

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070616\
 Data File : BF088761.D
 Acq On : 7 Jul 2016 4:18
 Operator : UM/SJ
 Sample : H3879-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C2.1-05

Quant Time: Jul 07 06:40:56 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 01:24:07 2016
 Response via : Initial Calibration

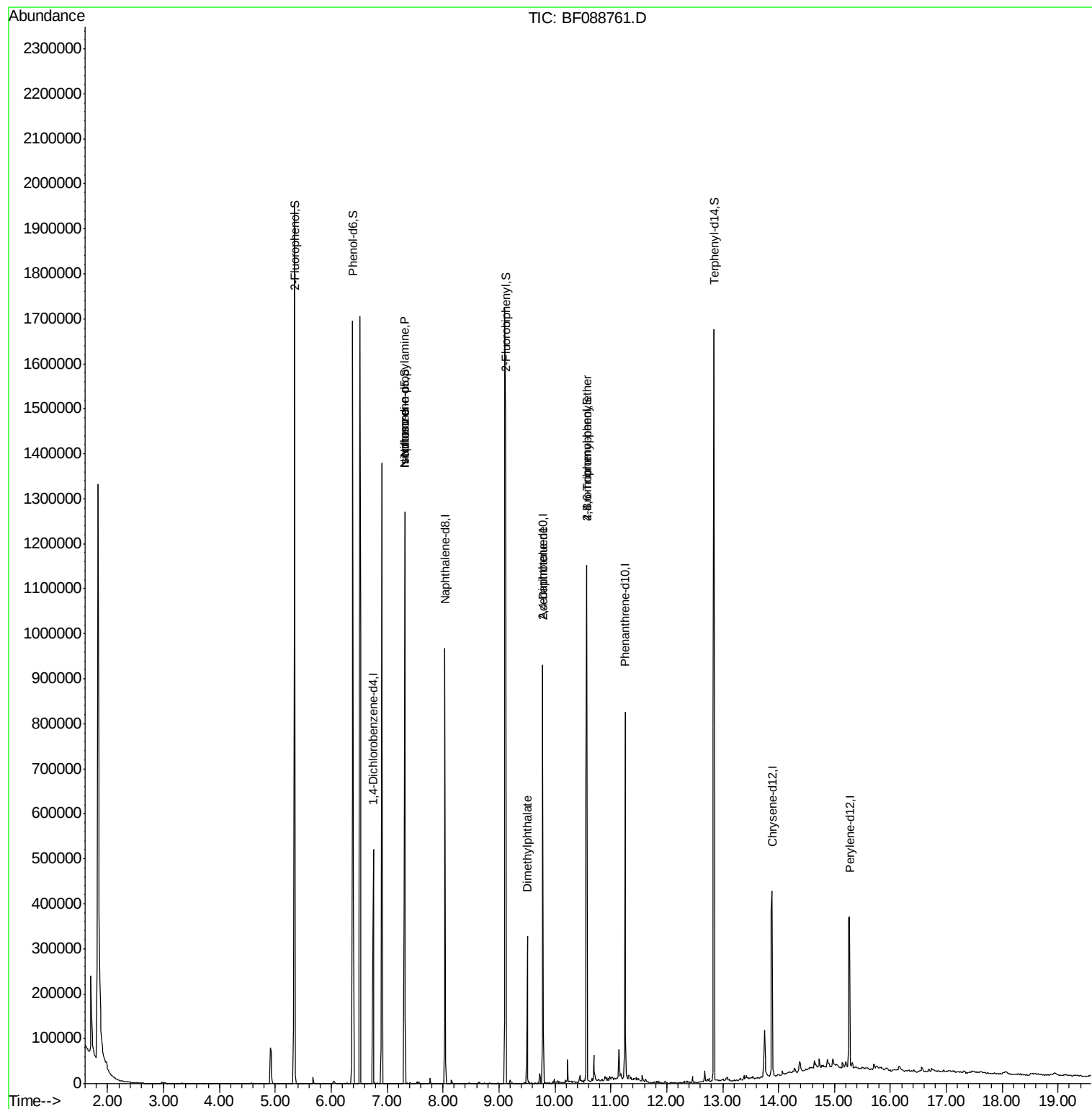
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	94204	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	386548	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	163376	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	259733	20.00	ng	0.00
75) Chrysene-d12	13.89	240	183323	20.00	ng	0.00
86) Perylene-d12	15.27	264	179046	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	621217	98.83	ng	0.01
7) Phenol-d6	6.39	99	695654	85.65	ng	0.00
23) Nitrobenzene-d5	7.31	82	441369	59.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	152809	100.72	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	791828	76.56	ng	0.00
78) Terphenyl-d14	12.85	244	552583	67.14	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.31	70	59931	10.99	ng	# 73
25) Isophorone	7.31	82	342715	25.08	ng	# 65
49) Dimethylphthalate	9.51	163	129707	11.14	ng	98
56) 2,4-Dinitrotoluene	9.78	165	20909	6.20	ng	# 38
66) 4-Bromophenyl-phenylether	10.57	248	10754	4.11	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: 6.75 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF088761.D

Acq: 7 Jul 2016 4:18

Instrument :

BNA_F

ClientSampleId :

C2.1-05

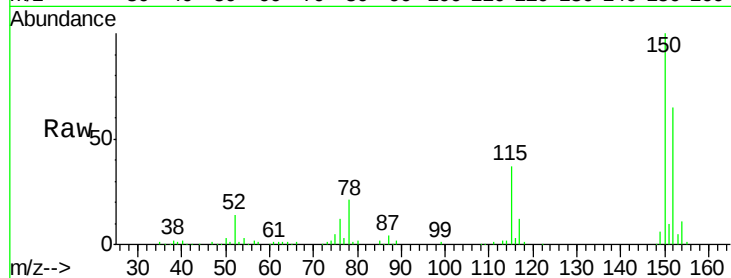
Tgt Ion:152 Resp: 94204

Ion Ratio Lower Upper

152 100

150 154.0 123.8 185.6

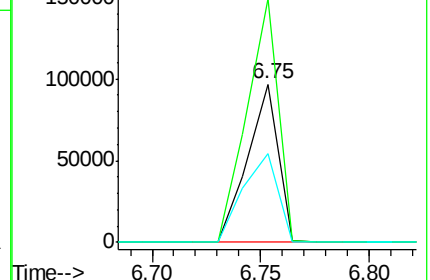
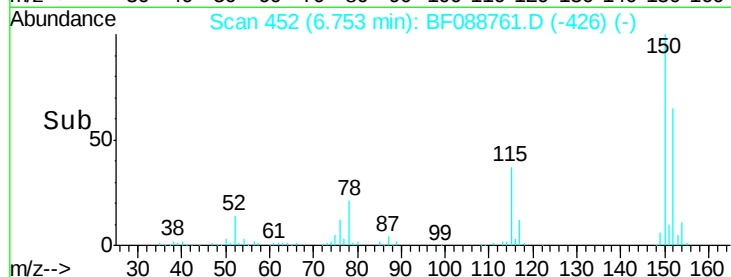
115 56.5 39.6 59.4



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: 98.83 ng

RT: 5.35 min Scan# 329

Delta R.T. 0.01 min

Lab File: BF088761.D

Acq: 7 Jul 2016 4:18

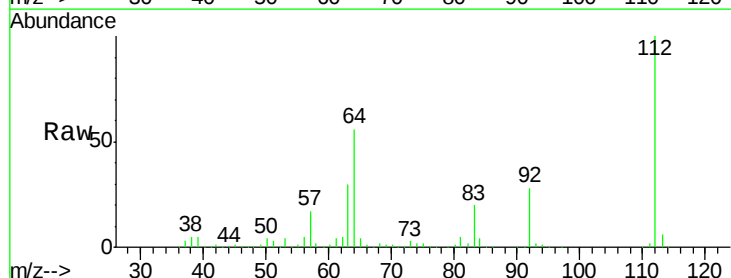
Tgt Ion:112 Resp: 621217

Ion Ratio Lower Upper

112 100

64 56.3 42.2 63.2

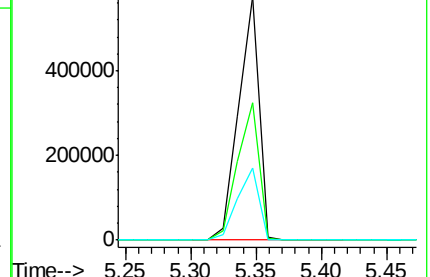
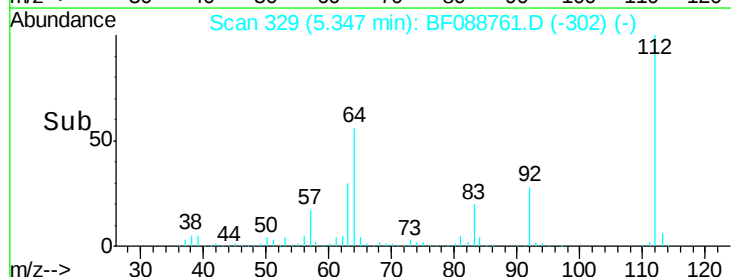
63 29.8 21.8 32.8



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: 85.65 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF088761.D

Acq: 7 Jul 2016 4:18

Instrument :

BNA_F

ClientSampleId :

C2.1-05

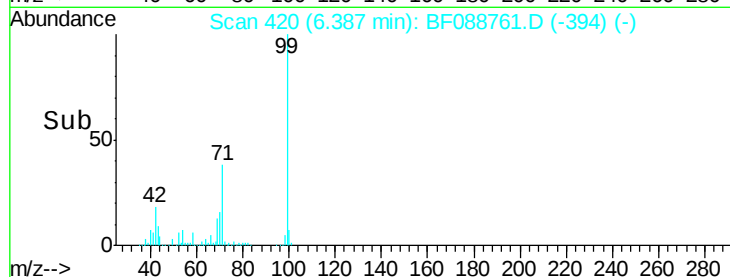
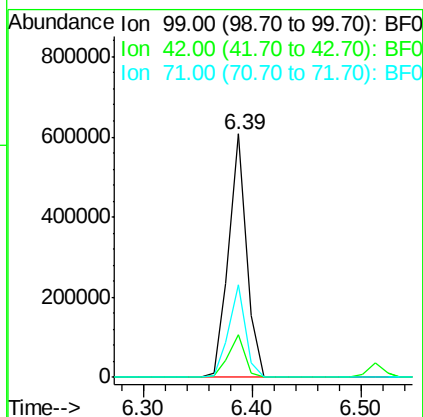
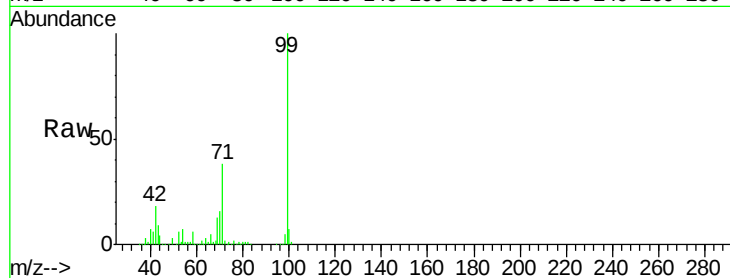
Tgt Ion: 99 Resp: 695654

Ion Ratio Lower Upper

99 100

42 17.6 12.2 18.2

71 37.9 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 10.99 ng

RT: 7.31 min Scan# 501

Delta R.T. 0.14 min

Lab File: BF088761.D

Acq: 7 Jul 2016 4:18

Tgt Ion: 70 Resp: 59931

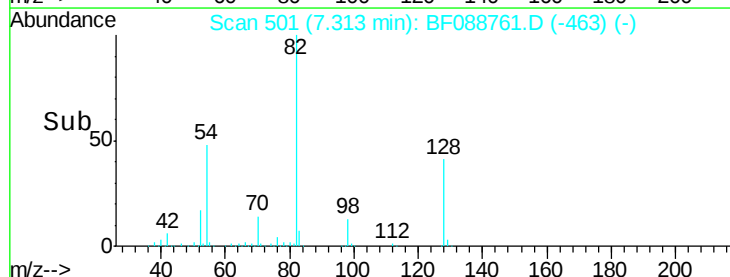
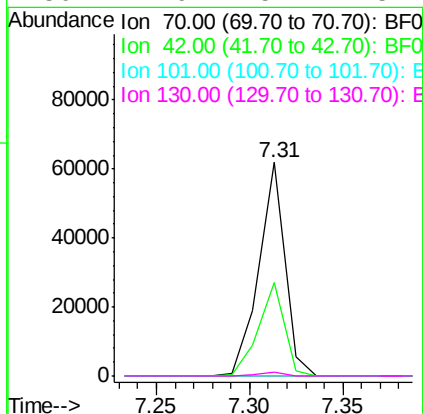
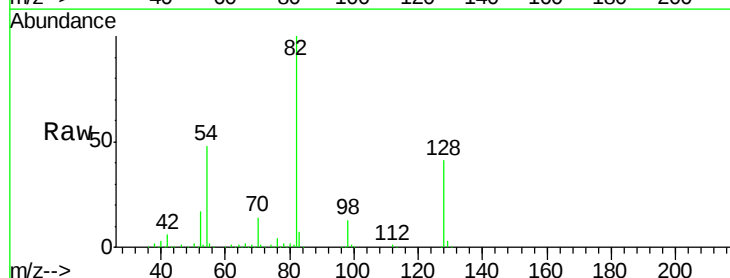
Ion Ratio Lower Upper

70 100

42 43.9 49.6 74.4#

101 0.0 7.1 10.7#

130 1.9 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF088761.D

Acq: 7 Jul 2016 4:18

Instrument :

BNA_F

ClientSampleId :

C2.1-05

Tgt Ion:136 Resp: 386548

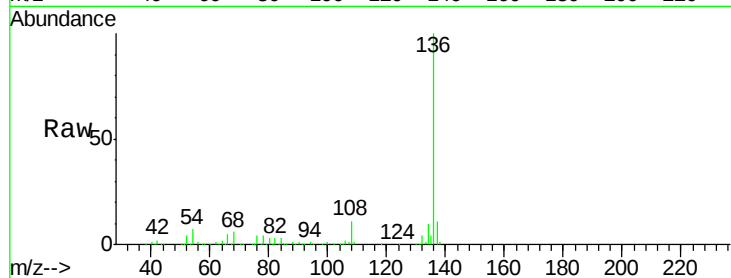
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.3 6.6 10.0

68 5.9 5.1 7.7

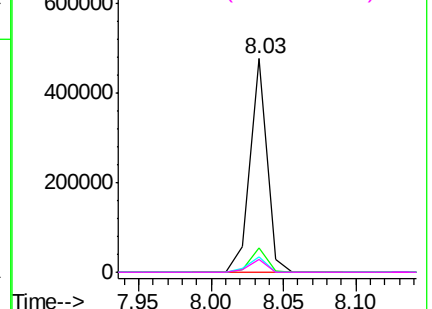
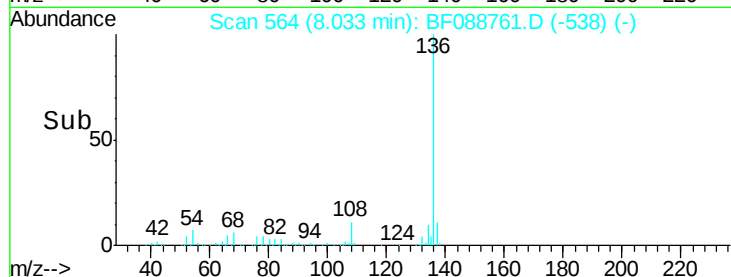


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.84 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.01 min

Lab File: BF088761.D

Acq: 7 Jul 2016 4:18

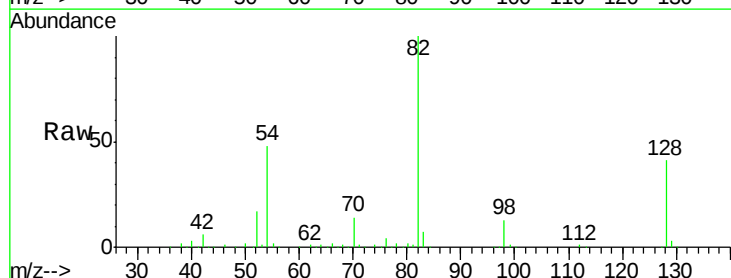
Tgt Ion: 82 Resp: 441369

Ion Ratio Lower Upper

82 100

128 40.8 35.9 53.9

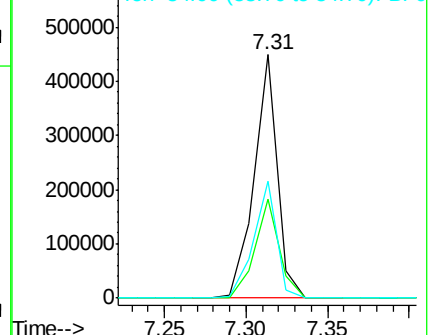
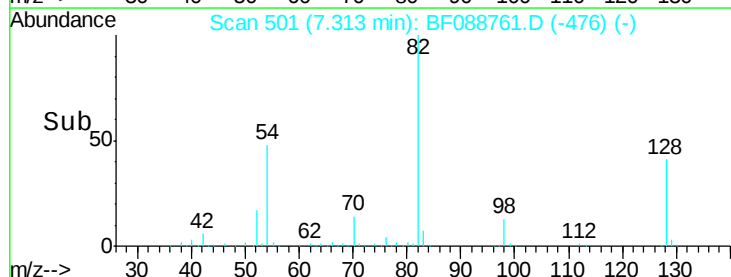
54 48.0 40.9 61.3

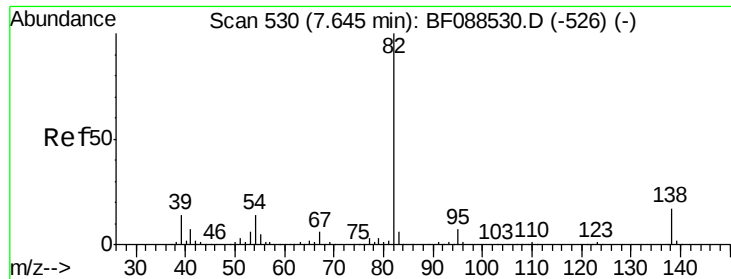


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 25.08 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.26 min

Lab File: BF088761.D

Acq: 7 Jul 2016 4:18

Instrument :

BNA_F

ClientSampleId :

C2.1-05

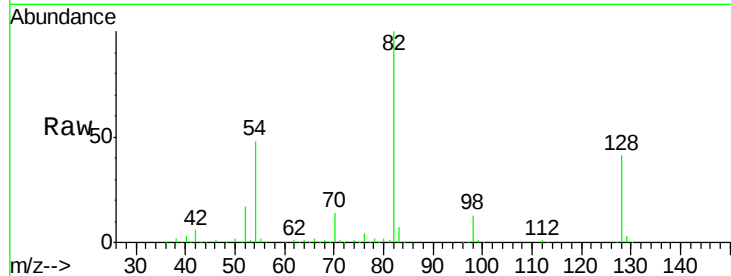
Tgt Ion: 82 Resp: 342715

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

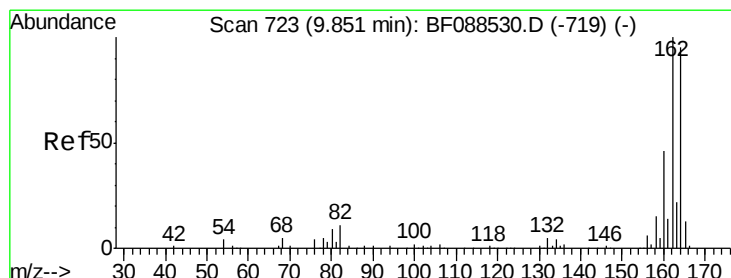
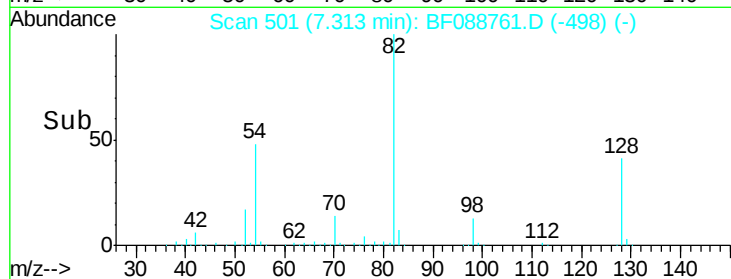
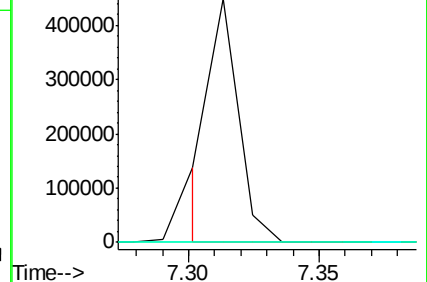
138 0.0 14.6 21.8#



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: 9.78 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF088761.D

Acq: 7 Jul 2016 4:18

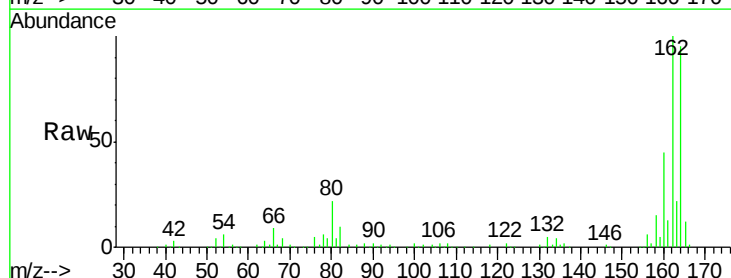
Tgt Ion: 164 Resp: 163376

Ion Ratio Lower Upper

164 100

162 105.2 85.4 128.2

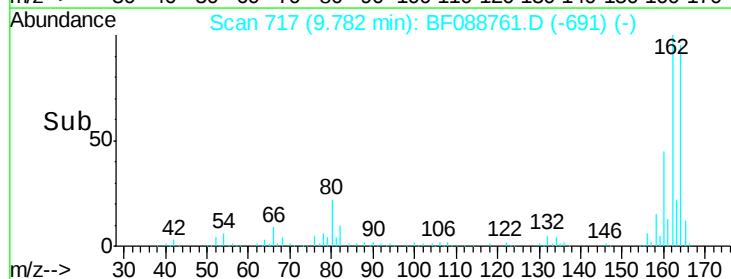
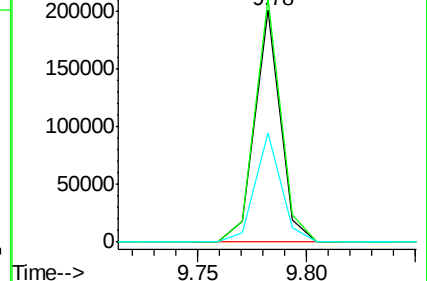
160 47.2 39.5 59.3



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

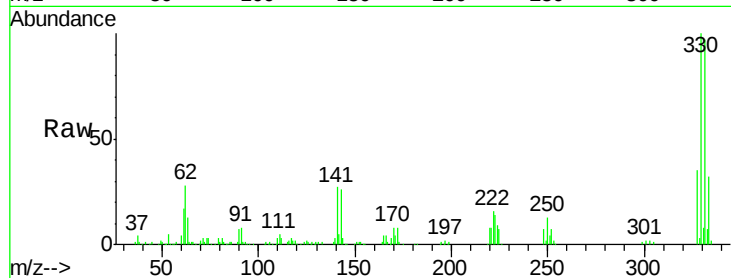




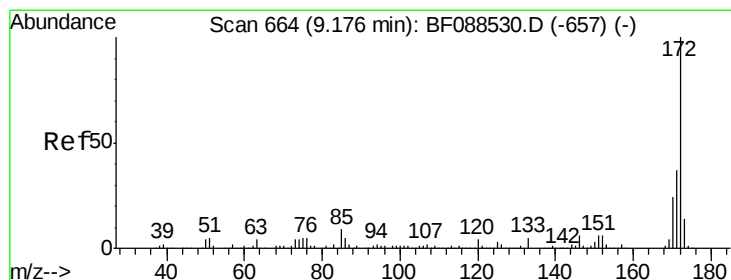
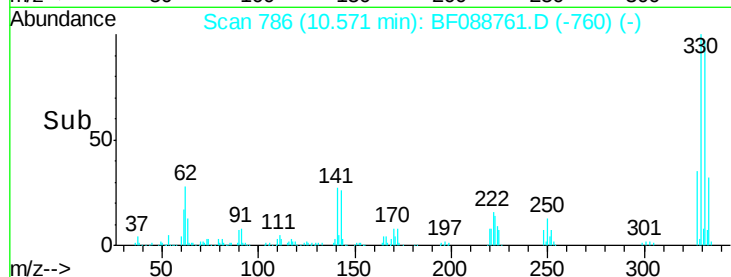
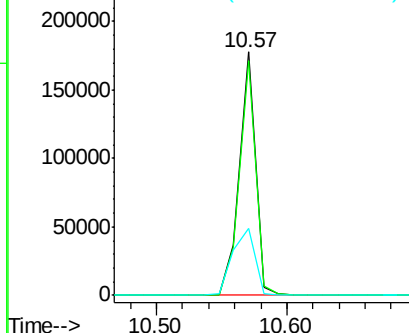
#41
 2,4,6-Tribromophenol
 Concen: 100.72 ng
 RT: 10.57 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF088761.D
 Acq: 7 Jul 2016 4:18

Instrument :
 BNA_F
 ClientSampleId :
 C2.1-05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	37.8	0.0	0.0#

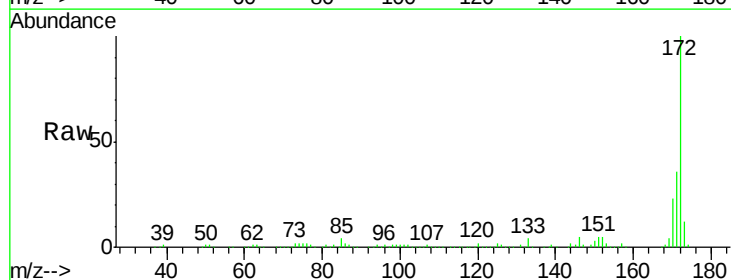


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

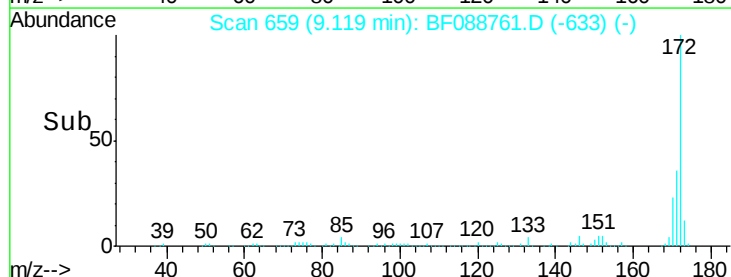
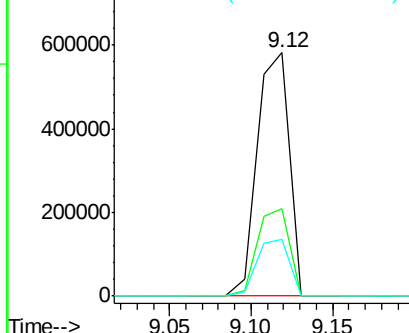


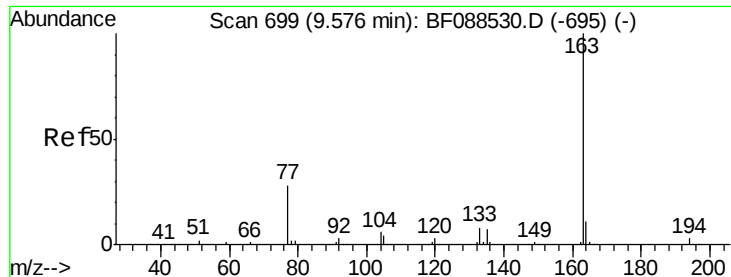
#44
 2-Fluorobiphenyl
 Concen: 76.56 ng
 RT: 9.12 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: BF088761.D
 Acq: 7 Jul 2016 4:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.5	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: 11.14 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF088761.D

Acq: 7 Jul 2016 4:18

Instrument :

BNA_F

ClientSampleId :

C2.1-05

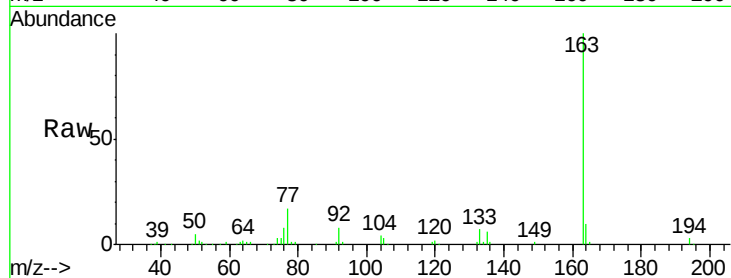
Tgt Ion:163 Resp: 129707

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

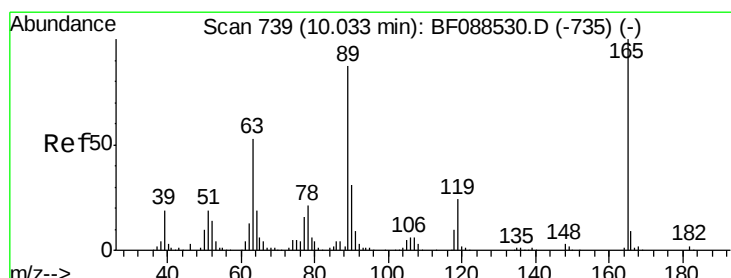
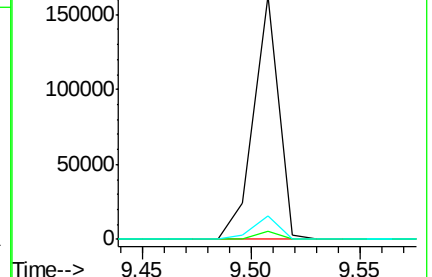
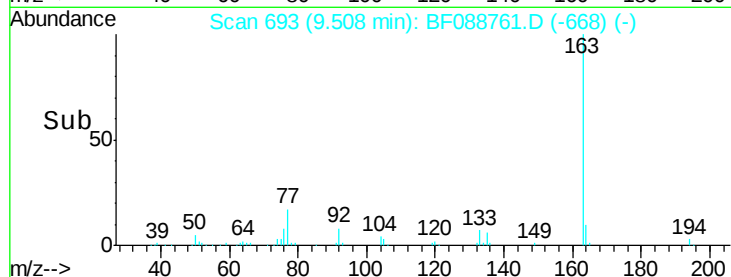
164 9.6 8.3 12.5



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



#56

2,4-Dinitrotoluene

Concen: 6.20 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.19 min

Lab File: BF088761.D

Acq: 7 Jul 2016 4:18

Tgt Ion:165 Resp: 20909

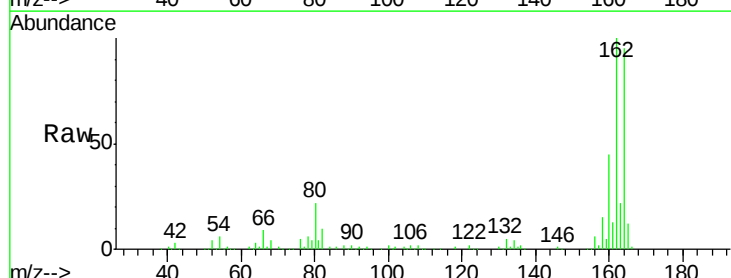
Ion Ratio Lower Upper

165 100

63 1.3 22.0 33.0#

89 1.4 41.1 61.7#

182 0.0 2.0 3.0#

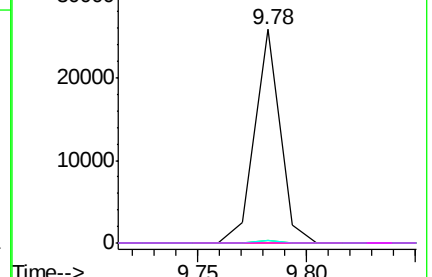
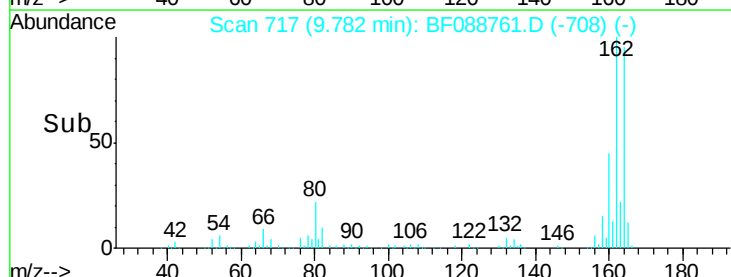


Abundance Ion 165.00 (164.70 to 165.70): E

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

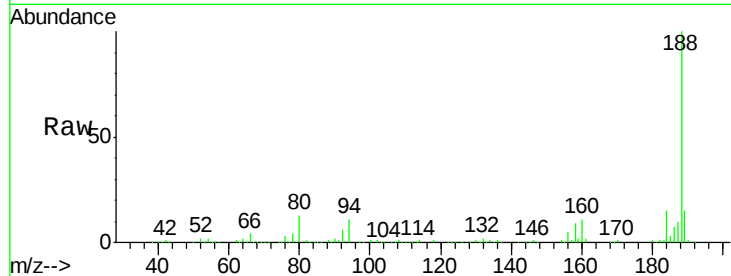




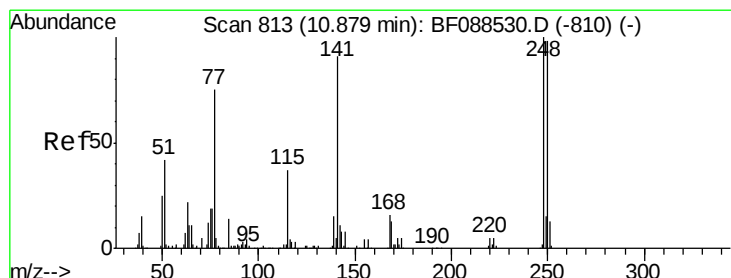
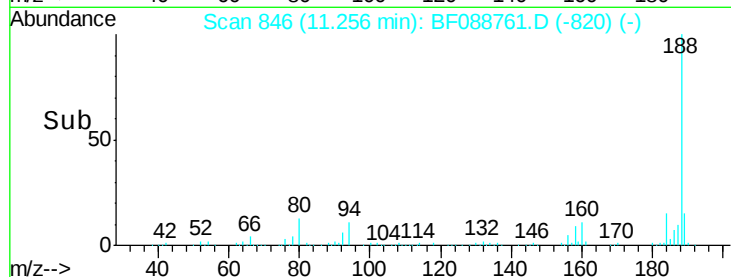
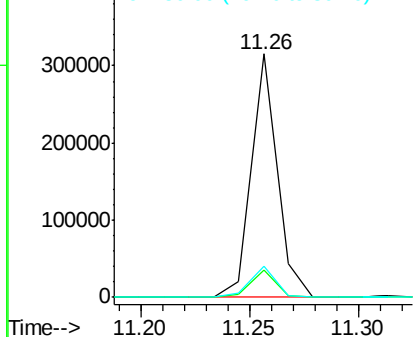
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF088761.D
Acq: 7 Jul 2016 4:18

Instrument :
BNA_F
ClientSampleId :
C2.1-05

Tgt Ion:188 Resp: 259733
Ion Ratio Lower Upper
188 100
94 11.3 9.0 13.6
80 12.8 10.0 15.0

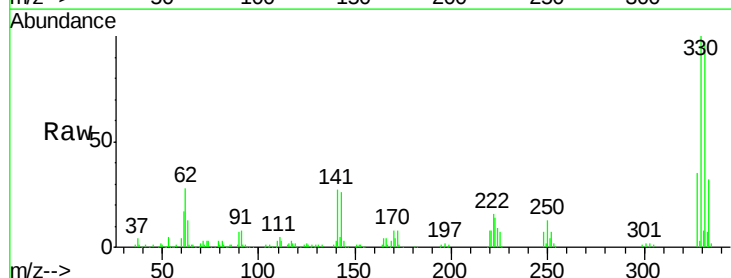


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

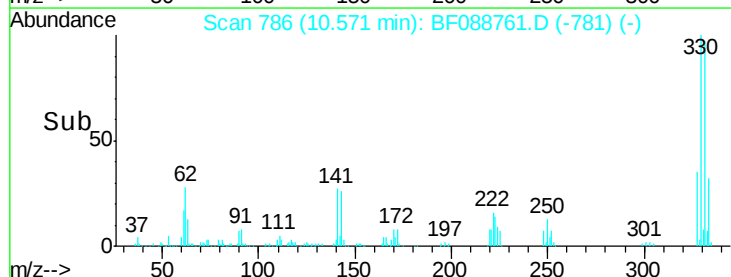
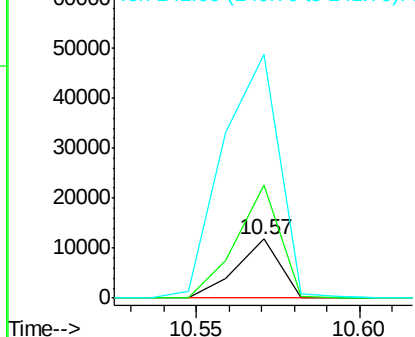


#66
4-Bromophenyl-phenylether
Concen: 4.11 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.24 min
Lab File: BF088761.D
Acq: 7 Jul 2016 4:18

Tgt Ion:248 Resp: 10754
Ion Ratio Lower Upper
248 100
250 191.8 77.1 115.7#
141 411.6 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: 13.89 min Scan# 1076

Delta R.T. -0.00 min

Lab File: BF088761.D

Acq: 7 Jul 2016 4:18

Instrument :

BNA_F

ClientSampleId :

C2.1-05

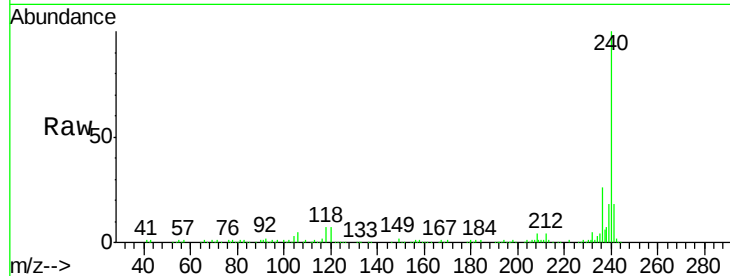
Tgt Ion:240 Resp: 183323

Ion Ratio Lower Upper

240 100

120 7.4 6.8 10.2

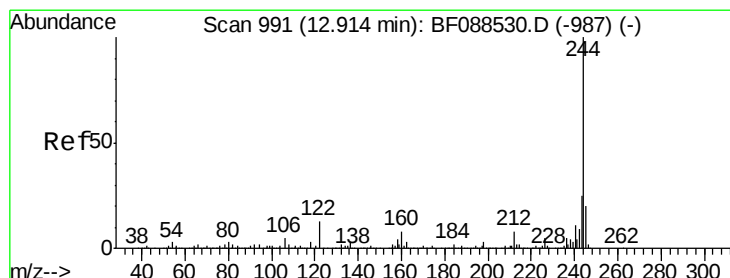
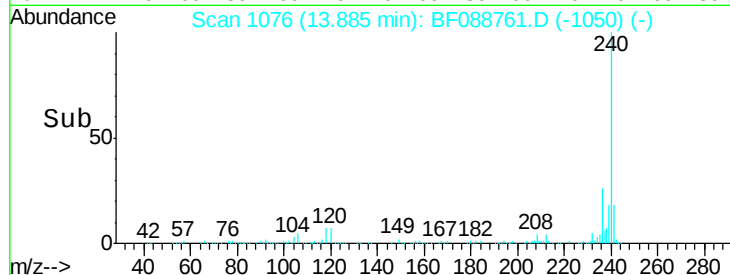
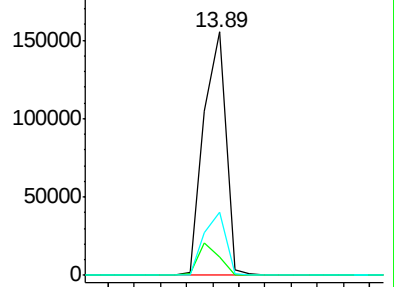
236 26.0 20.2 30.2



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: 67.14 ng

RT: 12.85 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF088761.D

Acq: 7 Jul 2016 4:18

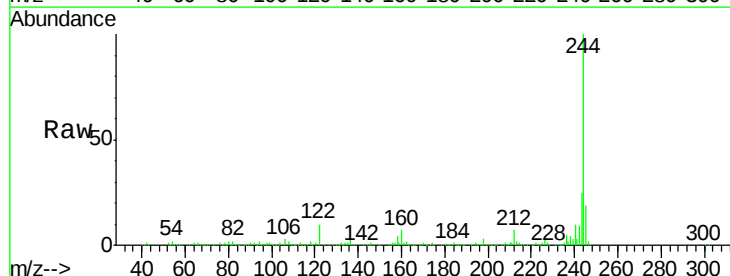
Tgt Ion:244 Resp: 552583

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

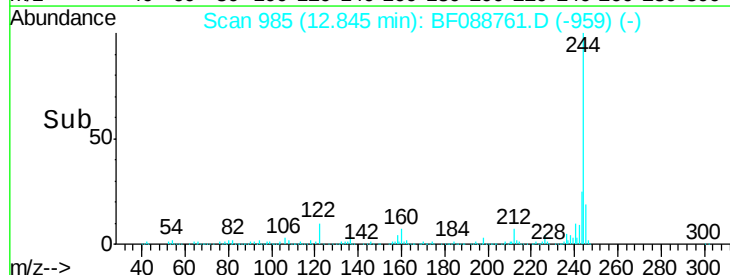
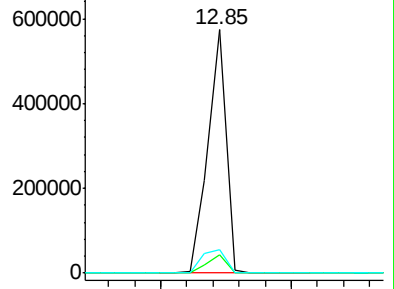
122 9.7 11.2 16.8#

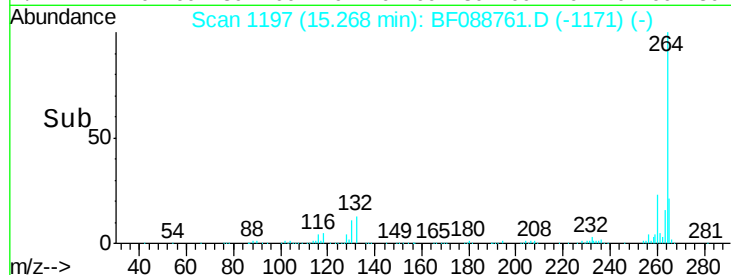
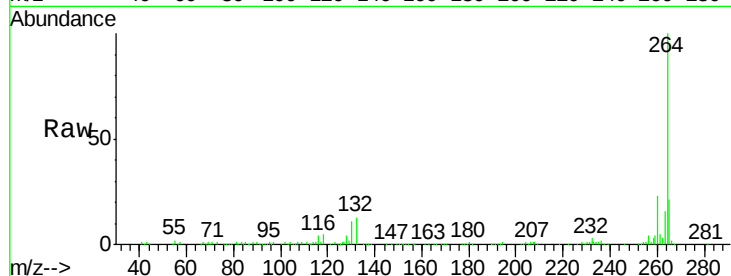
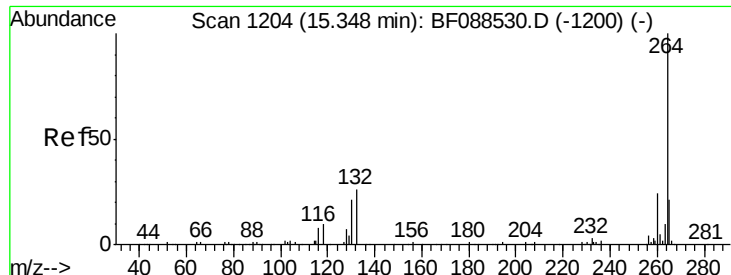


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BF088761.D
Acq: 7 Jul 2016 4:18

Instrument :
BNA_F
ClientSampleId :
C2.1-05

Tgt Ion:	264	Resp:	179046
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.2	28.8
265	21.4	16.9	25.3

