

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088656.D
 Acq On : 3 Jul 2016 19:26
 Operator : UM/SJ
 Sample : H3784-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 05:00:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

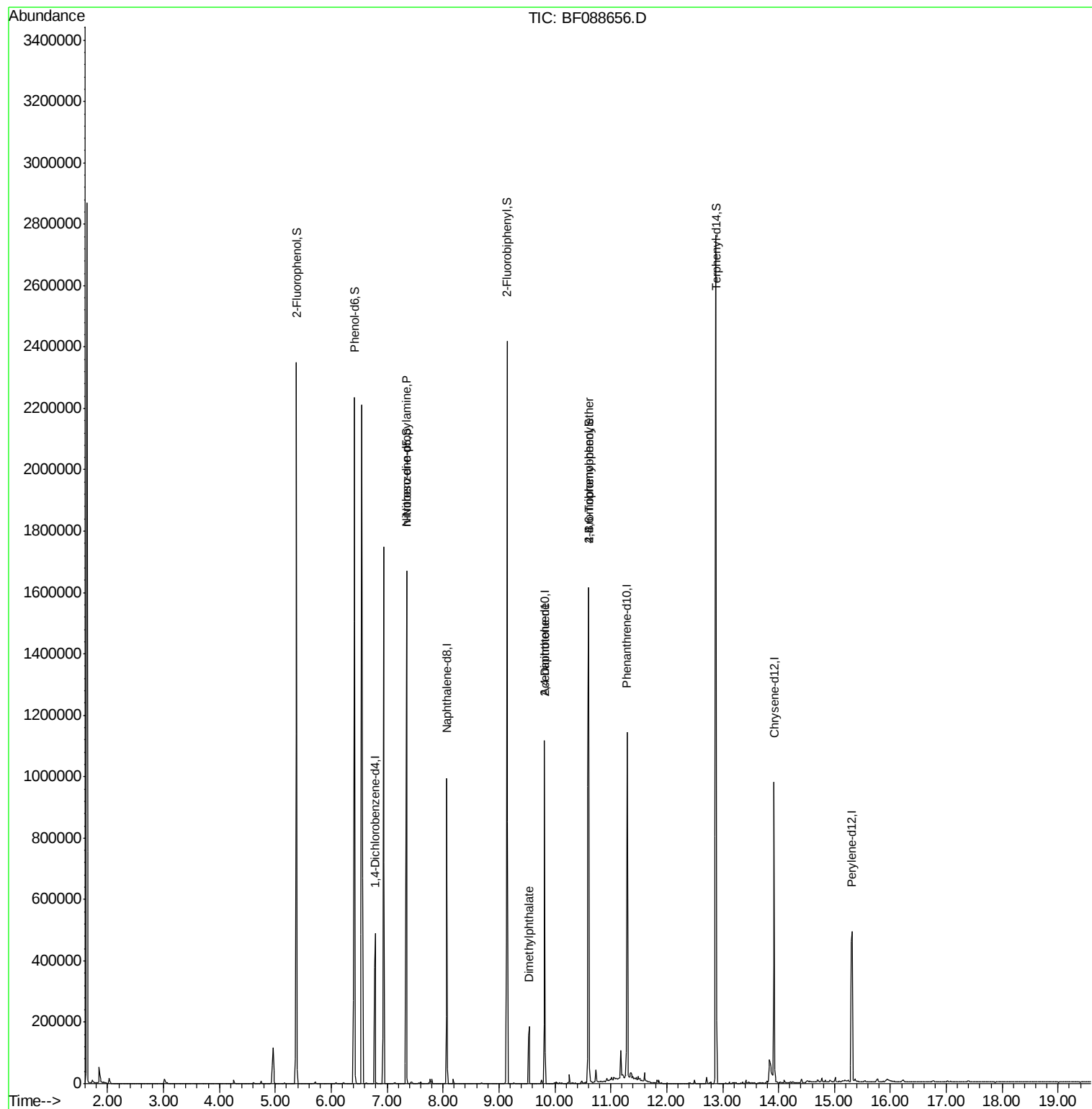
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	100466	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	425145	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	203030	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	379657	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	334072	20.00	ng	-0.03
86) Perylene-d12	15.31	264	264480	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	696412	103.89	ng	-0.02
7) Phenol-d6	6.42	99	1019102	117.65	ng	-0.02
23) Nitrobenzene-d5	7.35	82	622514	76.73	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	228103	120.99	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	860638	66.96	ng	-0.03
78) Terphenyl-d14	12.88	244	802895	53.53	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	83557	14.36	ng	# 70
49) Dimethylphthalate	9.54	163	111589	7.71	ng	98
56) 2,4-Dinitrotoluene	9.82	165	25687	6.13	ng	# 38
66) 4-Bromophenyl-phenylether	10.60	248	15884	4.15	ng	# 1

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

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QLast Update : Thu Jun 30 18:01:55 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF088656.D

Acq: 3 Jul 2016 19:26

Instrument :

BNA_F

ClientSampleId :

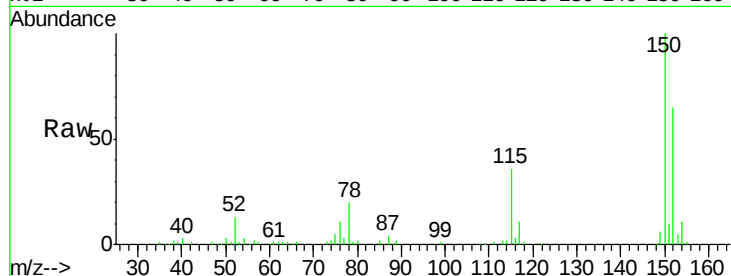
Tot Ion:152 Resp: 100466

Ion Ratio Lower Upper

152 100

150 153.1 123.8 185.6

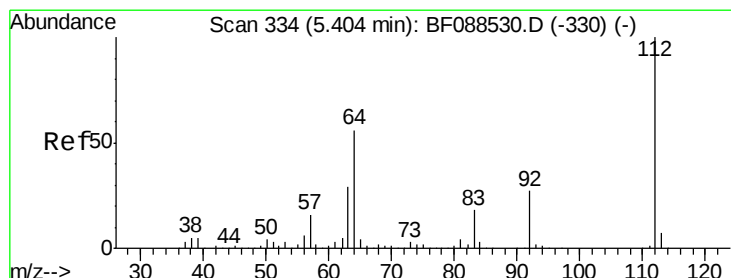
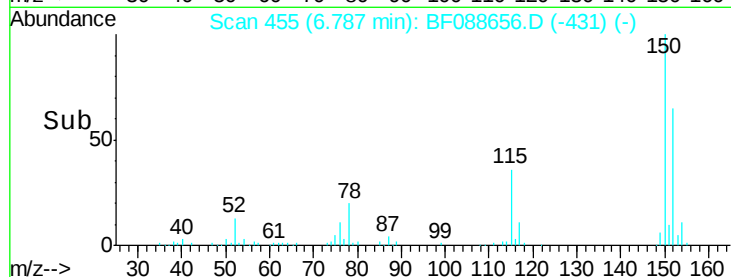
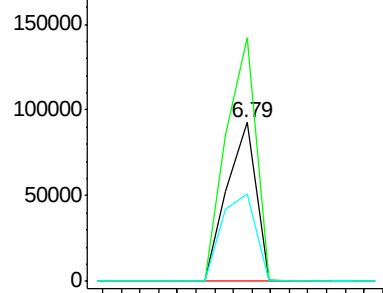
115 54.8 39.6 59.4



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: 103.89 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.02 min

Lab File: BF088656.D

Acq: 3 Jul 2016 19:26

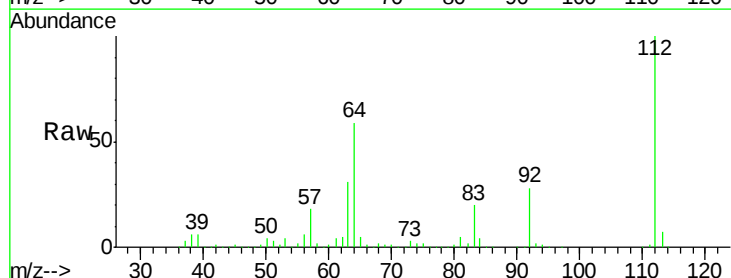
Tgt Ion:112 Resp: 696412

Ion Ratio Lower Upper

112 100

64 59.1 42.2 63.2

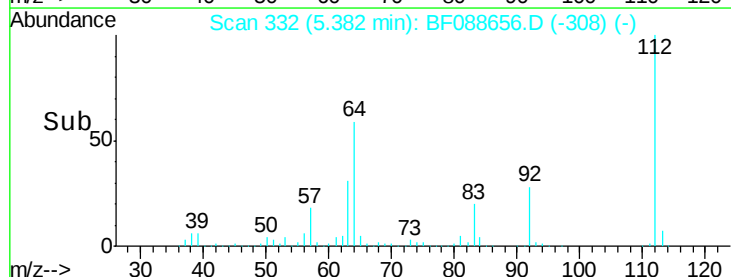
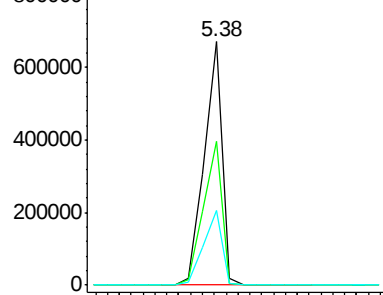
63 30.9 21.8 32.8



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: 117.65 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088656.D

Acq: 3 Jul 2016 19:26

Instrument :

BNA_F

ClientSampleId :

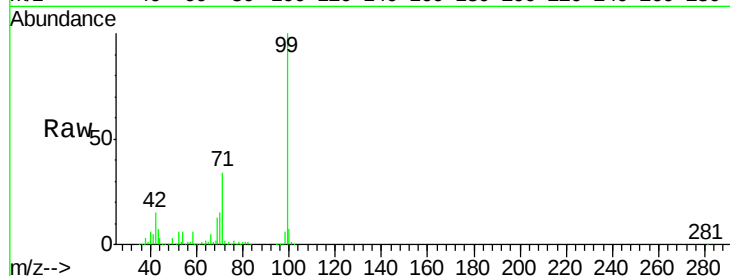
Tot Ion: 99 Resp: 1019102

Ion Ratio Lower Upper

99 100

42 15.2 12.2 18.2

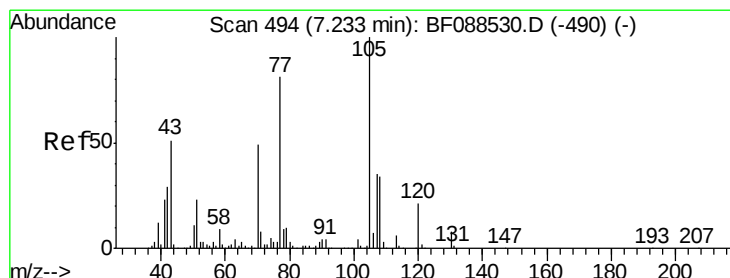
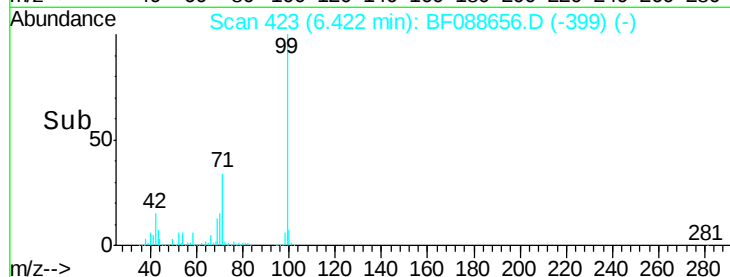
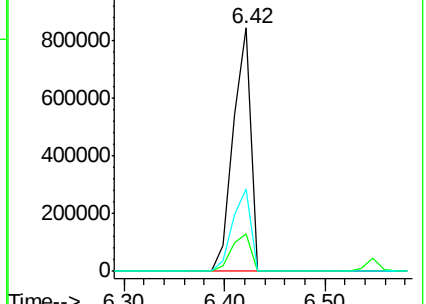
71 34.1 23.4 35.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.36 ng

RT: 7.35 min Scan# 504

Delta R.T. 0.11 min

Lab File: BF088656.D

Acq: 3 Jul 2016 19:26

Tgt Ion: 70 Resp: 83557

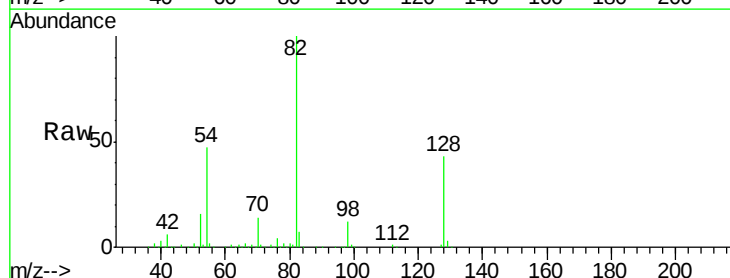
Ion Ratio Lower Upper

70 100

42 40.7 49.6 74.4#

101 0.0 7.1 10.7#

130 2.0 15.4 23.2#

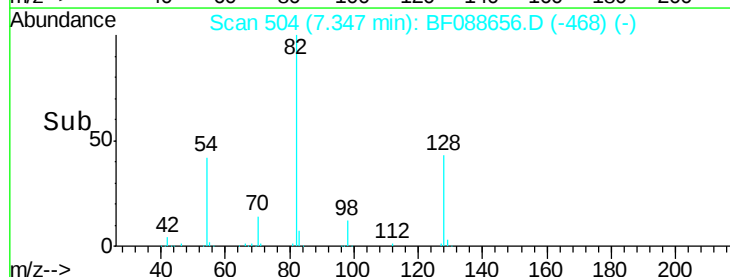
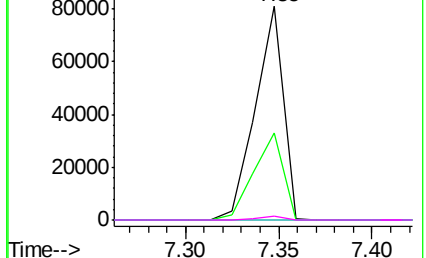


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 567

Delta R.T. -0.03 min

Lab File: BF088656.D

Acq: 3 Jul 2016 19:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 425145

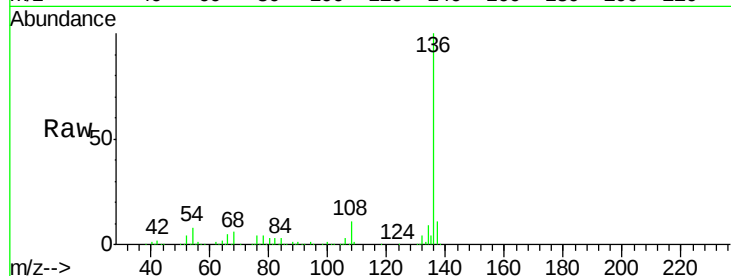
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.7 6.6 10.0

68 6.4 5.1 7.7

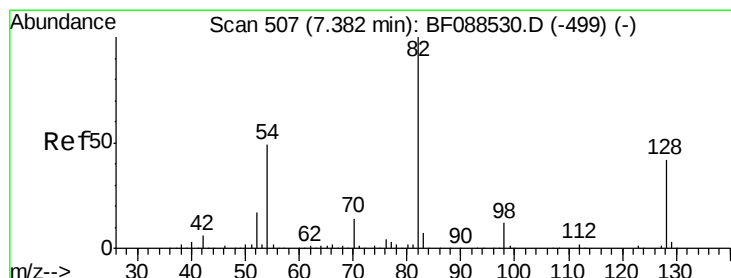
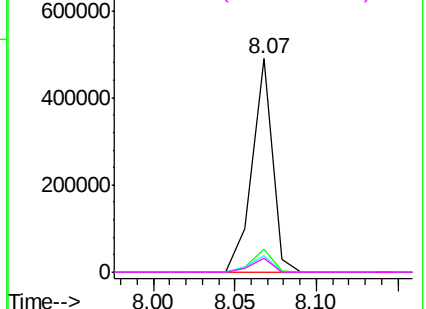
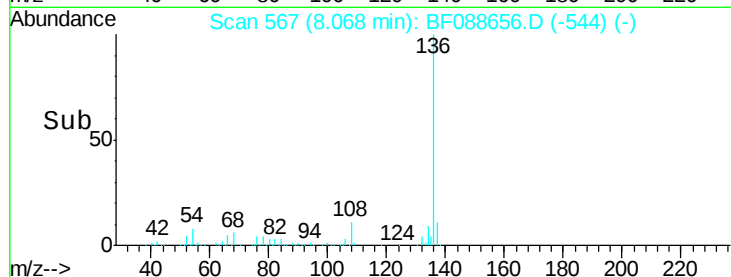


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 76.73 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.03 min

Lab File: BF088656.D

Acq: 3 Jul 2016 19:26

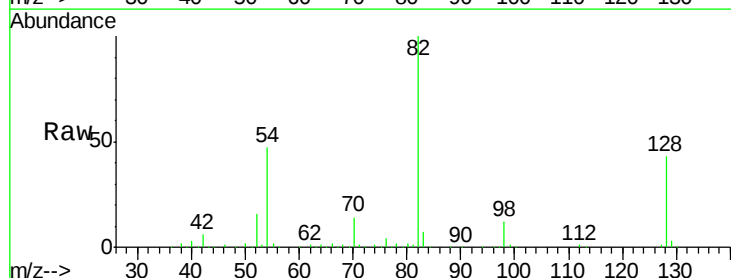
Tgt Ion: 82 Resp: 622514

Ion Ratio Lower Upper

82 100

128 43.0 35.9 53.9

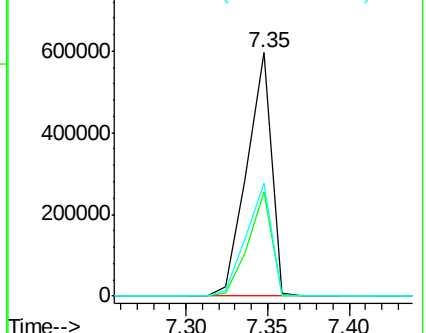
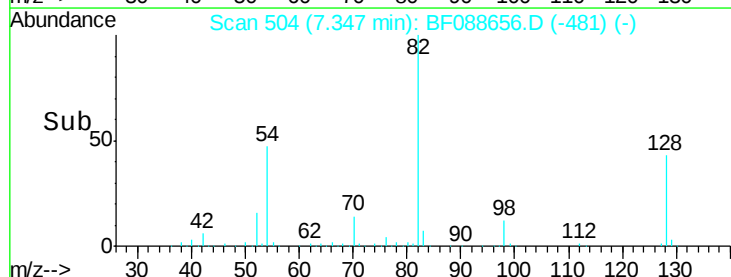
54 46.5 40.9 61.3

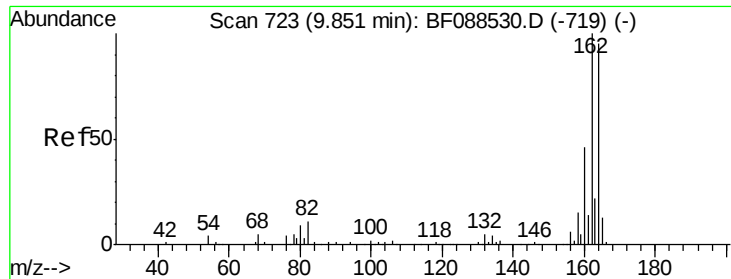


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF088656.D

Acq: 3 Jul 2016 19:26

Instrument :

BNA_F

ClientSampleId :

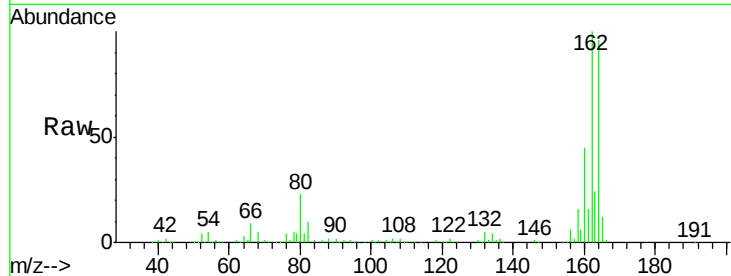
Tot Ion:164 Resp: 203030

Ion Ratio Lower Upper

164 100

162 103.9 85.4 128.2

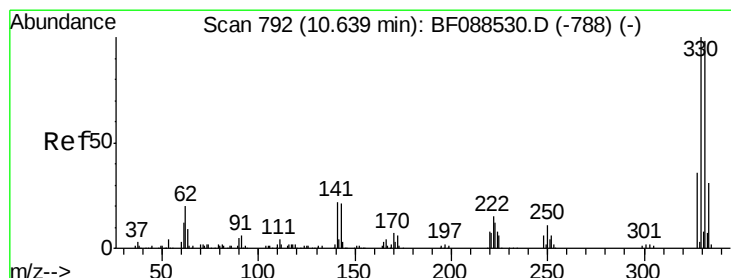
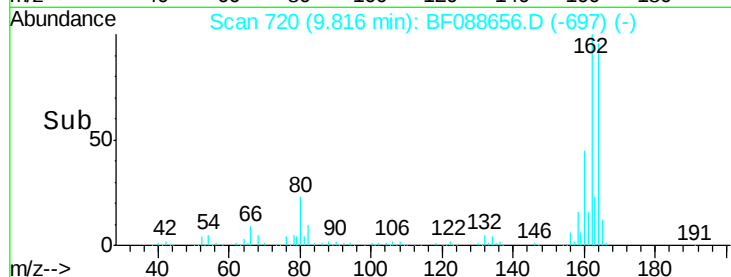
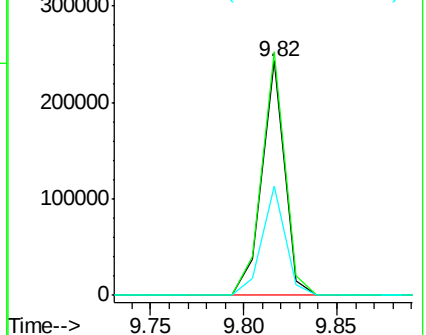
160 46.7 39.5 59.3



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: 120.99 ng

RT: 10.60 min Scan# 789

Delta R.T. -0.03 min

Lab File: BF088656.D

Acq: 3 Jul 2016 19:26

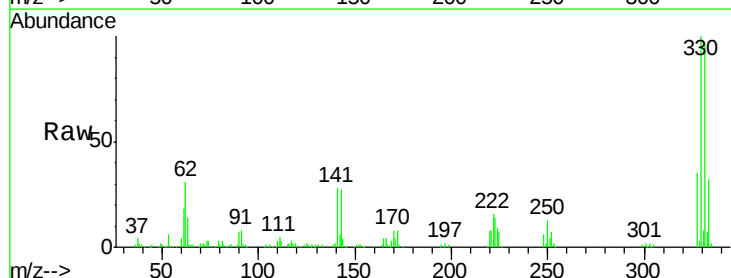
Tgt Ion:330 Resp: 228103

Ion Ratio Lower Upper

330 100

332 96.2 0.0 0.0#

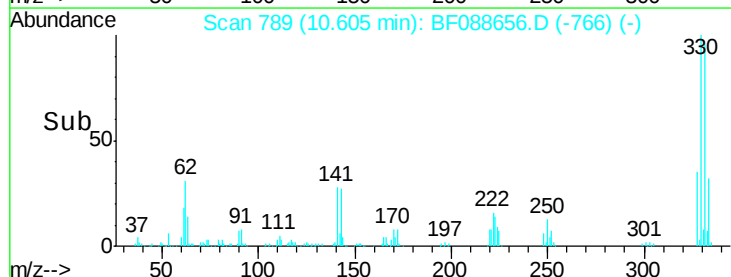
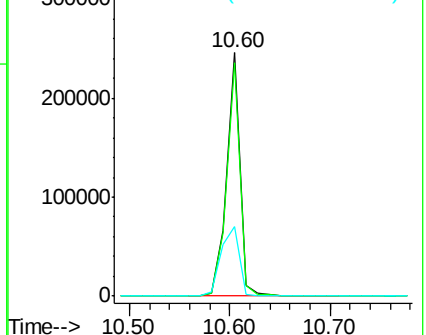
141 39.0 0.0 0.0#



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

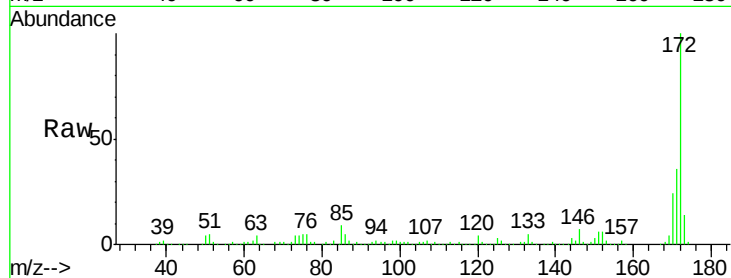




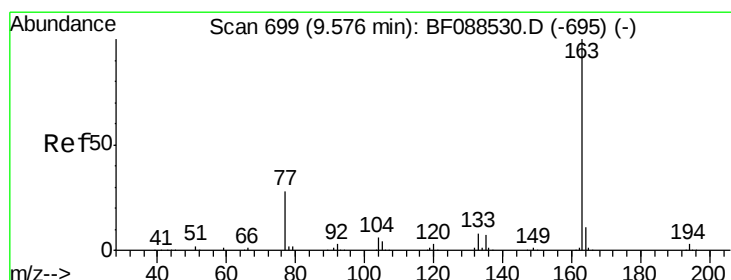
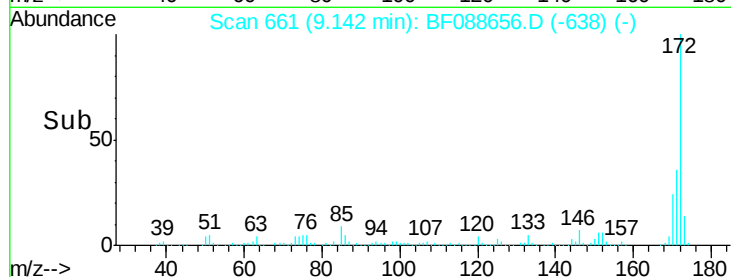
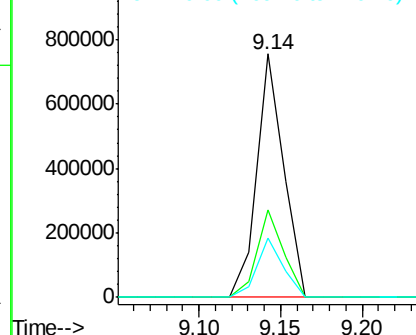
#44
2-Fluorobiphenyl
Concen: 66.96 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF088656.D
Acq: 3 Jul 2016 19:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 860638
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.2 19.2 28.8

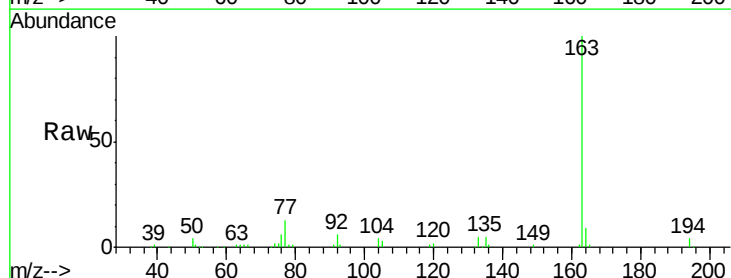


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

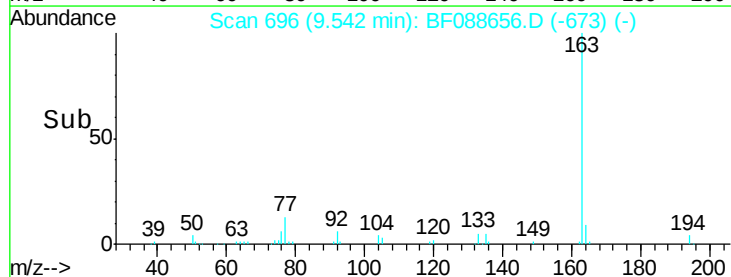
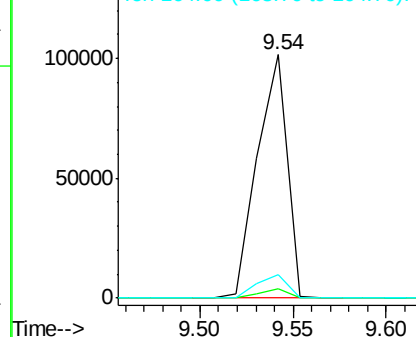


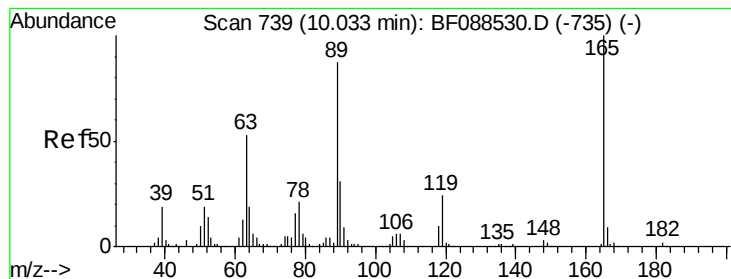
#49
Dimethylphthalate
Concen: 7.71 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF088656.D
Acq: 3 Jul 2016 19:26

Tgt Ion:163 Resp: 111589
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 9.5 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





#56

2,4-Dinitrotoluene

Concen: 6.13 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.22 min

Lab File: BF088656.D

Acq: 3 Jul 2016 19:26

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 25687

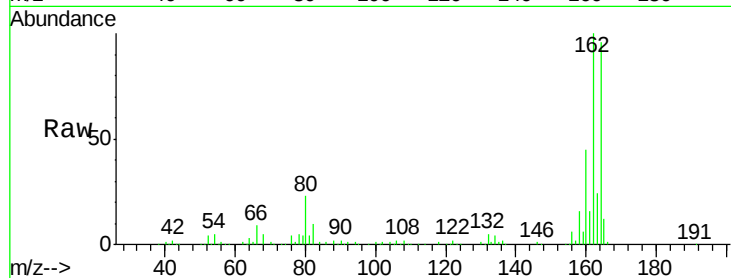
Ion Ratio Lower Upper

165 100

63 1.1 22.0 33.0#

89 1.8 41.1 61.7#

182 0.0 2.0 3.0#

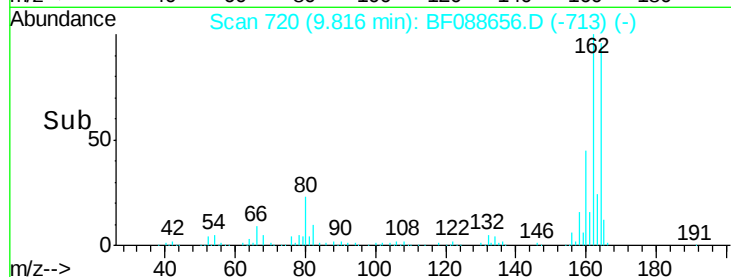


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

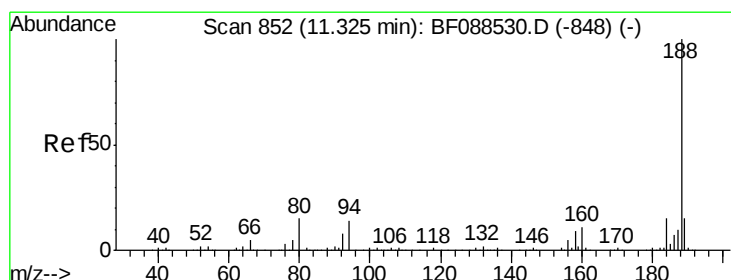
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Abundance

Time--> 9.75 9.80 9.85



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 849

Delta R.T. -0.03 min

Lab File: BF088656.D

Acq: 3 Jul 2016 19:26

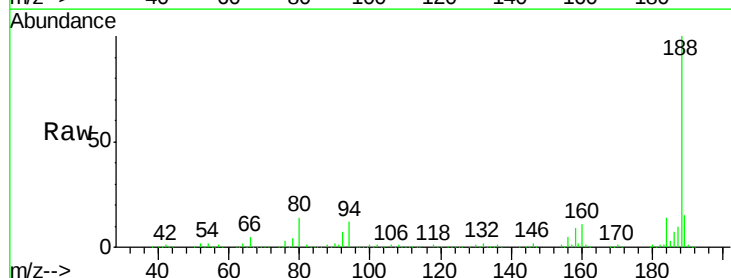
Tgt Ion:188 Resp: 379657

Ion Ratio Lower Upper

188 100

94 12.2 9.0 13.6

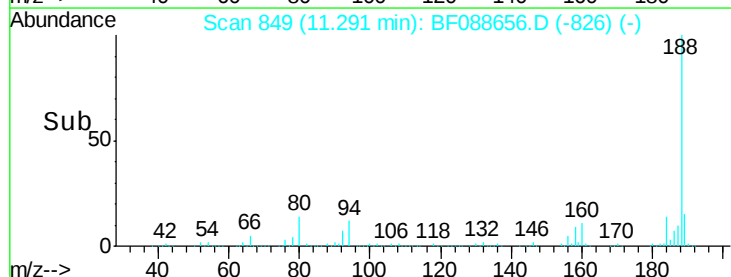
80 13.8 10.0 15.0



Abundance Ion 188.00 (187.70 to 188.70): E

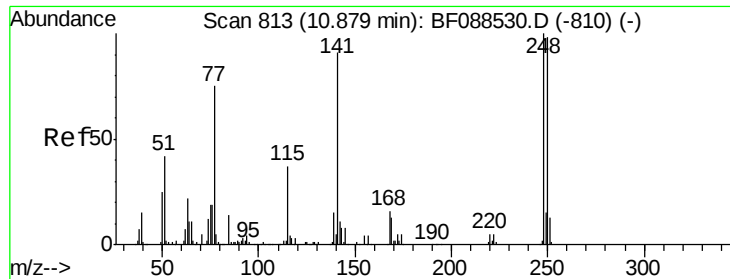
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Abundance

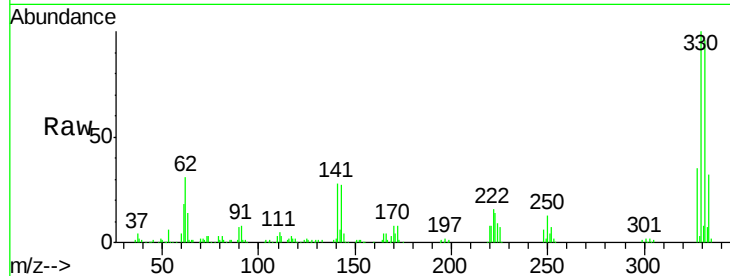
Time--> 11.25 11.30 11.35



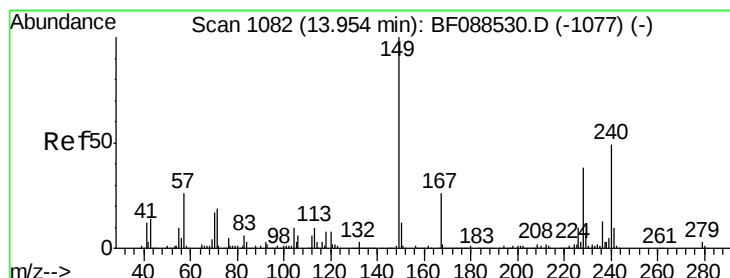
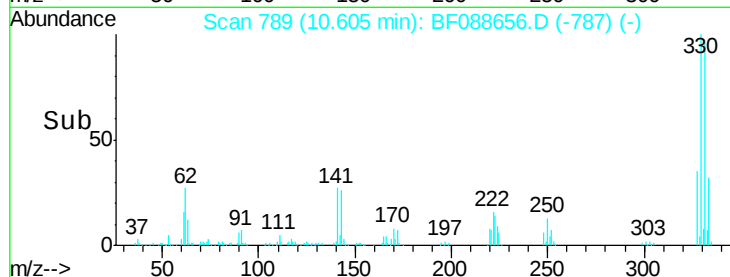
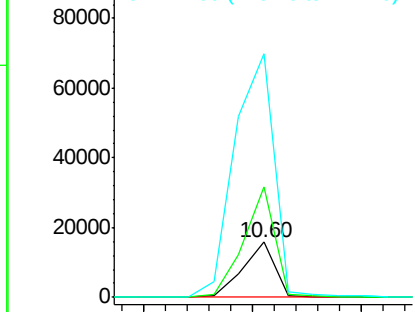
#66
4-Bromophenyl-phenylether
Concen: 4.15 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.27 min
Lab File: BF088656.D
Acq: 3 Jul 2016 19:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 15884
Ion Ratio Lower Upper
248 100
250 199.8 77.1 115.7#
141 442.2 50.6 76.0#

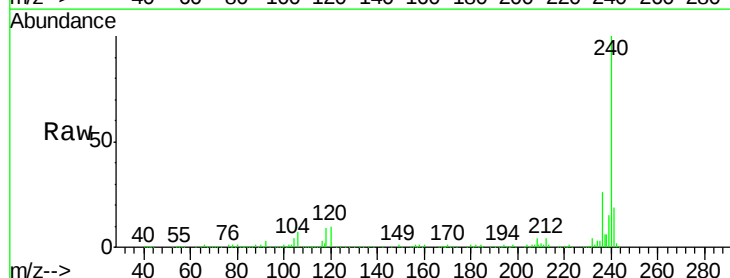


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

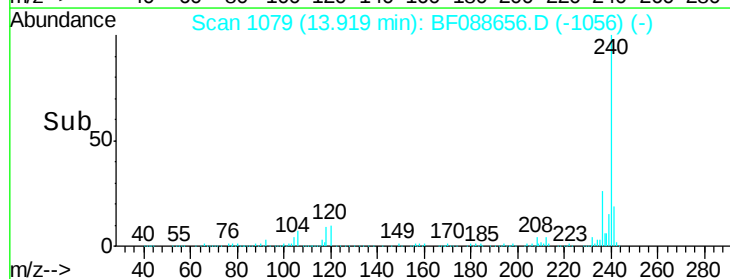
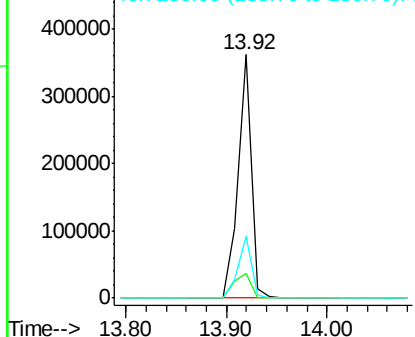


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.03 min
Lab File: BF088656.D
Acq: 3 Jul 2016 19:26

Tgt Ion:240 Resp: 334072
Ion Ratio Lower Upper
240 100
120 10.1 6.8 10.2
236 25.7 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

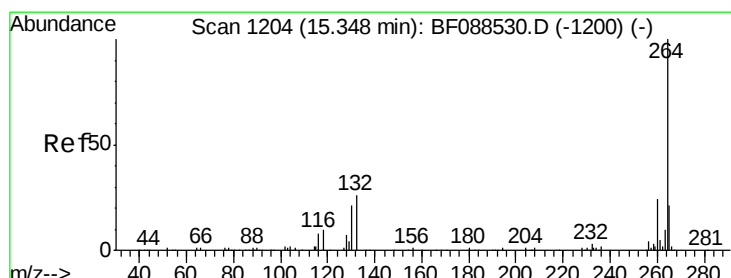
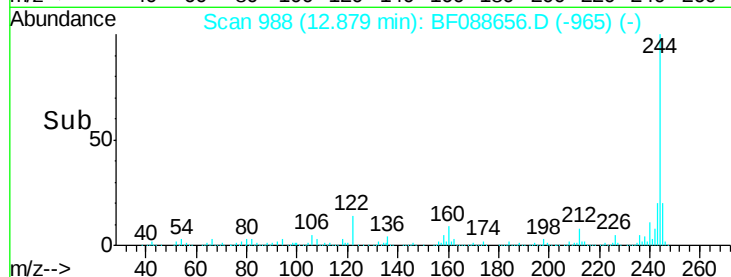
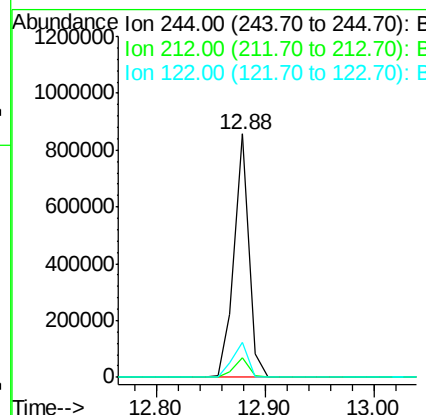
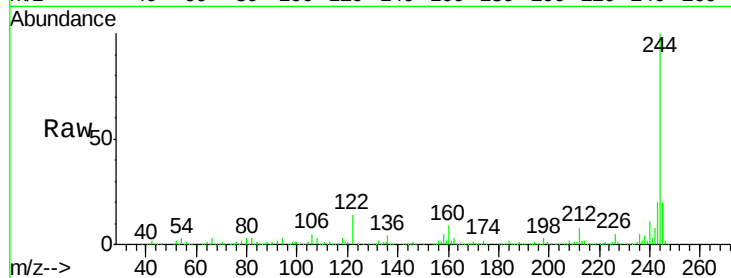




#78
 Terphenyl-d14
 Concen: 53.53 ng
 RT: 12.88 min Scan# 988
 Delta R.T. -0.03 min
 Lab File: BF088656.D
 Acq: 3 Jul 2016 19:26

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:244 Resp: 802895
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 14.5 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1201
 Delta R.T. -0.03 min
 Lab File: BF088656.D
 Acq: 3 Jul 2016 19:26

Tgt Ion:264 Resp: 264480
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 20.7 16.9 25.3

