

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088581.D
 Acq On : 1 Jul 2016 18:16
 Operator : UM/SJ
 Sample : H3836-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C1.1-03

Quant Time: Jul 01 18:59:53 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

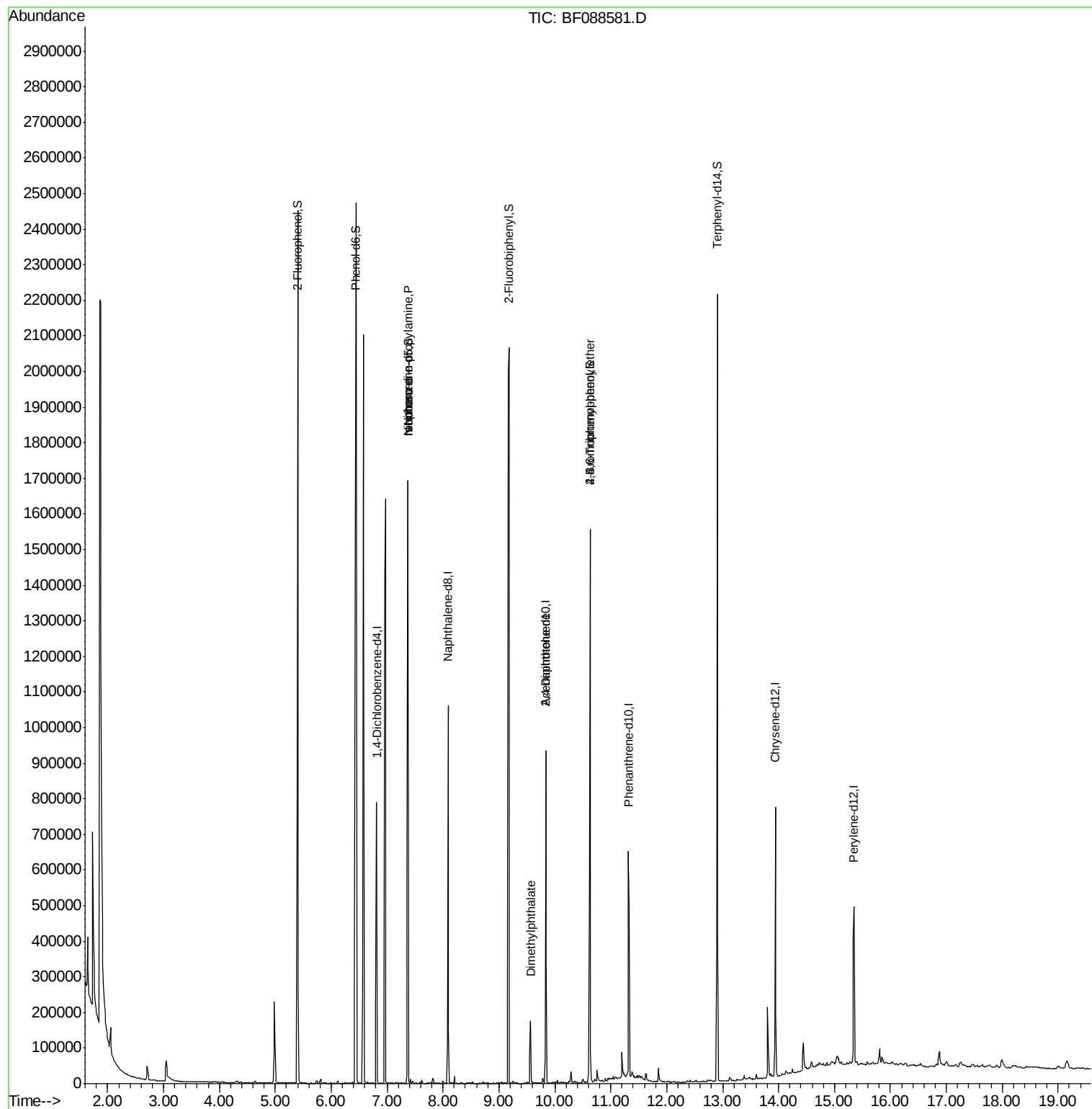
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	118007	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	434126	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	186342	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	306814	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	233198	20.00	ng	-0.01
86) Perylene-d12	15.35	264	211767	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	688093	87.39	ng	0.00
7) Phenol-d6	6.44	99	1054255	103.62	ng	0.00
23) Nitrobenzene-d5	7.37	82	571174	68.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	167202	96.63	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	1001829	84.92	ng	0.00
78) Terphenyl-d14	12.90	244	641217	61.24	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	77530	11.34	ng	# 74
25) Isophorone	7.37	82	430504	28.05	ng	# 65
49) Dimethylphthalate	9.56	163	80515	6.06	ng	99
56) 2,4-Dinitrotoluene	9.84	165	23969	6.23	ng	# 38
66) 4-Bromophenyl-phenylether	10.63	248	12163	3.93	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: 6.81 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF088581.D

Acq: 1 Jul 2016 18:16

Instrument :

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ClientSampleId :

C1.1-03

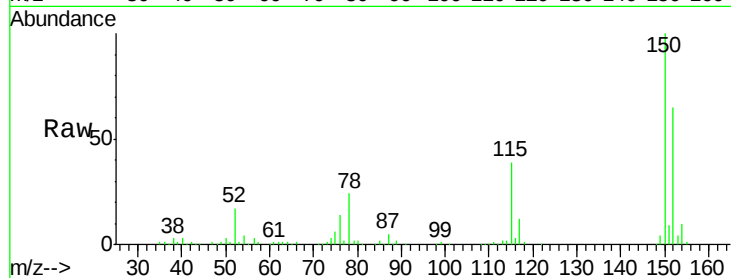
Tgt Ion:152 Resp: 118007

Ion Ratio Lower Upper

152 100

150 154.0 123.8 185.6

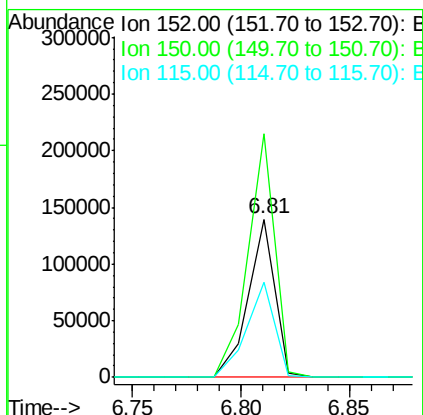
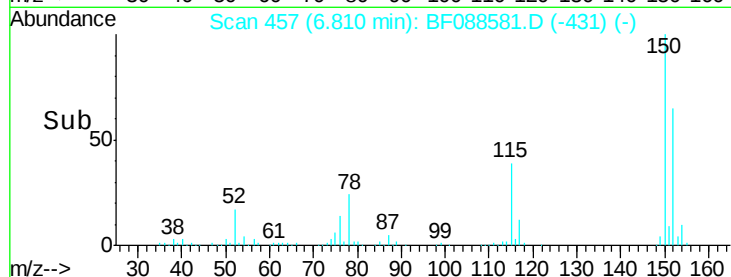
115 60.5 39.6 59.4#



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: 87.39 ng

RT: 5.40 min Scan# 334

Delta R.T. 0.00 min

Lab File: BF088581.D

Acq: 1 Jul 2016 18:16

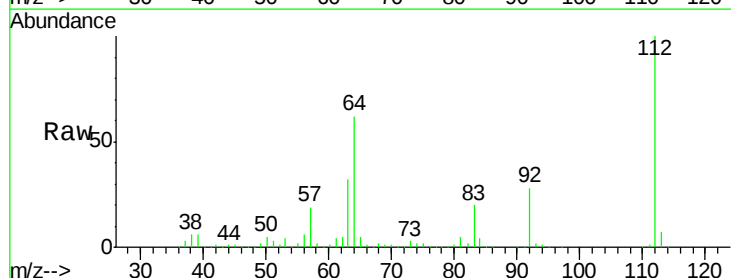
Tgt Ion:112 Resp: 688093

Ion Ratio Lower Upper

112 100

64 61.9 42.2 63.2

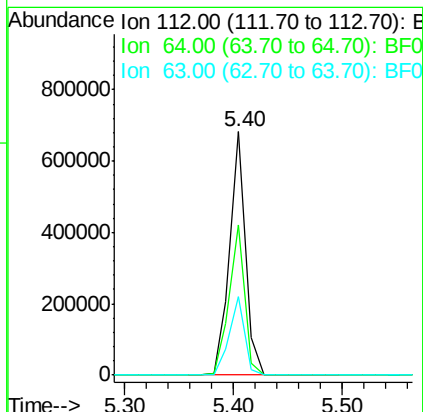
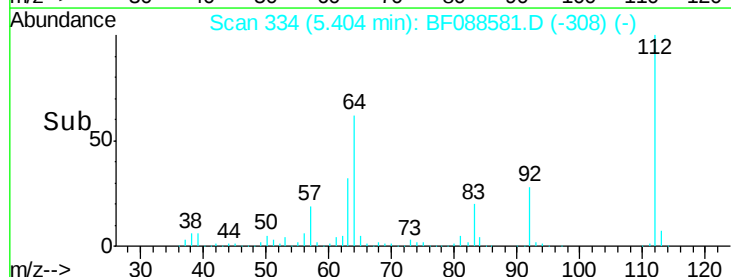
63 32.4 21.8 32.8



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: 103.62 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088581.D

Acq: 1 Jul 2016 18:16

Instrument :

BNA_F

ClientSampleId :

C1.1-03

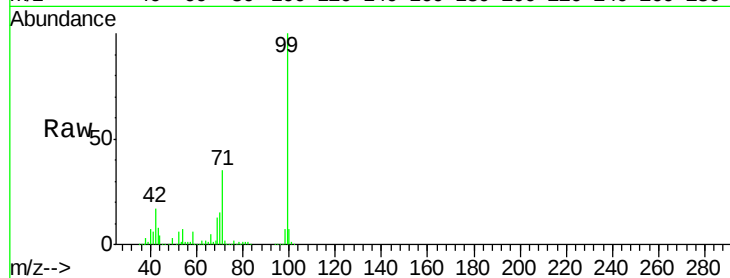
Tgt Ion: 99 Resp: 1054255

Ion Ratio Lower Upper

99 100

42 16.7 12.2 18.2

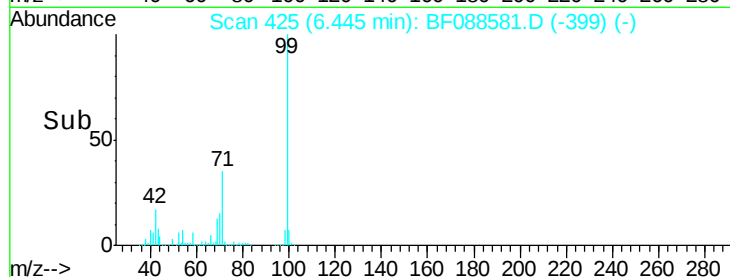
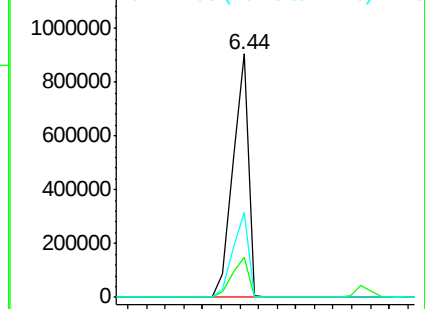
71 35.1 23.4 35.0#



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: 11.34 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.14 min

Lab File: BF088581.D

Acq: 1 Jul 2016 18:16

Tgt Ion: 70 Resp: 77530

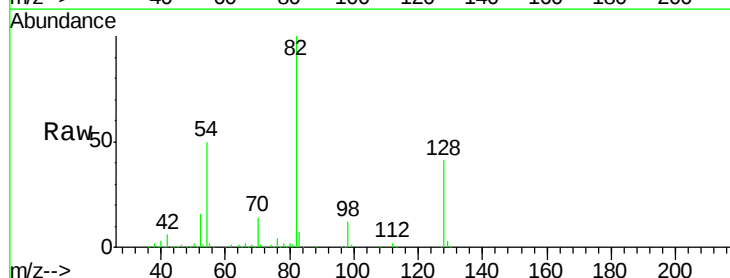
Ion Ratio Lower Upper

70 100

42 44.2 49.6 74.4#

101 0.0 7.1 10.7#

130 1.9 15.4 23.2#

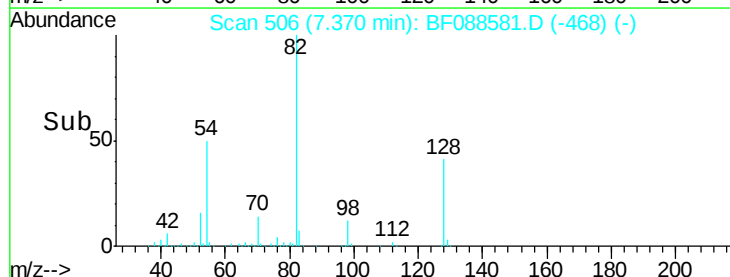
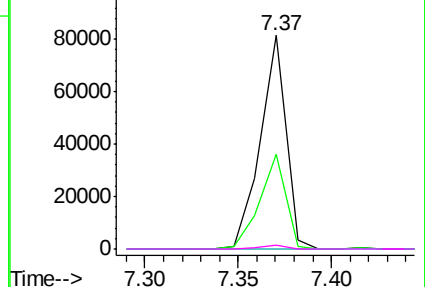


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.09 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF088581.D

Acq: 1 Jul 2016 18:16

Instrument :

BNA_F

ClientSampleId :

C1.1-03

Tgt Ion: 136 Resp: 434126

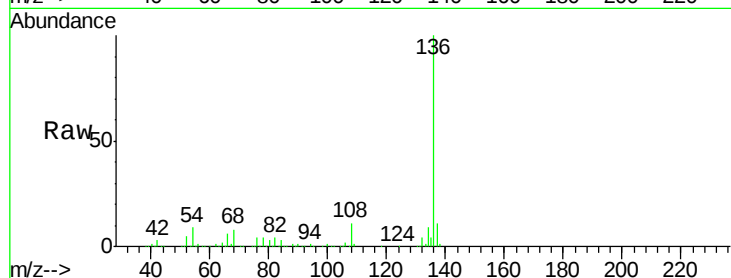
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 9.1 6.6 10.0

68 7.6 5.1 7.7

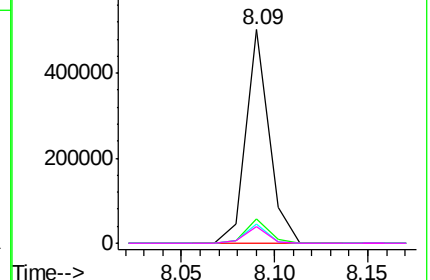
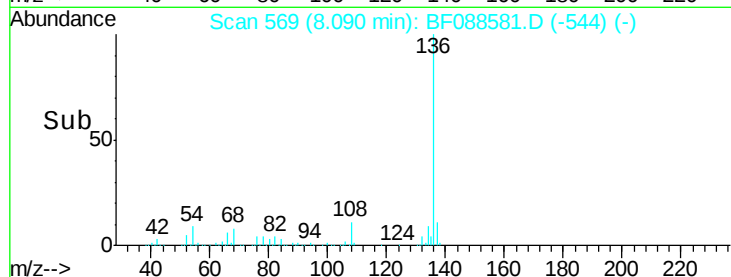


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.95 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF088581.D

Acq: 1 Jul 2016 18:16

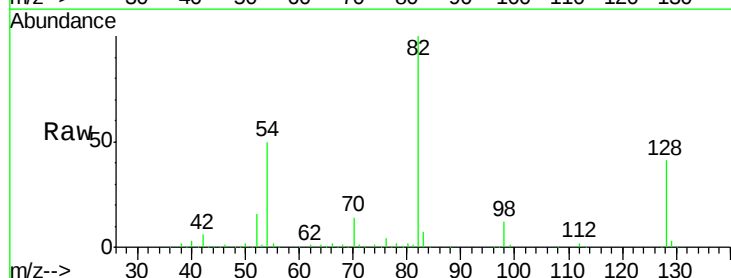
Tgt Ion: 82 Resp: 571174

Ion Ratio Lower Upper

82 100

128 41.3 35.9 53.9

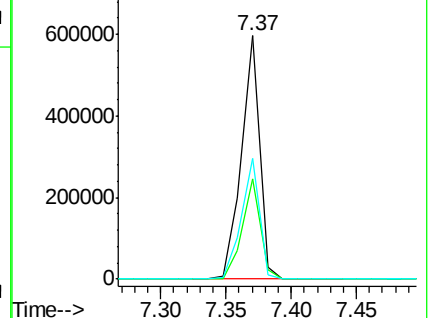
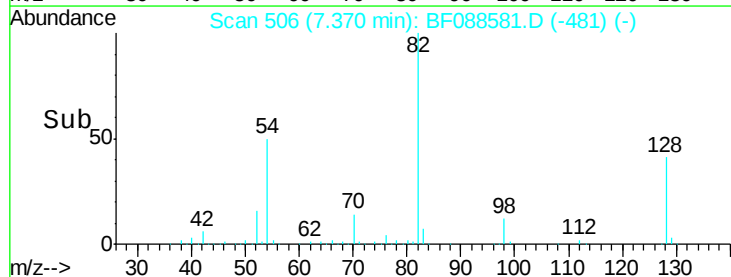
54 49.6 40.9 61.3

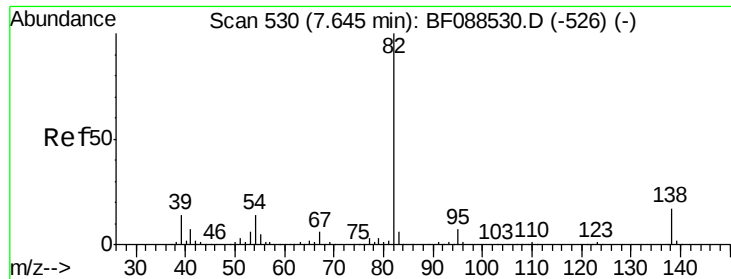


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 28.05 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.27 min

Lab File: BF088581.D

Acq: 1 Jul 2016 18:16

Instrument :

BNA_F

ClientSampleId :

C1.1-03

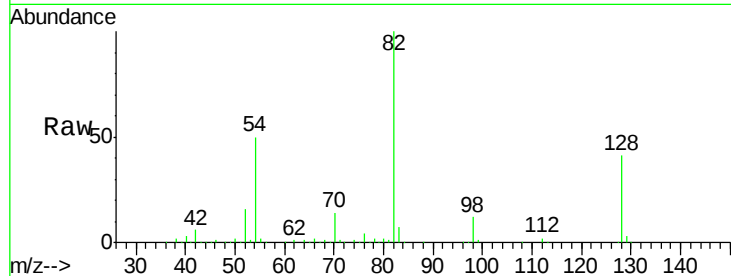
Tgt Ion: 82 Resp: 430504

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 14.6 21.8#

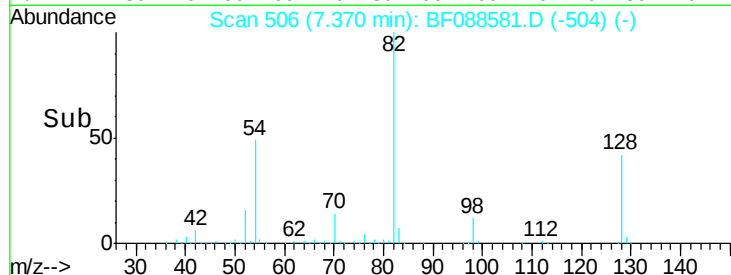


Abundance Ion 82.00 (81.70 to 82.70): BF0

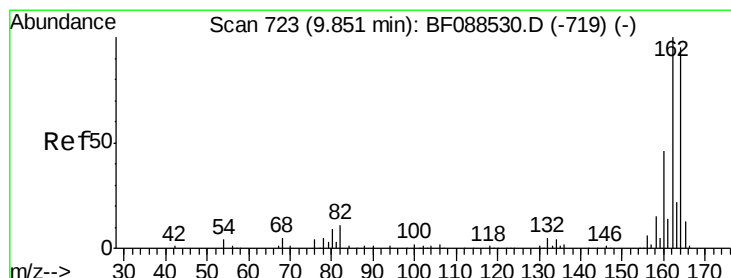
Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

Time-->



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF088581.D

Acq: 1 Jul 2016 18:16

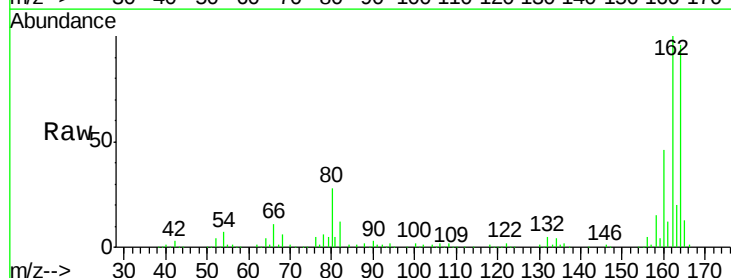
Tgt Ion: 164 Resp: 186342

Ion Ratio Lower Upper

164 100

162 104.4 85.4 128.2

160 47.5 39.5 59.3

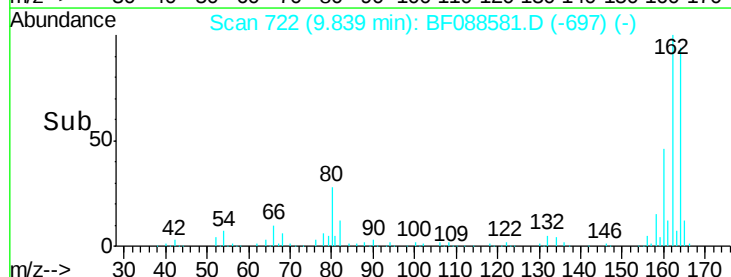


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



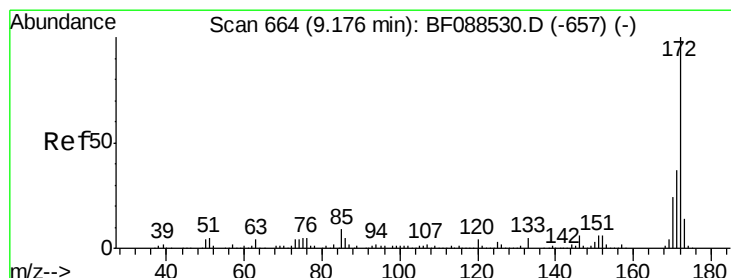
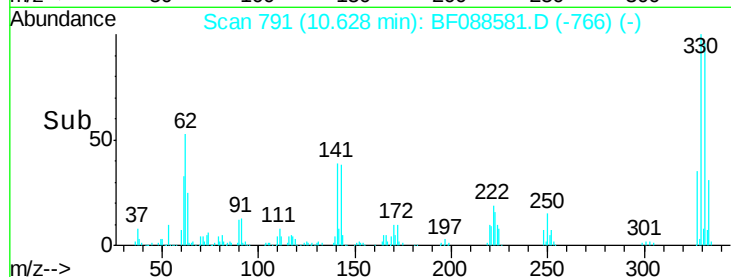
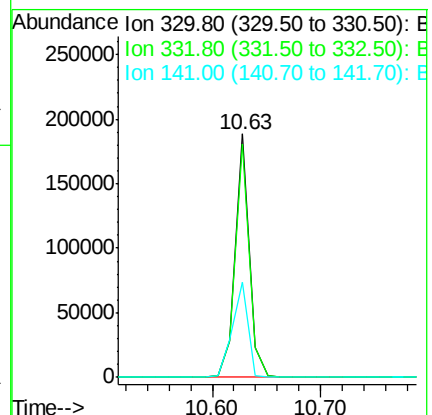
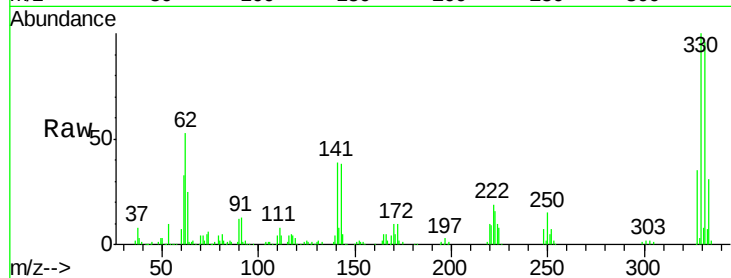
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 96.63 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF088581.D
 Acq: 1 Jul 2016 18:16

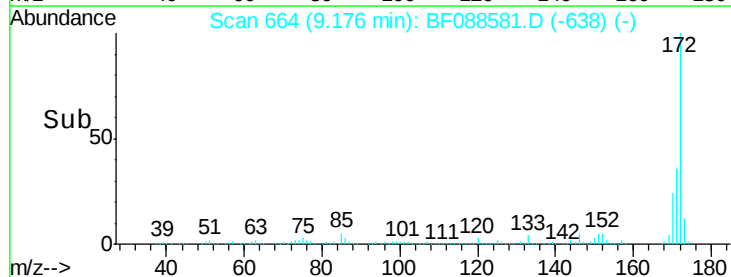
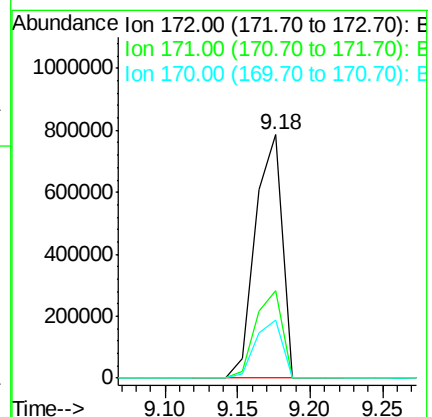
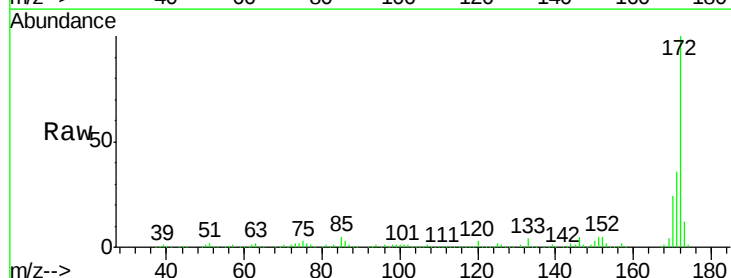
Instrument :
 BNA_F
 ClientSampleId :
 C1.1-03

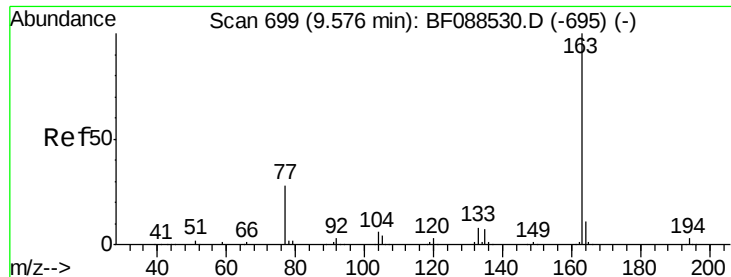
Tgt Ion:330 Resp: 167202
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 43.3 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 84.92 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF088581.D
 Acq: 1 Jul 2016 18:16

Tgt Ion:172 Resp: 1001829
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 23.9 19.2 28.8





#49

Dimethylphthalate

Concen: 6.06 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF088581.D

Acq: 1 Jul 2016 18:16

Instrument :

BNA_F

ClientSampleId :

C1.1-03

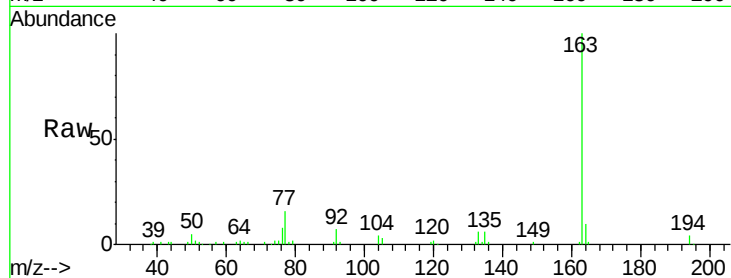
Tgt Ion:163 Resp: 80515

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

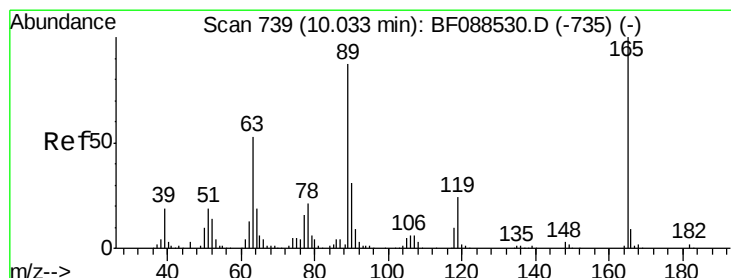
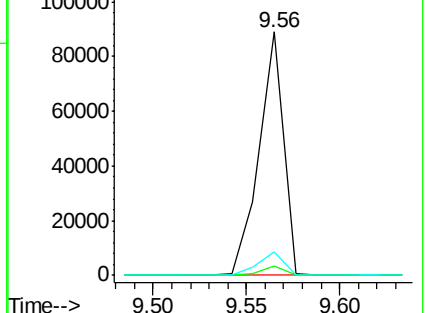
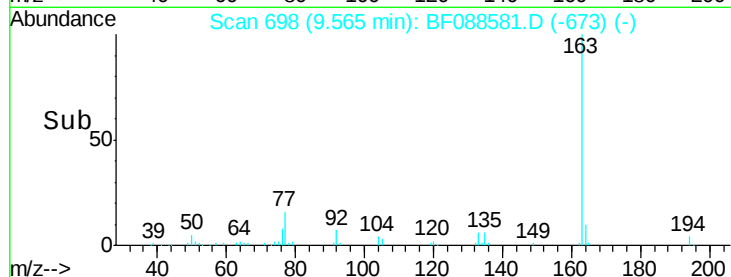
164 9.9 8.3 12.5



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: 6.23 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.19 min

Lab File: BF088581.D

Acq: 1 Jul 2016 18:16

Tgt Ion:165 Resp: 23969

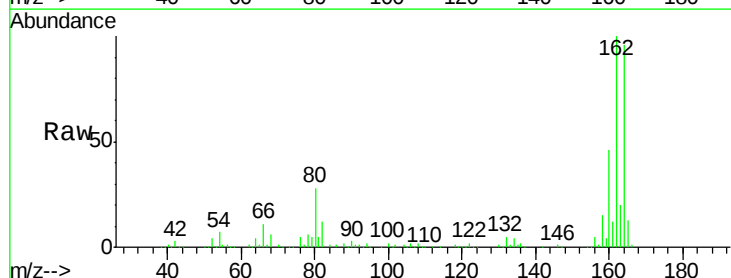
Ion Ratio Lower Upper

165 100

63 1.7 22.0 33.0#

89 1.8 41.1 61.7#

182 0.0 2.0 3.0#

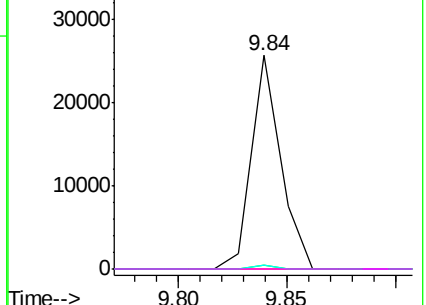
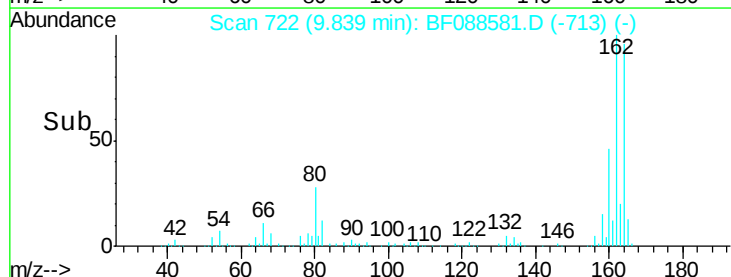


Abundance Ion 165.00 (164.70 to 165.70): E

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

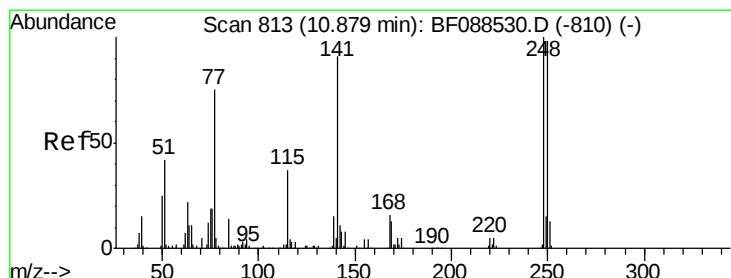
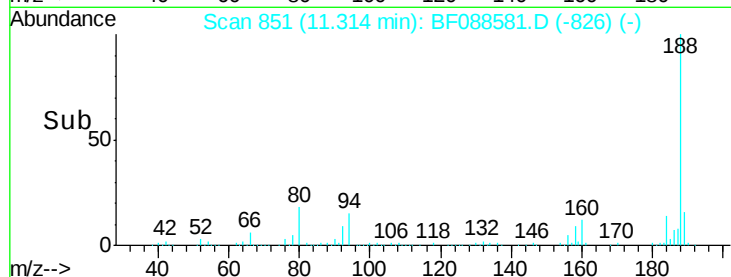
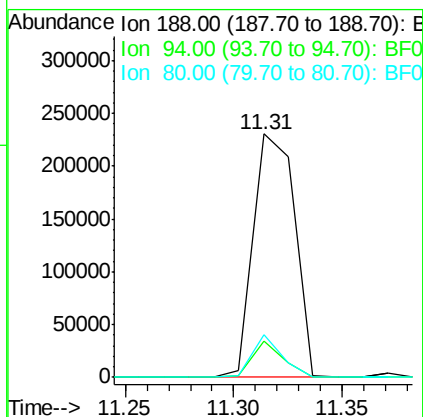
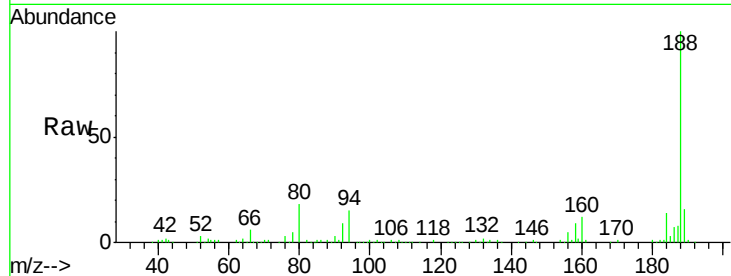




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF088581.D
Acq: 1 Jul 2016 18:16

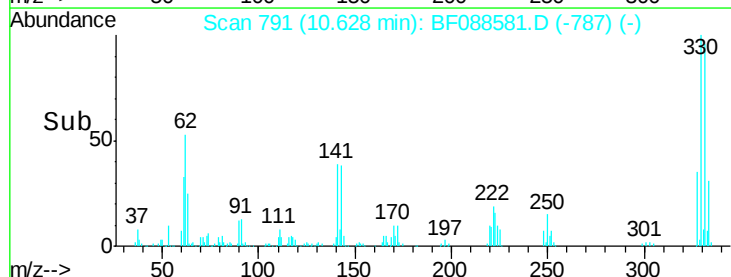
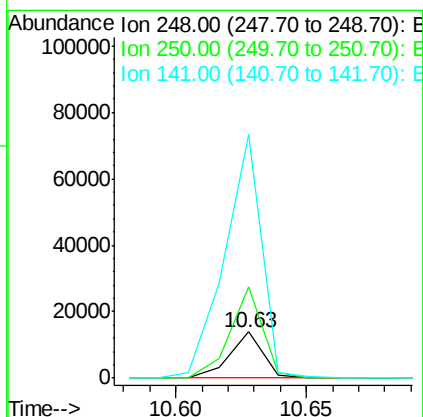
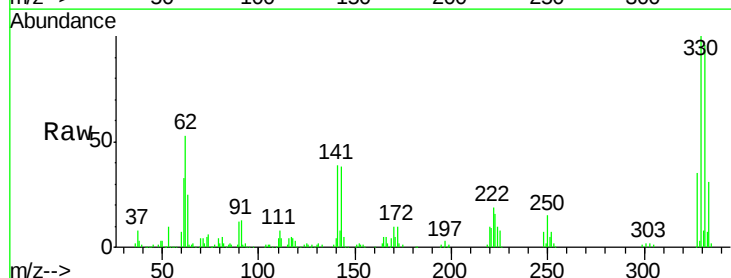
Instrument :
BNA_F
ClientSampleId :
C1.1-03

Tgt Ion:188 Resp: 306814
Ion Ratio Lower Upper
188 100
94 14.9 9.0 13.6#
80 17.6 10.0 15.0#



#66
4-Bromophenyl-phenylether
Concen: 3.93 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.25 min
Lab File: BF088581.D
Acq: 1 Jul 2016 18:16

Tgt Ion:248 Resp: 12163
Ion Ratio Lower Upper
248 100
250 197.0 77.1 115.7#
141 525.9 50.6 76.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BF088581.D

Acq: 1 Jul 2016 18:16

Instrument :

BNA_F

ClientSampleId :

C1.1-03

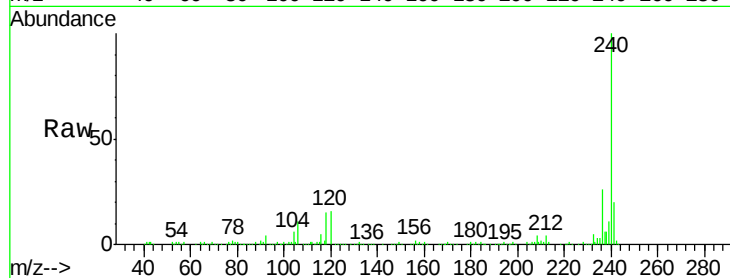
Tgt Ion:240 Resp: 233198

Ion Ratio Lower Upper

240 100

120 16.1 6.8 10.2#

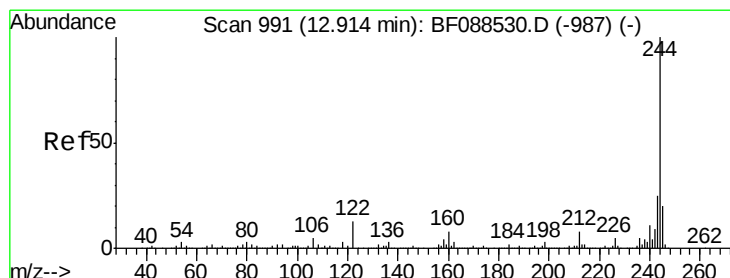
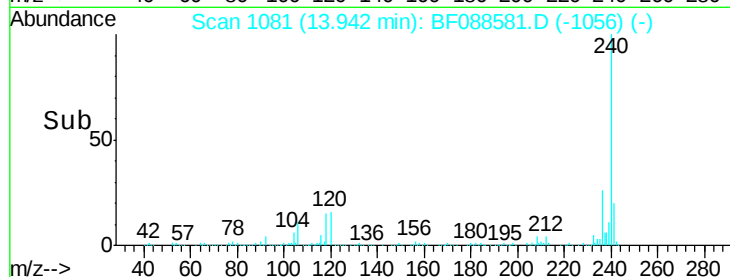
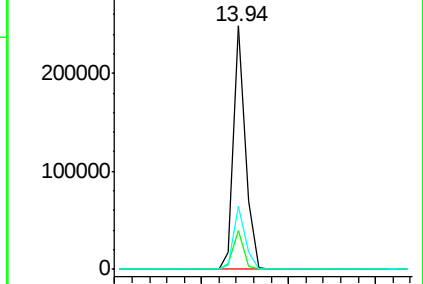
236 25.9 20.2 30.2



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: 61.24 ng

RT: 12.90 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF088581.D

Acq: 1 Jul 2016 18:16

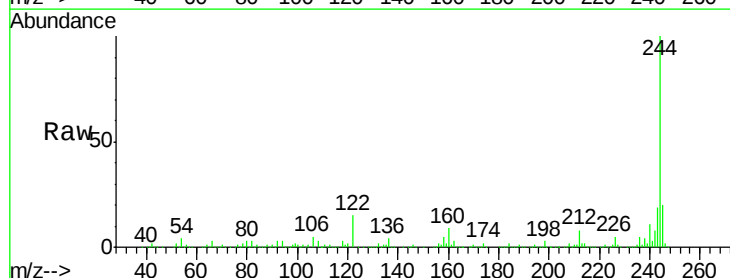
Tgt Ion:244 Resp: 641217

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

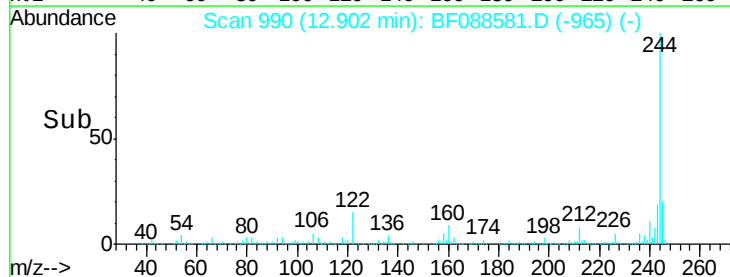
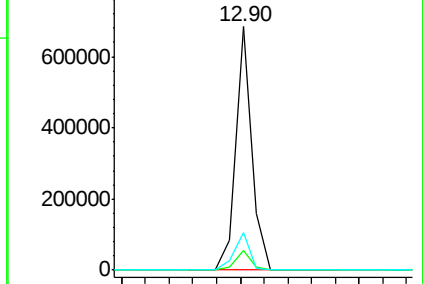
122 15.4 11.2 16.8

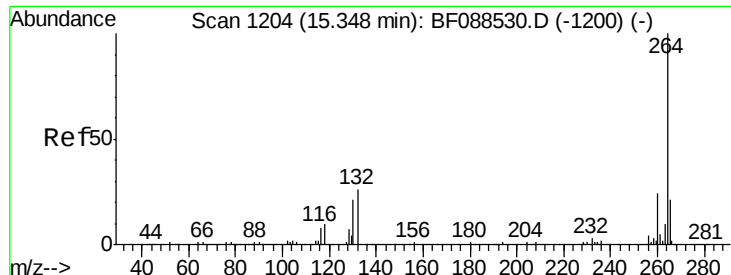


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

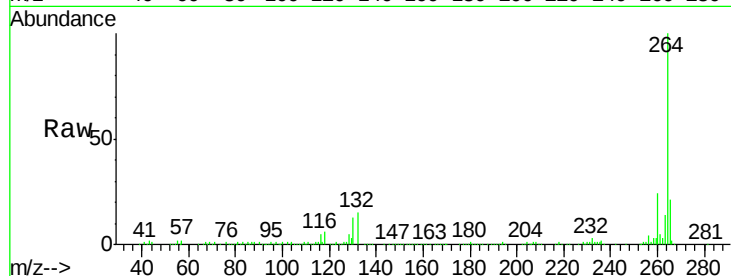




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF088581.D
Acq: 1 Jul 2016 18:16

Instrument :
BNA_F
ClientSampleId :
C1.1-03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.4	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

