

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070816\
 Data File : BF088861.D
 Acq On : 9 Jul 2016 9:00
 Operator : UM/SJ
 Sample : H3884-08
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-16A

Quant Time: Jul 11 00:54:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

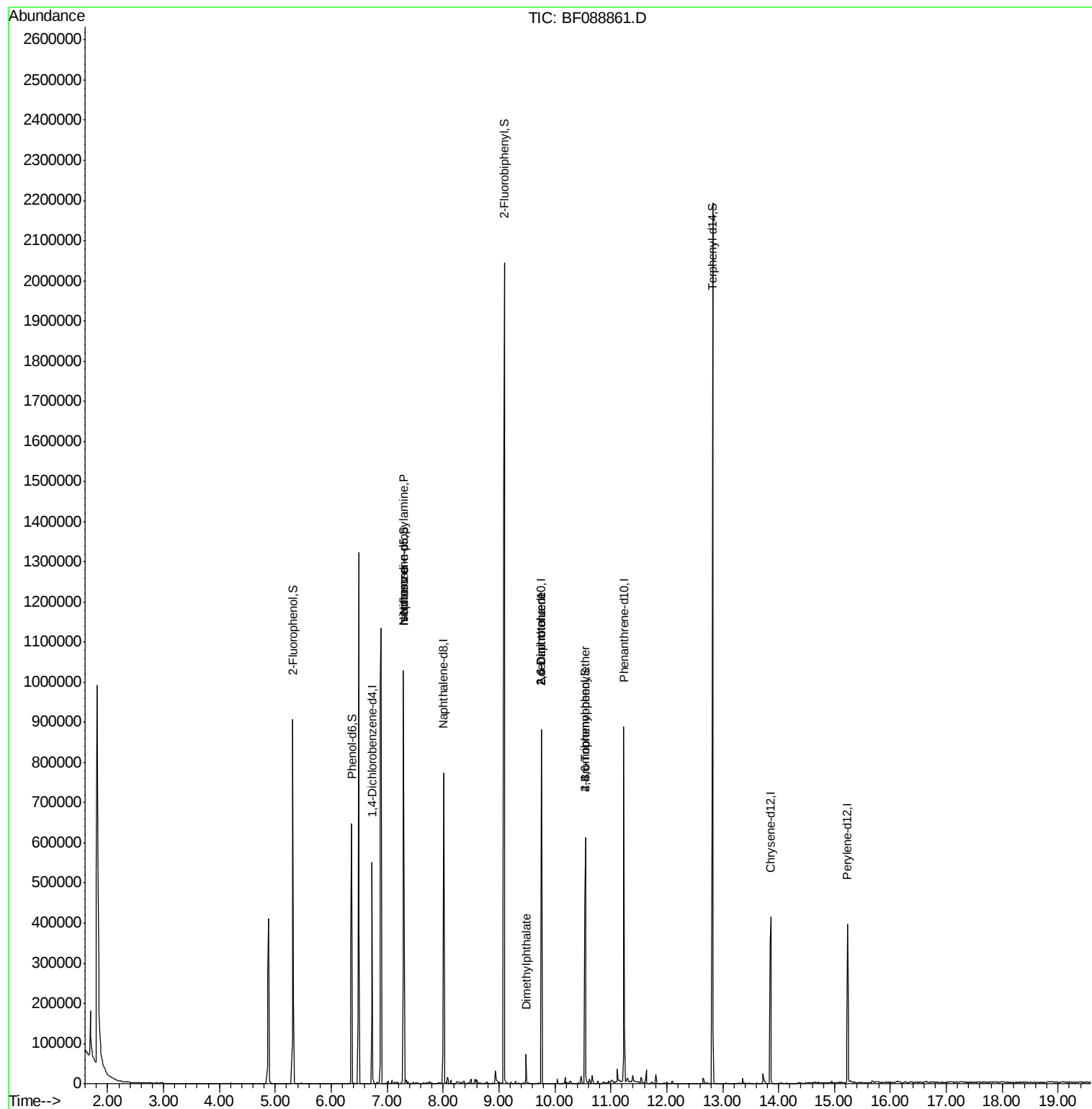
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	85329	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	327124	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	157495	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	292248	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	191903	20.00	ng	-0.01
86) Perylene-d12	15.23	264	171230	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	249122	43.76	ng	-0.01
7) Phenol-d6	6.36	99	268585	36.51	ng	-0.01
23) Nitrobenzene-d5	7.29	82	431428	69.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	97617	66.75	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	868992	87.15	ng	0.00
78) Terphenyl-d14	12.82	244	631743	73.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	56528	11.44	ng	# 73
25) Isophorone	7.29	82	363928	31.47	ng	# 65
49) Dimethylphthalate	9.48	163	30377	2.71	ng	98
50) 2,6-Dinitrotoluene	9.76	165	19929	8.01	ng	# 40
56) 2,4-Dinitrotoluene	9.76	165	19929	6.13	ng	# 38
66) 4-Bromophenyl-phenylether	10.55	248	6393	2.17	ng	# 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF088861.D

Acq: 9 Jul 2016 9:00

Instrument :

BNA_F

ClientSampleId :

LOCATION-16A

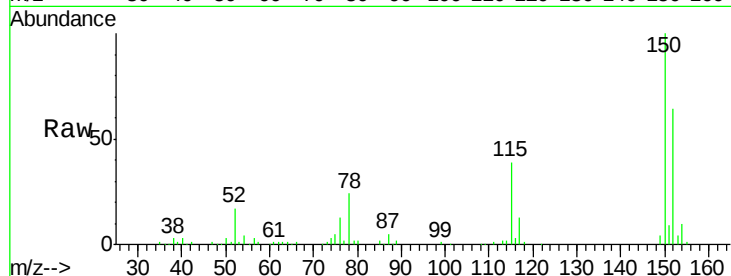
Tgt Ion:152 Resp: 85329

Ion Ratio Lower Upper

152 100

150 157.0 123.8 185.6

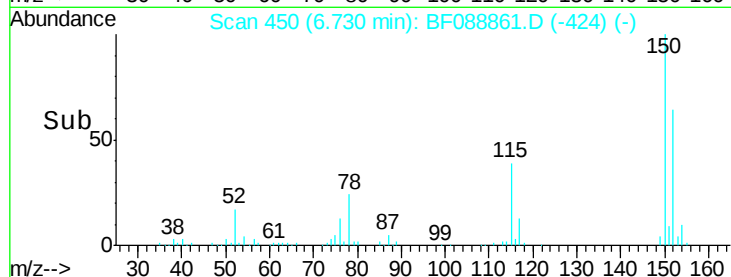
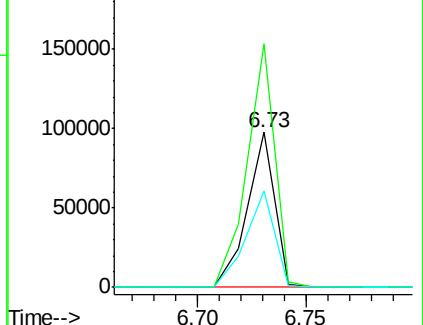
115 61.9 39.6 59.4#



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: 43.76 ng

RT: 5.31 min Scan# 326

Delta R.T. -0.01 min

Lab File: BF088861.D

Acq: 9 Jul 2016 9:00

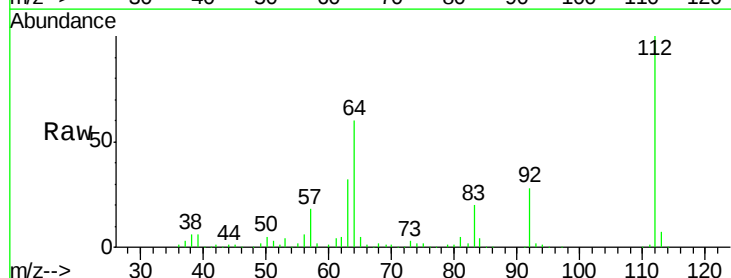
Tgt Ion:112 Resp: 249122

Ion Ratio Lower Upper

112 100

64 60.3 42.2 63.2

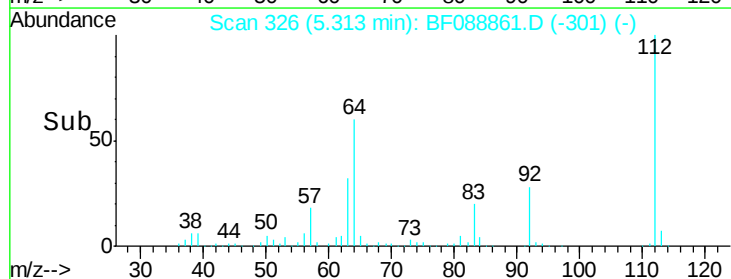
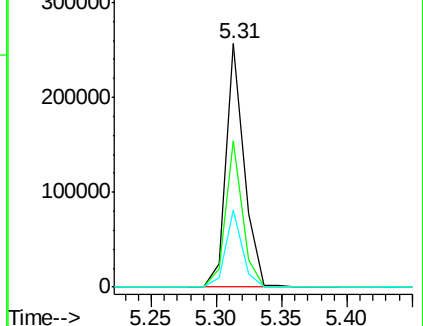
63 31.6 21.8 32.8

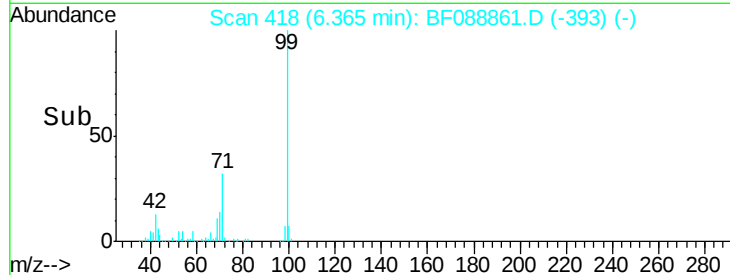
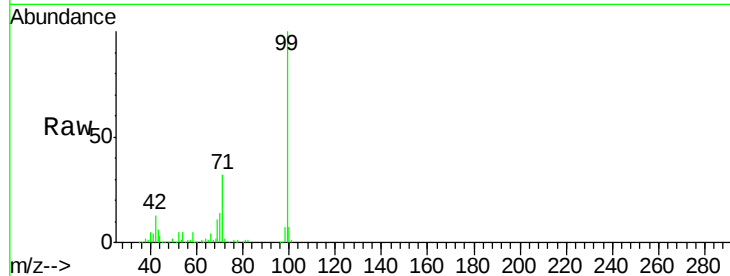


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.51 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF088861.D

Acq: 9 Jul 2016 9:00

Instrument :

BNA_F

ClientSampleId :

LOCATION-16A

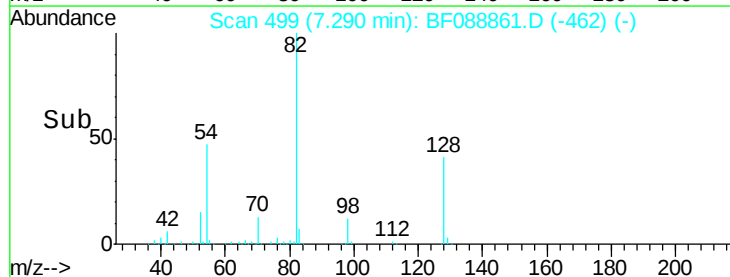
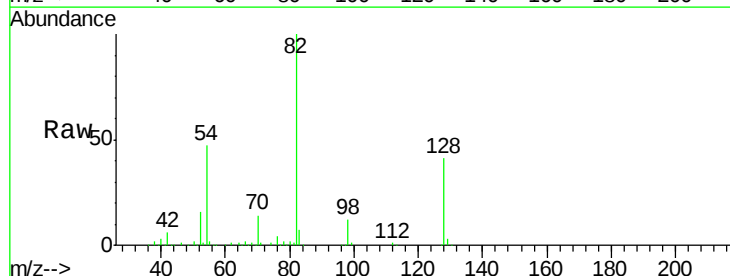
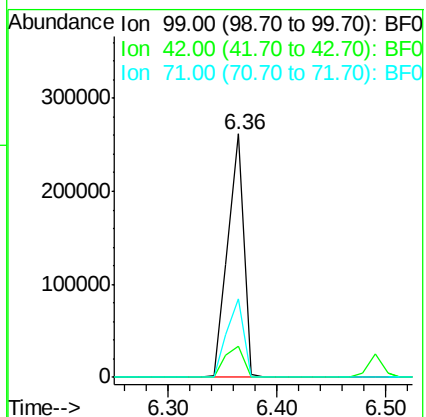
Tgt Ion: 99 Resp: 268585

Ion Ratio Lower Upper

99 100

42 12.7 12.2 18.2

71 32.4 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.44 ng

RT: 7.29 min Scan# 499

Delta R.T. 0.13 min

Lab File: BF088861.D

Acq: 9 Jul 2016 9:00

Tgt Ion: 70 Resp: 56528

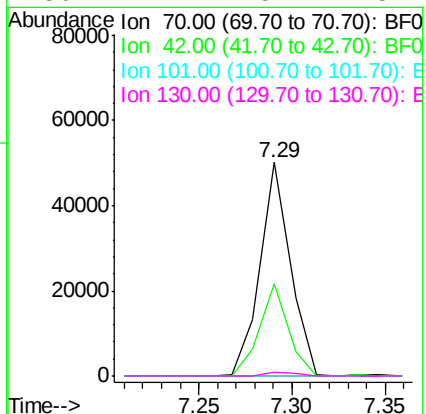
Ion Ratio Lower Upper

70 100

42 43.3 49.6 74.4#

101 0.0 7.1 10.7#

130 2.1 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF088861.D

Acq: 9 Jul 2016 9:00

Instrument :

BNA_F

ClientSampleId :

LOCATION-16A

Tgt Ion:136 Resp: 327124

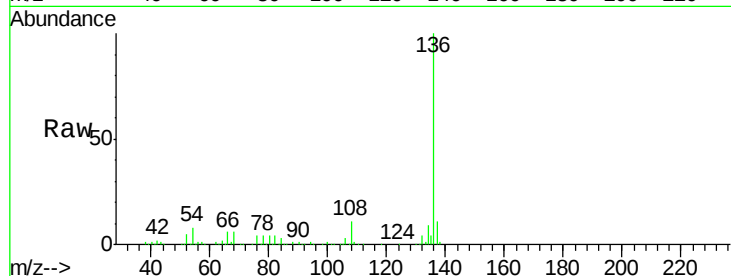
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.1 6.6 10.0

68 6.5 5.1 7.7

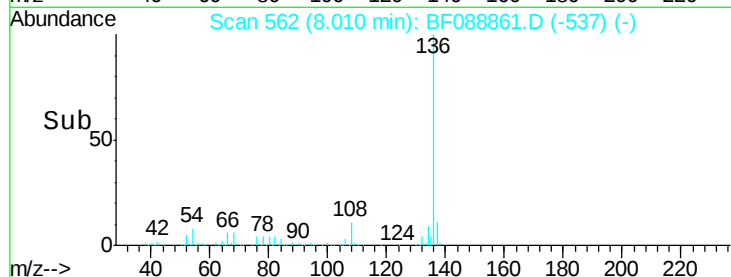


Abundance Ion 136.00 (135.70 to 136.70): E

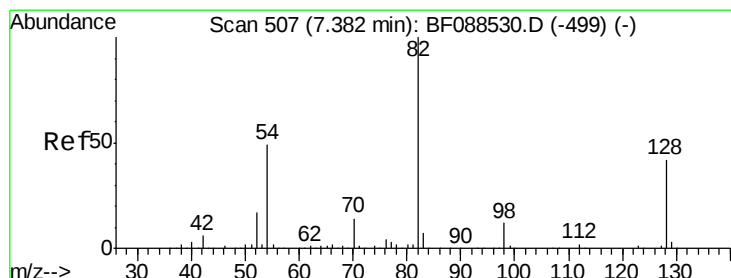
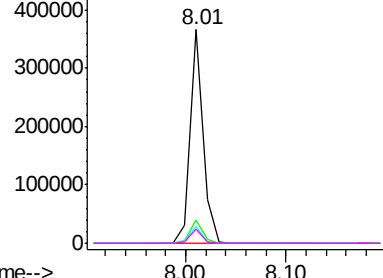
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 69.11 ng

RT: 7.29 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF088861.D

Acq: 9 Jul 2016 9:00

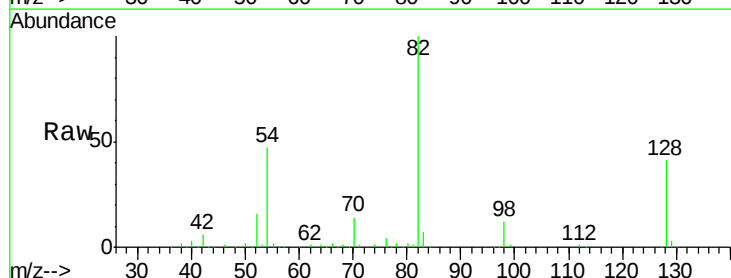
Tgt Ion: 82 Resp: 431428

Ion Ratio Lower Upper

82 100

128 40.8 35.9 53.9

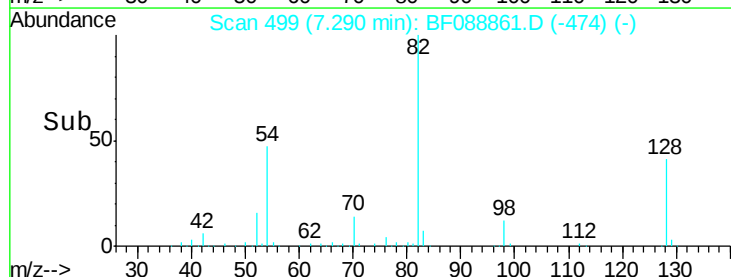
54 47.1 40.9 61.3



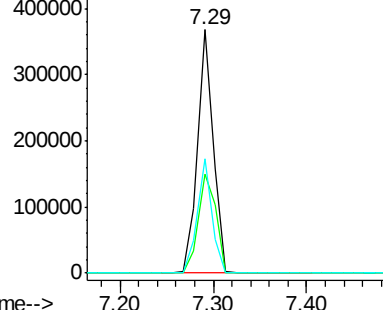
Abundance Ion 82.00 (81.70 to 82.70): BF0

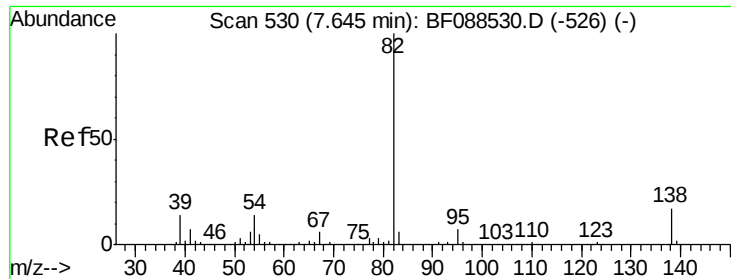
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#25

Isophorone

Concen: 31.47 ng

RT: 7.29 min Scan# 499

Delta R.T. -0.27 min

Lab File: BF088861.D

Acq: 9 Jul 2016 9:00

Instrument :

BNA_F

ClientSampleId :

LOCATION-16A

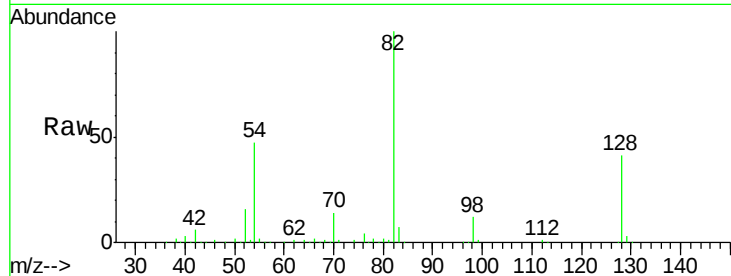
Tgt Ion: 82 Resp: 363928

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

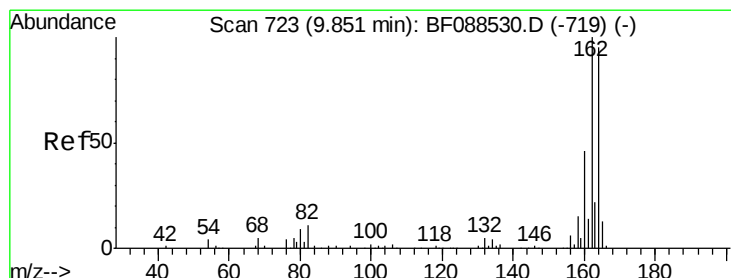
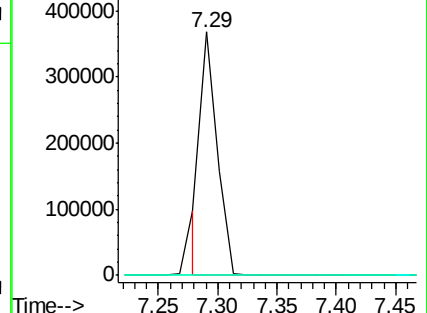
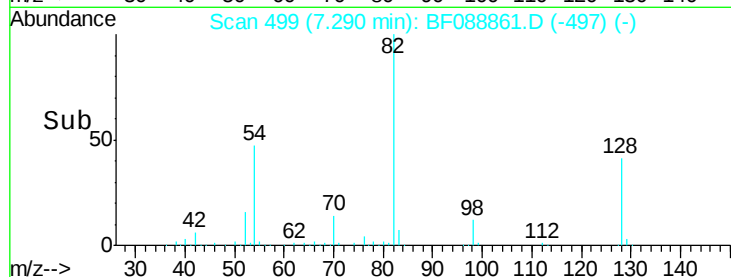
138 0.0 14.6 21.8#



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: 9.76 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF088861.D

Acq: 9 Jul 2016 9:00

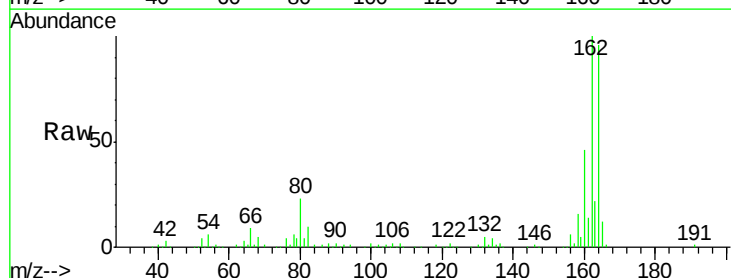
Tgt Ion: 164 Resp: 157495

Ion Ratio Lower Upper

164 100

162 103.8 85.4 128.2

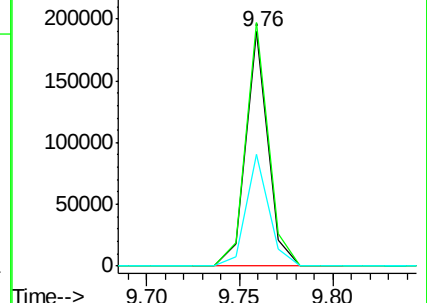
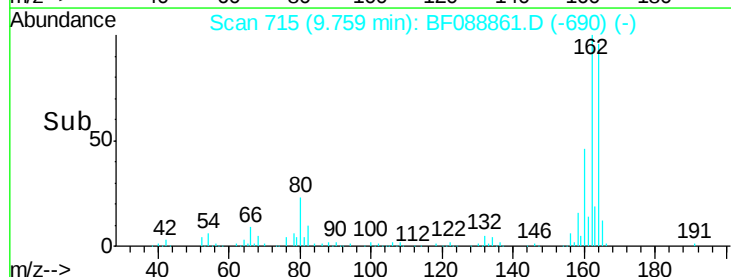
160 47.8 39.5 59.3



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

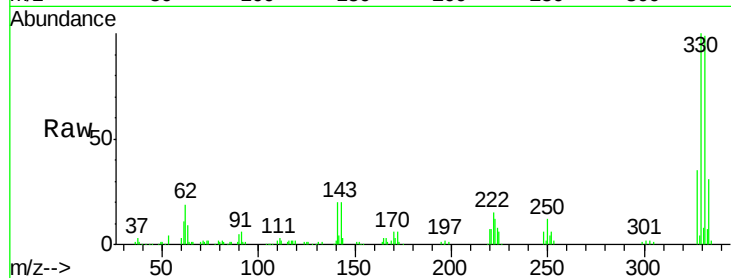




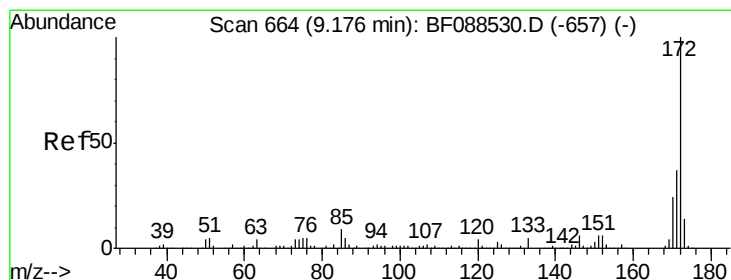
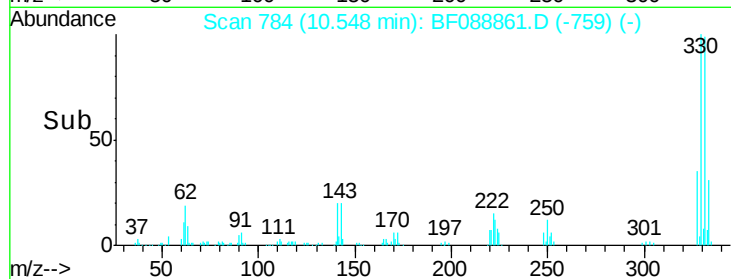
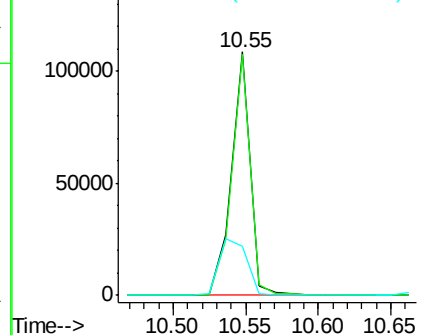
#41
 2,4,6-Tribromophenol
 Concen: 66.75 ng
 RT: 10.55 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF088861.D
 Acq: 9 Jul 2016 9:00

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-16A

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	0.0	0.0#
141	34.5	0.0	0.0#

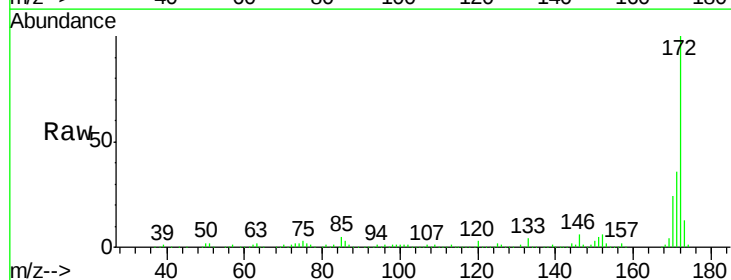


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

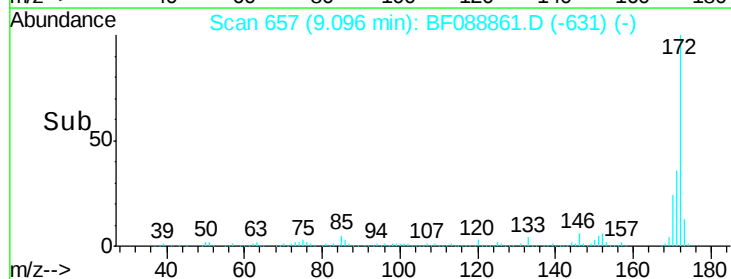
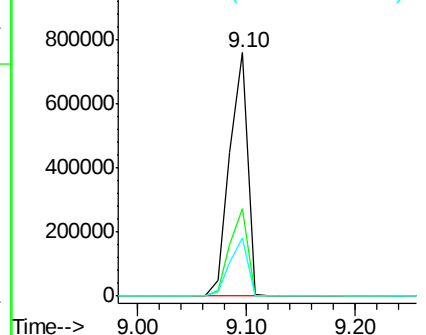


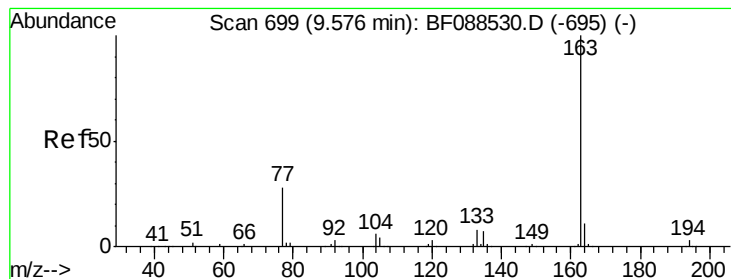
#44
 2-Fluorobiphenyl
 Concen: 87.15 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF088861.D
 Acq: 9 Jul 2016 9:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.9	19.2	28.8



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: 2.71 ng

RT: 9.48 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF088861.D

Acq: 9 Jul 2016 9:00

Instrument :

BNA_F

ClientSampleId :

LOCATION-16A

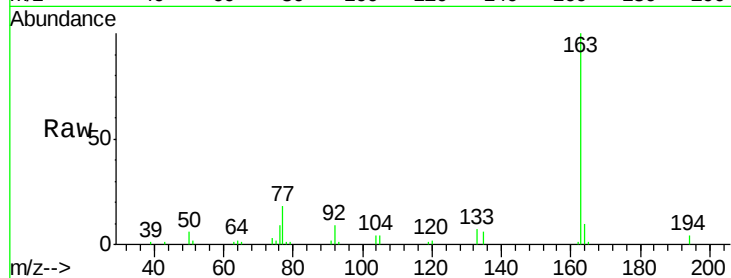
Tgt Ion:163 Resp: 30377

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

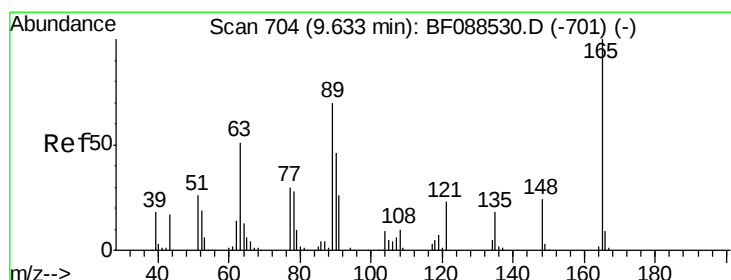
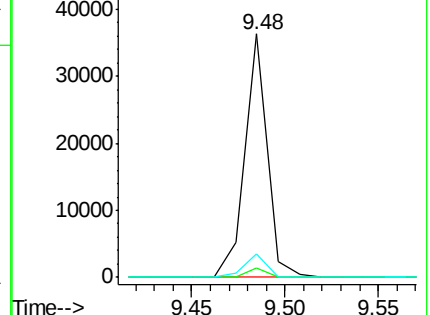
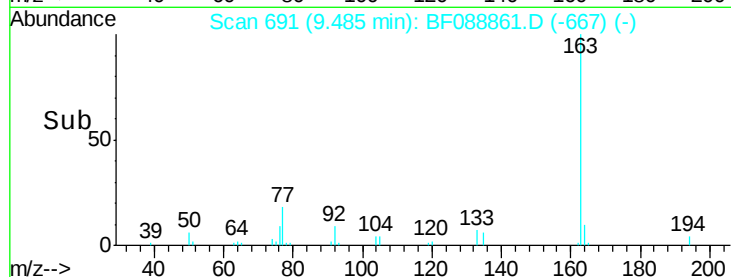
164 9.6 8.3 12.5



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



#50

2,6-Dinitrotoluene

Concen: 8.01 ng

RT: 9.76 min Scan# 715

Delta R.T. 0.19 min

Lab File: BF088861.D

Acq: 9 Jul 2016 9:00

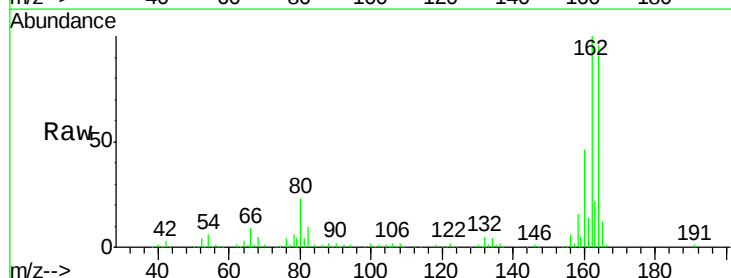
Tgt Ion:165 Resp: 19929

Ion Ratio Lower Upper

165 100

63 1.6 28.1 42.1#

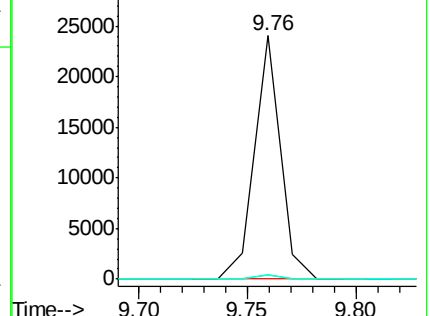
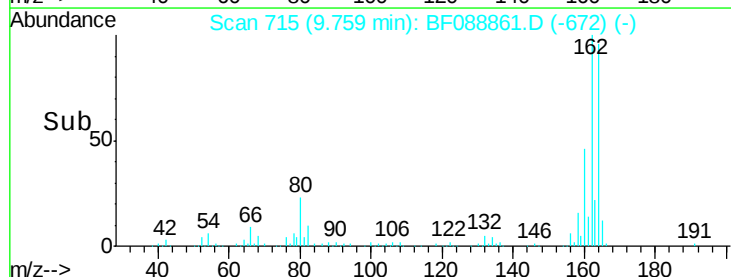
89 1.8 32.2 48.2#

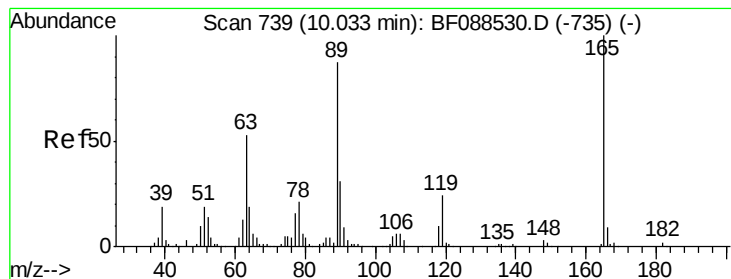


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 6.13 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.19 min

Lab File: BF088861.D

Acq: 9 Jul 2016 9:00

Instrument :

BNA_F

ClientSampleId :

LOCATION-16A

Tgt Ion:165 Resp: 19929

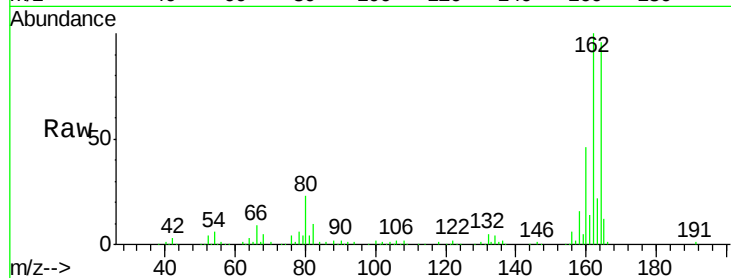
Ion Ratio Lower Upper

165 100

63 1.6 22.0 33.0#

89 1.8 41.1 61.7#

182 0.0 2.0 3.0#

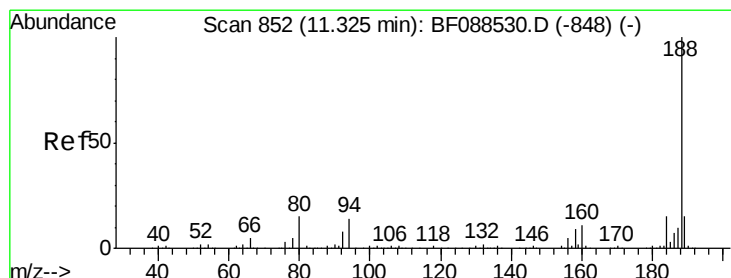
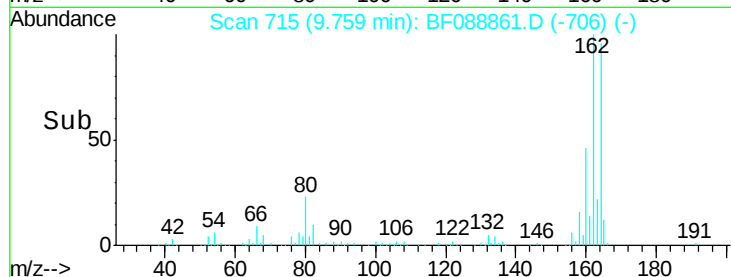
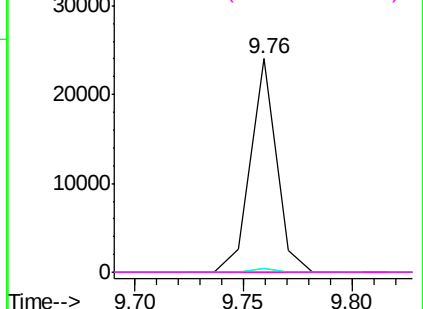


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.23 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF088861.D

Acq: 9 Jul 2016 9:00

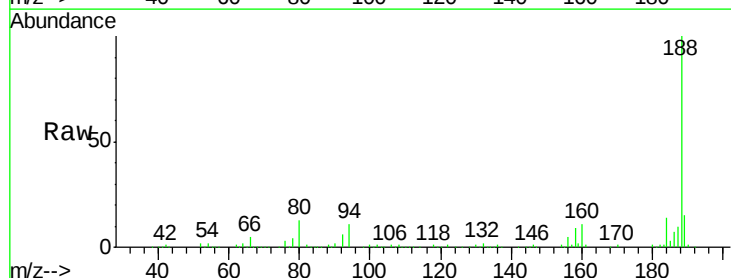
Tgt Ion:188 Resp: 292248

Ion Ratio Lower Upper

188 100

94 11.1 9.0 13.6

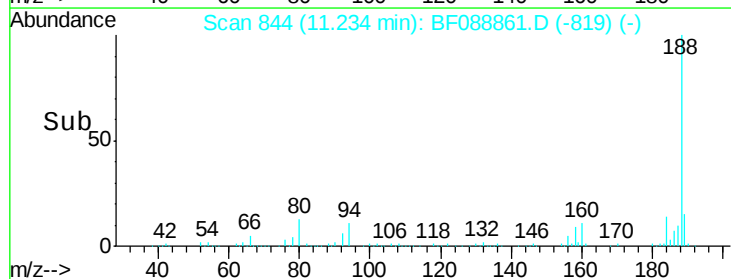
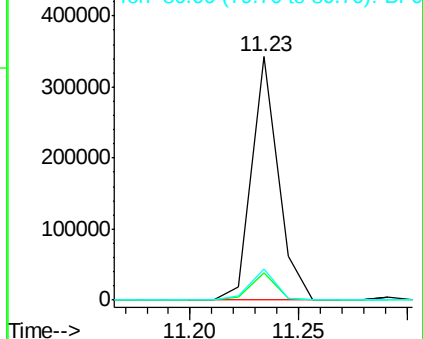
80 12.7 10.0 15.0

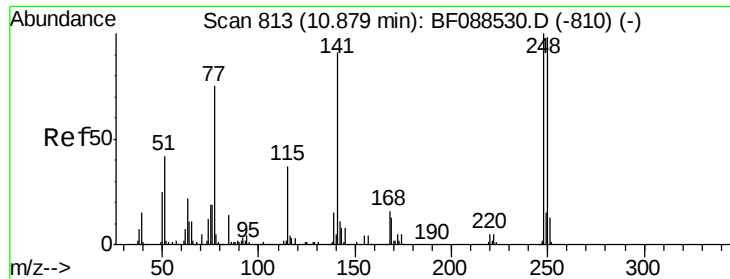


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

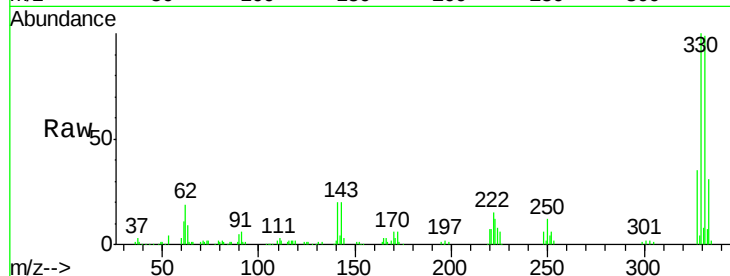




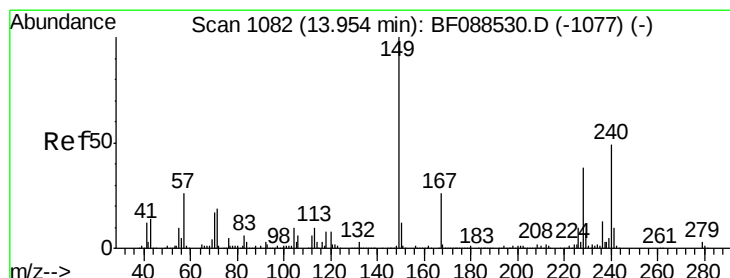
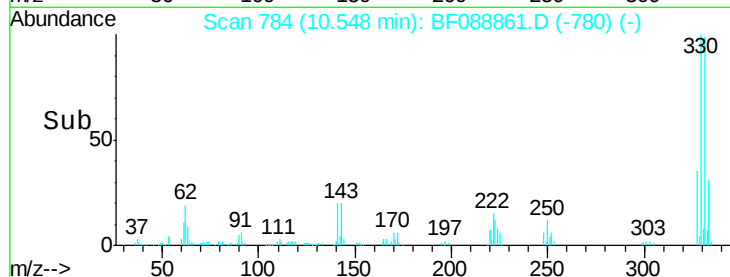
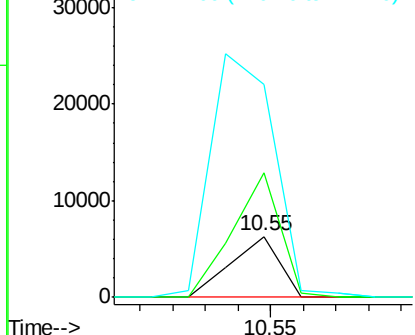
#66
4-Bromophenyl-phenylether
Concen: 2.17 ng
RT: 10.55 min Scan# 784
Delta R.T. -0.25 min
Lab File: BF088861.D
Acq: 9 Jul 2016 9:00

Instrument :
BNA_F
ClientSampleId :
LOCATION-16A

Tgt Ion:248 Resp: 6393
Ion Ratio Lower Upper
248 100
250 205.6 77.1 115.7#
141 350.6 50.6 76.0#

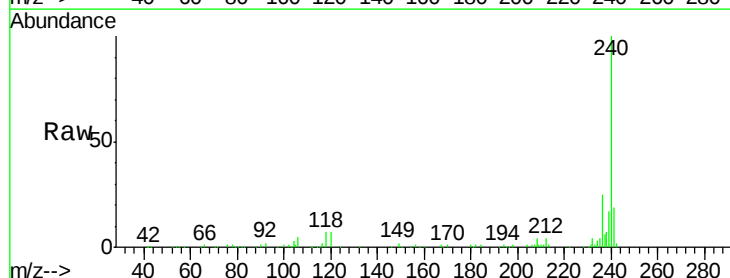


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

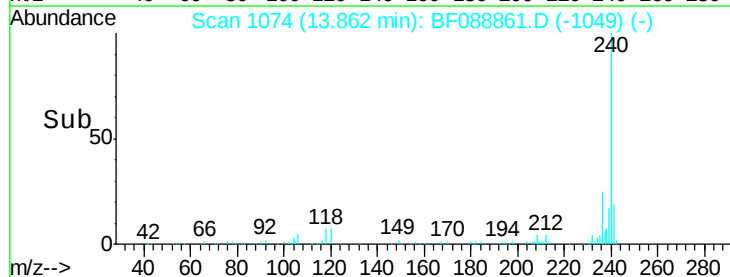
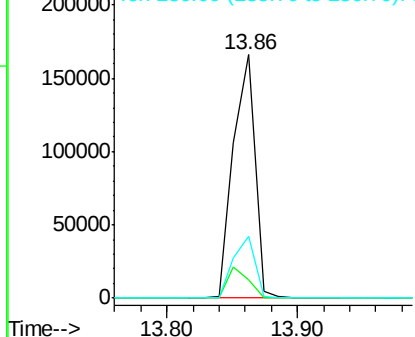


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF088861.D
Acq: 9 Jul 2016 9:00

Tgt Ion:240 Resp: 191903
Ion Ratio Lower Upper
240 100
120 7.5 6.8 10.2
236 25.3 20.2 30.2



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

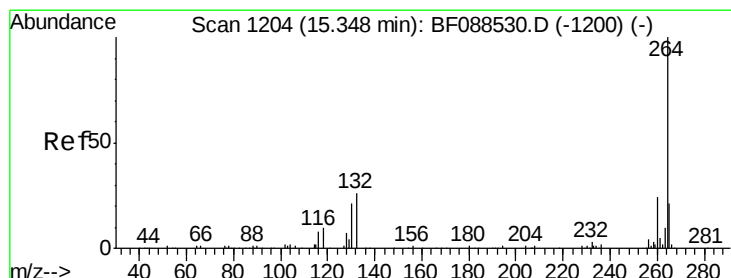
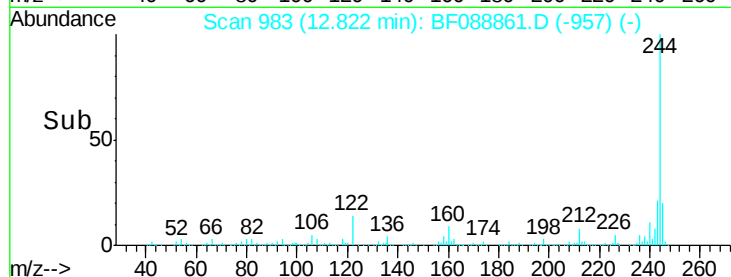
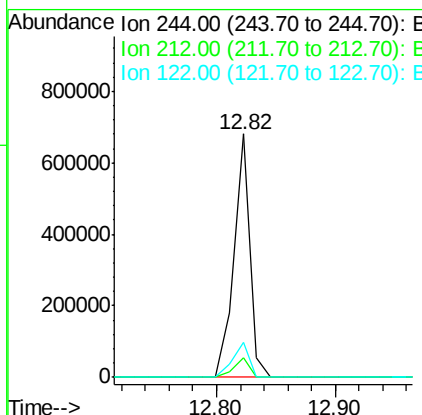
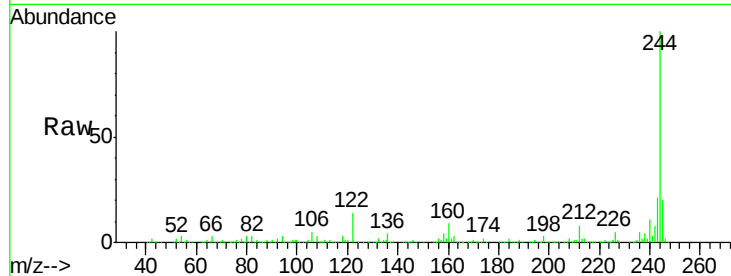




#78
 Terphenyl-d14
 Concen: 73.32 ng
 RT: 12.82 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BF088861.D
 Acq: 9 Jul 2016 9:00

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-16A

Tgt Ion:244 Resp: 631743
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.0 9.0
 122 14.3 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF088861.D
 Acq: 9 Jul 2016 9:00

Tgt Ion:264 Resp: 171230
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 20.9 16.9 25.3

