

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
 Data File : BF088807.D
 Acq On : 8 Jul 2016 5:27
 Operator : UM/SJ
 Sample : H3897-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Quant Time: Jul 08 06:55:45 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 01:56:42 2016
 Response via : Initial Calibration

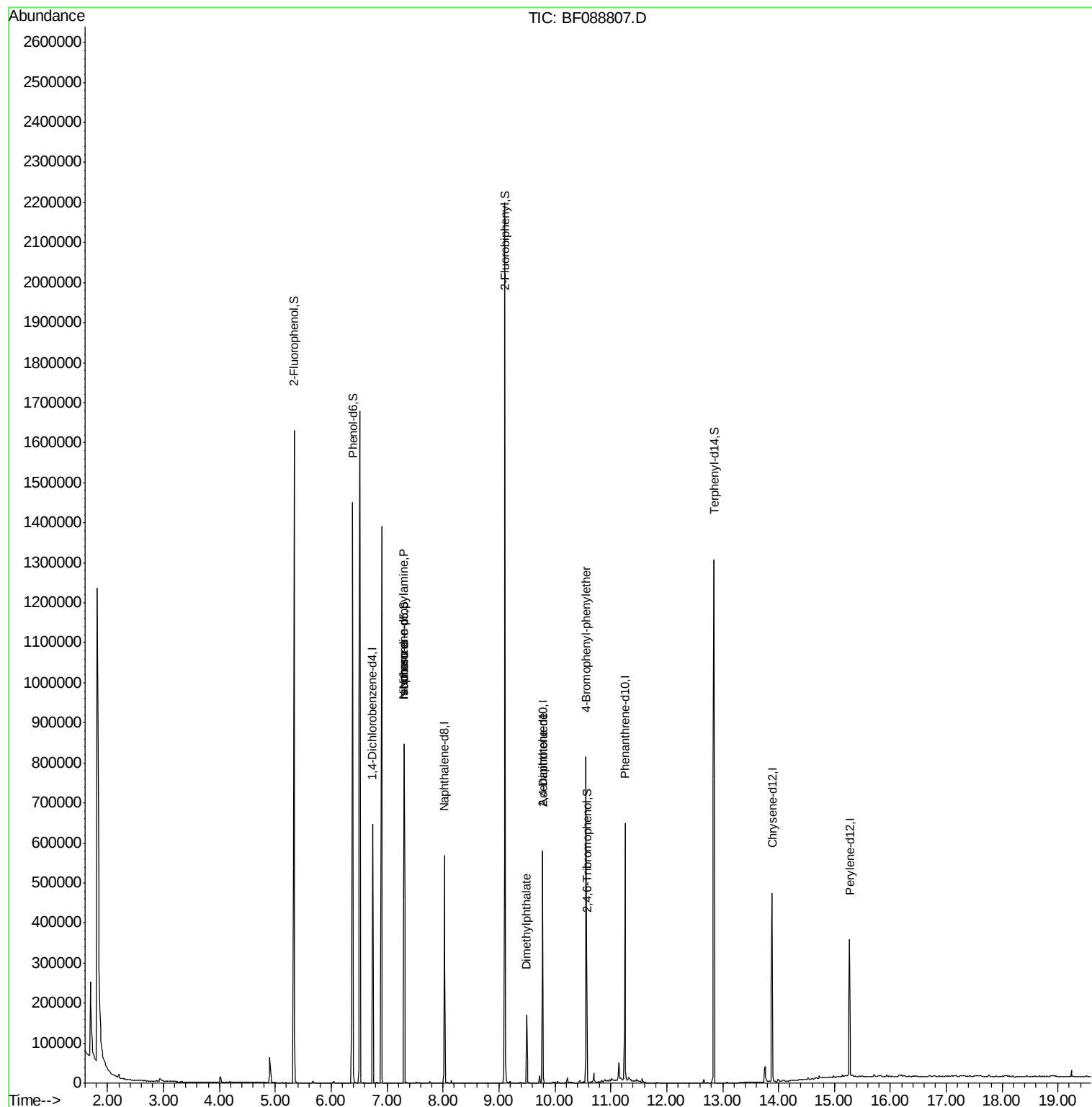
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	85524	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	302934	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	131523	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	219526	20.00	ng	0.00
75) Chrysene-d12	13.89	240	180057	20.00	ng	0.00
86) Perylene-d12	15.27	264	145647	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	447167	78.36	ng	0.01
7) Phenol-d6	6.39	99	678963	92.08	ng	0.00
23) Nitrobenzene-d5	7.30	82	354679	61.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	100036	81.91	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	648927	77.94	ng	0.00
78) Terphenyl-d14	12.85	244	474986	58.76	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	46176	9.32	ng	# 73
25) Isophorone	7.30	82	321199	30.00	ng	# 65
49) Dimethylphthalate	9.50	163	70454	7.52	ng	99
56) 2,4-Dinitrotoluene	9.78	165	16681	6.14	ng	# 36
66) 4-Bromophenyl-phenylether	10.56	248	6279	2.84	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. 0.00 min

Lab File: BF088807.D

Acq: 8 Jul 2016 5:27

Instrument :

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ClientSampleId :

SB-01-COMP

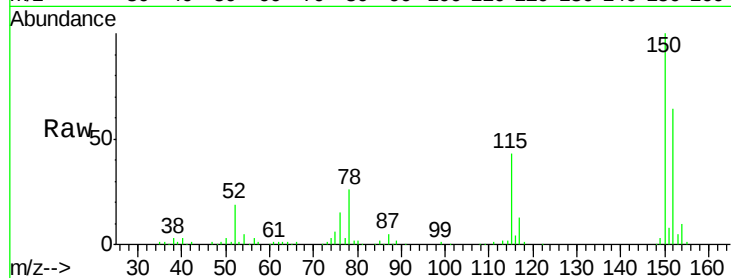
Tgt Ion:152 Resp: 85524

Ion Ratio Lower Upper

152 100

150 155.4 123.8 185.6

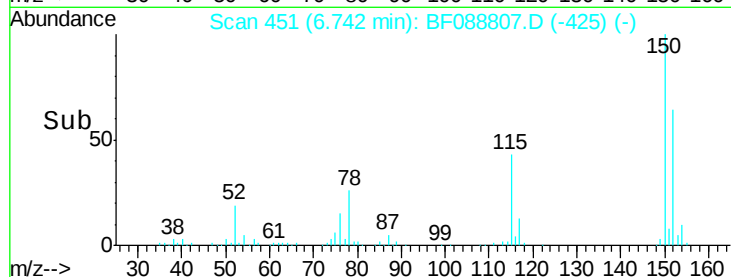
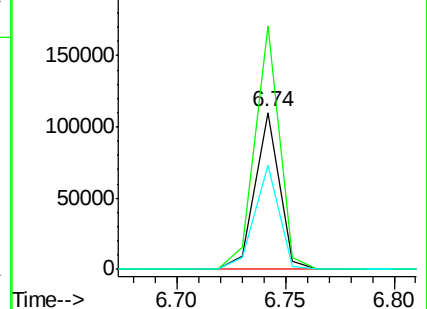
115 66.8 39.6 59.4#



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: 78.36 ng

RT: 5.34 min Scan# 328

Delta R.T. 0.01 min

Lab File: BF088807.D

Acq: 8 Jul 2016 5:27

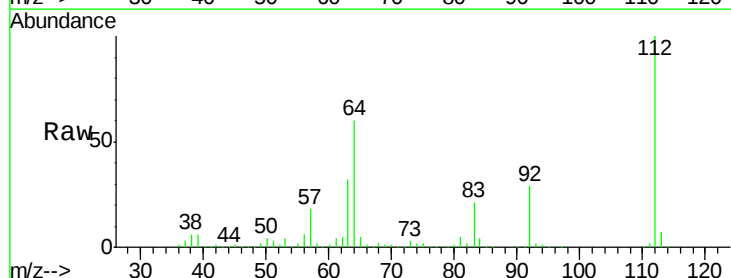
Tgt Ion:112 Resp: 447167

Ion Ratio Lower Upper

112 100

64 59.6 42.2 63.2

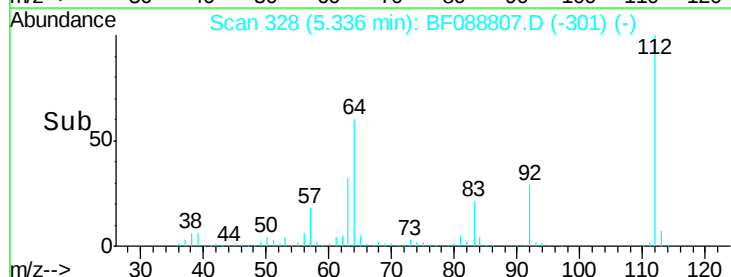
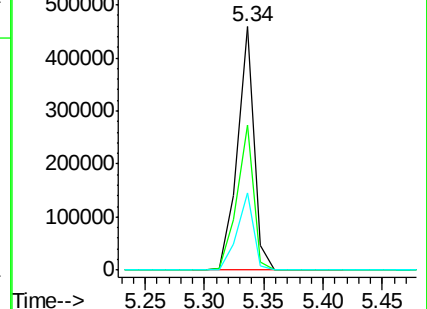
63 31.7 21.8 32.8



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: 92.08 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF088807.D

Acq: 8 Jul 2016 5:27

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

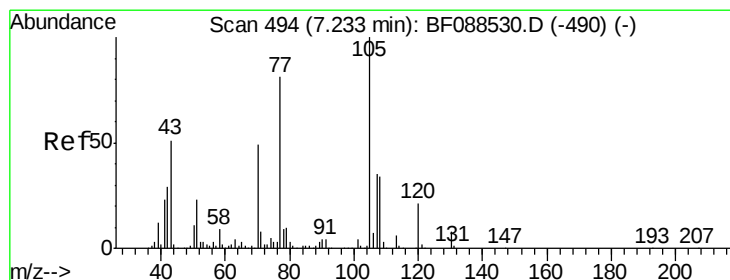
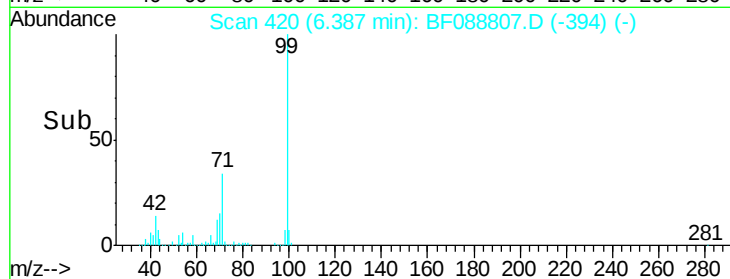
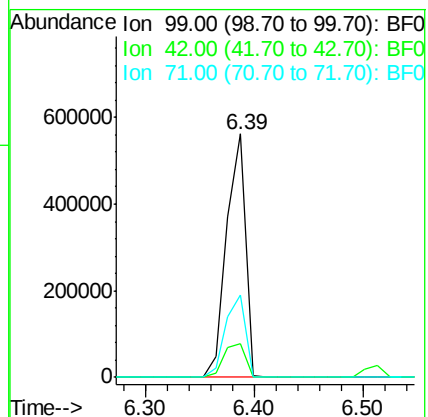
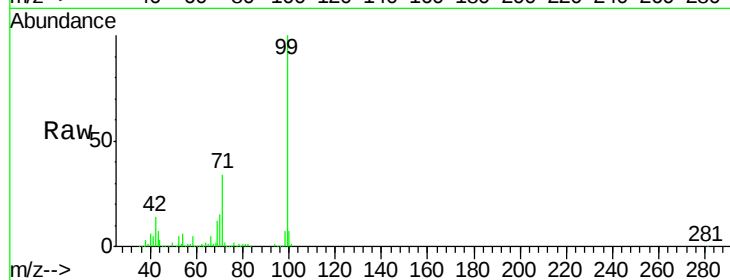
Tgt Ion: 99 Resp: 678963

Ion Ratio Lower Upper

99 100

42 13.8 12.2 18.2

71 34.1 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 9.32 ng

RT: 7.30 min Scan# 500

Delta R.T. 0.13 min

Lab File: BF088807.D

Acq: 8 Jul 2016 5:27

Tgt Ion: 70 Resp: 46176

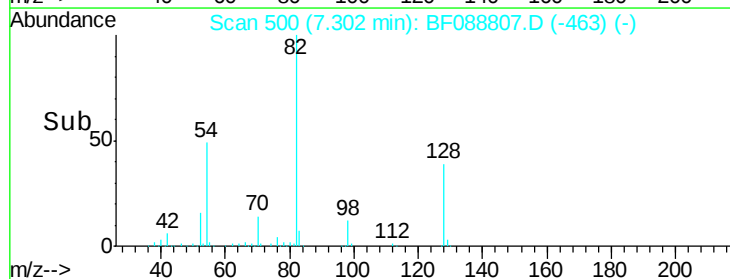
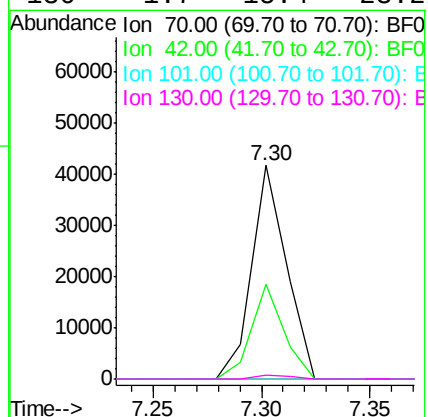
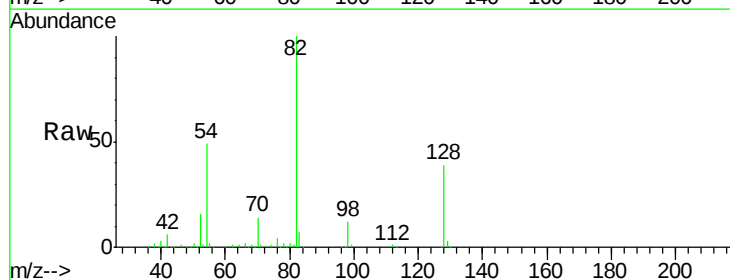
Ion Ratio Lower Upper

70 100

42 44.3 49.6 74.4#

101 0.0 7.1 10.7#

130 1.7 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.01 min

Lab File: BF088807.D

Acq: 8 Jul 2016 5:27

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

Tgt Ion: 136 Resp: 302934

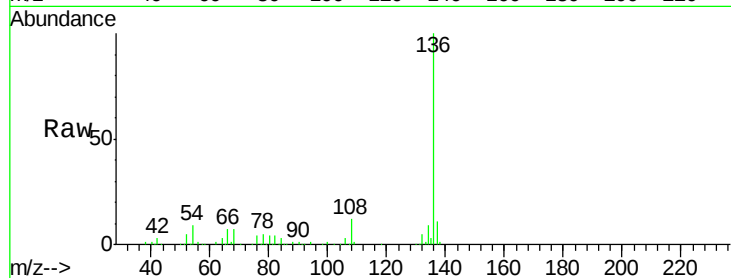
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 9.5 6.6 10.0

68 7.4 5.1 7.7

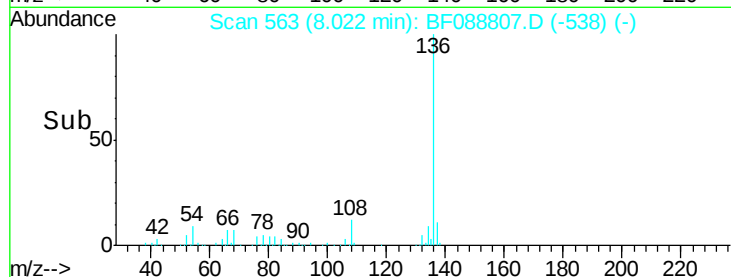


Abundance Ion 136.00 (135.70 to 136.70): E

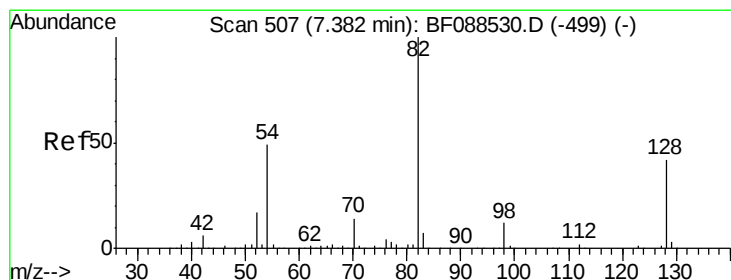
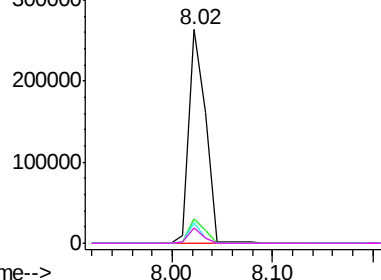
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 61.36 ng

RT: 7.30 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF088807.D

Acq: 8 Jul 2016 5:27

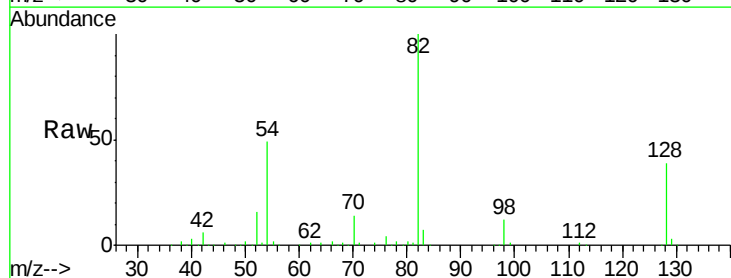
Tgt Ion: 82 Resp: 354679

Ion Ratio Lower Upper

82 100

128 39.5 35.9 53.9

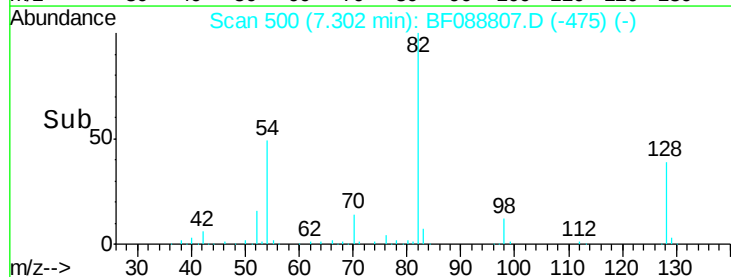
54 48.5 40.9 61.3



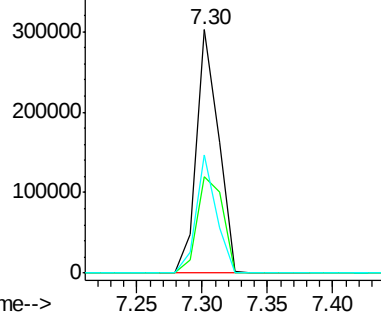
Abundance Ion 82.00 (81.70 to 82.70): BF0

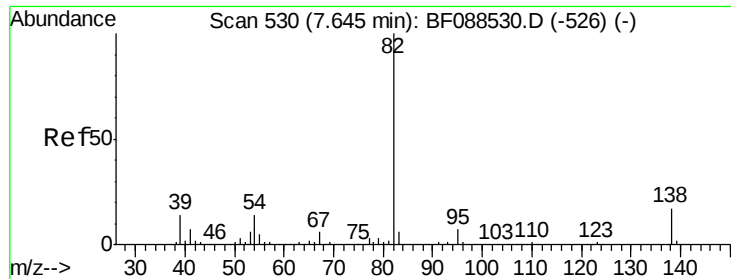
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#25

Isophorone

Concen: 30.00 ng

RT: 7.30 min Scan# 500

Delta R.T. -0.27 min

Lab File: BF088807.D

Acq: 8 Jul 2016 5:27

Instrument :

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ClientSampleId :

SB-01-COMP

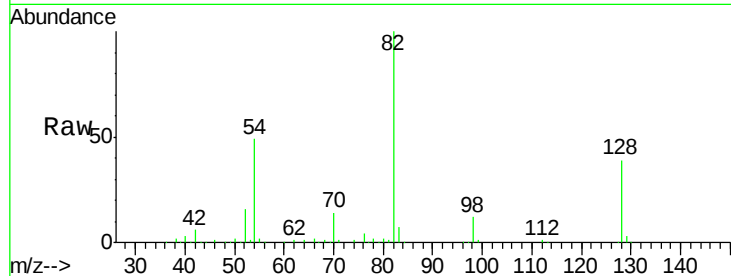
Tgt Ion: 82 Resp: 321199

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

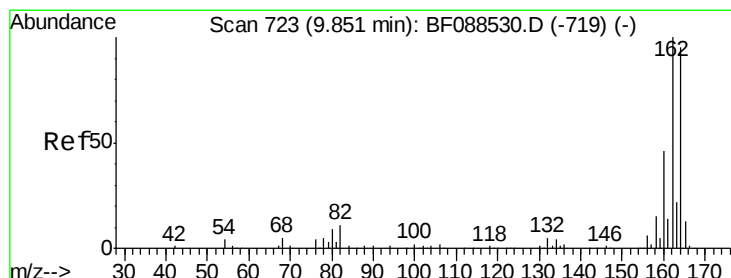
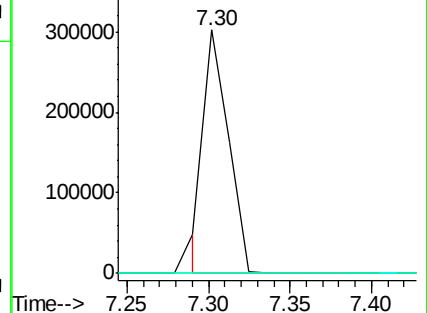
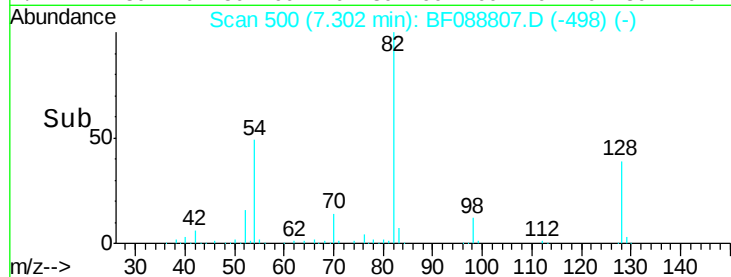
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF088807.D (-498) (-)

Ion 95.00 (94.70 to 95.70): BF088807.D (-498) (-)

Ion 138.00 (137.70 to 138.70): BF088807.D (-498) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF088807.D

Acq: 8 Jul 2016 5:27

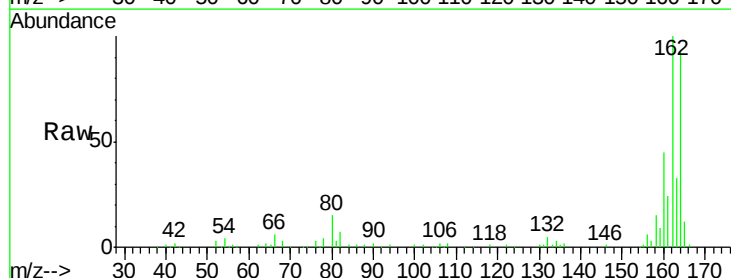
Tgt Ion: 164 Resp: 131523

Ion Ratio Lower Upper

164 100

162 107.8 85.4 128.2

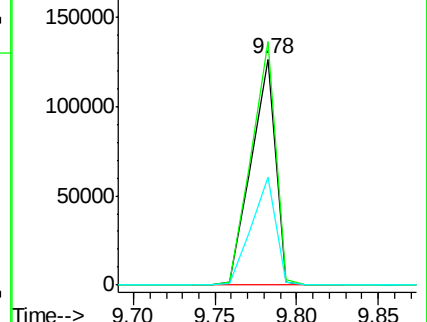
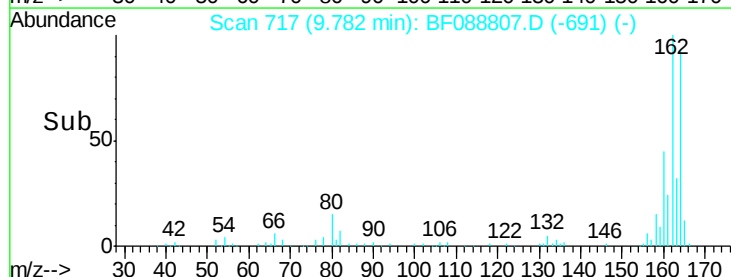
160 48.0 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): BF088807.D (-691) (-)

Ion 162.00 (161.70 to 162.70): BF088807.D (-691) (-)

Ion 160.00 (159.70 to 160.70): BF088807.D (-691) (-)

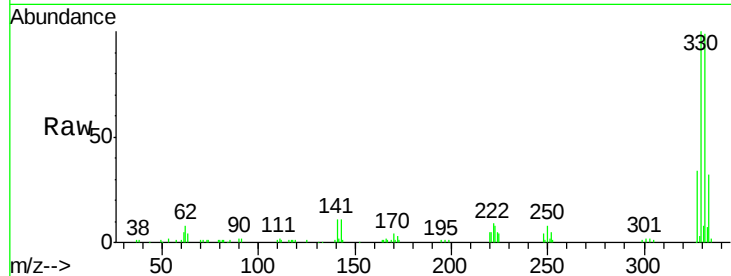




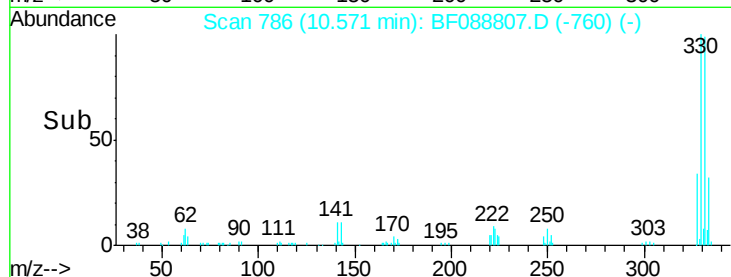
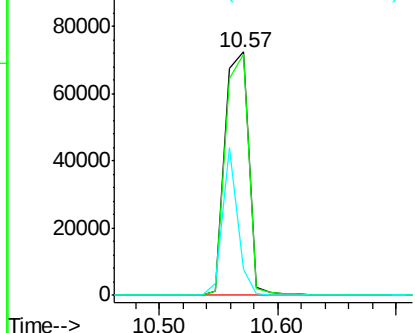
#41
 2,4,6-Tribromophenol
 Concen: 81.91 ng
 RT: 10.57 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF088807.D
 Acq: 8 Jul 2016 5:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	38.5	0.0	0.0#

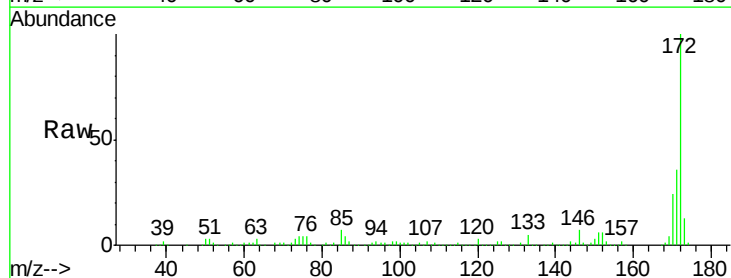


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

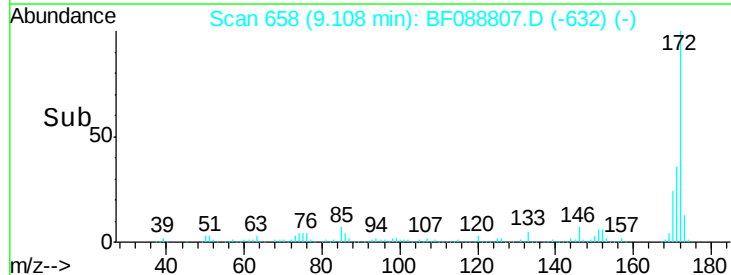
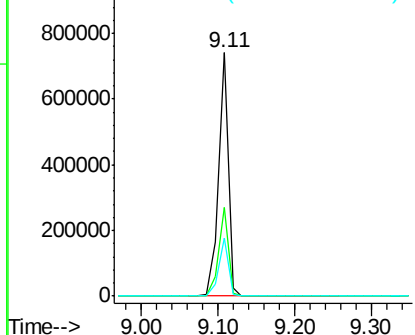


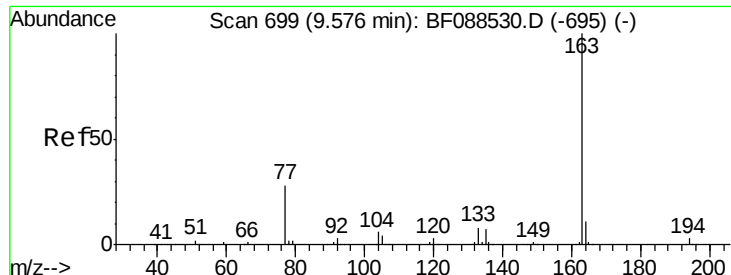
#44
 2-Fluorobiphenyl
 Concen: 77.94 ng
 RT: 9.11 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF088807.D
 Acq: 8 Jul 2016 5:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	23.8	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: 7.52 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.02 min

Lab File: BF088807.D

Acq: 8 Jul 2016 5:27

Instrument :

BNA_F

ClientSampleId :

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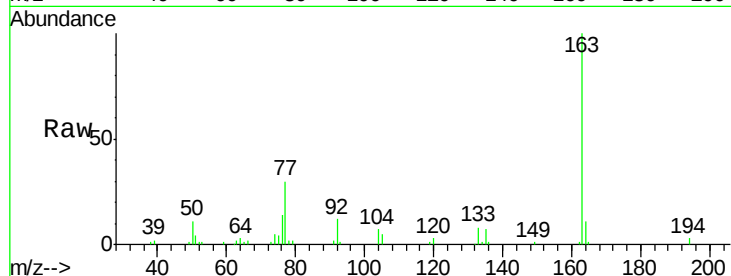
Tgt Ion:163 Resp: 70454

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

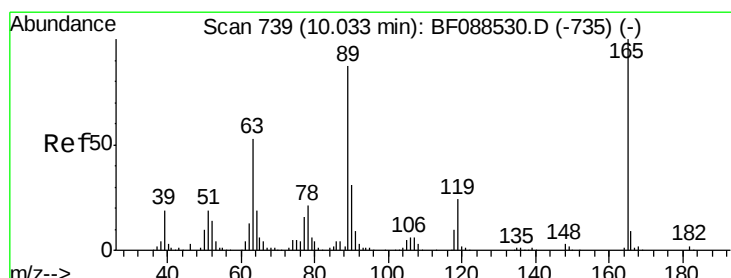
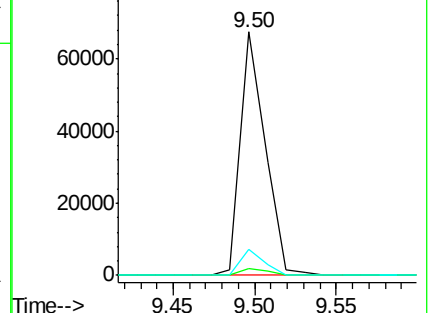
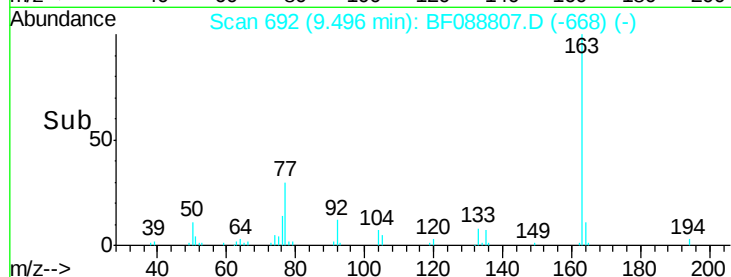
164 10.9 8.3 12.5



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: 6.14 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.19 min

Lab File: BF088807.D

Acq: 8 Jul 2016 5:27

Tgt Ion:165 Resp: 16681

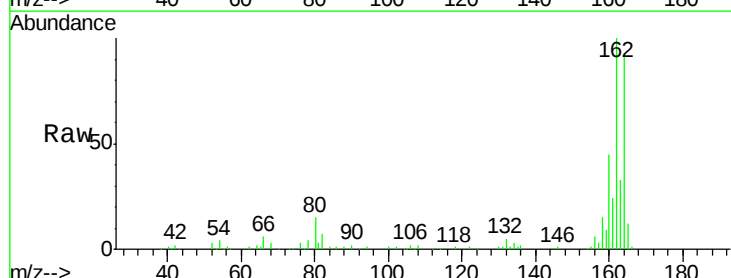
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 0.0 41.1 61.7#

182 0.0 2.0 3.0#

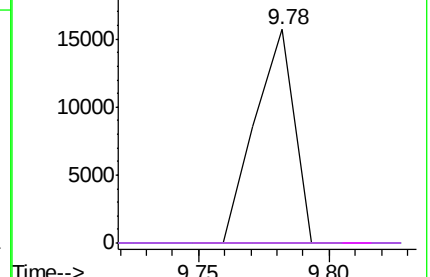
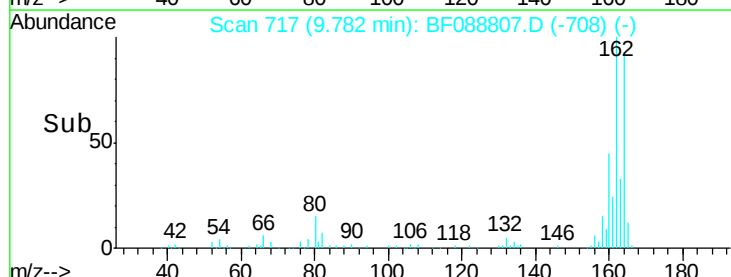


Abundance Ion 165.00 (164.70 to 165.70): E

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

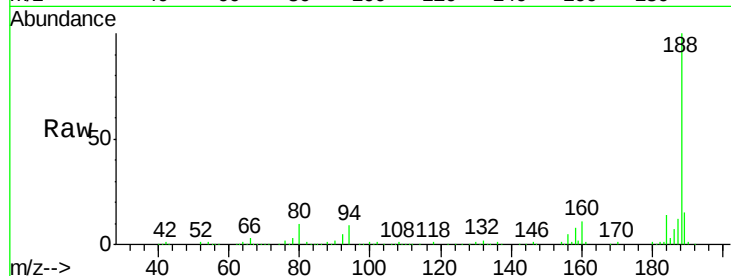




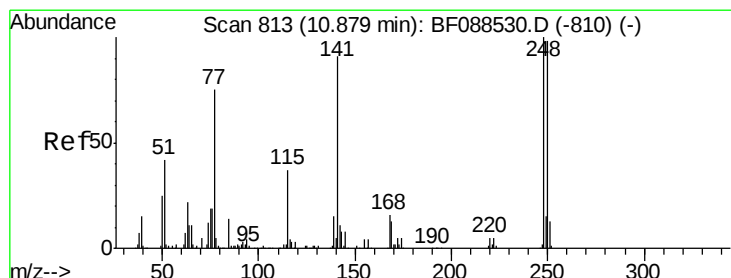
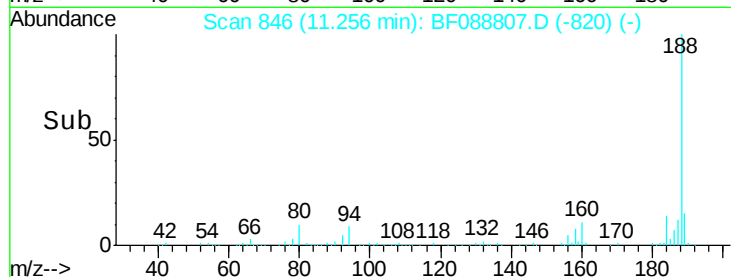
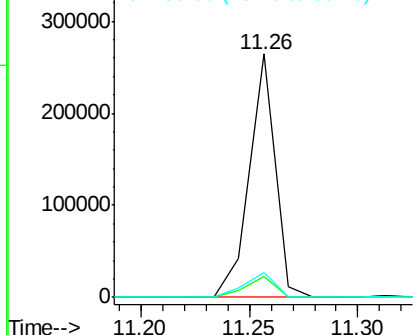
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF088807.D
Acq: 8 Jul 2016 5:27

Instrument :
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SB-01-COMP

Tgt Ion:188 Resp: 219526
Ion Ratio Lower Upper
188 100
94 8.7 9.0 13.6#
80 9.9 10.0 15.0#

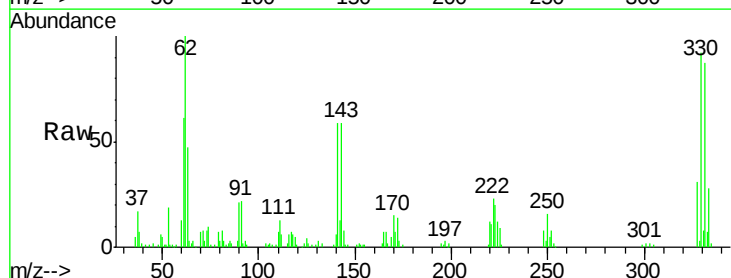


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

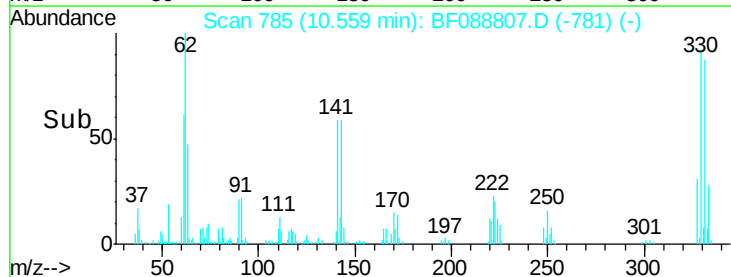
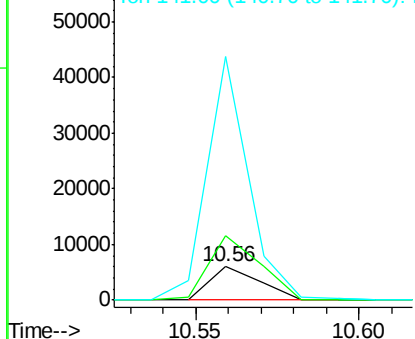


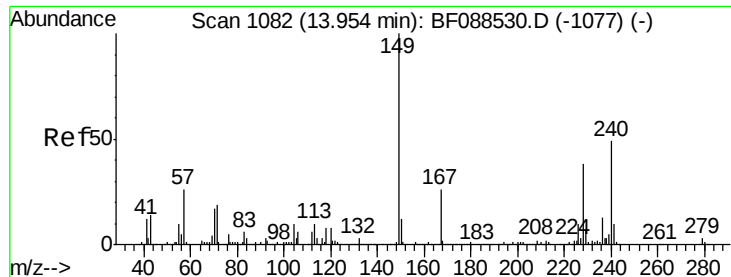
#66
4-Bromophenyl-phenylether
Concen: 2.84 ng
RT: 10.56 min Scan# 785
Delta R.T. -0.25 min
Lab File: BF088807.D
Acq: 8 Jul 2016 5:27

Tgt Ion:248 Resp: 6279
Ion Ratio Lower Upper
248 100
250 193.4 77.1 115.7#
141 731.1 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: 13.89 min Scan# 1076

Delta R.T. 0.00 min

Lab File: BF088807.D

Acq: 8 Jul 2016 5:27

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

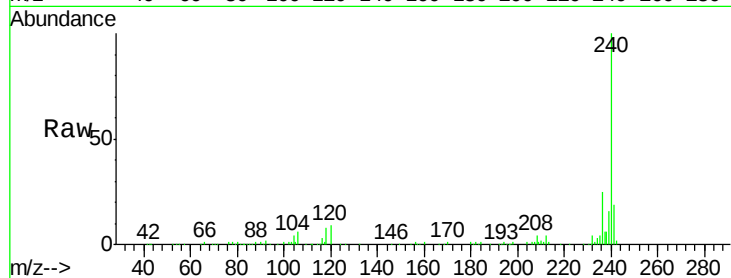
Tgt Ion:240 Resp: 180057

Ion Ratio Lower Upper

240 100

120 8.7 6.8 10.2

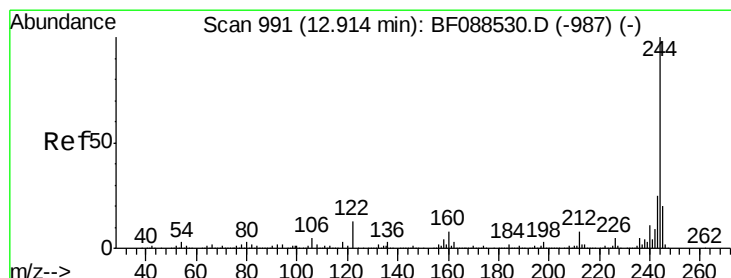
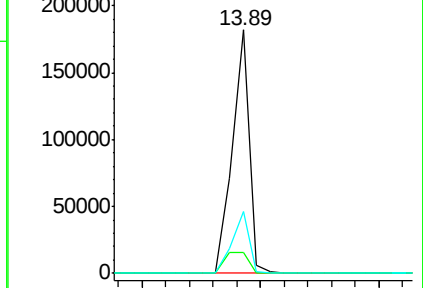
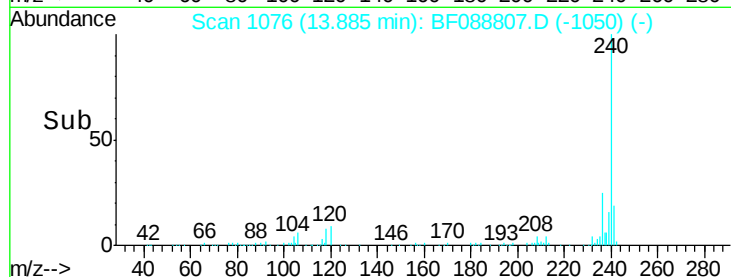
236 25.4 20.2 30.2



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: 58.76 ng

RT: 12.85 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF088807.D

Acq: 8 Jul 2016 5:27

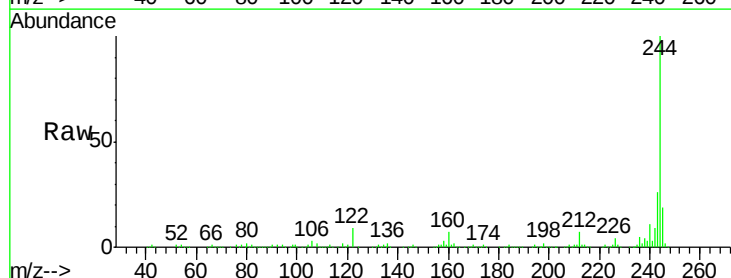
Tgt Ion:244 Resp: 474986

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

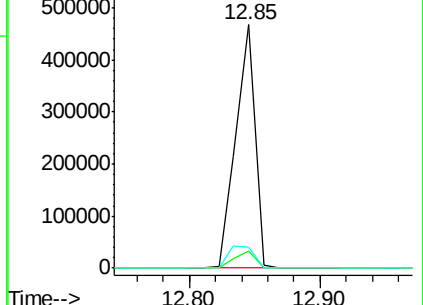
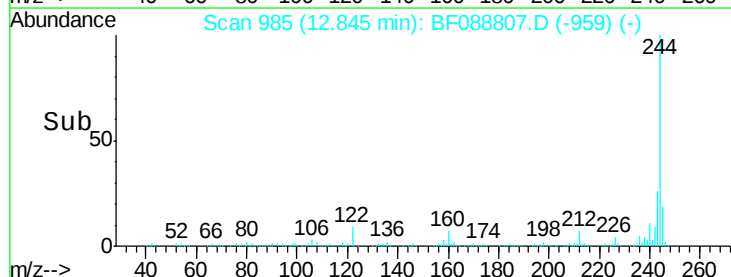
122 8.5 11.2 16.8#

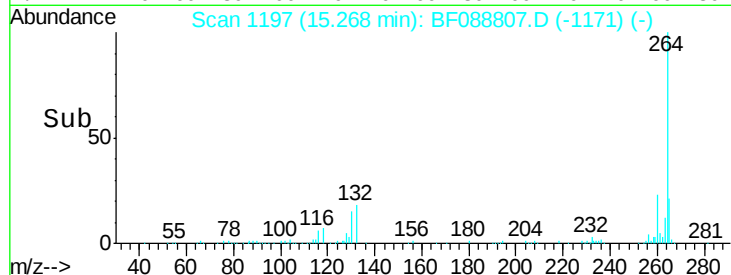
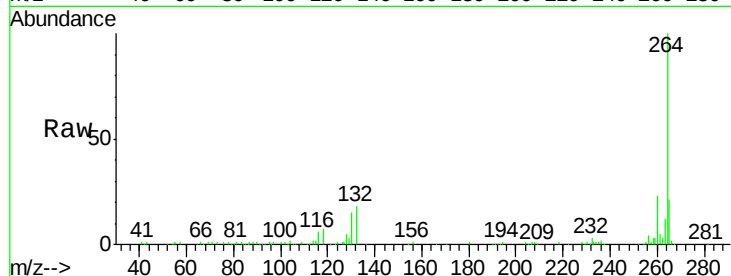
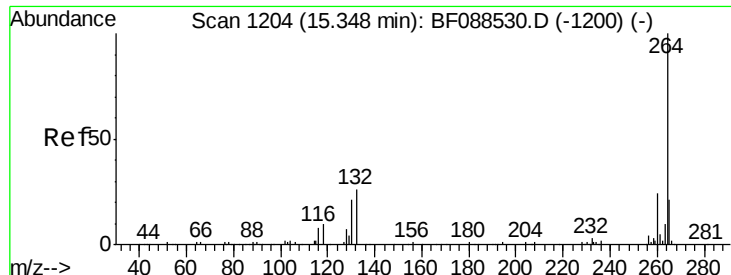


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF088807.D
Acq: 8 Jul 2016 5:27

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:	264	Resp:	145647
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.2	28.8
265	21.2	16.9	25.3

