

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098802.D
 Acq On : 26 Sep 2017 00:24
 Operator : SJ/JU
 Sample : I5361-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 05:22:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

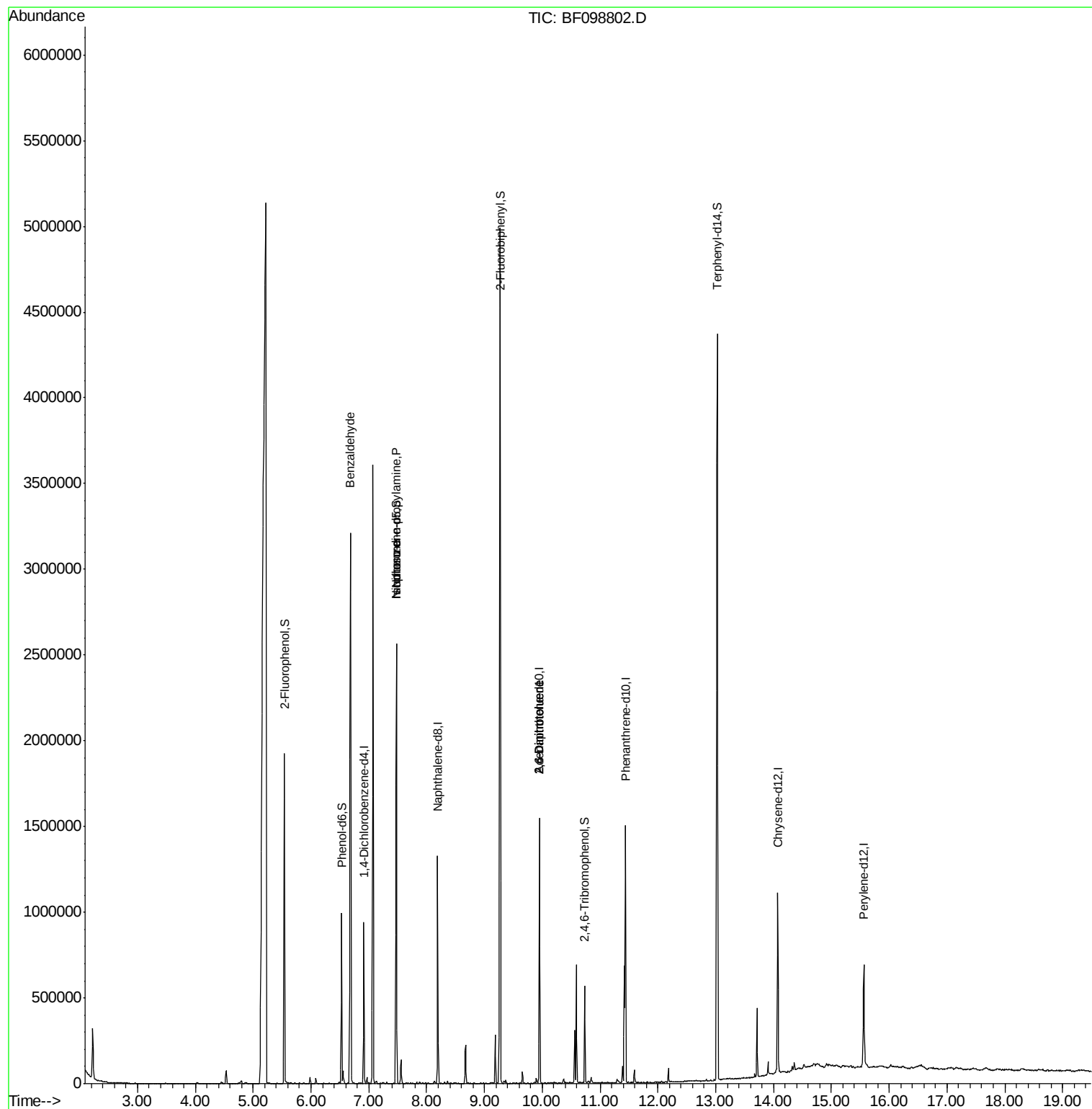
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	141153	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	599240	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	276788	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	489511	20.00	ng	0.00
75) Chrysene-d12	14.07	240	299297	20.00	ng	-0.01
86) Perylene-d12	15.56	264	256605	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	540918	61.00	ng	0.00
7) Phenol-d6	6.53	99	276579	25.29	ng	-0.02
23) Nitrobenzene-d5	7.47	82	989066	105.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	50480	22.29	ng	-0.02
44) 2-Fluorobiphenyl	9.27	172	1783723	107.58	ng	0.00
78) Terphenyl-d14	13.03	244	1551216	117.87	ng	0.00
Target Compounds						
9) Benzaldehyde	6.68	77	19872	3.132	ng	# 80
19) n-Nitroso-di-n-propylamine	7.47	70	129101	18.486	ng	# 77
25) Isophorone	7.47	82	988866	51.186	ng	# 65
50) 2,6-Dinitrotoluene	9.95	165	35447	7.794	ng	# 26
56) 2,4-Dinitrotoluene	9.95	165	35447	6.005	ng	# 23

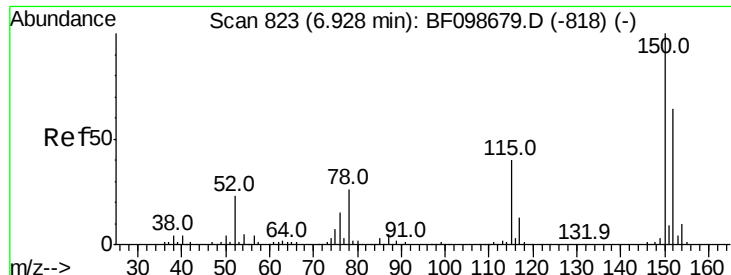
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
Data File : BF098802.D
Acq On : 26 Sep 2017 00:24
Operator : SJ/JU
Sample : I5361-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 26 05:22:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration



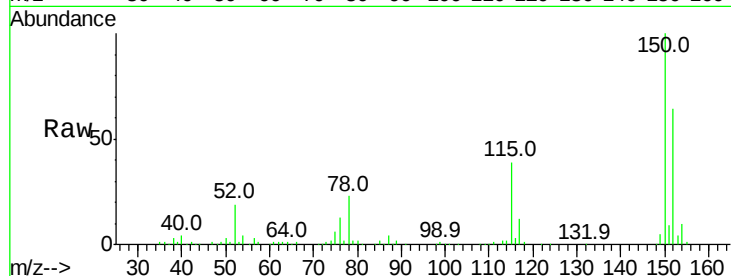


#1

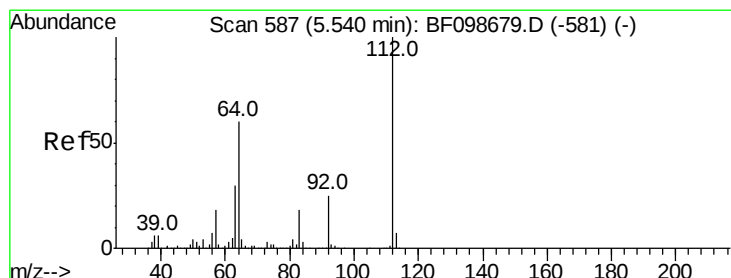
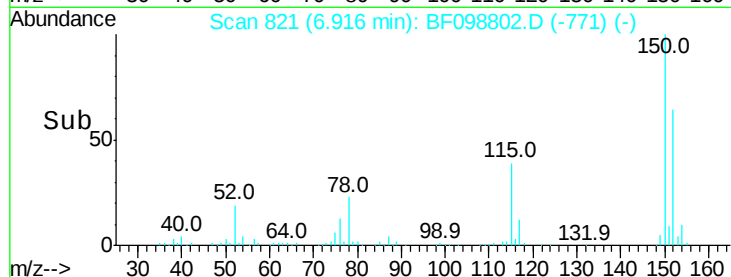
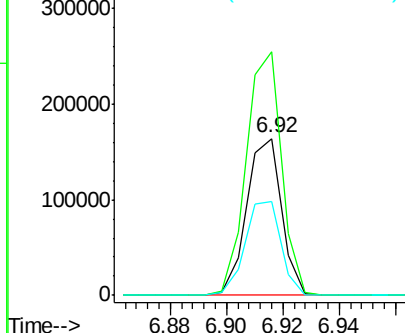
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098802.D
Acq: 26 Sep 2017 00:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 141153
Ion Ratio Lower Upper
152 100
150 155.3 124.6 186.8
115 60.1 50.1 75.1



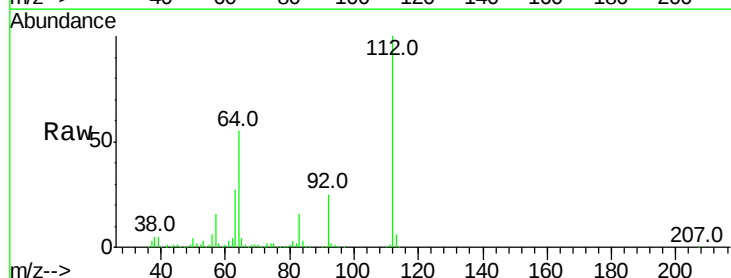
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



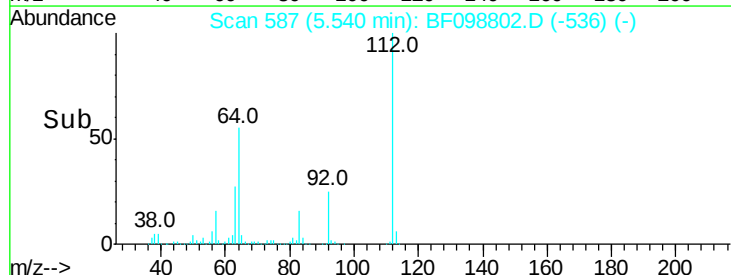
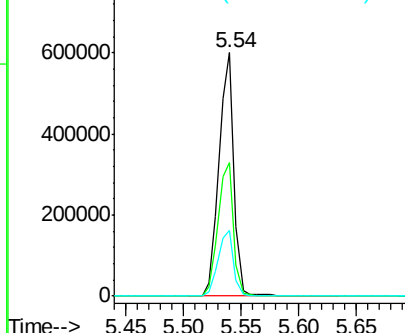
#5

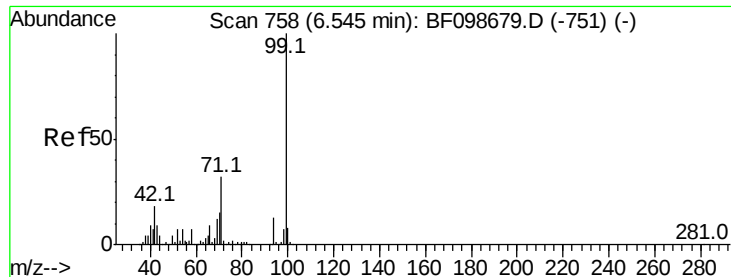
2-Fluorophenol
Concen: 61.004 ng
RT: 5.54 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF098802.D
Acq: 26 Sep 2017 00:24

Tgt Ion:112 Resp: 540918
Ion Ratio Lower Upper
112 100
64 54.6 47.9 71.9
63 27.1 23.7 35.5



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: 25.285 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098802.D

Acq: 26 Sep 2017 00:24

Instrument :

BNA_F

ClientSampleId :

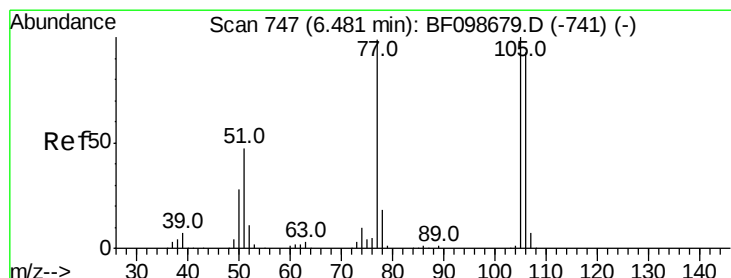
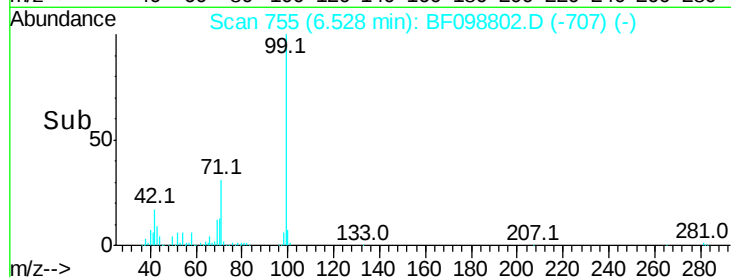
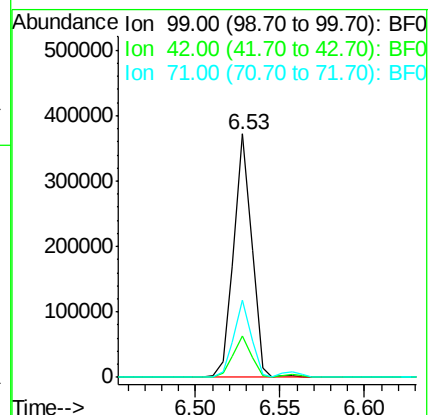
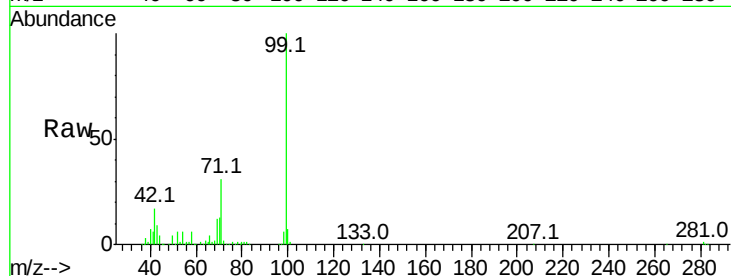
Tot Ion: 99 Resp: 276579

Ion Ratio Lower Upper

99 100

42 16.9 14.5 21.7

71 31.5 25.4 38.0



#9

Benzaldehyde

Concen: 3.132 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.21 min

Lab File: BF098802.D

Acq: 26 Sep 2017 00:24

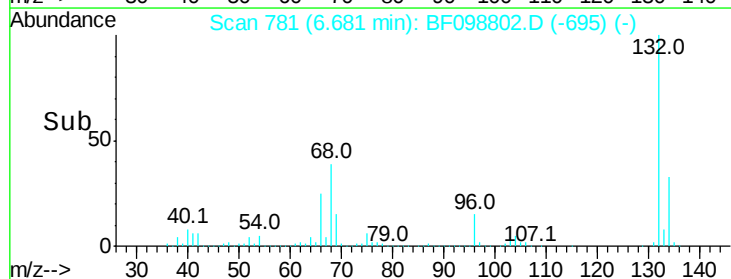
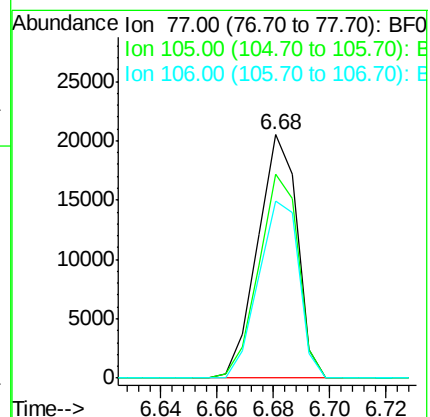
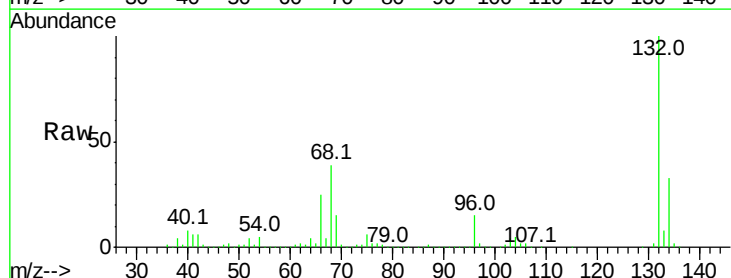
Tgt Ion: 77 Resp: 19872

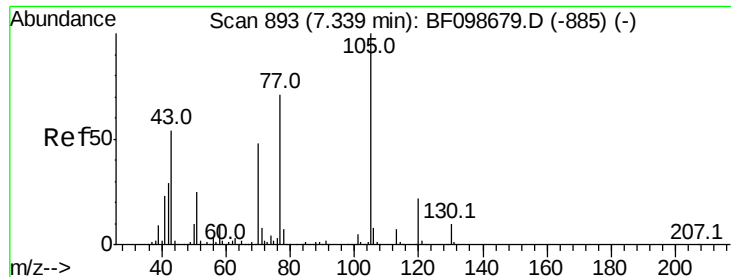
Ion Ratio Lower Upper

77 100

105 83.9 81.1 121.1

106 72.8 74.5 114.5#

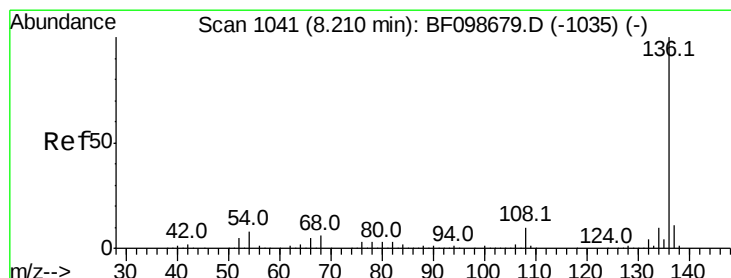
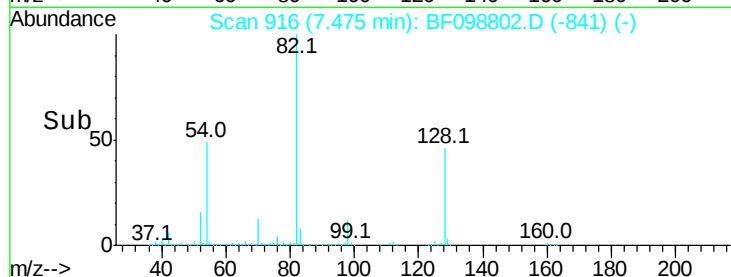
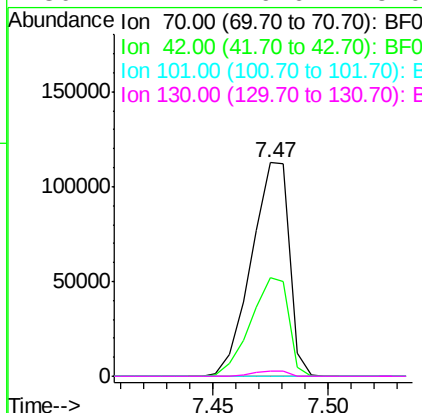
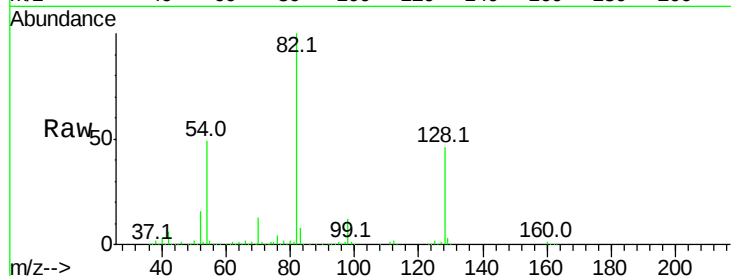




#19
n-Nitroso-di-n-propylamine
Concen: 18.486 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF098802.D
Acq: 26 Sep 2017 00:24

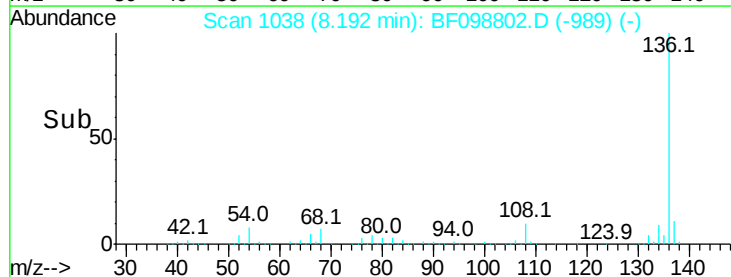
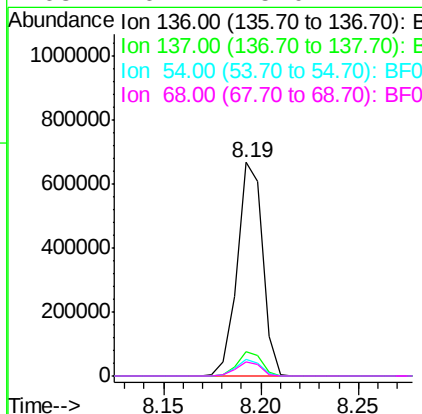
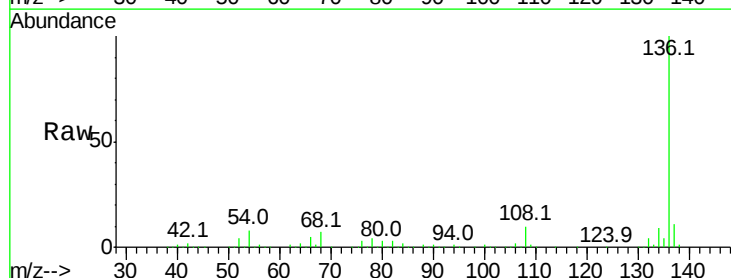
Instrument :
BNA_F
ClientSampleId :

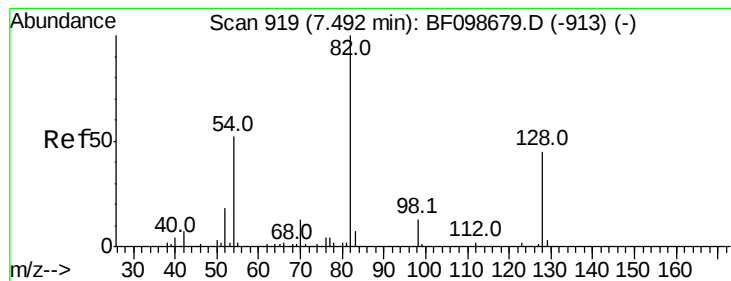
Tot Ion: 70 Resp: 129101
Ion Ratio Lower Upper
70 100
42 46.1 47.5 71.3#
101 0.0 7.4 11.2#
130 2.7 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF098802.D
Acq: 26 Sep 2017 00:24

Tgt Ion: 136 Resp: 599240
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.8 6.6 9.8
68 6.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 105.849 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF098802.D

Acq: 26 Sep 2017 00:24

Instrument :

BNA_F

ClientSampleId :

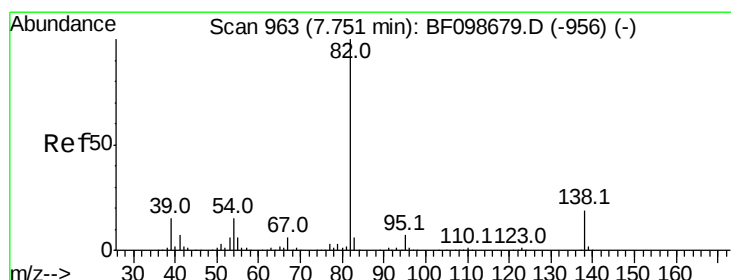
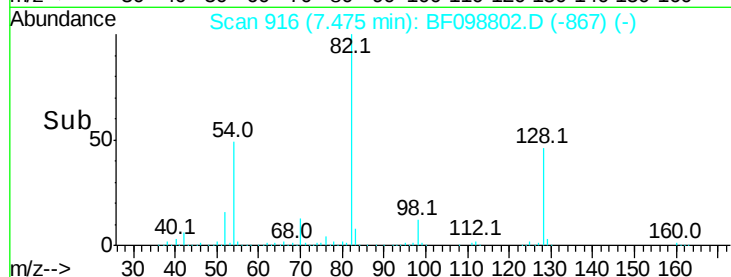
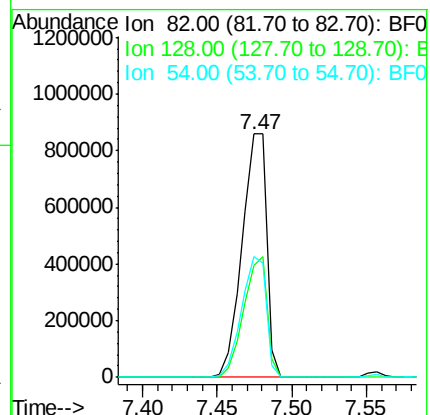
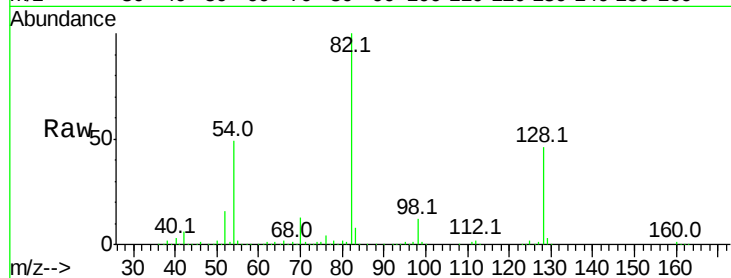
Tot Ion: 82 Resp: 989066

Ion Ratio Lower Upper

82 100

128 46.1 36.1 54.1

54 49.4 41.4 62.2



#25

Isophorone

Concen: 51.186 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.27 min

Lab File: BF098802.D

Acq: 26 Sep 2017 00:24

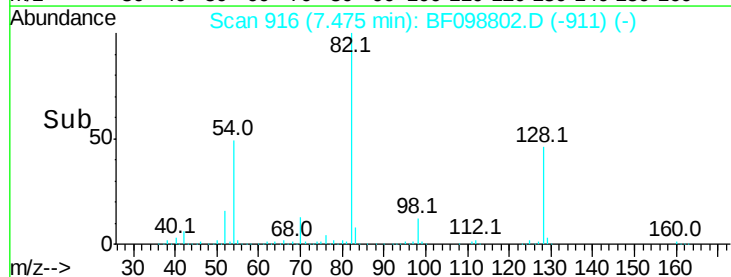
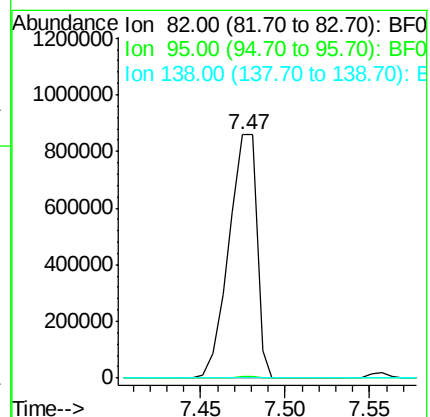
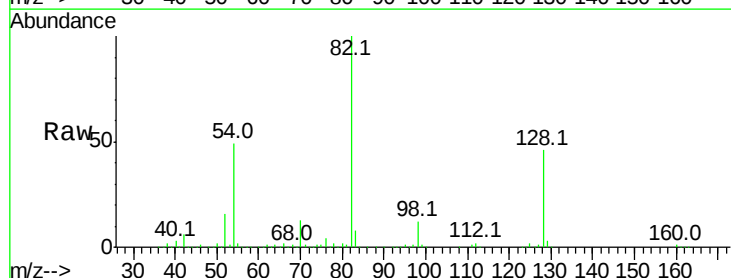
Tgt Ion: 82 Resp: 988866

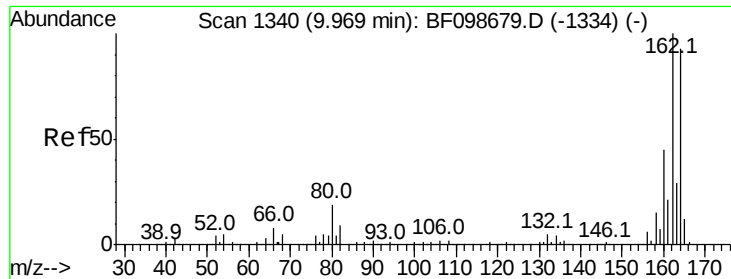
Ion Ratio Lower Upper

82 100

95 0.9 5.2 7.8#

138 0.0 14.9 22.3#

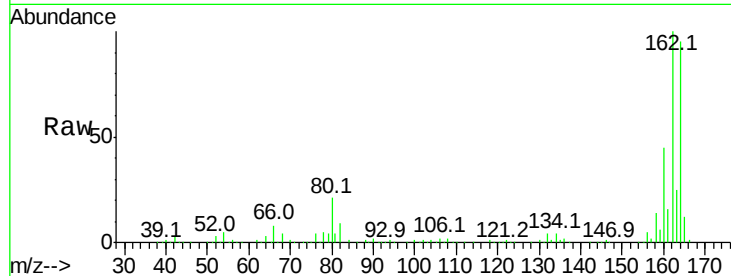




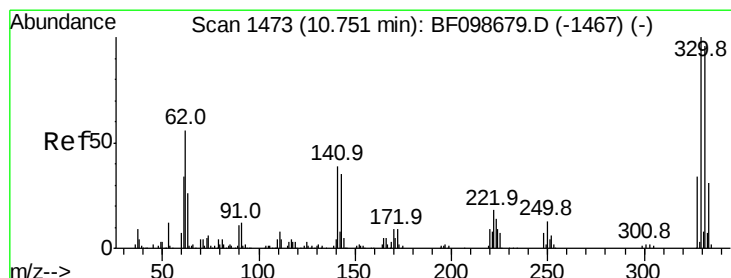
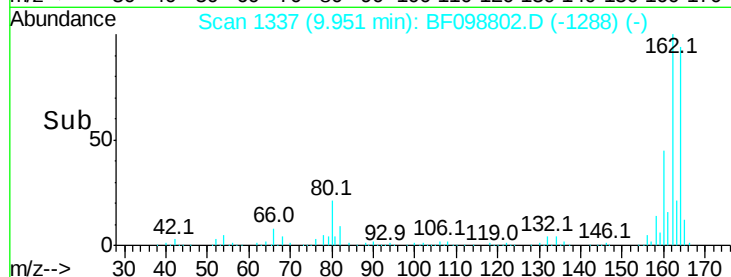
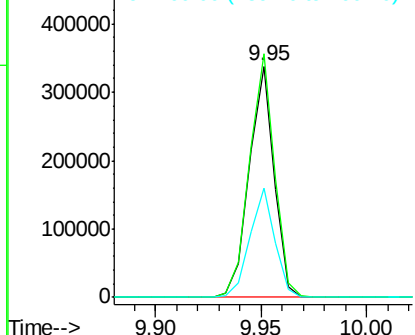
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098802.D
Acq: 26 Sep 2017 00:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 276788
Ion Ratio Lower Upper
164 100
162 105.4 86.1 129.1
160 47.1 38.3 57.5

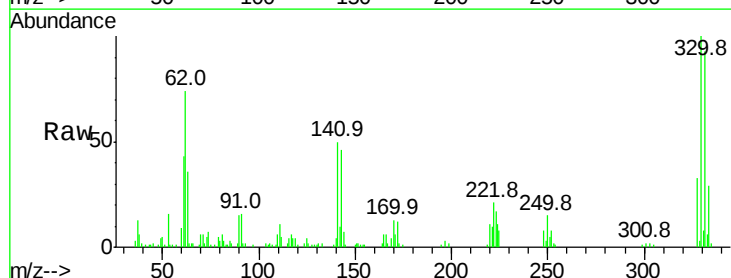


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

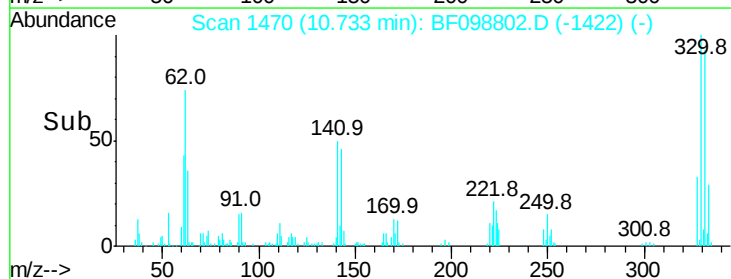
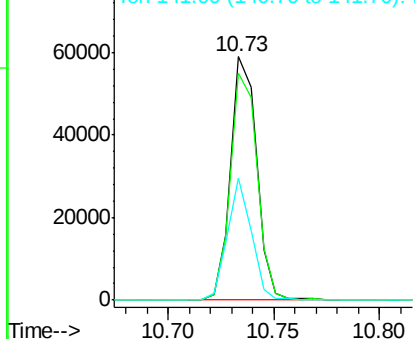


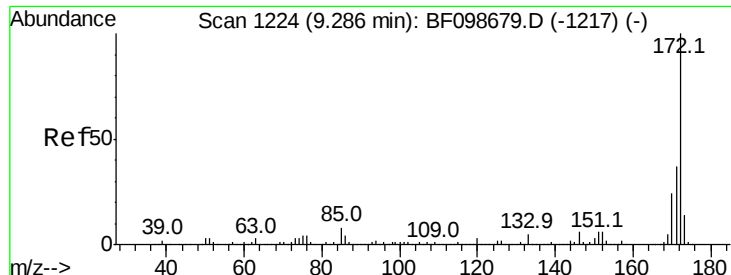
#41
2,4,6-Tribromophenol
Concen: 22.288 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.02 min
Lab File: BF098802.D
Acq: 26 Sep 2017 00:24

Tgt Ion:330 Resp: 50480
Ion Ratio Lower Upper
330 100
332 94.8 77.0 115.6
141 45.6 29.9 44.9#



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

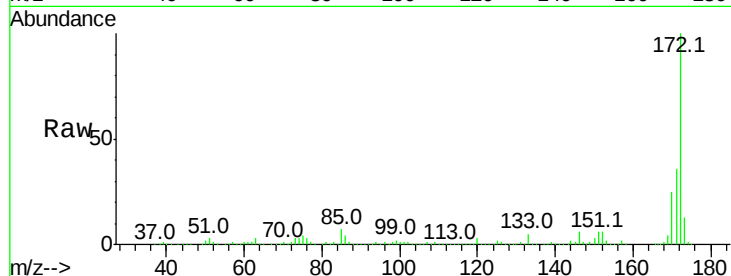




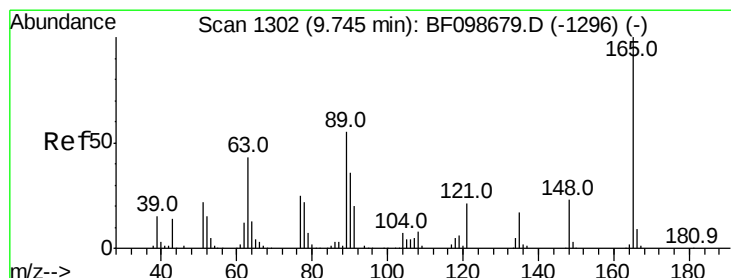
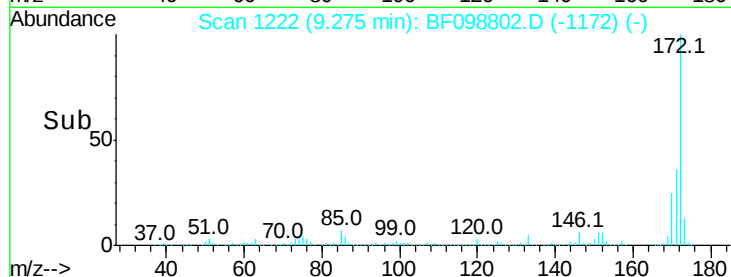
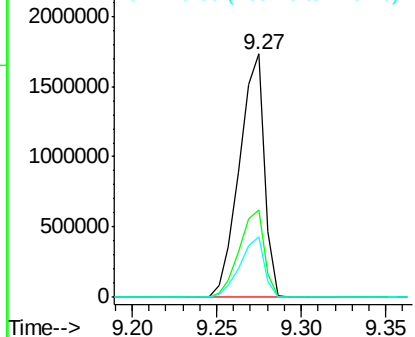
#44
 2-Fluorobiphenyl
 Concen: 107.583 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098802.D
 Acq: 26 Sep 2017 00:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1783723
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.6 19.6 29.4

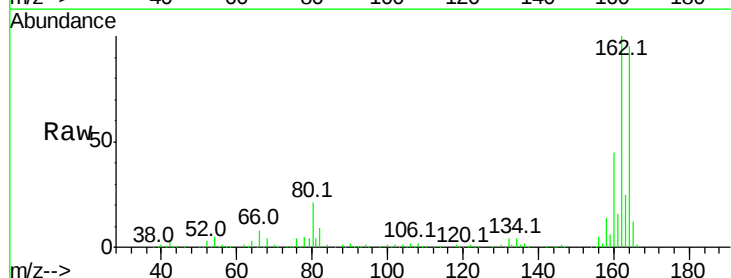


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

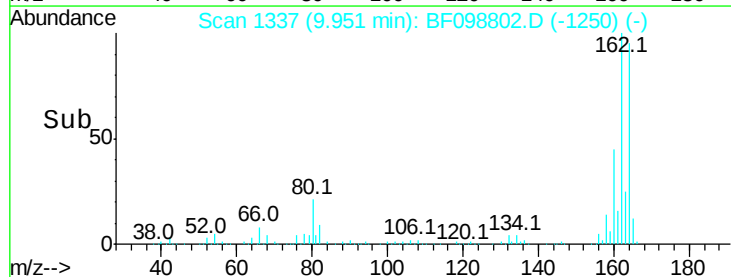
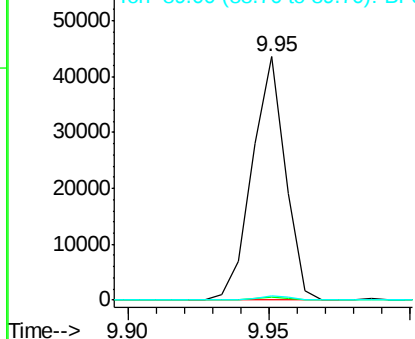


#50
 2,6-Dinitrotoluene
 Concen: 7.794 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.21 min
 Lab File: BF098802.D
 Acq: 26 Sep 2017 00:24

Tgt Ion:165 Resp: 35447
 Ion Ratio Lower Upper
 165 100
 63 1.2 44.7 67.1#
 89 1.6 44.0 66.0#



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

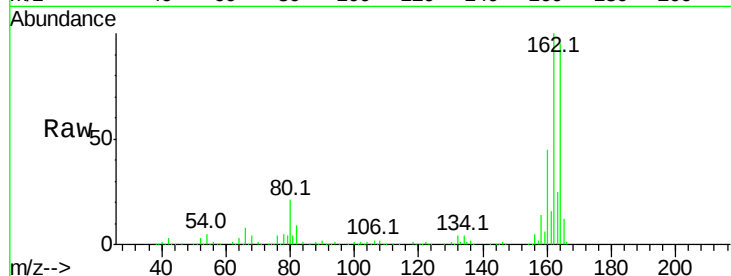




#56
 2,4-Dinitrotoluene
 Concen: 6.005 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098802.D
 Acq: 26 Sep 2017 00:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	35447
Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

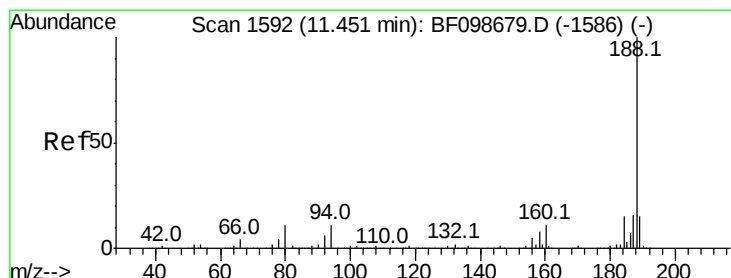
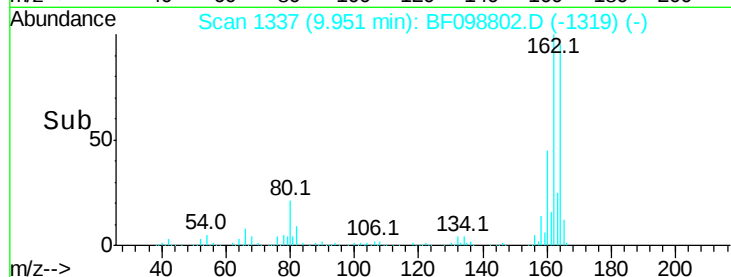
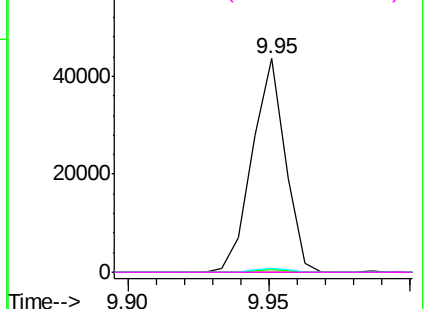


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

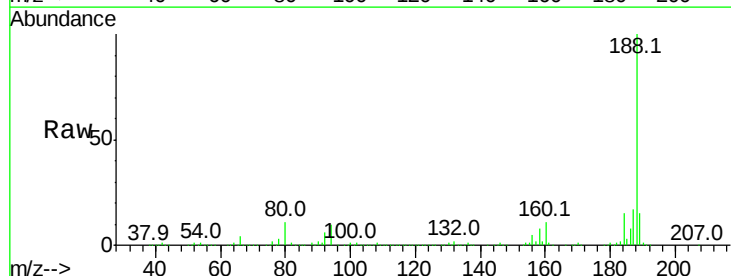
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF098802.D
 Acq: 26 Sep 2017 00:24

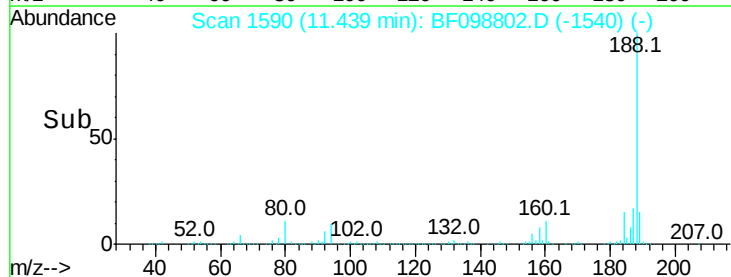
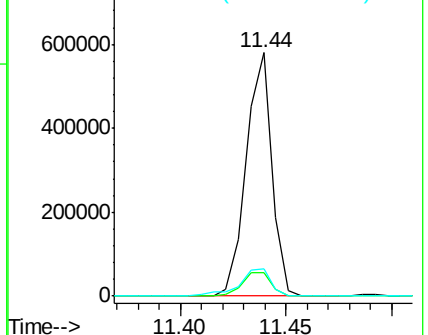
Tgt Ion:	188	Resp:	489511
Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	11.0	9.2	13.8

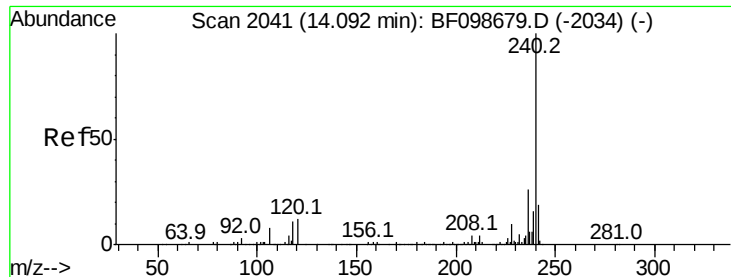


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF098802.D

Acq: 26 Sep 2017 00:24

Instrument :

BNA_F

ClientSampled :

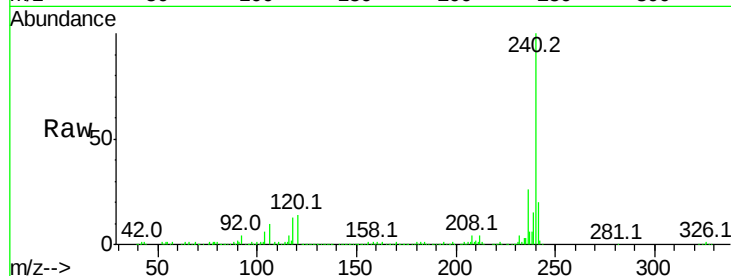
Tot Ion:240 Resp: 299297

Ion Ratio Lower Upper

240 100

120 14.3 9.5 14.3

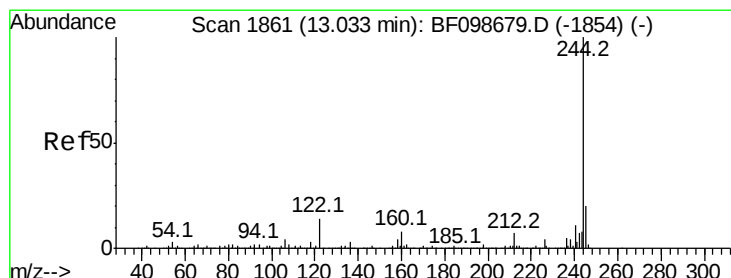
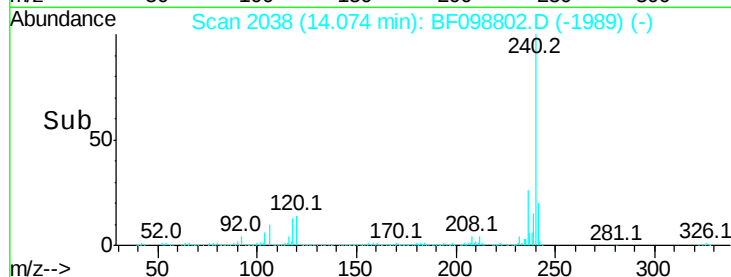
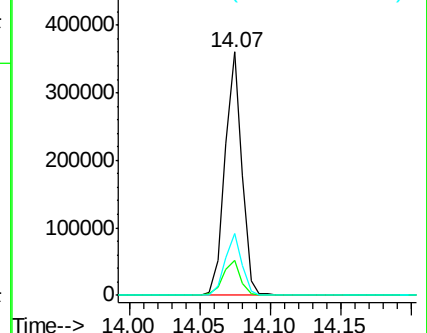
236 25.6 20.7 31.1



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: 117.869 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098802.D

Acq: 26 Sep 2017 00:24

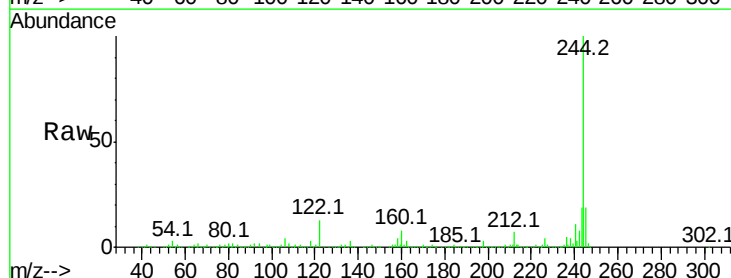
Tgt Ion:244 Resp: 1551216

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

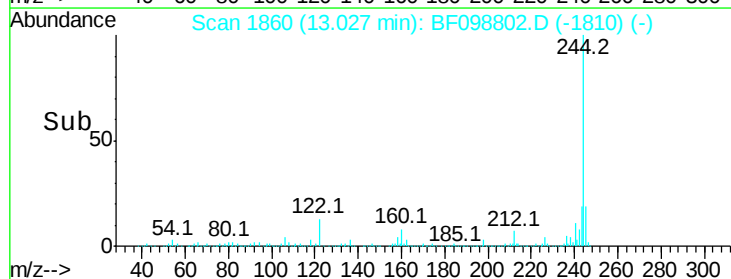
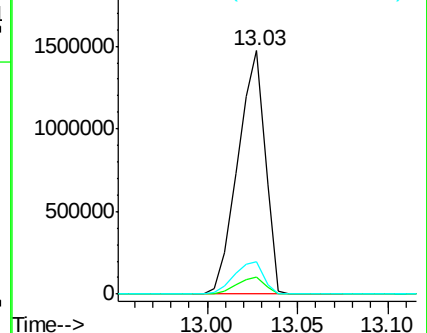
122 13.1 11.0 16.4

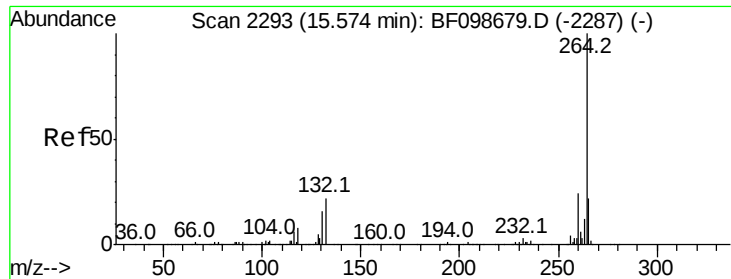


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF098802.D
Acq: 26 Sep 2017 00:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 256605

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.0	17.5	26.3

