

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100617\
 Data File : BF099182.D
 Acq On : 7 Oct 2017 7:58
 Operator : SJ/JU
 Sample : I5675-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 08 03:02:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

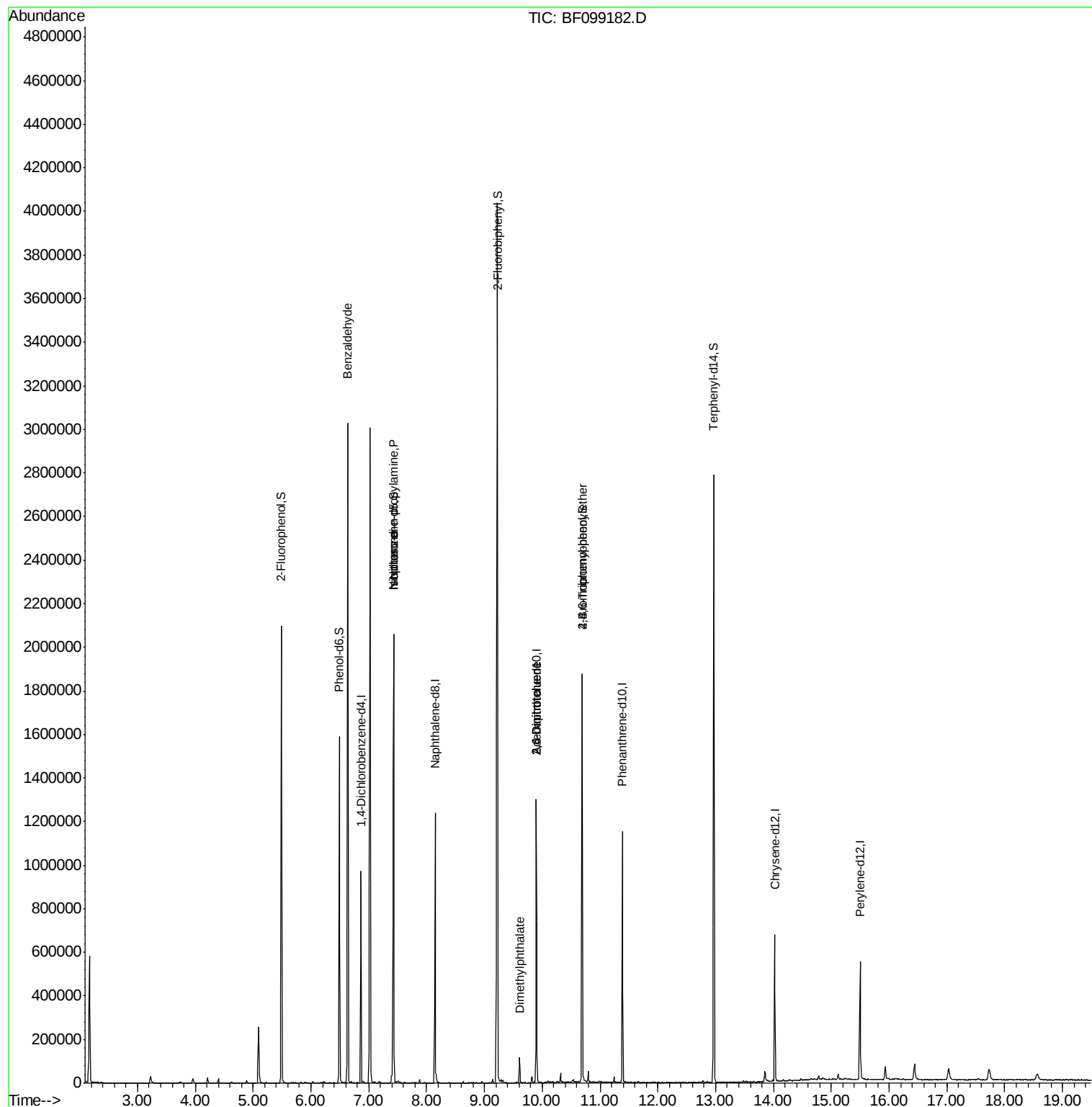
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	131807	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	537340	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	240366	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	384522	20.00	ng	0.00
75) Chrysene-d12	14.02	240	205696	20.00	ng	-0.01
86) Perylene-d12	15.50	264	226482	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	629218	75.99	ng	0.00
7) Phenol-d6	6.49	99	514363	50.36	ng	0.00
23) Nitrobenzene-d5	7.43	82	785222	93.71	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	239921	121.98	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1376472	95.60	ng	0.00
78) Terphenyl-d14	12.97	244	938626	103.78	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	17711	2.989	ng	87
19) n-Nitroso-di-n-propylamine	7.43	70	101268	15.529	ng	# 75
25) Isophorone	7.43	82	781224	45.096	ng	# 64
49) Dimethylphthalate	9.61	163	42713	2.354	ng	96
50) 2,6-Dinitrotoluene	9.90	165	30452	7.710	ng	# 25
56) 2,4-Dinitrotoluene	9.90	165	30452	5.941	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	15476	4.112	ng	# 1

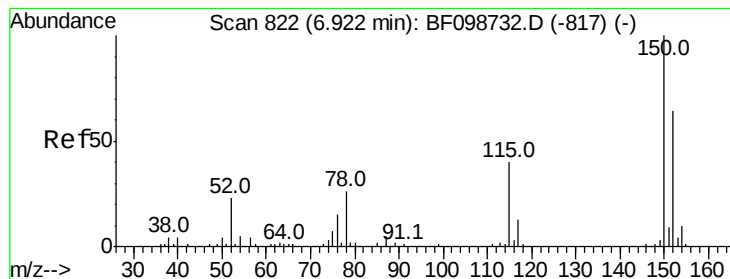
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100617\
Data File : BF099182.D
Acq On : 7 Oct 2017 7:58
Operator : SJ/JU
Sample : I5675-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 08 03:02:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration



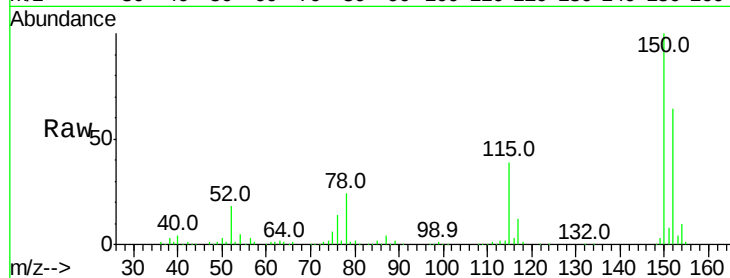


#1

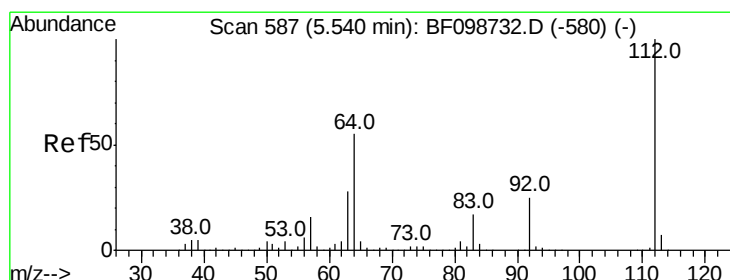
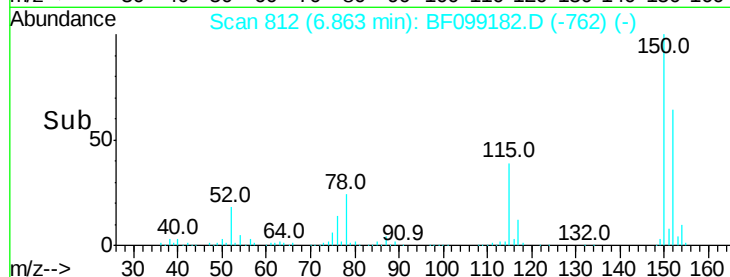
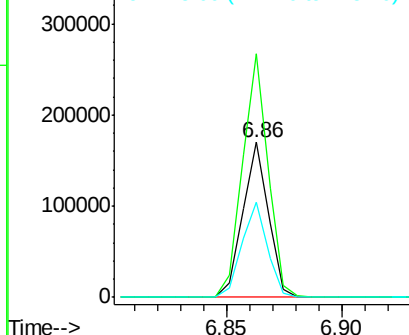
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099182.D
 Acq: 7 Oct 2017 7:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 131807
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.6 186.8
 115 61.2 50.1 75.1



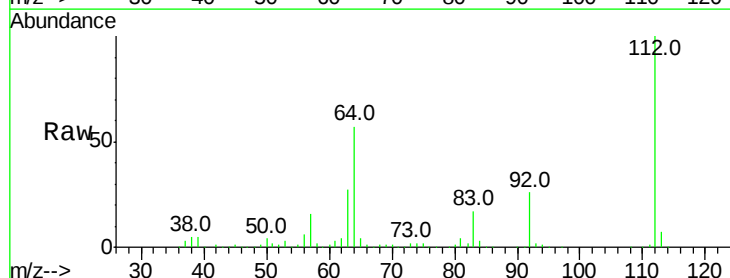
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



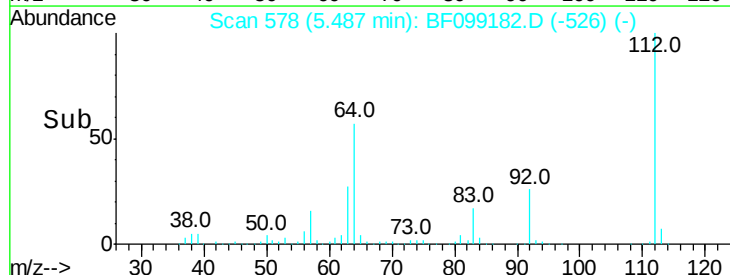
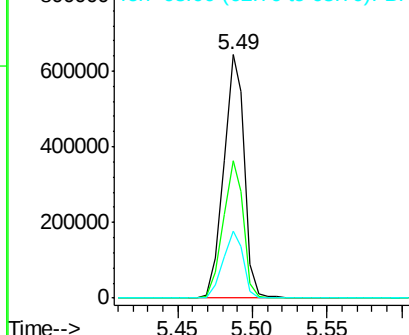
#5

2-Fluorophenol
 Concen: 75.994 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF099182.D
 Acq: 7 Oct 2017 7:58

Tgt Ion:112 Resp: 629218
 Ion Ratio Lower Upper
 112 100
 64 56.6 47.9 71.9
 63 27.4 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: 50.358 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099182.D

Acq: 7 Oct 2017 7:58

Instrument :

BNA_F

ClientSampleId :

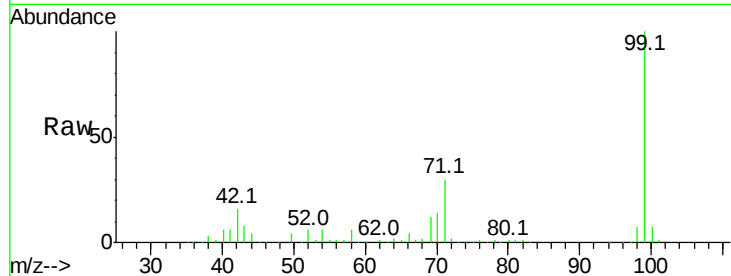
Tot Ion: 99 Resp: 514363

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

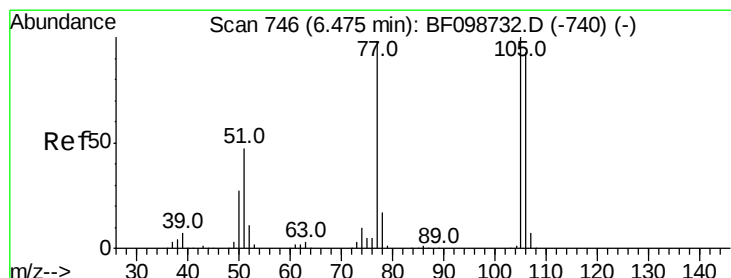
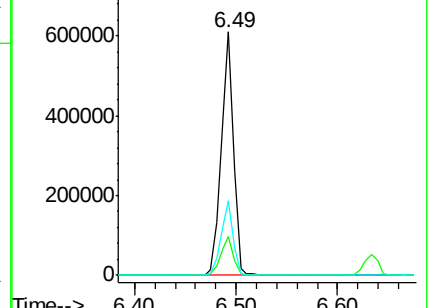
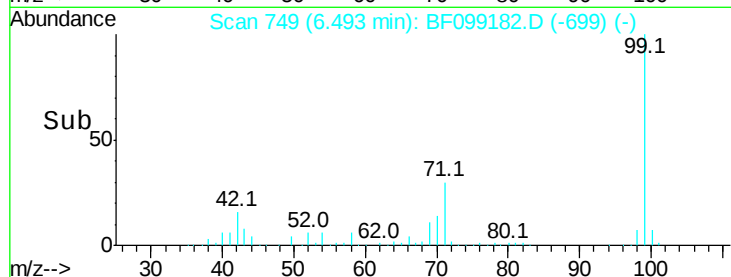
71 30.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 2.989 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.21 min

Lab File: BF099182.D

Acq: 7 Oct 2017 7:58

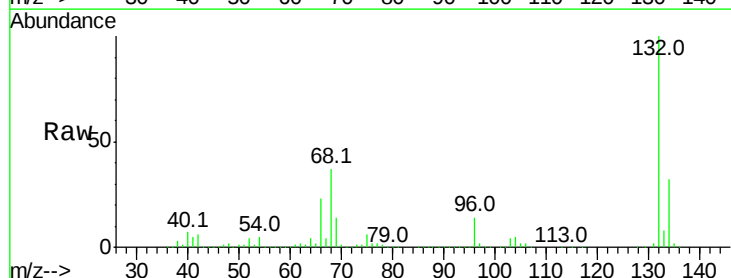
Tgt Ion: 77 Resp: 17711

Ion Ratio Lower Upper

77 100

105 87.1 81.1 121.1

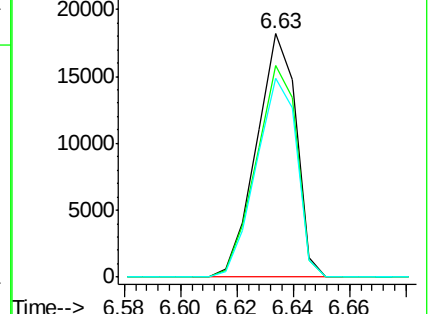
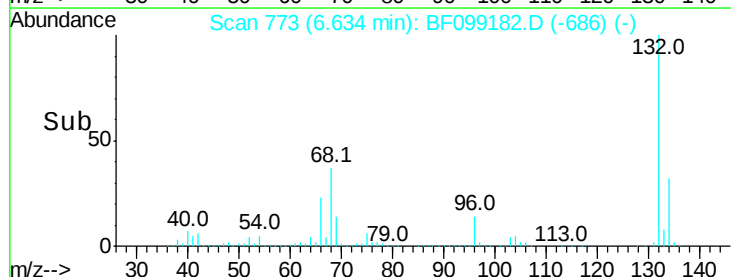
106 81.9 74.5 114.5

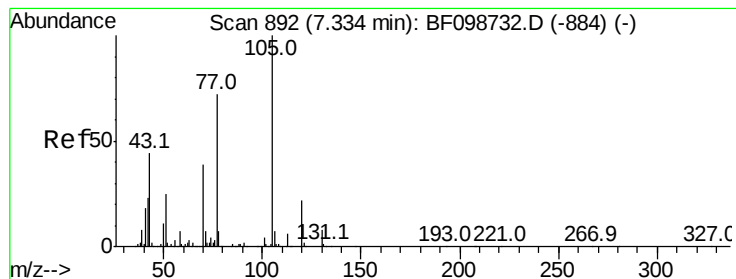


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 15.529 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF099182.D

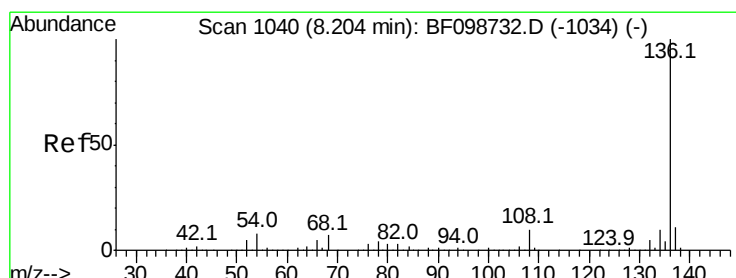
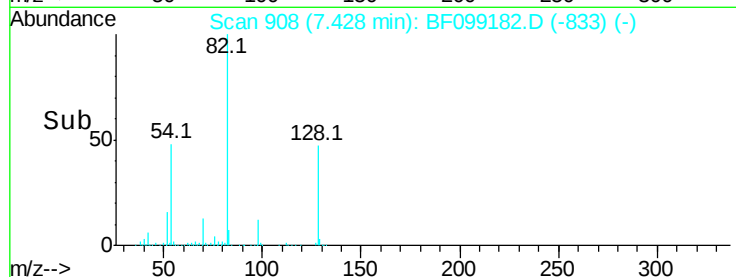
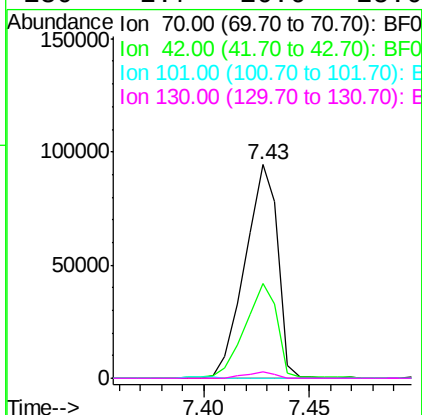
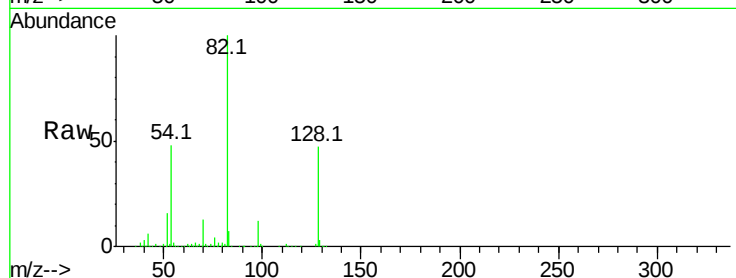
Acq: 7 Oct 2017 7:58

Instrument :

BNA_F

ClientSampled :

Tot Ion:	70	Resp:	101268
Ion	Ratio	Lower	Upper
70	100		
42	44.4	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

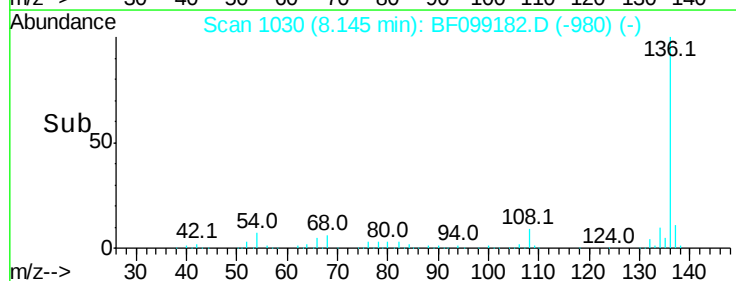
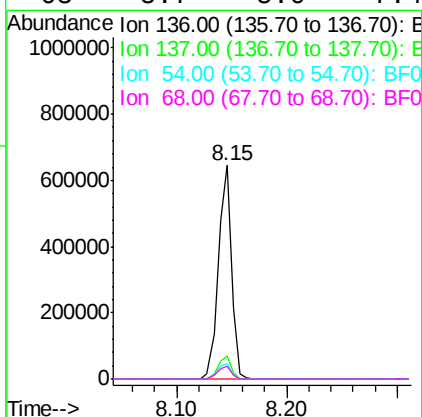
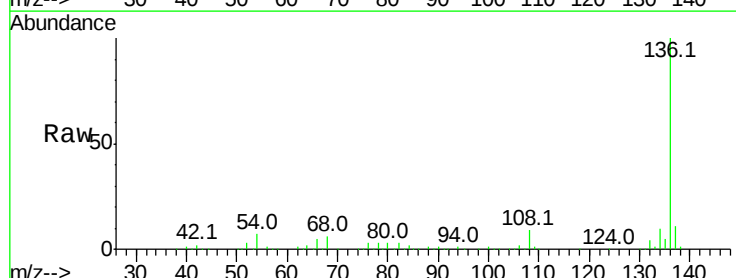
RT: 8.15 min Scan# 1030

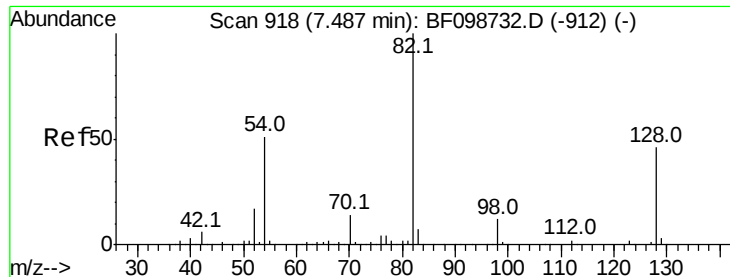
Delta R.T. -0.01 min

Lab File: BF099182.D

Acq: 7 Oct 2017 7:58

Tgt Ion:	136	Resp:	537340
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.0	6.6	9.8
68	5.7	5.0	7.4

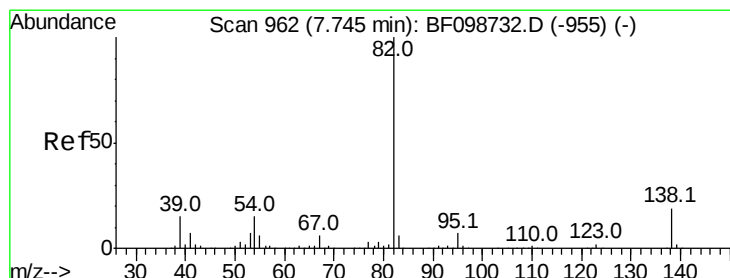
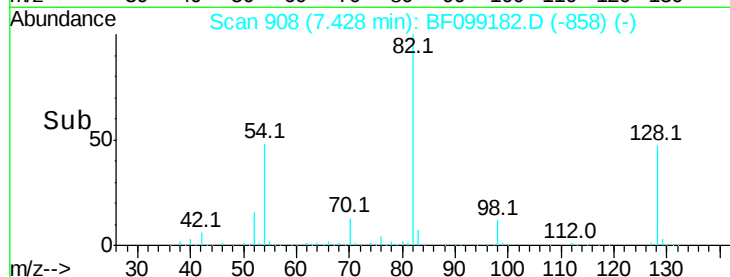
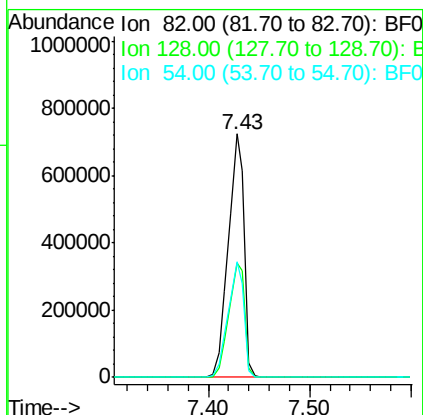
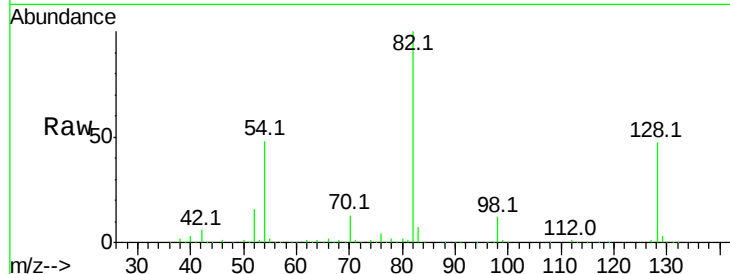




#23
Nitrobenzene-d5
Concen: 93.714 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099182.D
Acq: 7 Oct 2017 7:58

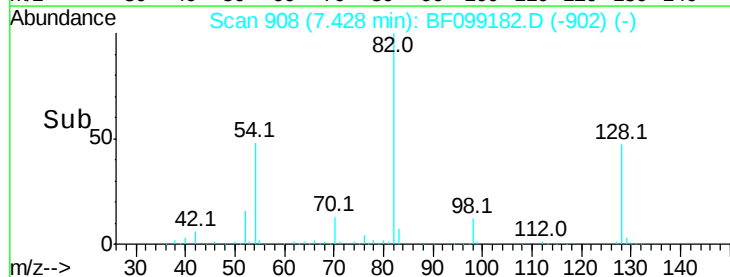
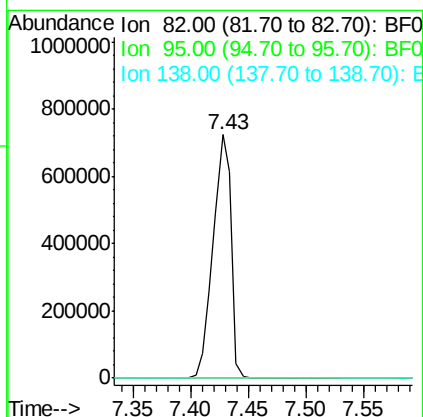
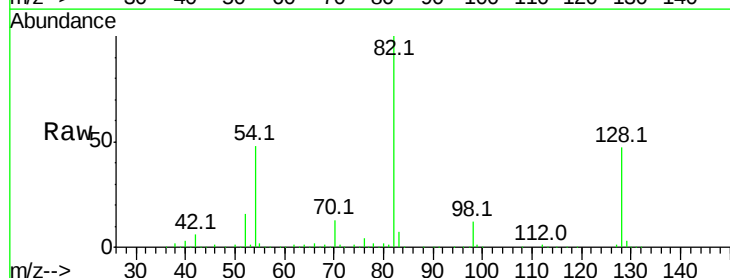
Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	785222
Ion Ratio	100	Lower	Upper
128	46.9	36.1	54.1
54	47.6	41.4	62.2



#25
Isophorone
Concen: 45.096 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.26 min
Lab File: BF099182.D
Acq: 7 Oct 2017 7:58

Tgt Ion	82	Resp	781224
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

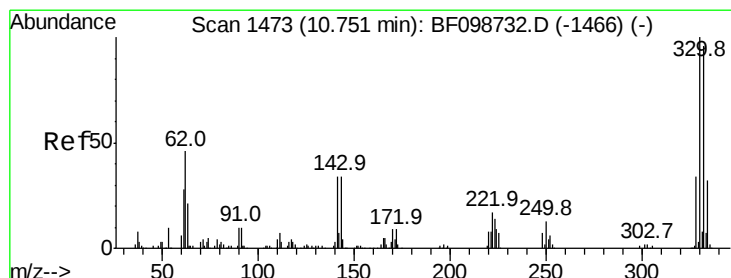
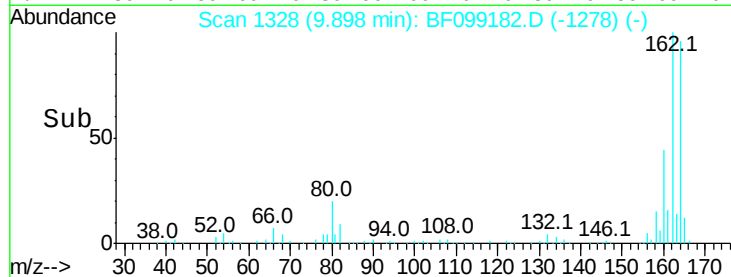
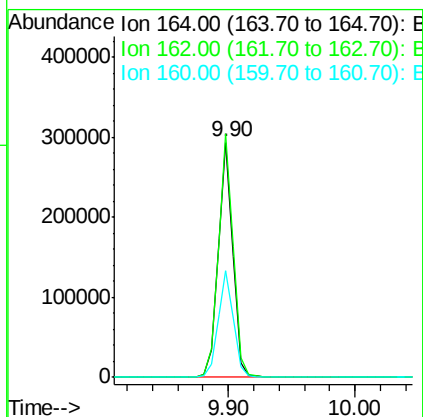
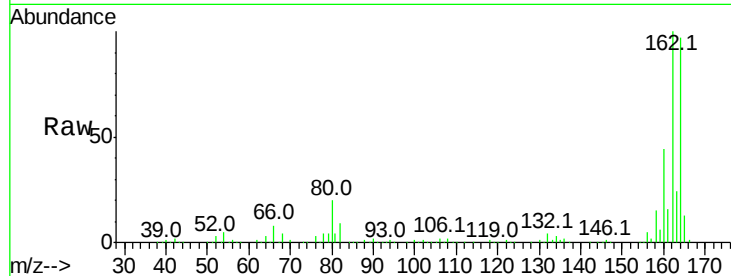




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099182.D
Acq: 7 Oct 2017 7:58

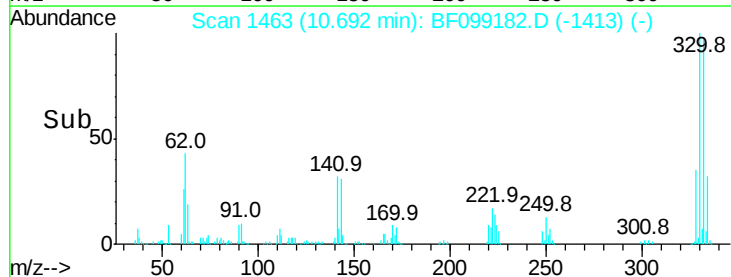
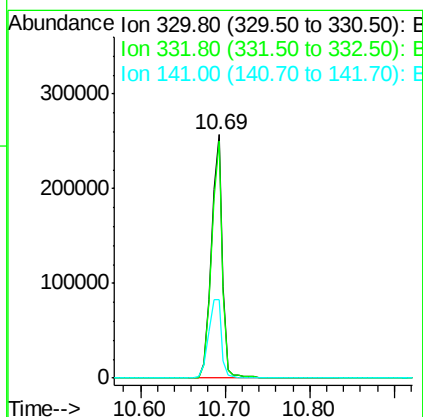
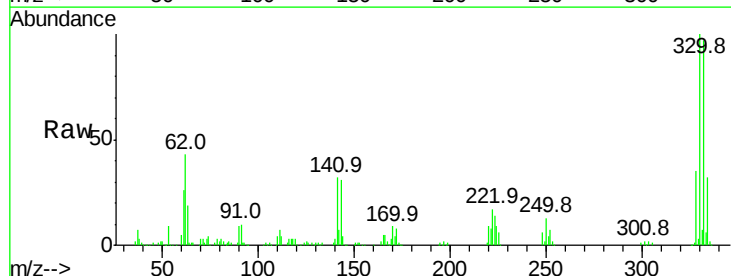
Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 240366
Ion Ratio Lower Upper
164 100
162 103.5 86.1 129.1
160 45.5 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 121.983 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF099182.D
Acq: 7 Oct 2017 7:58

Tgt Ion:330 Resp: 239921
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 38.2 29.9 44.9

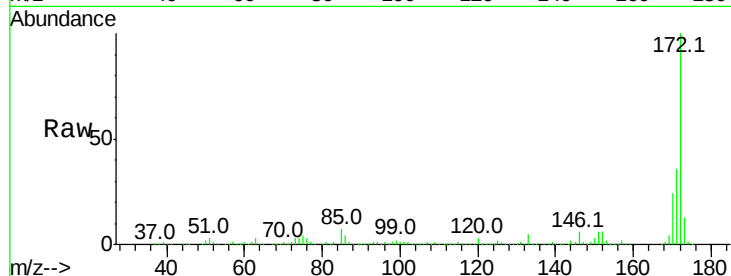




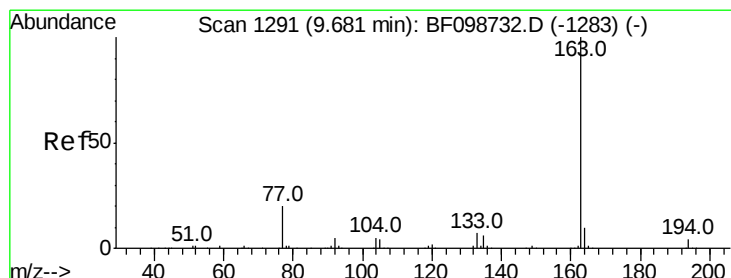
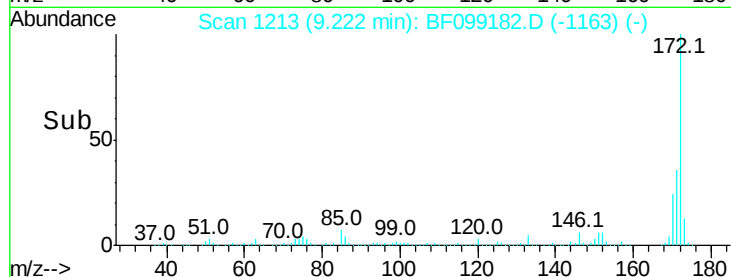
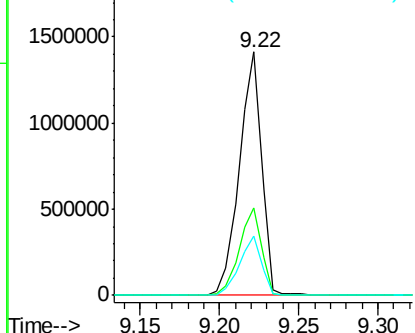
#44
2-Fluorobiphenyl
Concen: 95.600 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF099182.D
Acq: 7 Oct 2017 7:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1376472
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 24.3 19.6 29.4

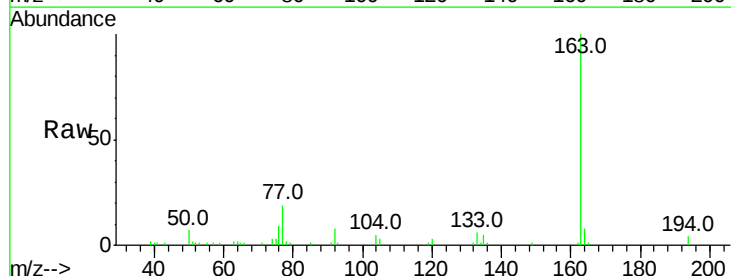


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

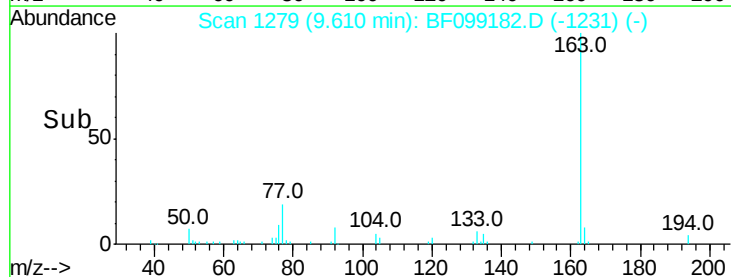
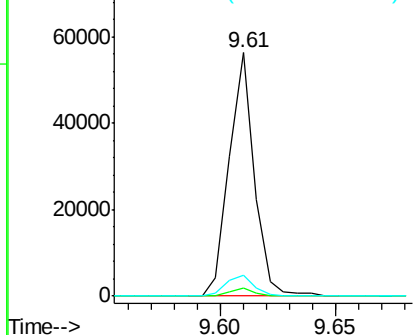


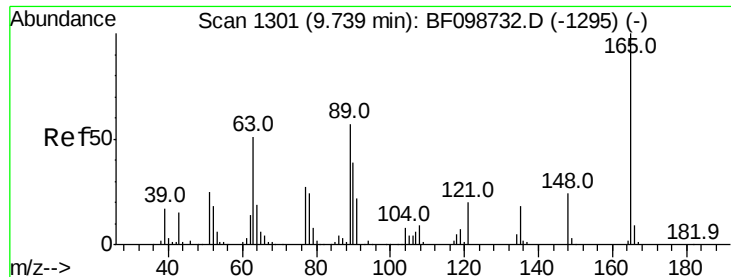
#49
Dimethylphthalate
Concen: 2.354 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099182.D
Acq: 7 Oct 2017 7:58

Tgt Ion:163 Resp: 42713
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 8.4 8.2 12.2



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

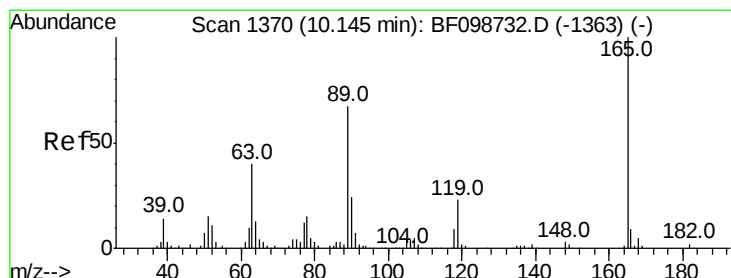
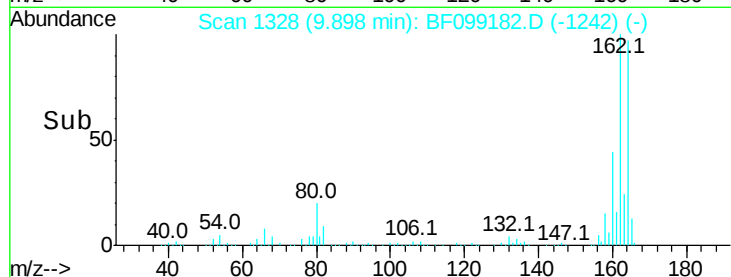
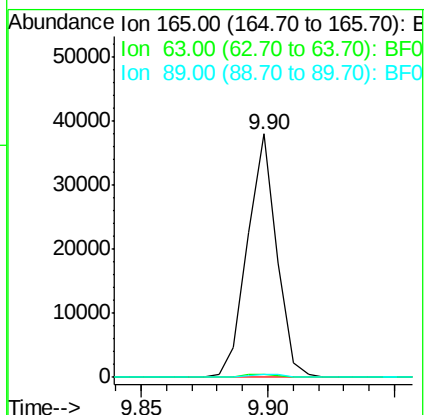
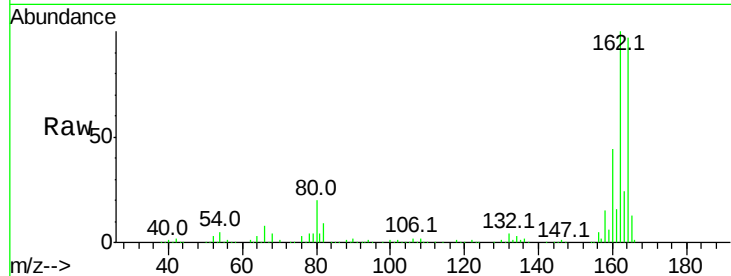




#50
2,6-Dinitrotoluene
Concen: 7.710 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.21 min
Lab File: BF099182.D
Acq: 7 Oct 2017 7:58

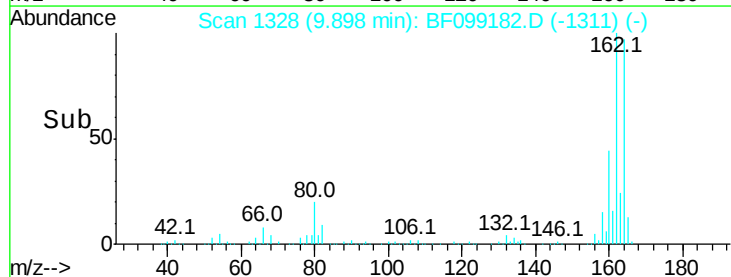
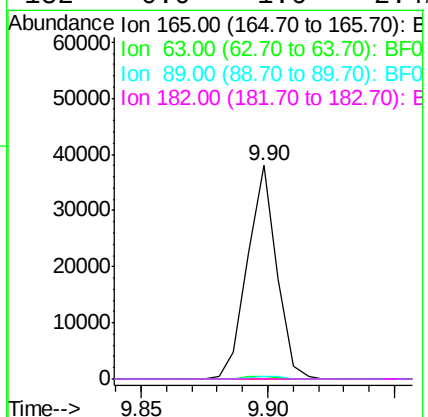
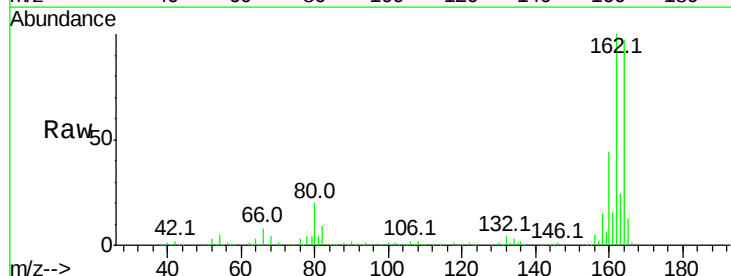
Instrument :
BNA_F
ClientSampleId :

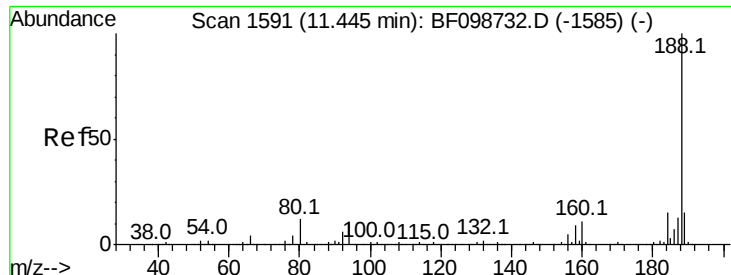
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.3	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 5.941 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.20 min
Lab File: BF099182.D
Acq: 7 Oct 2017 7:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF099182.D

Acq: 7 Oct 2017 7:58

Instrument :

BNA_F

ClientSampleId :

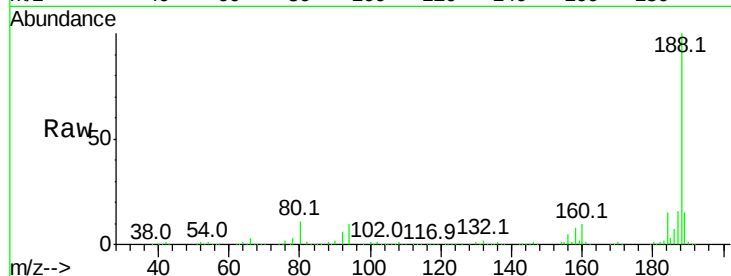
Tot Ion:188 Resp: 384522

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

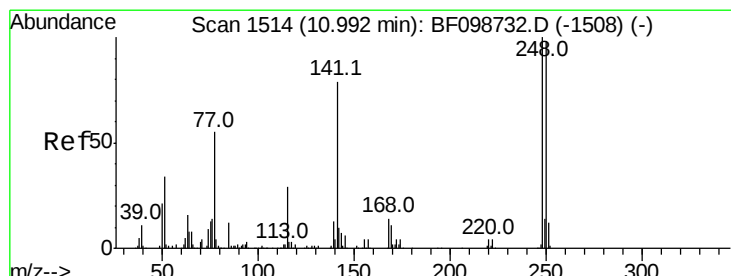
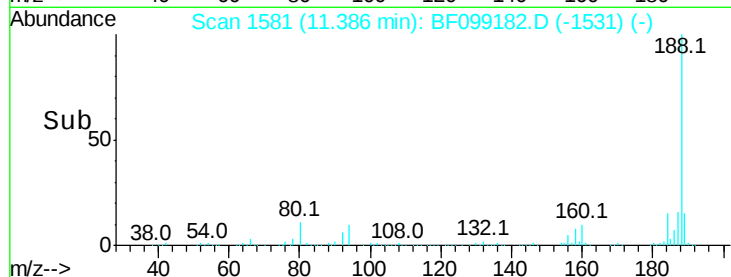
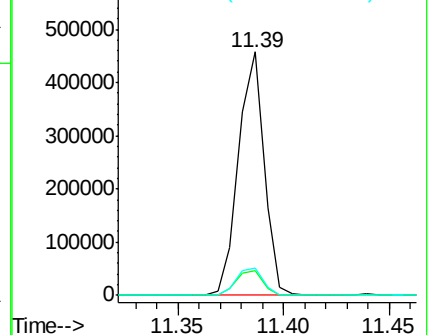
80 11.2 9.2 13.8



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



#66

4-Bromophenyl-phenylether

Concen: 4.112 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.24 min

Lab File: BF099182.D

Acq: 7 Oct 2017 7:58

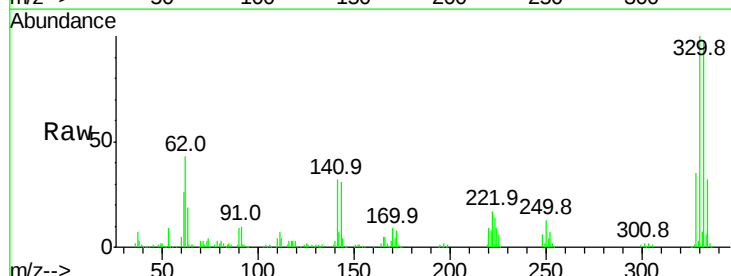
Tgt Ion:248 Resp: 15476

Ion Ratio Lower Upper

248 100

250 208.3 76.9 115.3#

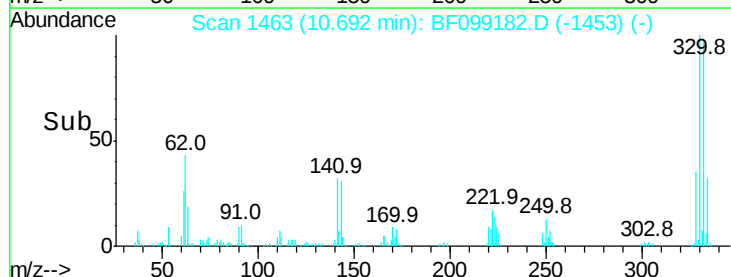
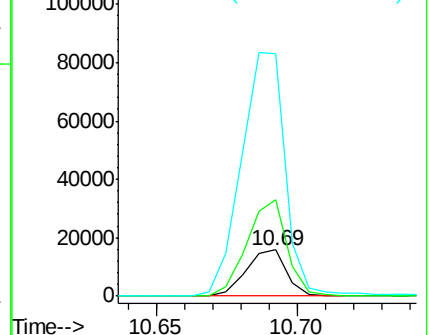
141 526.6 74.4 111.6#

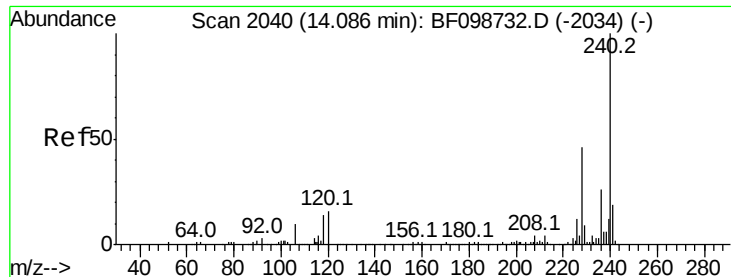


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF099182.D

Acq: 7 Oct 2017 7:58

Instrument :

BNA_F

ClientSampleId :

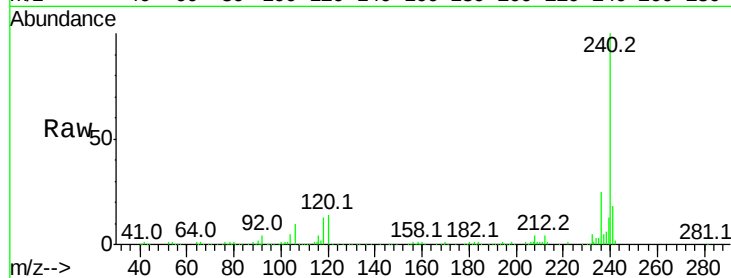
Tot Ion:240 Resp: 205696

Ion Ratio Lower Upper

240 100

120 14.2 9.5 14.3

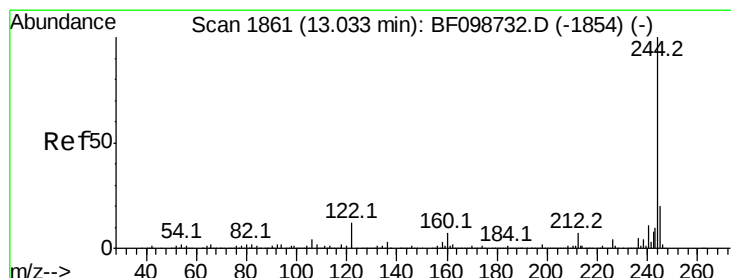
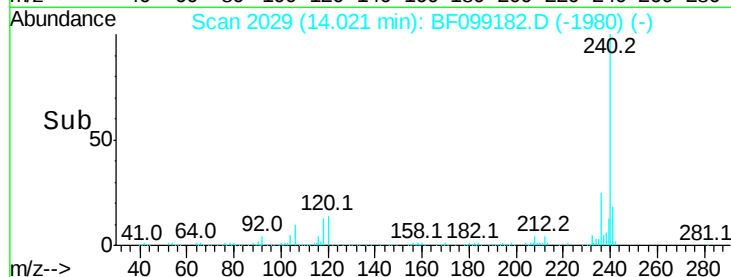
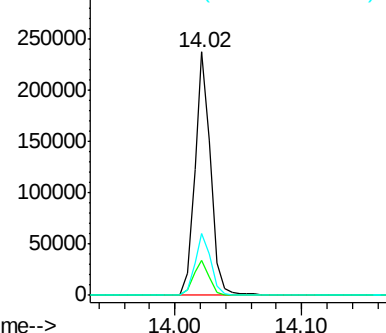
236 25.2 20.7 31.1



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: 103.776 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099182.D

Acq: 7 Oct 2017 7:58

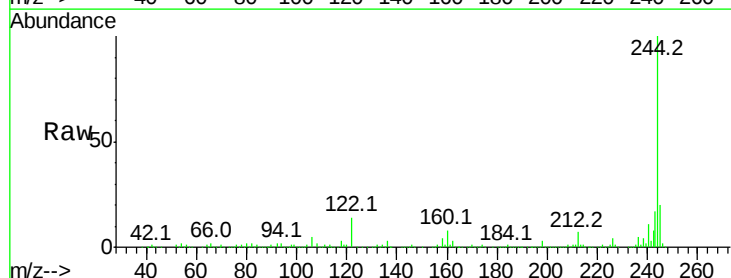
Tgt Ion:244 Resp: 938626

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

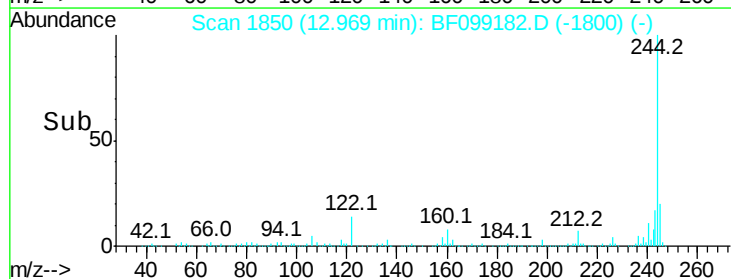
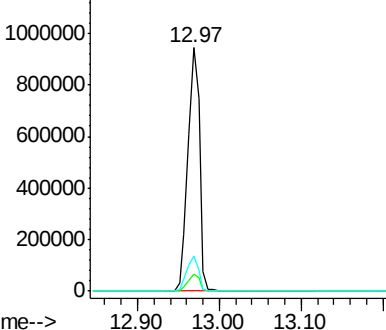
122 14.4 11.0 16.4

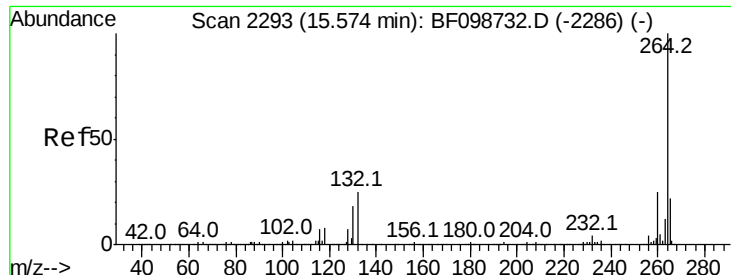


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

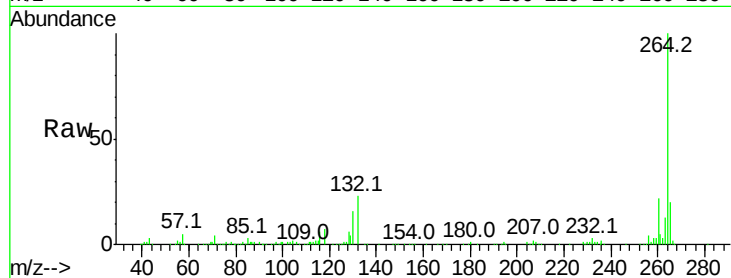




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF099182.D
 Acq: 7 Oct 2017 7:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.2	28.8
265	20.3	17.5	26.3



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

