

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098778.D
 Acq On : 25 Sep 2017 12:49
 Operator : SJ/JU
 Sample : I5364-05 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 05:13:46 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

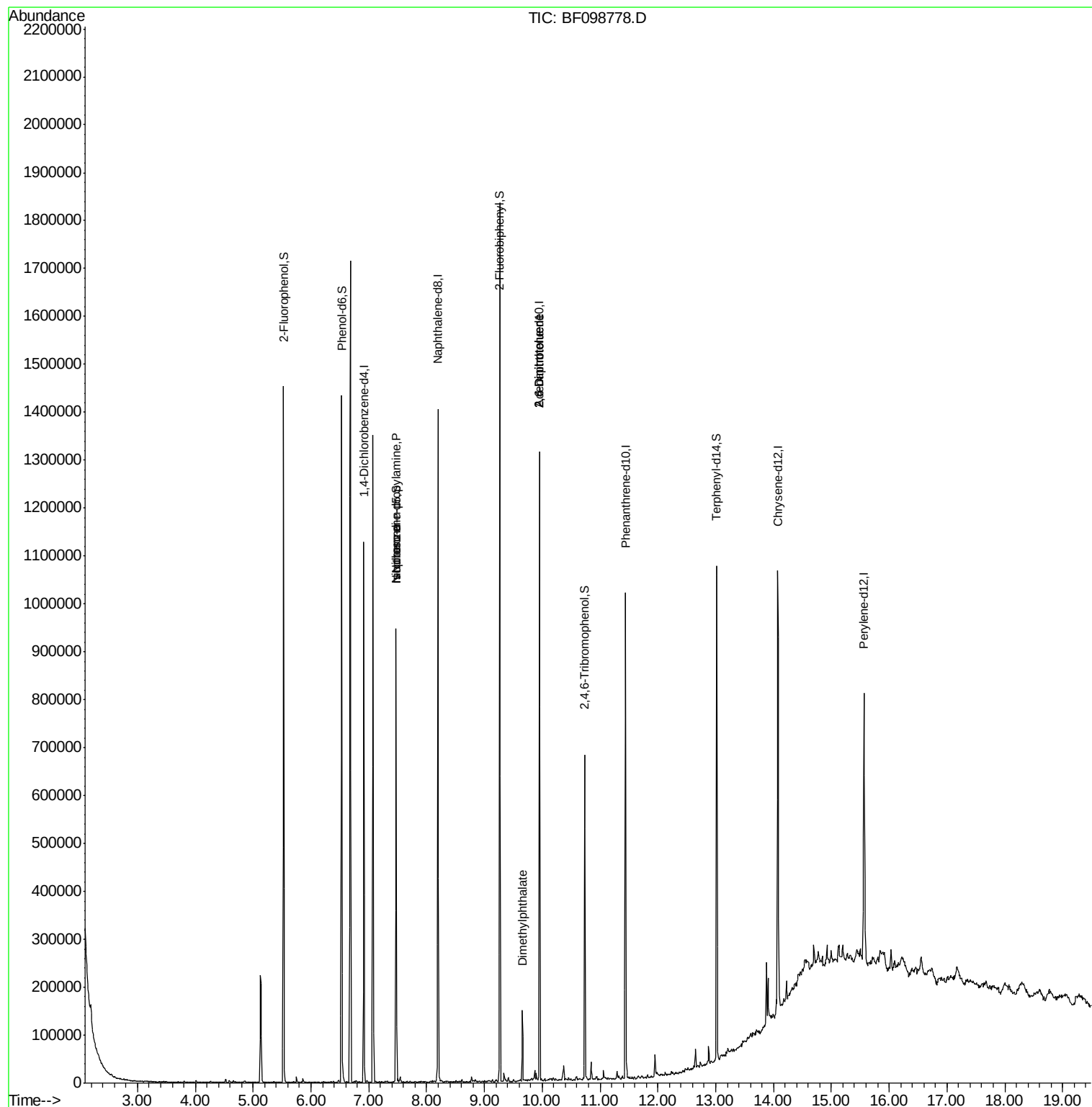
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	149080	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	582121	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	222253	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	322107	20.00	ng	0.00
75) Chrysene-d12	14.07	240	294458	20.00	ng	-0.01
86) Perylene-d12	15.57	264	242201	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	397356	42.43	ng	-0.01
7) Phenol-d6	6.53	99	485327	42.01	ng	-0.02
23) Nitrobenzene-d5	7.47	82	276874	30.50	ng	-0.02
41) 2,4,6-Tribromophenol	10.74	330	58901	32.39	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	490065	36.81	ng	-0.01
78) Terphenyl-d14	13.02	244	313577	24.22	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.47	70	35560	4.821	ng	# 77
25) Isophorone	7.47	82	276380	14.727	ng	# 64
49) Dimethylphthalate	9.66	163	46718	2.785	ng	100
50) 2,6-Dinitrotoluene	9.95	165	29235	8.005	ng	# 25
56) 2,4-Dinitrotoluene	9.95	165	29235	6.168	ng	# 23

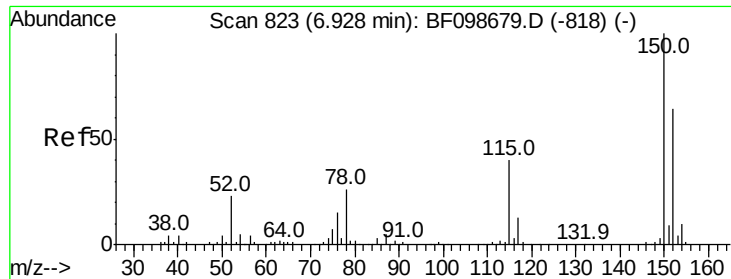
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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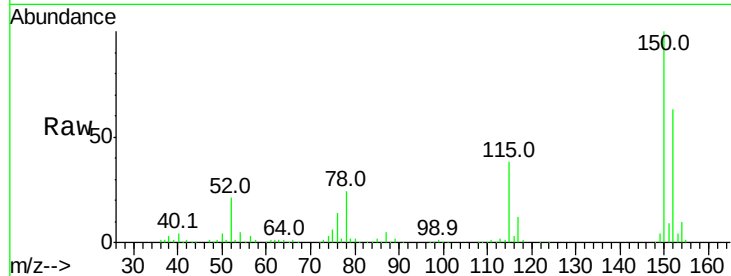


#1

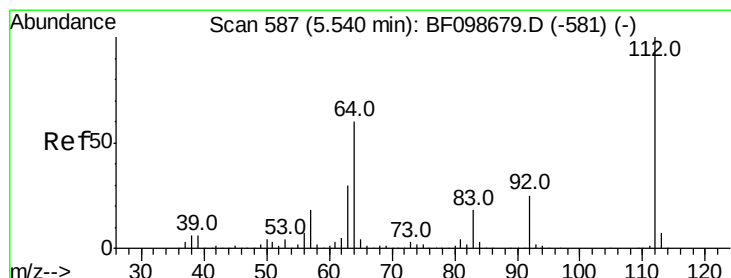
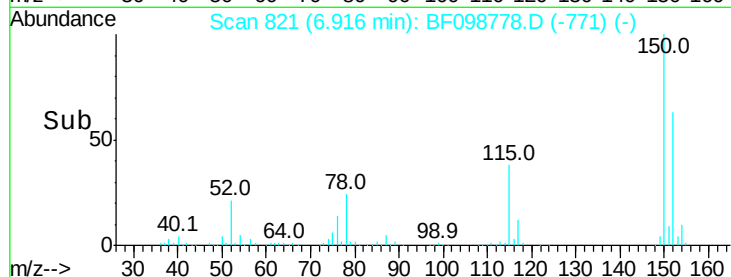
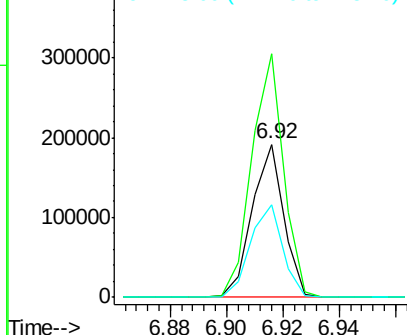
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098778.D
Acq: 25 Sep 2017 12:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 149080
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 60.5 50.1 75.1



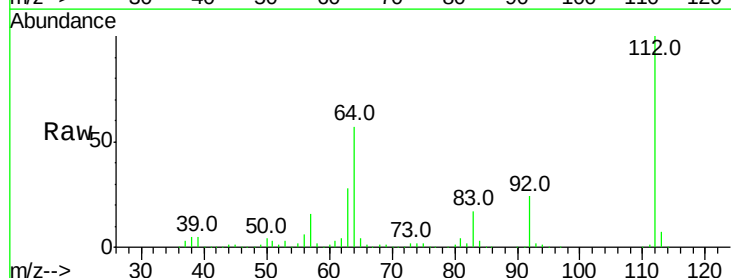
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



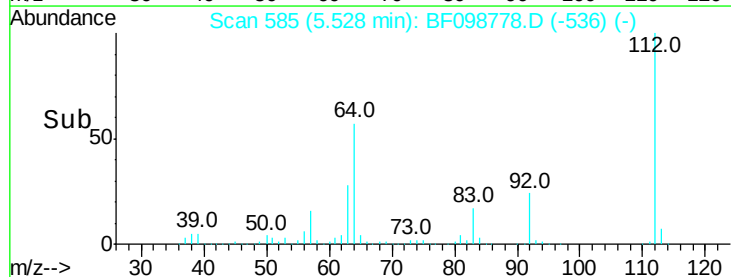
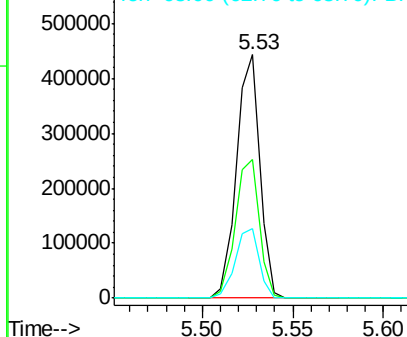
#5

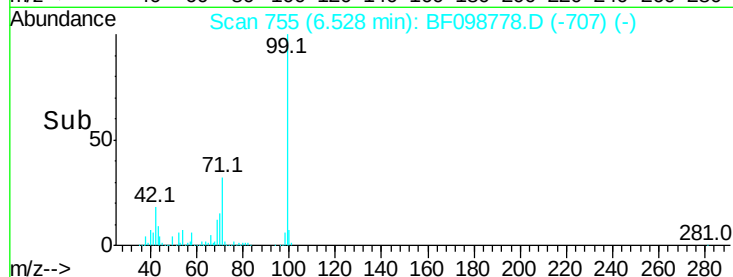
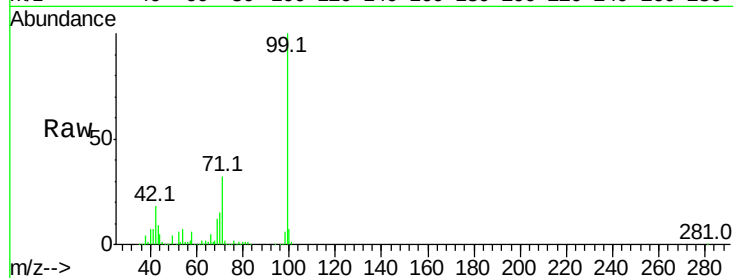
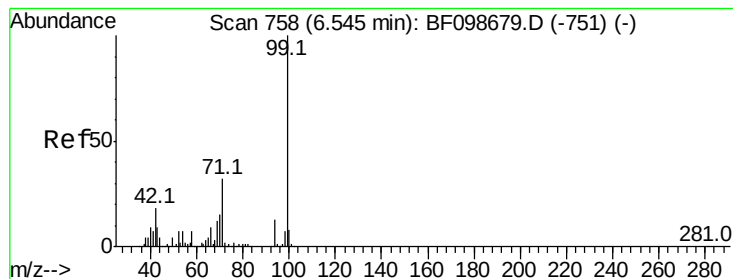
2-Fluorophenol
Concen: 42.430 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF098778.D
Acq: 25 Sep 2017 12:49

Tgt Ion:112 Resp: 397356
Ion Ratio Lower Upper
112 100
64 56.8 47.9 71.9
63 28.5 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: 42.010 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098778.D

Acq: 25 Sep 2017 12:49

Instrument :

BNA_F

ClientSampleId :

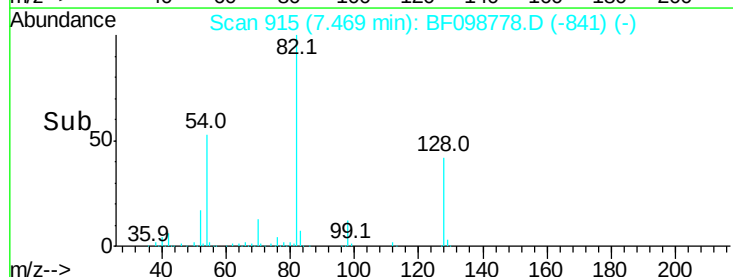
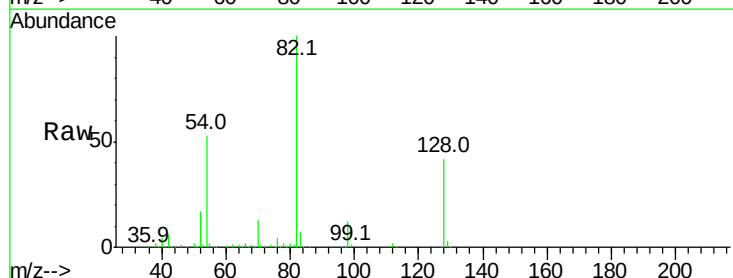
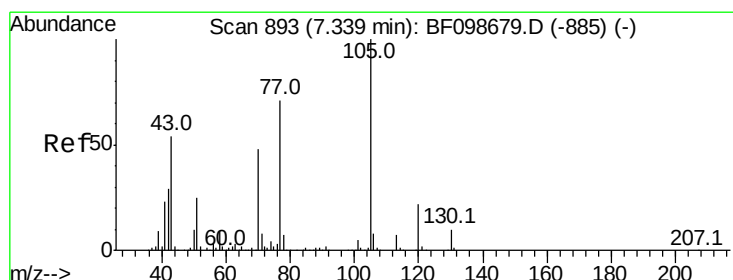
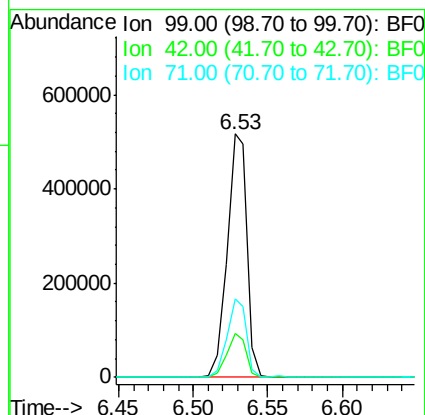
Tot Ion: 99 Resp: 485327

Ion Ratio Lower Upper

99 100

42 18.3 14.5 21.7

71 32.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 4.821 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.14 min

Lab File: BF098778.D

Acq: 25 Sep 2017 12:49

Tgt Ion: 70 Resp: 35560

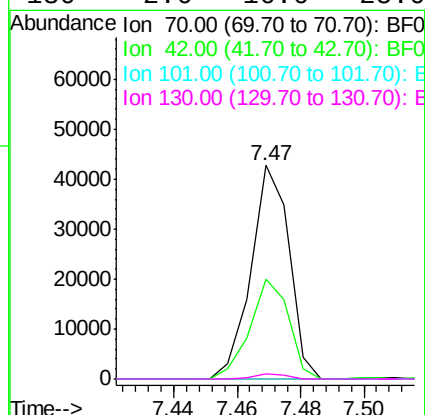
Ion Ratio Lower Upper

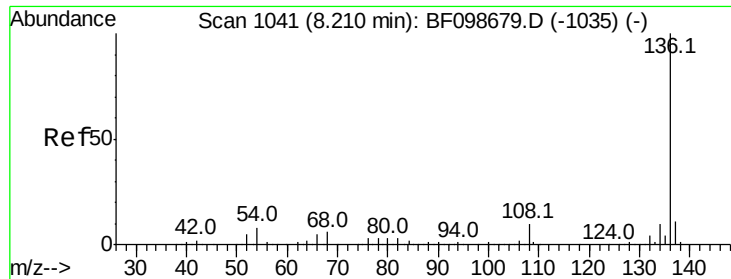
70 100

42 47.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

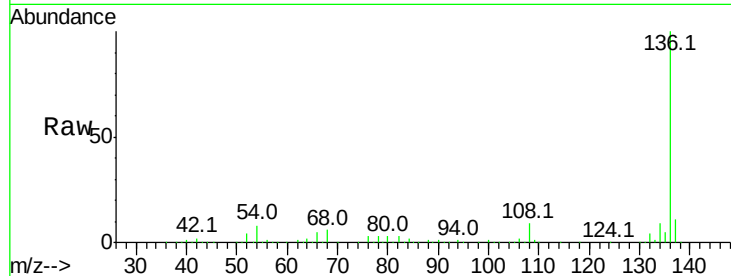




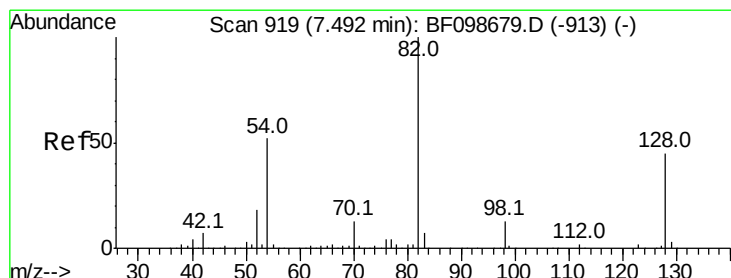
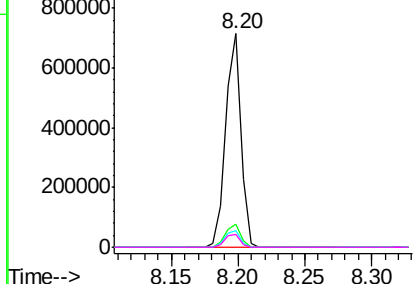
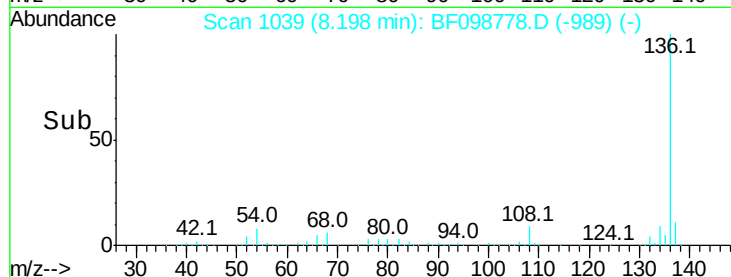
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098778.D
Acq: 25 Sep 2017 12:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	582121
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.6	6.6	9.8
68	6.0	5.0	7.4

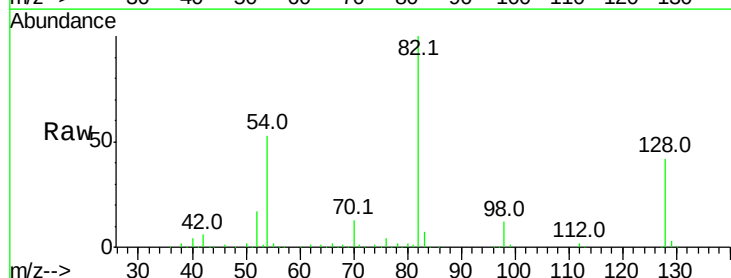


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

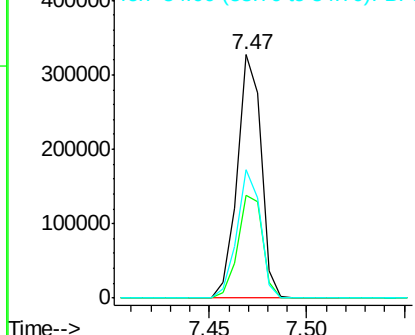
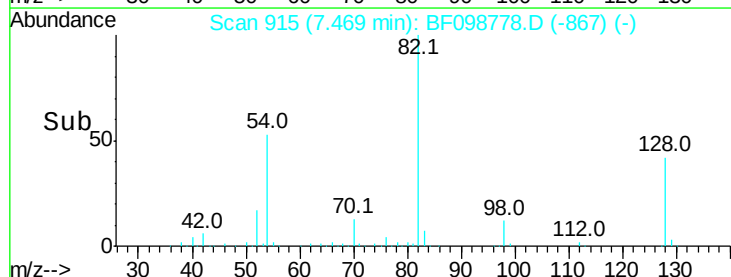


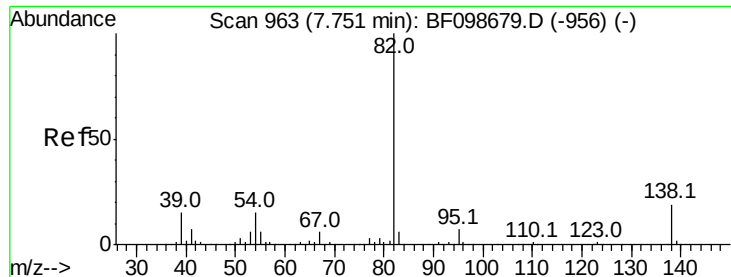
#23
Nitrobenzene-d5
Concen: 30.502 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF098778.D
Acq: 25 Sep 2017 12:49

Tgt Ion:	82	Resp:	276874
Ion	Ratio	Lower	Upper
82	100		
128	42.4	36.1	54.1
54	52.9	41.4	62.2



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





#25

Isophorone

Concen: 14.727 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.28 min

Lab File: BF098778.D

Acq: 25 Sep 2017 12:49

Instrument :

BNA_F

ClientSampleId :

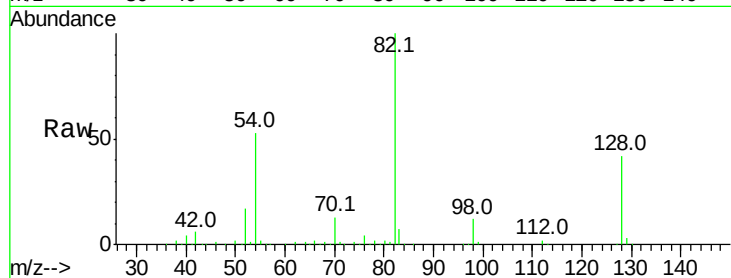
Tot Ion: 82 Resp: 276380

Ion Ratio Lower Upper

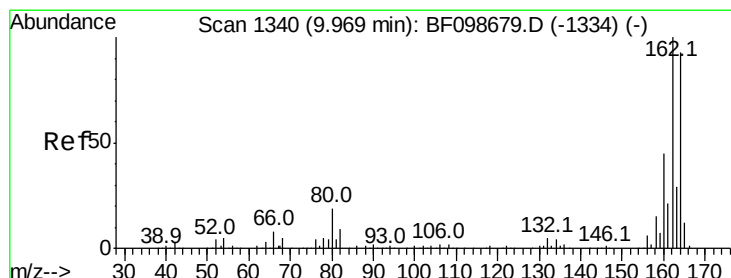
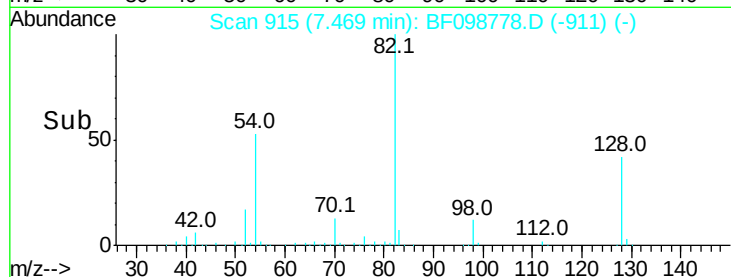
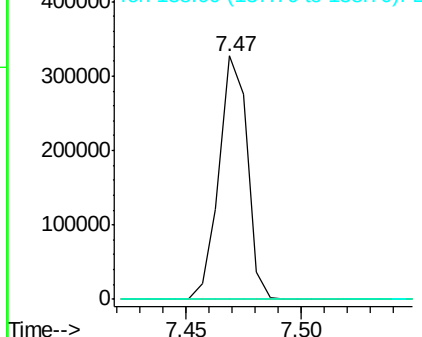
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF098778.D

Acq: 25 Sep 2017 12:49

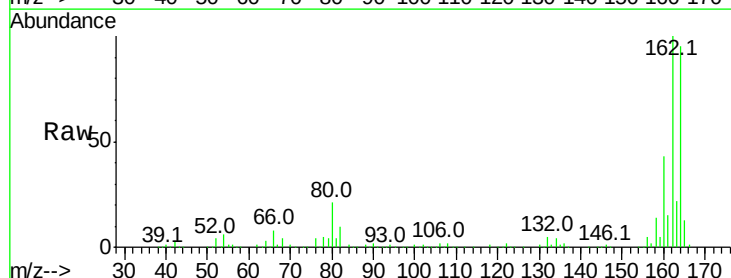
Tgt Ion:164 Resp: 222253

Ion Ratio Lower Upper

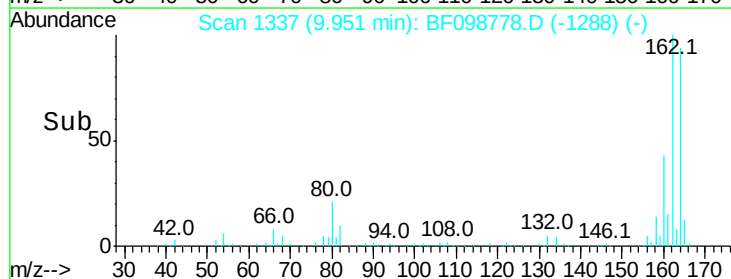
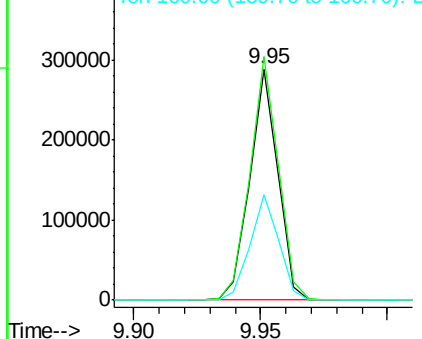
164 100

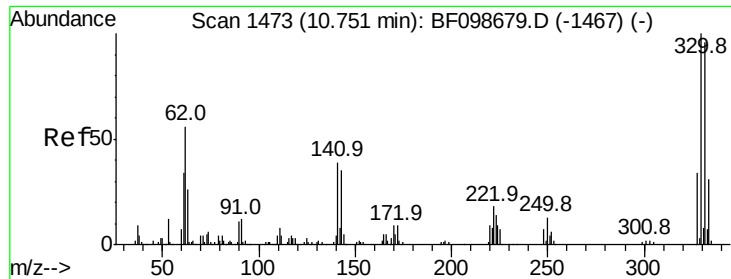
162 105.5 86.1 129.1

160 45.8 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

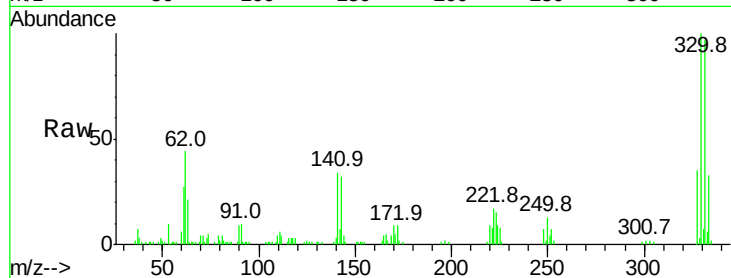




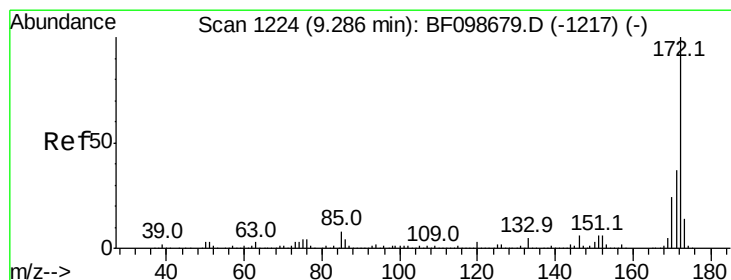
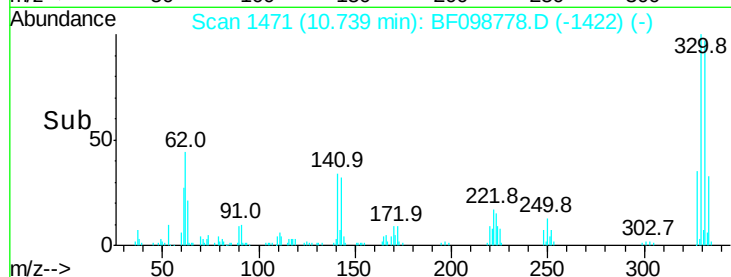
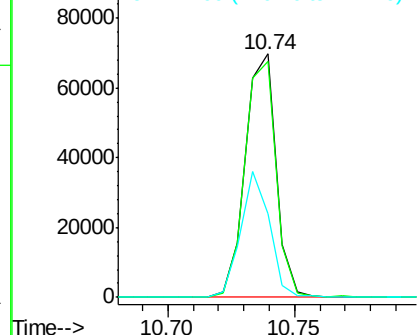
#41
 2,4,6-Tribromophenol
 Concen: 32.388 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098778.D
 Acq: 25 Sep 2017 12:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.0	115.6
141	48.1	29.9	44.9

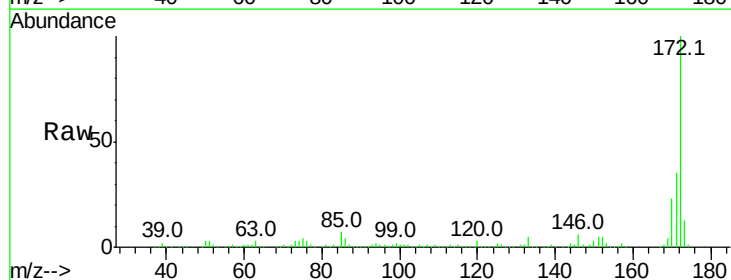


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

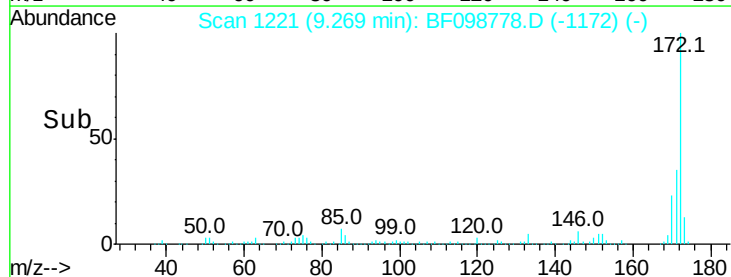
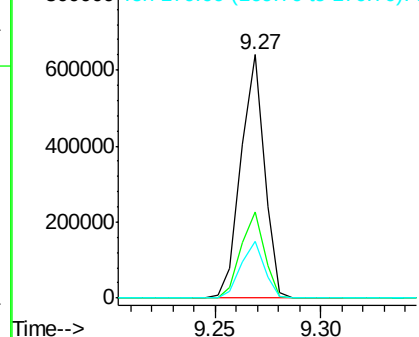


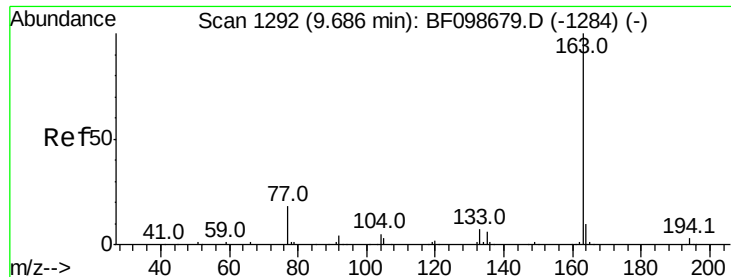
#44
 2-Fluorobiphenyl
 Concen: 36.810 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098778.D
 Acq: 25 Sep 2017 12:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.1	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: 2.785 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BF098778.D

Acq: 25 Sep 2017 12:49

Instrument :

BNA_F

ClientSampleId :

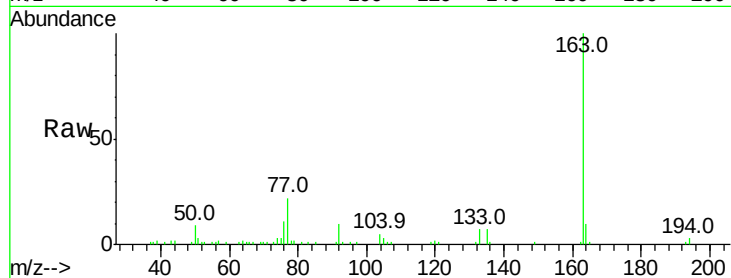
Tot Ion:163 Resp: 46718

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

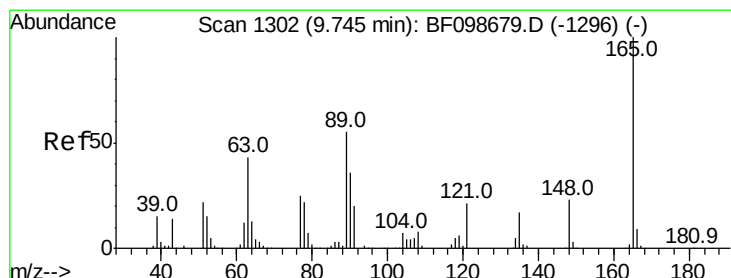
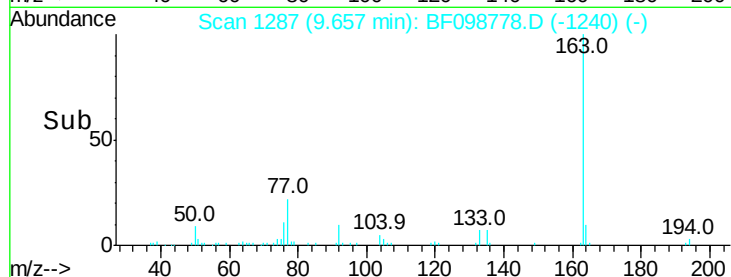
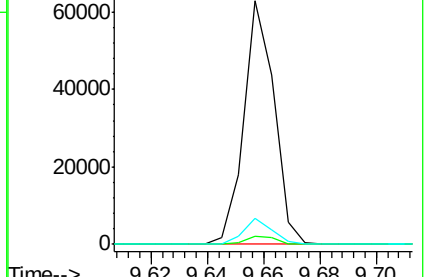
164 10.4 8.2 12.2



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: 8.005 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.21 min

Lab File: BF098778.D

Acq: 25 Sep 2017 12:49

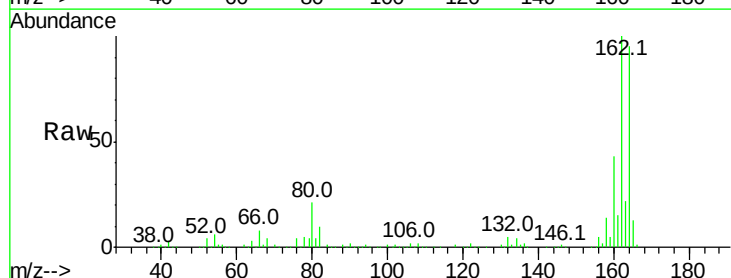
Tgt Ion:165 Resp: 29235

Ion Ratio Lower Upper

165 100

63 1.2 44.7 67.1#

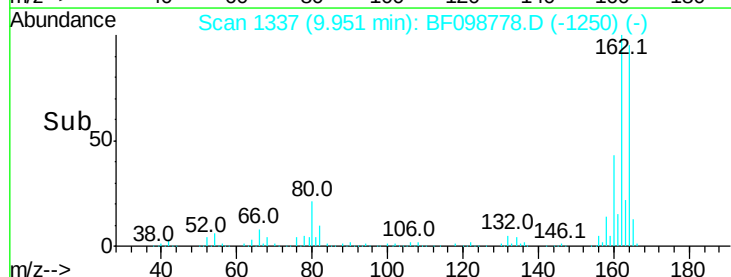
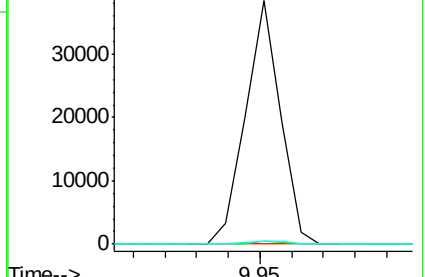
89 1.2 44.0 66.0#

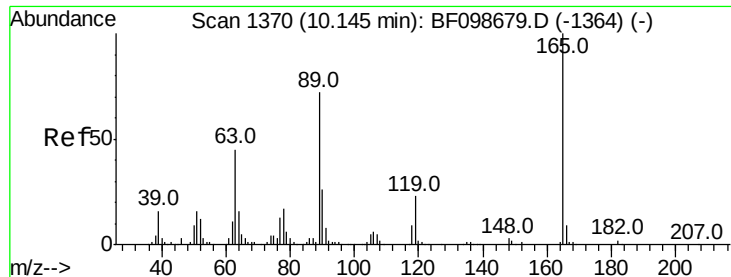


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

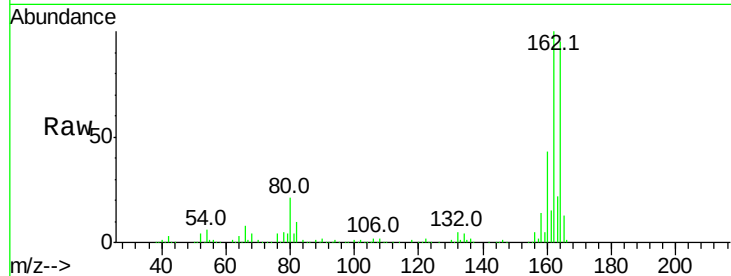




#56
 2,4-Dinitrotoluene
 Concen: 6.168 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098778.D
 Acq: 25 Sep 2017 12:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	29235
Ion Ratio	Lower	Upper
165 100		
63 1.2	36.4	54.6#
89 1.2	57.8	86.6#
182 0.0	1.6	2.4#

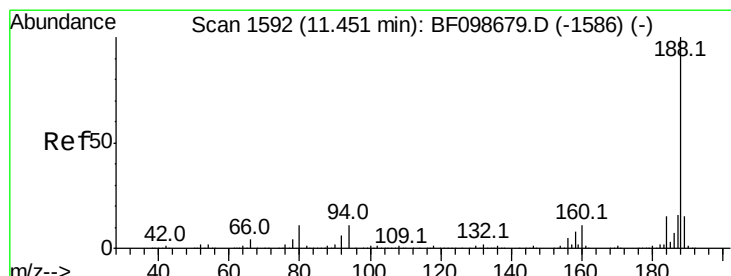
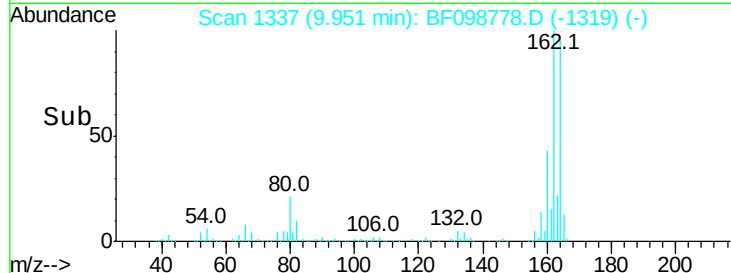
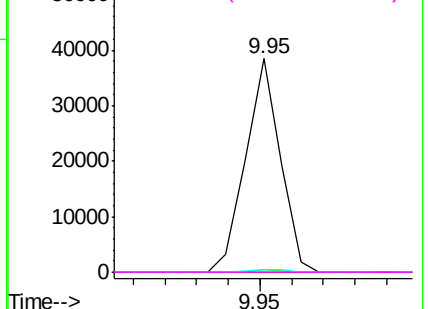


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

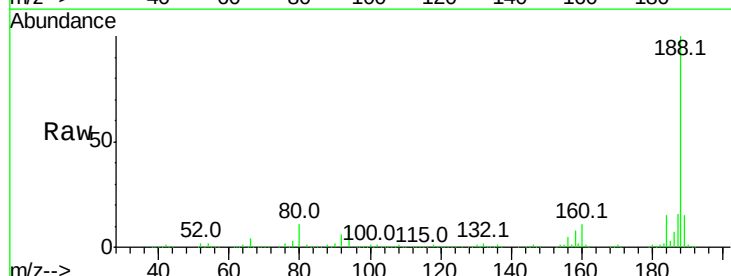
Ion 89.00 (88.70 to 89.70): BF0

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: BF098778.D
 Acq: 25 Sep 2017 12:49

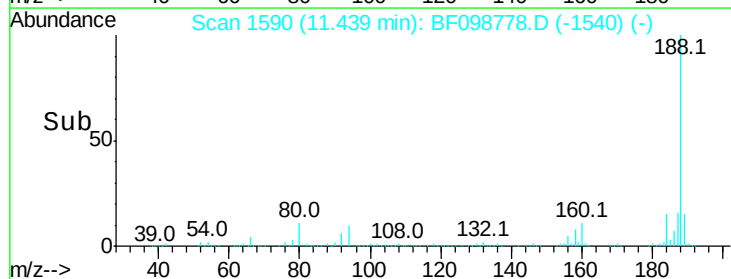
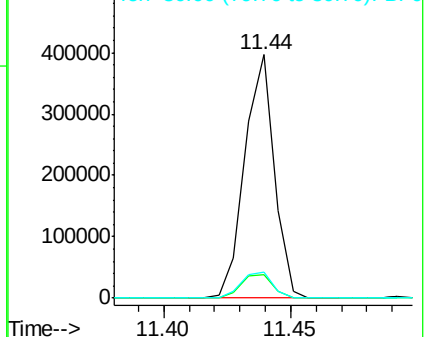
Tgt Ion:188	Resp:	322107
Ion Ratio	Lower	Upper
188 100		
94 9.7	8.5	12.7
80 10.6	9.2	13.8

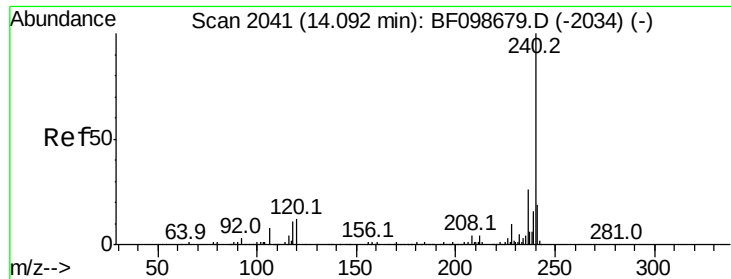


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF098778.D

Acq: 25 Sep 2017 12:49

Instrument :

BNA_F

ClientSampleId :

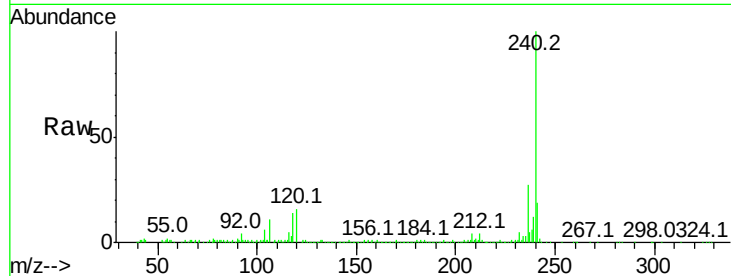
Tot Ion:240 Resp: 294458

Ion Ratio Lower Upper

240 100

120 15.5 9.5 14.3#

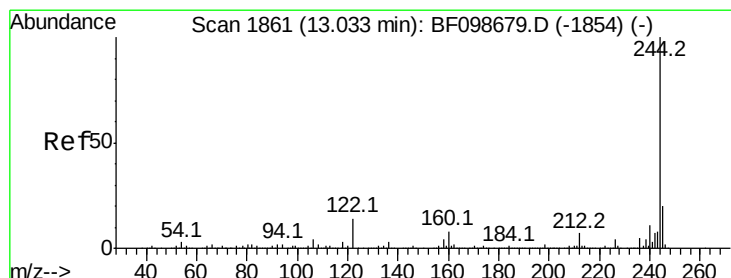
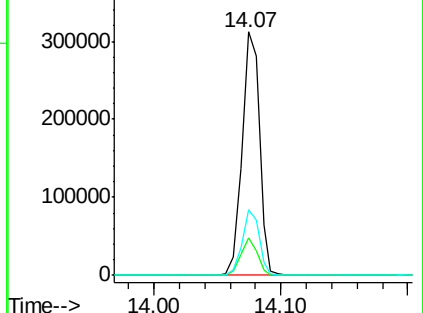
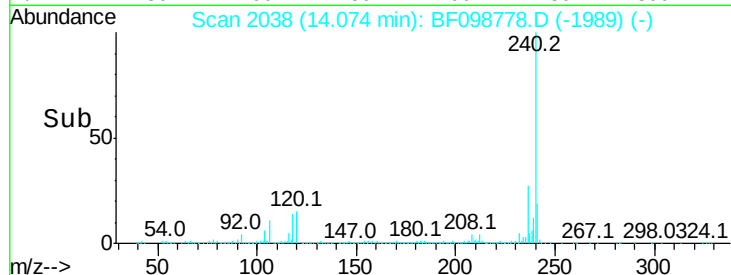
236 26.8 20.7 31.1



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: 24.219 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098778.D

Acq: 25 Sep 2017 12:49

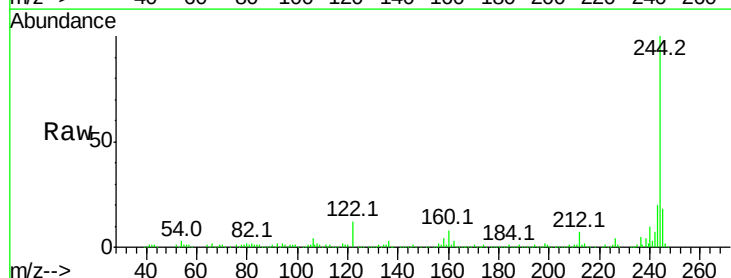
Tgt Ion:244 Resp: 313577

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

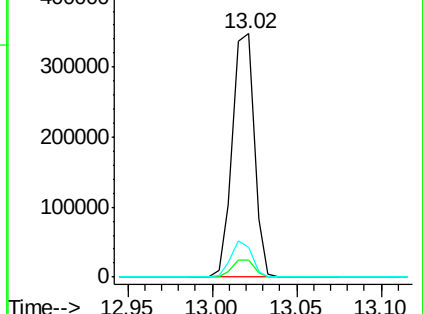
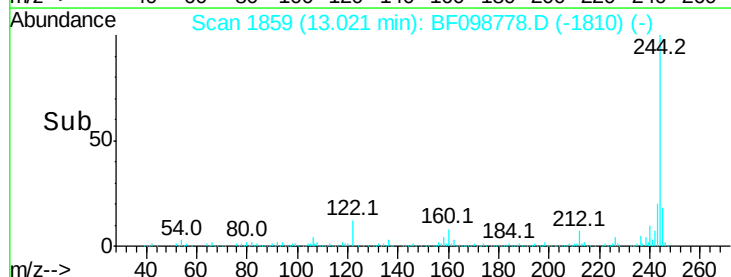
122 12.2 11.0 16.4

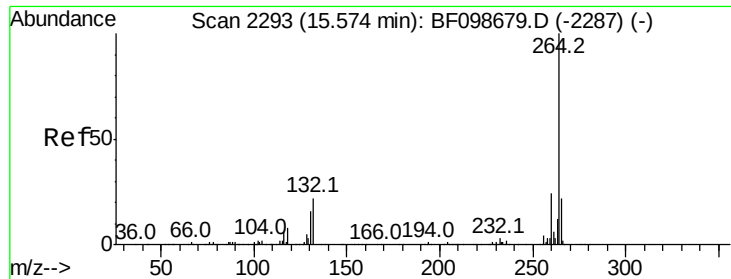


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

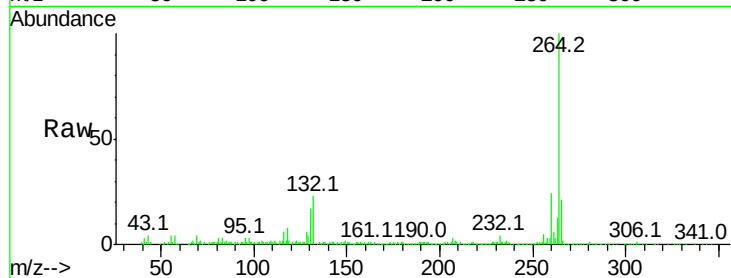




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BF098778.D
 Acq: 25 Sep 2017 12:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.0	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

