

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071216\
 Data File : BF088945.D
 Acq On : 13 Jul 2016 5:21
 Operator : UM/SJ
 Sample : H3987-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-WALL-N-070816

Quant Time: Jul 13 06:52:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

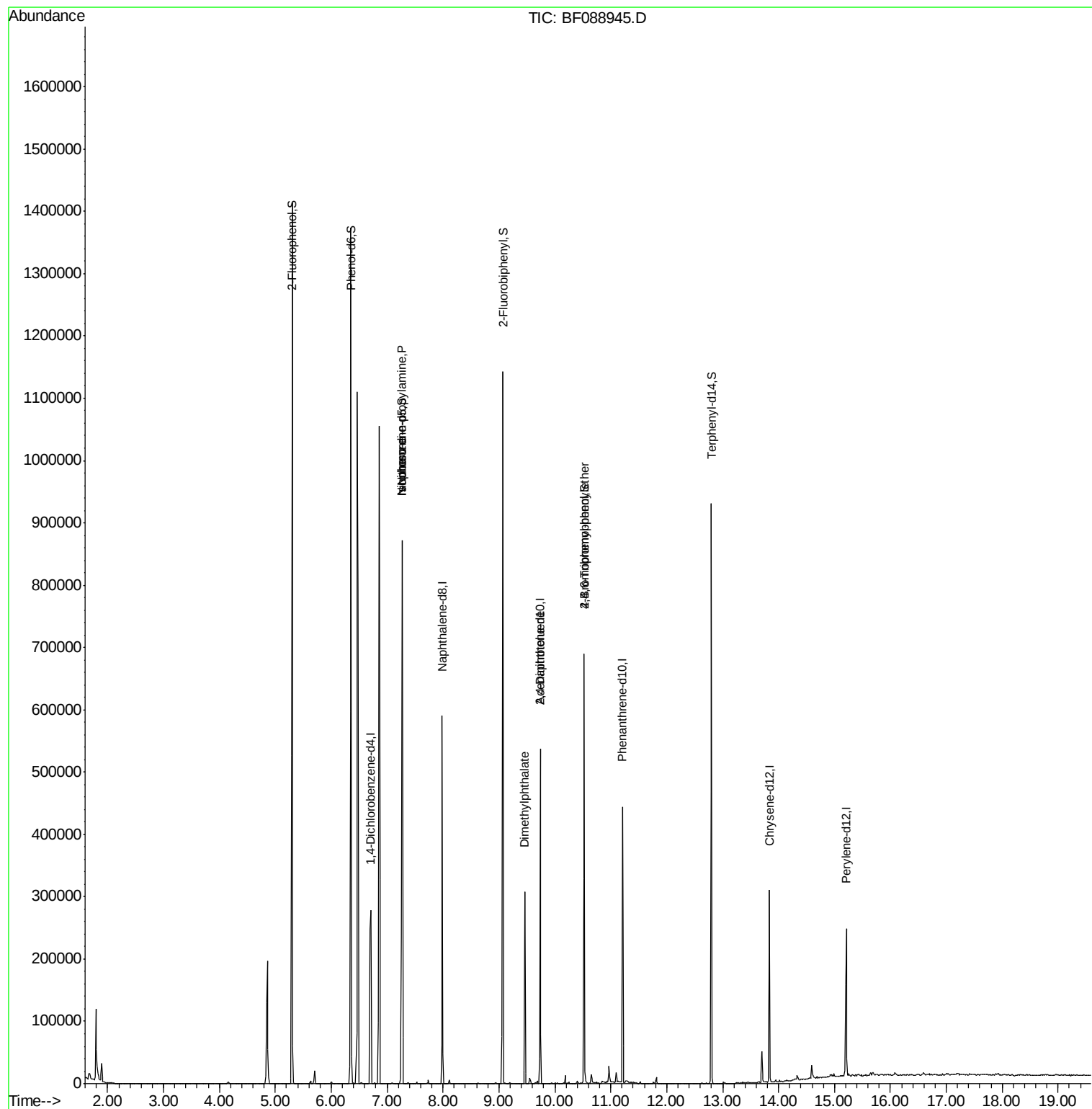
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	61040	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	235044	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	95320	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	143666	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	133413	20.00	ng	-0.01
86) Perylene-d12	15.21	264	108991	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	389497	95.63	ng	0.01
7) Phenol-d6	6.35	99	498027	94.63	ng	0.00
23) Nitrobenzene-d5	7.27	82	290502	64.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	87930	99.34	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	515293	85.39	ng	0.00
78) Terphenyl-d14	12.80	244	322748	53.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	39312	11.12	ng	# 74
25) Isophorone	7.27	82	230490	27.74	ng	# 65
49) Dimethylphthalate	9.46	163	108315	15.95	ng	100
56) 2,4-Dinitrotoluene	9.74	165	12167	6.18	ng	# 36
66) 4-Bromophenyl-phenylether	10.52	248	6376	4.40	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: 6.71 min Scan# 448

Delta R.T. -0.00 min

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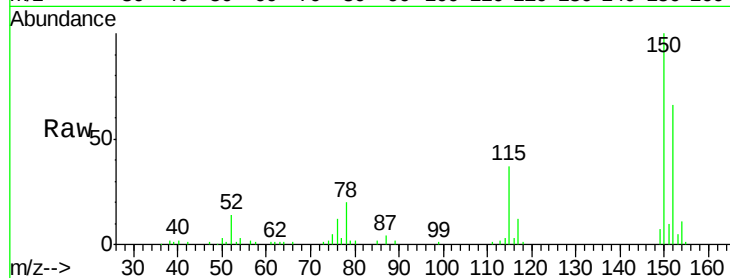
Tgt Ion:152 Resp: 61040

Ion Ratio Lower Upper

152 100

150 152.3 123.8 185.6

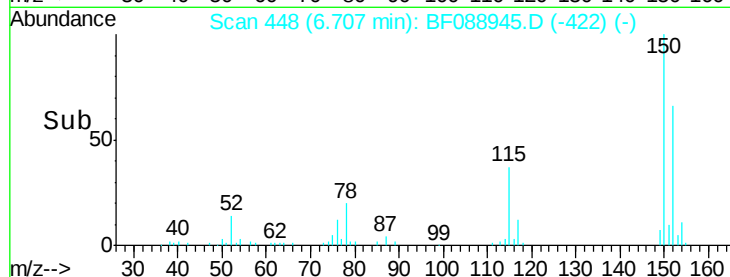
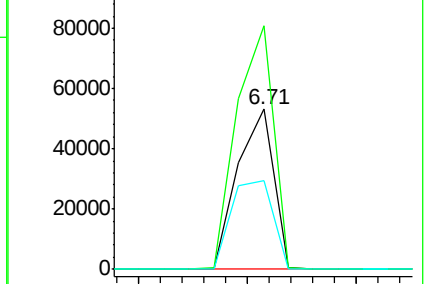
115 55.8 39.6 59.4



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: 95.63 ng

RT: 5.30 min Scan# 325

Delta R.T. 0.01 min

Lab File: BF088945.D

Acq: 13 Jul 2016 5:21

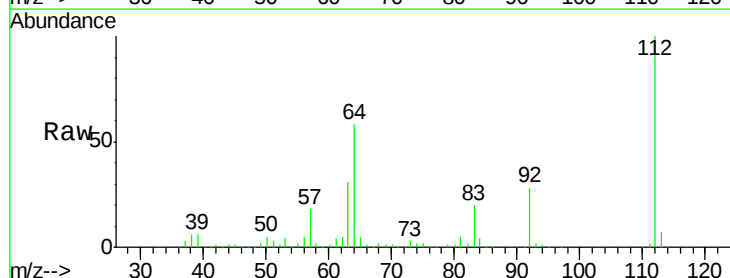
Tgt Ion:112 Resp: 389497

Ion Ratio Lower Upper

112 100

64 58.3 42.2 63.2

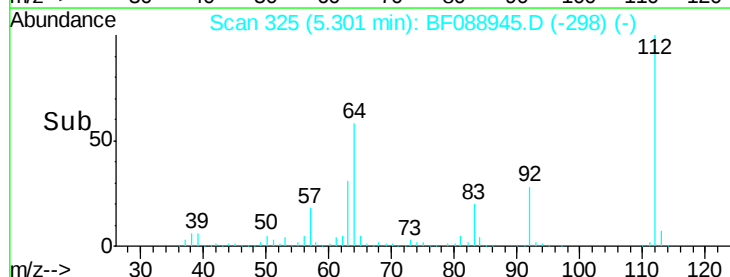
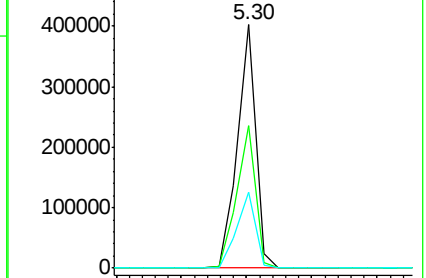
63 31.4 21.8 32.8



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: 94.63 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF088945.D

Acq: 13 Jul 2016 5:21

Instrument :

BNA_F

ClientSampleId :

COMP-WALL-N-070816

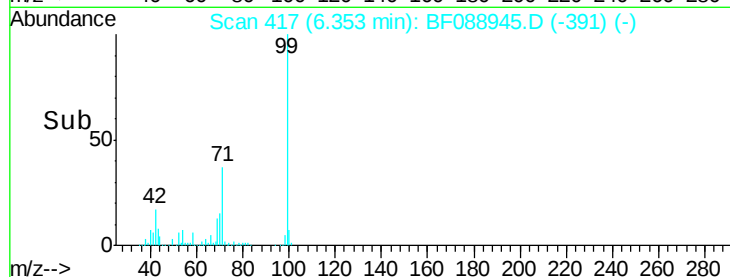
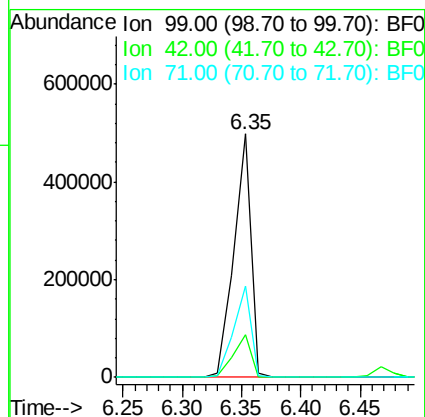
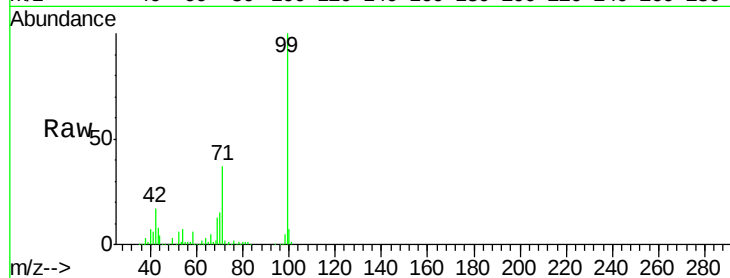
Tgt Ion: 99 Resp: 498027

Ion Ratio Lower Upper

99 100

42 17.4 12.2 18.2

71 37.3 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 11.12 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.13 min

Lab File: BF088945.D

Acq: 13 Jul 2016 5:21

Tgt Ion: 70 Resp: 39312

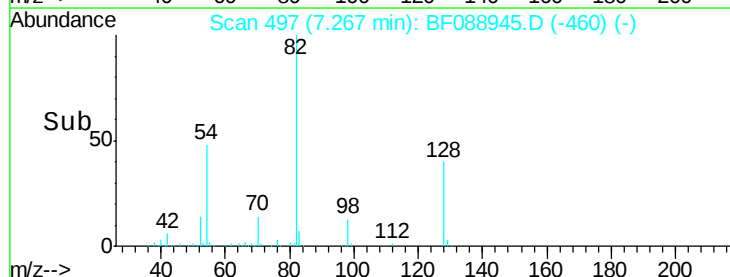
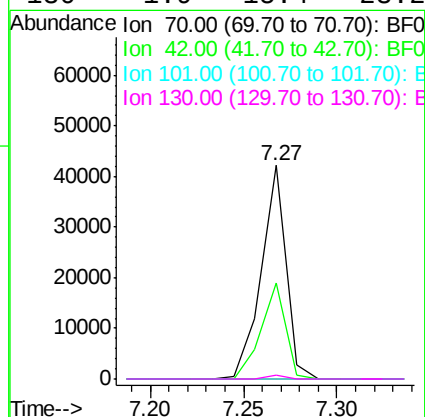
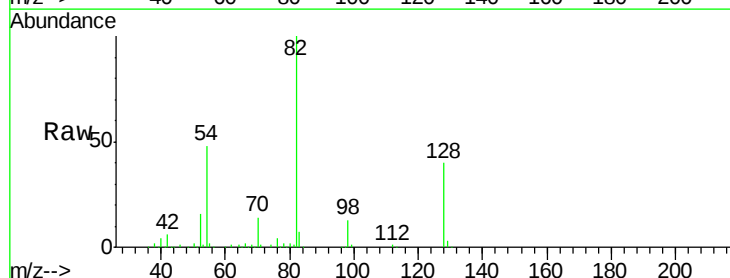
Ion Ratio Lower Upper

70 100

42 45.1 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: 7.99 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF088945.D

Acq: 13 Jul 2016 5:21

Instrument :

BNA_F

ClientSampleId :

COMP-WALL-N-070816

Tgt Ion: 136 Resp: 235044

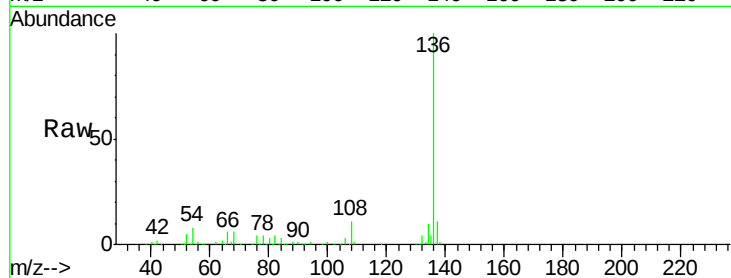
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.8 6.6 10.0

68 6.3 5.1 7.7

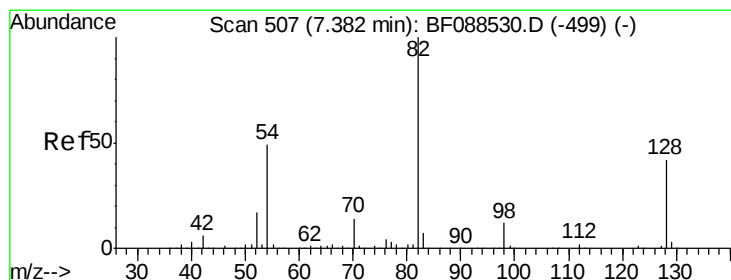
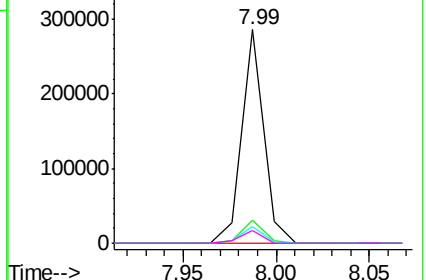
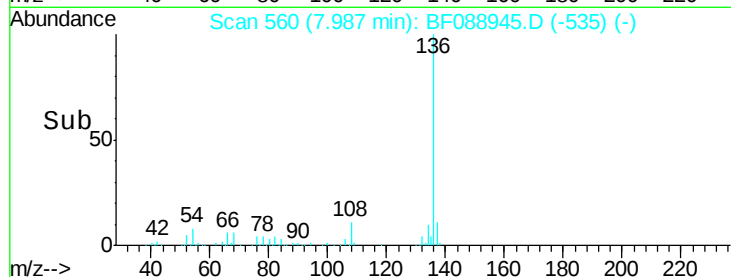


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.77 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF088945.D

Acq: 13 Jul 2016 5:21

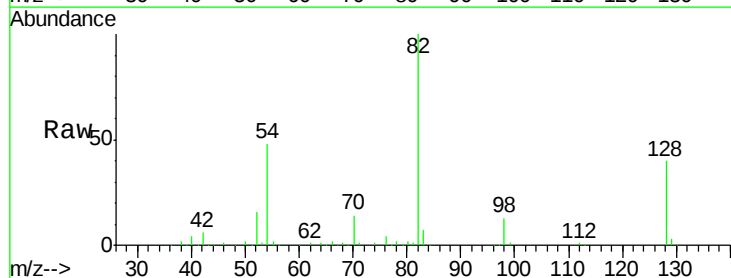
Tgt Ion: 82 Resp: 290502

Ion Ratio Lower Upper

82 100

128 39.9 35.9 53.9

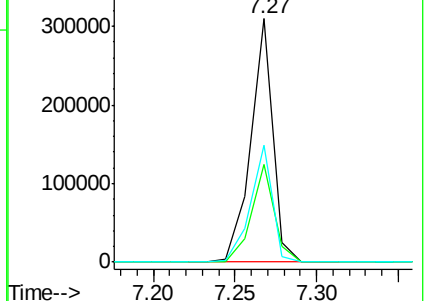
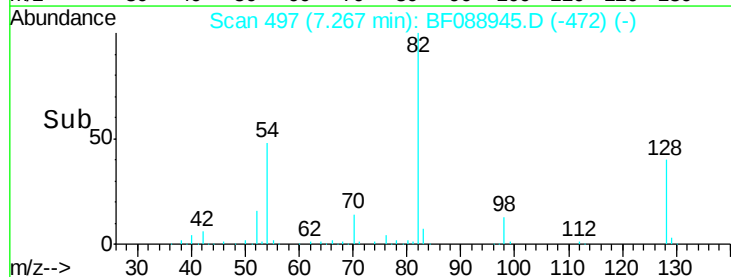
54 48.2 40.9 61.3

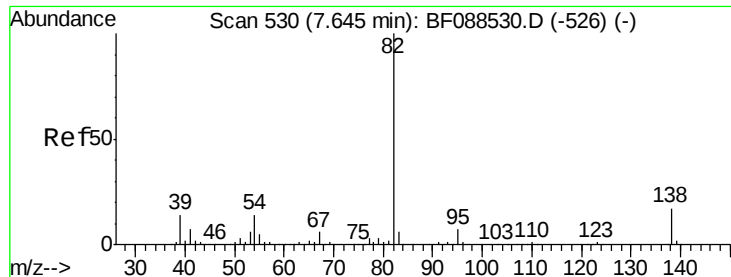


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 27.74 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.27 min

Lab File: BF088945.D

Acq: 13 Jul 2016 5:21

Instrument :

BNA_F

ClientSampleId :

COMP-WALL-N-070816

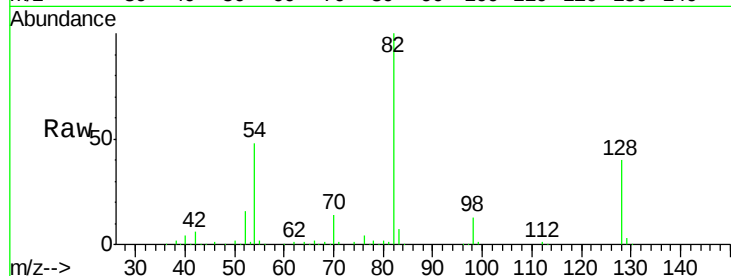
Tgt Ion: 82 Resp: 230490

Ion Ratio Lower Upper

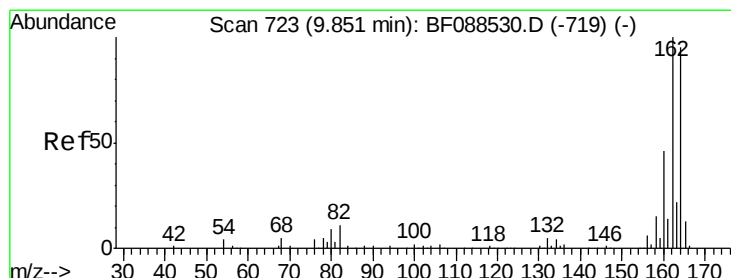
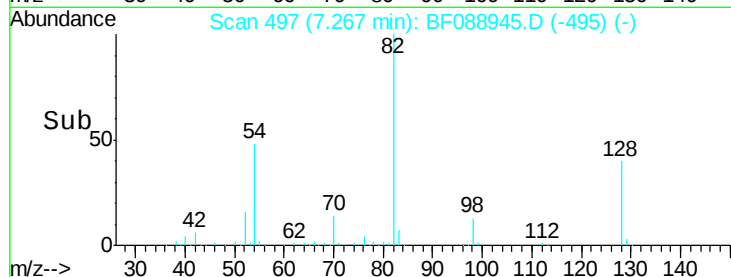
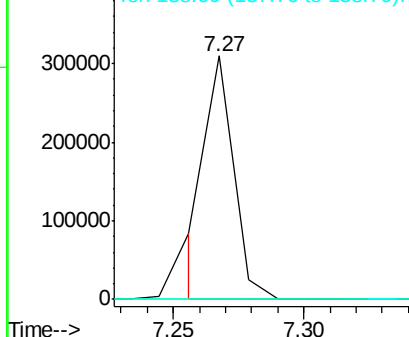
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF088945.D

Acq: 13 Jul 2016 5:21

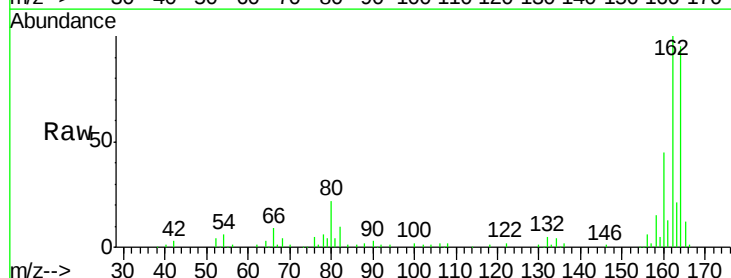
Tgt Ion: 164 Resp: 95320

Ion Ratio Lower Upper

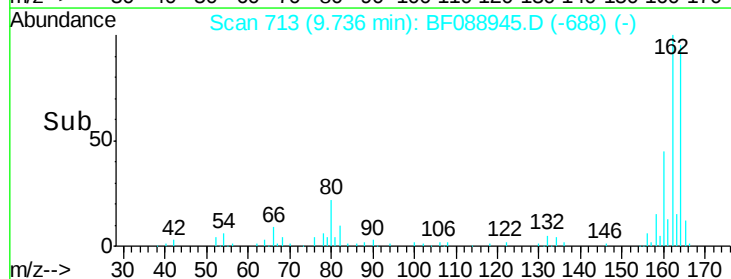
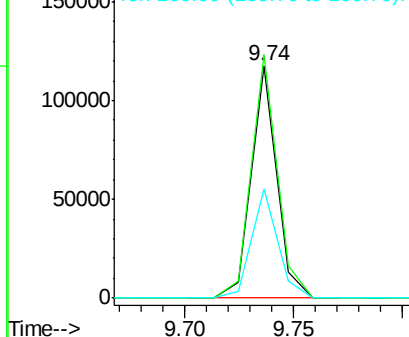
164 100

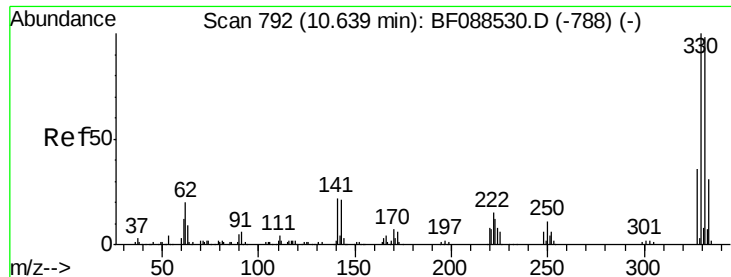
162 104.9 85.4 128.2

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

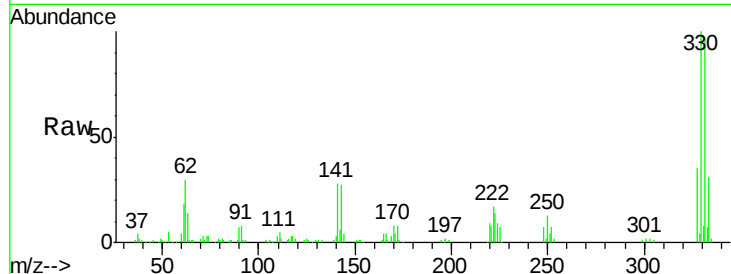




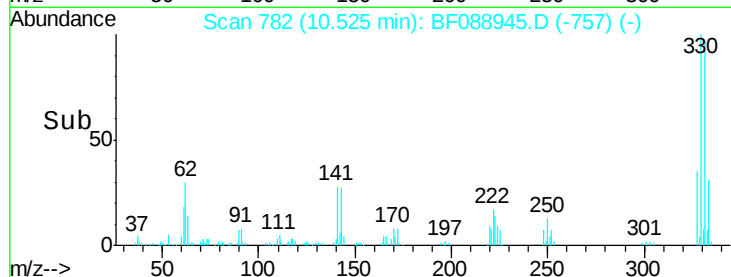
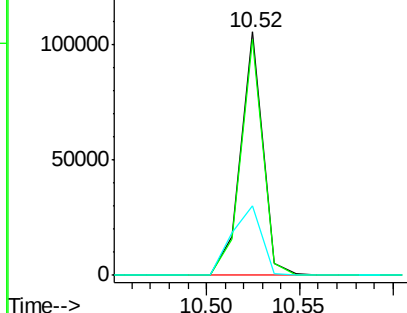
#41
 2,4,6-Tribromophenol
 Concen: 99.34 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF088945.D
 Acq: 13 Jul 2016 5:21

Instrument :
 BNA_F
 ClientSampleId :
 COMP-WALL-N-070816

Tgt Ion: 330 Resp: 87930
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 38.7 0.0 0.0#

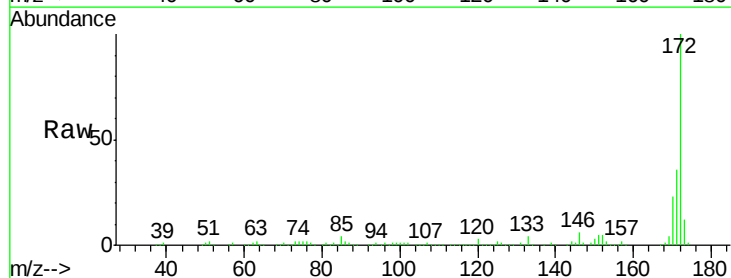


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

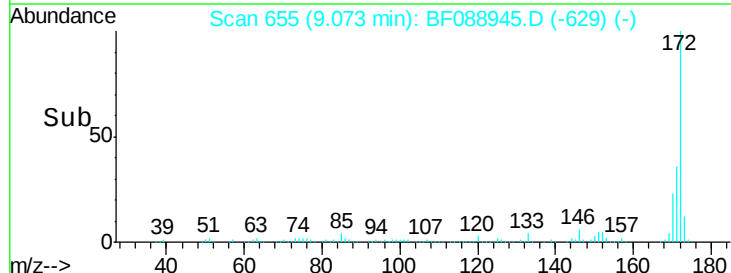
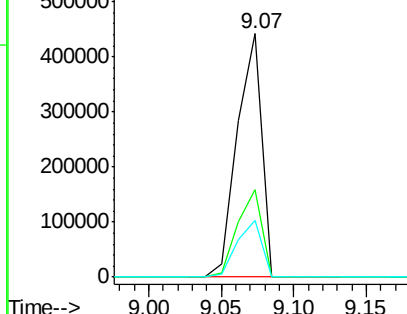


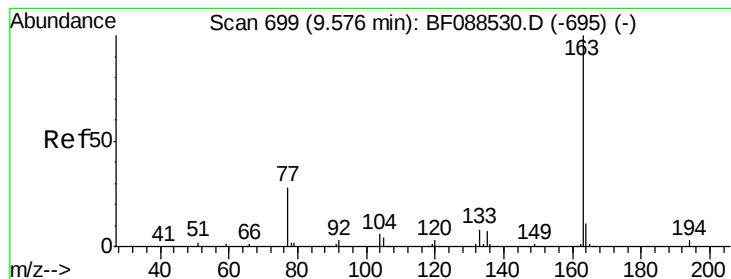
#44
 2-Fluorobiphenyl
 Concen: 85.39 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.00 min
 Lab File: BF088945.D
 Acq: 13 Jul 2016 5:21

Tgt Ion: 172 Resp: 515293
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 23.4 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: 15.95 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF088945.D

Acq: 13 Jul 2016 5:21

Instrument :

BNA_F

ClientSampleId :

COMP-WALL-N-070816

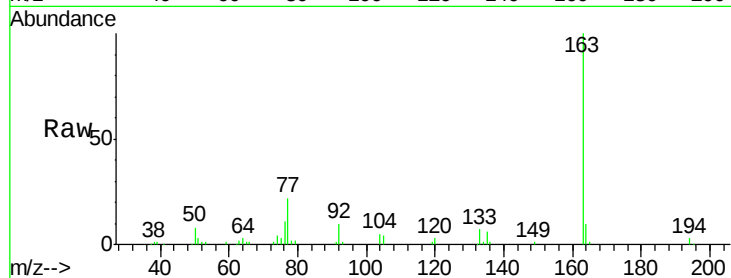
Tgt Ion:163 Resp: 108315

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

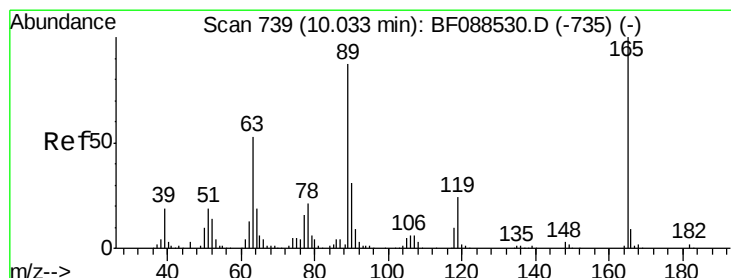
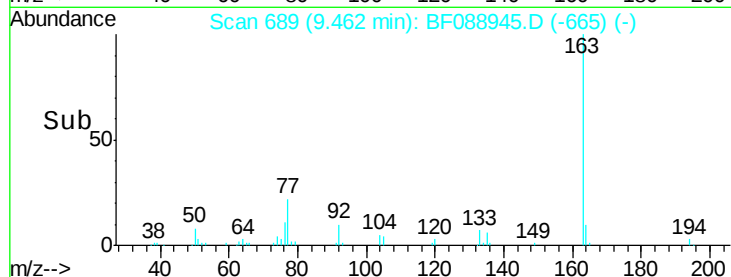
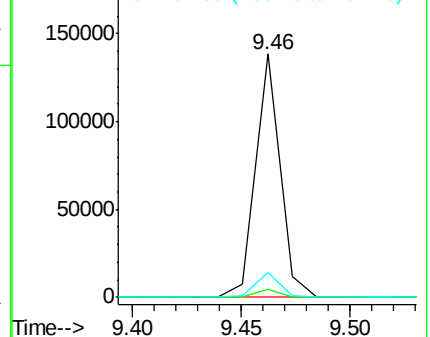
164 10.3 8.3 12.5



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: 6.18 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.21 min

Lab File: BF088945.D

Acq: 13 Jul 2016 5:21

Tgt Ion:165 Resp: 12167

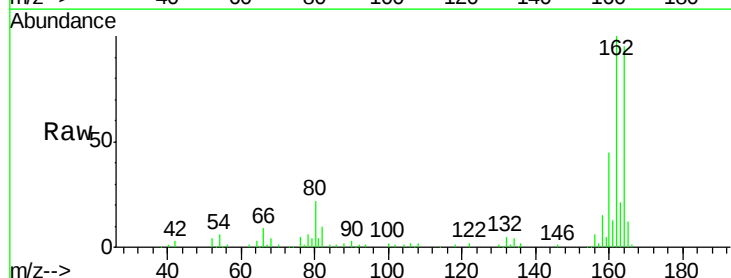
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 0.0 41.1 61.7#

182 0.0 2.0 3.0#

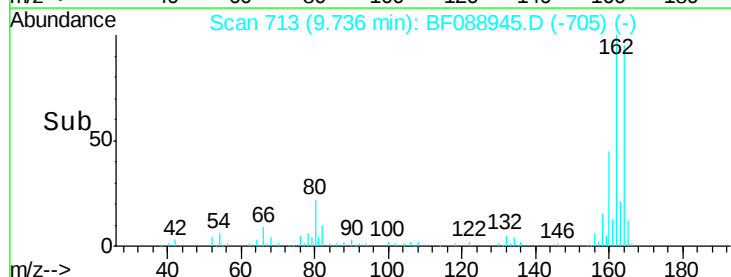
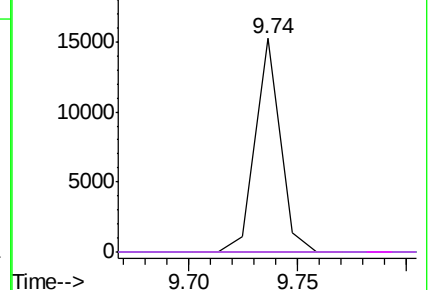


Abundance Ion 165.00 (164.70 to 165.70): E

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

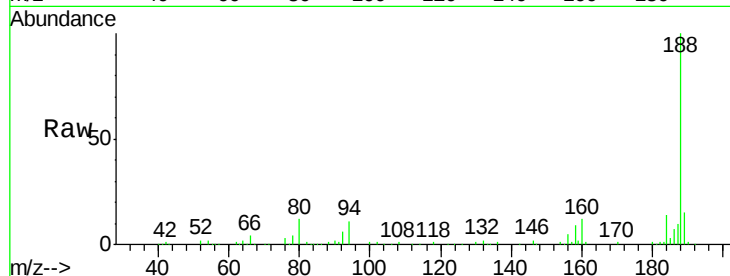




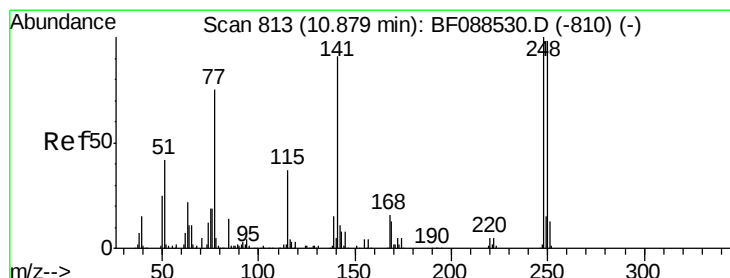
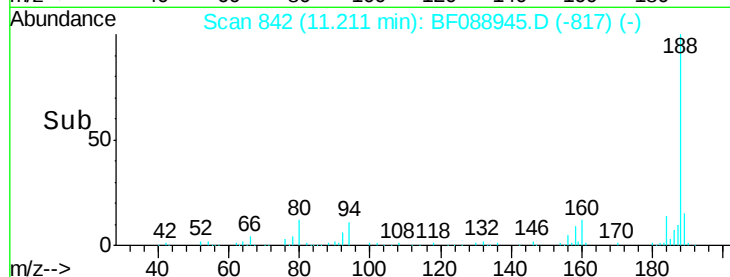
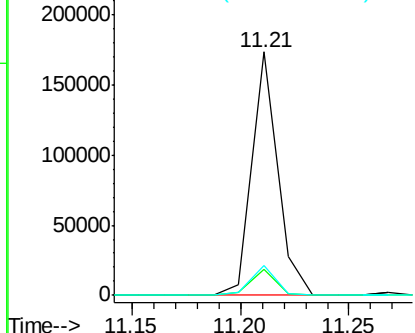
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF088945.D
Acq: 13 Jul 2016 5:21

Instrument :
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ClientSampleId :
COMP-WALL-N-070816

Tgt Ion:188 Resp: 143666
Ion Ratio Lower Upper
188 100
94 10.8 9.0 13.6
80 12.1 10.0 15.0

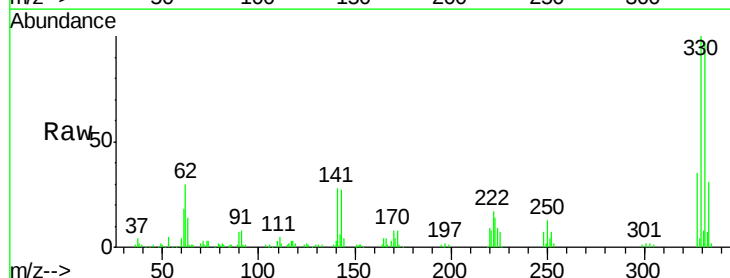


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

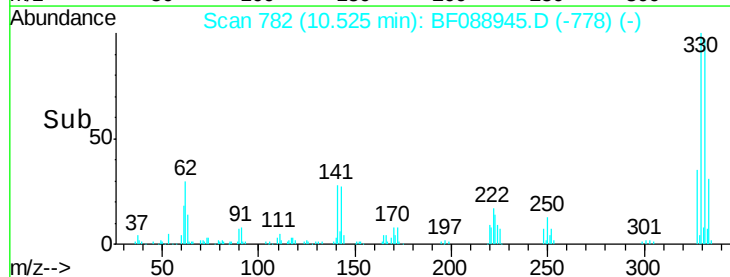
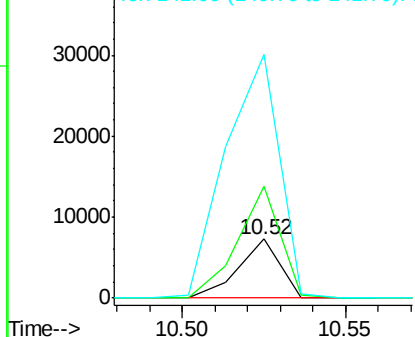


#66
4-Bromophenyl-phenylether
Concen: 4.40 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.25 min
Lab File: BF088945.D
Acq: 13 Jul 2016 5:21

Tgt Ion:248 Resp: 6376
Ion Ratio Lower Upper
248 100
250 190.2 77.1 115.7#
141 412.5 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: 13.84 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF088945.D

Acq: 13 Jul 2016 5:21

Instrument :

BNA_F

ClientSampleId :

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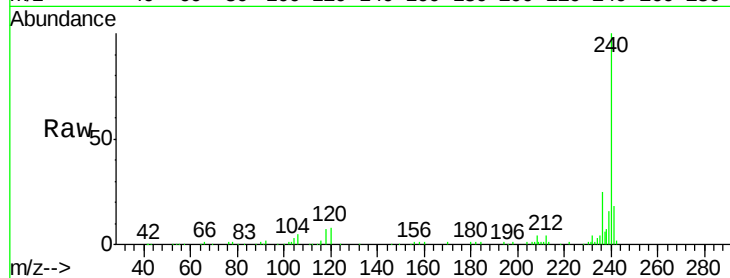
Tgt Ion:240 Resp: 133413

Ion Ratio Lower Upper

240 100

120 7.5 6.8 10.2

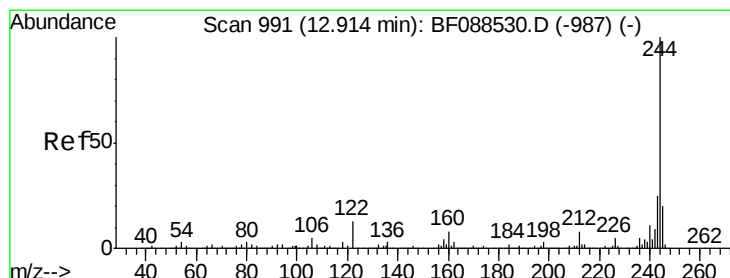
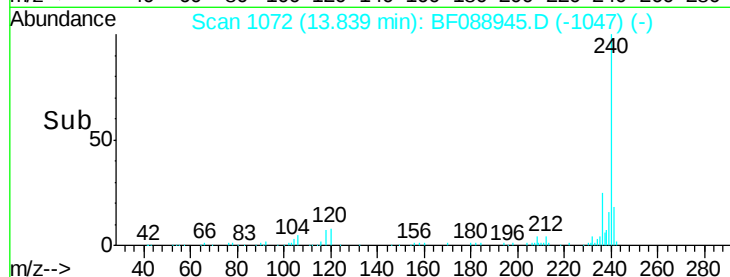
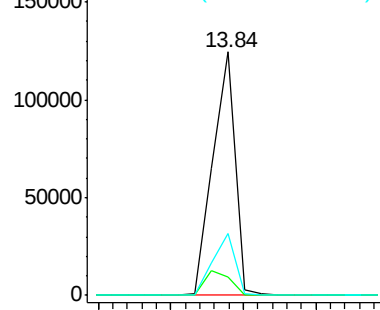
236 25.3 20.2 30.2



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: 53.88 ng

RT: 12.80 min Scan# 981

Delta R.T. -0.00 min

Lab File: BF088945.D

Acq: 13 Jul 2016 5:21

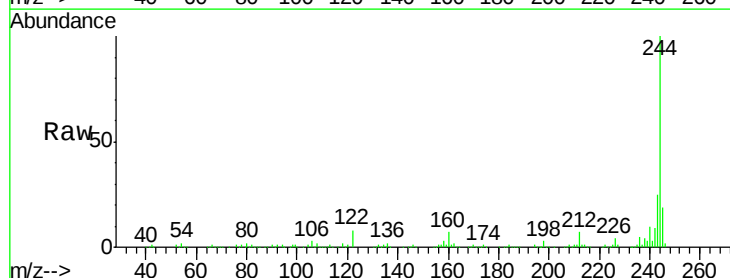
Tgt Ion:244 Resp: 322748

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

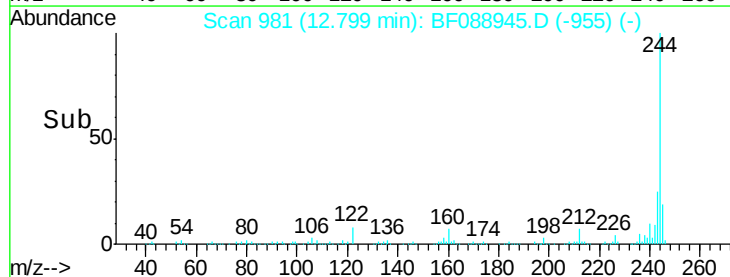
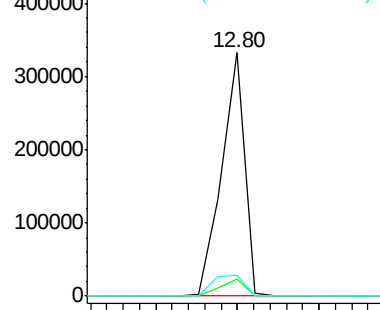
122 8.5 11.2 16.8#

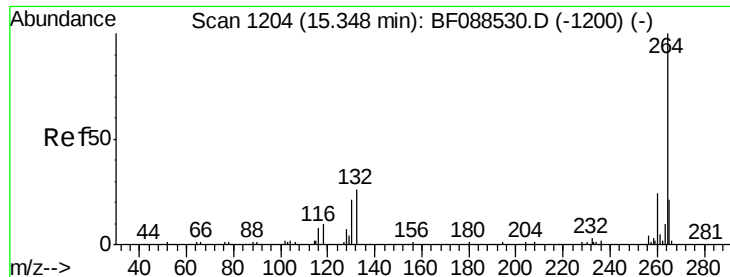


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.21 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BF088945.D
Acq: 13 Jul 2016 5:21

Instrument :
BNA_F
ClientSampleId :
COMP-WALL-N-070816

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.0	16.9	25.3

