

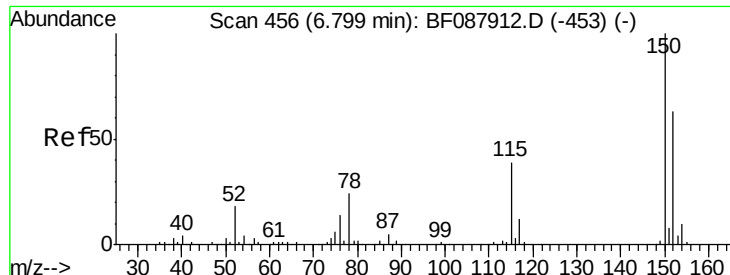
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061516\
 Data File : BF088063.D
 Acq On : 16 Jun 2016 5:25
 Operator : UM/SJ
 Sample : H3570-19
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-21-COMP

Quant Time: Jun 16 07:16:32 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 16 03:20:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	103849	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	388938	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	172317	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	259505	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	203421	20.00	ng	-0.01
86) Perylene-d12	15.29	264	208542	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	157338	25.90	ng	0.00
7) Phenol-d6	6.38	99	250472	34.02	ng	-0.01
23) Nitrobenzene-d5	7.30	82	117928	17.71	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	99722	54.81	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	384129	31.54	ng	-0.01
78) Terphenyl-d14	12.85	244	481648	53.88	ng	0.00
Target Compounds						
10) Phenol	6.39	94	2096	Below Cal	#	69
19) n-Nitroso-di-n-propylamine	7.30	70	14189	3.01 ng	#	75
45) 1,1'-Biphenyl	9.11	154	564	Below Cal	#	1
49) Dimethylphthalate	9.51	163	160269	12.84 ng		98
56) 2,4-Dinitrotoluene	9.78	165	21781	5.93 ng	#	37
57) Fluorene	10.56	166	4824	Below Cal	#	81
66) 4-Bromophenyl-phenylether	10.57	248	6076	2.18 ng	#	1

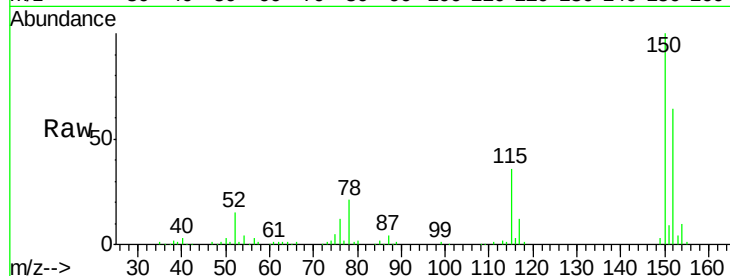
(#) = qualifier out of range (m) = manual integration (+) = signals summed



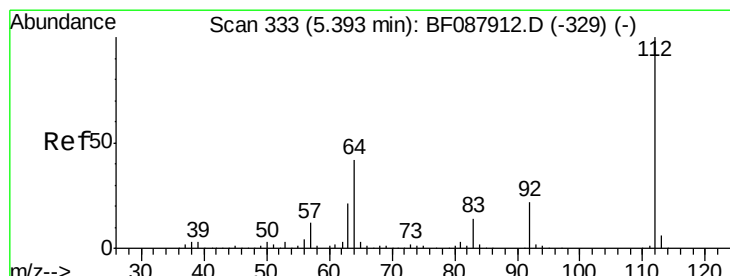
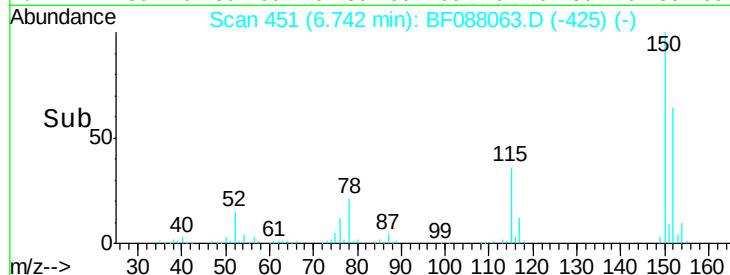
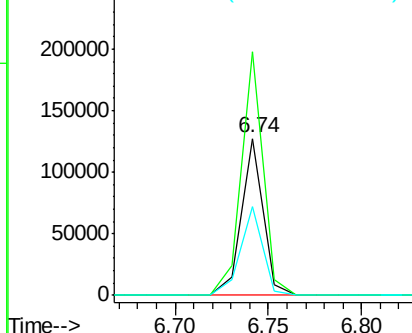
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.74 min Scan# 451
 Delta R.T. 0.00 min
 Lab File: BF088063.D
 Acq: 16 Jun 2016 5:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-21-COMP

Tgt Ion:152 Resp: 103849
 Ion Ratio Lower Upper
 152 100
 150 155.5 123.8 185.6
 115 56.6 39.6 59.4

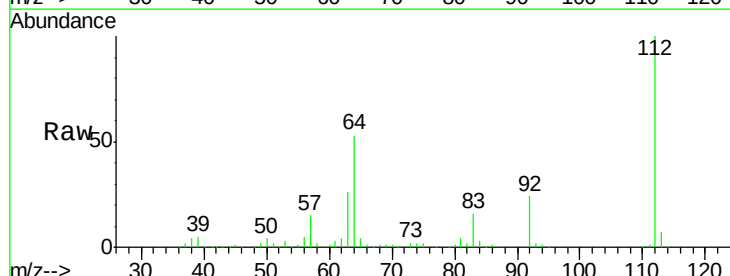


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

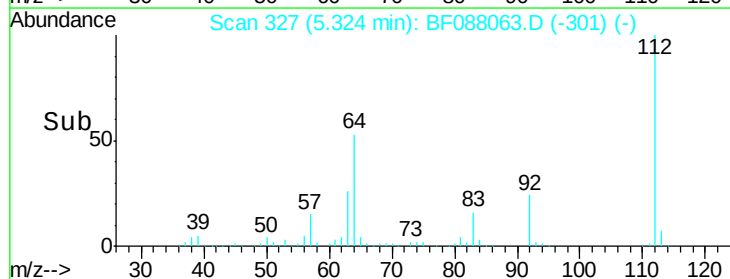
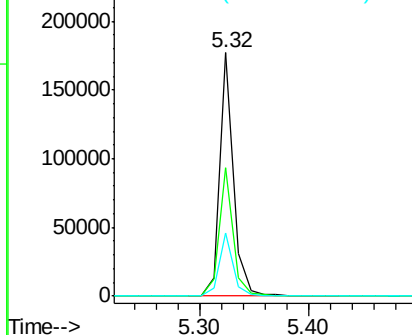


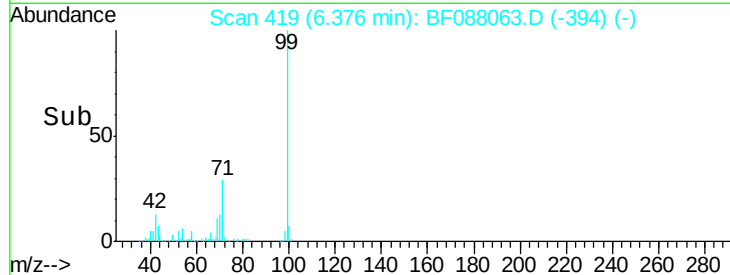
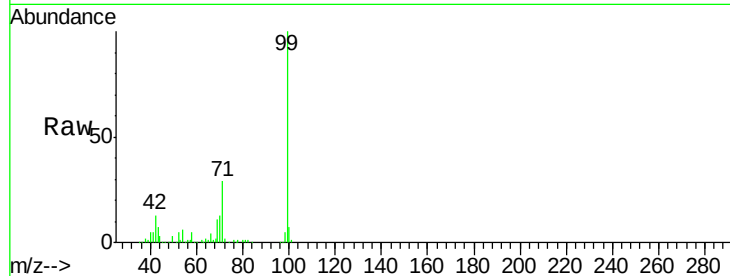
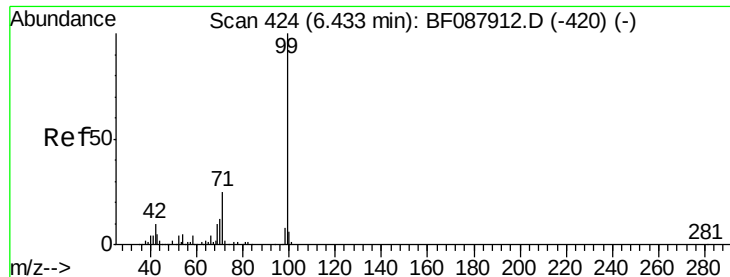
#5
 2-Fluorophenol
 Concen: 25.90 ng
 RT: 5.32 min Scan# 327
 Delta R.T. 0.00 min
 Lab File: BF088063.D
 Acq: 16 Jun 2016 5:25

Tgt Ion:112 Resp: 157338
 Ion Ratio Lower Upper
 112 100
 64 52.7 42.2 63.2
 63 26.2 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: 34.02 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF088063.D

Acq: 16 Jun 2016 5:25

Instrument :

BNA_F

ClientSampleId :

SB-21-COMP

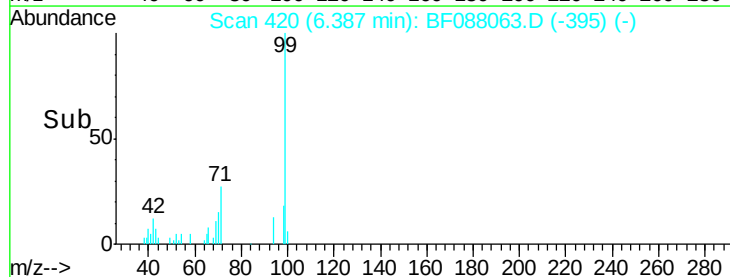
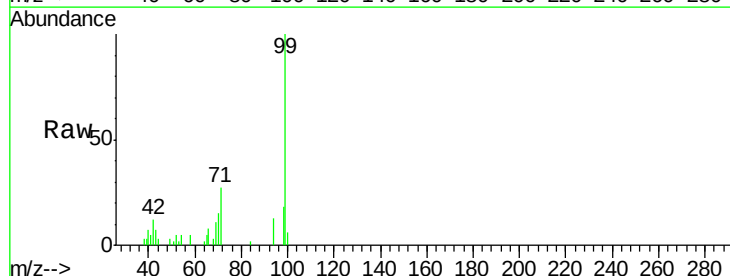
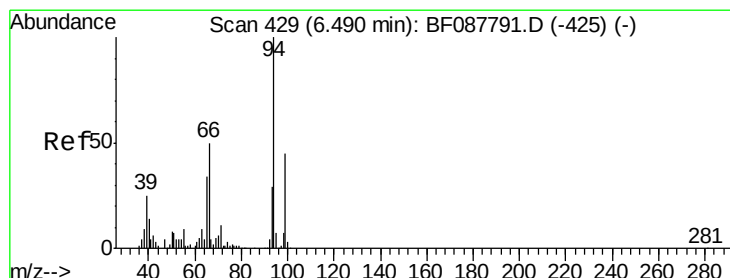
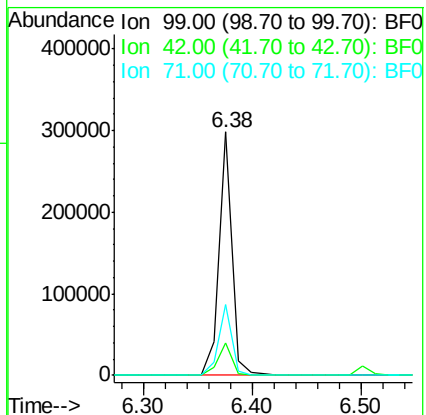
Tgt Ion: 99 Resp: 250472

Ion Ratio Lower Upper

99 100

42 13.3 12.2 18.2

71 29.0 23.4 35.0



#10

Phenol

Concen: Below Cal

RT: 6.39 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF088063.D

Acq: 16 Jun 2016 5:25

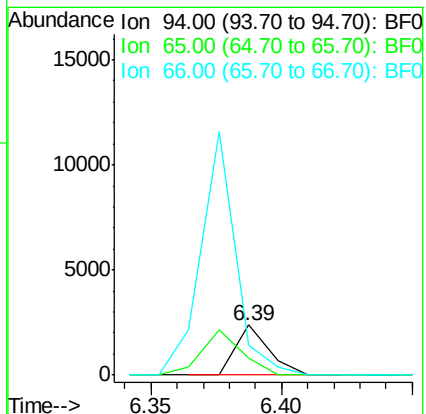
Tgt Ion: 94 Resp: 2096

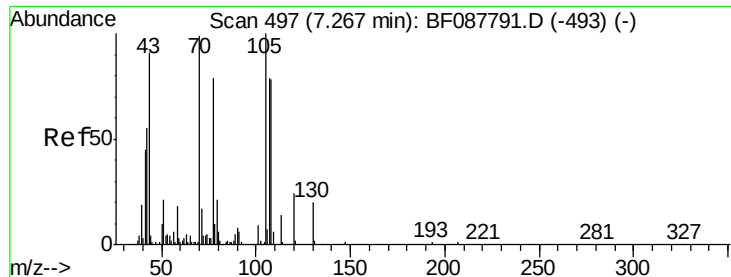
Ion Ratio Lower Upper

94 100

65 33.9 5.9 45.9

66 58.4 14.0 54.0#

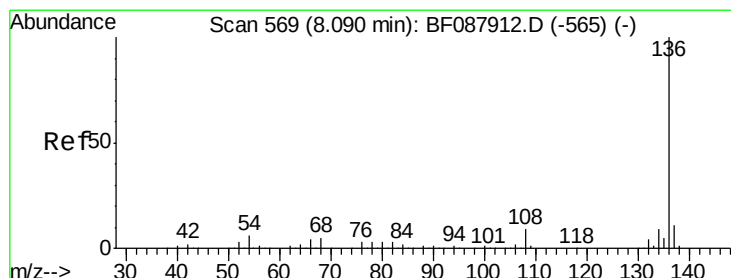
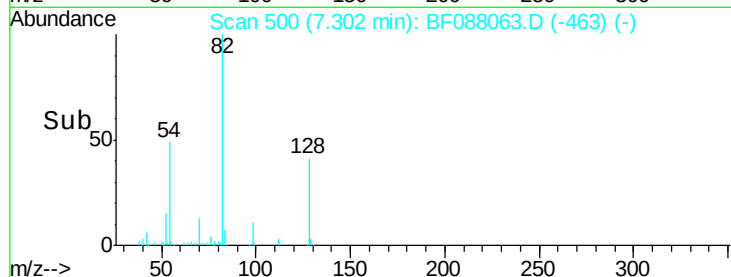
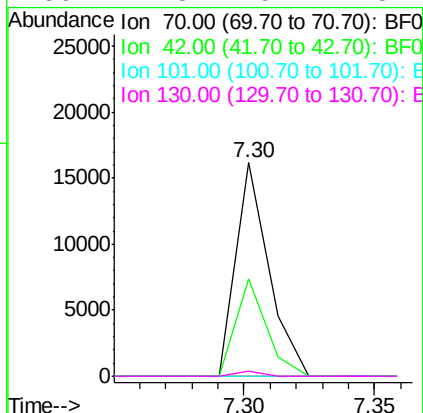
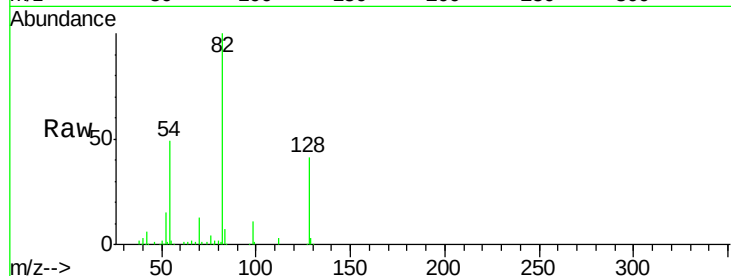




#19
n-Nitroso-di-n-propylamine
Concen: 3.01 ng
RT: 7.30 min Scan# 500
Delta R.T. 0.13 min
Lab File: BF088063.D
Acq: 16 Jun 2016 5:25

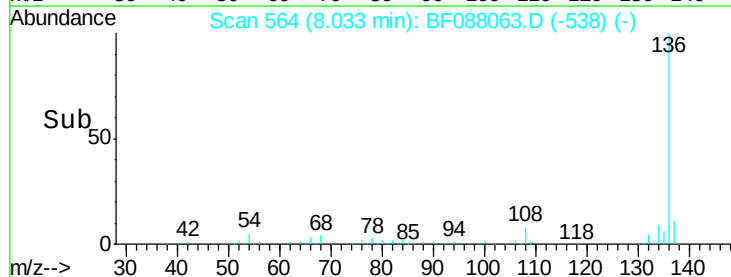
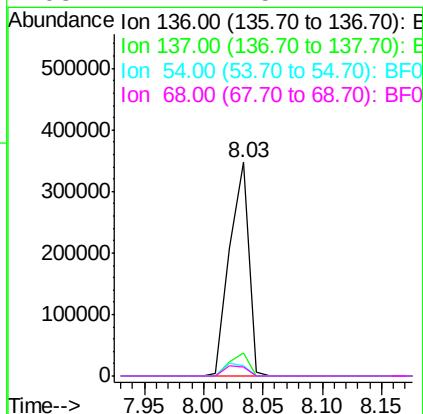
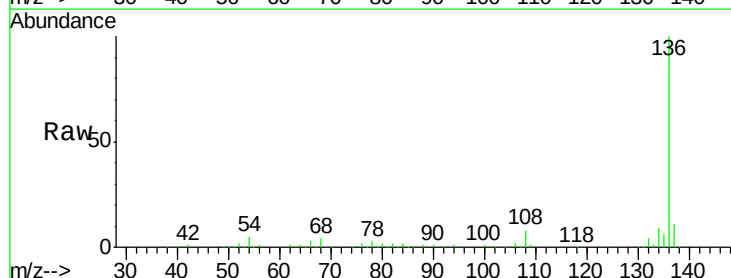
Instrument :
BNA_F
ClientSampleId :
SB-21-COMP

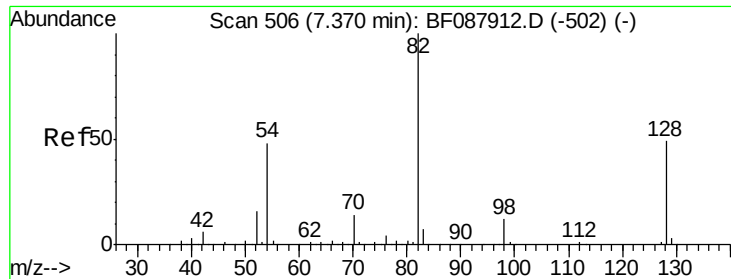
Tgt Ion: 70 Resp: 14189
Ion Ratio Lower Upper
70 100
42 45.5 49.6 74.4#
101 0.0 7.1 10.7#
130 2.3 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF088063.D
Acq: 16 Jun 2016 5:25

Tgt Ion: 136 Resp: 388938
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 4.9 6.6 10.0#
68 4.4 5.1 7.7#

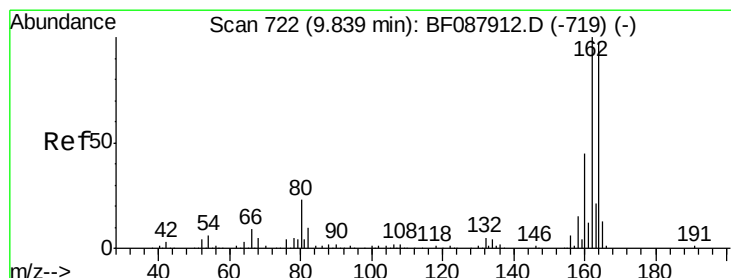
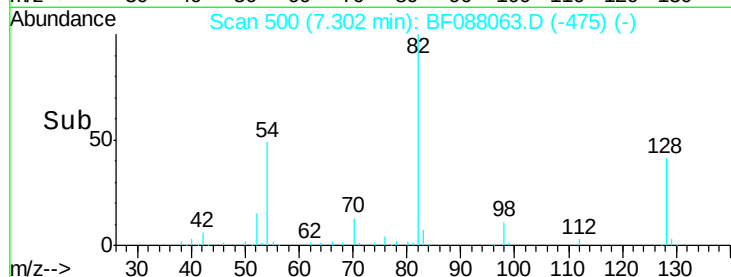
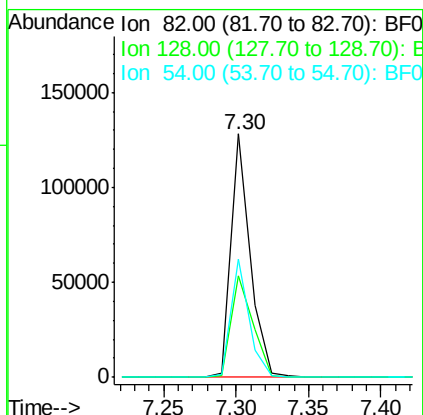
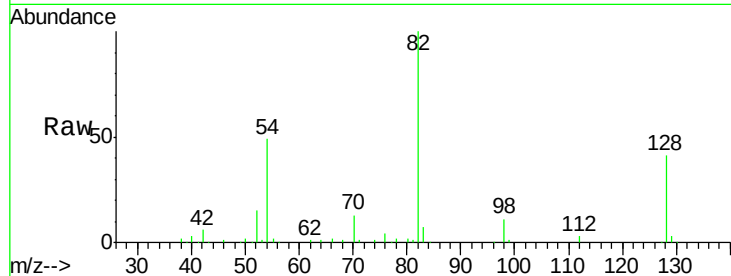




#23
 Nitrobenzene-d5
 Concen: 17.71 ng
 RT: 7.30 min Scan# 500
 Delta R.T. -0.01 min
 Lab File: BF088063.D
 Acq: 16 Jun 2016 5:25

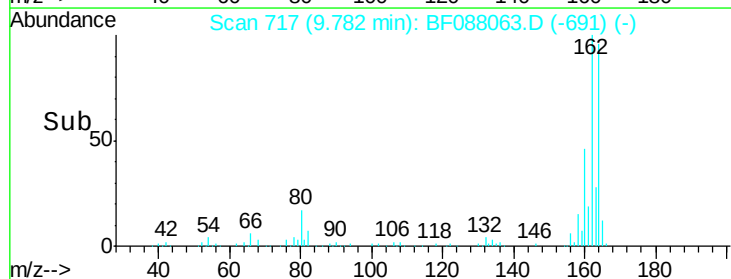
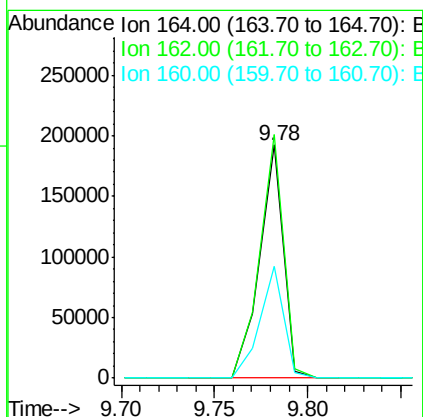
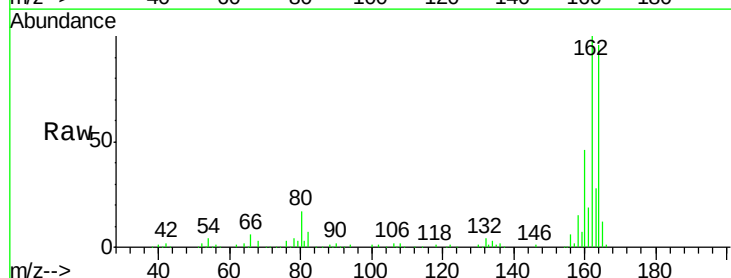
Instrument :
 BNA_F
 ClientSampleId :
 SB-21-COMP

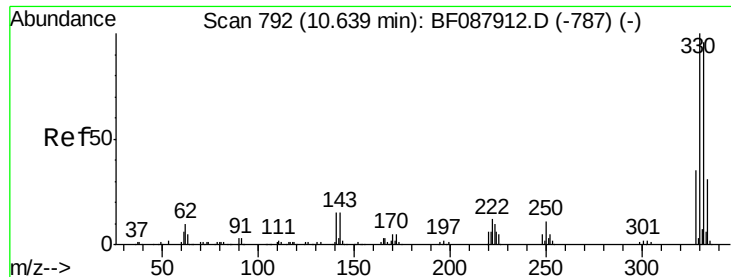
Tgt Ion: 82 Resp: 117928
 Ion Ratio Lower Upper
 82 100
 128 41.5 35.9 53.9
 54 48.6 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF088063.D
 Acq: 16 Jun 2016 5:25

Tgt Ion: 164 Resp: 172317
 Ion Ratio Lower Upper
 164 100
 162 104.4 85.4 128.2
 160 47.8 39.5 59.3

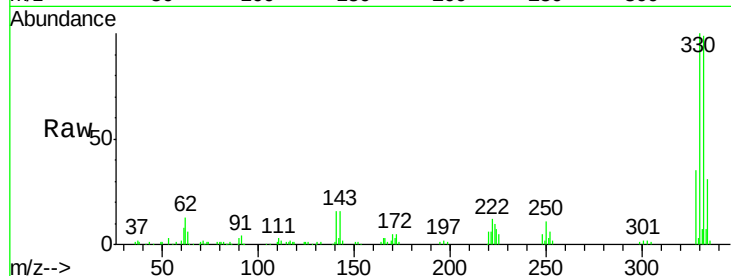




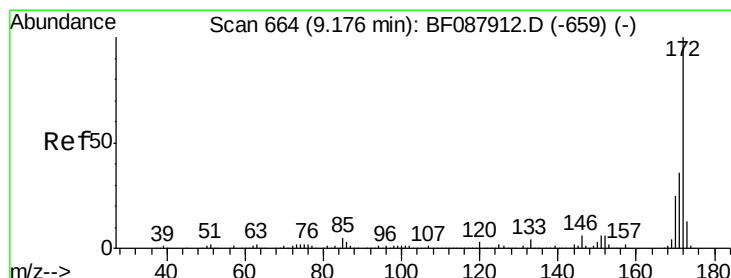
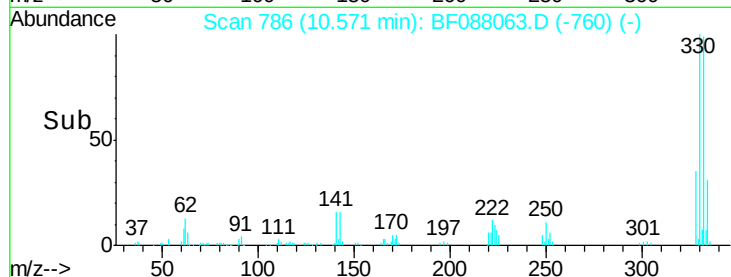
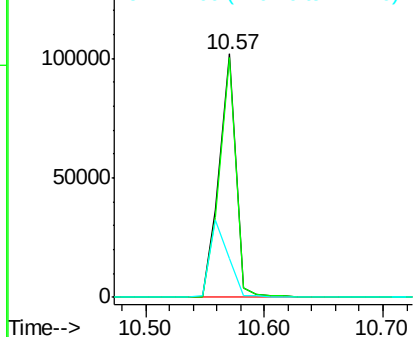
#41
 2,4,6-Tribromophenol
 Concen: 54.81 ng
 RT: 10.57 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF088063.D
 Acq: 16 Jun 2016 5:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-21-COMP

Tgt Ion:330 Resp: 99722
 Ion Ratio Lower Upper
 330 100
 332 97.2 0.0 0.0#
 141 35.0 0.0 0.0#

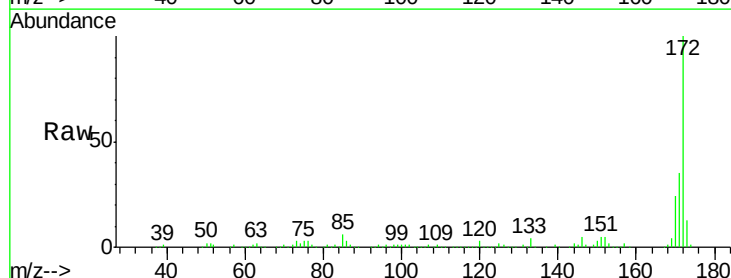


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

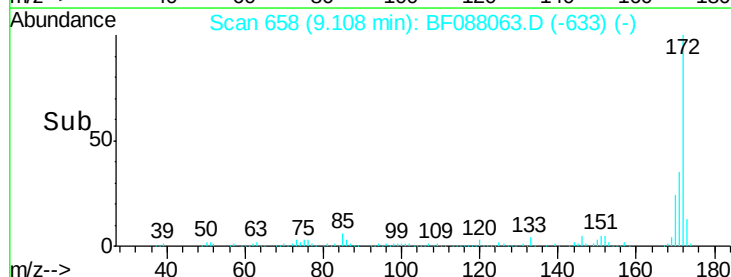
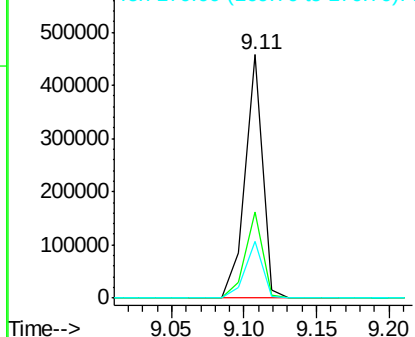


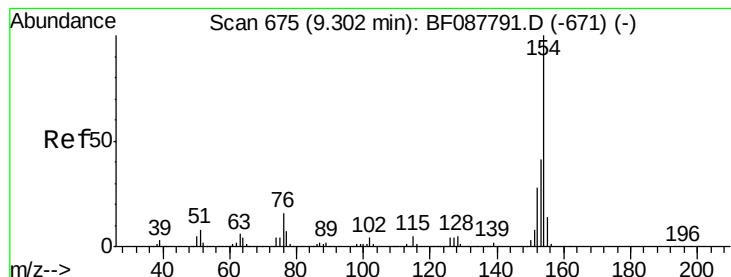
#44
 2-Fluorobiphenyl
 Concen: 31.54 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF088063.D
 Acq: 16 Jun 2016 5:25

Tgt Ion:172 Resp: 384129
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 43.0
 170 23.6 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





#45

1,1'-Biphenyl

Concen: Below Cal

RT: 9.11 min Scan# 658

Delta R.T. -0.10 min

Lab File: BF088063.D

Acq: 16 Jun 2016 5:25

Instrument :

BNA_F

ClientSampleId :

SB-21-COMP

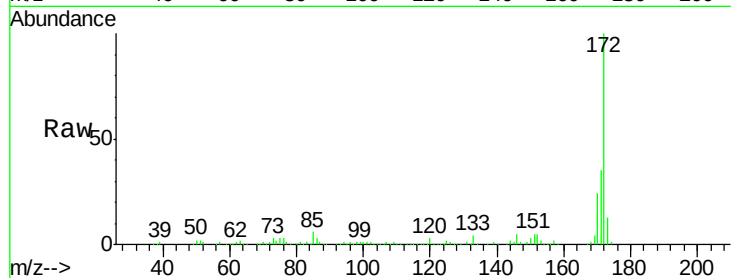
Tgt Ion:154 Resp: 564

Ion Ratio Lower Upper

154 100

153 983.5 20.6 60.6#

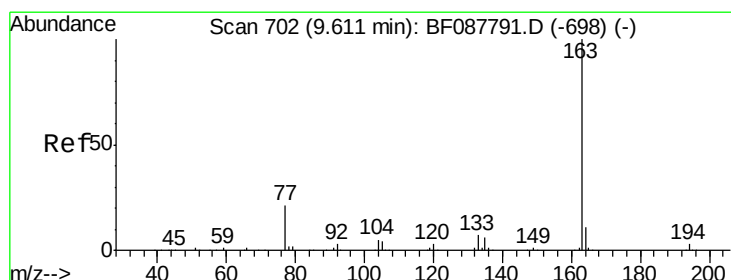
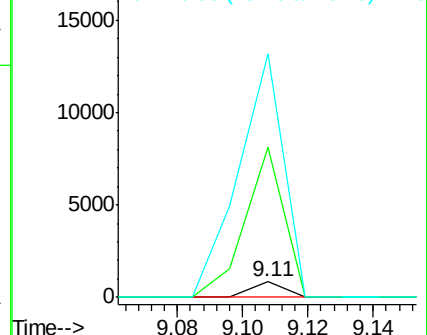
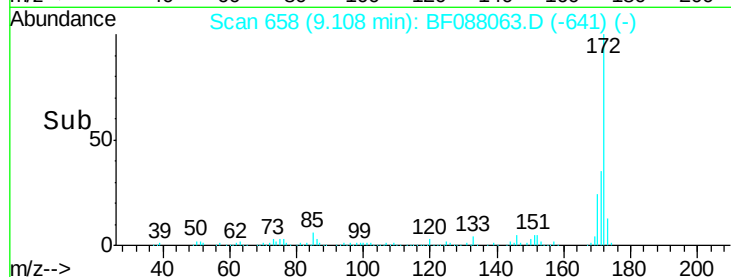
76 1601.0 0.0 35.1#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#49

Dimethylphthalate

Concen: 12.84 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF088063.D

Acq: 16 Jun 2016 5:25

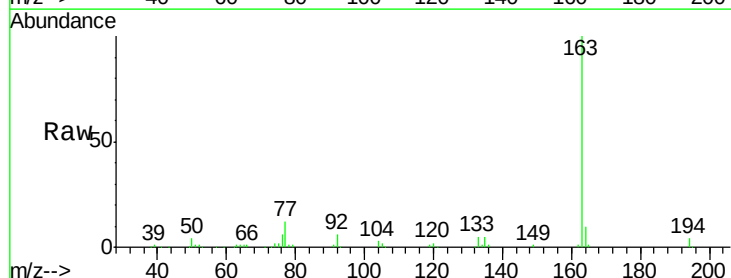
Tgt Ion:163 Resp: 160269

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

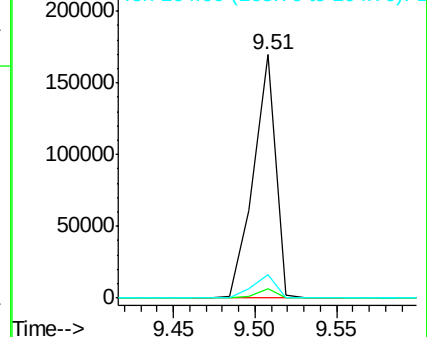
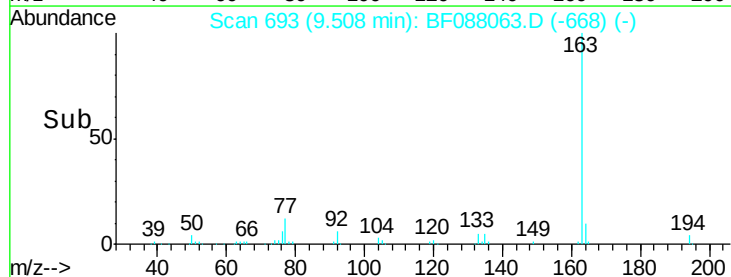
164 9.5 8.3 12.5

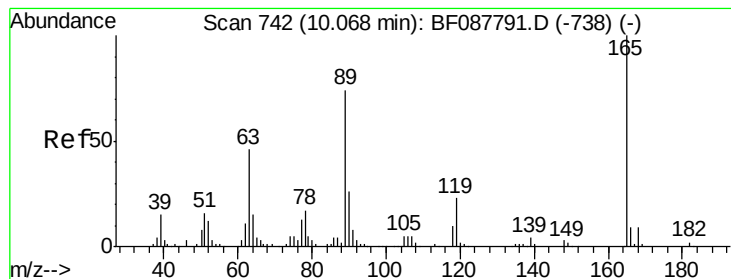


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#56

2,4-Dinitrotoluene

Concen: 5.93 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.21 min

Lab File: BF088063.D

Acq: 16 Jun 2016 5:25

Instrument :

BNA_F

ClientSampleId :

SB-21-COMP

Tgt Ion:165 Resp: 21781

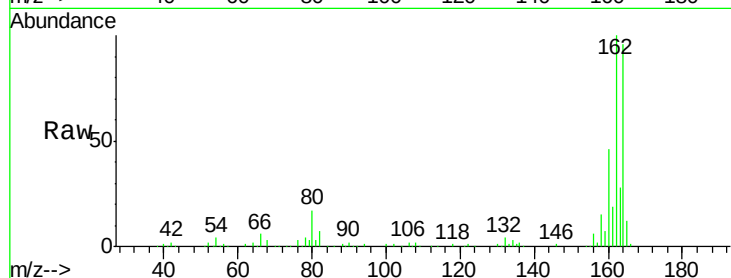
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 1.3 41.1 61.7#

182 0.0 2.0 3.0#

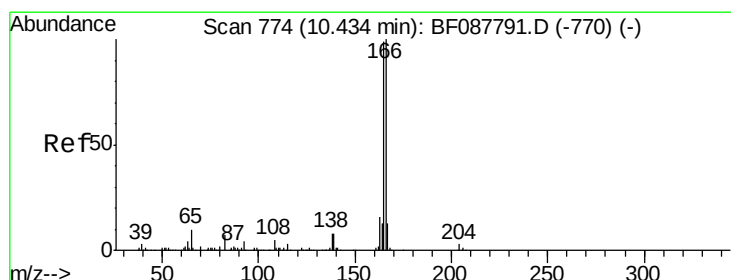
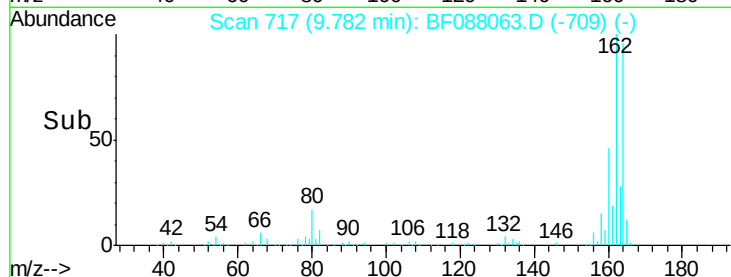
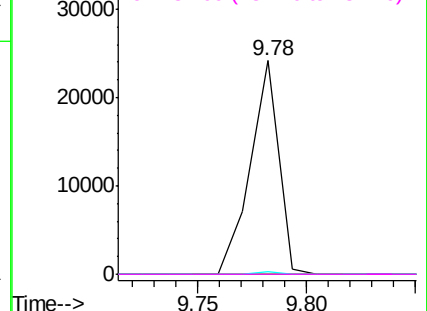


Abundance Ion 165.00 (164.70 to 165.70): E

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



#57

Fluorene

Concen: Below Cal

RT: 10.56 min Scan# 785

Delta R.T. 0.23 min

Lab File: BF088063.D

Acq: 16 Jun 2016 5:25

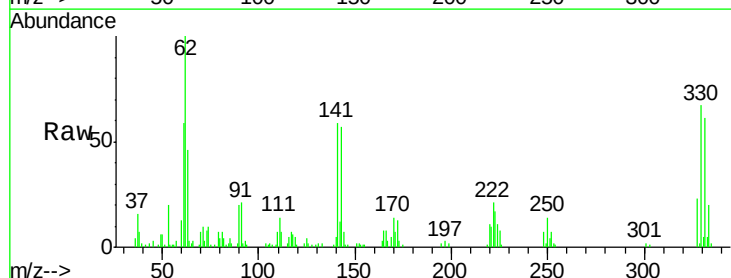
Tgt Ion:166 Resp: 4824

Ion Ratio Lower Upper

166 100

165 110.2 77.8 116.8

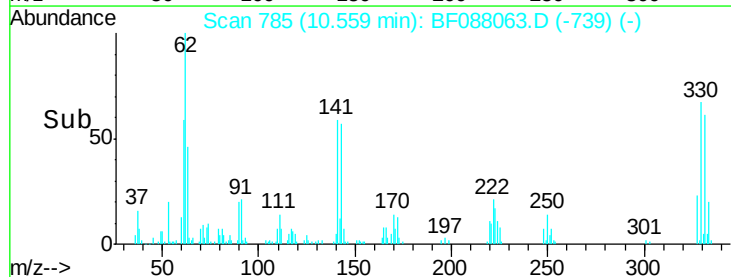
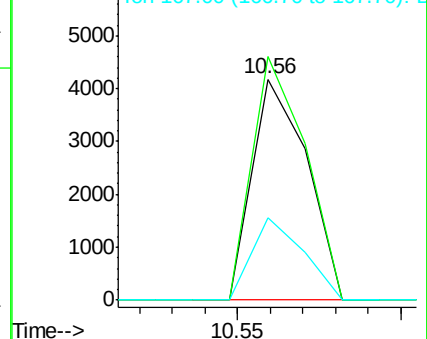
167 37.0 11.2 16.8#

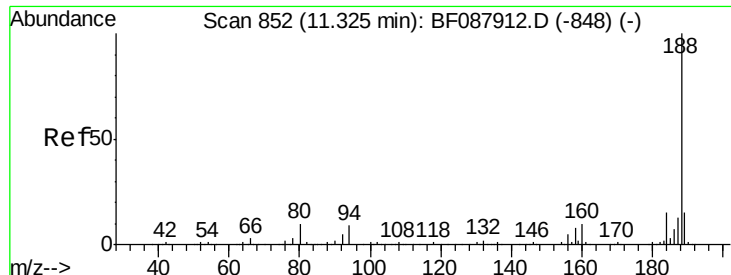


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

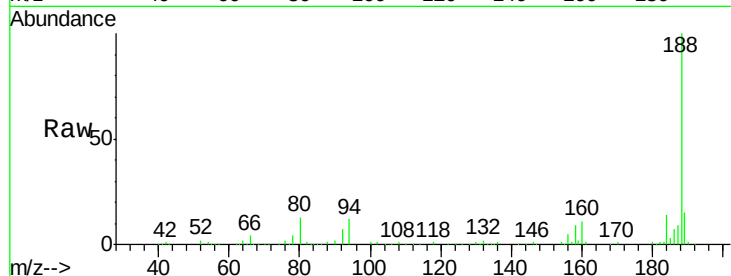




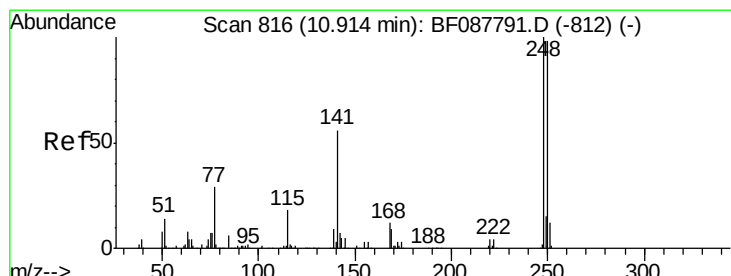
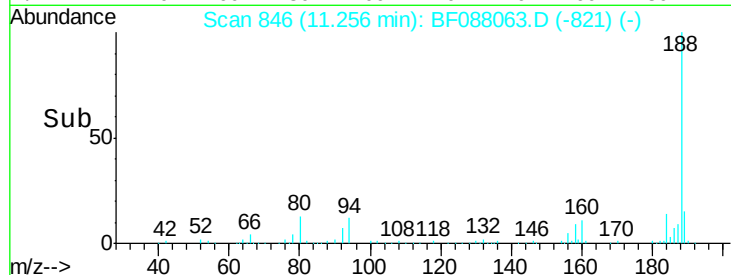
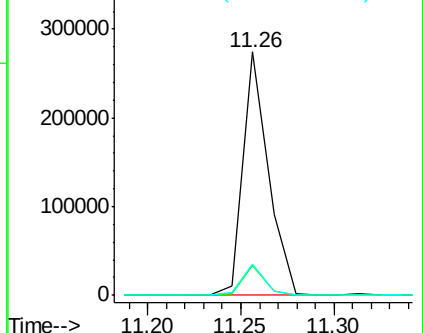
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF088063.D
Acq: 16 Jun 2016 5:25

Instrument :
BNA_F
ClientSampleId :
SB-21-COMP

Tgt Ion:188 Resp: 259505
Ion Ratio Lower Upper
188 100
94 12.2 9.0 13.6
80 12.9 10.0 15.0

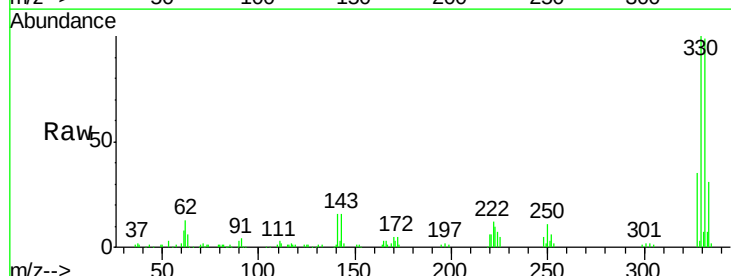


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

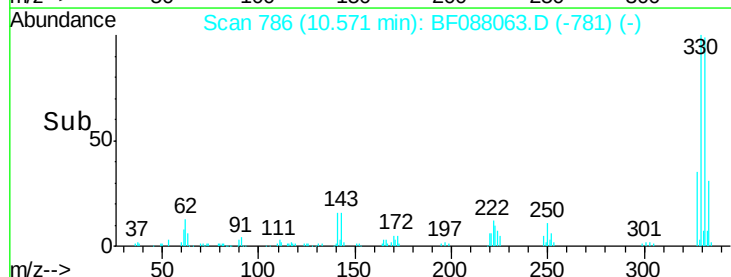
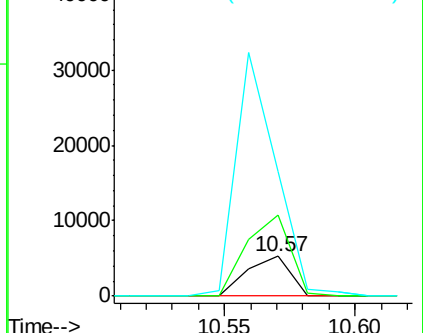


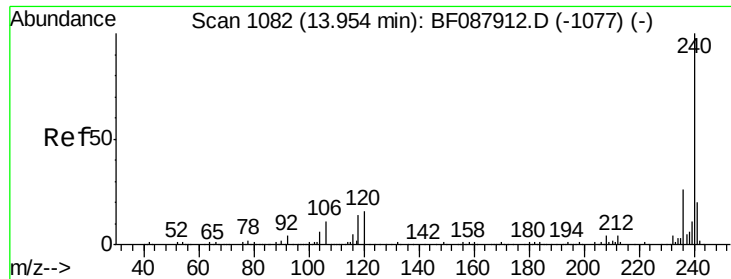
#66
4-Bromophenyl-phenylether
Concen: 2.18 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.24 min
Lab File: BF088063.D
Acq: 16 Jun 2016 5:25

Tgt Ion:248 Resp: 6076
Ion Ratio Lower Upper
248 100
250 204.7 77.1 115.7#
141 313.5 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

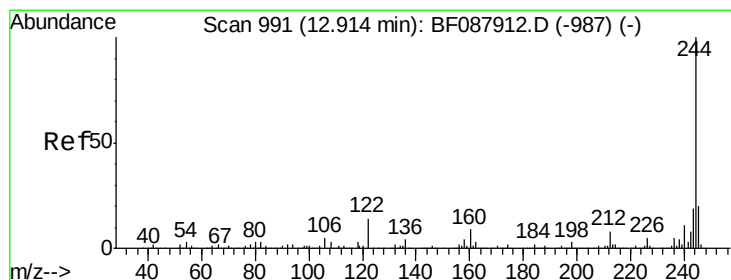
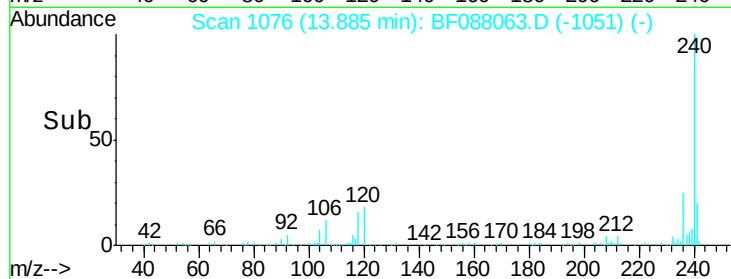
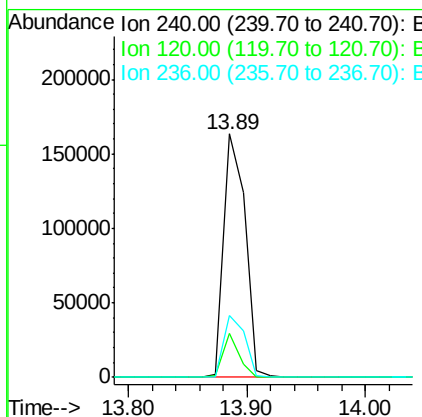
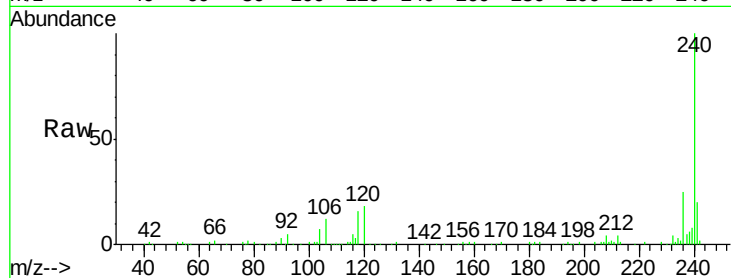




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1076
Delta R.T. -0.01 min
Lab File: BF088063.D
Acq: 16 Jun 2016 5:25

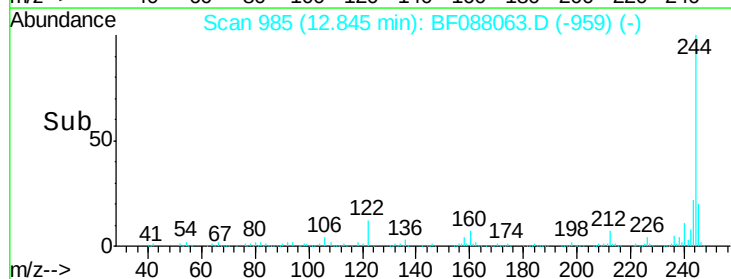
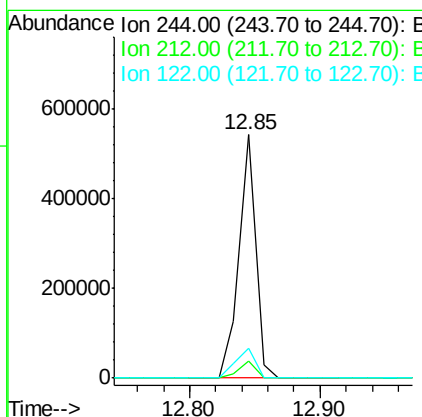
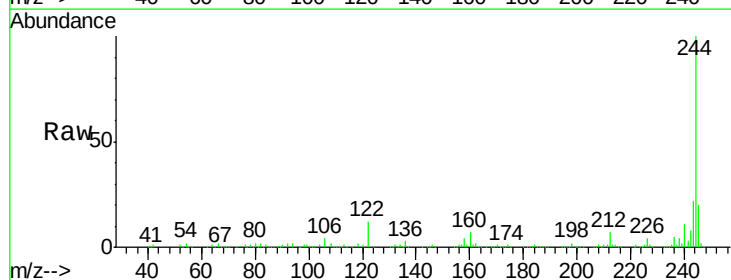
Instrument :
BNA_F
ClientSampleId :
SB-21-COMP

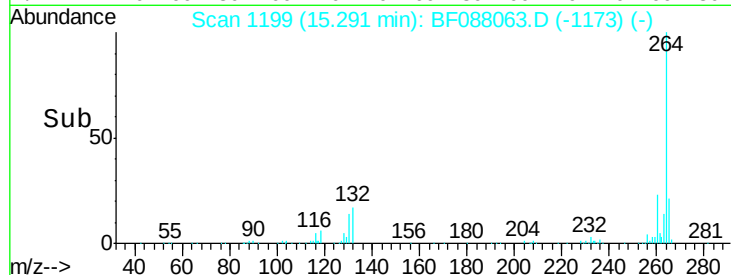
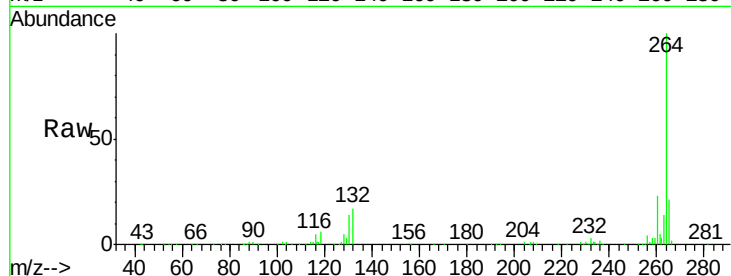
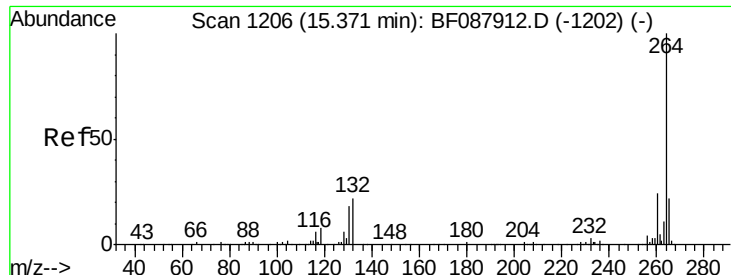
Tgt Ion: 240 Resp: 203421
Ion Ratio Lower Upper
240 100
120 17.9 6.8 10.2#
236 25.4 20.2 30.2



#78
Terphenyl-d14
Concen: 53.88 ng
RT: 12.85 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF088063.D
Acq: 16 Jun 2016 5:25

Tgt Ion: 244 Resp: 481648
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 12.2 11.2 16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF088063.D
Acq: 16 Jun 2016 5:25

Instrument :
BNA_F
ClientSampleId :
SB-21-COMP

Tgt Ion:	264	Resp:	208542
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.2	28.8
265	21.3	16.9	25.3

