

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121315\
 Data File : BF083759.D
 Acq On : 14 Dec 2015 5:33
 Operator : UM/IZ
 Sample : G4648-01
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02(0-0.16)

Quant Time: Dec 14 06:30:51 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

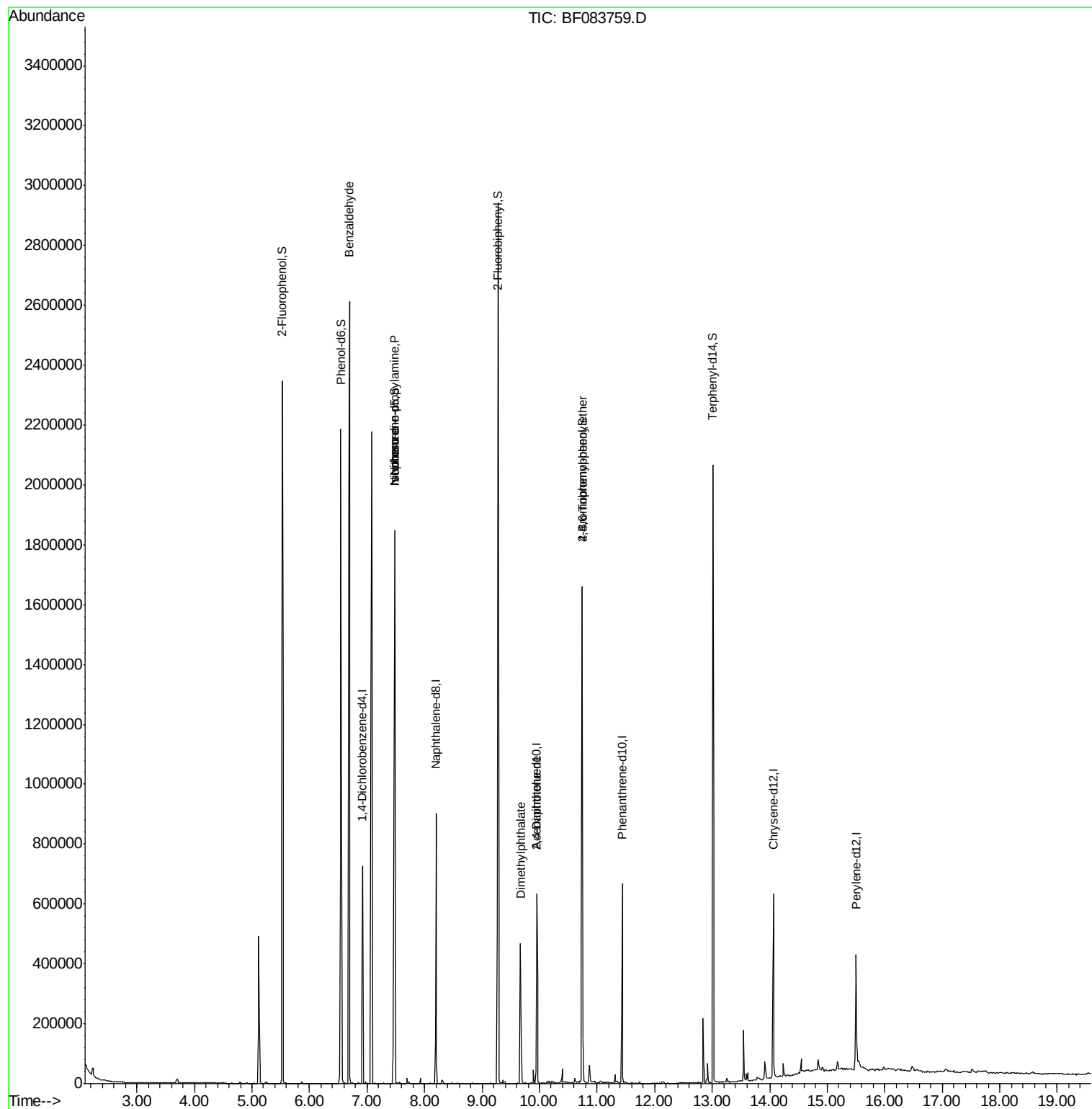
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	111840	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	383842	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	150388	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	257909	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	258399	20.00	ng	-0.01
86) Perylene-d12	15.51	264	215590	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	919842	132.68	ng	0.00
7) Phenol-d6	6.54	99	1074459	122.39	ng	0.00
23) Nitrobenzene-d5	7.48	82	713924	104.06	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	191484	124.95	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	942683	95.47	ng	-0.01
78) Terphenyl-d14	13.01	244	711551	59.23	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.69	77	21207	4.50	ng	98
19) n-Nitroso-di-n-propylamine	7.48	70	97138	18.07	ng	# 68
25) Isophorone	7.48	82	692021	51.41	ng	# 69
49) Dimethylphthalate	9.66	163	209318	17.85	ng	99
56) 2,4-Dinitrotoluene	9.95	165	19301	5.94	ng	# 11
66) 4-Bromophenyl-phenylether	10.74	248	14064	4.88	ng	# 1

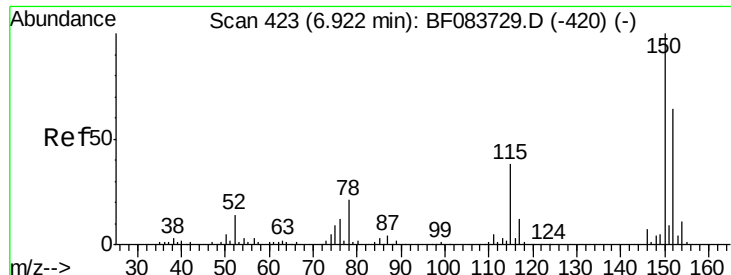
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083759.D

Acq: 14 Dec 2015 5:33

Instrument :

BNA_F

ClientSampleId :

SB-02(0-0.16)

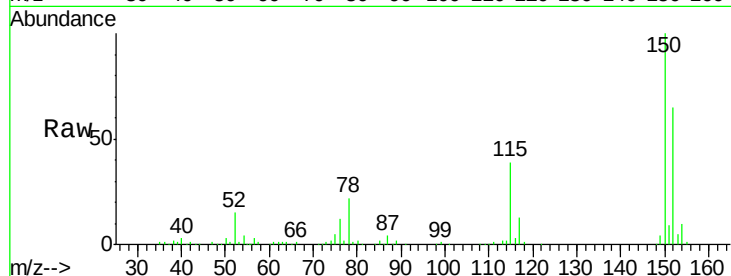
Tgt Ion:152 Resp: 111840

Ion Ratio Lower Upper

152 100

150 154.5 126.5 189.7

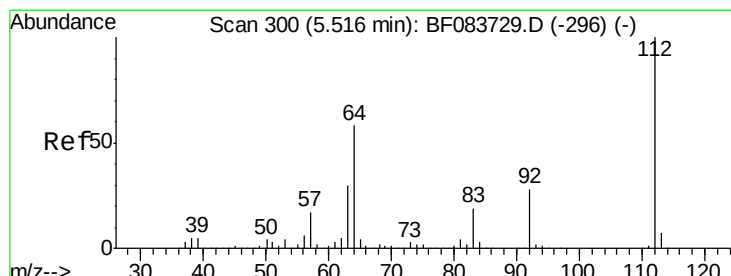
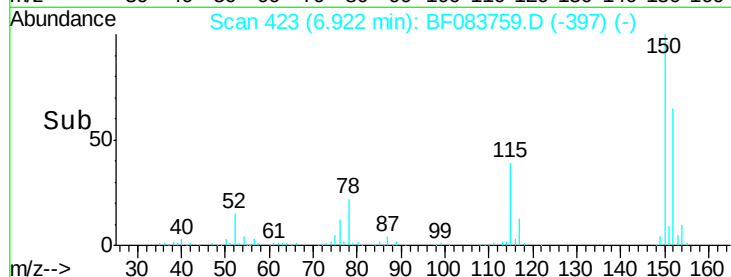
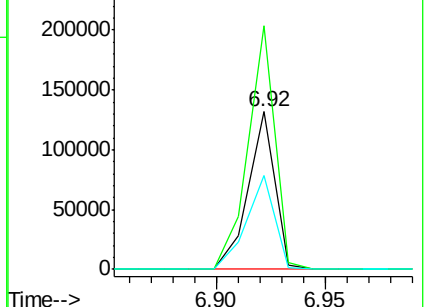
115 59.8 52.3 78.5



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: 132.68 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF083759.D

Acq: 14 Dec 2015 5:33

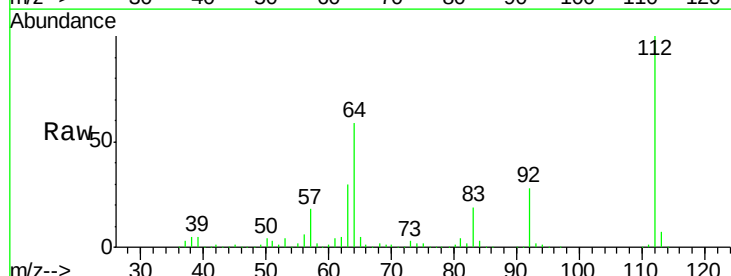
Tgt Ion:112 Resp: 919842

Ion Ratio Lower Upper

112 100

64 58.9 50.5 75.7

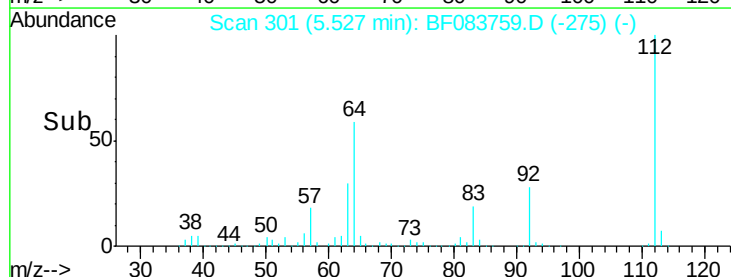
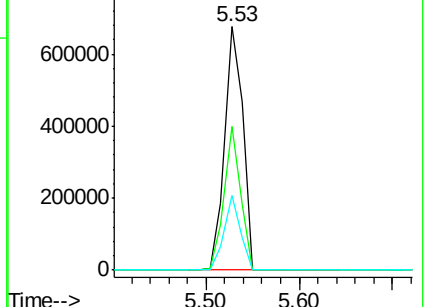
63 30.5 25.8 38.6

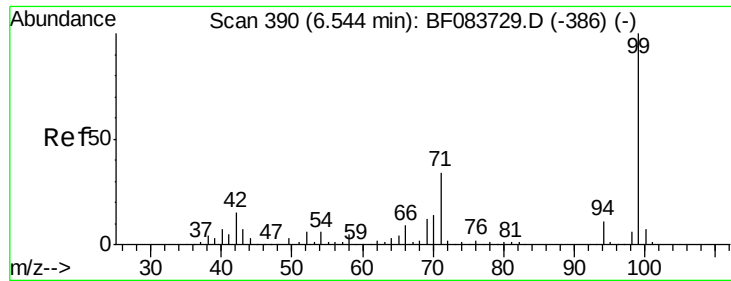


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.39 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083759.D

Acq: 14 Dec 2015 5:33

Instrument :

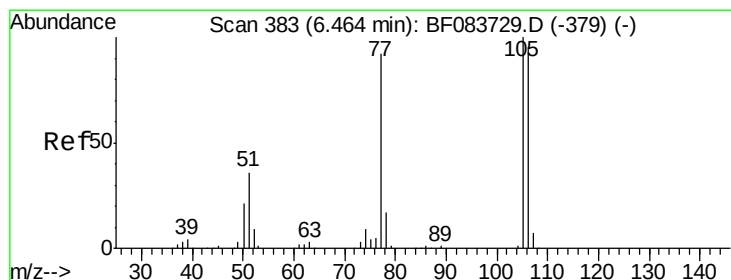
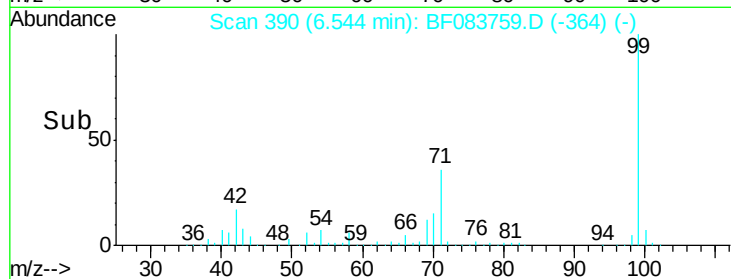
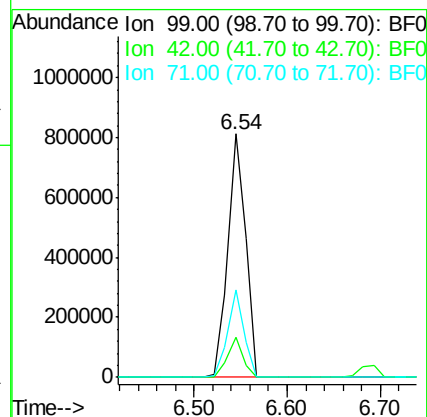
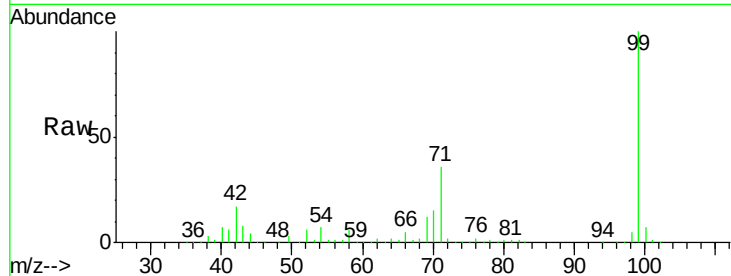
BNA_F

ClientSampleId :

SB-02(0-0.16)

Tgt Ion: 99 Resp: 1074459

Ion	Ratio	Lower	Upper
99	100		
42	16.5	17.3	25.9#
71	35.8	26.6	40.0



#9

Benzaldehyde

Concen: 4.50 ng

RT: 6.69 min Scan# 403

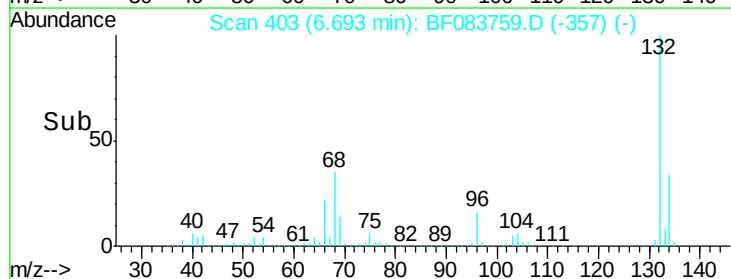
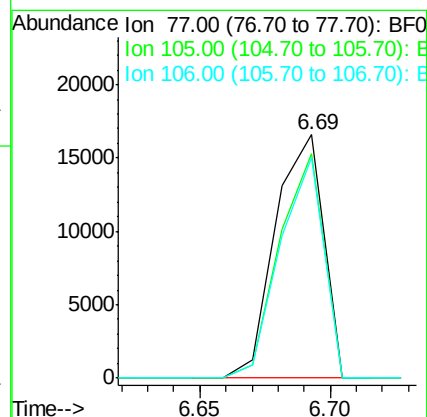
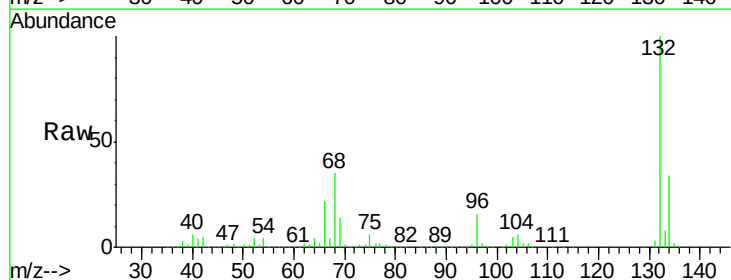
Delta R.T. 0.23 min

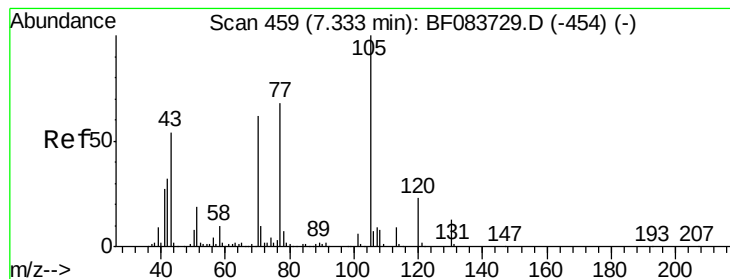
Lab File: BF083759.D

Acq: 14 Dec 2015 5:33

Tgt Ion: 77 Resp: 21207

Ion	Ratio	Lower	Upper
77	100		
105	92.3	71.8	111.8
106	90.5	66.8	106.8





#19

n-Nitroso-di-n-propylamine

Concen: 18.07 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.14 min

Lab File: BF083759.D

Acq: 14 Dec 2015 5:33

Instrument :

BNA_F

ClientSampleId :

SB-02(0-0.16)

Tgt Ion: 70 Resp: 97138

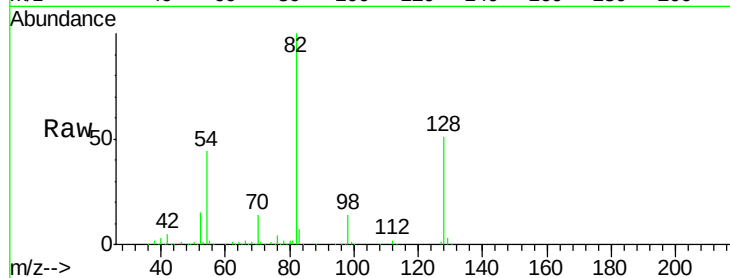
Ion Ratio Lower Upper

70 100

42 37.2 49.2 73.8#

101 0.0 7.1 10.7#

130 2.7 15.4 23.0#

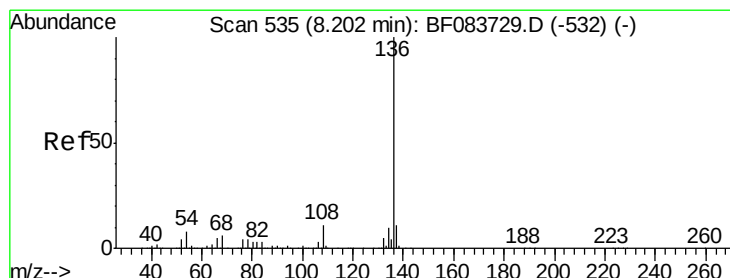
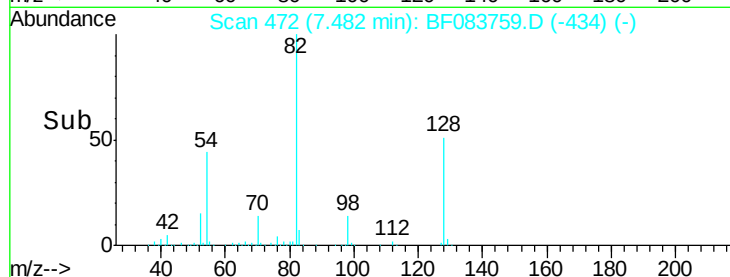
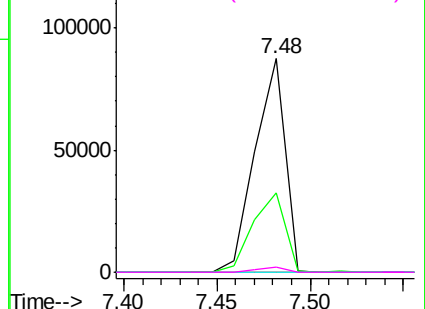


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF083759.D

Acq: 14 Dec 2015 5:33

Tgt Ion: 136 Resp: 383842

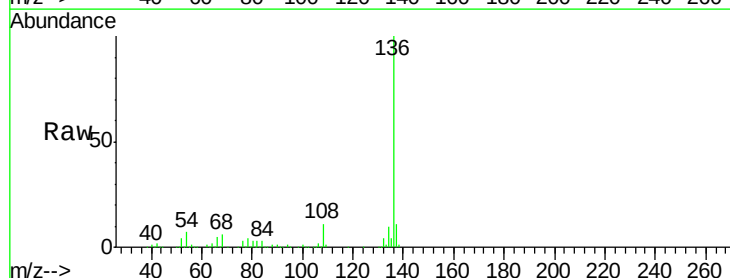
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.4 7.8 11.6#

68 5.8 5.7 8.5

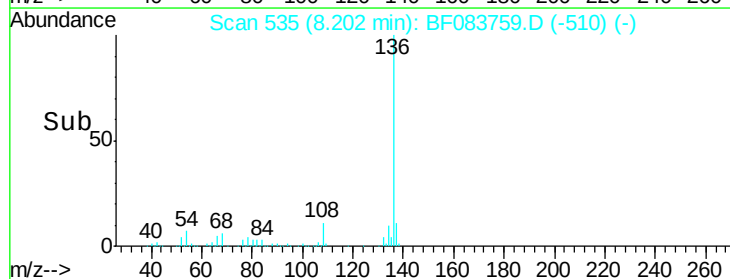
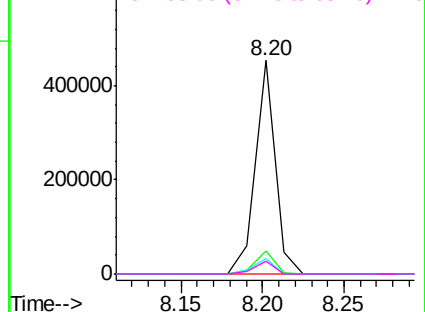


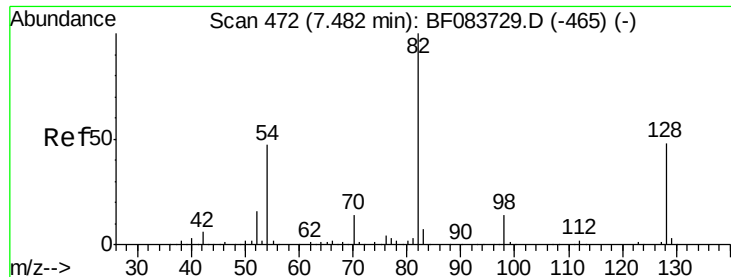
Abundance Ion 136.00 (135.70 to 136.70): E

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

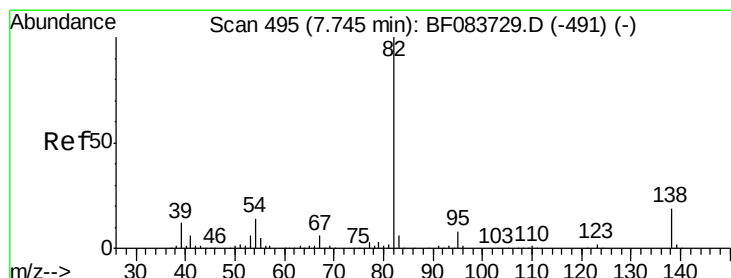
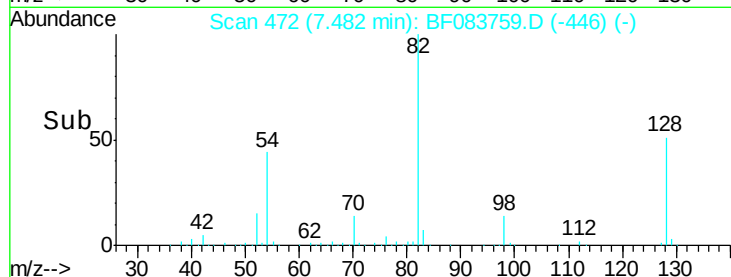
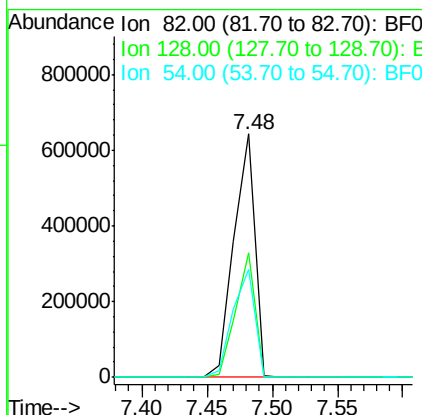
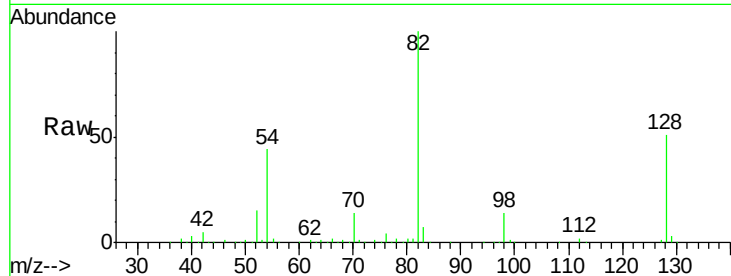




#23
 Nitrobenzene-d5
 Concen: 104.06 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF083759.D
 Acq: 14 Dec 2015 5:33

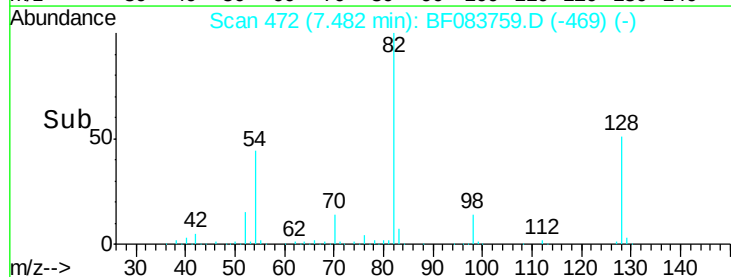
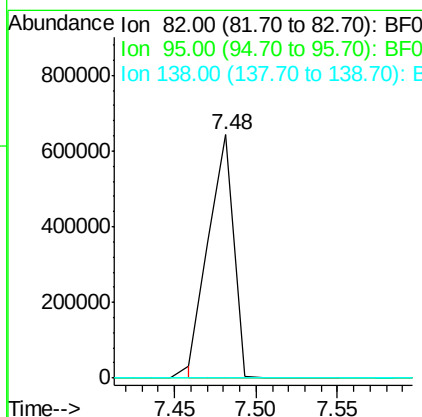
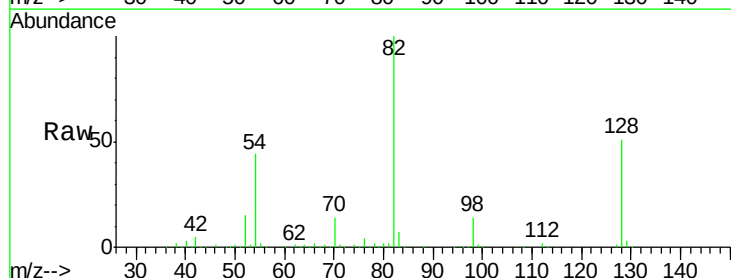
Instrument :
 BNA_F
 ClientSampleId :
 SB-02(0-0.16)

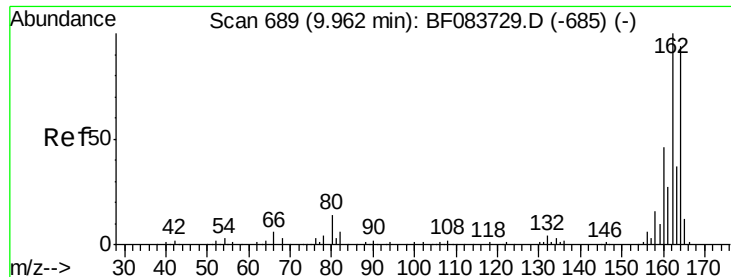
Tgt Ion: 82 Resp: 713924
 Ion Ratio Lower Upper
 82 100
 128 51.2 30.7 46.1#
 54 44.2 42.5 63.7



#25
 Isophorone
 Concen: 51.41 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.26 min
 Lab File: BF083759.D
 Acq: 14 Dec 2015 5:33

Tgt Ion: 82 Resp: 692021
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.0 7.4#
 138 0.0 12.1 18.1#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF083759.D

Acq: 14 Dec 2015 5:33

Instrument :

BNA_F

ClientSampleId :

SB-02(0-0.16)

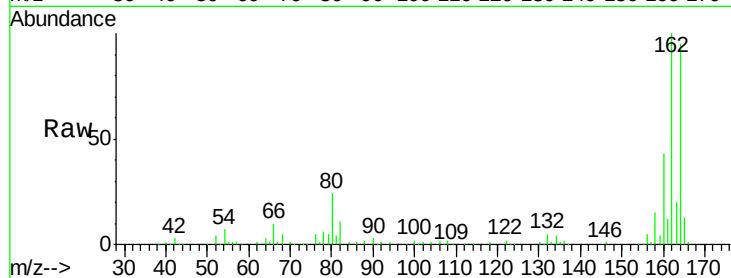
Tgt Ion:164 Resp: 150388

Ion Ratio Lower Upper

164 100

162 104.9 78.8 118.2

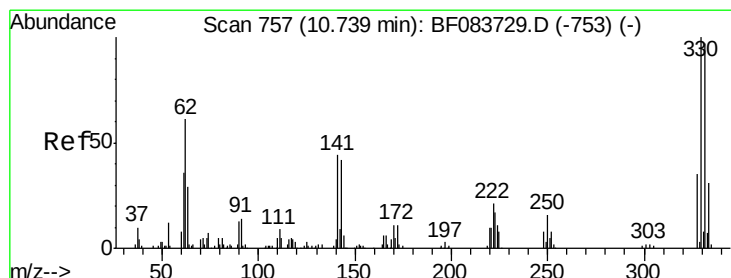
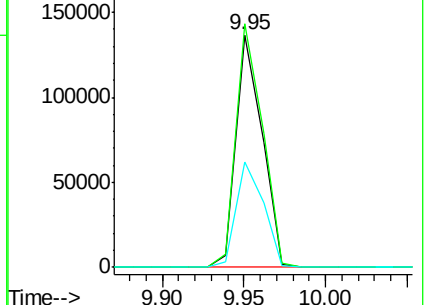
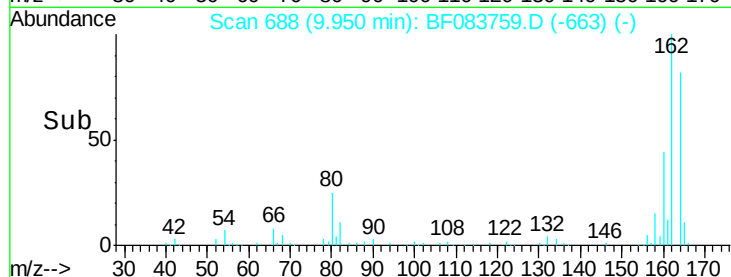
160 45.6 33.4 50.2



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: 124.95 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF083759.D

Acq: 14 Dec 2015 5:33

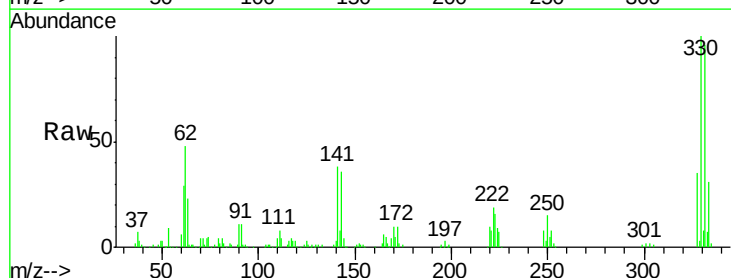
Tgt Ion:330 Resp: 191484

Ion Ratio Lower Upper

330 100

332 95.4 0.0 0.0#

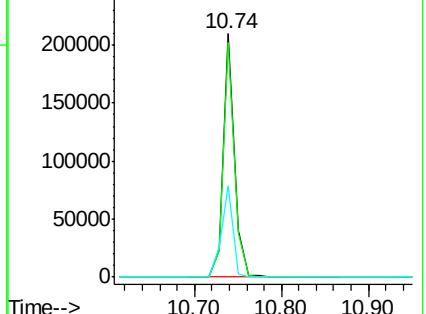
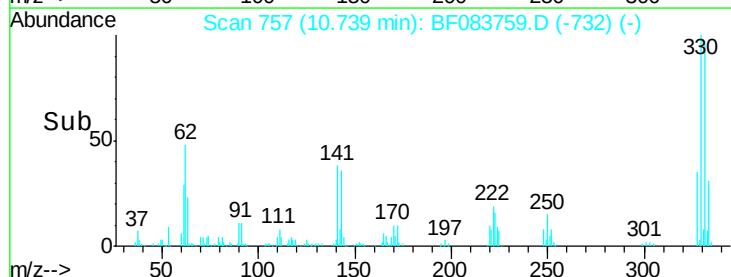
141 38.9 0.0 0.0#

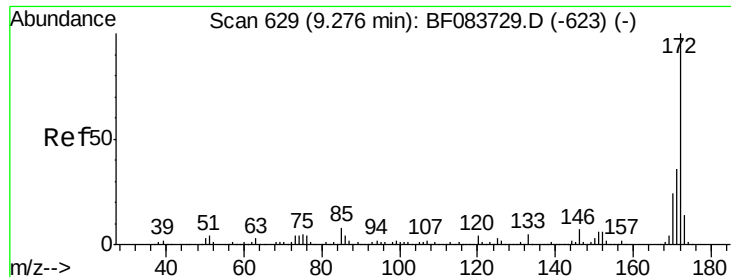


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

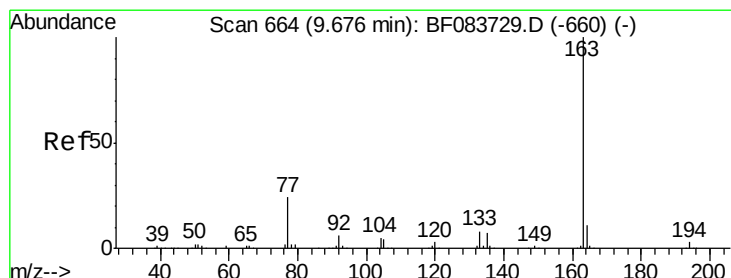
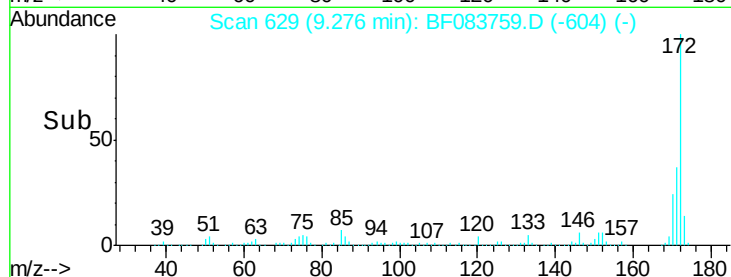
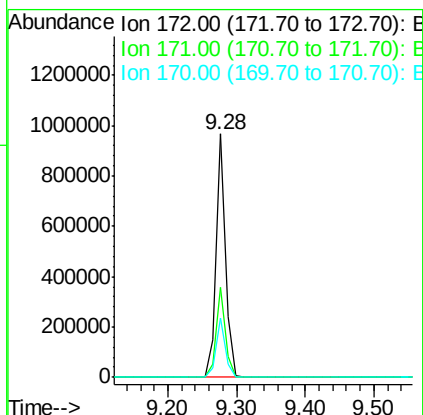
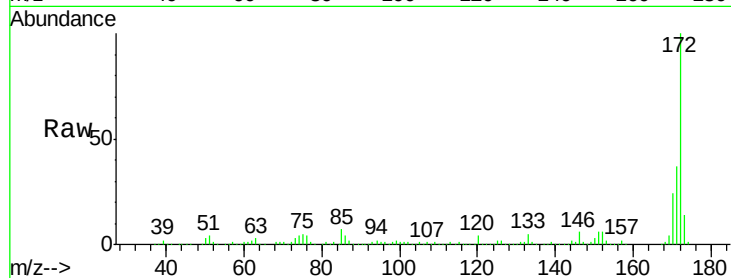




#44
 2-Fluorobiphenyl
 Concen: 95.47 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF083759.D
 Acq: 14 Dec 2015 5:33

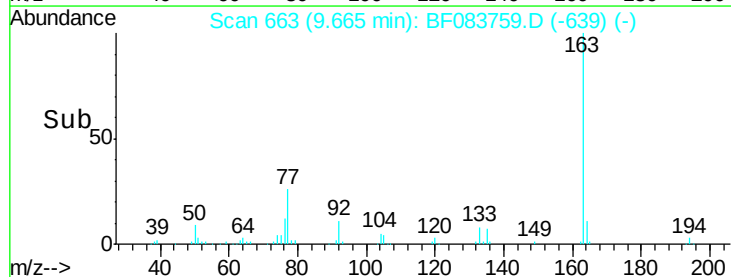
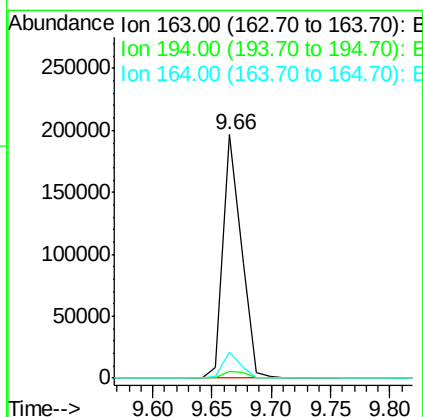
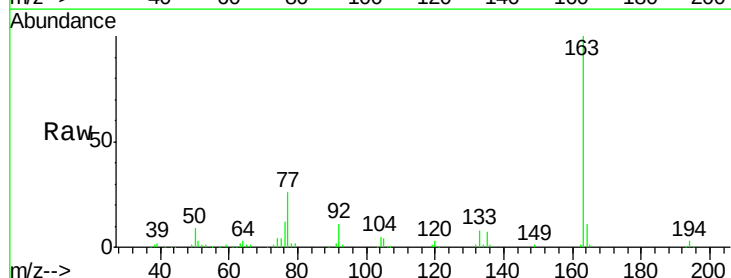
Instrument :
 BNA_F
 ClientSampleId :
 SB-02(0-0.16)

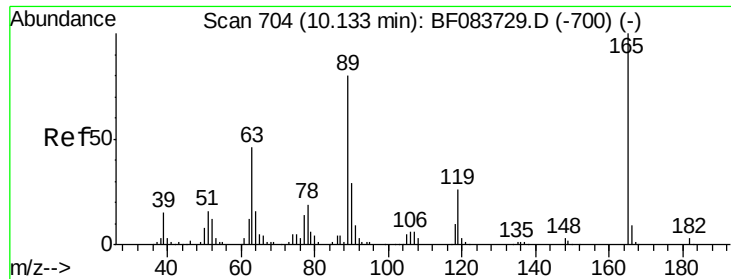
Tgt Ion:172 Resp: 942683
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.6 42.8
 170 24.3 19.4 29.0



#49
 Dimethylphthalate
 Concen: 17.85 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.02 min
 Lab File: BF083759.D
 Acq: 14 Dec 2015 5:33

Tgt Ion:163 Resp: 209318
 Ion Ratio Lower Upper
 163 100
 194 2.9 2.8 4.2
 164 10.6 8.6 13.0

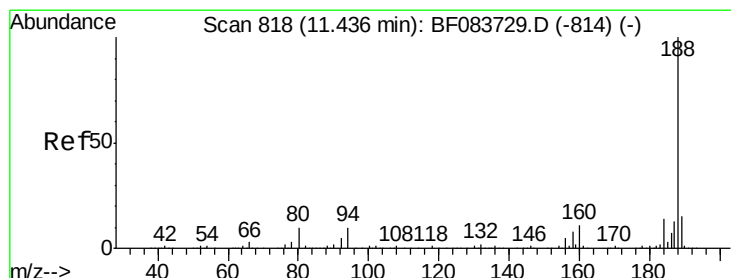
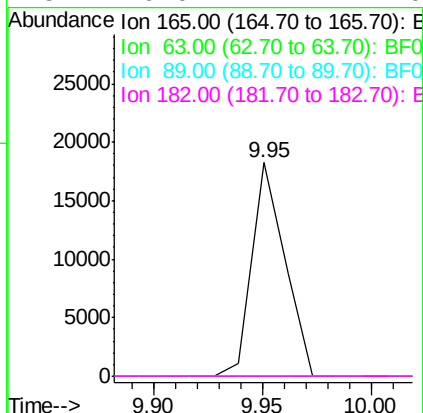
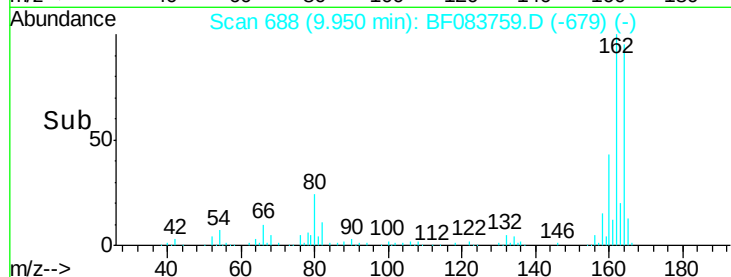
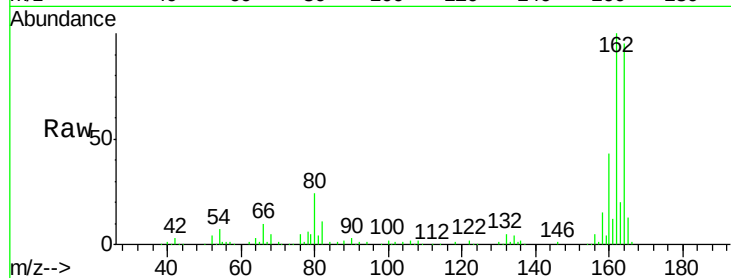




#56
2,4-Dinitrotoluene
Concen: 5.94 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.19 min
Lab File: BF083759.D
Acq: 14 Dec 2015 5:33

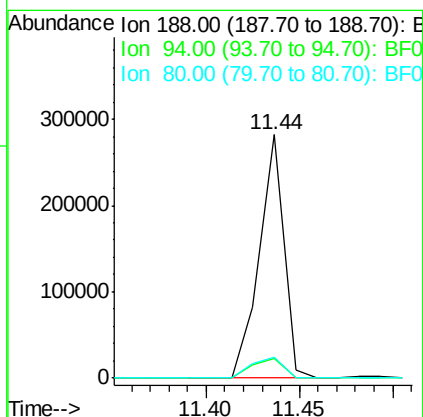
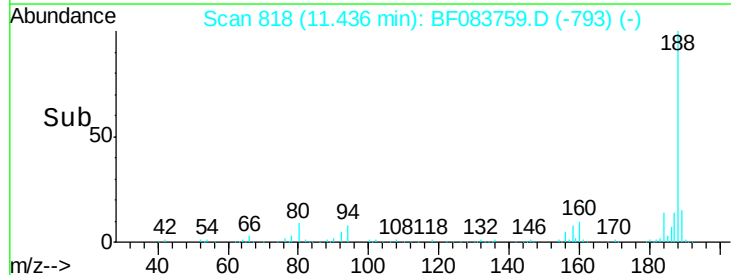
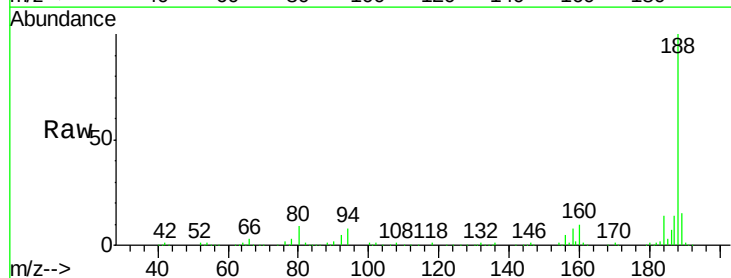
Instrument :
BNA_F
ClientSampleId :
SB-02(0-0.16)

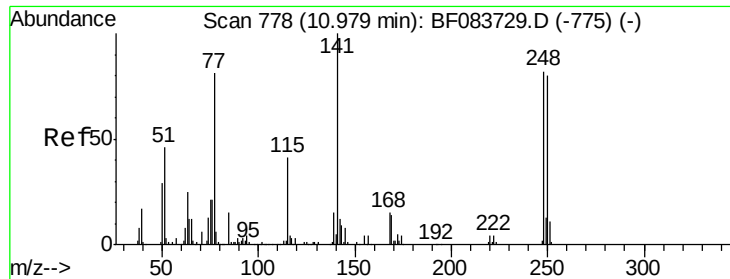
Tgt Ion:	165	Resp:	19301
Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.4	77.2#
89	0.0	72.6	108.8#
182	0.0	1.4	2.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF083759.D
Acq: 14 Dec 2015 5:33

Tgt Ion:	188	Resp:	257909
Ion	Ratio	Lower	Upper
188	100		
94	8.0	9.4	14.2#
80	8.6	10.6	16.0#

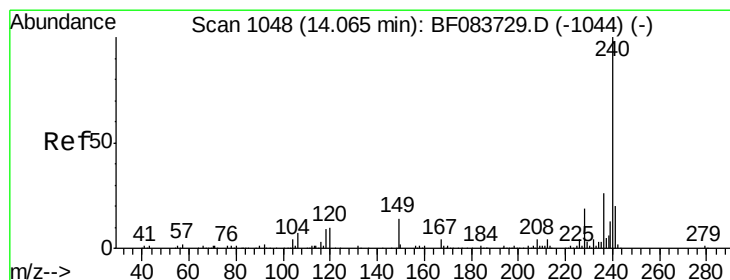
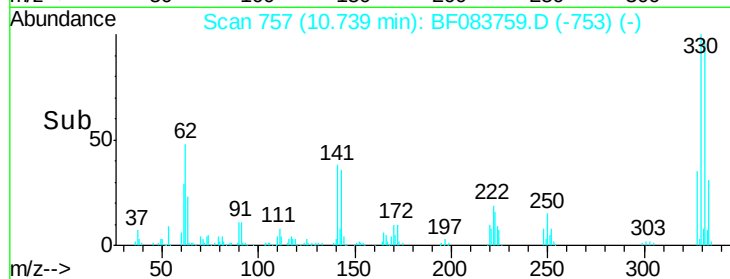
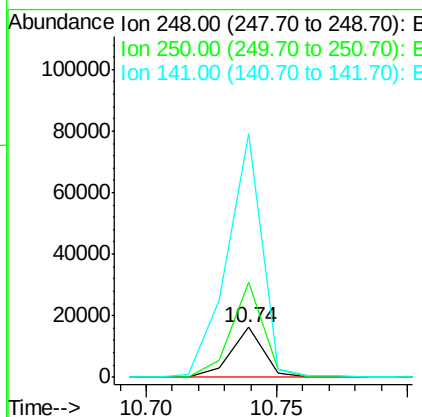
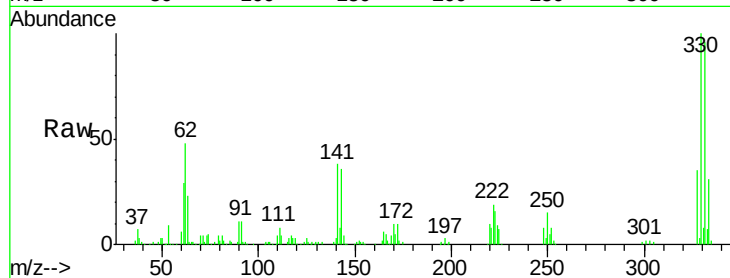




#66
 4-Bromophenyl-phenylether
 Concen: 4.88 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.25 min
 Lab File: BF083759.D
 Acq: 14 Dec 2015 5:33

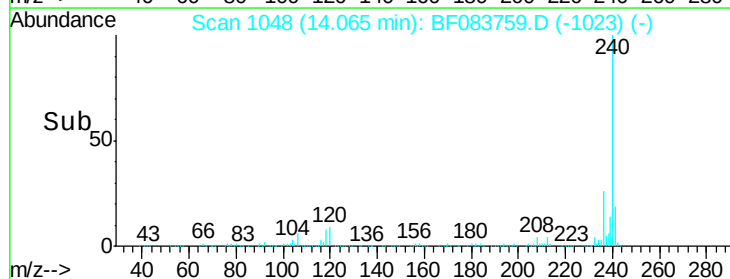
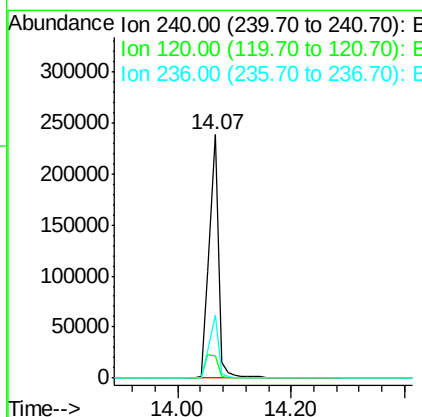
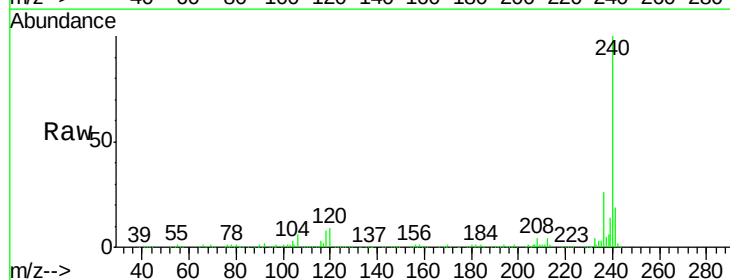
Instrument :
 BNA_F
 ClientSampleId :
 SB-02(0-0.16)

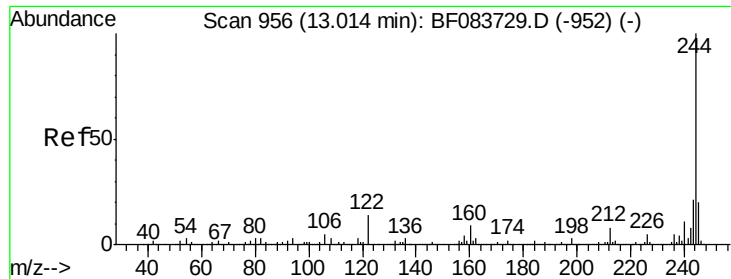
Tgt Ion:248 Resp: 14064
 Ion Ratio Lower Upper
 248 100
 250 191.1 79.2 118.8#
 141 488.4 58.2 87.4#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BF083759.D
 Acq: 14 Dec 2015 5:33

Tgt Ion:240 Resp: 258399
 Ion Ratio Lower Upper
 240 100
 120 9.1 8.1 12.1
 236 26.1 20.8 31.2

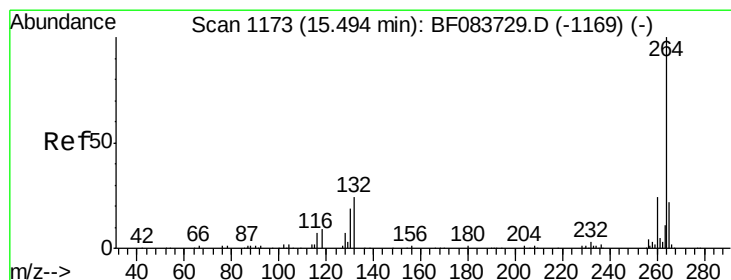
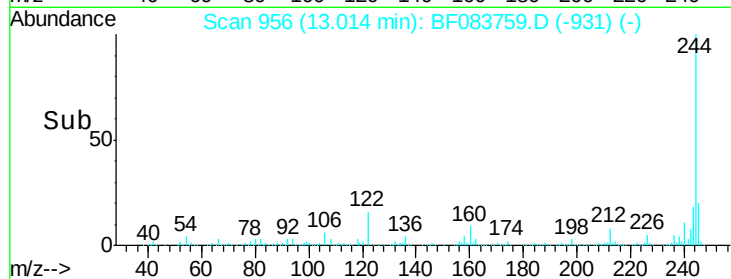
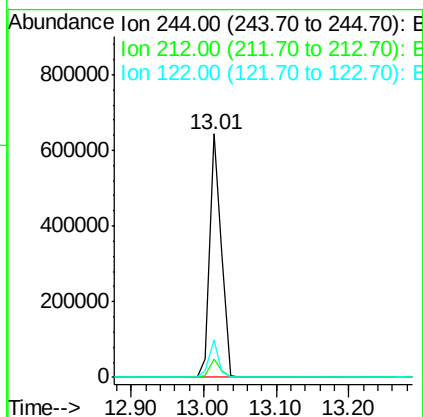
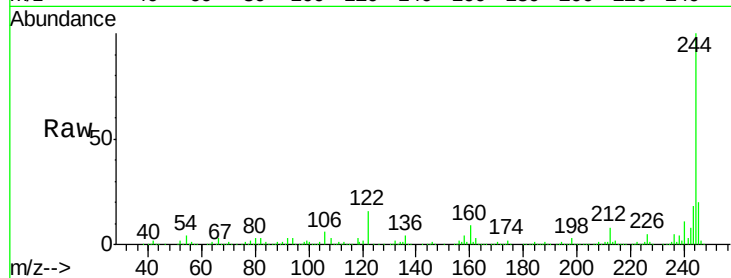




#78
 Terphenyl-d14
 Concen: 59.23 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF083759.D
 Acq: 14 Dec 2015 5:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-02(0-0.16)

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	15.6	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: BF083759.D
 Acq: 14 Dec 2015 5:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	20.6	17.8	26.6

