

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088603.D
 Acq On : 2 Jul 2016 5:30
 Operator : UM/SJ
 Sample : H3831-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-18-COMP

Quant Time: Jul 02 06:07:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 02 02:24:16 2016
 Response via : Initial Calibration

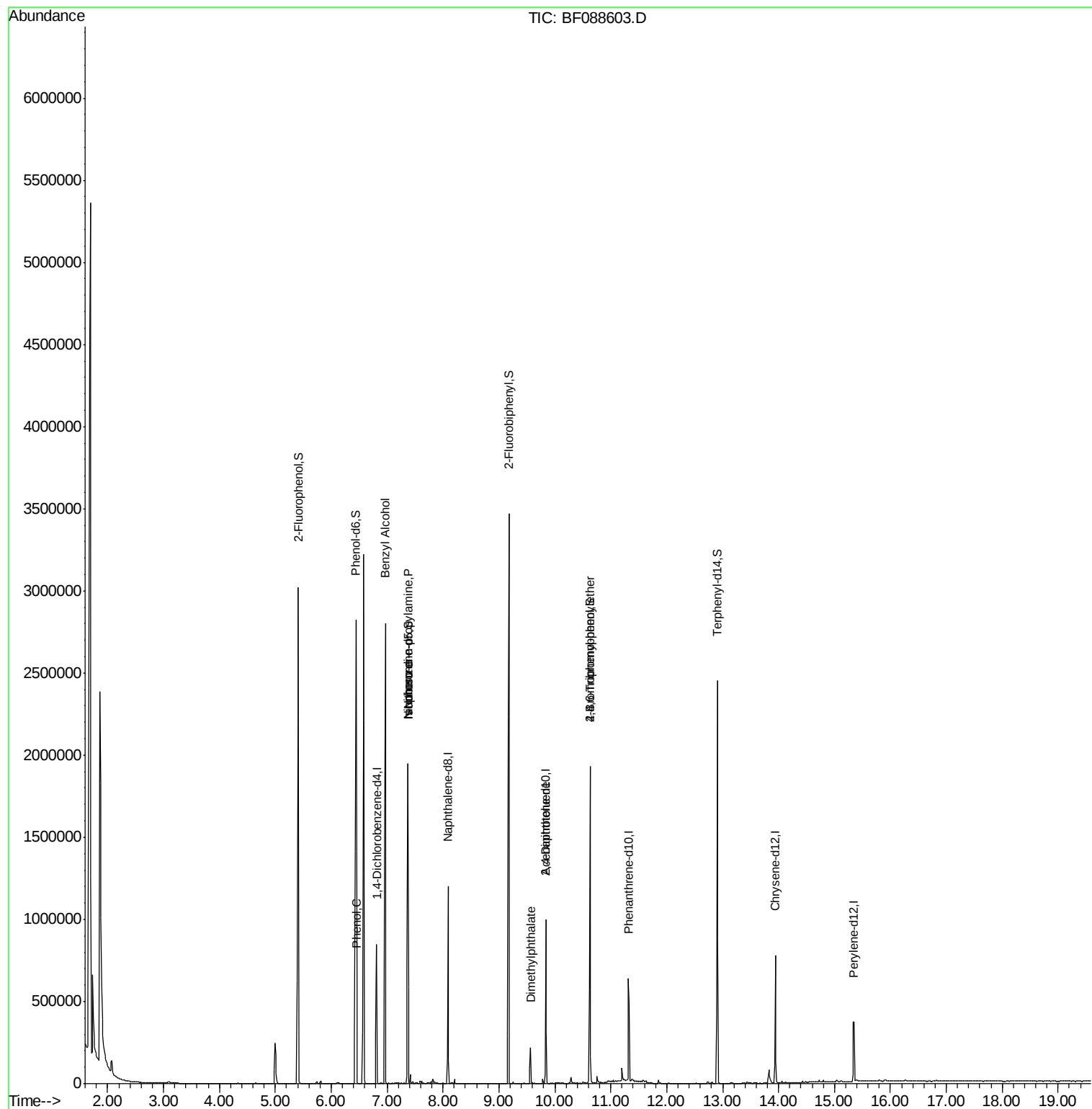
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	132476	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	479617	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	190750	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	299175	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	237792	20.00	ng	-0.01
86) Perylene-d12	15.35	264	199607	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1145599	129.60	ng	0.02
7) Phenol-d6	6.44	99	1225476	107.29	ng	0.00
23) Nitrobenzene-d5	7.37	82	795664	86.94	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	200266	113.06	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1360360	112.65	ng	0.00
78) Terphenyl-d14	12.90	244	821270	76.93	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.46	94	35395	2.72	ng	81
15) Benzyl Alcohol	6.97	79	16888	2.01	ng	# 40
19) n-Nitroso-di-n-propylamine	7.37	70	107505	14.01	ng	# 74
25) Isophorone	7.37	82	609062	35.93	ng	# 65
49) Dimethylphthalate	9.56	163	100352	7.38	ng	98
56) 2,4-Dinitrotoluene	9.84	165	24579	6.24	ng	# 38
66) 4-Bromophenyl-phenylether	10.63	248	14216	4.72	ng	# 1

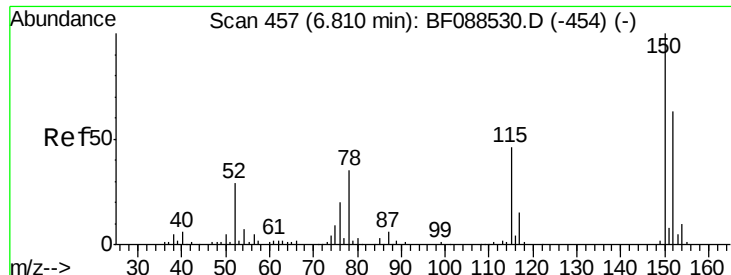
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF088603.D

Acq: 2 Jul 2016 5:30

Instrument :

BNA_F

ClientSampleId :

SB-18-COMP

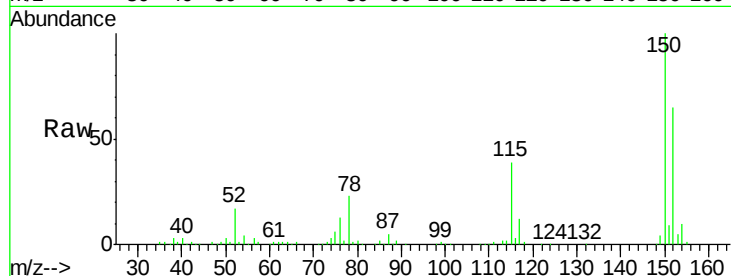
Tgt Ion:152 Resp: 132476

Ion Ratio Lower Upper

152 100

150 153.9 123.8 185.6

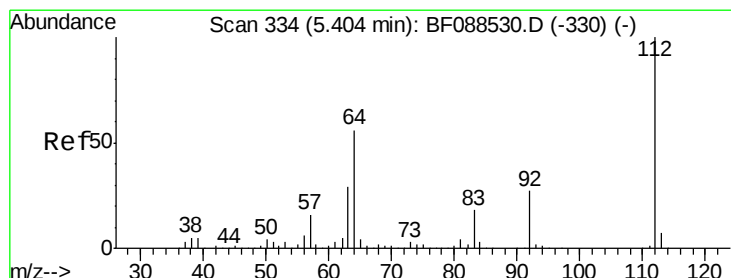
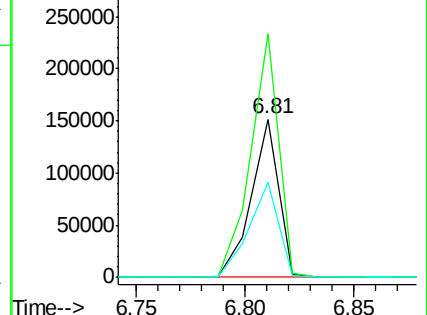
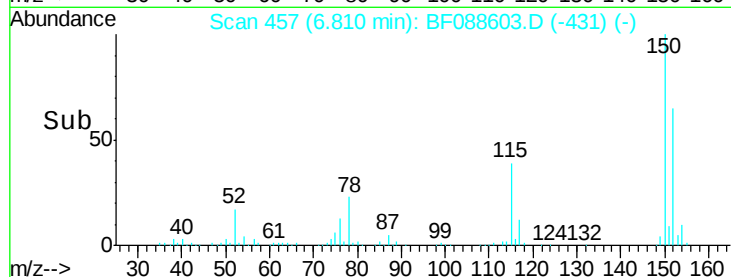
115 59.9 39.6 59.4#



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: 129.60 ng

RT: 5.42 min Scan# 335

Delta R.T. 0.02 min

Lab File: BF088603.D

Acq: 2 Jul 2016 5:30

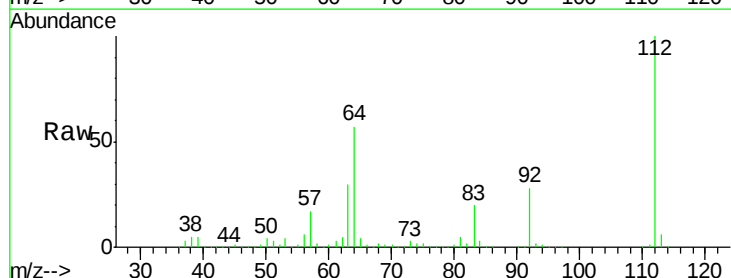
Tgt Ion:112 Resp: 1145599

Ion Ratio Lower Upper

112 100

64 56.7 42.2 63.2

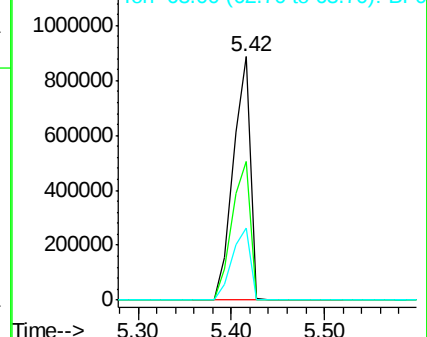
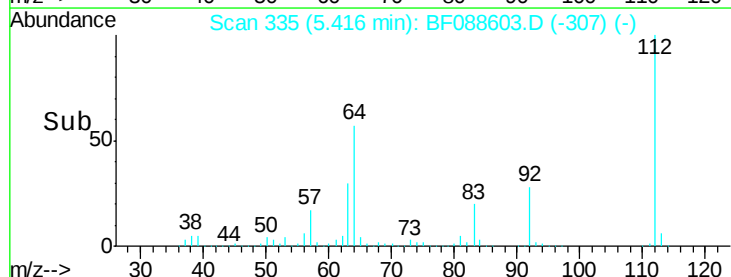
63 29.7 21.8 32.8

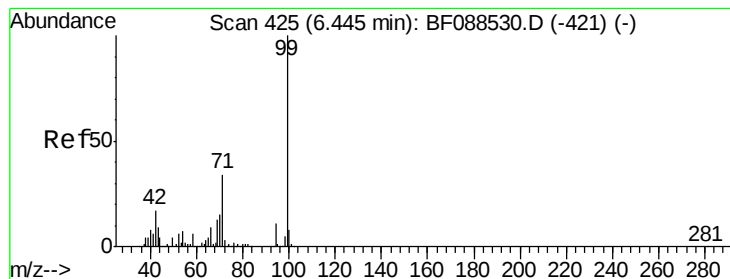


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.29 ng

RT: 6.44 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF088603.D

Acq: 2 Jul 2016 5:30

Instrument :

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ClientSampleId :

SB-18-COMP

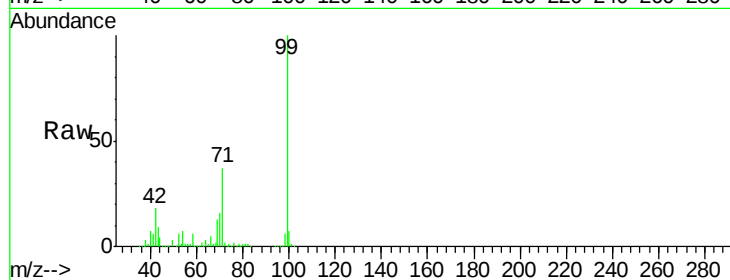
Tgt Ion: 99 Resp: 1225476

Ion Ratio Lower Upper

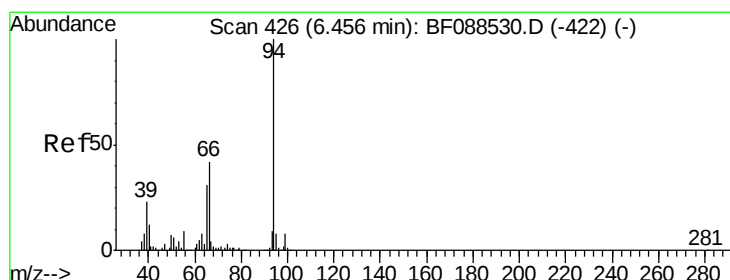
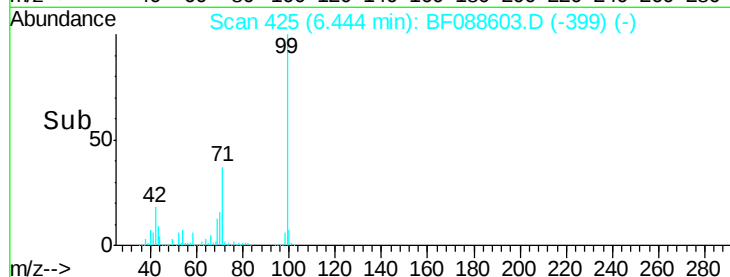
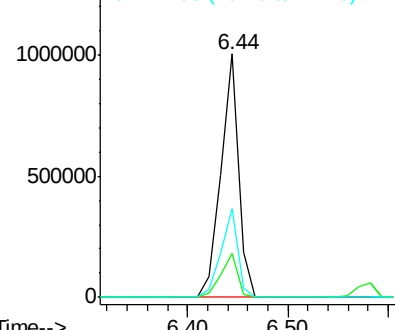
99 100

42 17.9 12.2 18.2

71 36.7 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



#10

Phenol

Concen: 2.72 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF088603.D

Acq: 2 Jul 2016 5:30

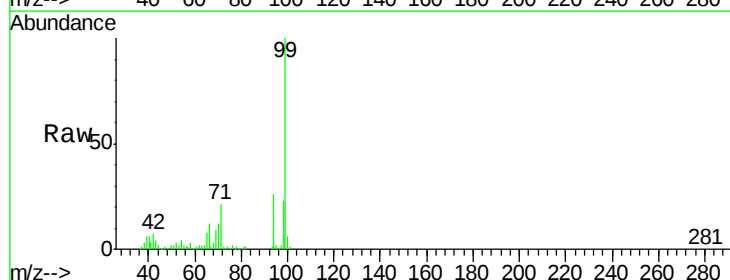
Tgt Ion: 94 Resp: 35395

Ion Ratio Lower Upper

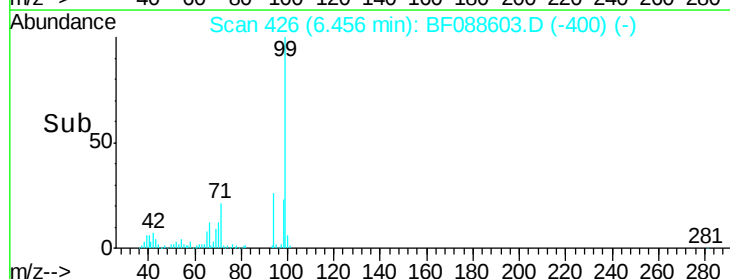
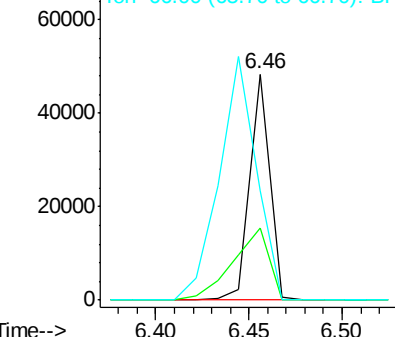
94 100

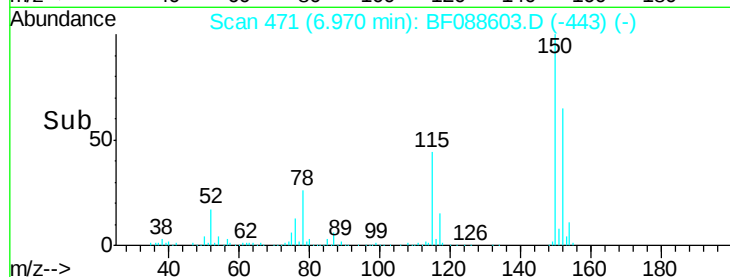
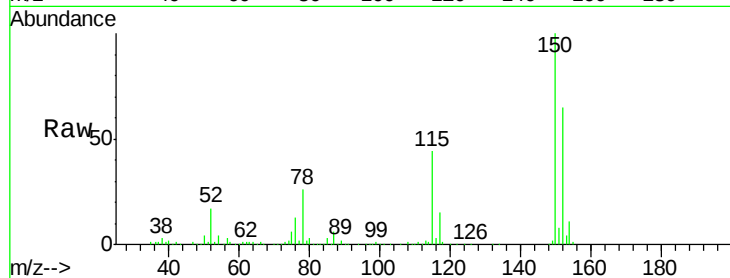
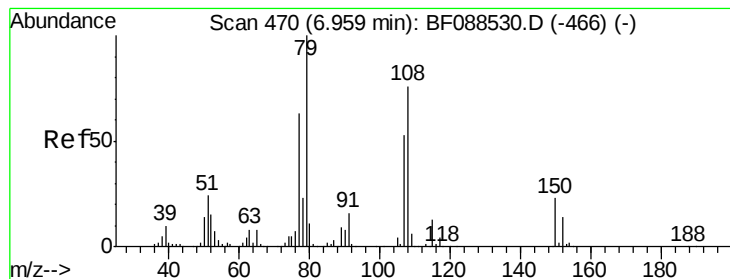
65 31.6 5.9 45.9

66 48.1 14.0 54.0



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.02 min

Lab File: BF088603.D

Acq: 2 Jul 2016 5:30

Instrument :

BNA_F

ClientSampleId :

SB-18-COMP

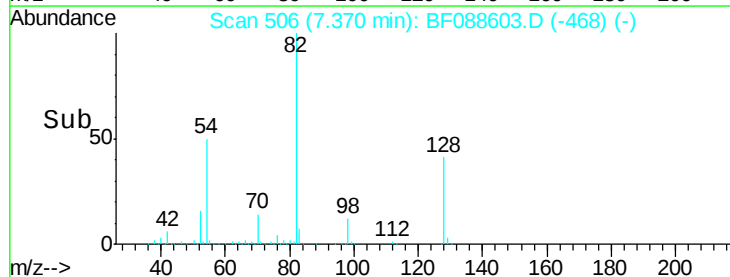
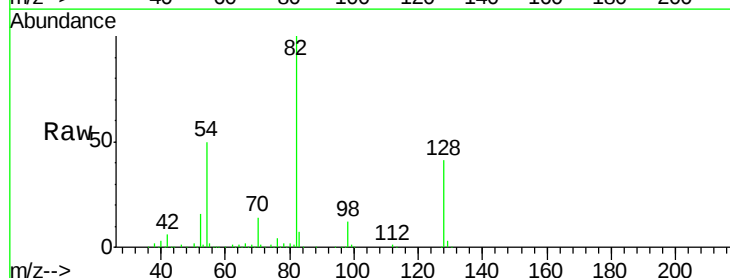
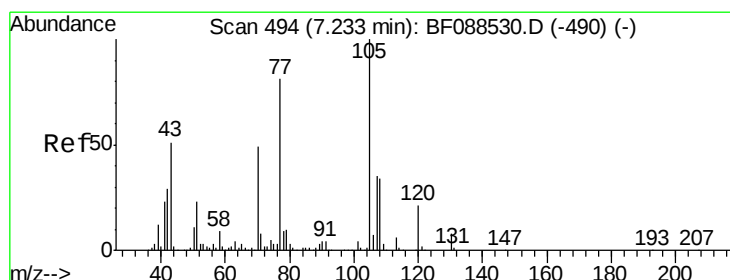
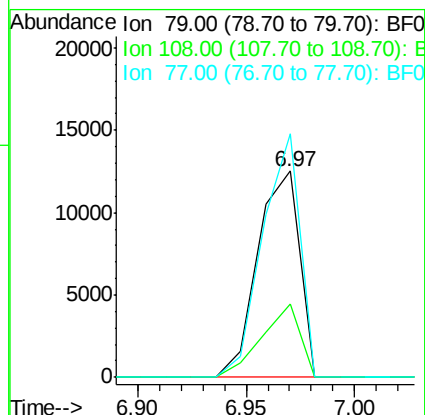
Tgt Ion: 79 Resp: 16888

Ion Ratio Lower Upper

79 100

108 35.7 65.0 97.6#

77 118.1 50.3 75.5#



#19

n-Nitroso-di-n-propylamine

Concen: 14.01 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.14 min

Lab File: BF088603.D

Acq: 2 Jul 2016 5:30

Tgt Ion: 70 Resp: 107505

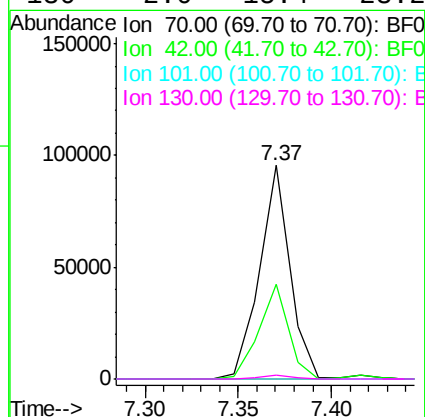
Ion Ratio Lower Upper

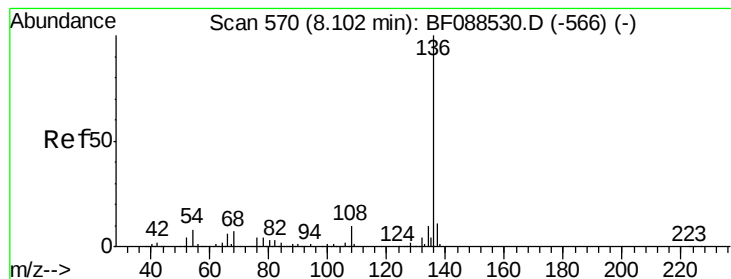
70 100

42 44.5 49.6 74.4#

101 0.0 7.1 10.7#

130 2.0 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF088603.D

Acq: 2 Jul 2016 5:30

Instrument :

BNA_F

ClientSampleId :

SB-18-COMP

Tgt Ion: 136 Resp: 479617

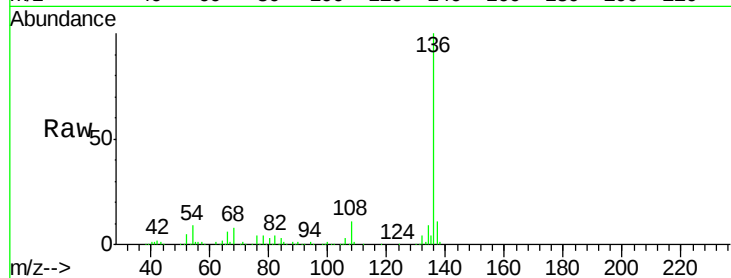
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 9.0 6.6 10.0

68 7.5 5.1 7.7

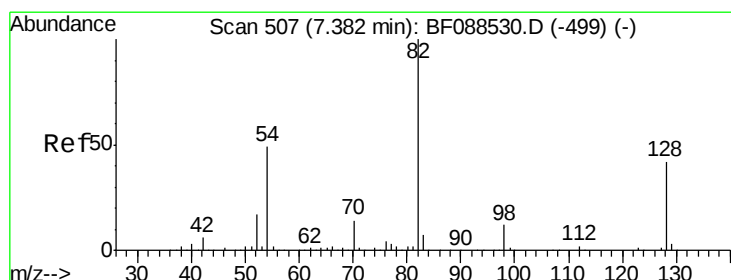
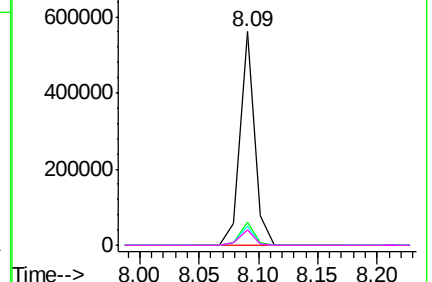
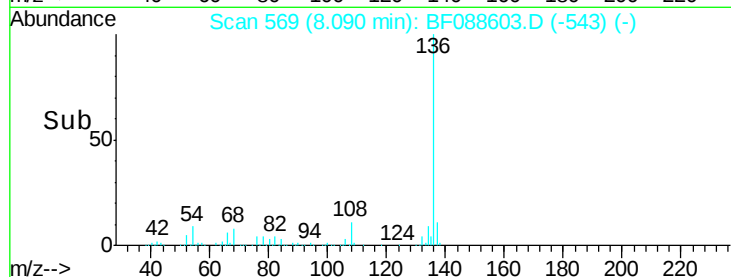


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.94 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF088603.D

Acq: 2 Jul 2016 5:30

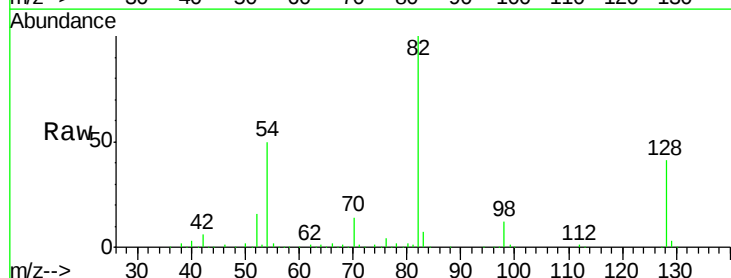
Tgt Ion: 82 Resp: 795664

Ion Ratio Lower Upper

82 100

128 40.9 35.9 53.9

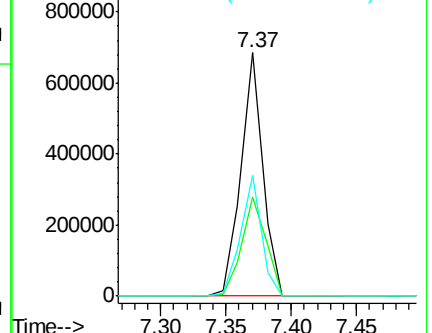
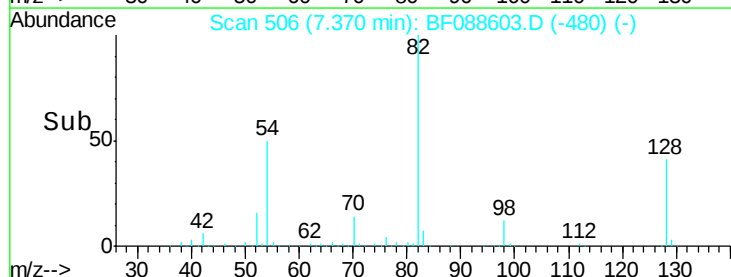
54 49.5 40.9 61.3

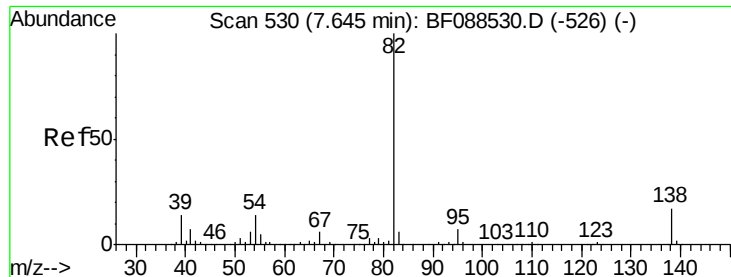


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 35.93 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.26 min

Lab File: BF088603.D

Acq: 2 Jul 2016 5:30

Instrument :

BNA_F

ClientSampleId :

SB-18-COMP

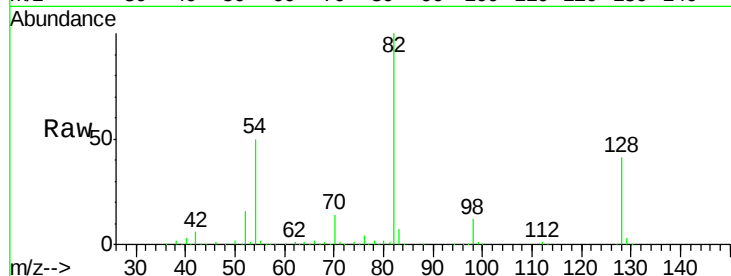
Tgt Ion: 82 Resp: 609062

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

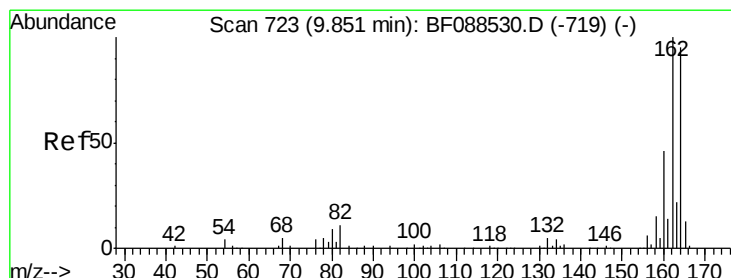
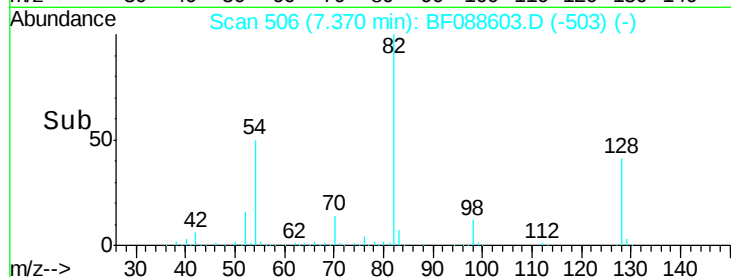
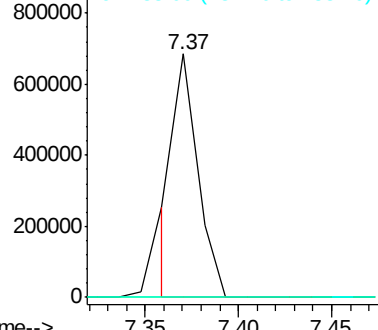
138 0.0 14.6 21.8#



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: 9.84 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF088603.D

Acq: 2 Jul 2016 5:30

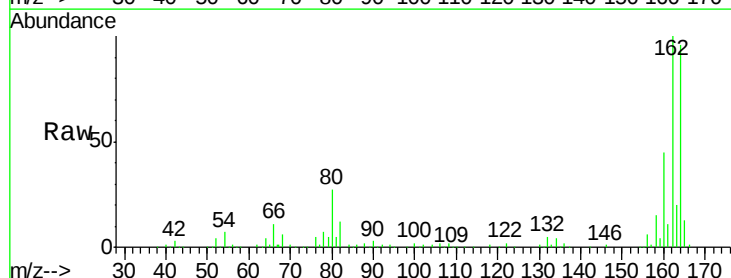
Tgt Ion: 164 Resp: 190750

Ion Ratio Lower Upper

164 100

162 104.4 85.4 128.2

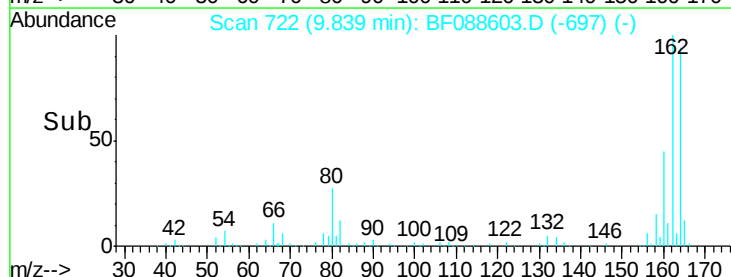
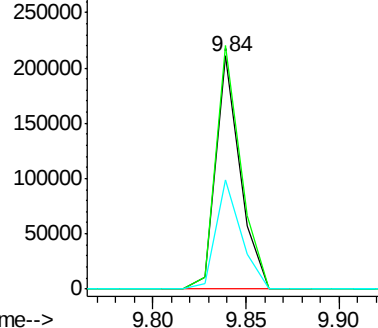
160 46.6 39.5 59.3

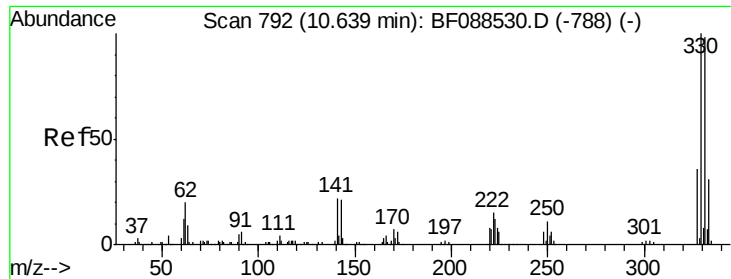


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

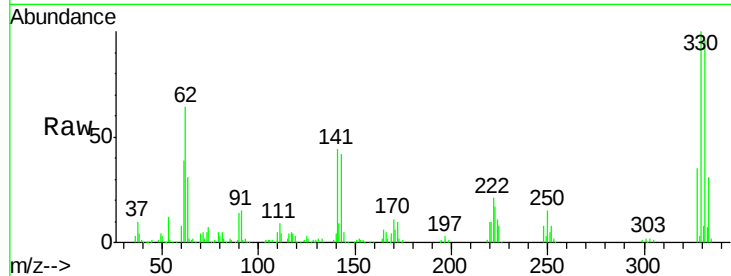




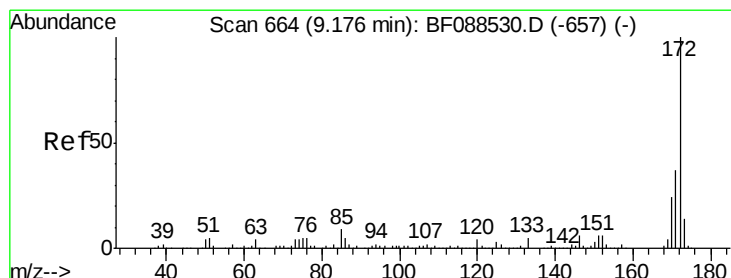
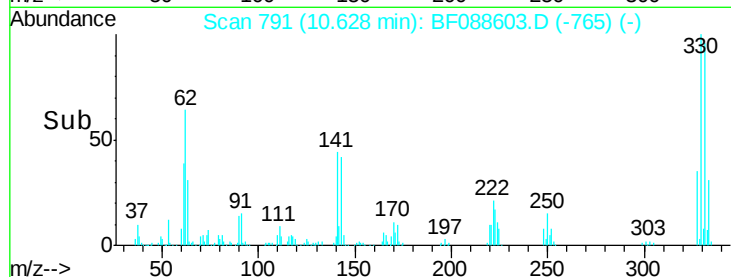
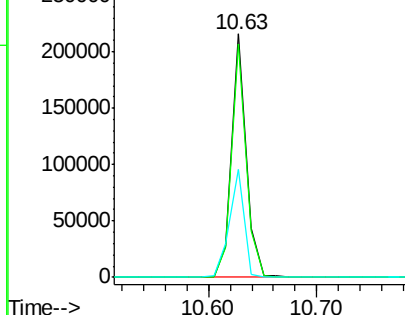
#41
 2,4,6-Tribromophenol
 Concen: 113.06 ng
 RT: 10.63 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF088603.D
 Acq: 2 Jul 2016 5:30

Instrument :
 BNA_F
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 SB-18-COMP

Tgt Ion:330 Resp: 200266
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 44.5 0.0 0.0#

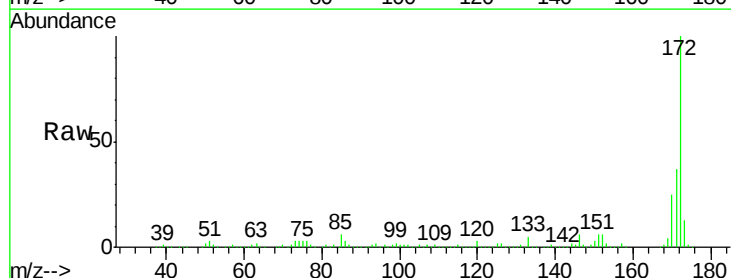


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

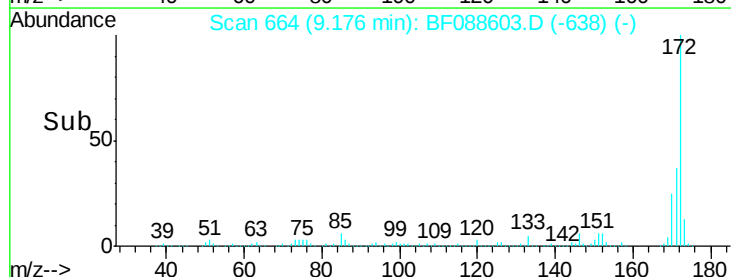
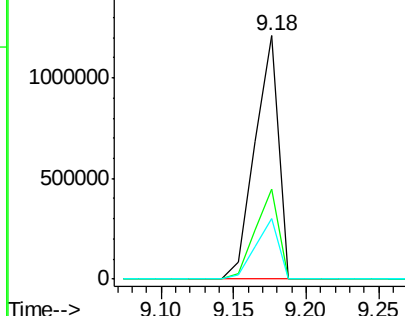


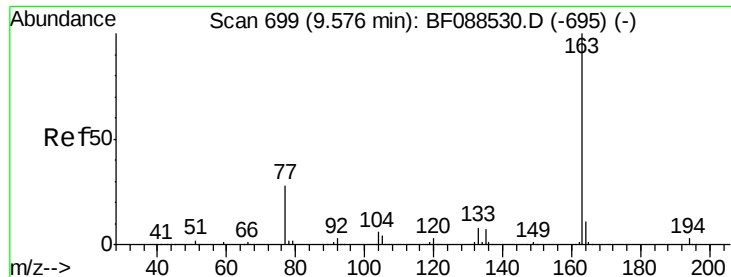
#44
 2-Fluorobiphenyl
 Concen: 112.65 ng
 RT: 9.18 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: BF088603.D
 Acq: 2 Jul 2016 5:30

Tgt Ion:172 Resp: 1360360
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.6 43.0
 170 25.0 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

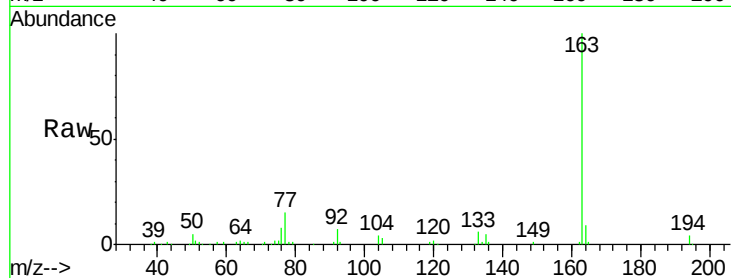




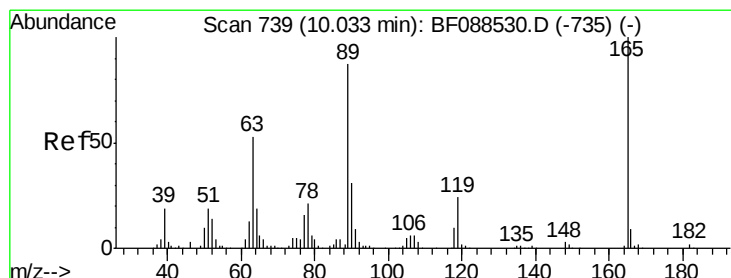
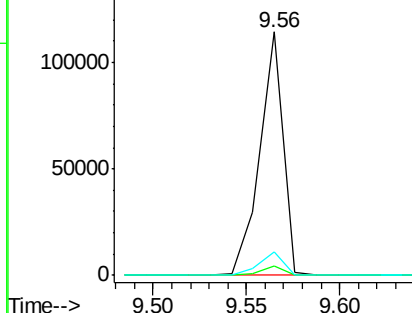
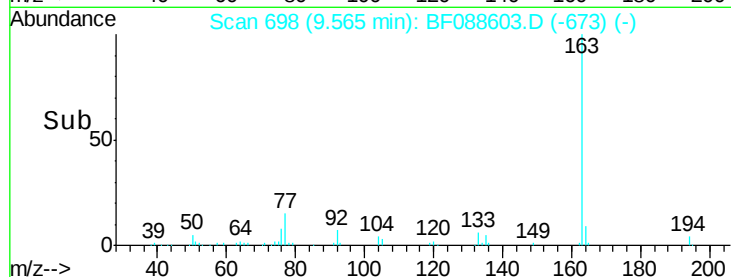
#49
Dimethylphthalate
Concen: 7.38 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF088603.D
Acq: 2 Jul 2016 5:30

Instrument :
BNA_F
ClientSampleId :
SB-18-COMP

Tgt Ion:163 Resp: 100352
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 9.4 8.3 12.5

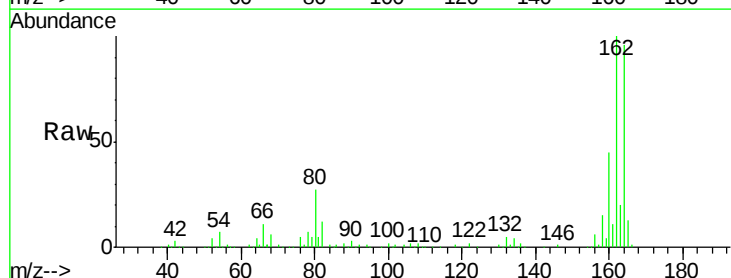


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

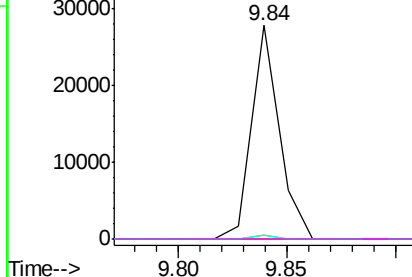
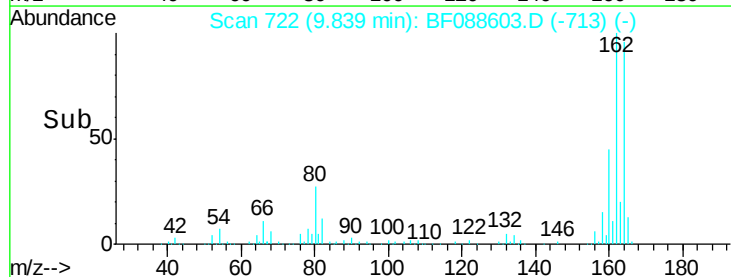


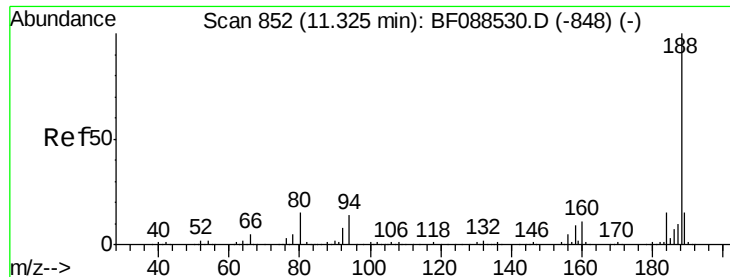
#56
2,4-Dinitrotoluene
Concen: 6.24 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.19 min
Lab File: BF088603.D
Acq: 2 Jul 2016 5:30

Tgt Ion:165 Resp: 24579
Ion Ratio Lower Upper
165 100
63 1.5 22.0 33.0#
89 1.6 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

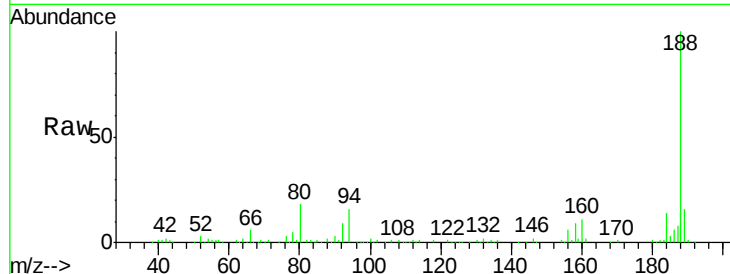




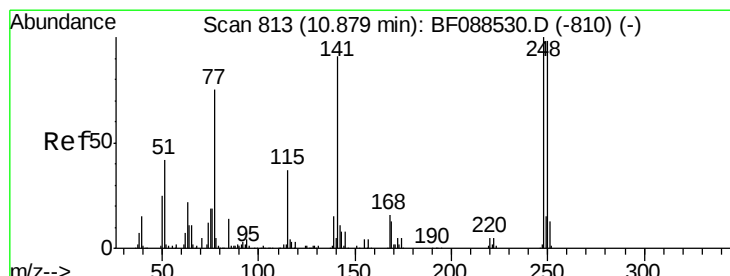
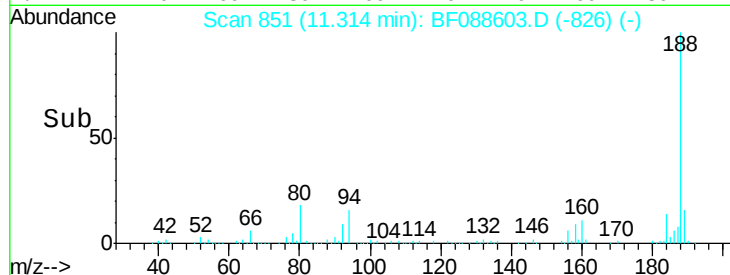
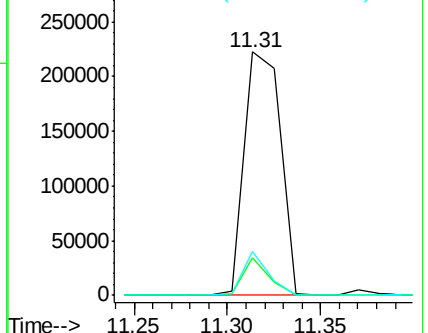
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF088603.D
Acq: 2 Jul 2016 5:30

Instrument :
BNA_F
ClientSampleId :
SB-18-COMP

Tgt Ion:188 Resp: 299175
Ion Ratio Lower Upper
188 100
94 15.6 9.0 13.6#
80 18.2 10.0 15.0#

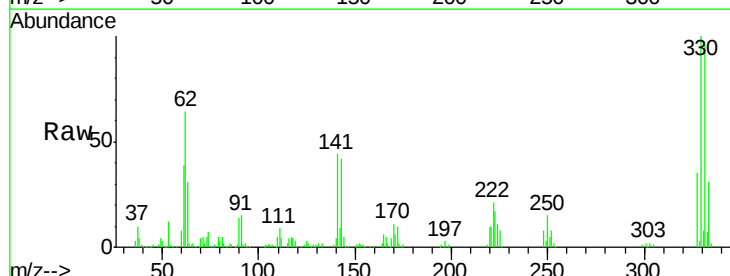


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

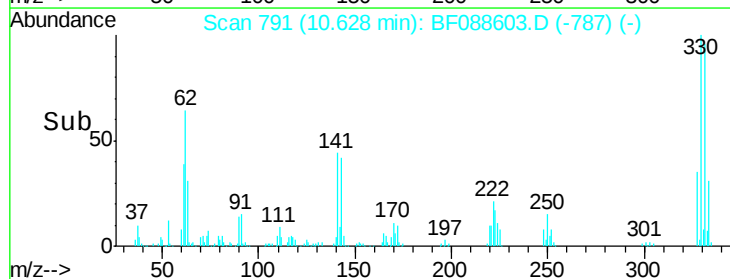
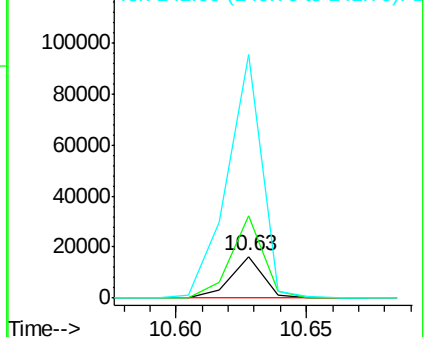


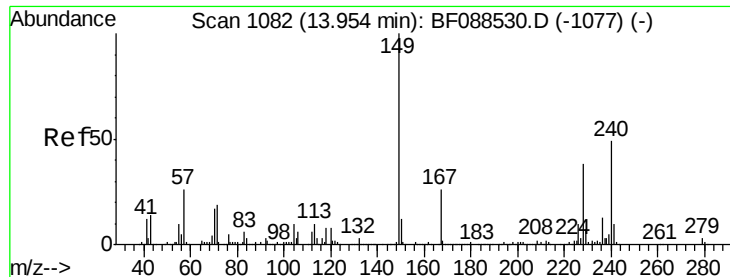
#66
4-Bromophenyl-phenylether
Concen: 4.72 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.25 min
Lab File: BF088603.D
Acq: 2 Jul 2016 5:30

Tgt Ion:248 Resp: 14216
Ion Ratio Lower Upper
248 100
250 198.0 77.1 115.7#
141 580.9 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: 13.94 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BF088603.D

Acq: 2 Jul 2016 5:30

Instrument :

BNA_F

ClientSampleId :

SB-18-COMP

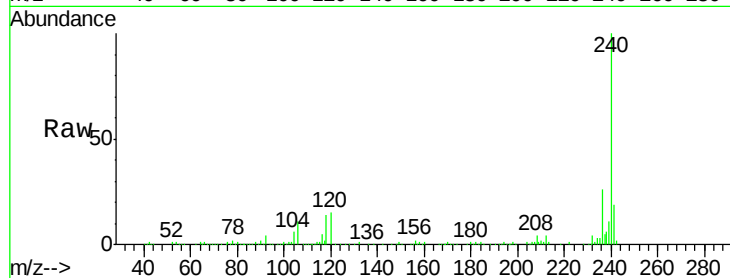
Tgt Ion:240 Resp: 237792

Ion Ratio Lower Upper

240 100

120 15.2 6.8 10.2#

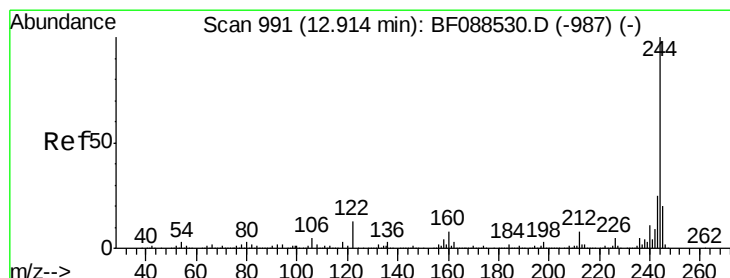
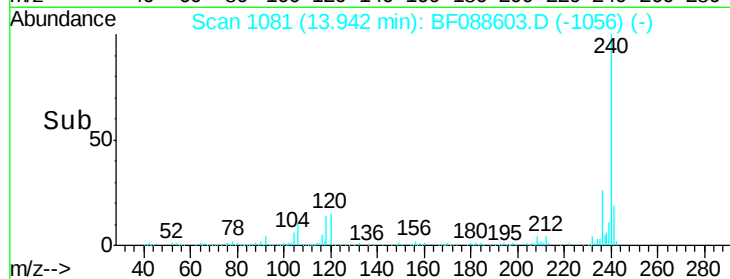
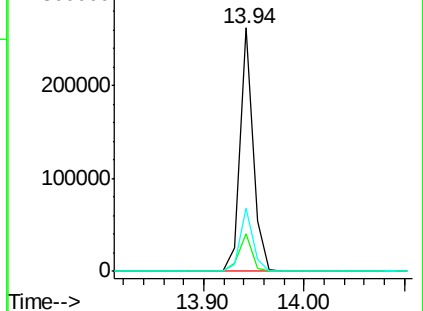
236 26.1 20.2 30.2



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: 76.93 ng

RT: 12.90 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF088603.D

Acq: 2 Jul 2016 5:30

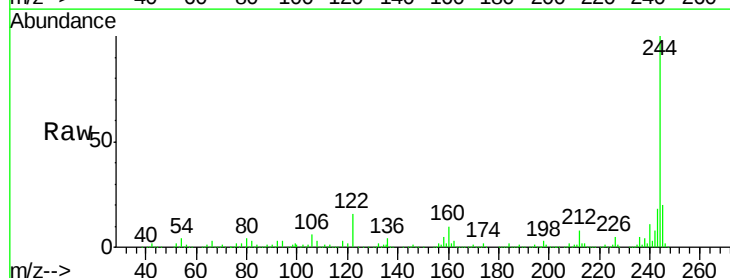
Tgt Ion:244 Resp: 821270

Ion Ratio Lower Upper

244 100

212 8.1 6.0 9.0

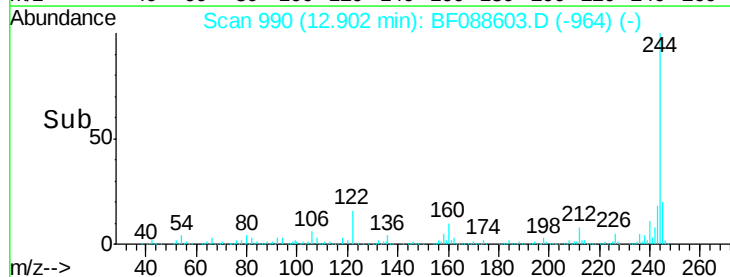
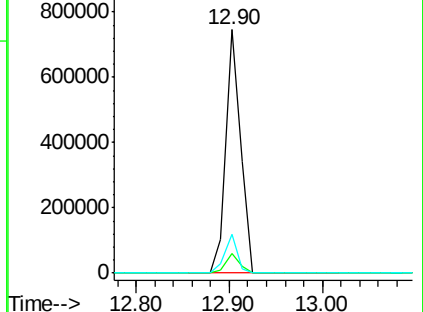
122 16.1 11.2 16.8

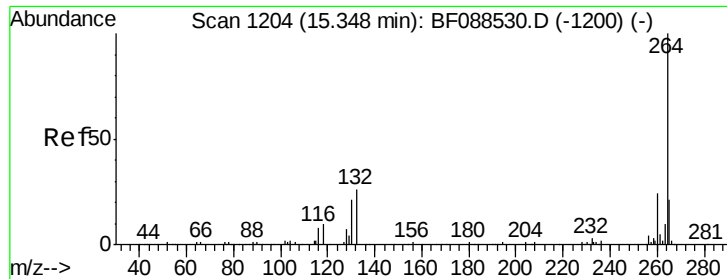


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

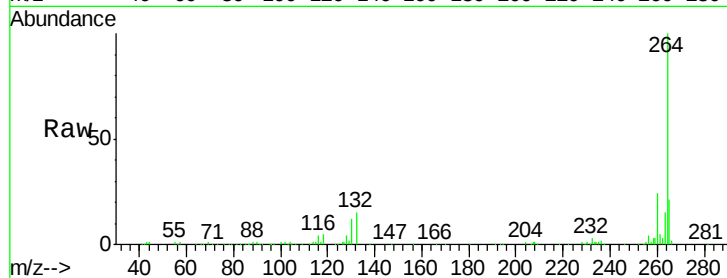




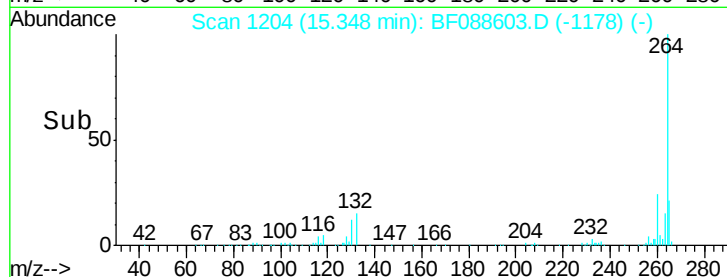
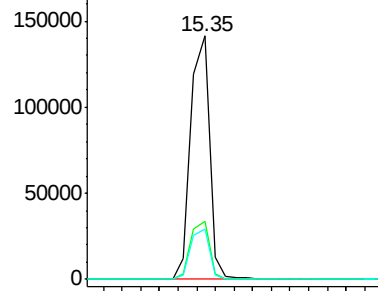
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF088603.D
Acq: 2 Jul 2016 5:30

Instrument :
BNA_F
ClientSampleId :
SB-18-COMP

Tgt Ion: 264 Resp: 199607
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 20.9 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



Time-->