

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121315\
 Data File : BF083761.D
 Acq On : 14 Dec 2015 6:29
 Operator : UM/IZ
 Sample : G4648-05
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03(0-0.16)

Quant Time: Dec 14 07:21:58 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

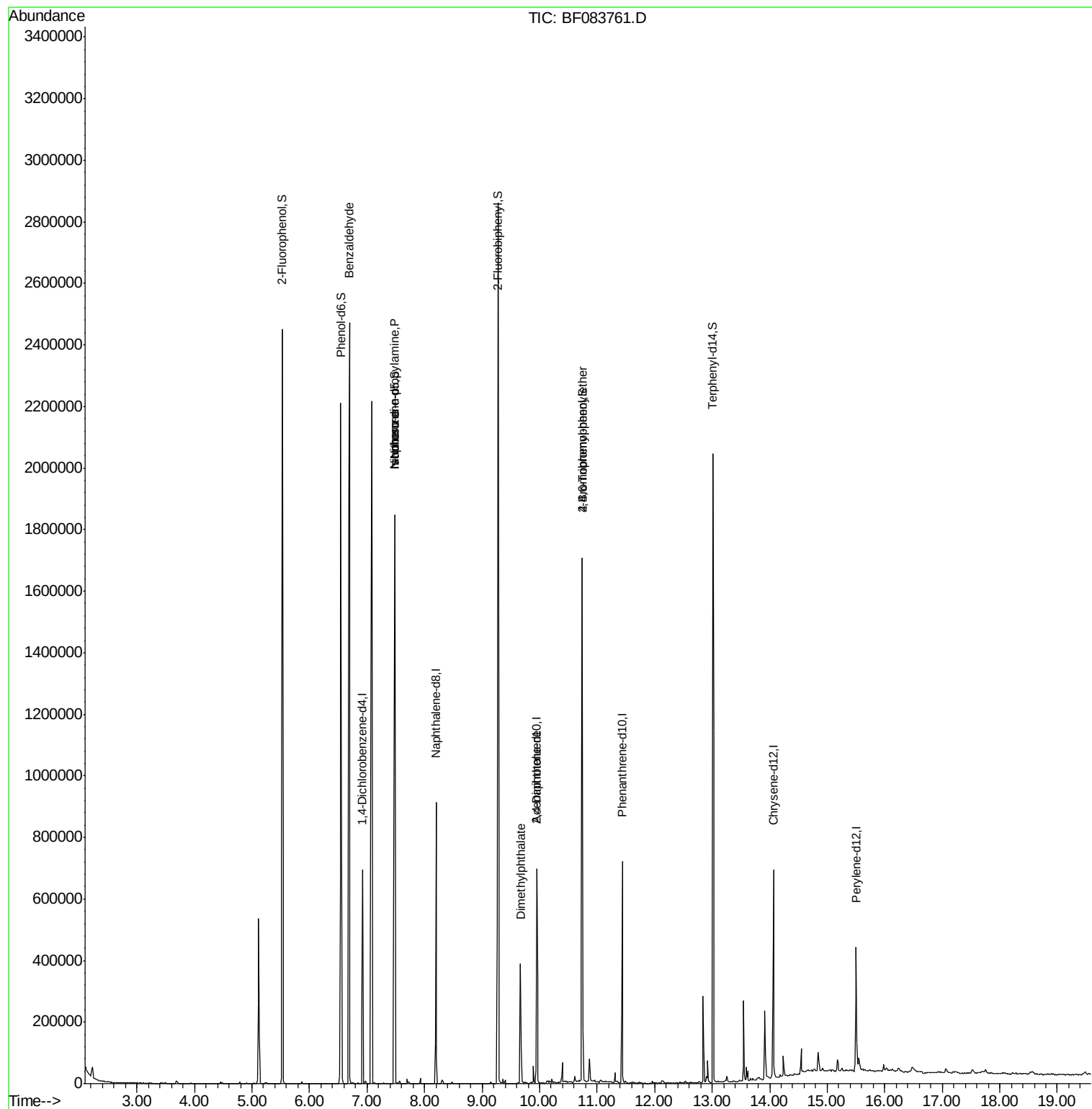
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	109696	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	390766	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	157264	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	264783	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	247718	20.00	ng	-0.01
86) Perylene-d12	15.51	264	201148	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	832121	122.38	ng	0.00
7) Phenol-d6	6.54	99	1004590	116.66	ng	0.00
23) Nitrobenzene-d5	7.48	82	706159	101.10	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	189942	118.53	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	979578	94.53	ng	-0.01
78) Terphenyl-d14	13.01	244	775213	67.32	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.69	77	20187	4.37	ng	Qvalue 94
19) n-Nitroso-di-n-propylamine	7.48	70	93556	17.74	ng	# 70
25) Isophorone	7.48	82	689720	50.33	ng	# 69
49) Dimethylphthalate	9.66	163	165076	13.46	ng	99
56) 2,4-Dinitrotoluene	9.95	165	20196	5.94	ng	# 12
66) 4-Bromophenyl-phenylether	10.74	248	13607	4.60	ng	# 1

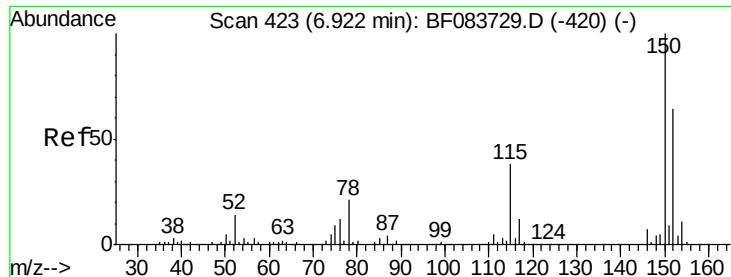
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121315\
Data File : BF083761.D
Acq On : 14 Dec 2015 6:29
Operator : UM/IZ
Sample : G4648-05
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03(0-0.16)

Quant Time: Dec 14 07:21:58 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



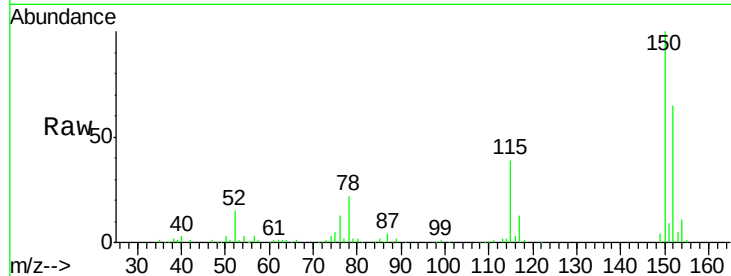


#1

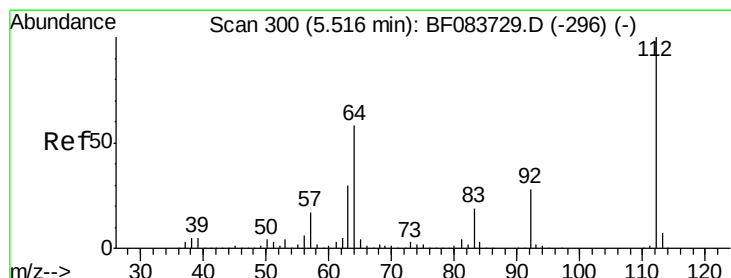
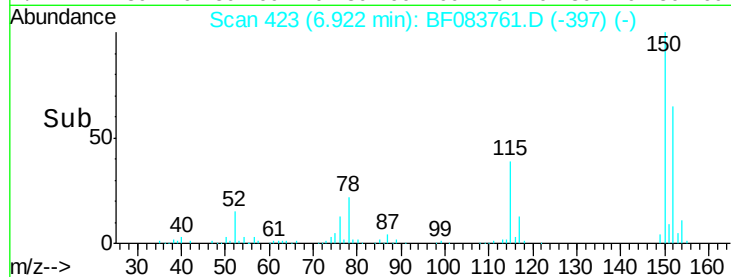
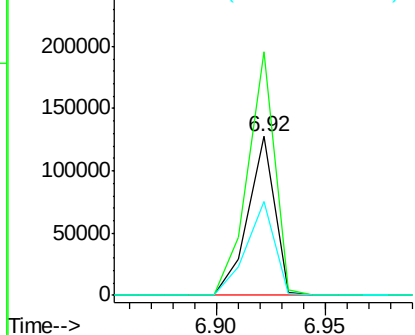
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF083761.D
Acq: 14 Dec 2015 6:29

Instrument :
BNA_F
ClientSampleId :
SB-03(0-0.16)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.5	126.5	189.7
115	59.2	52.3	78.5



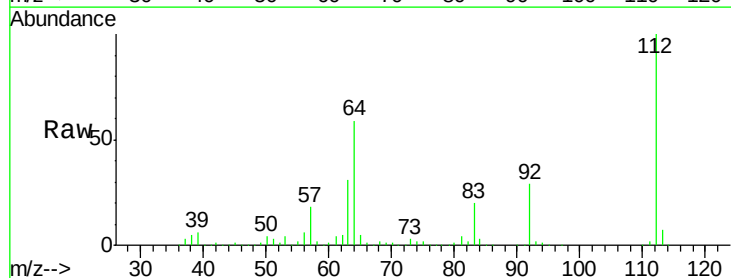
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



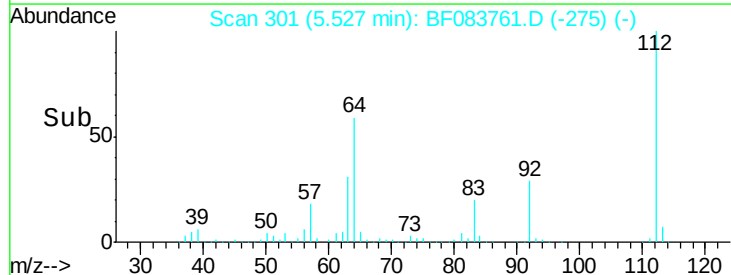
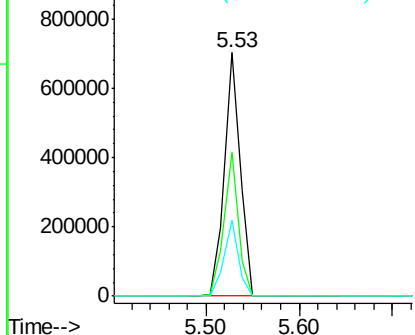
#5

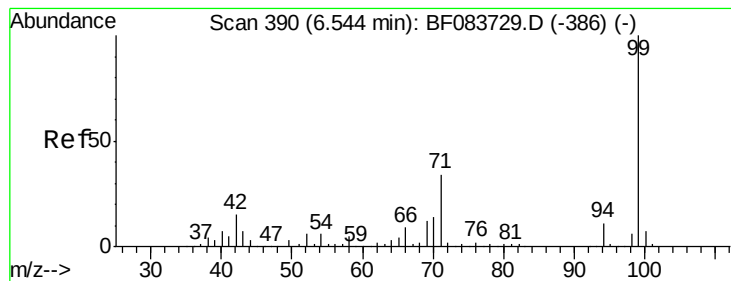
2-Fluorophenol
Concen: 122.38 ng
RT: 5.53 min Scan# 301
Delta R.T. 0.00 min
Lab File: BF083761.D
Acq: 14 Dec 2015 6:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	50.5	75.7
63	31.1	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: 116.66 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083761.D

Acq: 14 Dec 2015 6:29

Instrument :

BNA_F

ClientSampleId :

SB-03(0-0.16)

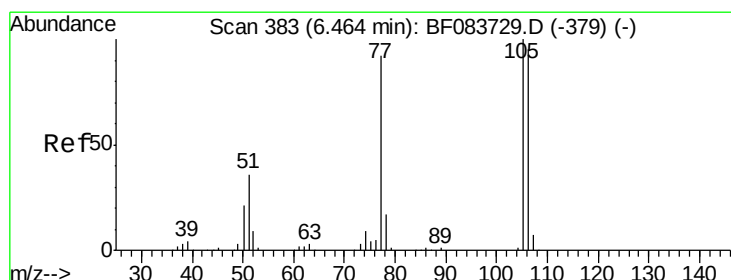
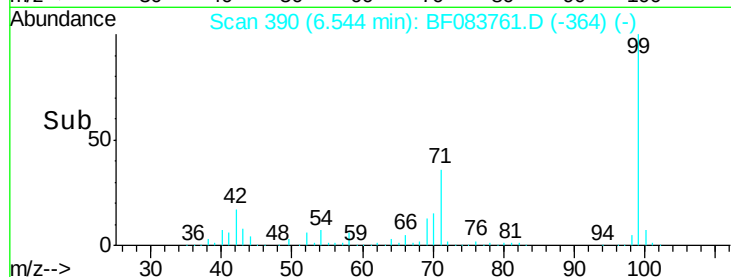
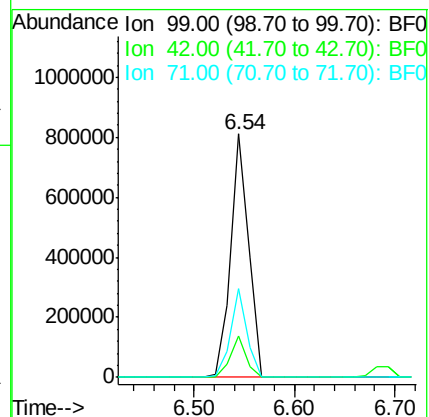
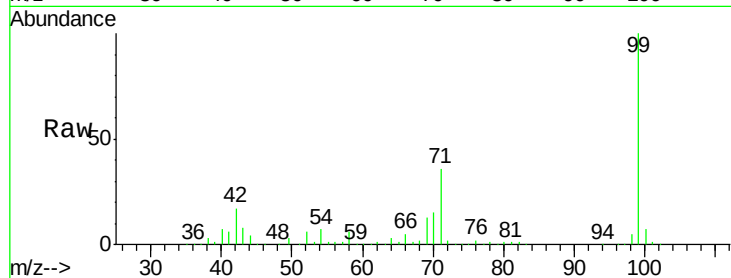
Tgt Ion: 99 Resp: 1004590

Ion Ratio Lower Upper

99 100

42 16.9 17.3 25.9#

71 36.5 26.6 40.0



#9

Benzaldehyde

Concen: 4.37 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.23 min

Lab File: BF083761.D

Acq: 14 Dec 2015 6:29

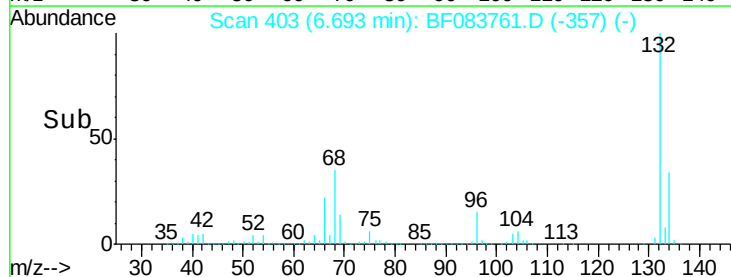
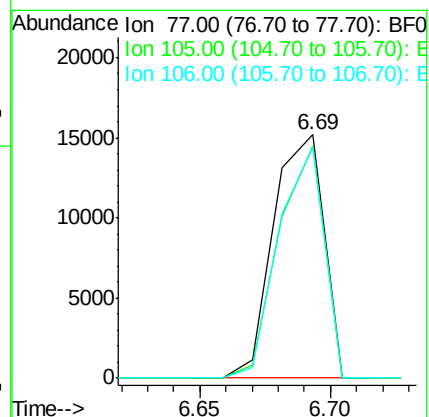
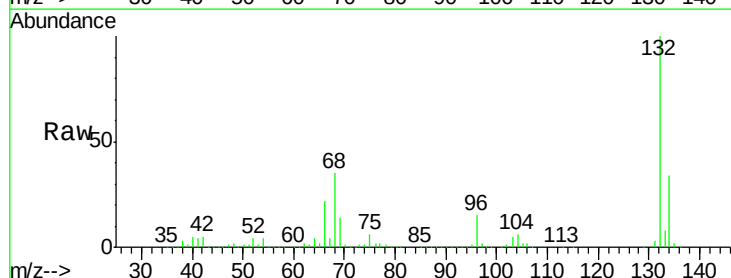
Tgt Ion: 77 Resp: 20187

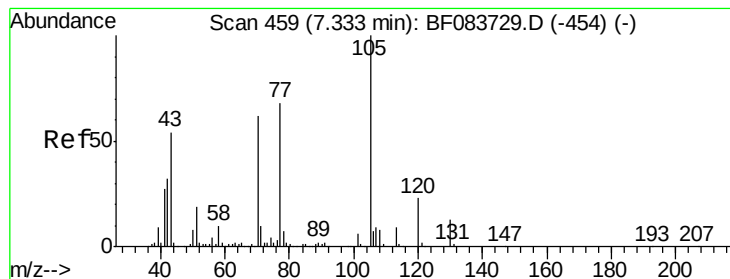
Ion Ratio Lower Upper

77 100

105 95.1 71.8 111.8

106 94.6 66.8 106.8





#19

n-Nitroso-di-n-propylamine

Concen: 17.74 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.14 min

Lab File: BF083761.D

Acq: 14 Dec 2015 6:29

Instrument :

BNA_F

ClientSampleId :

SB-03(0-0.16)

Tgt Ion: 70 Resp: 93556

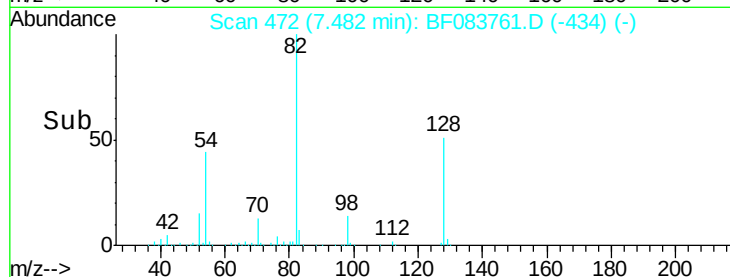
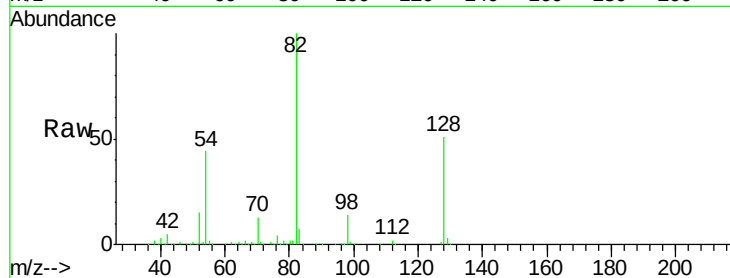
Ion Ratio Lower Upper

70 100

42 39.1 49.2 73.8#

101 0.0 7.1 10.7#

130 2.6 15.4 23.0#

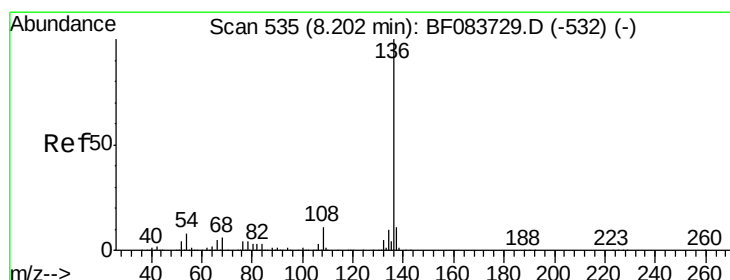
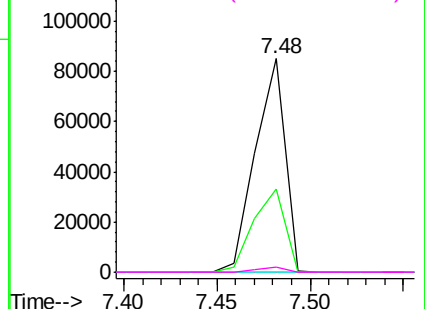


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF083761.D

Acq: 14 Dec 2015 6:29

Tgt Ion: 136 Resp: 390766

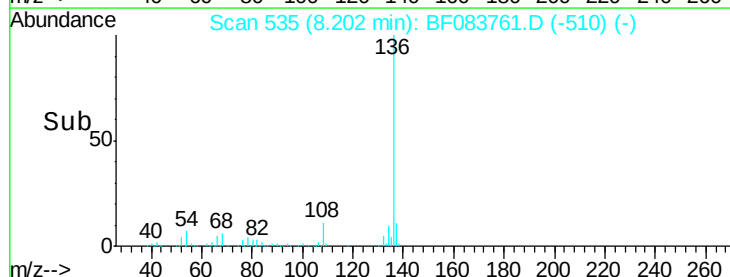
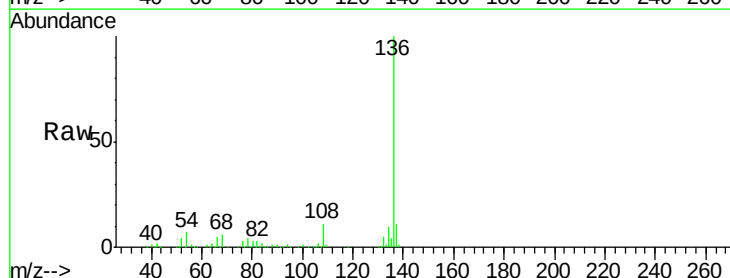
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 7.1 7.8 11.6#

68 5.7 5.7 8.5

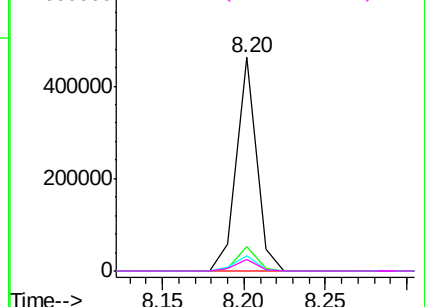


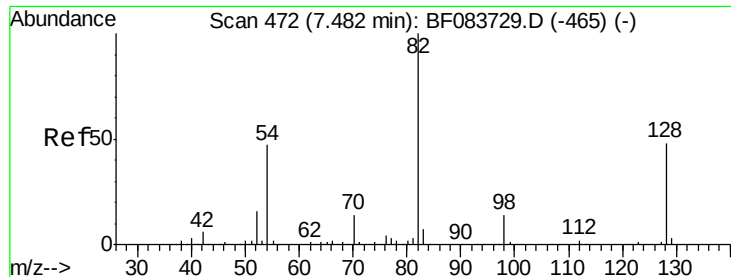
Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.10 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF083761.D

Acq: 14 Dec 2015 6:29

Instrument :

BNA_F

ClientSampleId :

SB-03(0-0.16)

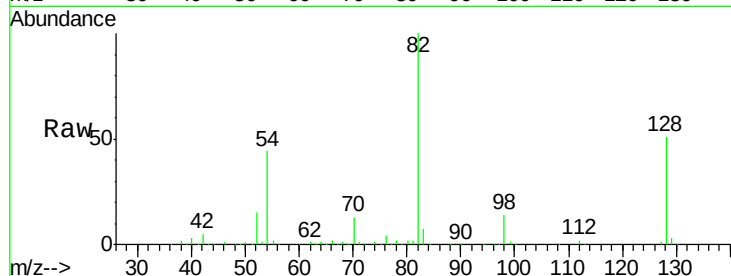
Tgt Ion: 82 Resp: 706159

Ion Ratio Lower Upper

82 100

128 50.5 30.7 46.1#

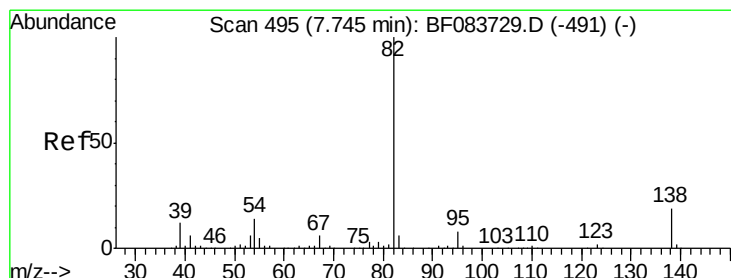
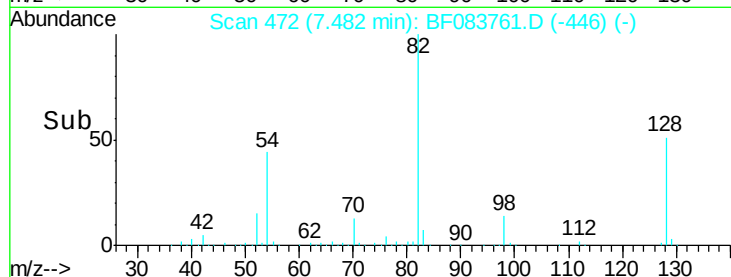
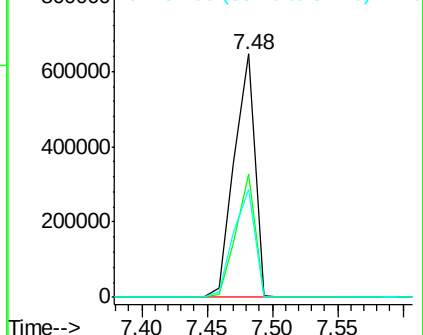
54 44.3 42.5 63.7



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: 50.33 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.26 min

Lab File: BF083761.D

Acq: 14 Dec 2015 6:29

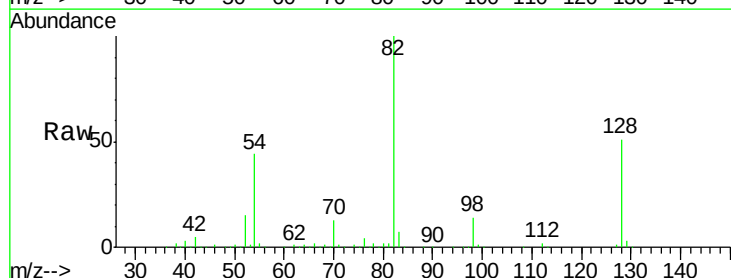
Tgt Ion: 82 Resp: 689720

Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

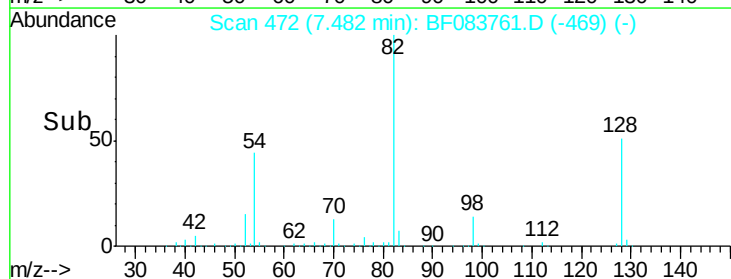
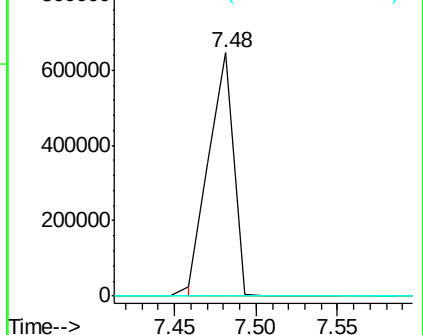
138 0.0 12.1 18.1#

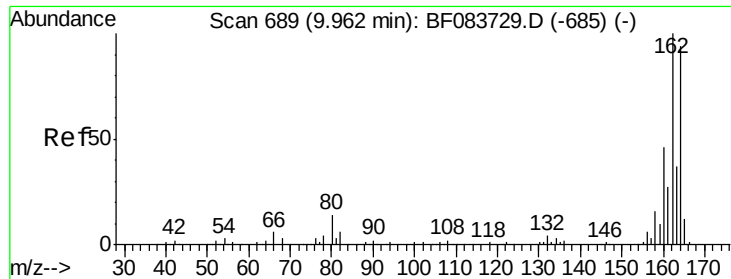


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF083761.D

Acq: 14 Dec 2015 6:29

Instrument :

BNA_F

ClientSampleId :

SB-03(0-0.16)

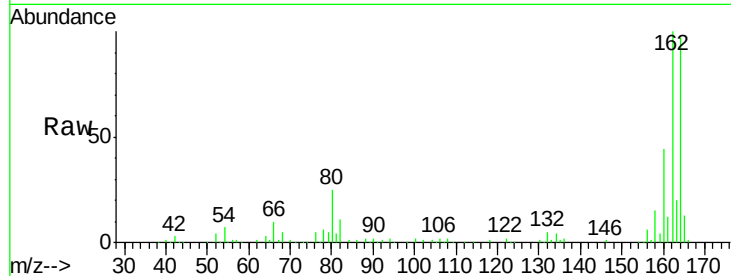
Tgt Ion:164 Resp: 157264

Ion Ratio Lower Upper

164 100

162 103.4 78.8 118.2

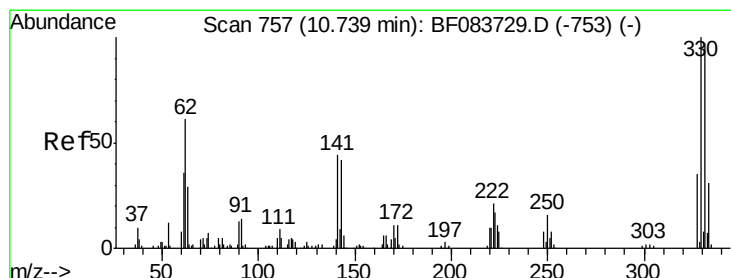
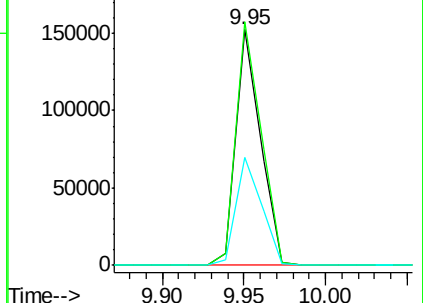
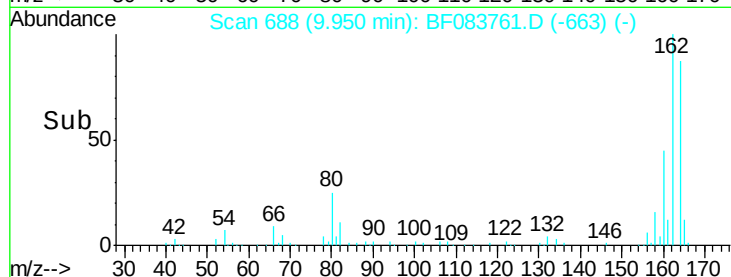
160 45.7 33.4 50.2



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: 118.53 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF083761.D

Acq: 14 Dec 2015 6:29

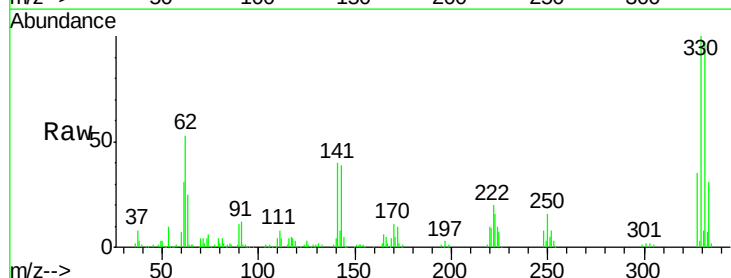
Tgt Ion:330 Resp: 189942

Ion Ratio Lower Upper

330 100

332 97.8 0.0 0.0#

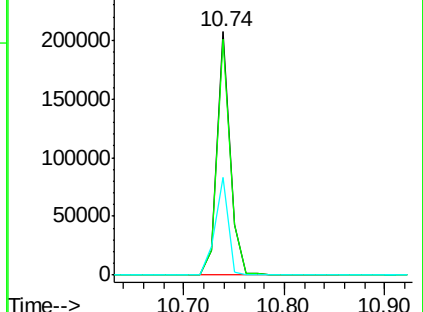
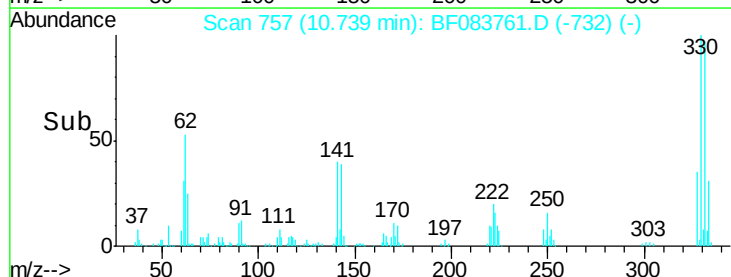
141 40.8 0.0 0.0#

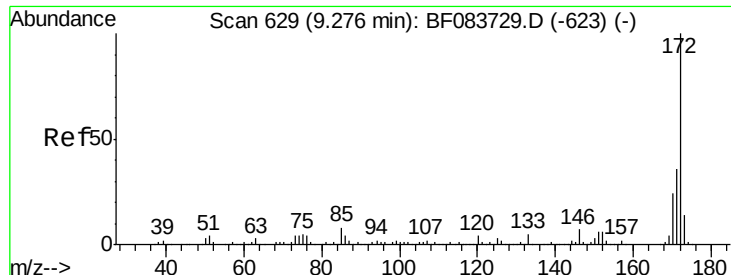


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

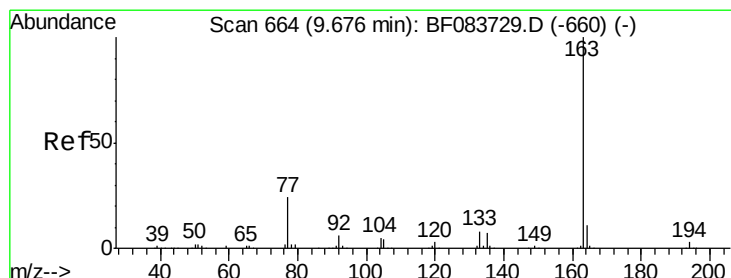
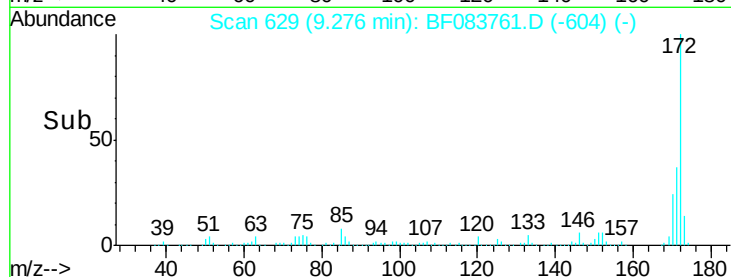
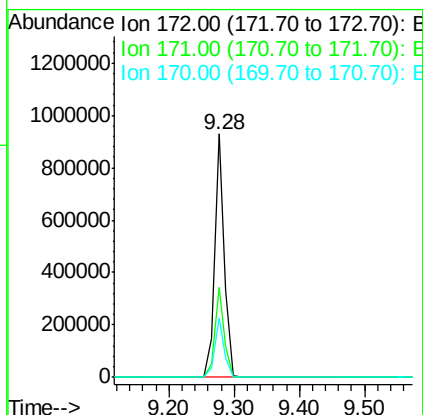
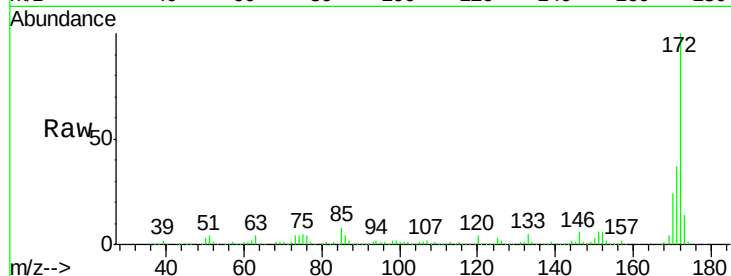




#44
 2-Fluorobiphenyl
 Concen: 94.53 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF083761.D
 Acq: 14 Dec 2015 6:29

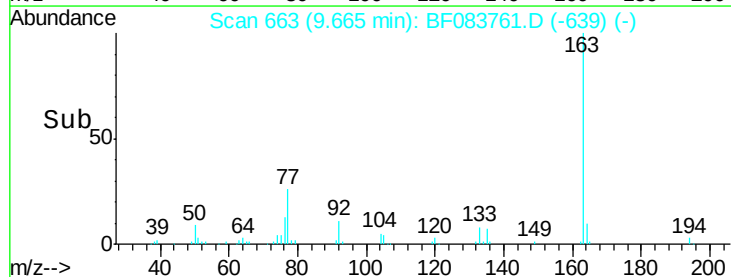
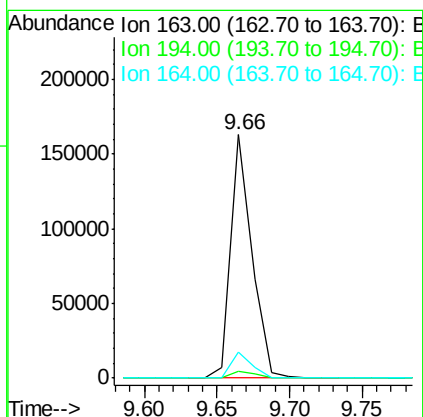
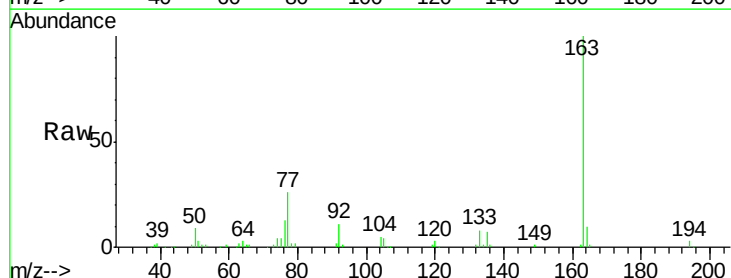
Instrument :
 BNA_F
 ClientSampleId :
 SB-03(0-0.16)

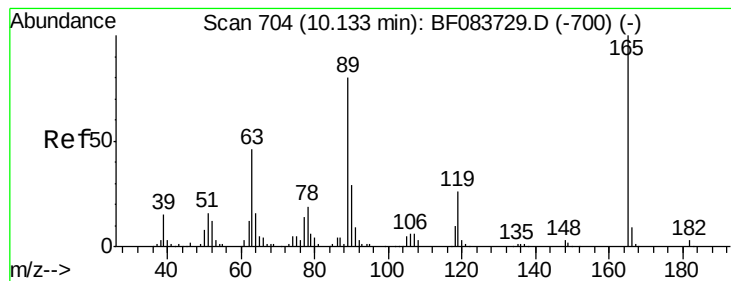
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.6	42.8
170	24.3	19.4	29.0



#49
 Dimethylphthalate
 Concen: 13.46 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.02 min
 Lab File: BF083761.D
 Acq: 14 Dec 2015 6:29

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.8	4.2
164	10.5	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: BF083761.D

Acq: 14 Dec 2015 6:29

Instrument :

BNA_F

ClientSampleId :

SB-03(0-0.16)

Tgt Ion:165 Resp: 20196

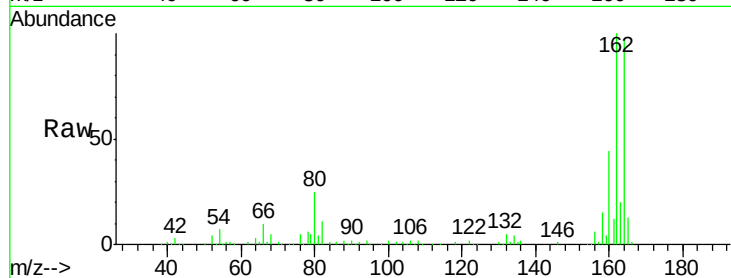
Ion Ratio Lower Upper

165 100

63 0.0 51.4 77.2#

89 1.9 72.6 108.8#

182 0.0 1.4 2.0#

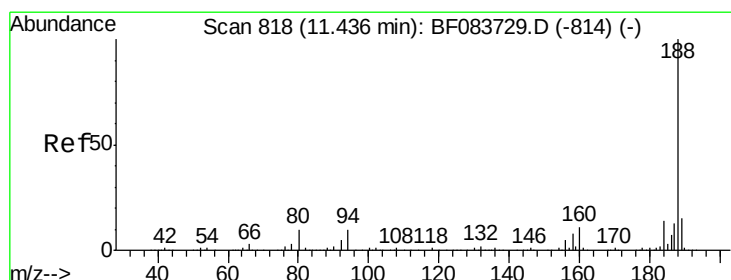
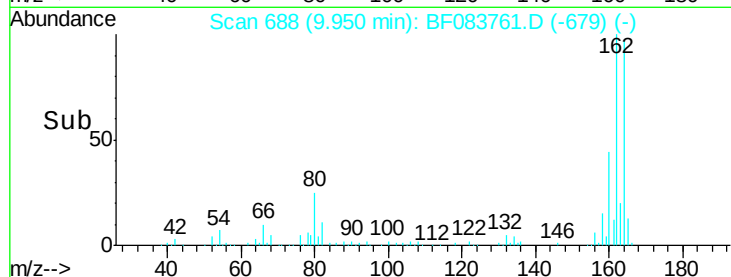
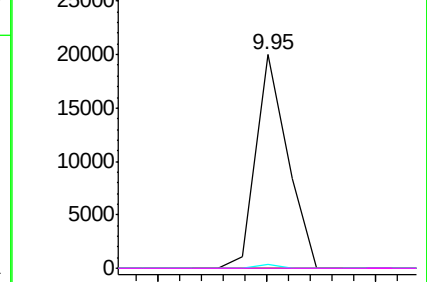


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF083761.D

Acq: 14 Dec 2015 6:29

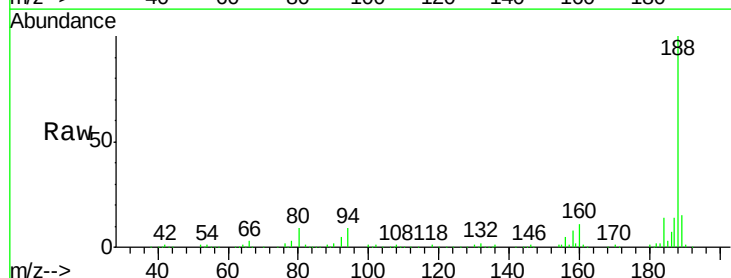
Tgt Ion:188 Resp: 264783

Ion Ratio Lower Upper

188 100

94 8.7 9.4 14.2#

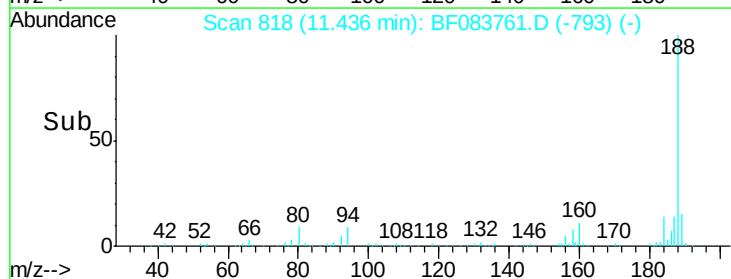
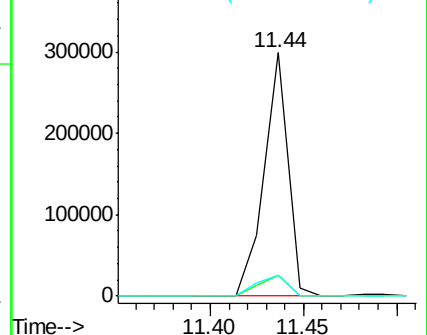
80 8.7 10.6 16.0#

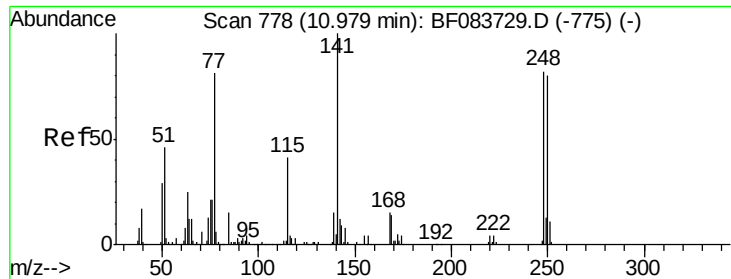


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

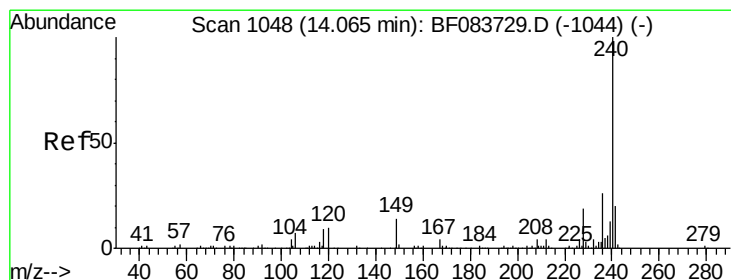
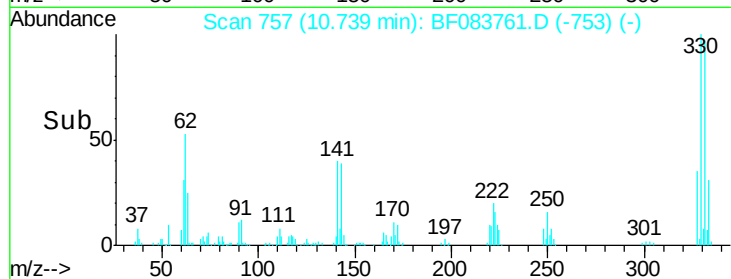
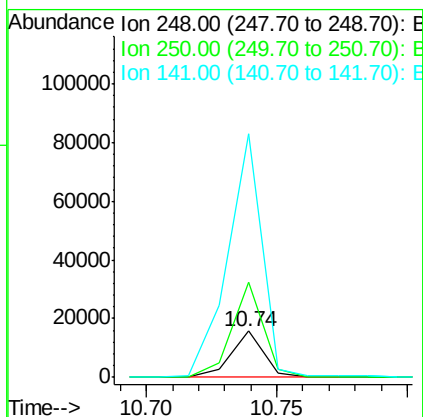
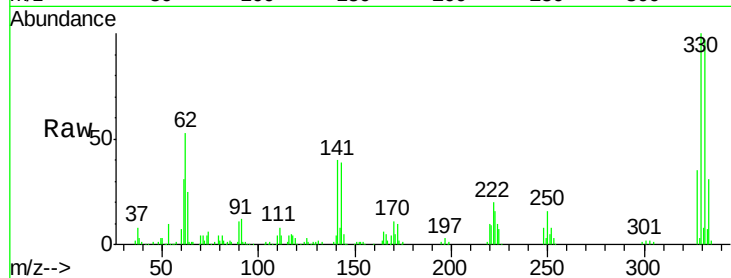




#66
 4-Bromophenyl-phenylether
 Concen: 4.60 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.25 min
 Lab File: BF083761.D
 Acq: 14 Dec 2015 6:29

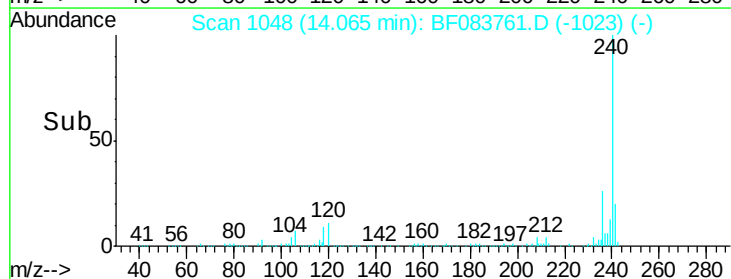
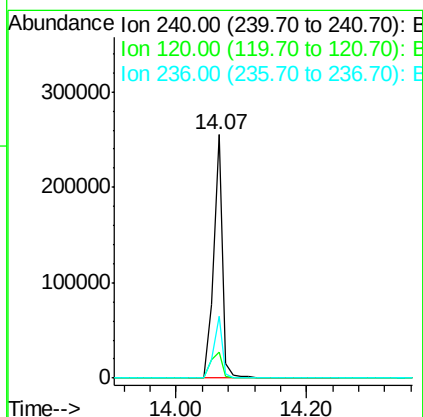
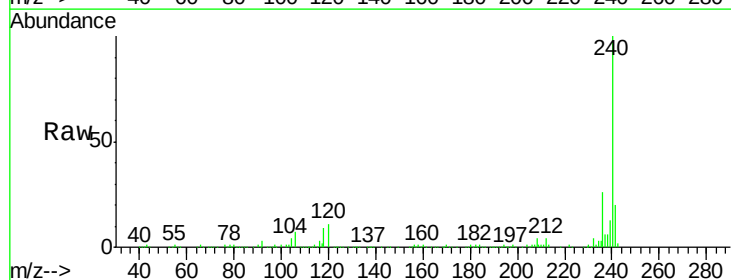
Instrument :
 BNA_F
 ClientSampleId :
 SB-03(0-0.16)

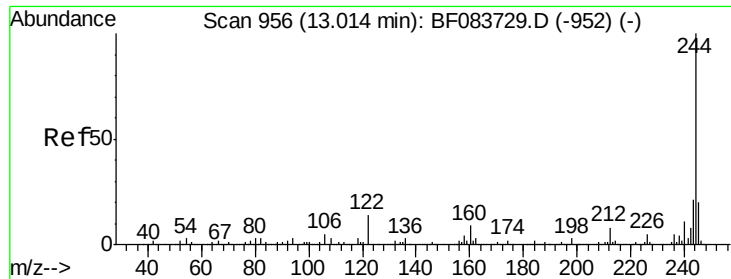
Tgt Ion:248 Resp: 13607
 Ion Ratio Lower Upper
 248 100
 250 204.7 79.2 118.8#
 141 525.2 58.2 87.4#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BF083761.D
 Acq: 14 Dec 2015 6:29

Tgt Ion:240 Resp: 247718
 Ion Ratio Lower Upper
 240 100
 120 10.7 8.1 12.1
 236 25.6 20.8 31.2

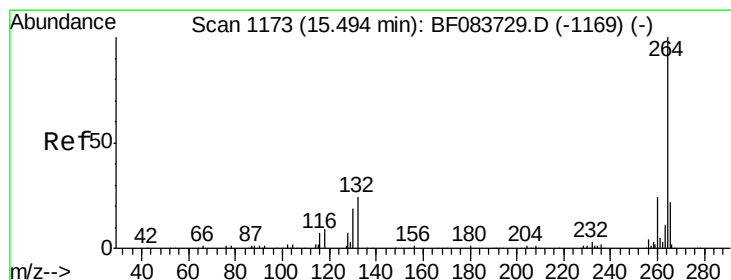
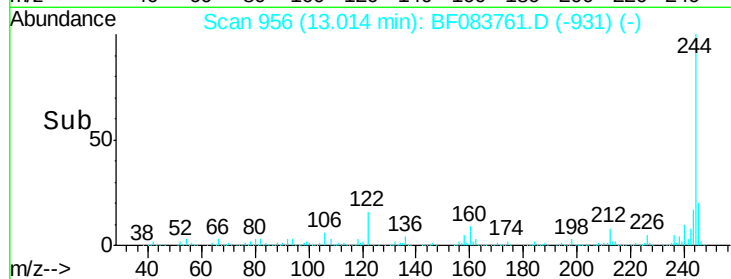
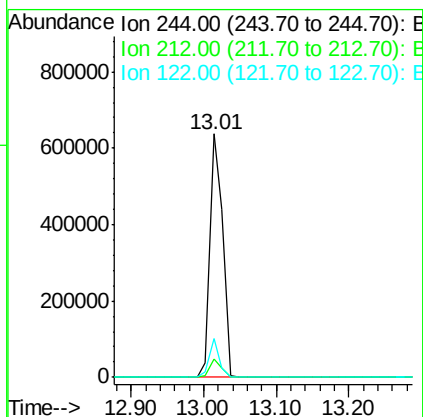
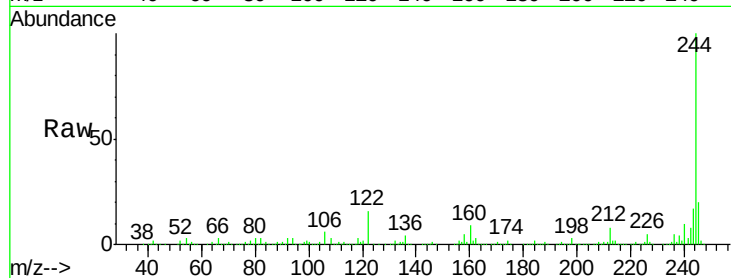




#78
 Terphenyl-d14
 Concen: 67.32 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF083761.D
 Acq: 14 Dec 2015 6:29

Instrument :
 BNA_F
 ClientSampleId :
 SB-03(0-0.16)

Tgt Ion:244 Resp: 775213
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 16.1 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: BF083761.D
 Acq: 14 Dec 2015 6:29

Tgt Ion:264 Resp: 201148
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.0
 265 21.8 17.8 26.6

