

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088601.D
 Acq On : 2 Jul 2016 4:31
 Operator : UM/SJ
 Sample : H3831-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Quant Time: Jul 02 05:25:22 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

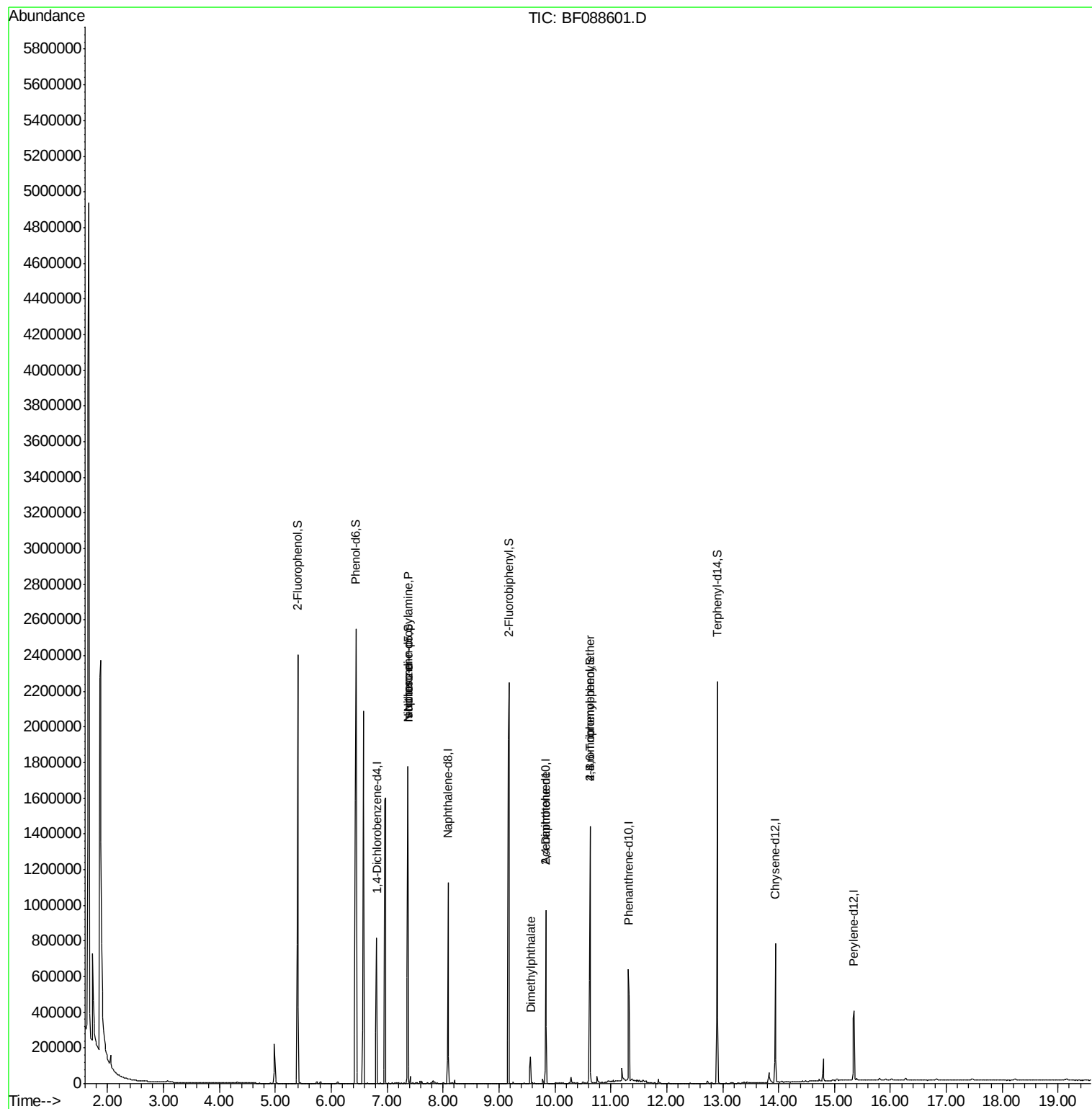
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	126236	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	454208	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	191358	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	303929	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	236628	20.00	ng	-0.01
86) Perylene-d12	15.35	264	203893	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	719540	85.43	ng	0.01
7) Phenol-d6	6.44	99	1102174	101.27	ng	0.00
23) Nitrobenzene-d5	7.37	82	604842	69.78	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	166048	93.44	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1042189	86.03	ng	0.00
78) Terphenyl-d14	12.90	244	633206	59.60	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	82835	11.33	ng	# 73
25) Isophorone	7.37	82	454124	28.29	ng	# 65
49) Dimethylphthalate	9.56	163	73536	5.39	ng	98
56) 2,4-Dinitrotoluene	9.84	165	24364	6.17	ng	# 38
66) 4-Bromophenyl-phenylether	10.63	248	11427	3.73	ng	# 1

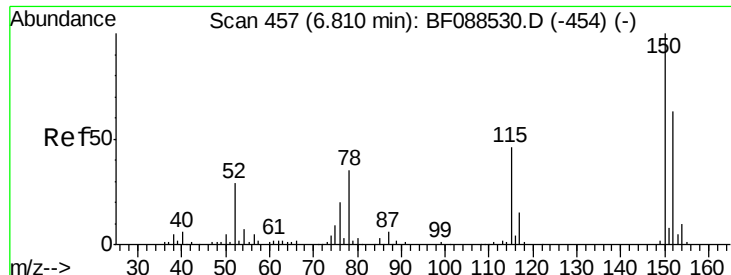
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF088601.D

Acq: 2 Jul 2016 4:31

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

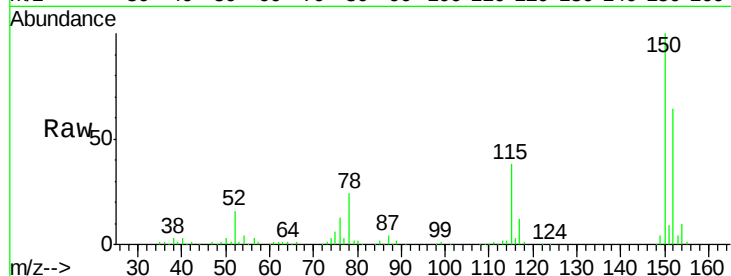
Tgt Ion:152 Resp: 126236

Ion Ratio Lower Upper

152 100

150 156.0 123.8 185.6

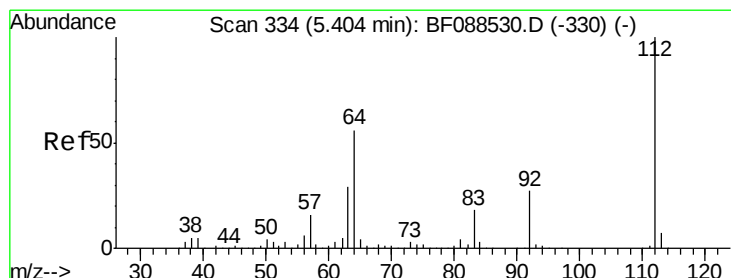
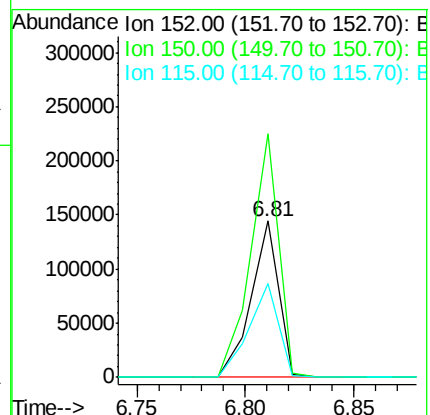
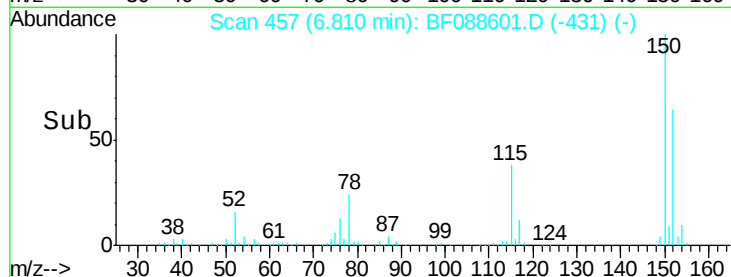
115 60.0 39.6 59.4#



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: 85.43 ng

RT: 5.40 min Scan# 334

Delta R.T. 0.01 min

Lab File: BF088601.D

Acq: 2 Jul 2016 4:31

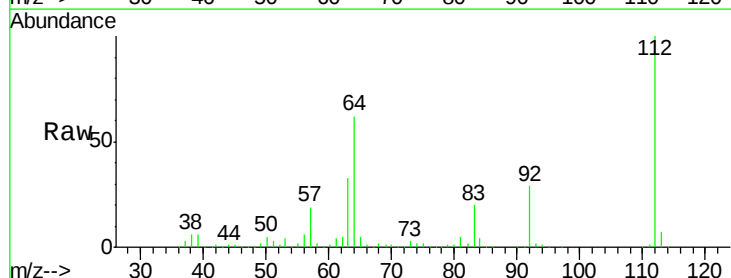
Tgt Ion:112 Resp: 719540

Ion Ratio Lower Upper

112 100

64 61.9 42.2 63.2

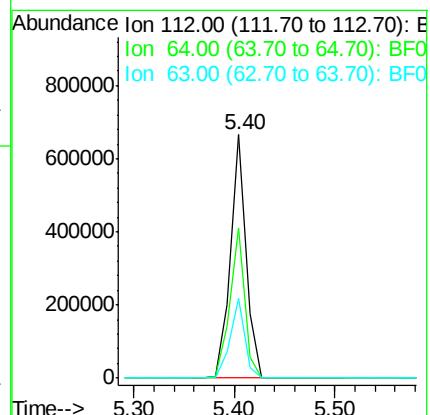
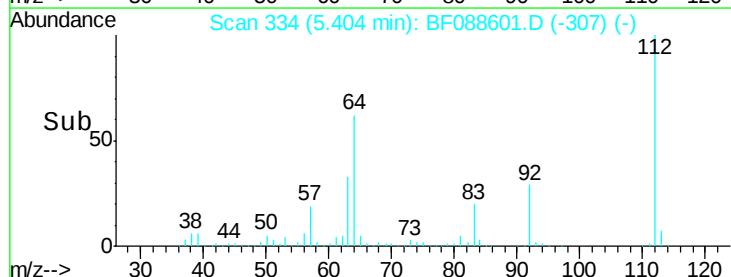
63 32.5 21.8 32.8

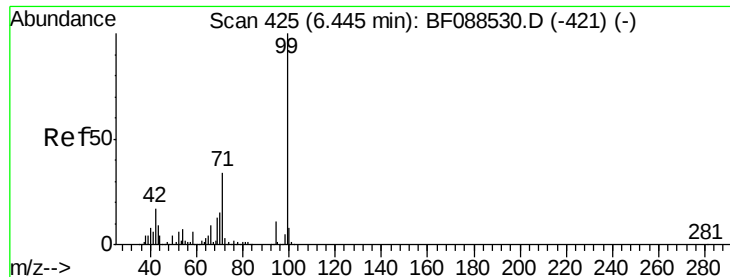


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.27 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088601.D

Acq: 2 Jul 2016 4:31

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

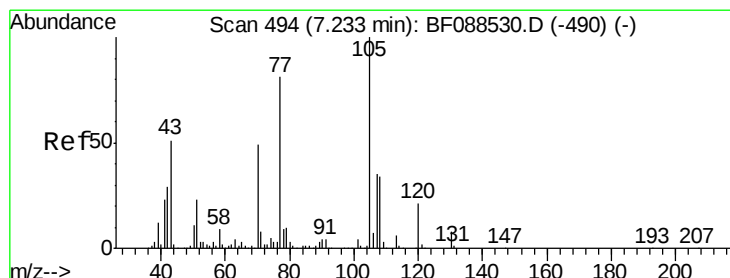
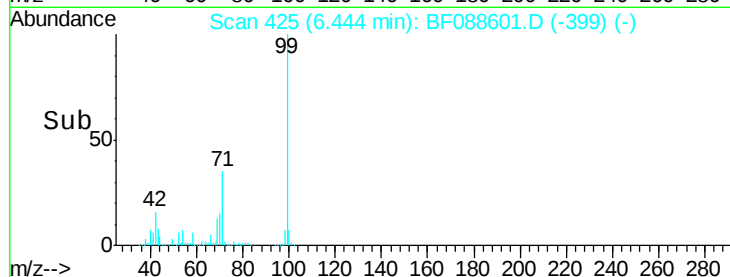
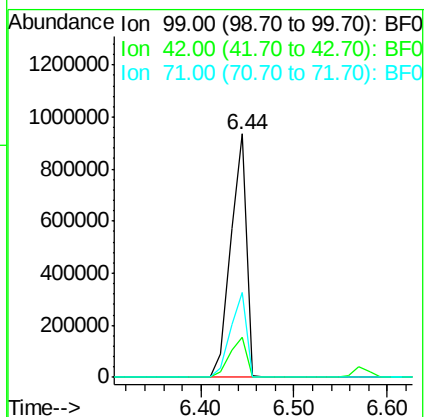
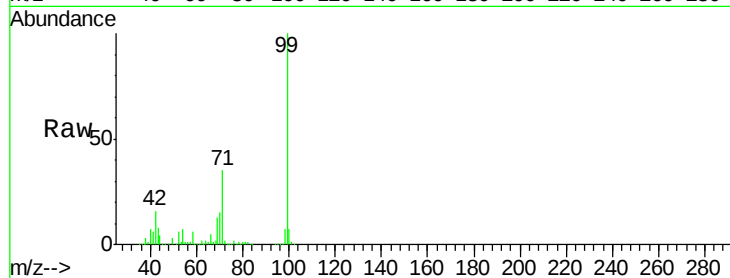
Tgt Ion: 99 Resp: 1102174

Ion Ratio Lower Upper

99 100

42 16.3 12.2 18.2

71 34.9 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.33 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.14 min

Lab File: BF088601.D

Acq: 2 Jul 2016 4:31

Tgt Ion: 70 Resp: 82835

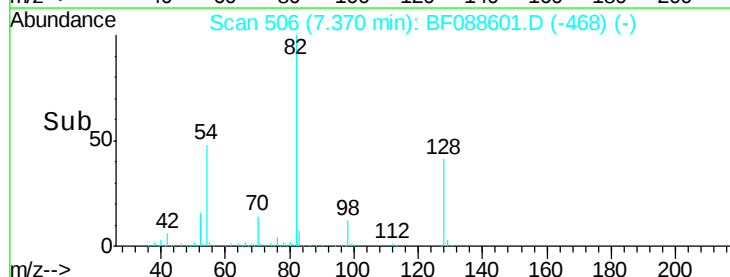
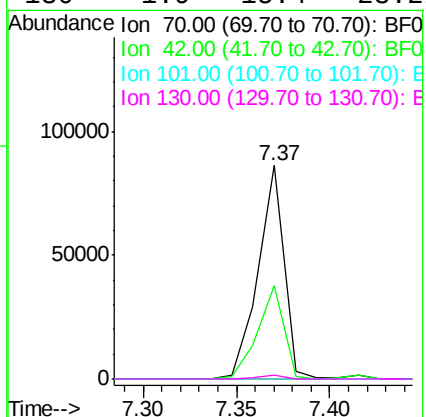
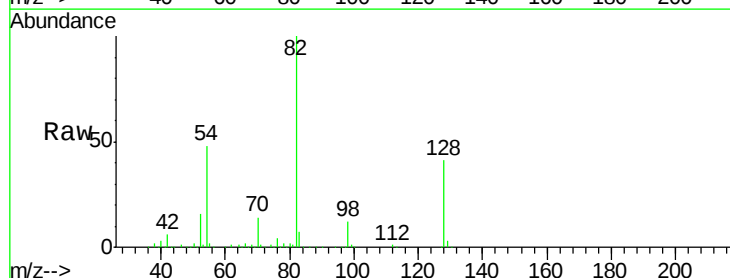
Ion Ratio Lower Upper

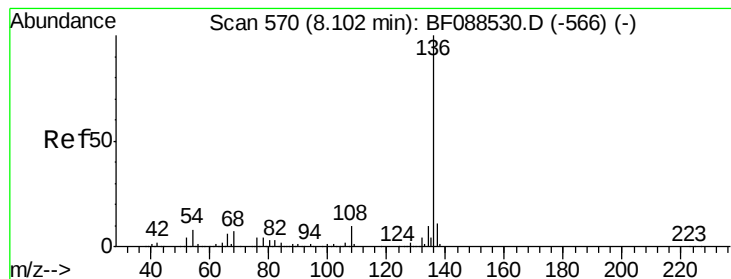
70 100

42 43.7 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: 8.09 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF088601.D

Acq: 2 Jul 2016 4:31

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

Tgt Ion:136 Resp: 454208

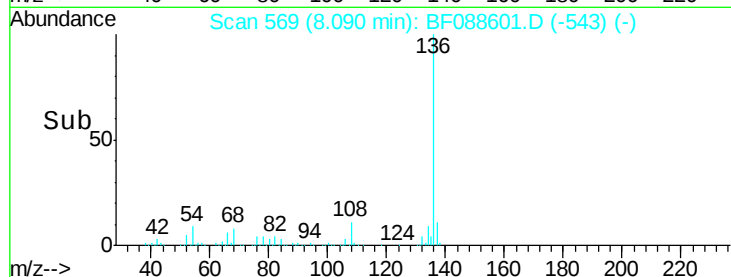
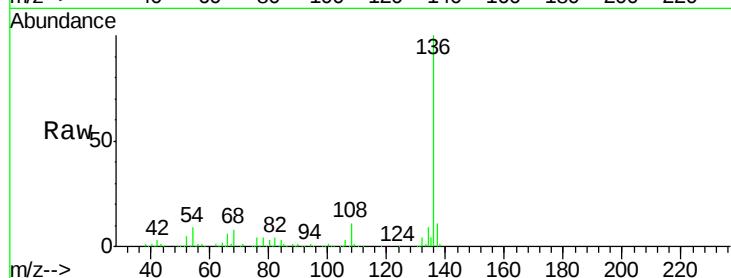
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 9.1 6.6 10.0

68 7.5 5.1 7.7

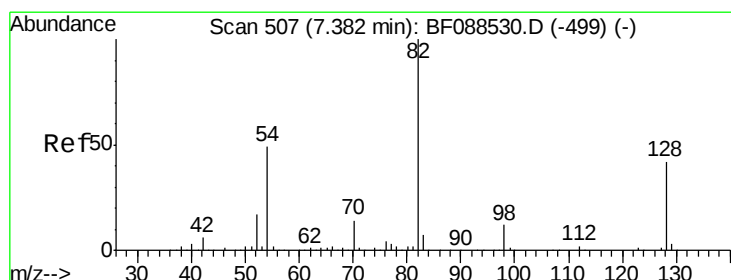
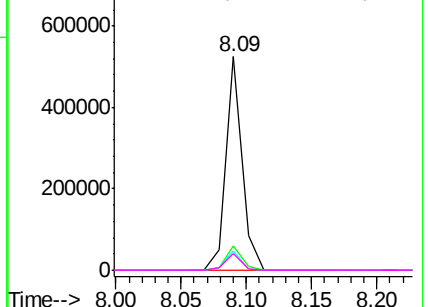


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.78 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF088601.D

Acq: 2 Jul 2016 4:31

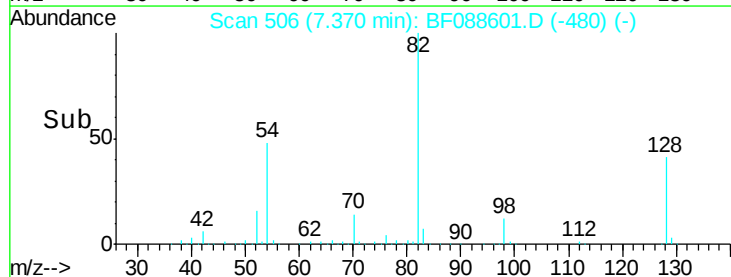
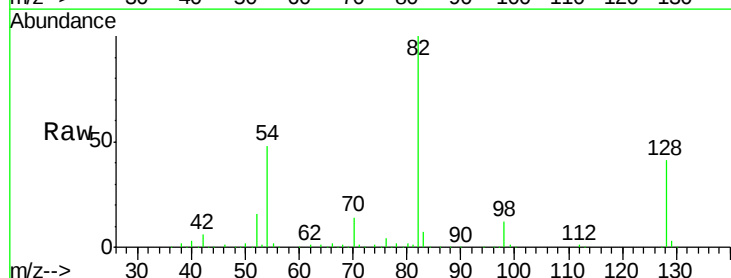
Tgt Ion: 82 Resp: 604842

Ion Ratio Lower Upper

82 100

128 41.2 35.9 53.9

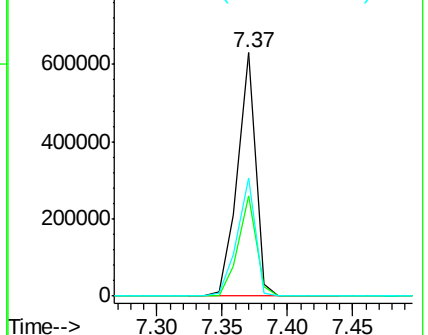
54 48.4 40.9 61.3

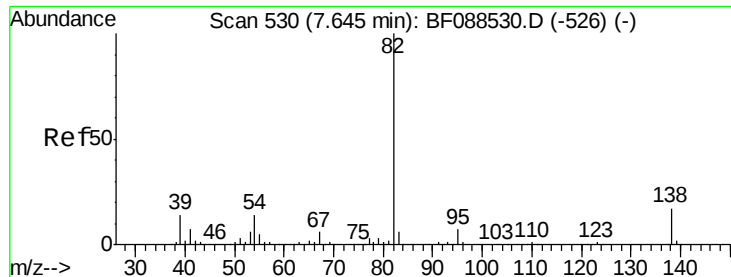


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 28.29 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.26 min

Lab File: BF088601.D

Acq: 2 Jul 2016 4:31

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

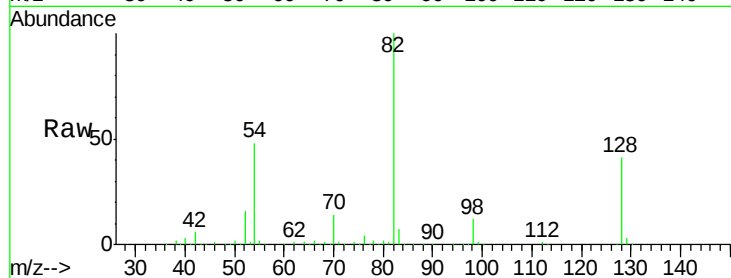
Tgt Ion: 82 Resp: 454124

Ion Ratio Lower Upper

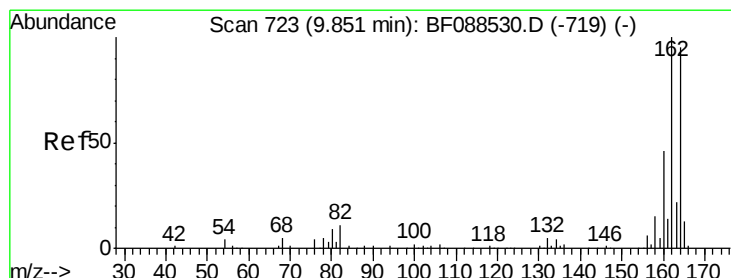
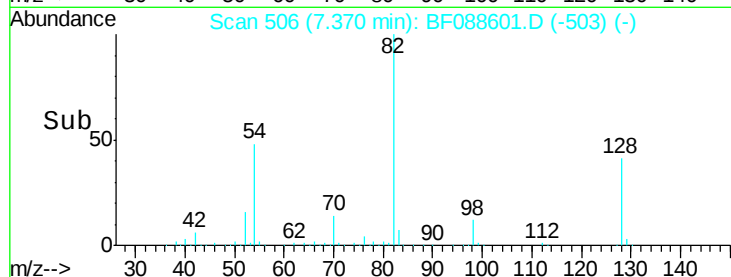
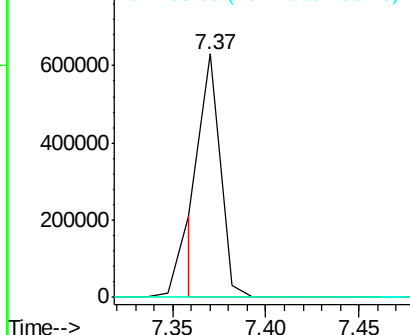
82 100

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: BF088601.D

Acq: 2 Jul 2016 4:31

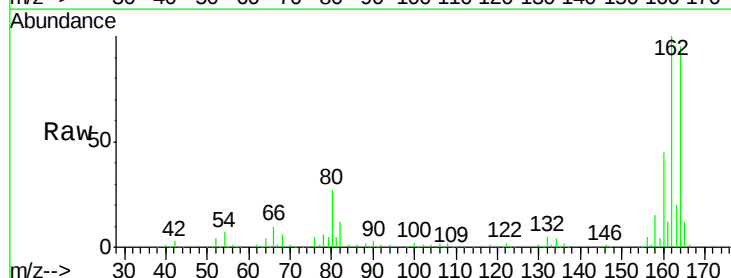
Tgt Ion: 164 Resp: 191358

Ion Ratio Lower Upper

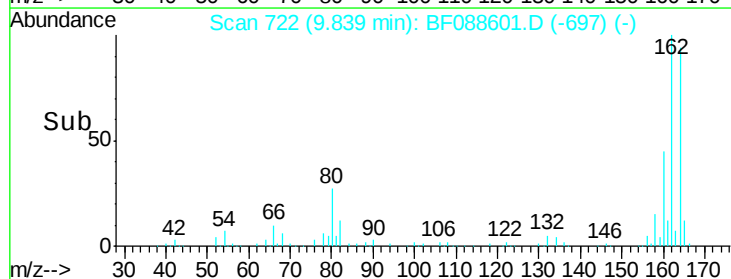
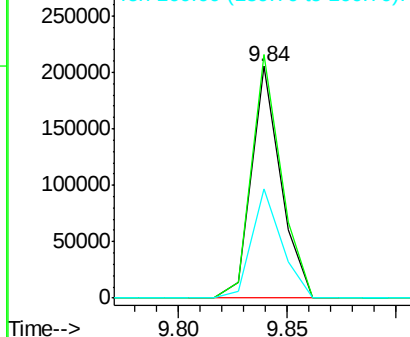
164 100

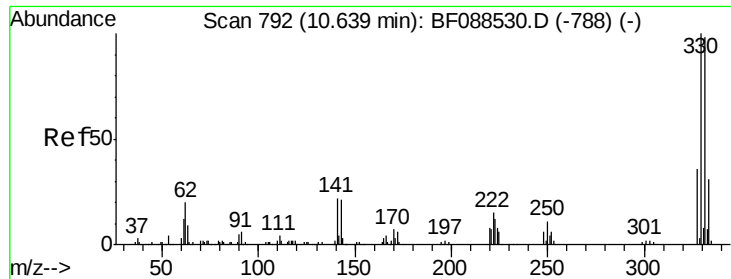
162 105.0 85.4 128.2

160 47.1 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

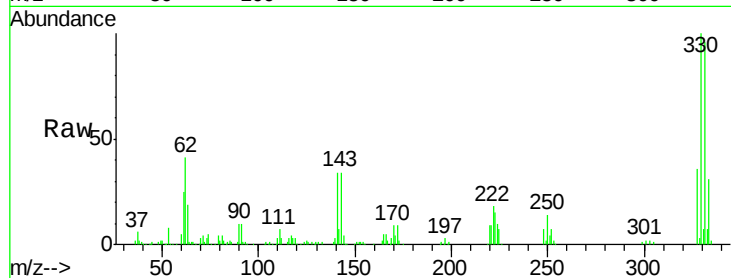




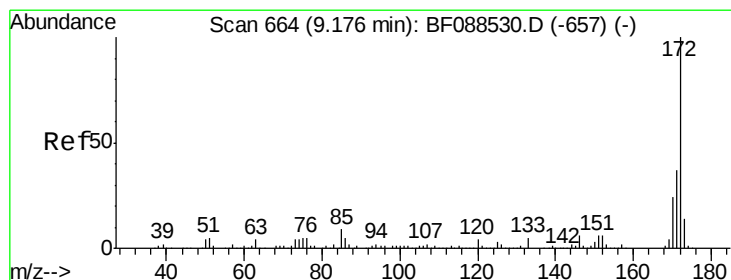
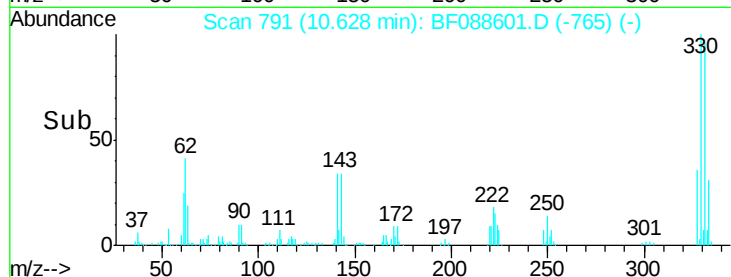
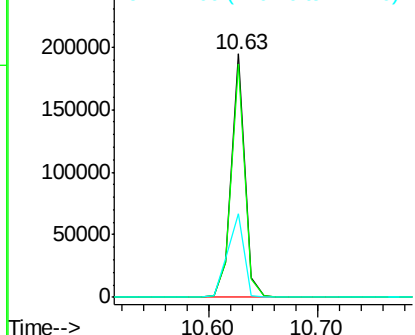
#41
 2,4,6-Tribromophenol
 Concen: 93.44 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF088601.D
 Acq: 2 Jul 2016 4:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tgt Ion:330 Resp: 166048
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 41.5 0.0 0.0#

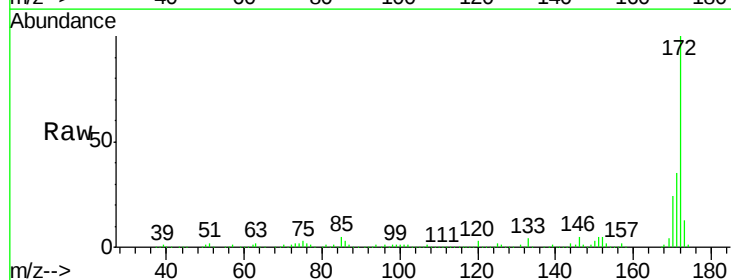


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

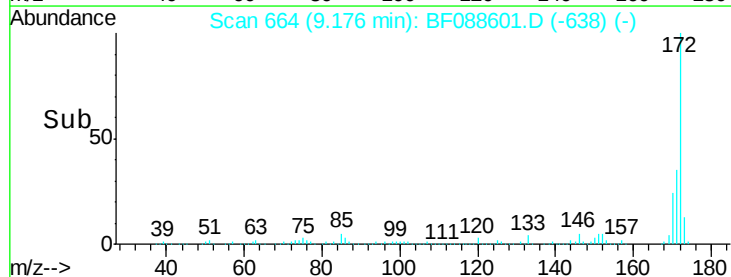
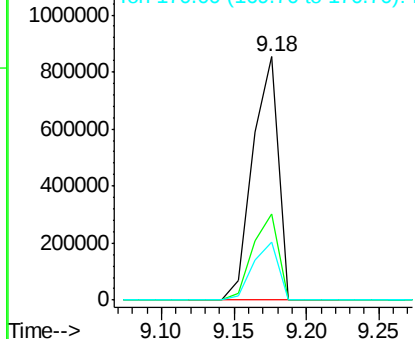


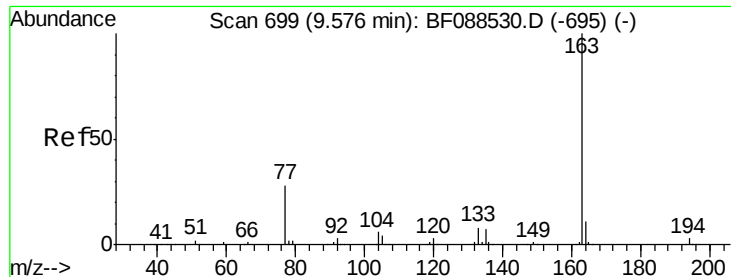
#44
 2-Fluorobiphenyl
 Concen: 86.03 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF088601.D
 Acq: 2 Jul 2016 4:31

Tgt Ion:172 Resp: 1042189
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 43.0
 170 24.0 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: 5.39 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF088601.D

Acq: 2 Jul 2016 4:31

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

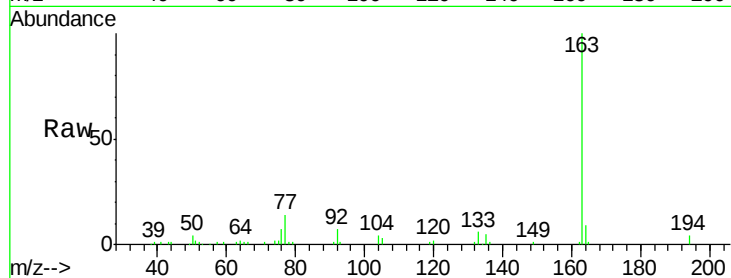
Tgt Ion:163 Resp: 73536

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

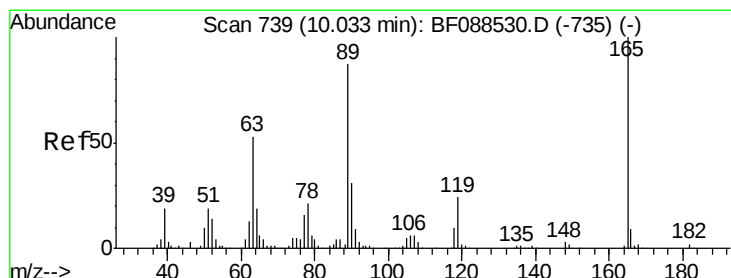
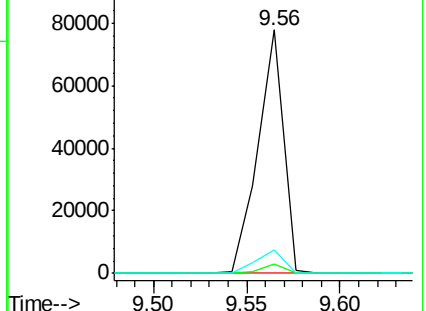
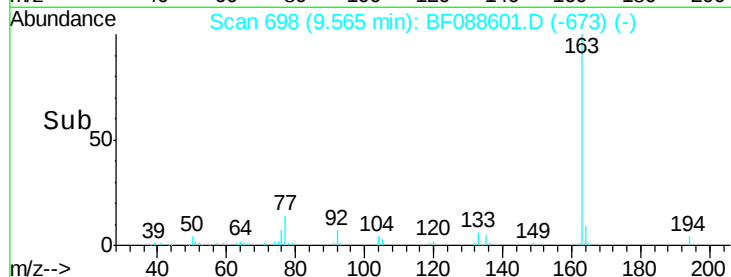
164 9.5 8.3 12.5



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: 6.17 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.19 min

Lab File: BF088601.D

Acq: 2 Jul 2016 4:31

Tgt Ion:165 Resp: 24364

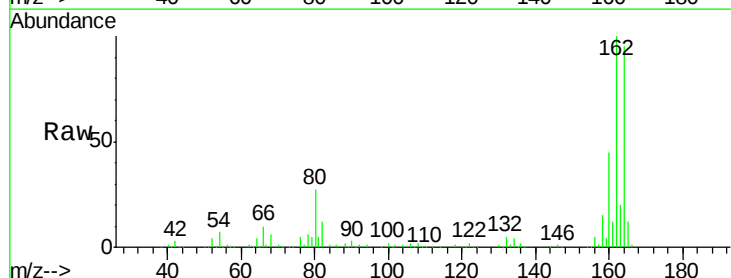
Ion Ratio Lower Upper

165 100

63 1.5 22.0 33.0#

89 1.6 41.1 61.7#

182 0.0 2.0 3.0#

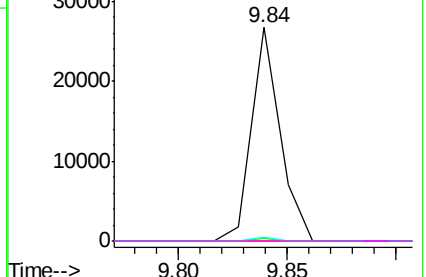
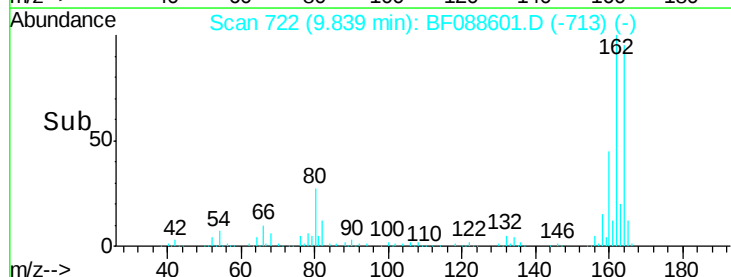


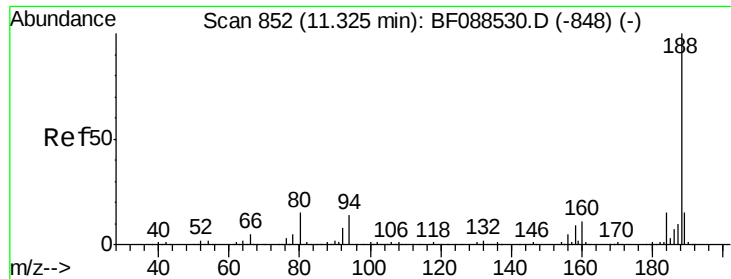
Abundance Ion 165.00 (164.70 to 165.70): E

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

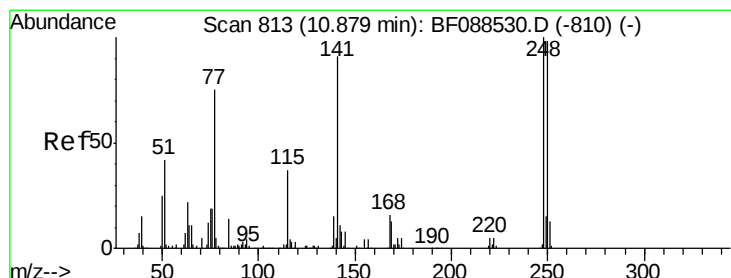
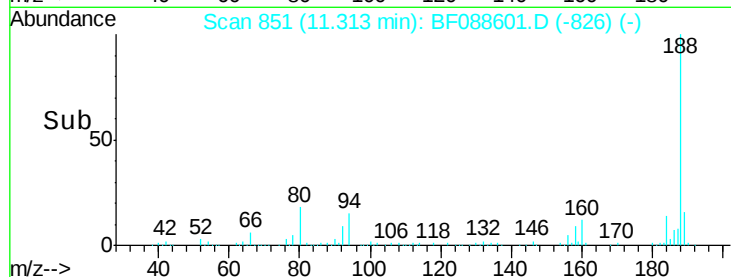
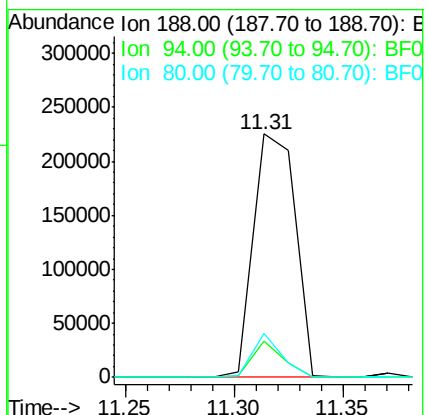
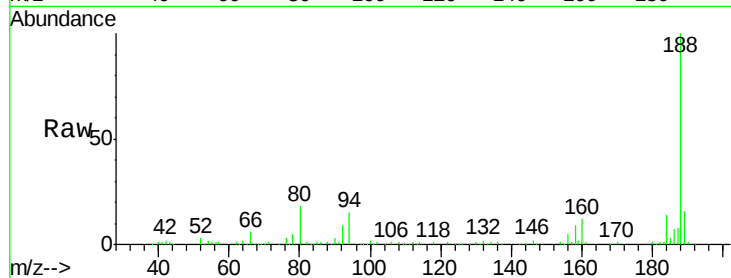




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF088601.D
Acq: 2 Jul 2016 4:31

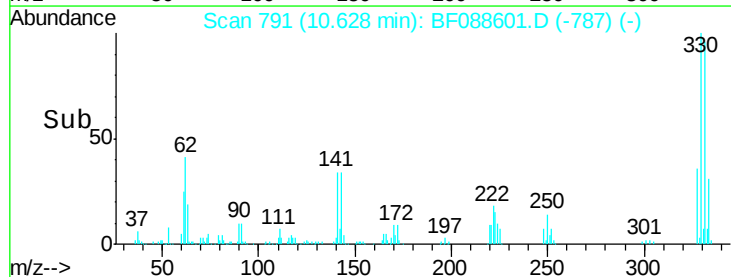
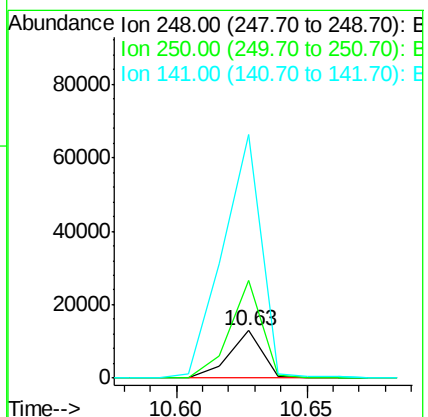
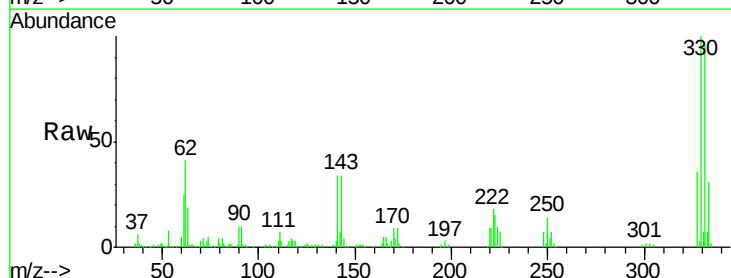
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

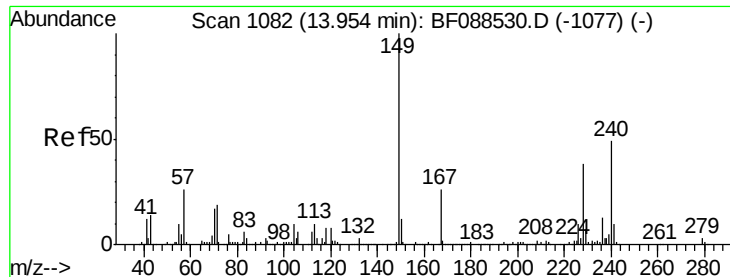
Tgt Ion:188 Resp: 303929
Ion Ratio Lower Upper
188 100
94 15.2 9.0 13.6#
80 18.0 10.0 15.0#



#66
4-Bromophenyl-phenylether
Concen: 3.73 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.25 min
Lab File: BF088601.D
Acq: 2 Jul 2016 4:31

Tgt Ion:248 Resp: 11427
Ion Ratio Lower Upper
248 100
250 204.2 77.1 115.7#
141 511.3 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: BF088601.D

Acq: 2 Jul 2016 4:31

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

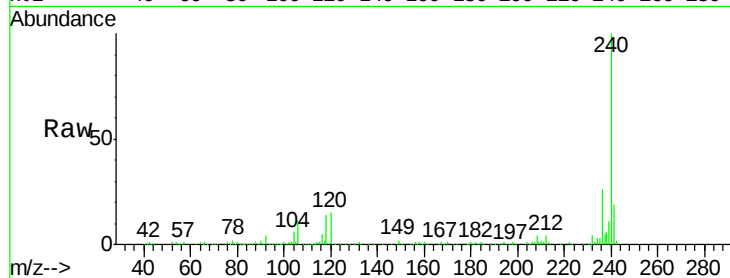
Tgt Ion:240 Resp: 236628

Ion Ratio Lower Upper

240 100

120 15.4 6.8 10.2#

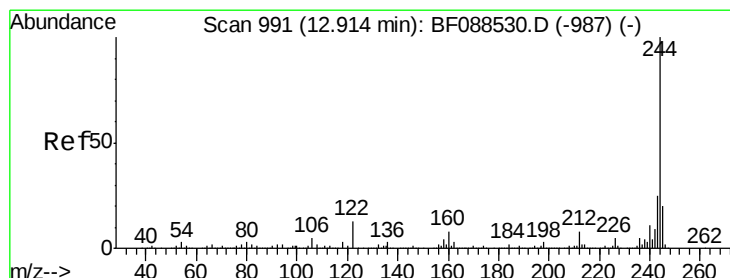
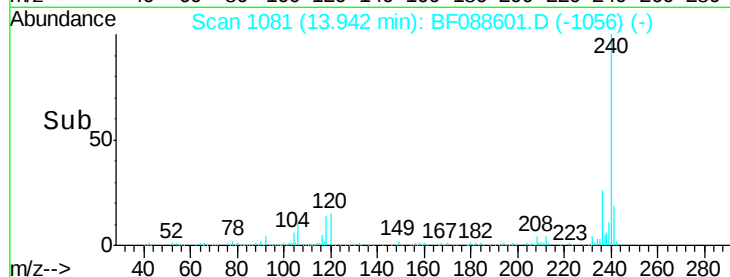
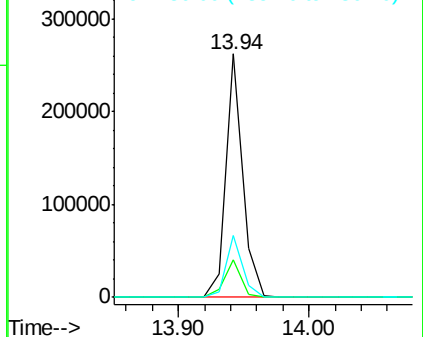
236 25.6 20.2 30.2



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: 59.60 ng

RT: 12.90 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF088601.D

Acq: 2 Jul 2016 4:31

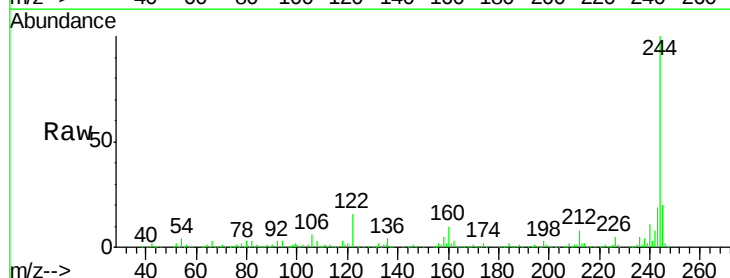
Tgt Ion:244 Resp: 633206

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

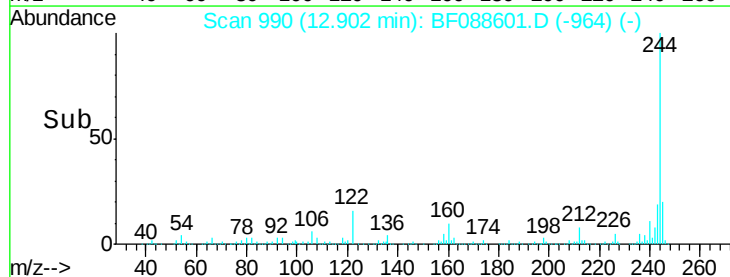
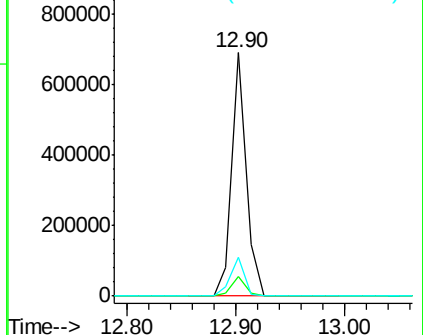
122 15.8 11.2 16.8

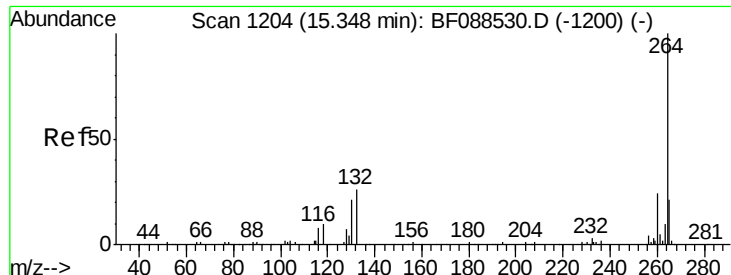


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

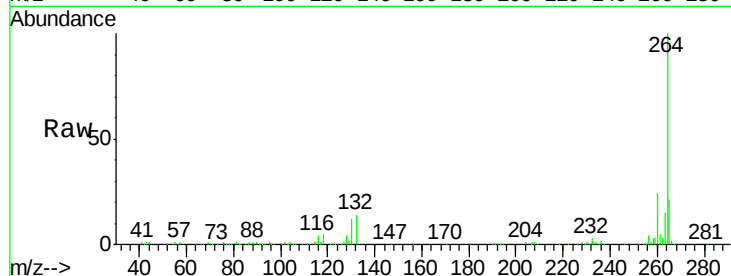




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF088601.D
Acq: 2 Jul 2016 4:31

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tgt Ion: 264 Resp: 203893
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 20.8 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

