

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
 Data File : BF087198.D
 Acq On : 19 May 2016 20:36
 Operator : UM/SJ
 Sample : H3144-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 4-AB-AC(0-2)

Quant Time: May 20 02:34:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

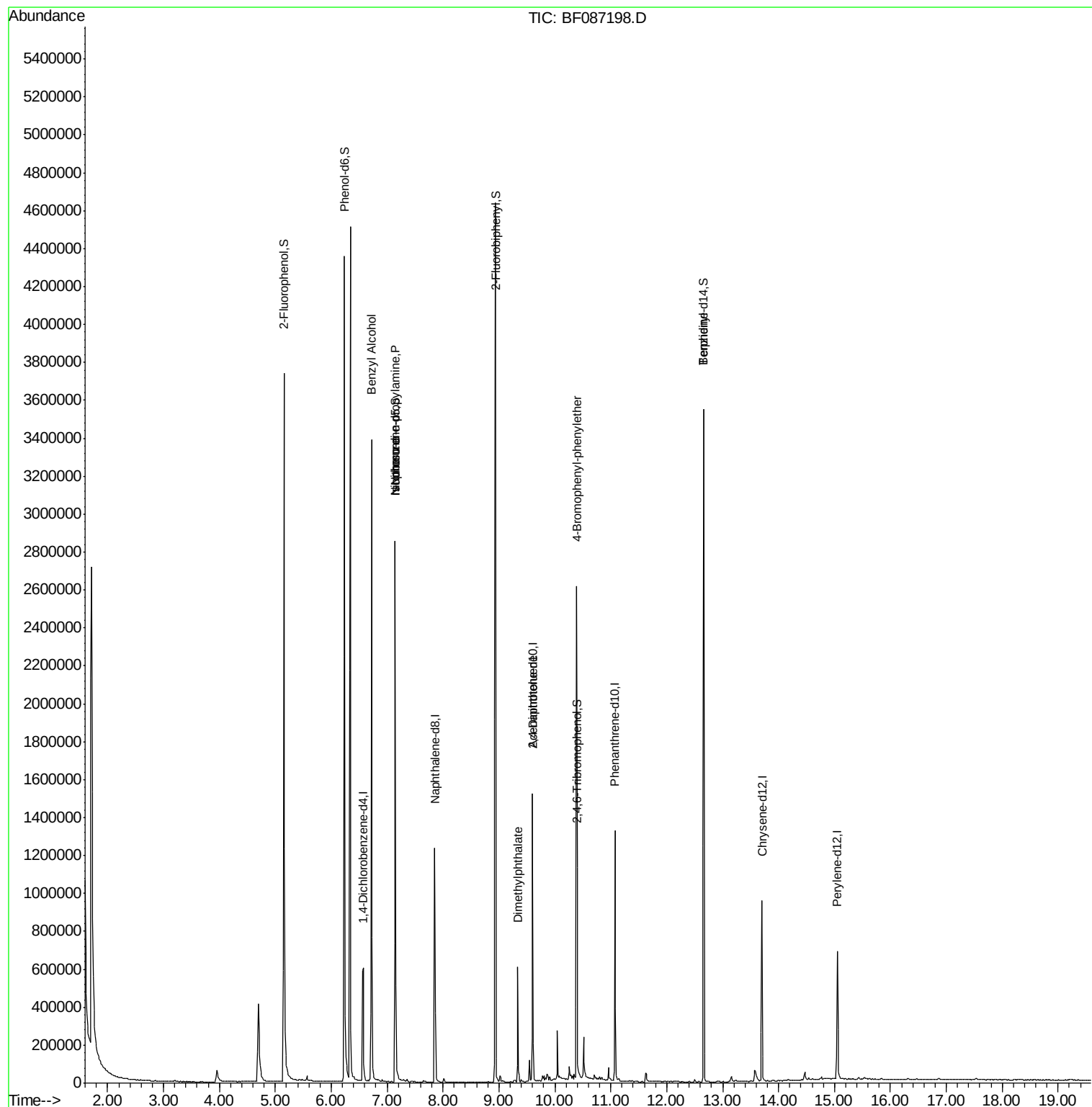
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	130038	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	548920	20.00	ng	-0.05
38) Acenaphthene-d10	9.60	164	269876	20.00	ng	-0.05
63) Phenanthrene-d10	11.07	188	476367	20.00	ng	-0.05
75) Chrysene-d12	13.70	240	333546	20.00	ng	-0.06
86) Perylene-d12	15.05	264	274873	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	1043699	134.91	ng	-0.05
7) Phenol-d6	6.24	99	1519522	146.44	ng	-0.05
23) Nitrobenzene-d5	7.14	82	930880	84.52	ng	-0.05
41) 2,4,6-Tribromophenol	10.40	330	356038	119.39	ng	-0.05
44) 2-Fluorobiphenyl	8.94	172	1460008	89.60	ng	-0.05
78) Terphenyl-d14	12.66	244	1058372	71.78	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	6.72	79	15495	2.01	ng	# 42
19) n-Nitroso-di-n-propylamine	7.14	70	133516	16.93	ng	# 73
25) Isophorone	7.14	82	770063	38.19	ng	# 68
49) Dimethylphthalate	9.34	163	213286	10.36	ng	100
56) 2,4-Dinitrotoluene	9.60	165	34395	6.01	ng	# 16
66) 4-Bromophenyl-phenylether	10.39	248	19592	4.00	ng	# 1
76) Benizidine	12.66	184	16964	2.31	ng	# 94

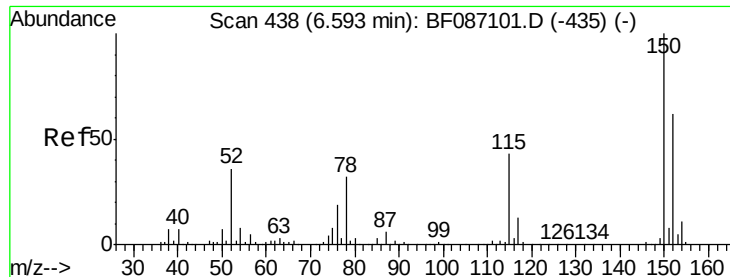
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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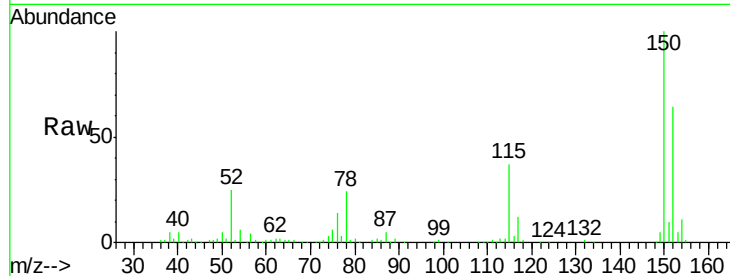


#1

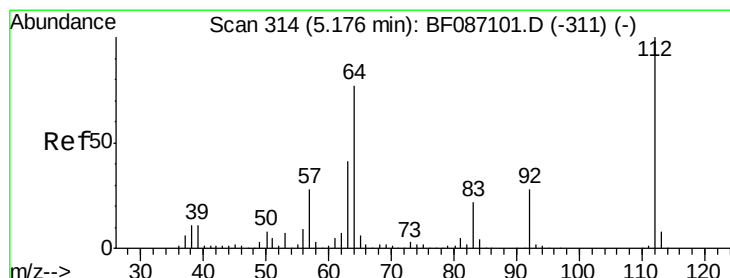
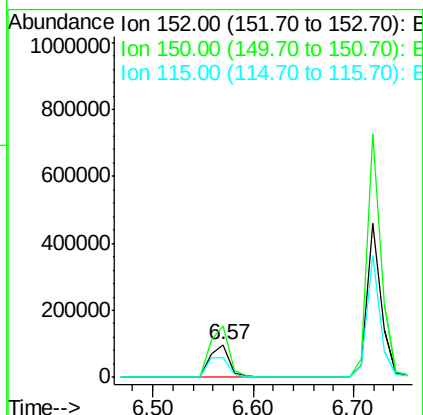
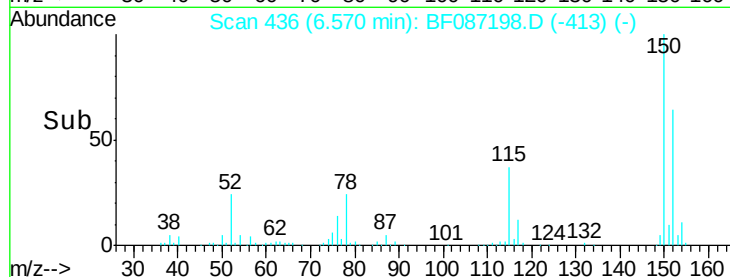
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.57 min Scan# 436
Delta R.T. -0.03 min
Lab File: BF087198.D
Acq: 19 May 2016 20:36

Instrument :
BNA_F
ClientSampleId :
4-AB-AC(0-2)

Tgt Ion:152 Resp: 130038
Ion Ratio Lower Upper
152 100
150 156.2 125.8 188.6
115 57.9 51.5 77.3



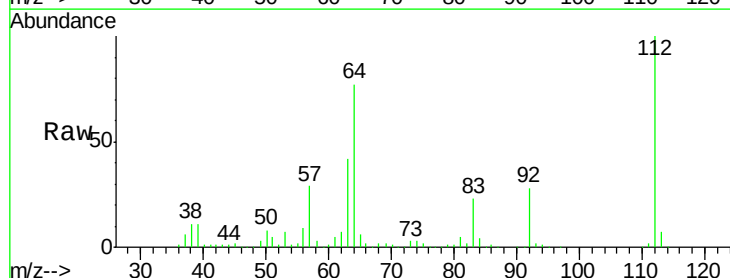
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



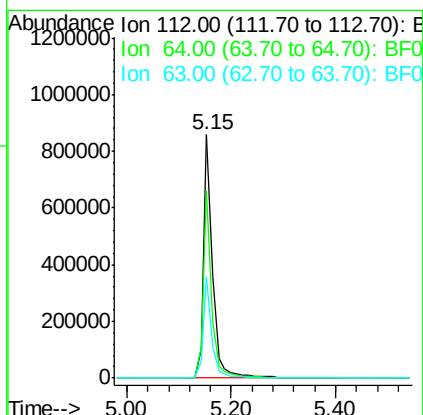
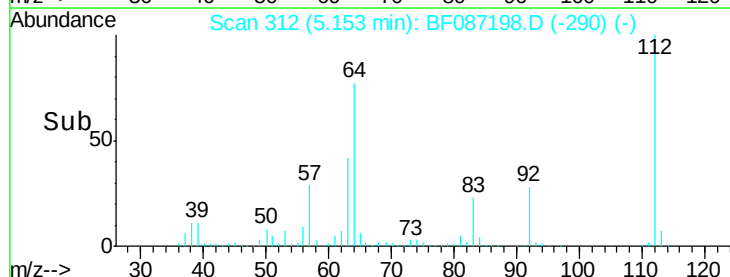
#5

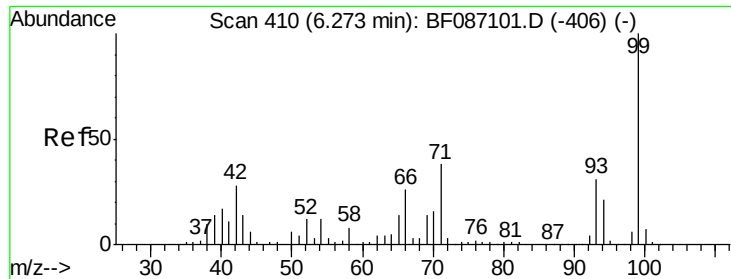
2-Fluorophenol
Concen: 134.91 ng
RT: 5.15 min Scan# 312
Delta R.T. -0.05 min
Lab File: BF087198.D
Acq: 19 May 2016 20:36

Tgt Ion:112 Resp: 1043699
Ion Ratio Lower Upper
112 100
64 76.8 52.1 78.1
63 41.9 25.7 38.5#



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: 146.44 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF087198.D

Acq: 19 May 2016 20:36

Instrument :

BNA_F

ClientSampleId :

4-AB-AC(0-2)

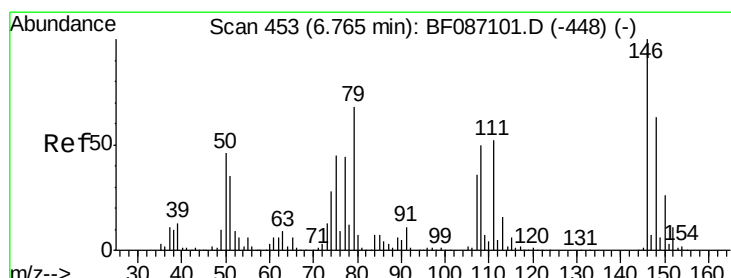
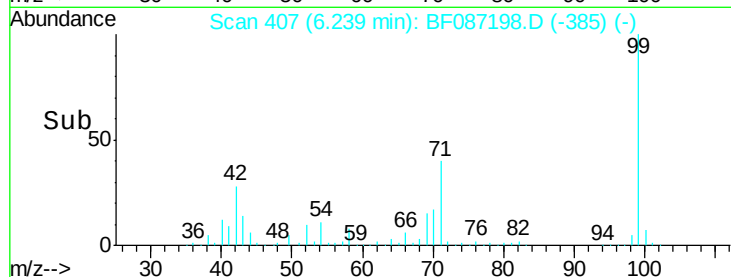
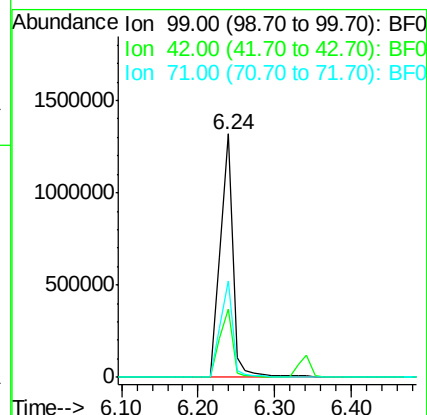
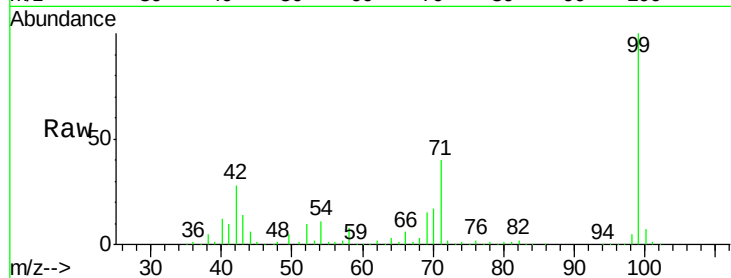
Tgt Ion: 99 Resp: 1519522

Ion Ratio Lower Upper

99 100

42 28.1 13.6 20.4#

71 39.7 24.6 36.8#



#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.06 min

Lab File: BF087198.D

Acq: 19 May 2016 20:36

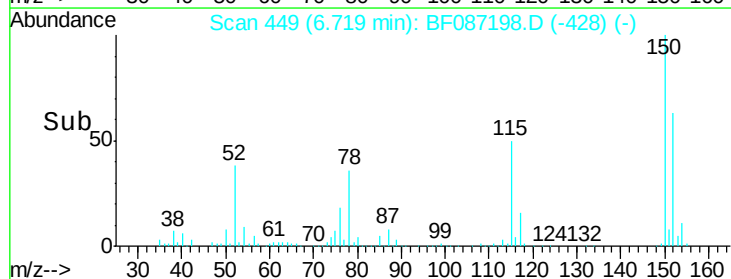
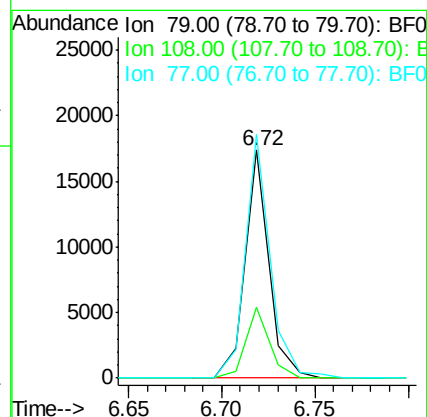
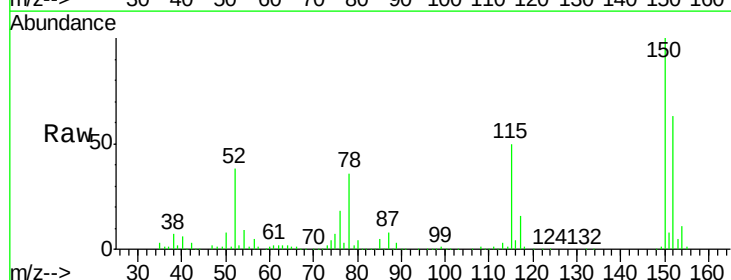
Tgt Ion: 79 Resp: 15495

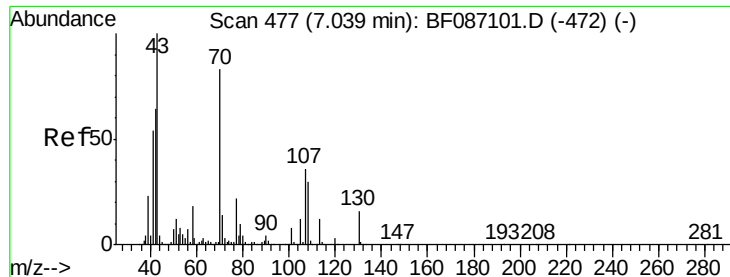
Ion Ratio Lower Upper

79 100

108 31.2 68.4 102.6#

77 106.9 50.6 76.0#

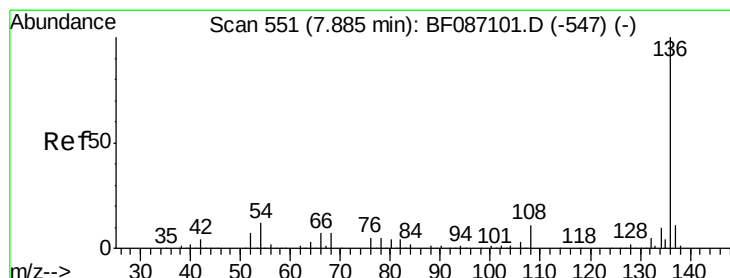
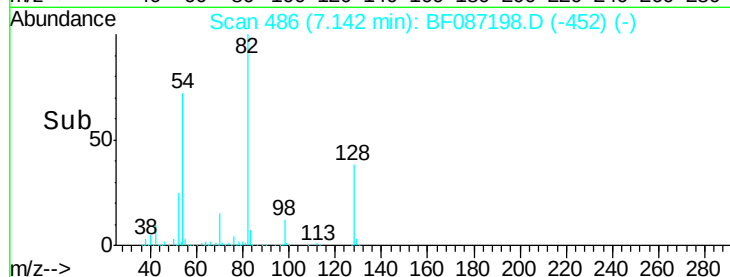
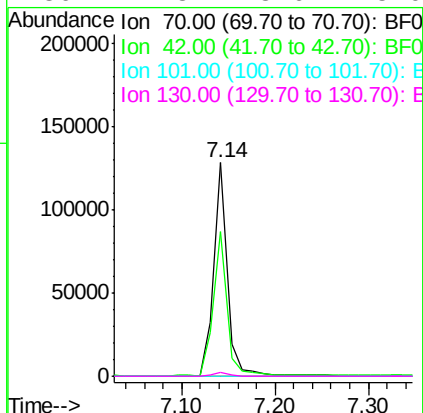
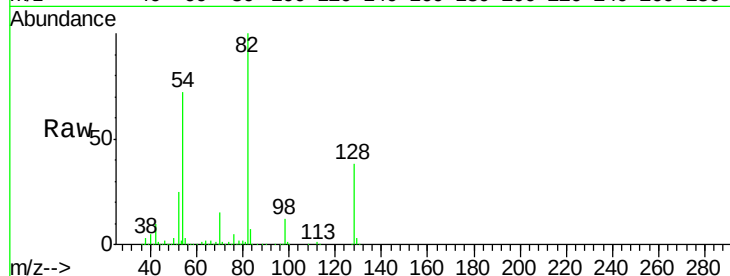




#19
n-Nitroso-di-n-propylamine
Concen: 16.93 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.09 min
Lab File: BF087198.D
Acq: 19 May 2016 20:36

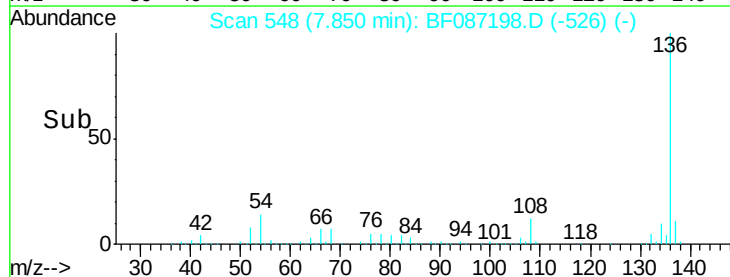
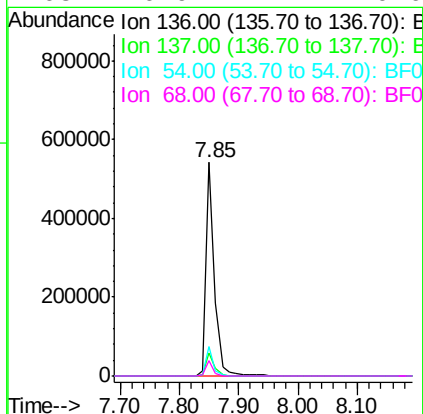
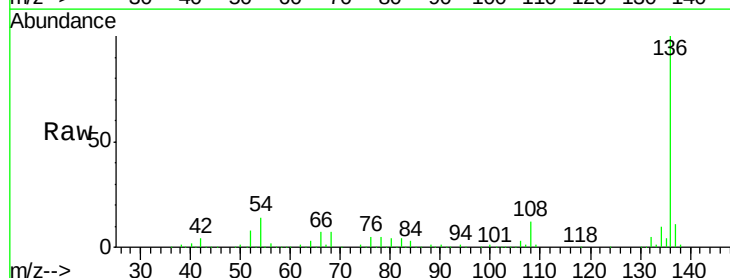
Instrument :
BNA_F
ClientSampleId :
4-AB-AC(0-2)

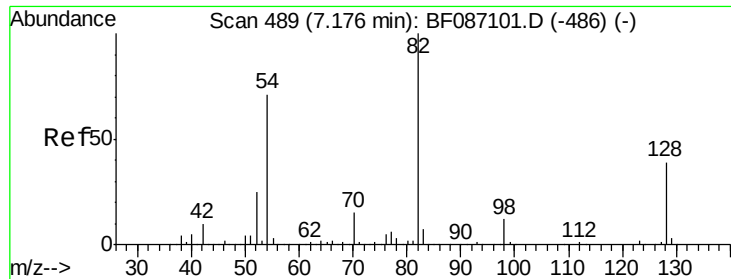
Tgt Ion: 70 Resp: 133516
Ion Ratio Lower Upper
70 100
42 67.8 43.1 64.7#
101 0.0 8.1 12.1#
130 1.8 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.05 min
Lab File: BF087198.D
Acq: 19 May 2016 20:36

Tgt Ion: 136 Resp: 548920
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 13.7 5.0 7.4#
68 6.9 4.4 6.6#

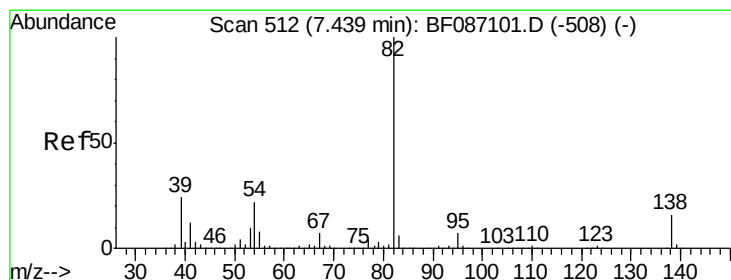
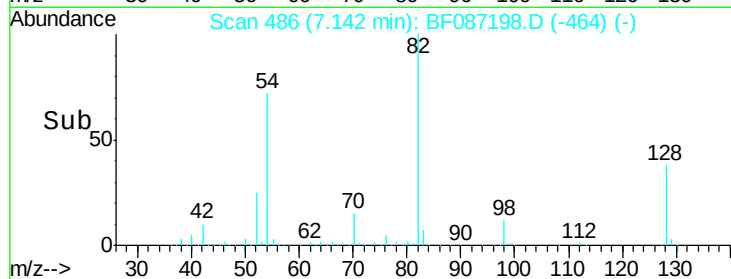
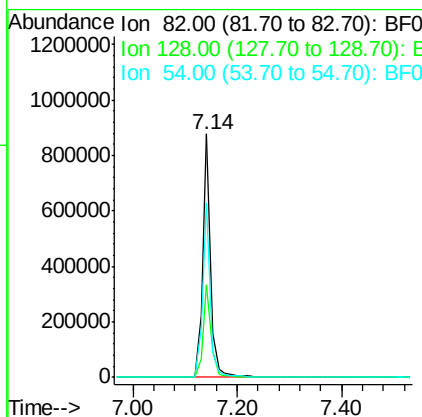
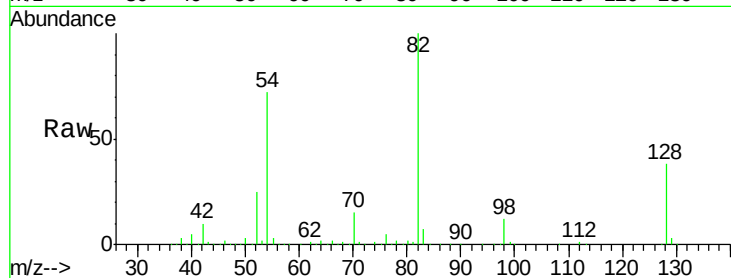




#23
 Nitrobenzene-d5
 Concen: 84.52 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.05 min
 Lab File: BF087198.D
 Acq: 19 May 2016 20:36

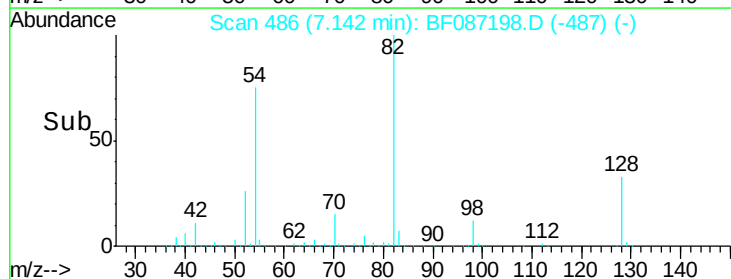
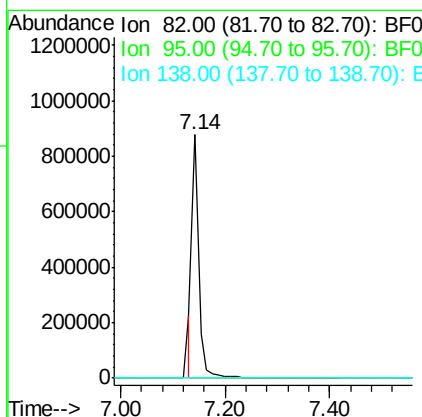
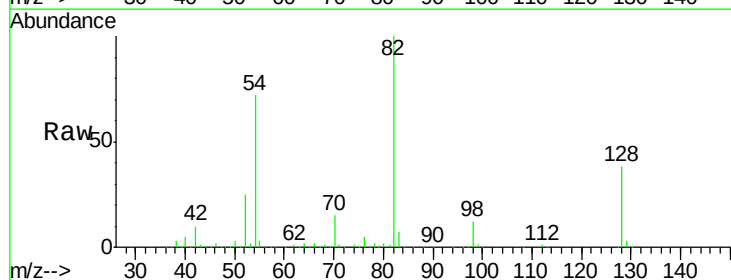
Instrument :
 BNA_F
 ClientSampleId :
 4-AB-AC(0-2)

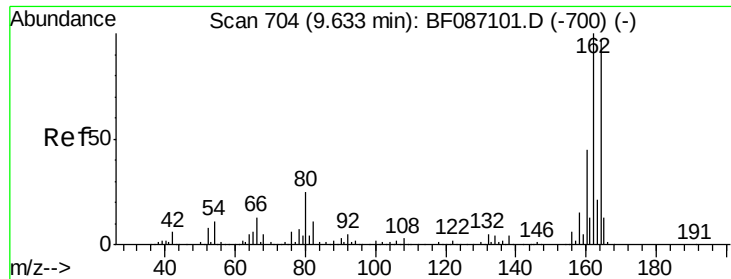
Tgt Ion: 82 Resp: 930880
 Ion Ratio Lower Upper
 82 100
 128 38.1 40.6 61.0#
 54 71.6 38.1 57.1#



#25
 Isophorone
 Concen: 38.19 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.31 min
 Lab File: BF087198.D
 Acq: 19 May 2016 20:36

Tgt Ion: 82 Resp: 770063
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.1 7.7#
 138 0.0 12.4 18.6#

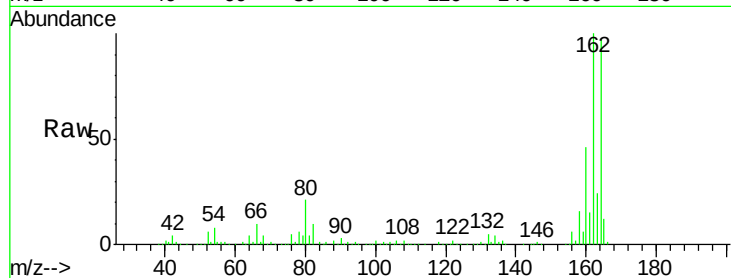




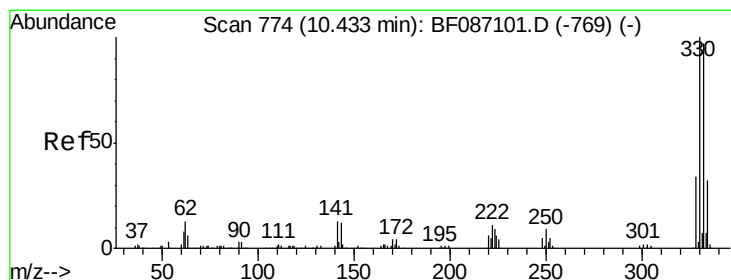
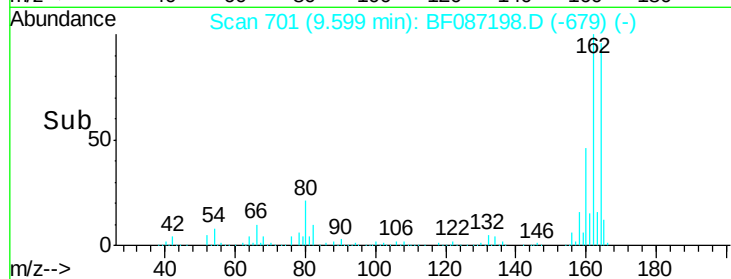
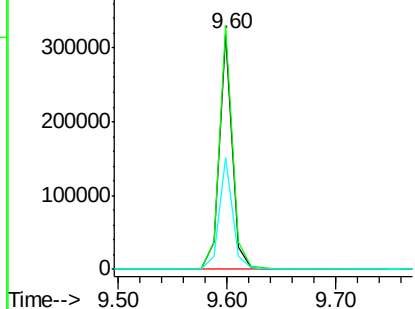
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 701
 Delta R.T. -0.05 min
 Lab File: BF087198.D
 Acq: 19 May 2016 20:36

Instrument :
 BNA_F
 ClientSampleId :
 4-AB-AC(0-2)

Tgt Ion:164 Resp: 269876
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.8 124.2
 160 47.6 36.9 55.3

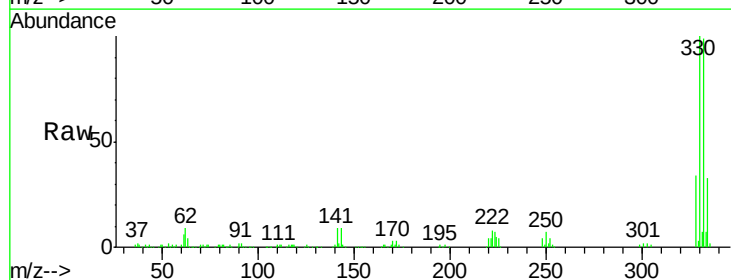


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

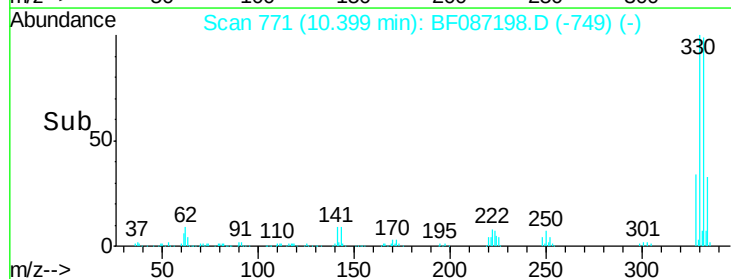
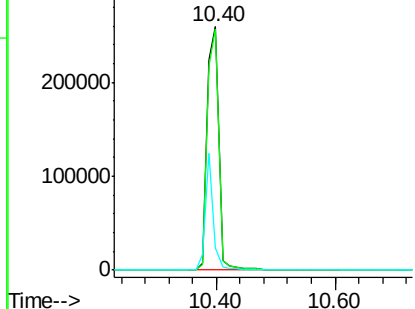


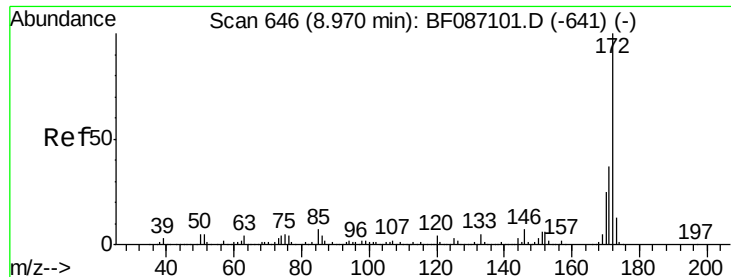
#41
 2,4,6-Tribromophenol
 Concen: 119.39 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.05 min
 Lab File: BF087198.D
 Acq: 19 May 2016 20:36

Tgt Ion:330 Resp: 356038
 Ion Ratio Lower Upper
 330 100
 332 97.7 79.0 118.4
 141 33.6 31.2 46.8



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: 89.60 ng

RT: 8.94 min Scan# 643

Delta R.T. -0.05 min

Lab File: BF087198.D

Acq: 19 May 2016 20:36

Instrument :

BNA_F

ClientSampleId :

4-AB-AC(0-2)

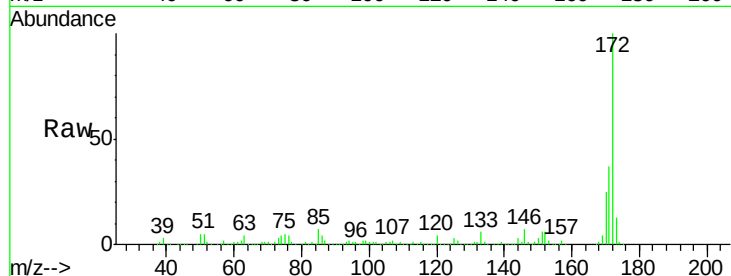
Tgt Ion:172 Resp: 1460008

Ion Ratio Lower Upper

172 100

171 36.7 29.0 43.6

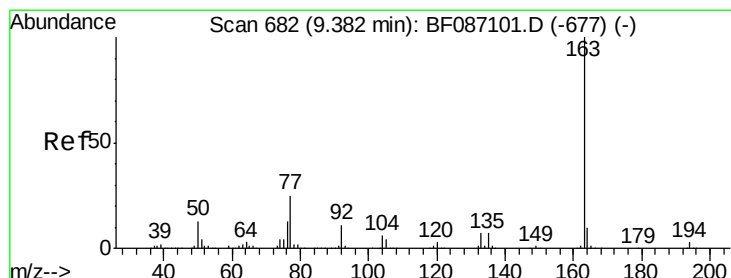
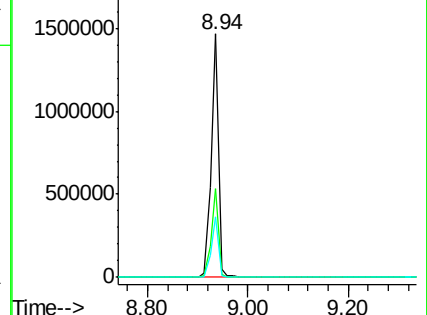
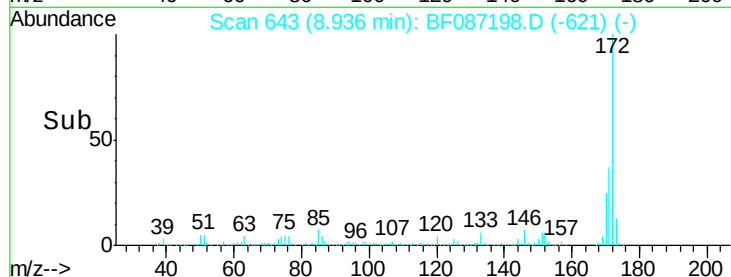
170 25.0 19.8 29.8



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: 10.36 ng

RT: 9.34 min Scan# 678

Delta R.T. -0.06 min

Lab File: BF087198.D

Acq: 19 May 2016 20:36

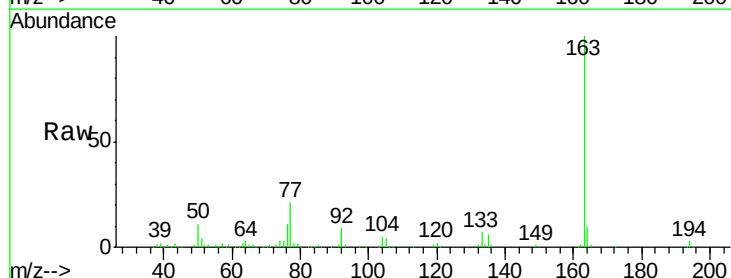
Tgt Ion:163 Resp: 213286

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

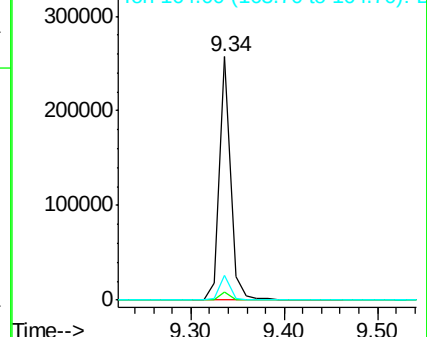
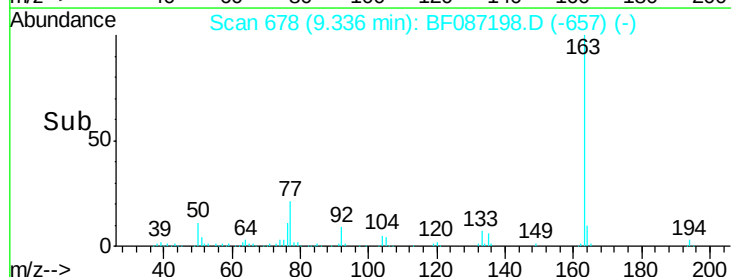
164 10.2 8.2 12.4

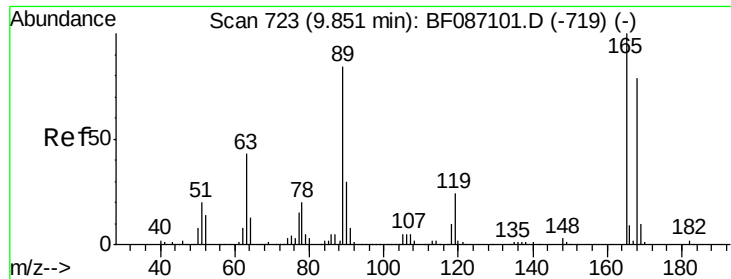


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#56

2,4-Dinitrotoluene

Concen: 6.01 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.26 min

Lab File: BF087198.D

Acq: 19 May 2016 20:36

Instrument :

BNA_F

ClientSampleId :

4-AB-AC(0-2)

Tgt Ion:165 Resp: 34395

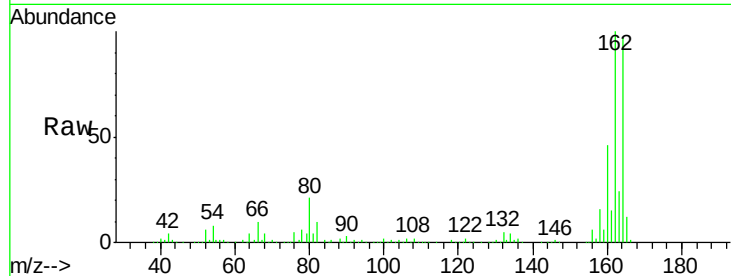
Ion Ratio Lower Upper

165 100

63 1.9 44.3 66.5#

89 1.9 70.0 105.0#

182 0.0 1.8 2.6#

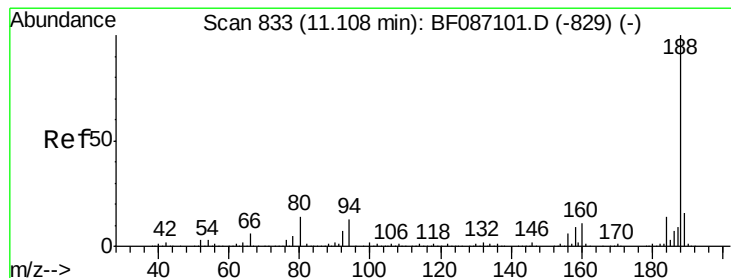
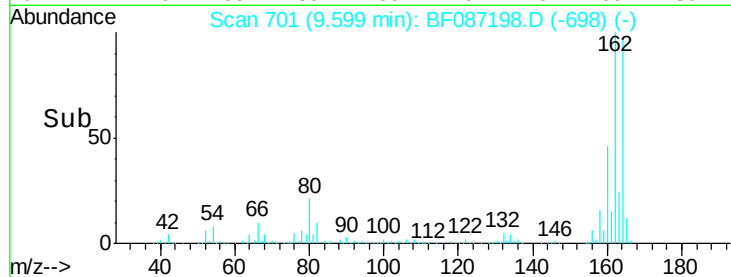
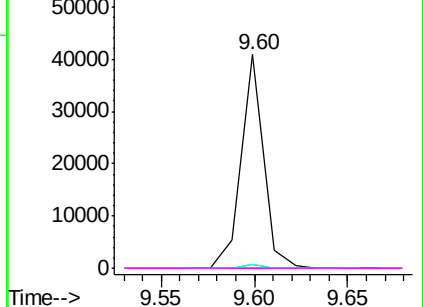


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.07 min Scan# 830

Delta R.T. -0.05 min

Lab File: BF087198.D

Acq: 19 May 2016 20:36

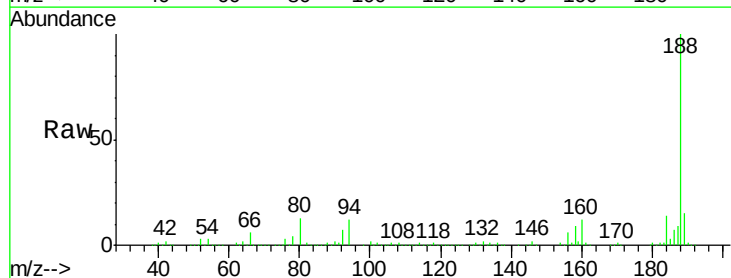
Tgt Ion:188 Resp: 476367

Ion Ratio Lower Upper

188 100

94 11.7 6.8 10.2#

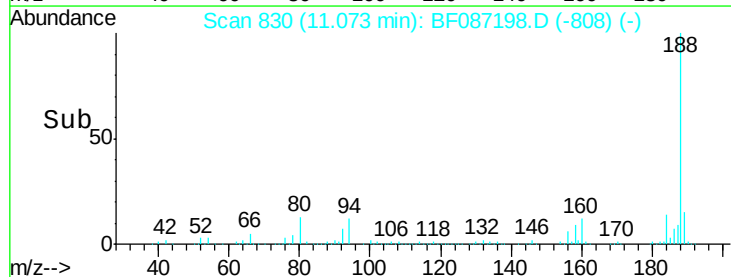
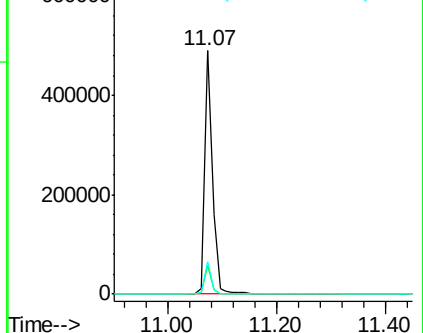
80 13.2 7.1 10.7#

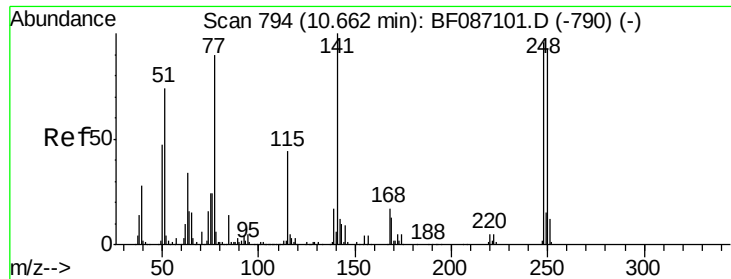


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.00 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.29 min

Lab File: BF087198.D

Acq: 19 May 2016 20:36

Instrument :

BNA_F

ClientSampleId :

4-AB-AC(0-2)

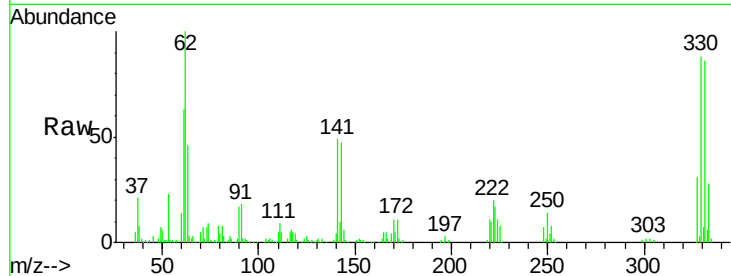
Tgt Ion:248 Resp: 19592

Ion Ratio Lower Upper

248 100

250 209.5 78.6 117.8#

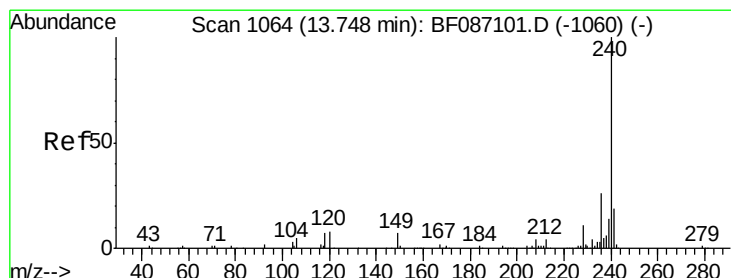
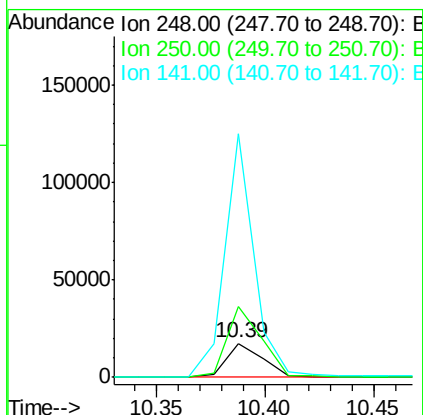
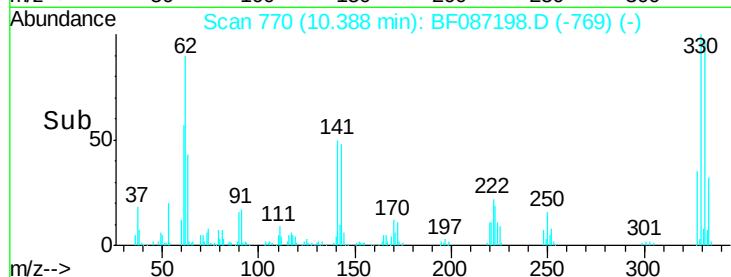
141 720.2 76.0 114.0#



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: 13.70 min Scan# 1060

Delta R.T. -0.06 min

Lab File: BF087198.D

Acq: 19 May 2016 20:36

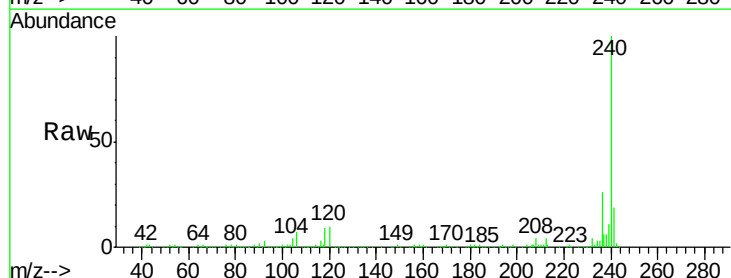
Tgt Ion:240 Resp: 333546

Ion Ratio Lower Upper

240 100

120 10.4 11.2 16.8#

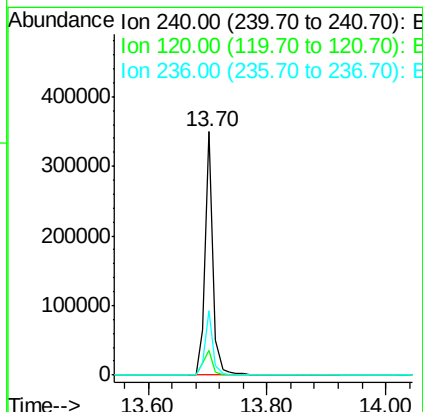
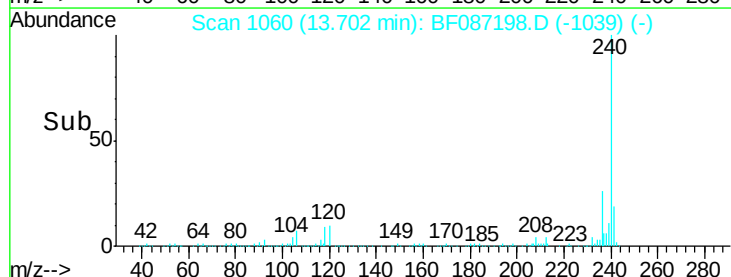
236 26.4 21.2 31.8

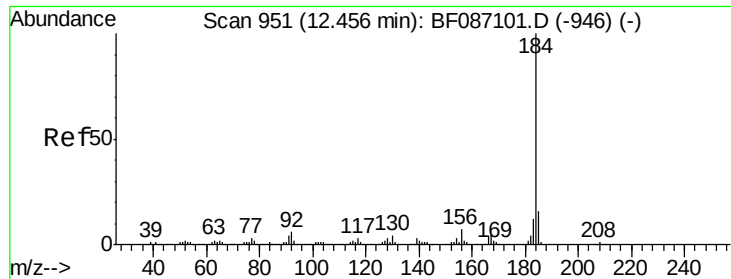


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 2.31 ng

RT: 12.66 min Scan# 969

Delta R.T. 0.20 min

Lab File: BF087198.D

Acq: 19 May 2016 20:36

Instrument :

BNA_F

ClientSampleId :

4-AB-AC(0-2)

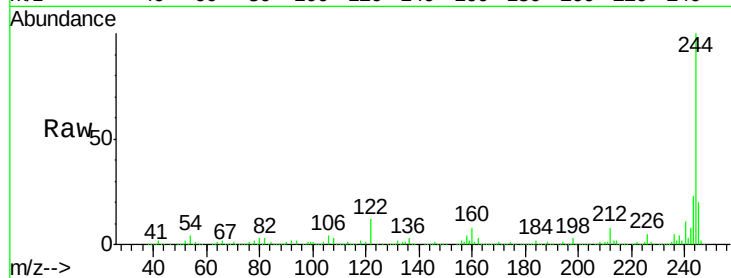
Tgt Ion:184 Resp: 16964

Ion Ratio Lower Upper

184 100

185 18.5 13.6 20.4

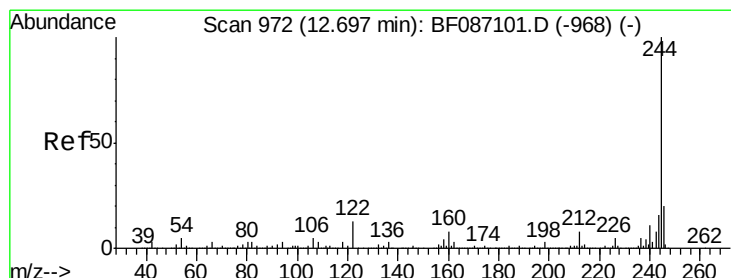
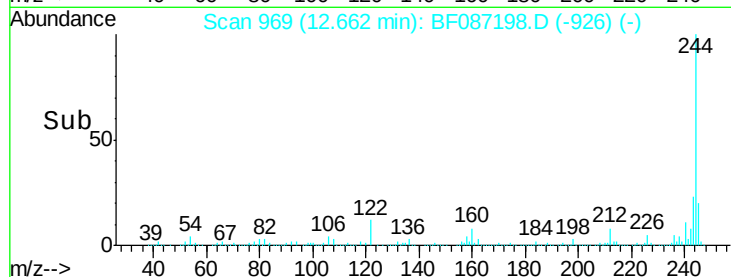
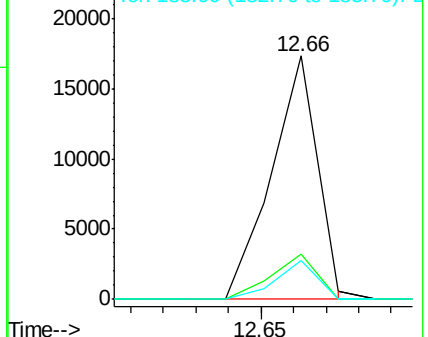
183 16.0 9.8 14.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 71.78 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.05 min

Lab File: BF087198.D

Acq: 19 May 2016 20:36

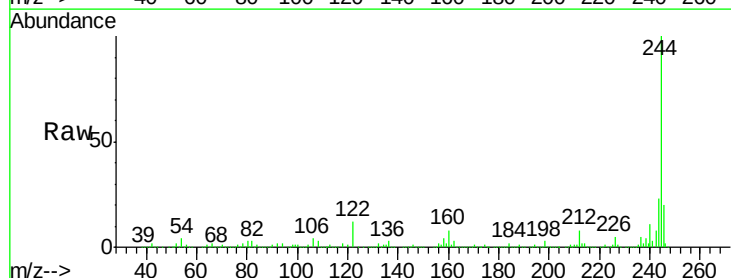
Tgt Ion:244 Resp: 1058372

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

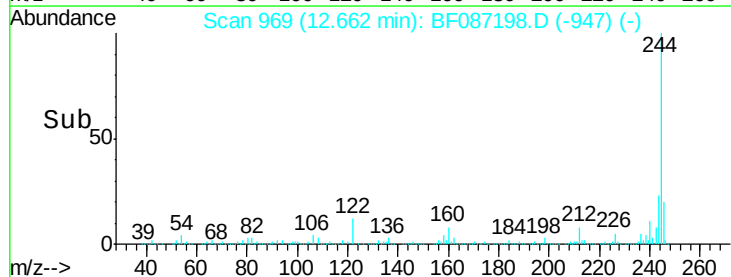
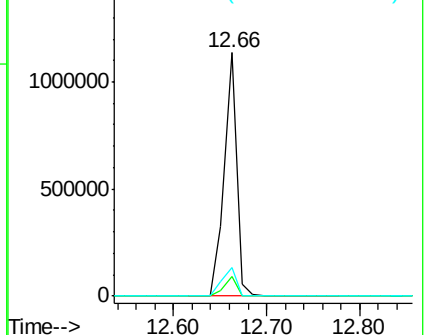
122 11.6 12.0 18.0#

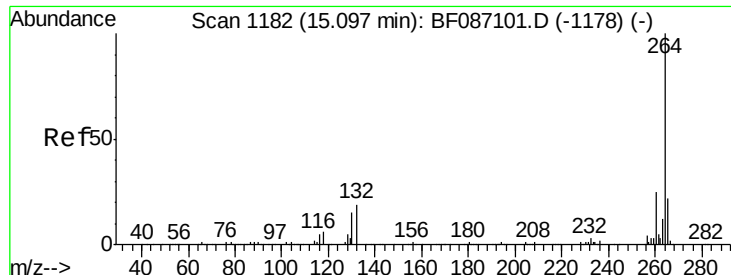


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.05 min Scan# 1178
Delta R.T. -0.06 min
Lab File: BF087198.D
Acq: 19 May 2016 20:36

Instrument :
BNA_F
ClientSampleId :
4-AB-AC(0-2)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.9	17.3	25.9

