

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070616\
 Data File : BF088750.D
 Acq On : 6 Jul 2016 22:57
 Operator : UM/SJ
 Sample : H3878-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-01

Quant Time: Jul 07 01:07:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

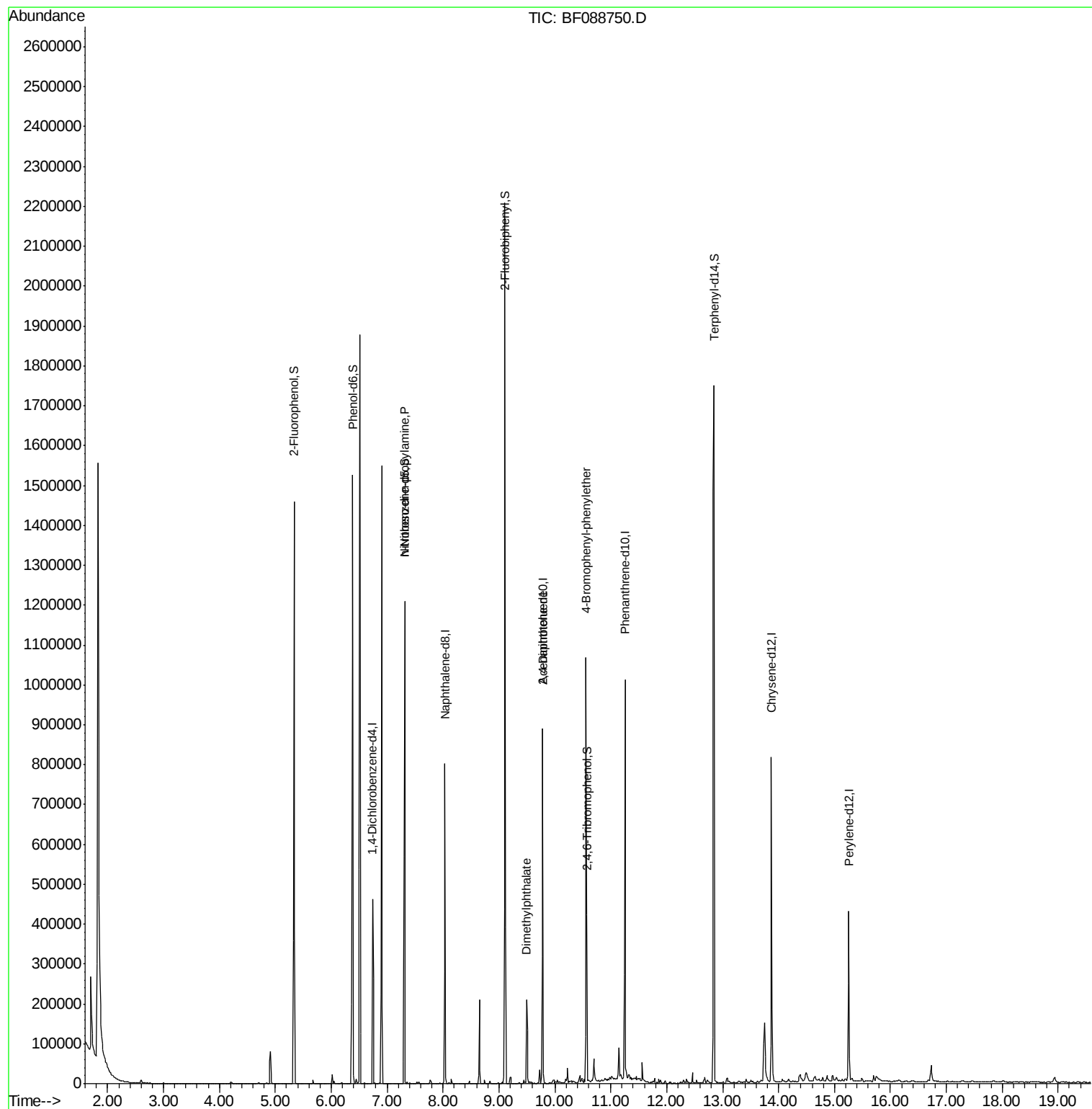
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	83111	20.00	ng	-0.03
21) Naphthalene-d8	8.03	136	376194	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	178368	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	345397	20.00	ng	-0.03
75) Chrysene-d12	13.87	240	250346	20.00	ng	-0.05
86) Perylene-d12	15.26	264	190672	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	446233	80.47	ng	-0.03
7) Phenol-d6	6.39	99	722467	100.83	ng	-0.02
23) Nitrobenzene-d5	7.31	82	452144	62.98	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	135580	81.86	ng	-0.03
44) 2-Fluorobiphenyl	9.11	172	693107	61.38	ng	-0.03
78) Terphenyl-d14	12.85	244	760928	67.70	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.31	70	61021	12.68	ng	# 70
49) Dimethylphthalate	9.50	163	108464	8.54	ng	# 99
56) 2,4-Dinitrotoluene	9.78	165	22875	6.21	ng	# 39
66) 4-Bromophenyl-phenylether	10.56	248	8331	2.39	ng	# 1

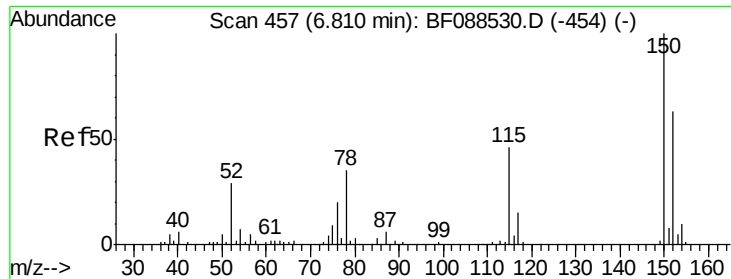
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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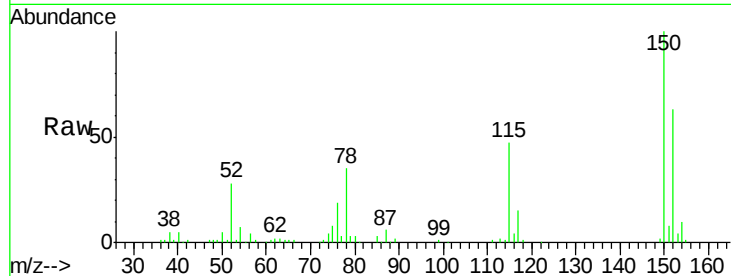




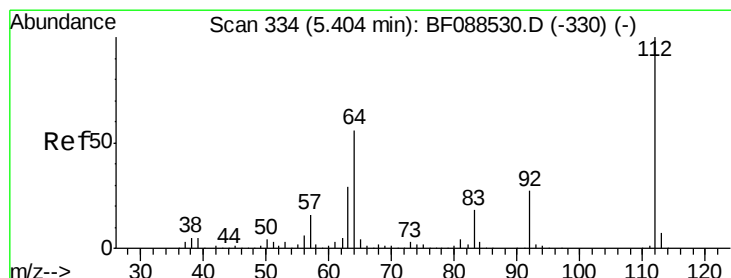
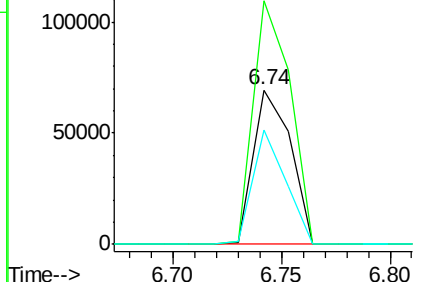
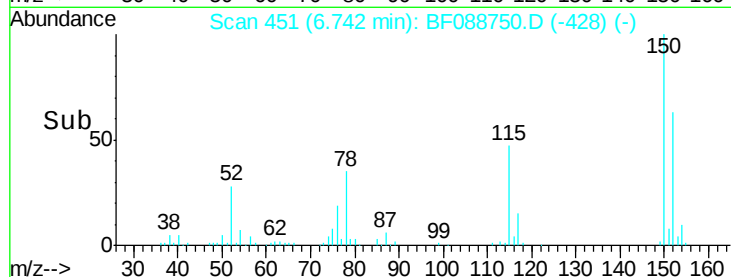
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.74 min Scan# 451
 Delta R.T. -0.03 min
 Lab File: BF088750.D
 Acq: 6 Jul 2016 22:57

Instrument :
 BNA_F
 ClientSampled :
 C1.2-01

Tgt Ion:152 Resp: 83111
 Ion Ratio Lower Upper
 152 100
 150 158.0 123.8 185.6
 115 73.9 39.6 59.4#

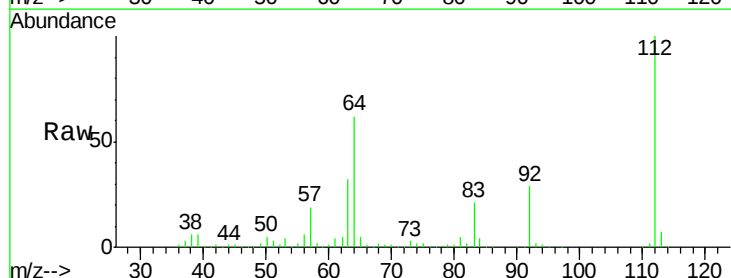


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

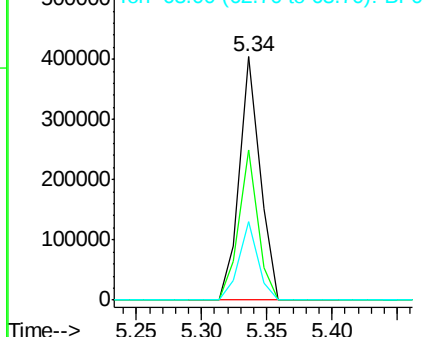
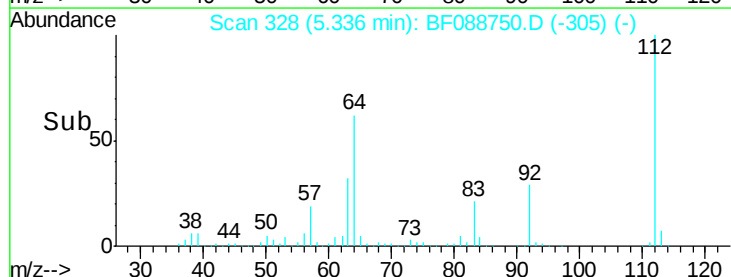


#5
 2-Fluorophenol
 Concen: 80.47 ng
 RT: 5.34 min Scan# 328
 Delta R.T. -0.03 min
 Lab File: BF088750.D
 Acq: 6 Jul 2016 22:57

Tgt Ion:112 Resp: 446233
 Ion Ratio Lower Upper
 112 100
 64 61.8 42.2 63.2
 63 32.3 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: 100.83 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF088750.D

Acq: 6 Jul 2016 22:57

Instrument :

BNA_F

ClientSampleId :

C1.2-01

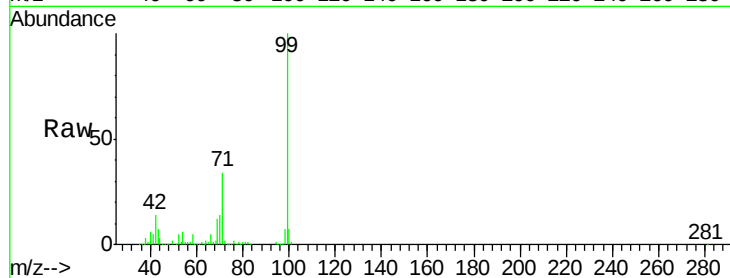
Tgt Ion: 99 Resp: 722467

Ion Ratio Lower Upper

99 100

42 13.9 12.2 18.2

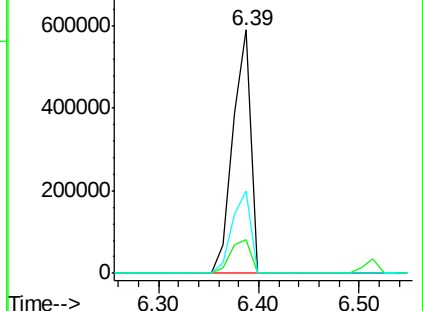
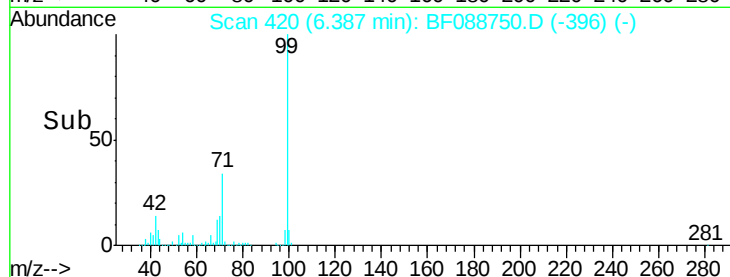
71 33.8 23.4 35.0



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: 12.68 ng

RT: 7.31 min Scan# 501

Delta R.T. 0.11 min

Lab File: BF088750.D

Acq: 6 Jul 2016 22:57

Tgt Ion: 70 Resp: 61021

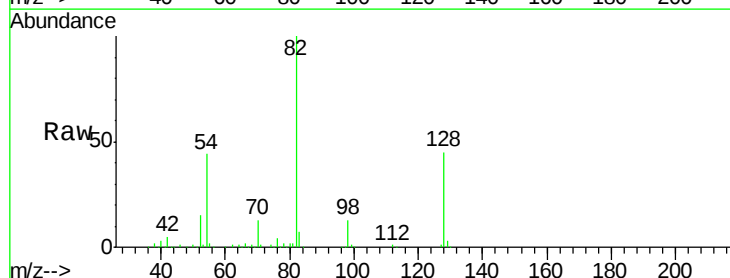
Ion Ratio Lower Upper

70 100

42 39.7 49.6 74.4#

101 0.0 7.1 10.7#

130 2.1 15.4 23.2#

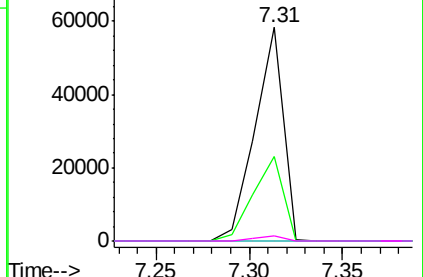
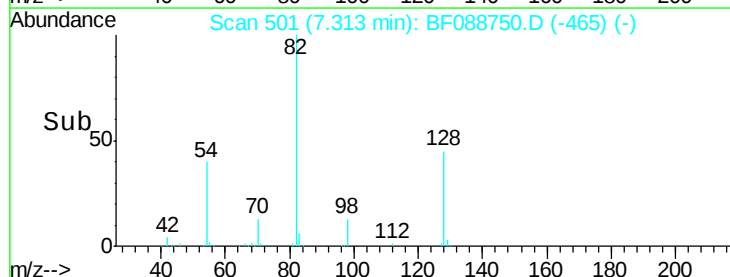


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.03 min Scan# 564

Delta R.T. -0.03 min

Lab File: BF088750.D

Acq: 6 Jul 2016 22:57

Instrument :

BNA_F

ClientSampleId :

C1.2-01

Tgt Ion:136 Resp: 376194

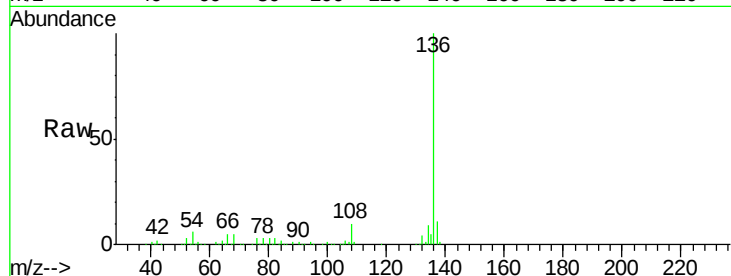
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.2 6.6 10.0#

68 5.3 5.1 7.7

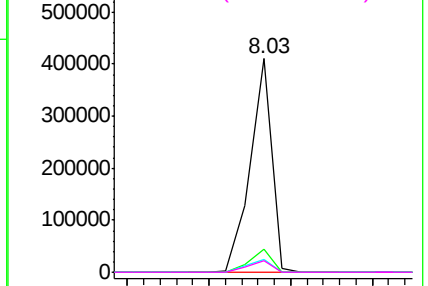
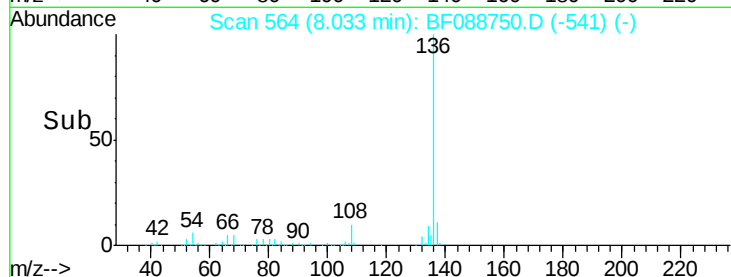


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.98 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.03 min

Lab File: BF088750.D

Acq: 6 Jul 2016 22:57

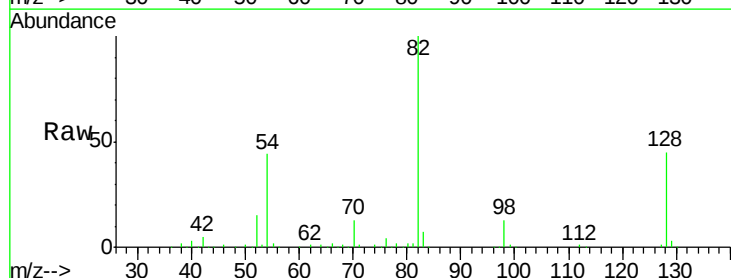
Tgt Ion: 82 Resp: 452144

Ion Ratio Lower Upper

82 100

128 44.9 35.9 53.9

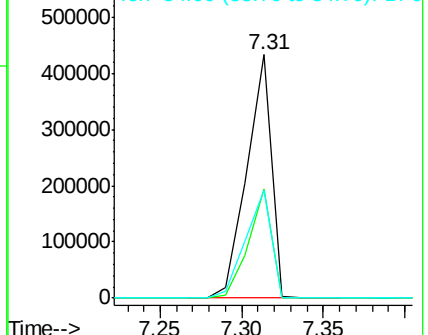
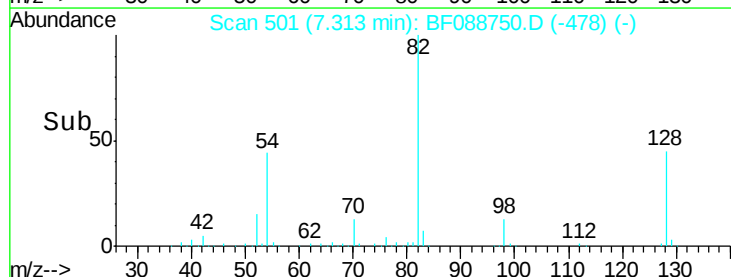
54 44.5 40.9 61.3

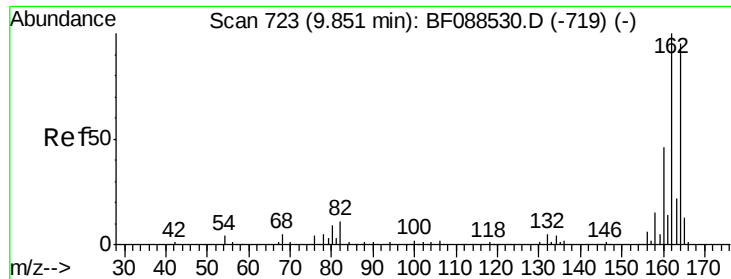


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

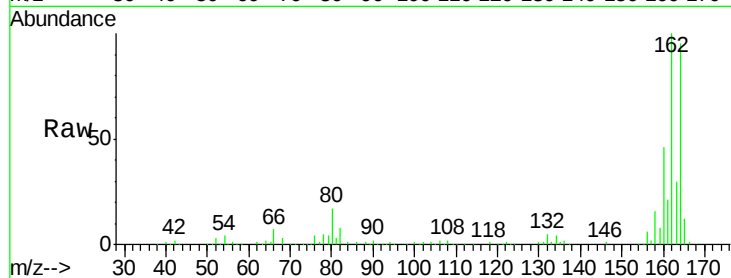




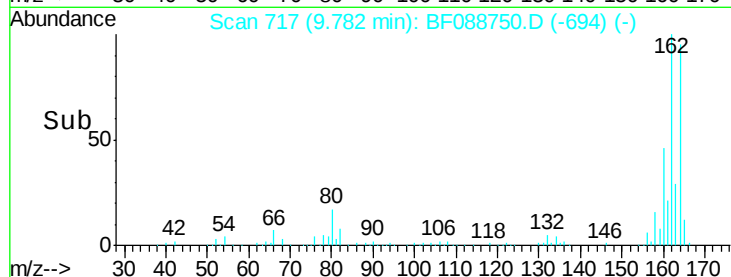
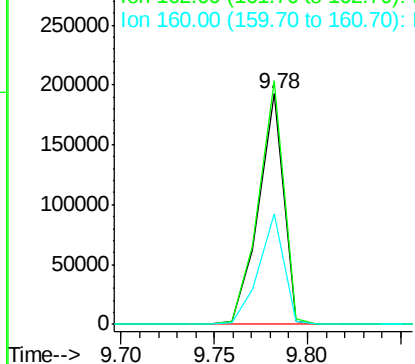
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.03 min
Lab File: BF088750.D
Acq: 6 Jul 2016 22:57

Instrument :
BNA_F
ClientSampleId :
C1.2-01

Tgt Ion:164 Resp: 178368
Ion Ratio Lower Upper
164 100
162 105.7 85.4 128.2
160 48.2 39.5 59.3

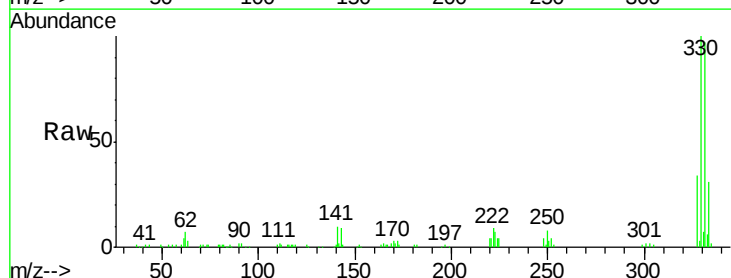


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

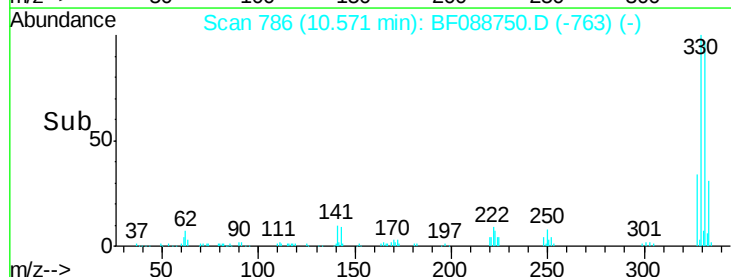
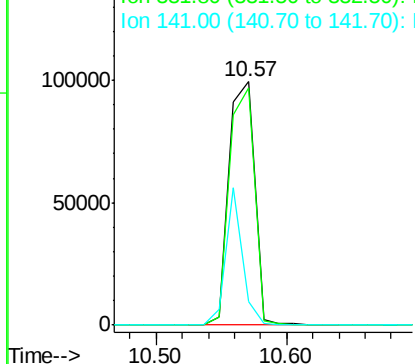


#41
2,4,6-Tribromophenol
Concen: 81.86 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.03 min
Lab File: BF088750.D
Acq: 6 Jul 2016 22:57

Tgt Ion:330 Resp: 135580
Ion Ratio Lower Upper
330 100
332 95.9 0.0 0.0#
141 37.4 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

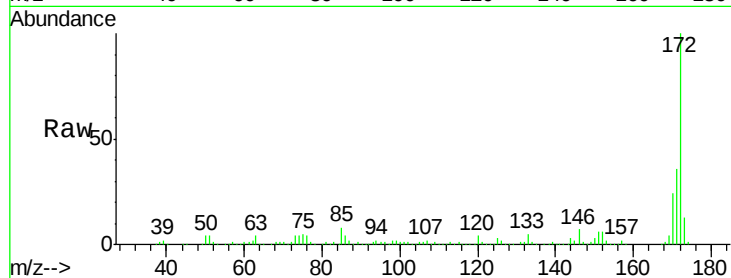




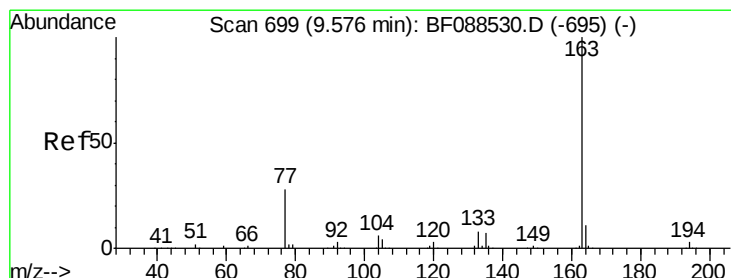
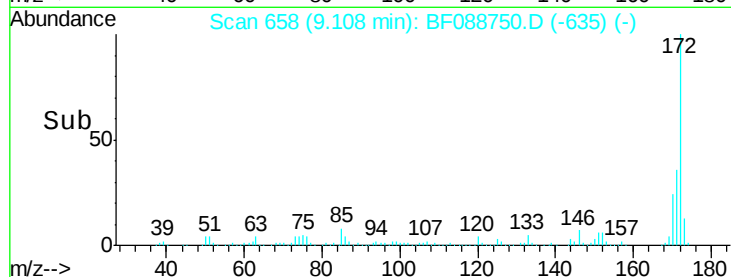
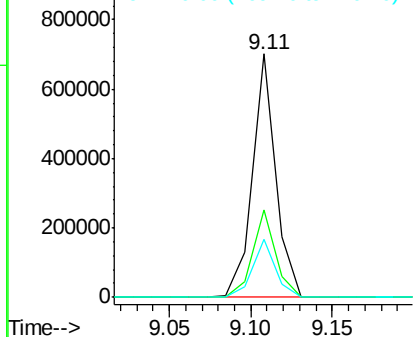
#44
 2-Fluorobiphenyl
 Concen: 61.38 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.03 min
 Lab File: BF088750.D
 Acq: 6 Jul 2016 22:57

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-01

Tgt Ion:172 Resp: 693107
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 24.1 19.2 28.8

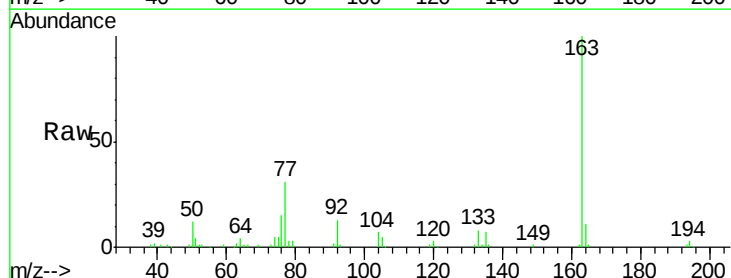


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

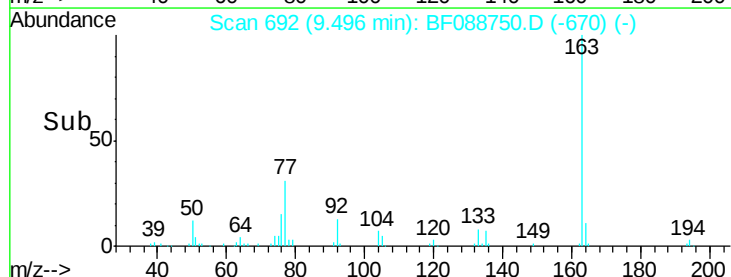
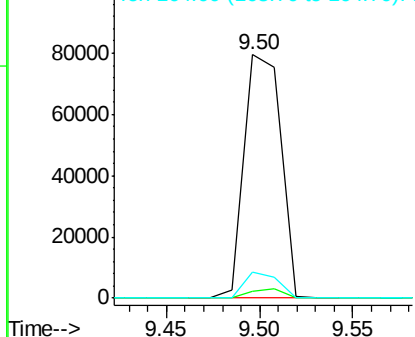


#49
 Dimethylphthalate
 Concen: 8.54 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.05 min
 Lab File: BF088750.D
 Acq: 6 Jul 2016 22:57

Tgt Ion:163 Resp: 108464
 Ion Ratio Lower Upper
 163 100
 194 2.7 2.8 4.2#
 164 10.8 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

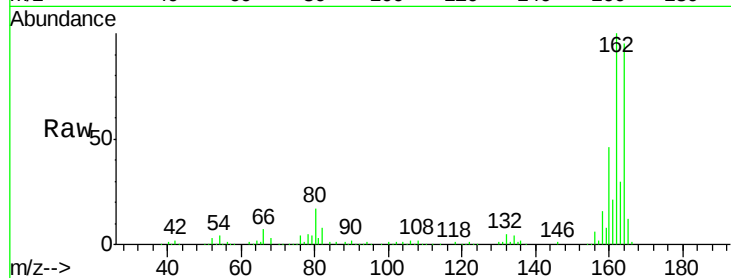




#56
2,4-Dinitrotoluene
Concen: 6.21 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.22 min
Lab File: BF088750.D
Acq: 6 Jul 2016 22:57

Instrument :
BNA_F
ClientSampleId :
C1.2-01

Tgt Ion:	165	Resp:	22875
Ion	Ratio	Lower	Upper
165	100		
63	1.9	22.0	33.0#
89	2.3	41.1	61.7#
182	0.0	2.0	3.0#

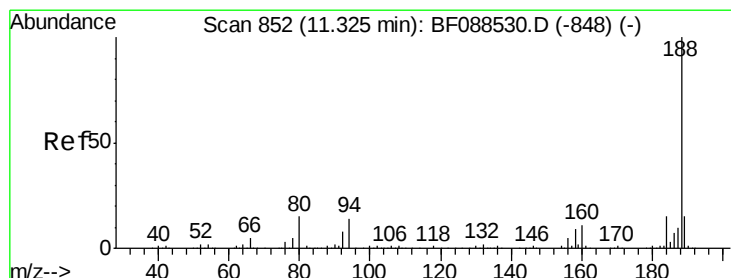
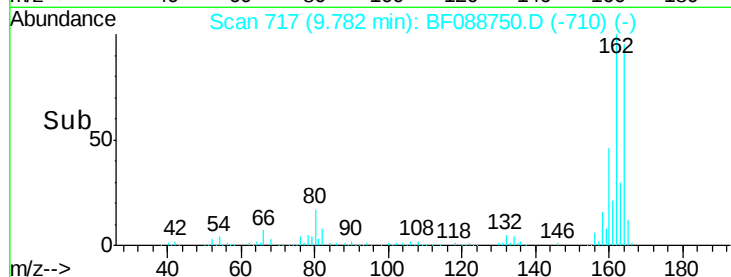
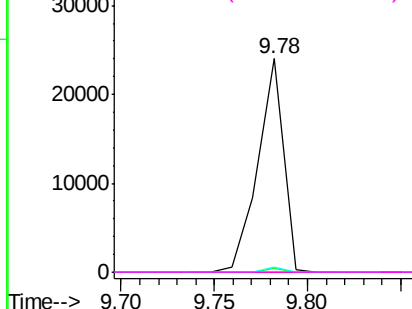


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

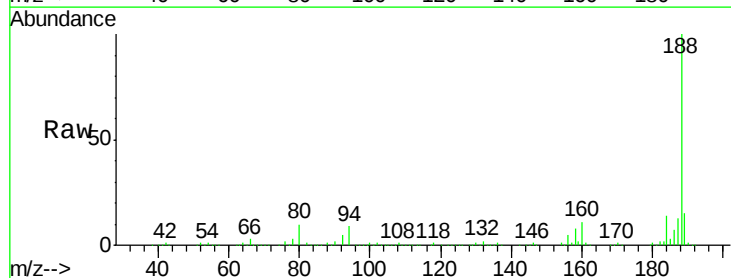
Ion 89.00 (88.70 to 89.70): BF0

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. -0.03 min
Lab File: BF088750.D
Acq: 6 Jul 2016 22:57

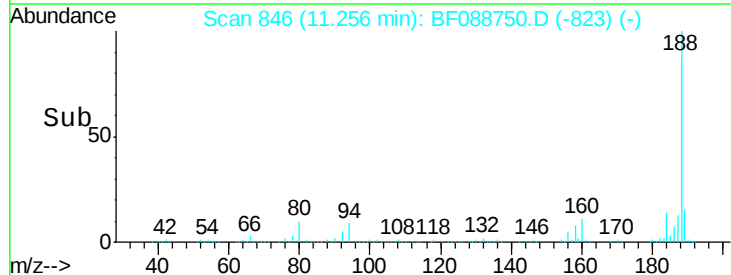
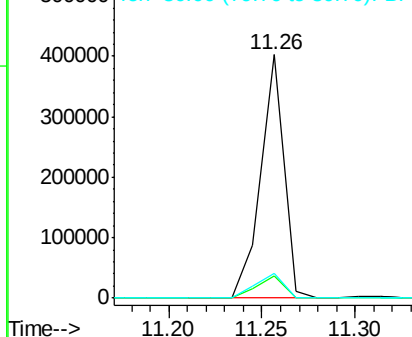
Tgt Ion:	188	Resp:	345397
Ion	Ratio	Lower	Upper
188	100		
94	9.2	9.0	13.6
80	10.0	10.0	15.0

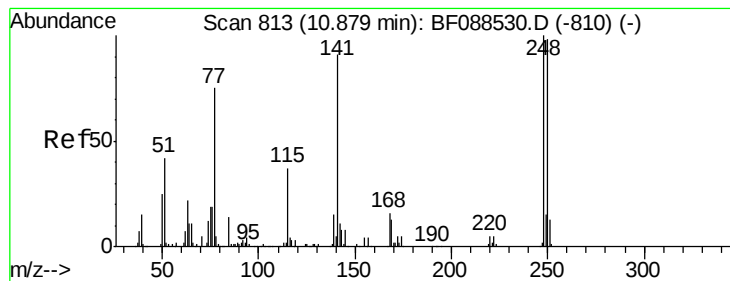


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 2.39 ng

RT: 10.56 min Scan# 785

Delta R.T. -0.29 min

Lab File: BF088750.D

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C1.2-01

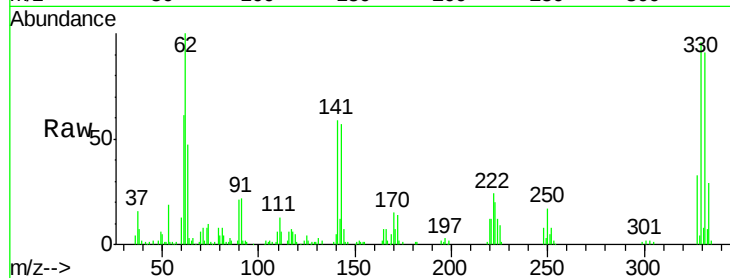
Tgt Ion:248 Resp: 8331

Ion Ratio Lower Upper

248 100

250 197.7 77.1 115.7#

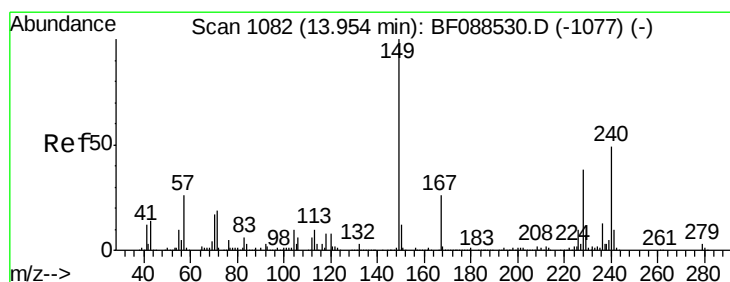
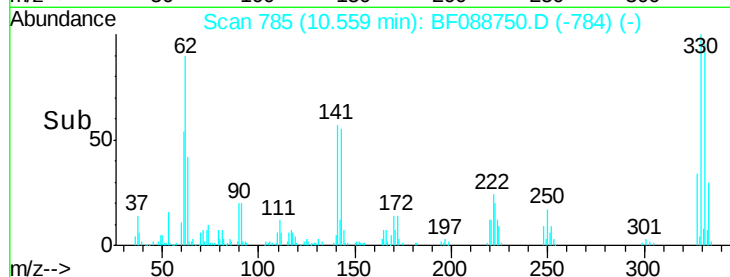
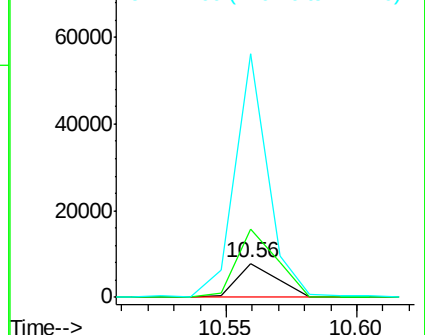
141 709.1 50.6 76.0#



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: 13.87 min Scan# 1075

Delta R.T. -0.05 min

Lab File: BF088750.D

Acq: 6 Jul 2016 22:57

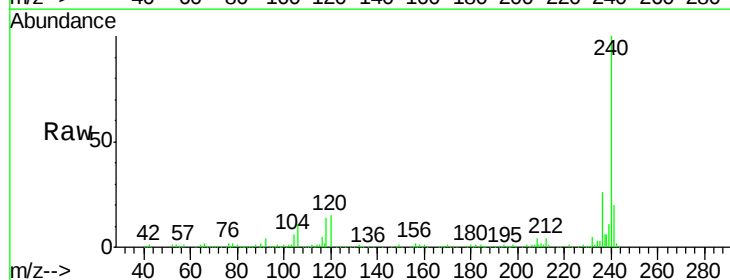
Tgt Ion:240 Resp: 250346

Ion Ratio Lower Upper

240 100

120 14.9 6.8 10.2#

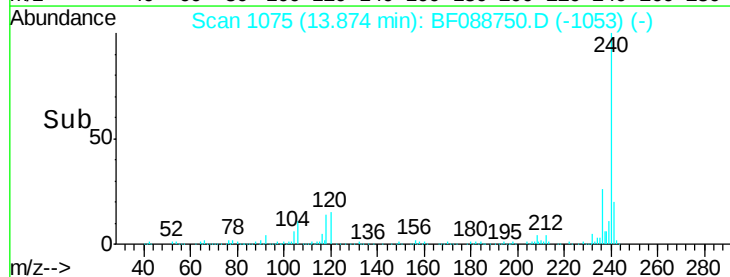
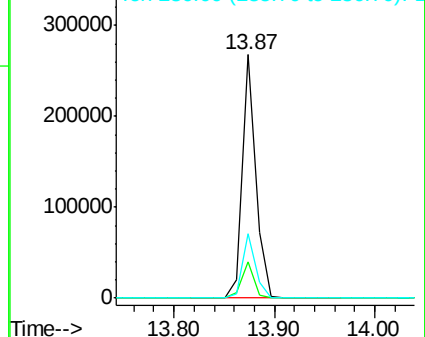
236 26.2 20.2 30.2



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: 67.70 ng

RT: 12.85 min Scan# 985

Delta R.T. -0.02 min

Lab File: BF088750.D

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C1.2-01

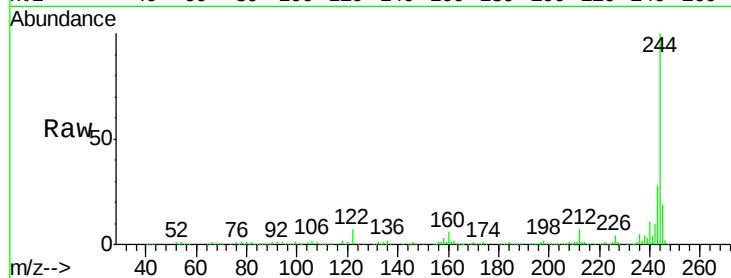
Tgt Ion:244 Resp: 760928

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

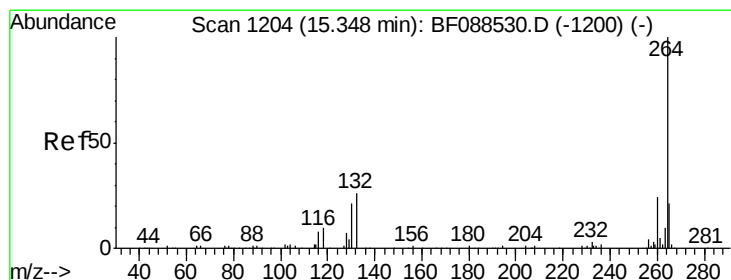
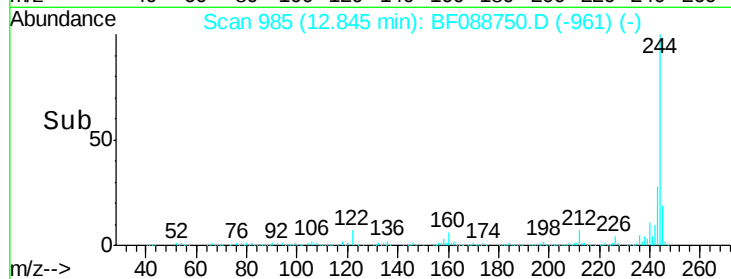
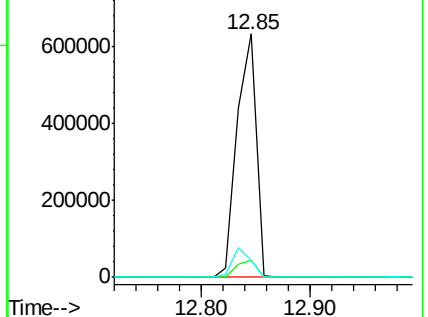
122 7.1 11.2 16.8#



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: 15.26 min Scan# 1196

Delta R.T. -0.05 min

Lab File: BF088750.D

Acq: 6 Jul 2016 22:57

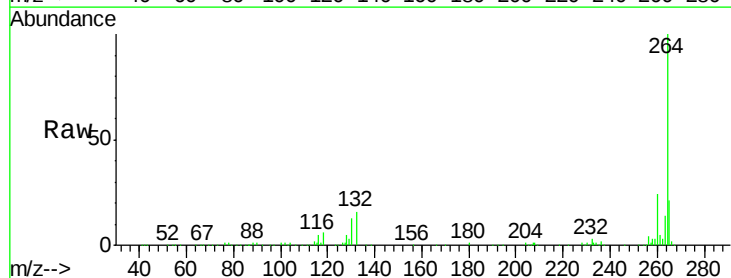
Tgt Ion:264 Resp: 190672

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.0 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

