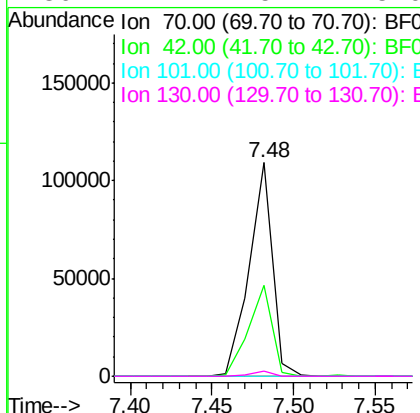




#19
n-Nitroso-di-n-propylamine
Concen: 17.54 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.14 min
Lab File: BF083720.D
Acq: 12 Dec 2015 3:02

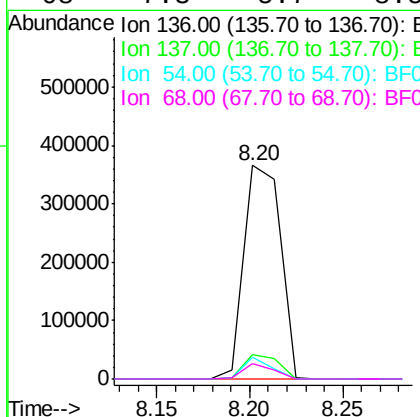
Instrument :
BNA_F
ClientSampleId :
SB-02(17-20)

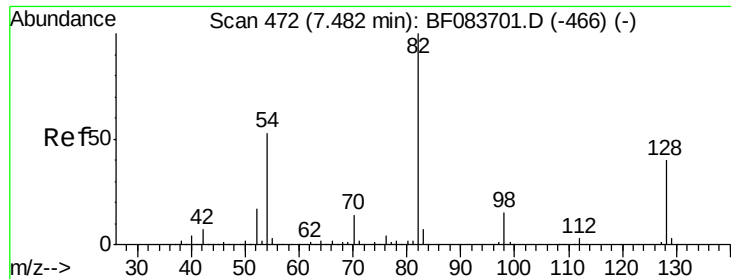
Tgt Ion: 70 Resp: 108061
Ion Ratio Lower Upper
70 100
42 42.4 49.2 73.8#
101 0.0 7.1 10.7#
130 2.2 15.4 23.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: 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

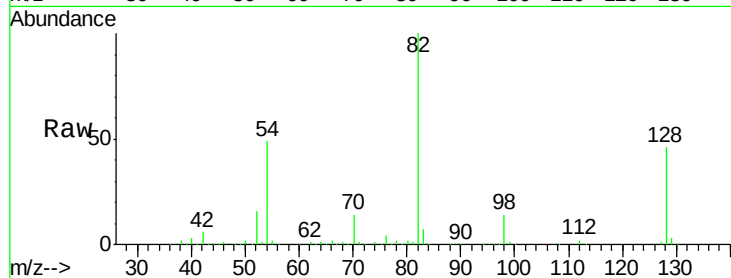




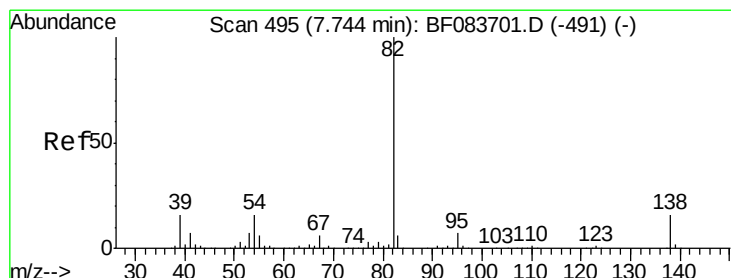
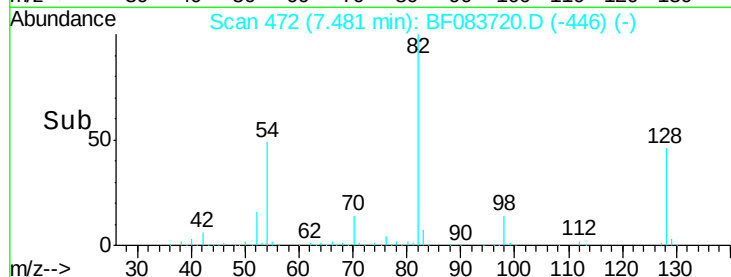
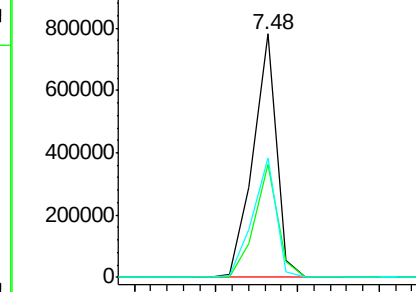
#23
 Nitrobenzene-d5
 Concen: 106.32 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.00 min
 Lab File: BF083720.D
 Acq: 12 Dec 2015 3:02

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.4	30.7	46.1#
54	49.0	42.5	63.7

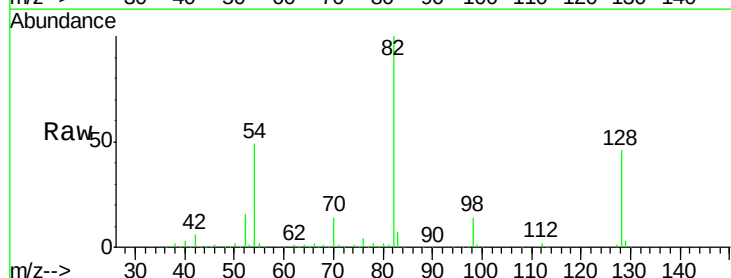


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

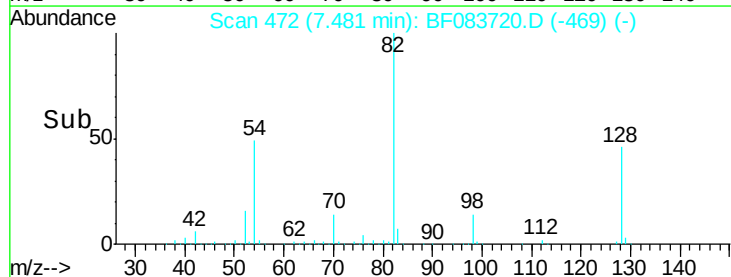
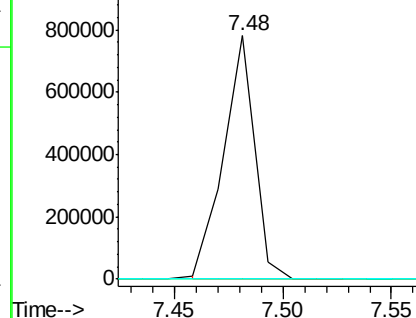


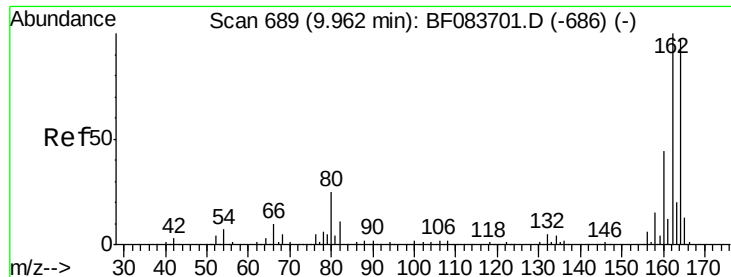
#25
 Isophorone
 Concen: 47.19 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.26 min
 Lab File: BF083720.D
 Acq: 12 Dec 2015 3:02

Tgt 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: 9.96 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF083720.D

Acq: 12 Dec 2015 3:02

Instrument :

BNA_F

ClientSampleId :

SB-02(17-20)

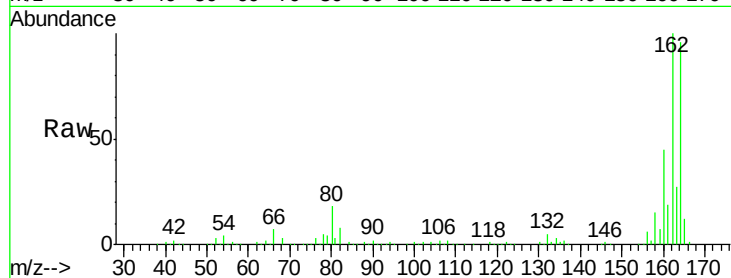
Tgt Ion:164 Resp: 247444

Ion Ratio Lower Upper

164 100

162 104.3 78.8 118.2

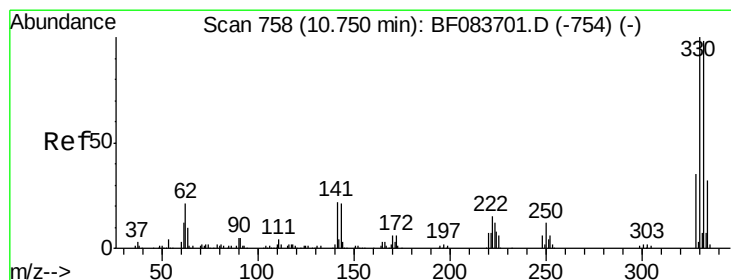
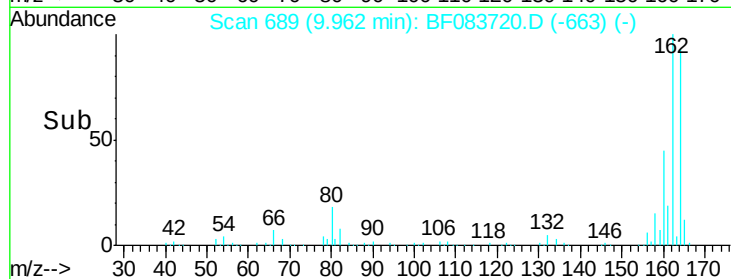
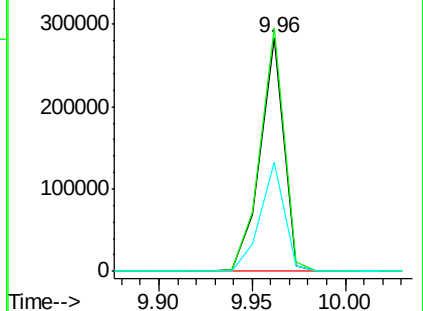
160 46.6 33.4 50.2



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

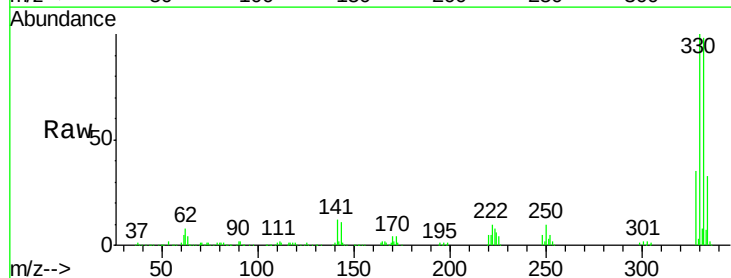
Tgt Ion:330 Resp: 388709

Ion Ratio Lower Upper

330 100

332 97.0 0.0 0.0#

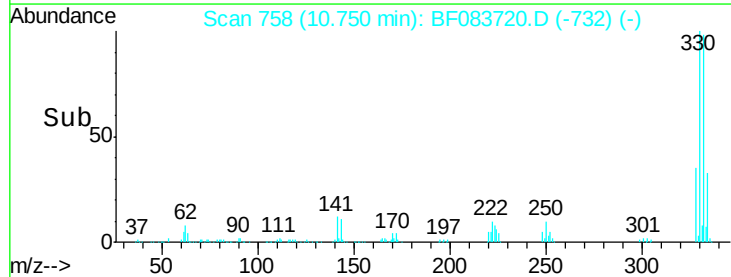
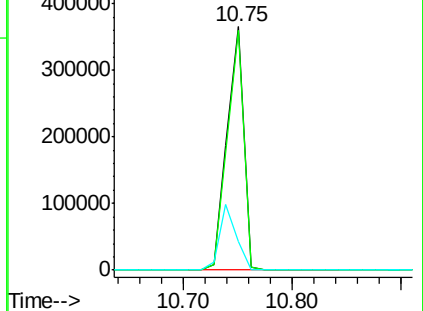
141 27.3 0.0 0.0#

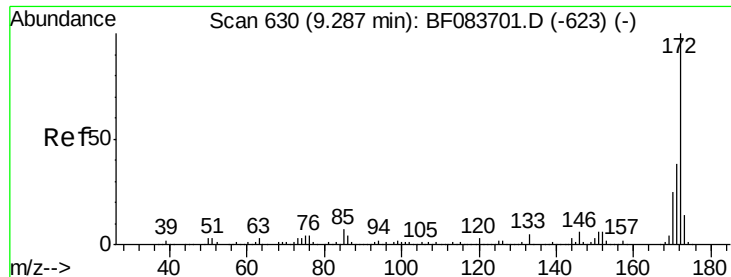


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

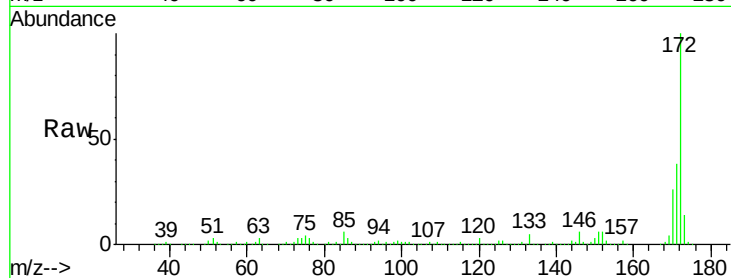




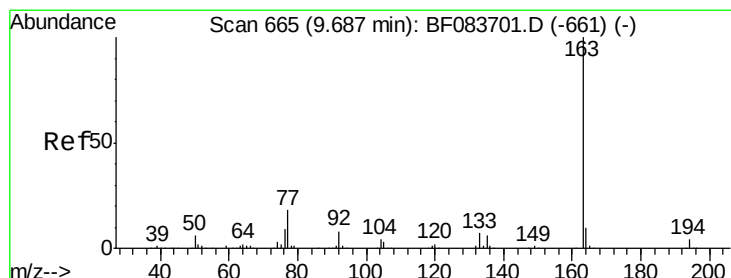
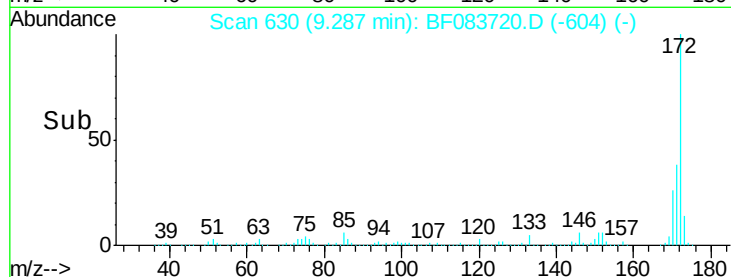
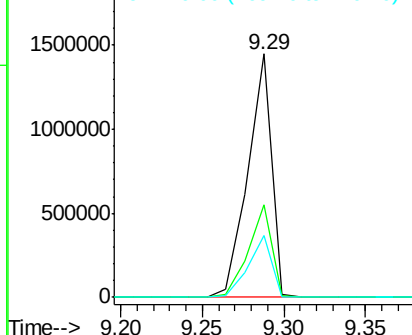
#44
2-Fluorobiphenyl
Concen: 87.01 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF083720.D
Acq: 12 Dec 2015 3:02

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

Tgt Ion:172 Resp: 1461717
Ion Ratio Lower Upper
172 100
171 38.0 28.6 42.8
170 25.5 19.4 29.0

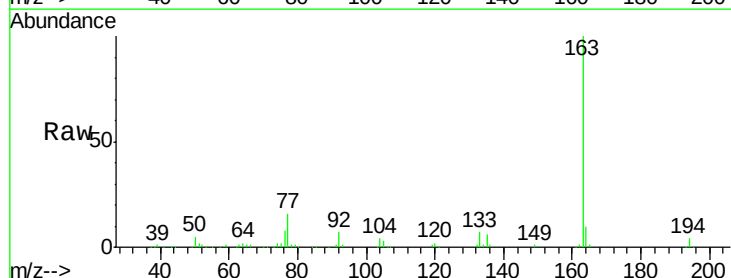


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

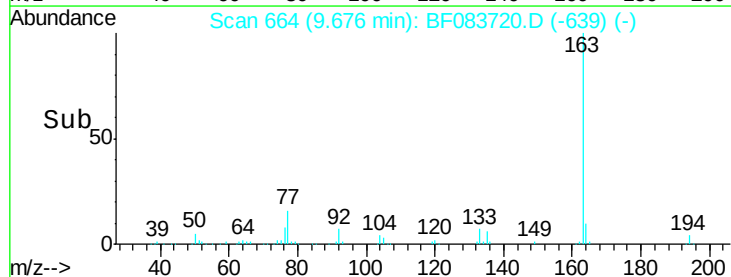
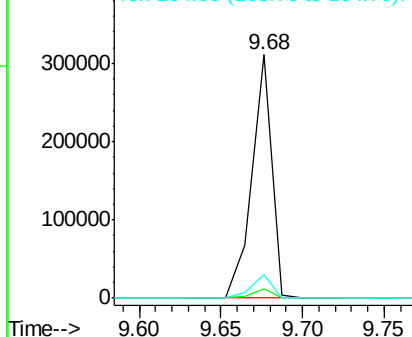


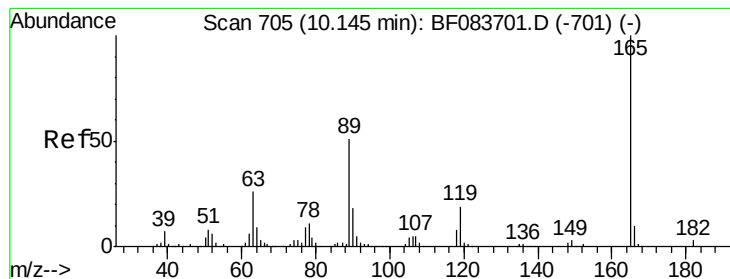
#49
Dimethylphthalate
Concen: 13.85 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF083720.D
Acq: 12 Dec 2015 3:02

Tgt 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





#56

2,4-Dinitrotoluene

Concen: 6.76 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.18 min

Lab File: BF083720.D

Acq: 12 Dec 2015 3:02

Instrument :

BNA_F

ClientSampleId :

SB-02(17-20)

Tgt Ion:165 Resp: 31764

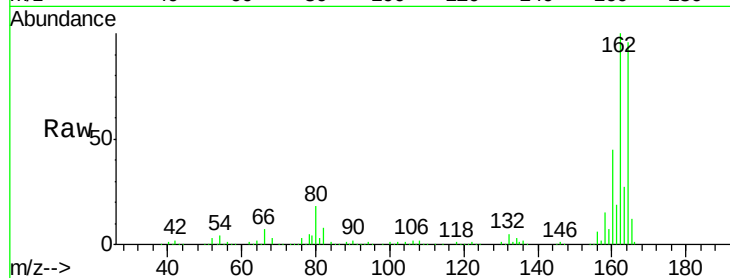
Ion Ratio Lower Upper

165 100

63 1.5 51.4 77.2#

89 1.3 72.6 108.8#

182 0.0 1.4 2.0#

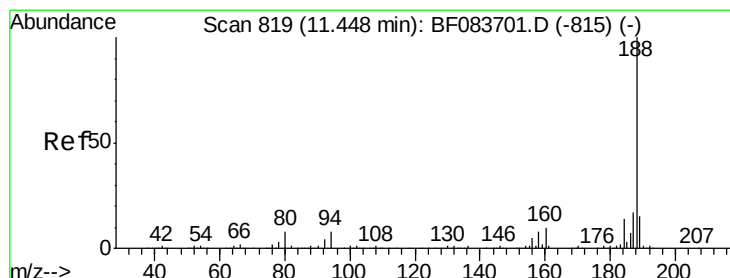
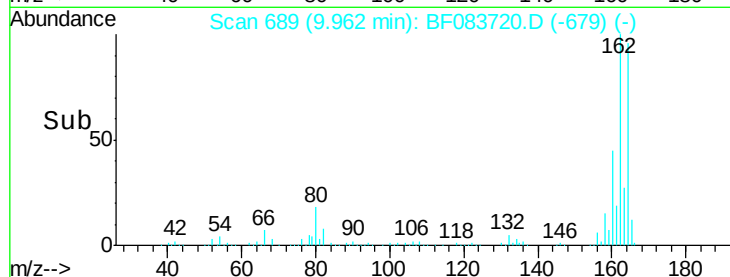
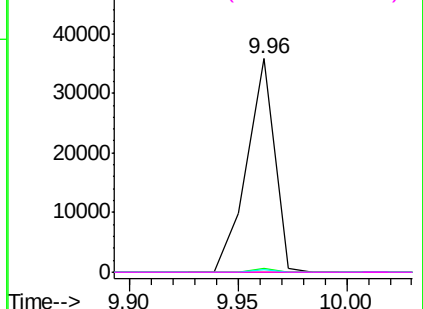


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF083720.D

Acq: 12 Dec 2015 3:02

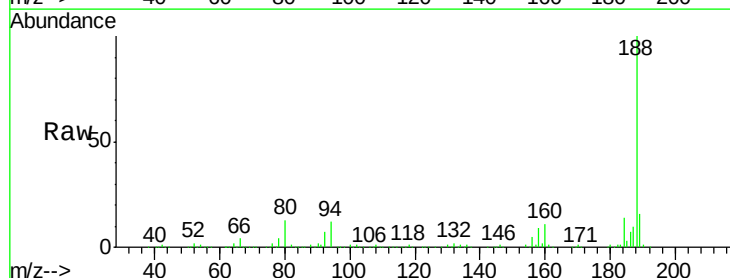
Tgt Ion:188 Resp: 435350

Ion Ratio Lower Upper

188 100

94 11.5 9.4 14.2

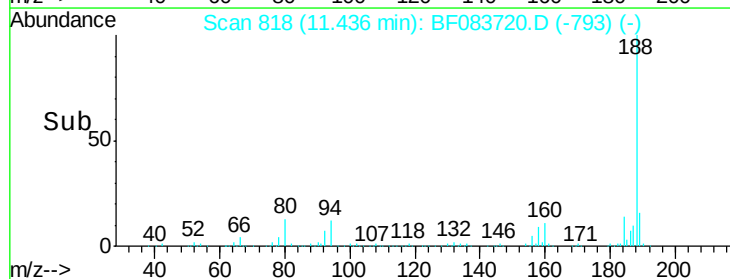
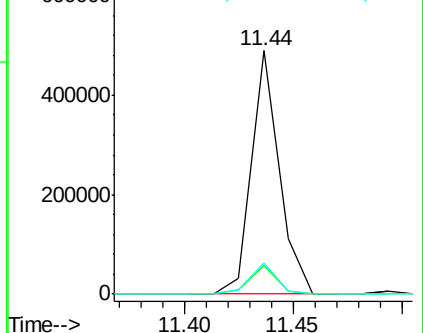
80 12.7 10.6 16.0

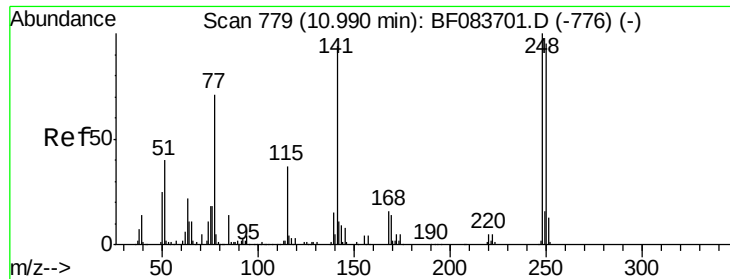


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

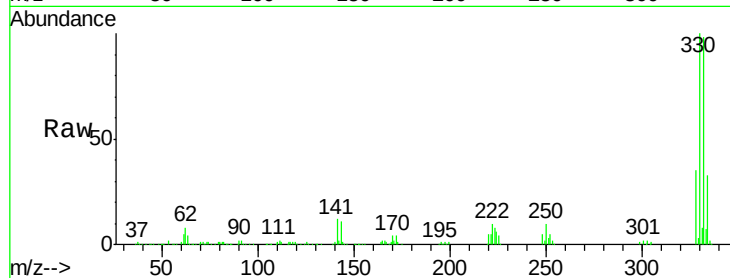




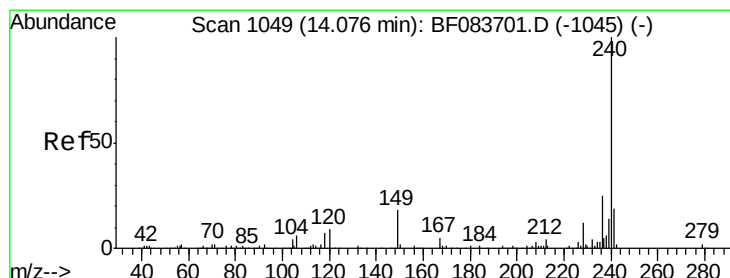
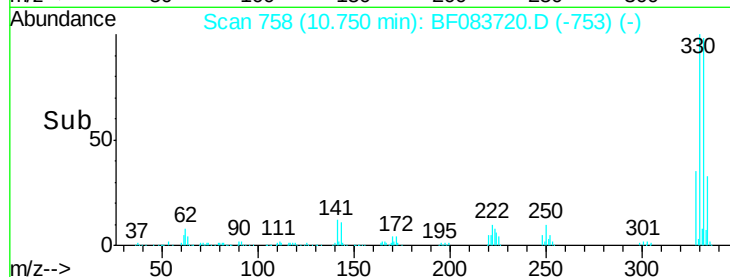
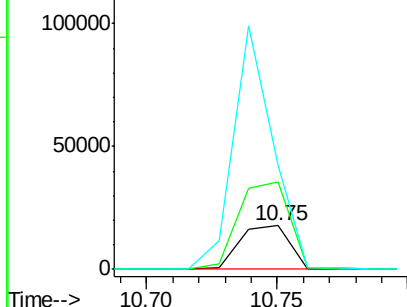
#66
4-Bromophenyl-phenylether
Concen: 5.11 ng
RT: 10.75 min Scan# 758
Delta R.T. -0.24 min
Lab File: BF083720.D
Acq: 12 Dec 2015 3:02

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

Tgt Ion:248 Resp: 23795
Ion Ratio Lower Upper
248 100
250 201.3 79.2 118.8#
141 239.9 58.2 87.4#

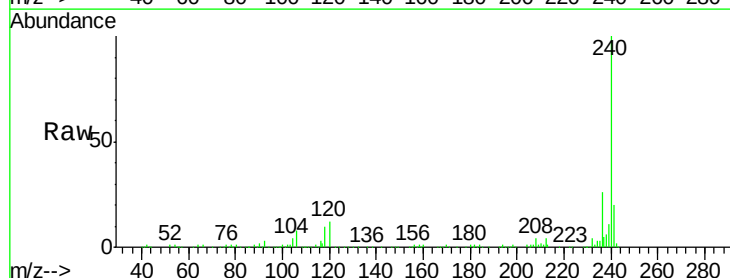


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

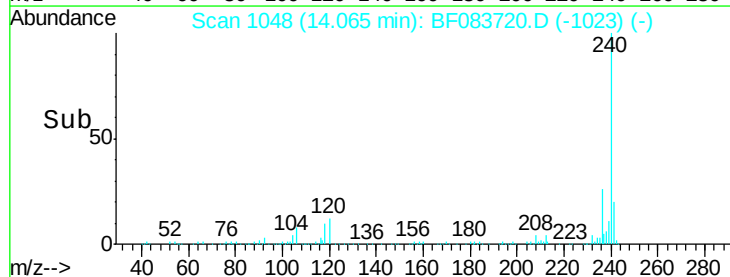
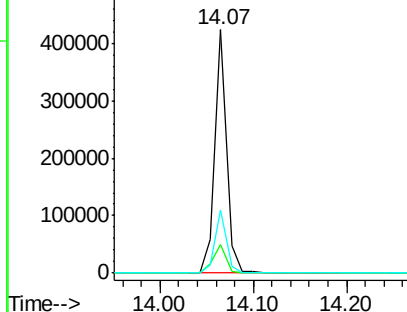


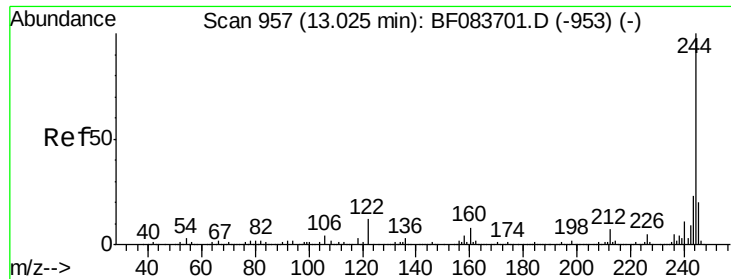
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF083720.D
Acq: 12 Dec 2015 3:02

Tgt 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

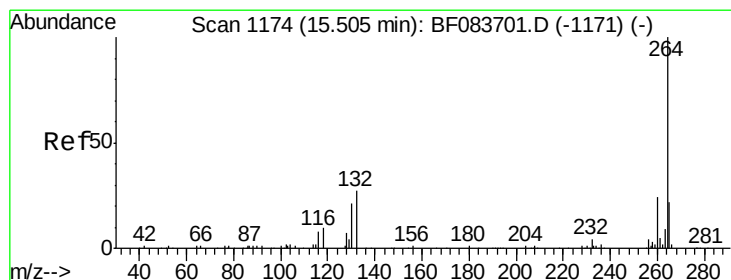
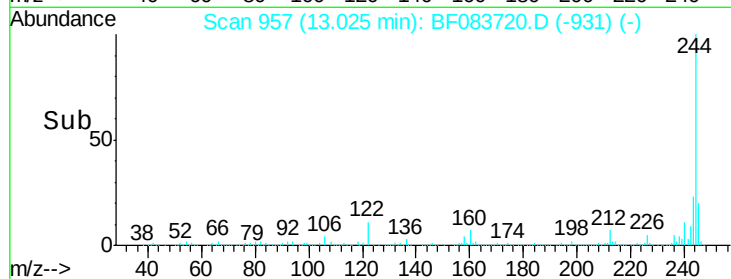
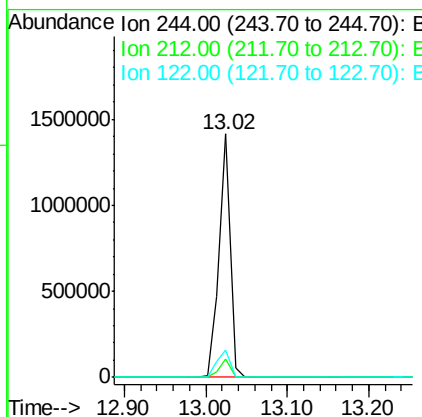
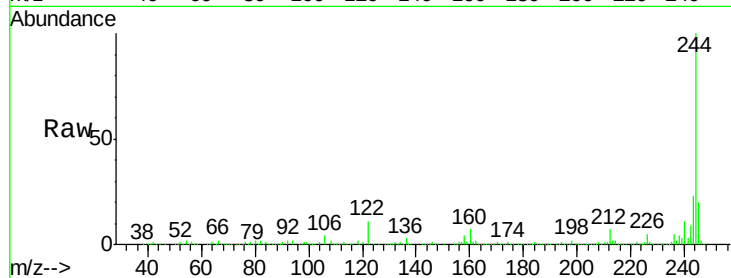




#78
 Terphenyl-d14
 Concen: 81.22 ng
 RT: 13.02 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BF083720.D
 Acq: 12 Dec 2015 3:02

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

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#



#86
 Perylene-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

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

