

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061516\
 Data File : BF088066.D
 Acq On : 16 Jun 2016 6:53
 Operator : UM/SJ
 Sample : H3570-16
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-18-COMP

Quant Time: Jun 16 07:41:16 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

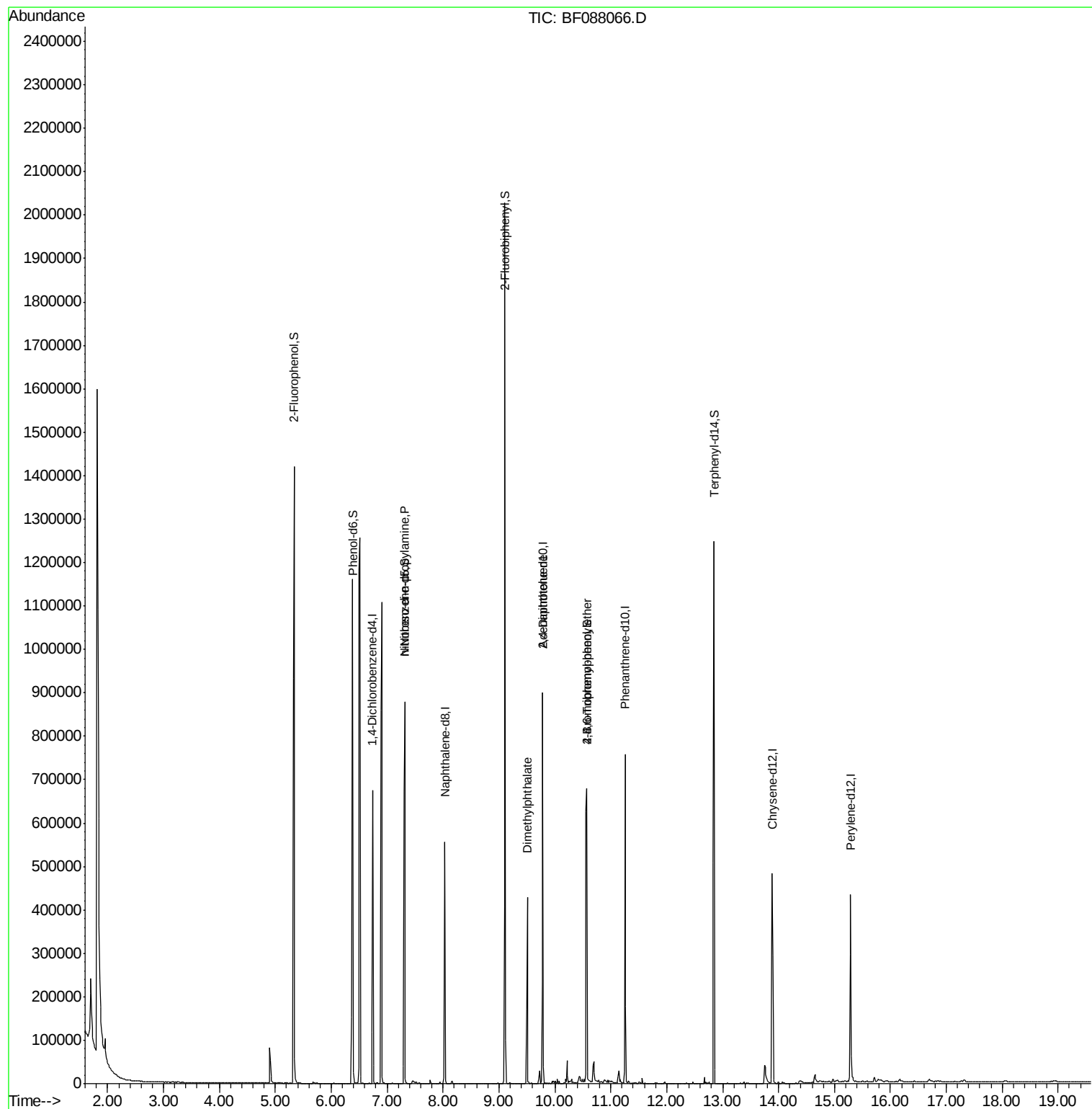
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	103424	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	385763	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	177454	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	267895	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	199170	20.00	ng	-0.01
86) Perylene-d12	15.29	264	206306	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	531020	87.77	ng	0.01
7) Phenol-d6	6.39	99	670592	91.46	ng	0.00
23) Nitrobenzene-d5	7.31	82	392784	59.46	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	125861	67.17	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	602638	51.14	ng	-0.01
78) Terphenyl-d14	12.85	244	417117	47.66	ng	0.00
Target Compounds						
10) Phenol	6.40	94	5245	Below Cal		Qvalue 96
19) n-Nitroso-di-n-propylamine	7.31	70	49725	10.60 ng	#	67
45) 1,1'-Biphenyl	9.11	154	1056	Below Cal	#	1
49) Dimethylphthalate	9.51	163	208233	16.20 ng		98
56) 2,4-Dinitrotoluene	9.78	165	22203	5.87 ng	#	37
57) Fluorene	10.56	166	6023	Below Cal	#	84
66) 4-Bromophenyl-phenylether	10.57	248	7815	2.72 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: 6.74 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF088066.D

Acq: 16 Jun 2016 6:53

Instrument :

BNA_F

ClientSampleId :

SB-18-COMP

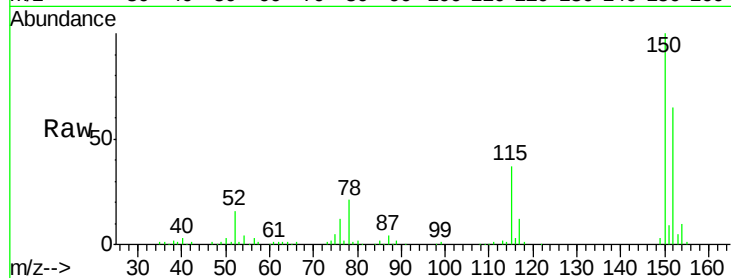
Tgt Ion:152 Resp: 103424

Ion Ratio Lower Upper

152 100

150 154.7 123.8 185.6

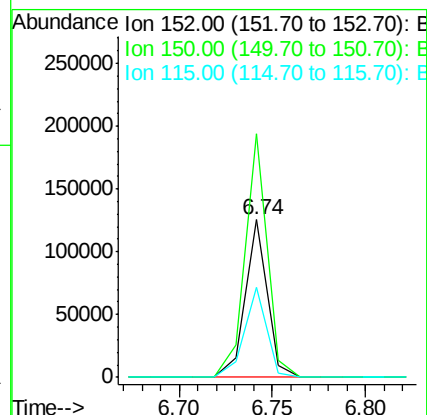
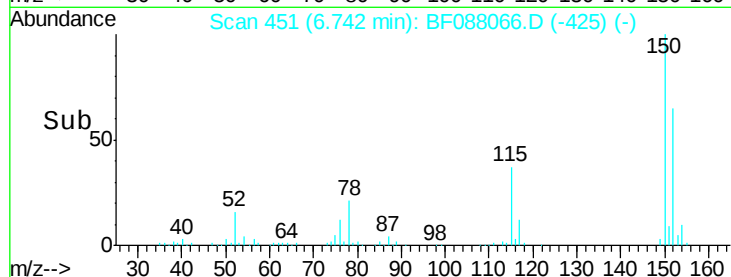
115 57.3 39.6 59.4



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: 87.77 ng

RT: 5.34 min Scan# 328

Delta R.T. 0.01 min

Lab File: BF088066.D

Acq: 16 Jun 2016 6:53

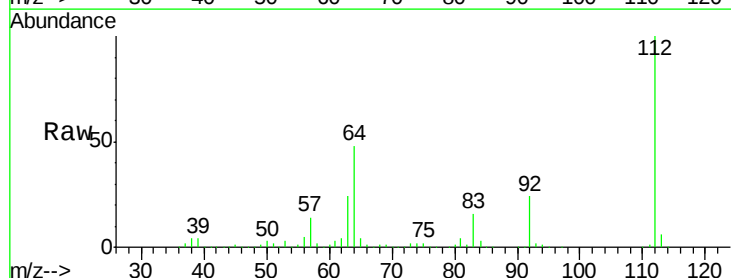
Tgt Ion:112 Resp: 531020

Ion Ratio Lower Upper

112 100

64 48.3 42.2 63.2

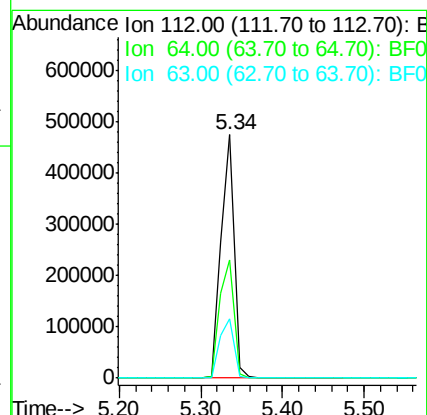
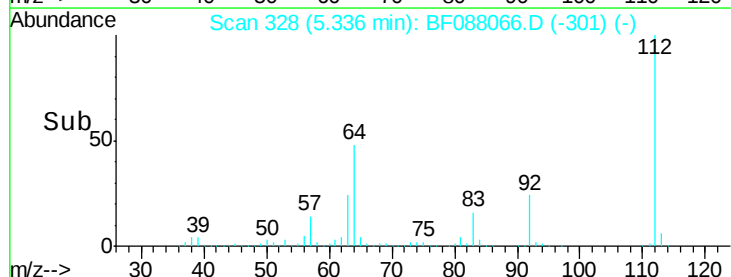
63 24.2 21.8 32.8

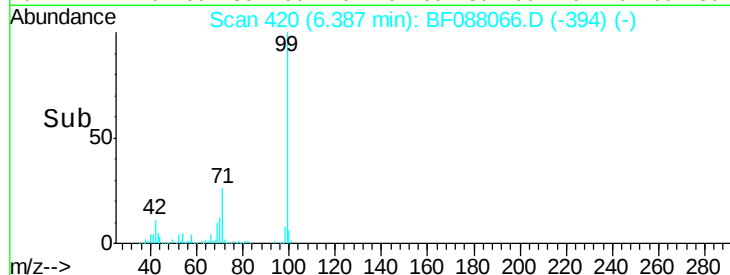
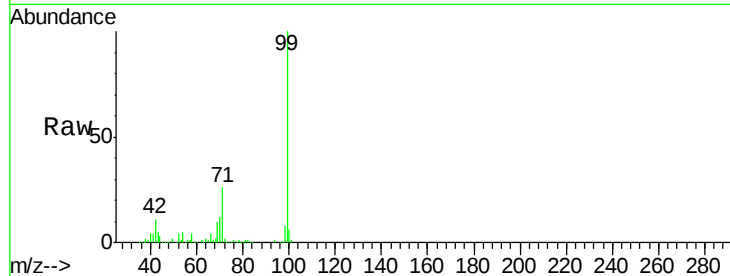


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 91.46 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF088066.D

Acq: 16 Jun 2016 6:53

Instrument :

BNA_F

ClientSampleId :

SB-18-COMP

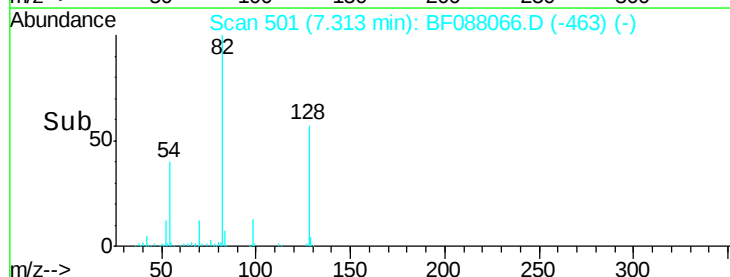
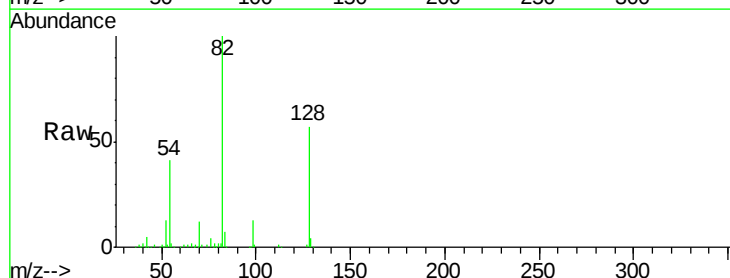
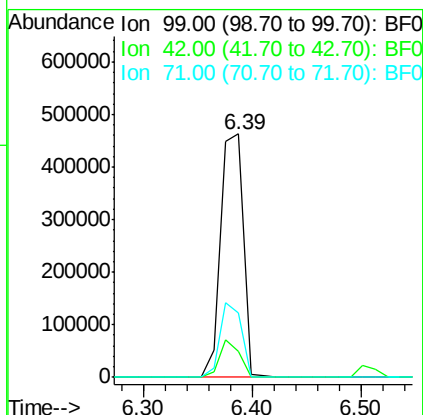
Tgt Ion: 99 Resp: 670592

Ion Ratio Lower Upper

99 100

42 10.6 12.2 18.2#

71 26.3 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.60 ng

RT: 7.31 min Scan# 501

Delta R.T. 0.14 min

Lab File: BF088066.D

Acq: 16 Jun 2016 6:53

Tgt Ion: 70 Resp: 49725

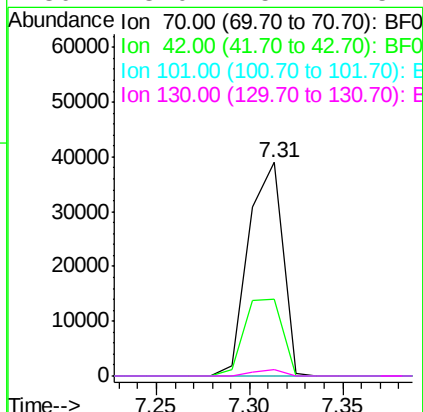
Ion Ratio Lower Upper

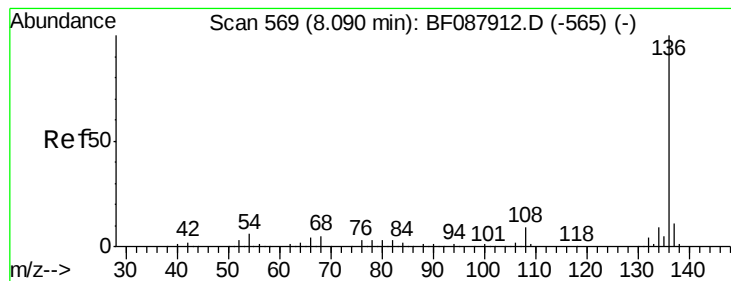
70 100

42 36.0 49.6 74.4#

101 0.0 7.1 10.7#

130 3.0 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: BF088066.D

Acq: 16 Jun 2016 6:53

Instrument :

BNA_F

ClientSampleId :

SB-18-COMP

Tgt Ion:136 Resp: 385763

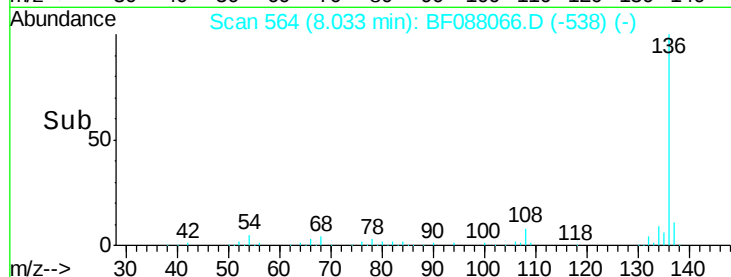
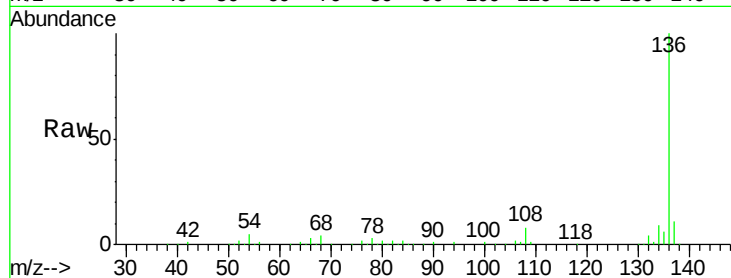
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 4.7 6.6 10.0#

68 4.2 5.1 7.7#

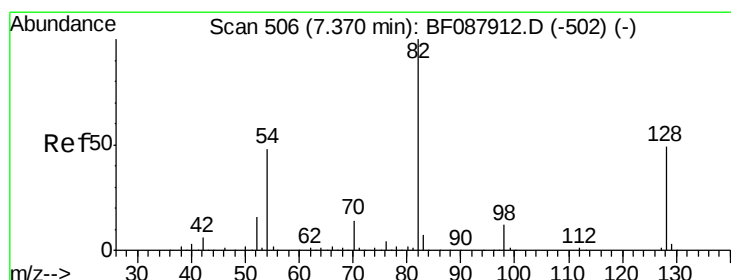
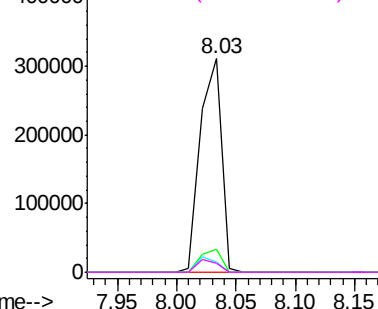


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.46 ng

RT: 7.31 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF088066.D

Acq: 16 Jun 2016 6:53

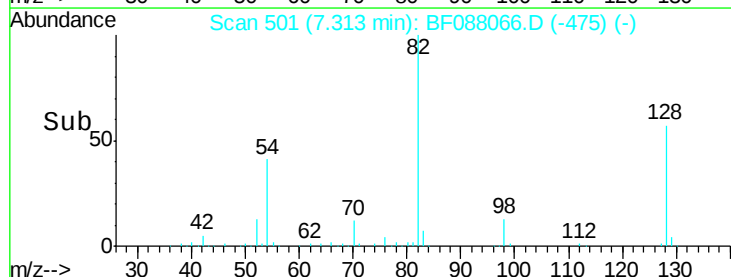
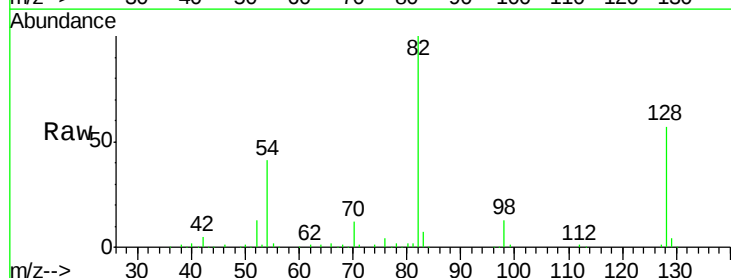
Tgt Ion: 82 Resp: 392784

Ion Ratio Lower Upper

82 100

128 57.4 35.9 53.9#

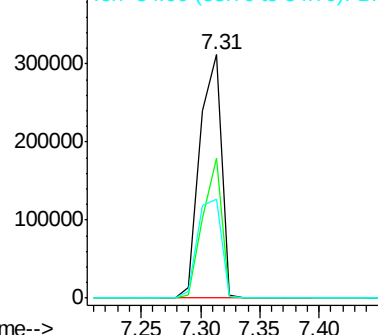
54 40.5 40.9 61.3#



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

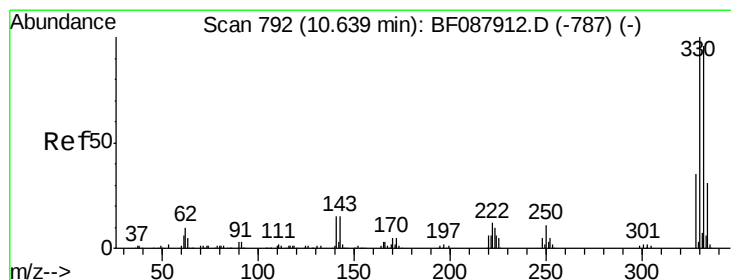
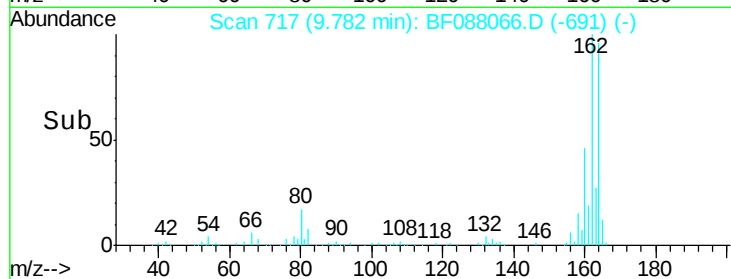
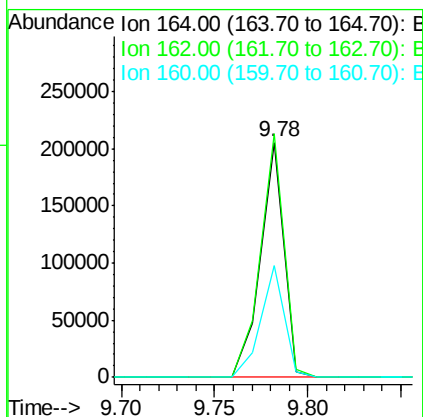
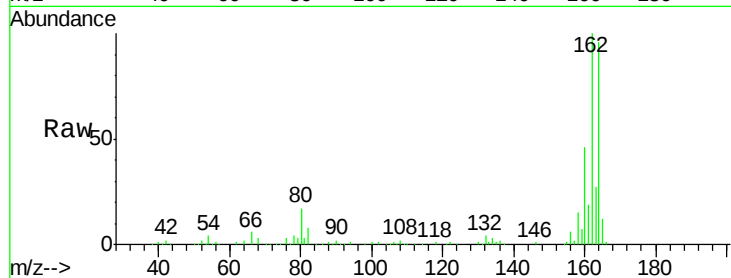




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF088066.D
 Acq: 16 Jun 2016 6:53

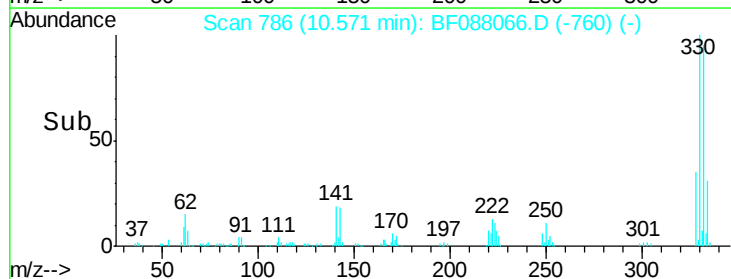
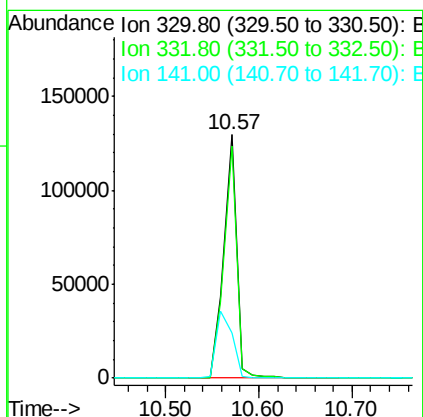
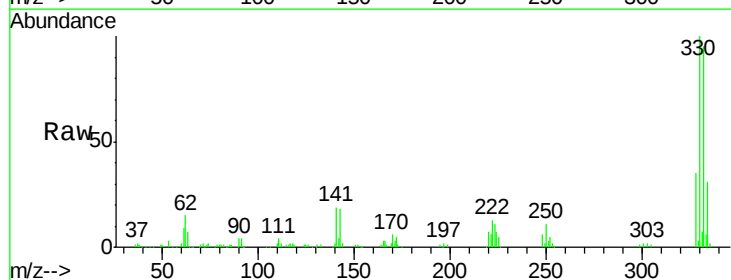
Instrument :
 BNA_F
 ClientSampleId :
 SB-18-COMP

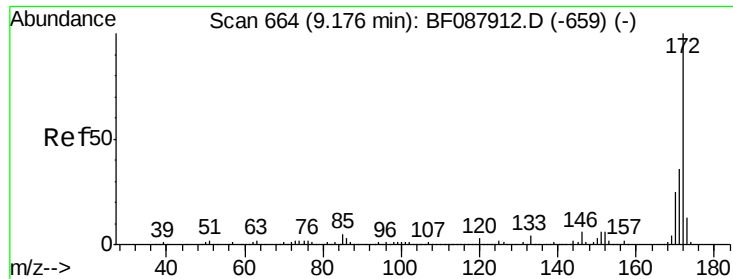
Tgt Ion:164 Resp: 177454
 Ion Ratio Lower Upper
 164 100
 162 103.7 85.4 128.2
 160 47.3 39.5 59.3



#41
 2,4,6-Tribromophenol
 Concen: 67.17 ng
 RT: 10.57 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF088066.D
 Acq: 16 Jun 2016 6:53

Tgt Ion:330 Resp: 125861
 Ion Ratio Lower Upper
 330 100
 332 94.7 0.0 0.0#
 141 34.5 0.0 0.0#

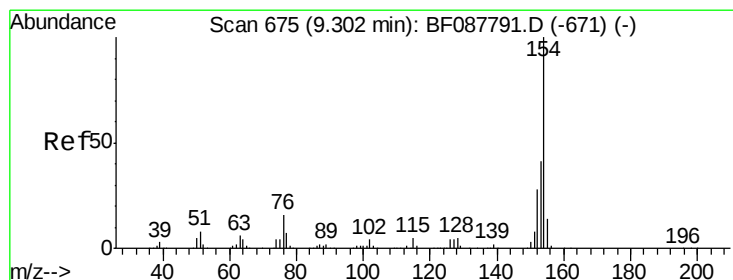
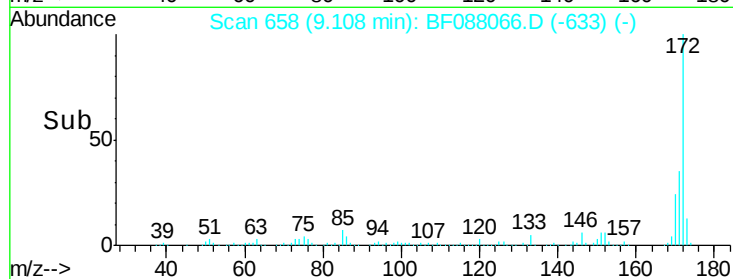
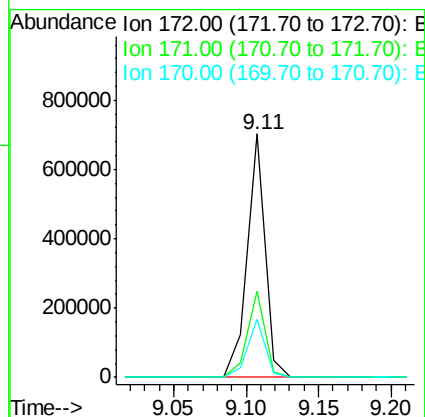
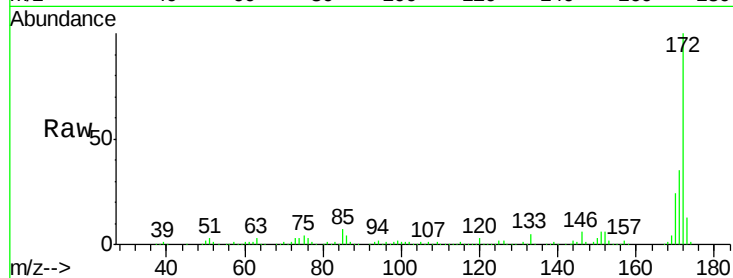




#44
 2-Fluorobiphenyl
 Concen: 51.14 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF088066.D
 Acq: 16 Jun 2016 6:53

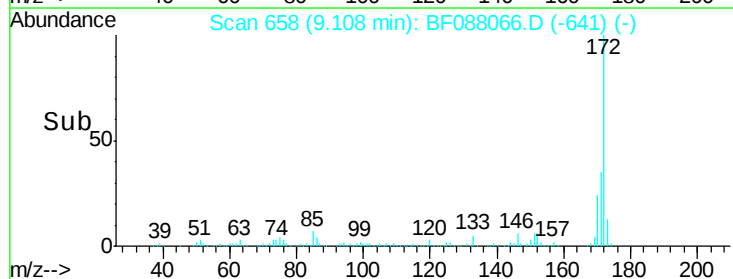
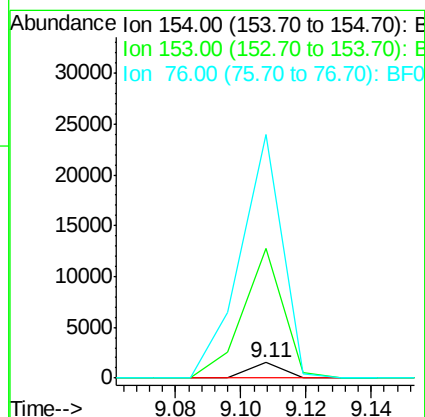
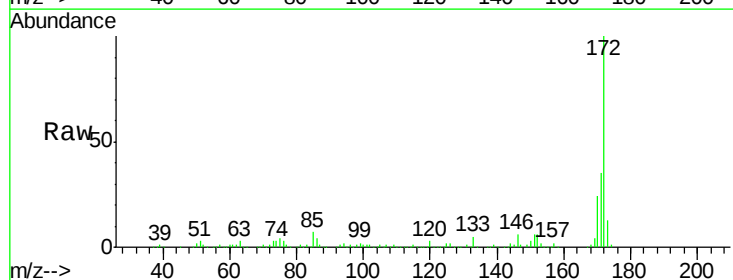
Instrument :
 BNA_F
 ClientSampleId :
 SB-18-COMP

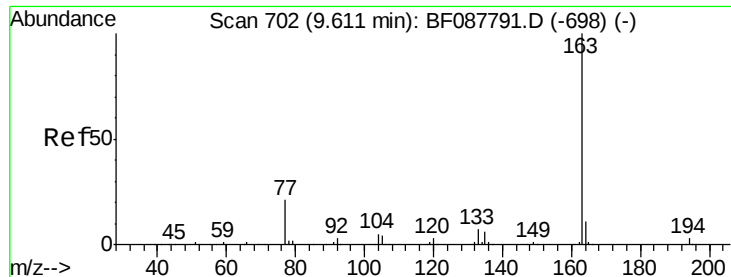
Tgt Ion:172 Resp: 602638
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 43.0
 170 23.6 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.11 min Scan# 658
 Delta R.T. -0.10 min
 Lab File: BF088066.D
 Acq: 16 Jun 2016 6:53

Tgt Ion:154 Resp: 1056
 Ion Ratio Lower Upper
 154 100
 153 833.0 20.6 60.6#
 76 1557.4 0.0 35.1#





#49

Dimethylphthalate

Concen: 16.20 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF088066.D

Acq: 16 Jun 2016 6:53

Instrument :

BNA_F

ClientSampleId :

SB-18-COMP

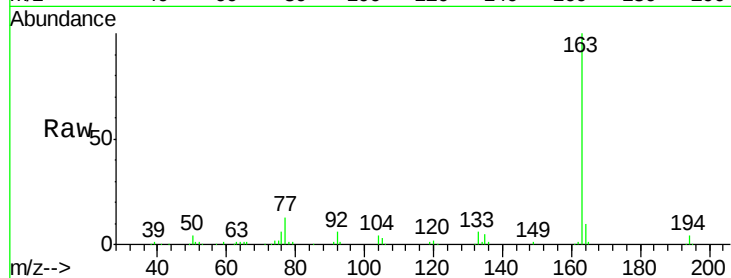
Tgt Ion:163 Resp: 208233

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

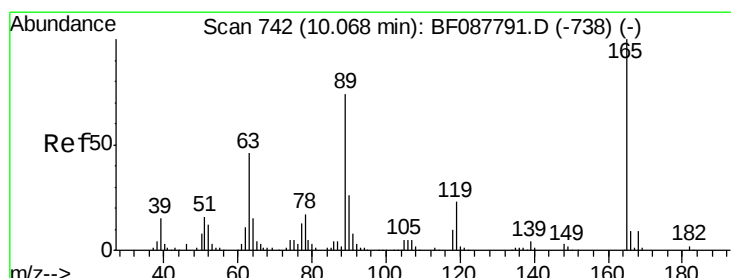
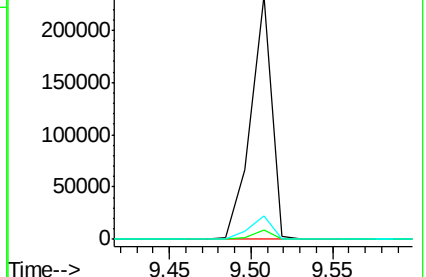
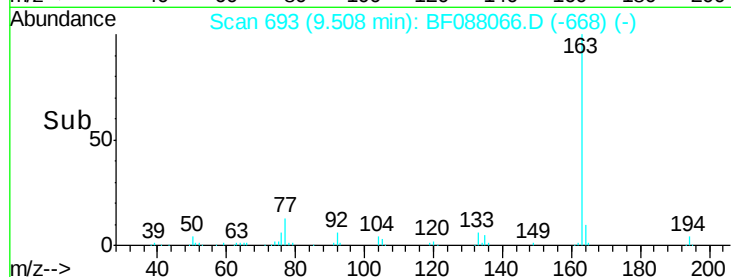
164 9.7 8.3 12.5



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: 5.87 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.21 min

Lab File: BF088066.D

Acq: 16 Jun 2016 6:53

Tgt Ion:165 Resp: 22203

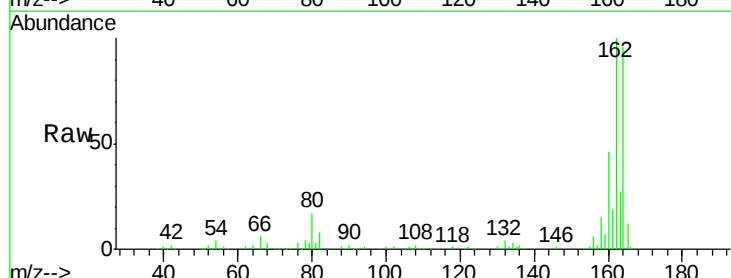
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 1.5 41.1 61.7#

182 0.0 2.0 3.0#

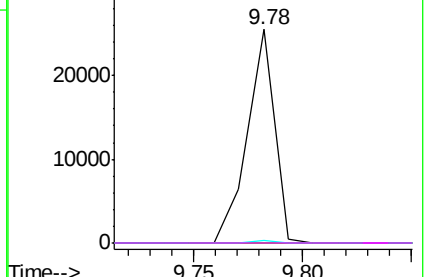
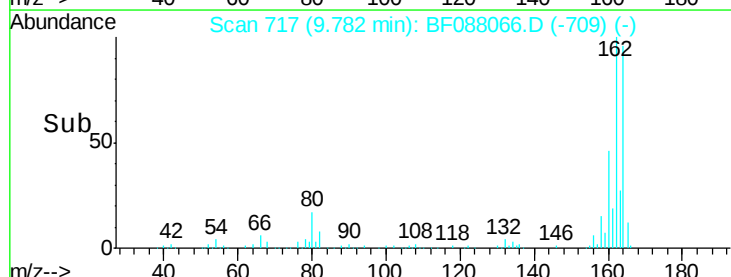


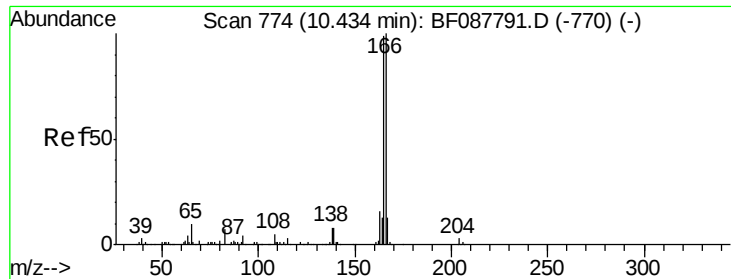
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF088066.D

Acq: 16 Jun 2016 6:53

Instrument :

BNA_F

ClientSampleId :

SB-18-COMP

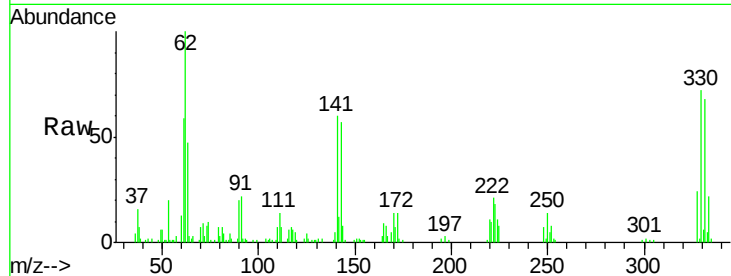
Tgt Ion:166 Resp: 6023

Ion Ratio Lower Upper

166 100

165 108.2 77.8 116.8

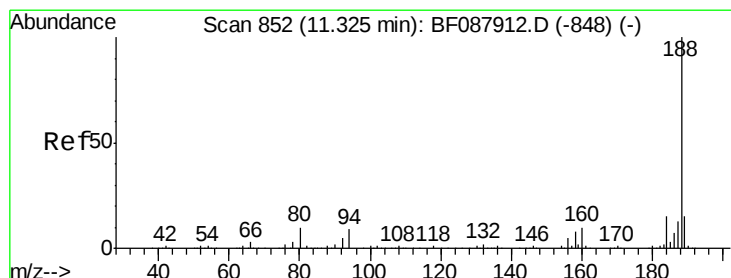
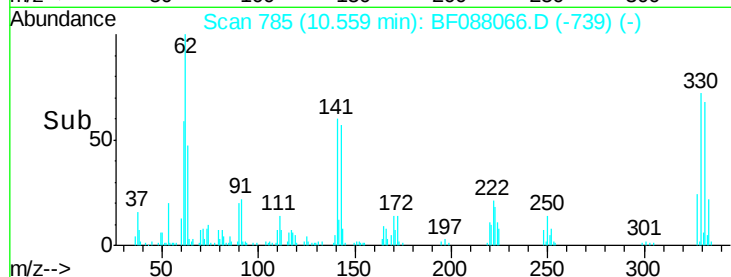
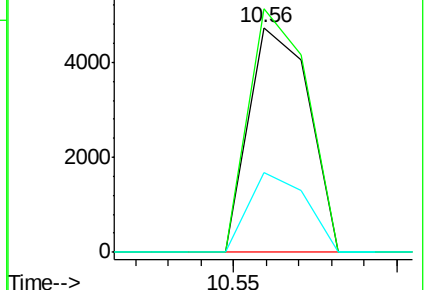
167 35.6 11.2 16.8#



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: BF088066.D

Acq: 16 Jun 2016 6:53

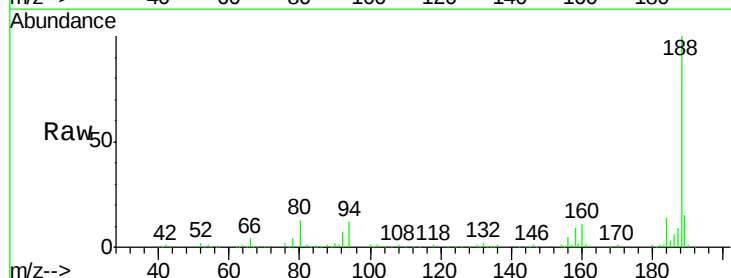
Tgt Ion:188 Resp: 267895

Ion Ratio Lower Upper

188 100

94 11.9 9.0 13.6

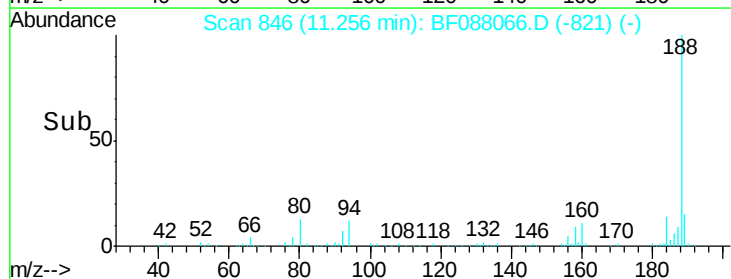
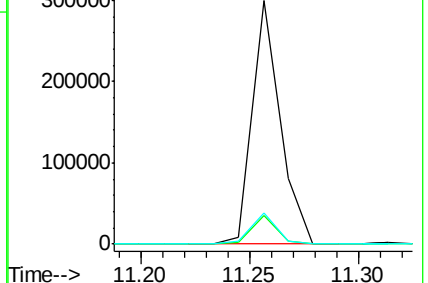
80 12.7 10.0 15.0

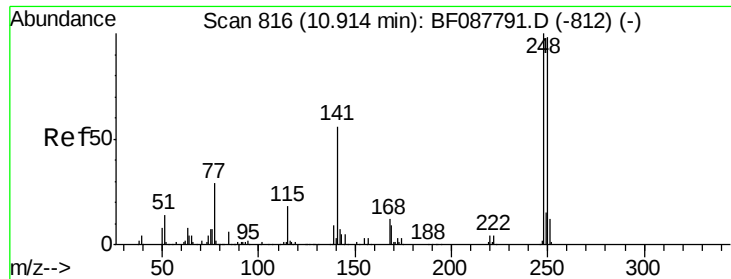


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

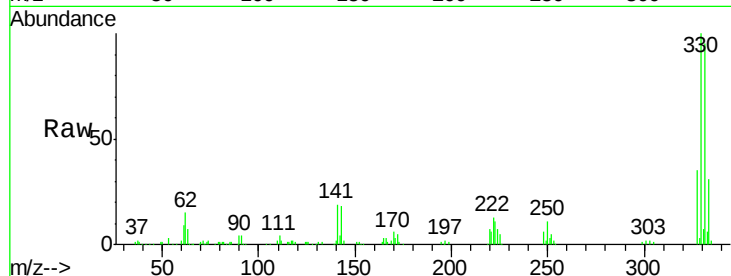




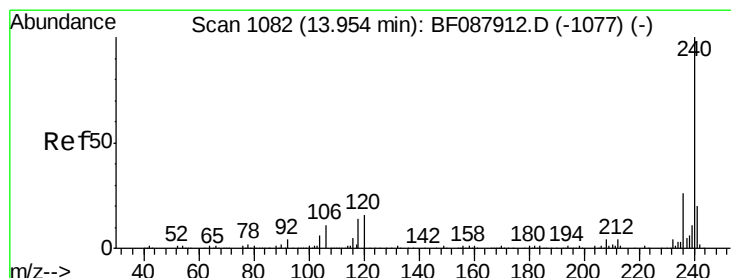
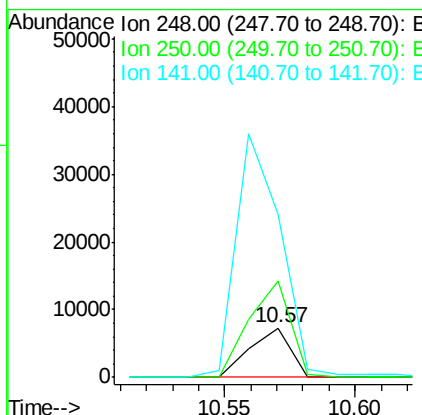
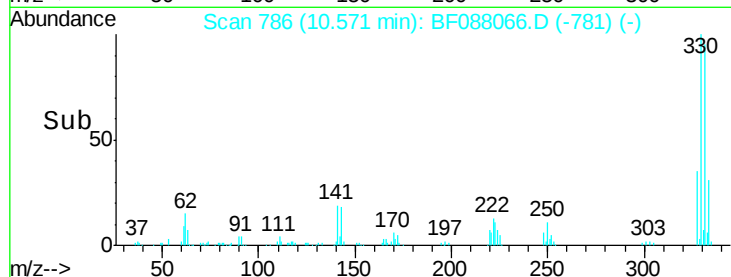
#66
 4-Bromophenyl-phenylether
 Concen: 2.72 ng
 RT: 10.57 min Scan# 786
 Delta R.T. -0.24 min
 Lab File: BF088066.D
 Acq: 16 Jun 2016 6:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-18-COMP

Tgt Ion	Ratio	Lower	Upper
248	100		
250	195.1	77.1	115.7#
141	331.5	50.6	76.0#

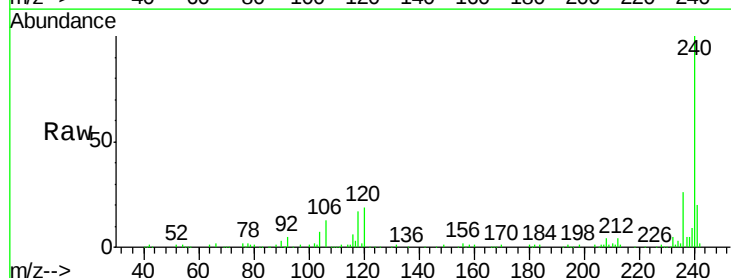


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

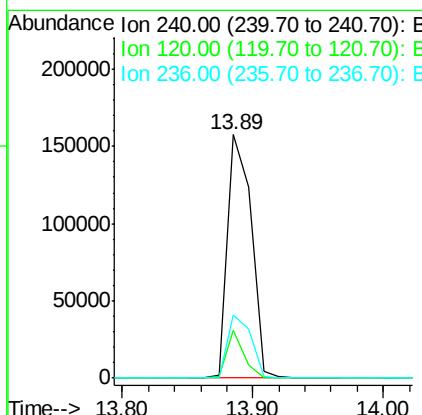
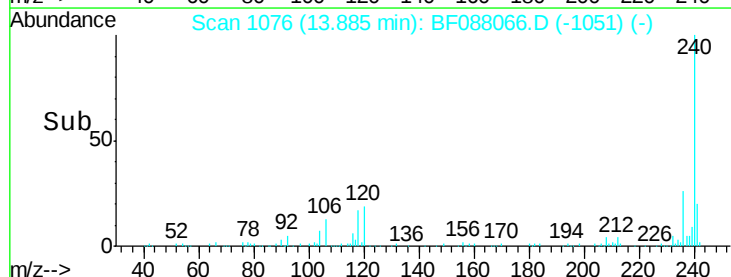


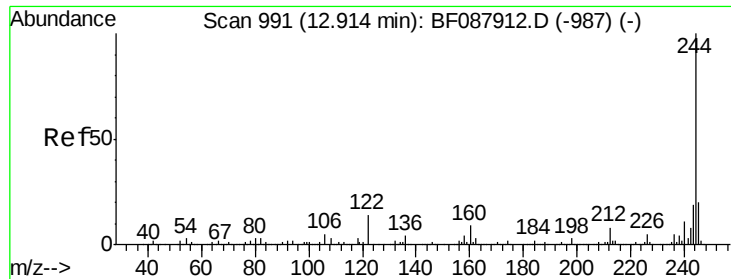
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. -0.01 min
 Lab File: BF088066.D
 Acq: 16 Jun 2016 6:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	19.4	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

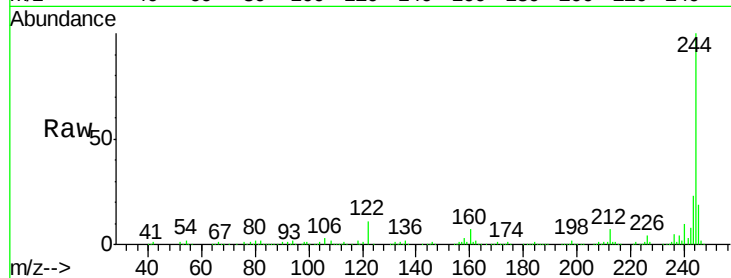




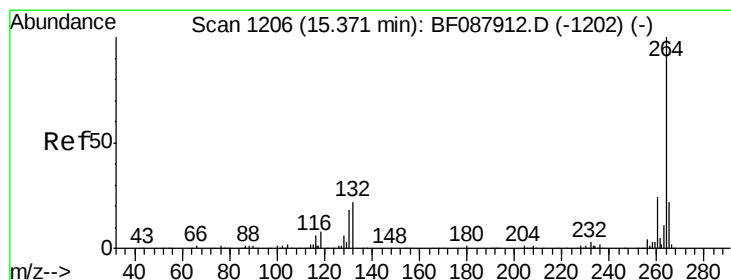
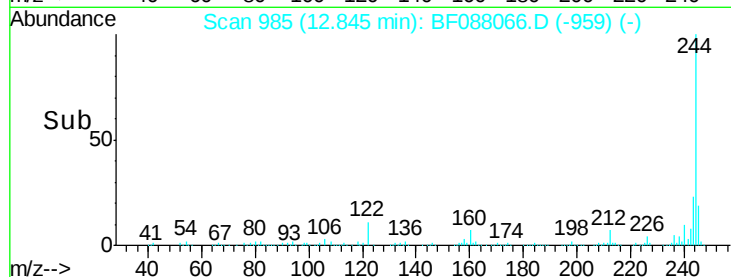
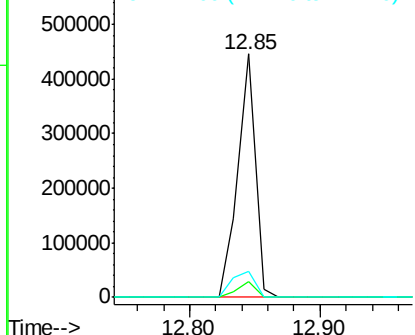
#78
 Terphenyl-d14
 Concen: 47.66 ng
 RT: 12.85 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF088066.D
 Acq: 16 Jun 2016 6:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-18-COMP

Tgt Ion:244 Resp: 417117
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 10.7 11.2 16.8#

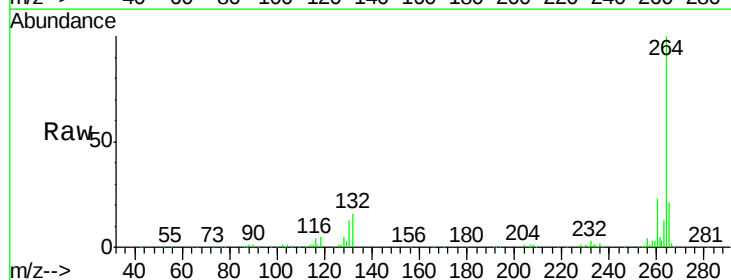


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF088066.D
 Acq: 16 Jun 2016 6:53

Tgt Ion:264 Resp: 206306
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.3 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

