

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100617\
 Data File : BF099154.D
 Acq On : 6 Oct 2017 18:24
 Operator : SJ/JU
 Sample : I5571-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 06 22:57:10 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

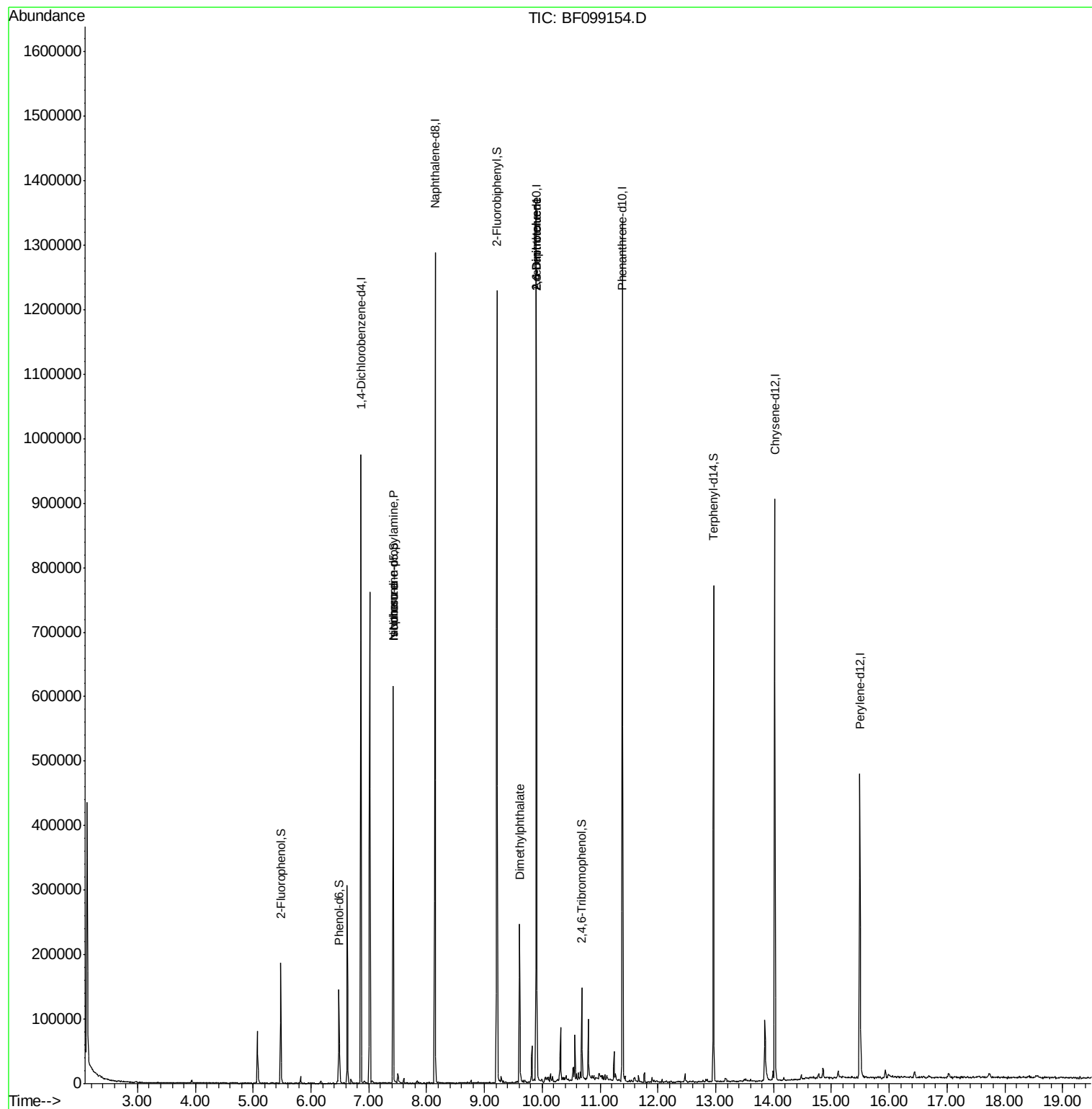
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	137679	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	563383	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	251772	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	441423	20.00	ng	0.00
75) Chrysene-d12	14.02	240	276489	20.00	ng	-0.01
86) Perylene-d12	15.49	264	214627	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	49505	5.72	ng	0.00
7) Phenol-d6	6.48	99	46954	4.40	ng	-0.02
23) Nitrobenzene-d5	7.42	82	177461	20.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	16375	7.95	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	328061	21.75	ng	-0.01
78) Terphenyl-d14	12.96	244	214205	17.62	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	21747	3.19	ng	# 80
25) Isophorone	7.42	82	177492	9.77	ng	# 64
49) Dimethylphthalate	9.61	163	93655	4.93	ng	99
50) 2,6-Dinitrotoluene	9.90	165	31491	7.61	ng	# 26
56) 2,4-Dinitrotoluene	9.90	165	31491	5.87	ng	# 23

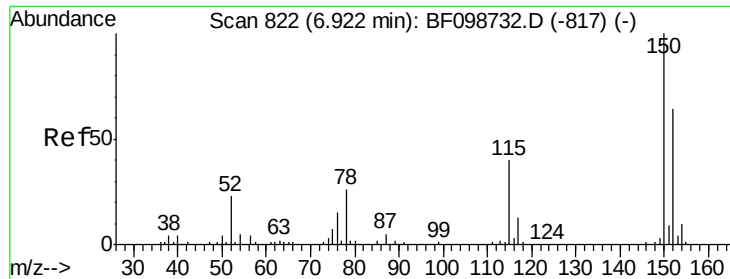
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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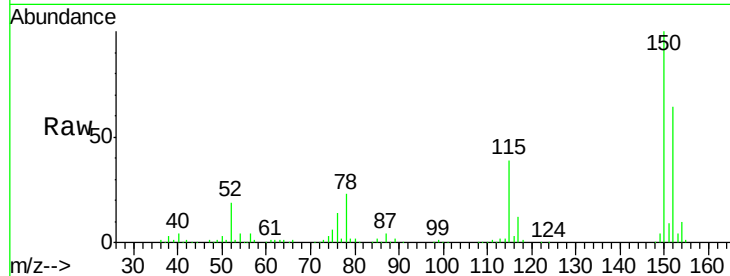


#1

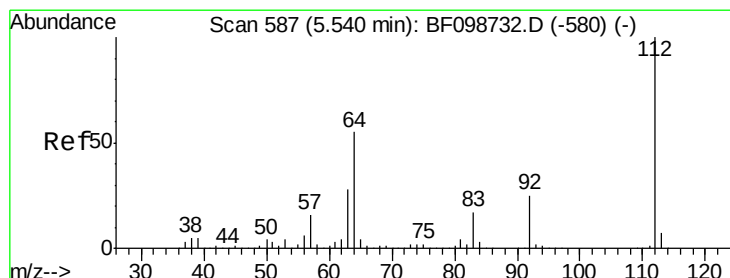
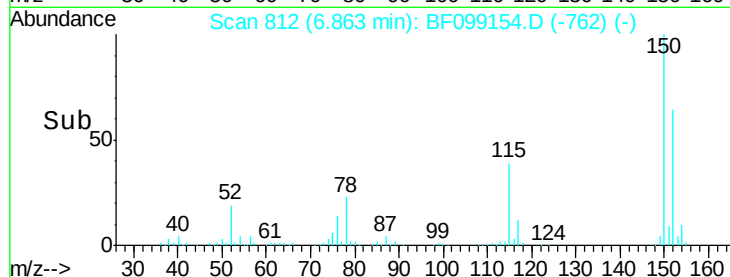
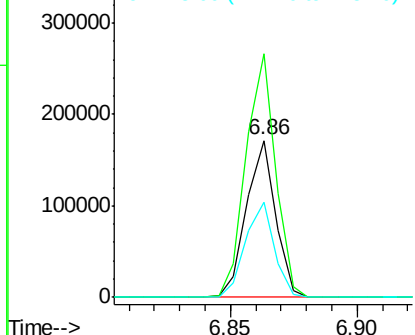
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099154.D
Acq: 6 Oct 2017 18:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 137679
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 60.3 50.1 75.1



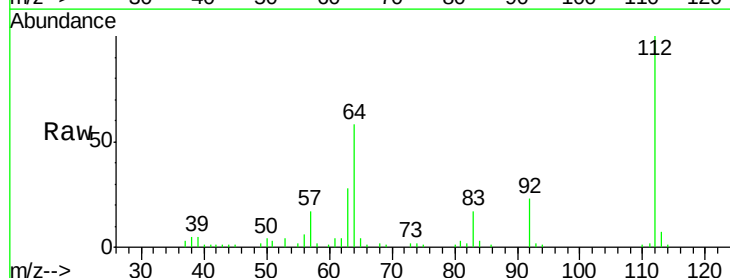
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



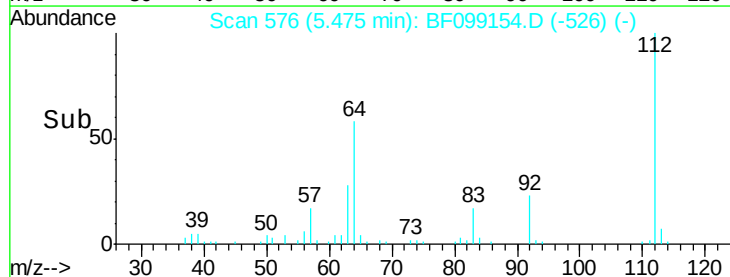
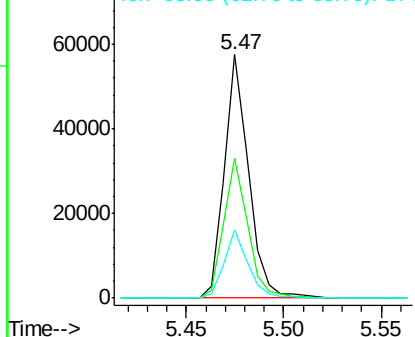
#5

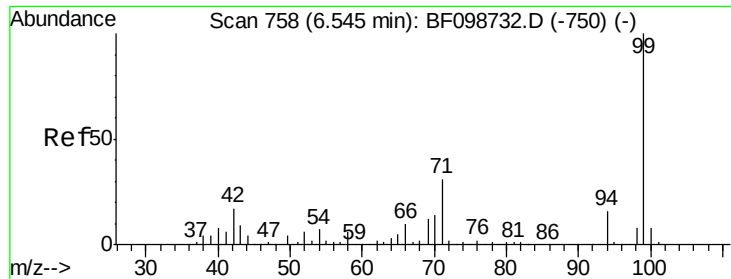
2-Fluorophenol
Concen: 5.72 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF099154.D
Acq: 6 Oct 2017 18:24

Tgt Ion:112 Resp: 49505
Ion Ratio Lower Upper
112 100
64 57.7 47.9 71.9
63 28.1 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: 4.40 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF099154.D

Acq: 6 Oct 2017 18:24

Instrument :

BNA_F

ClientSampleId :

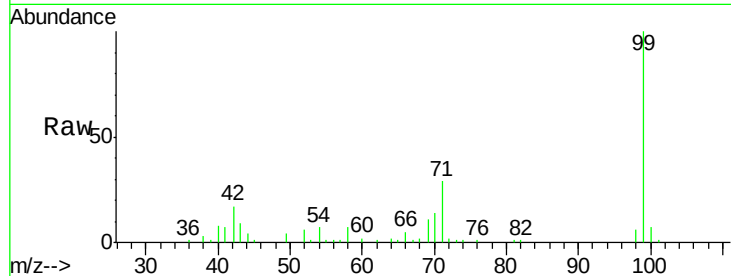
Tot Ion: 99 Resp: 46954

Ion Ratio Lower Upper

99 100

42 16.8 14.5 21.7

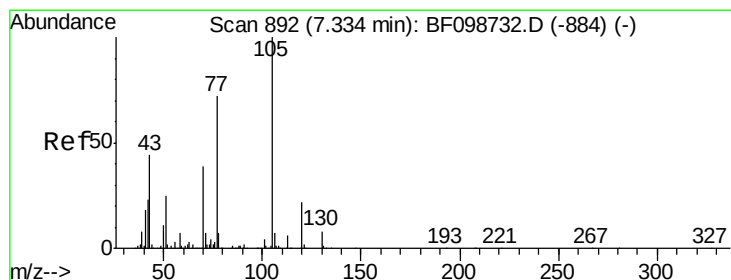
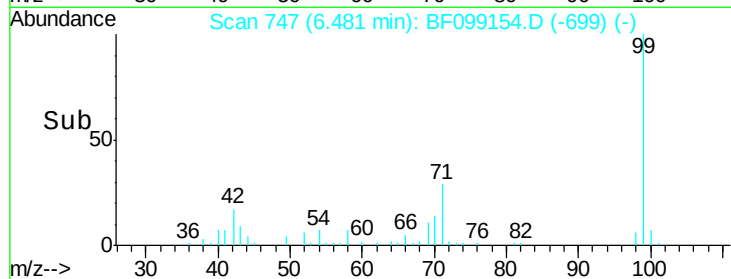
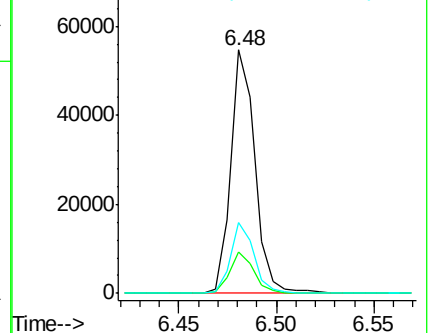
71 29.0 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 3.19 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.14 min

Lab File: BF099154.D

Acq: 6 Oct 2017 18:24

Tgt Ion: 70 Resp: 21747

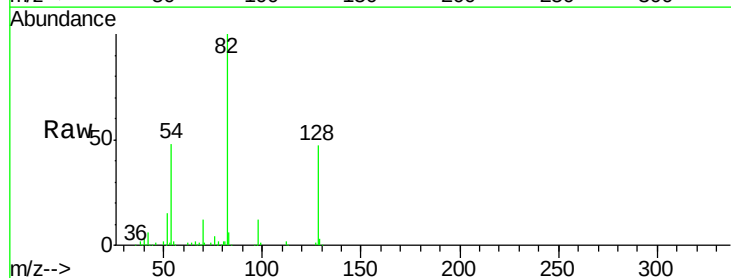
Ion Ratio Lower Upper

70 100

42 49.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

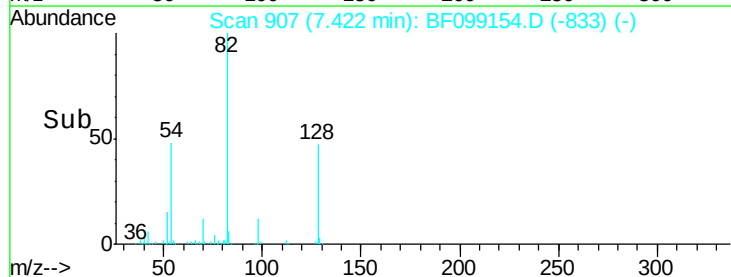
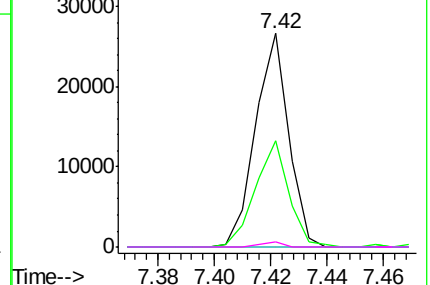


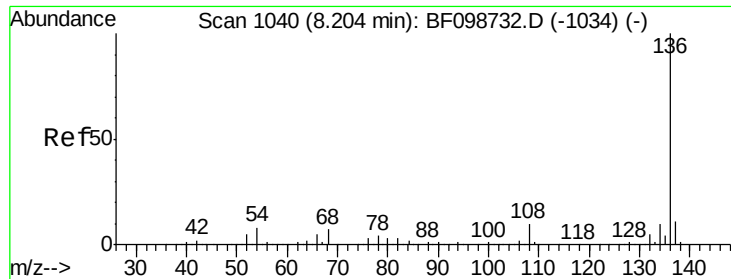
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

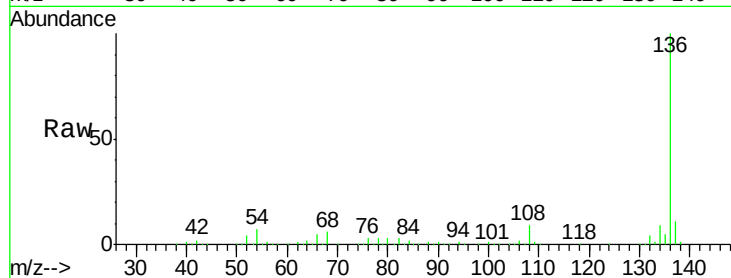




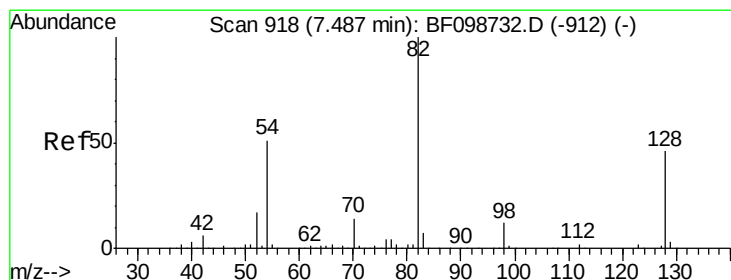
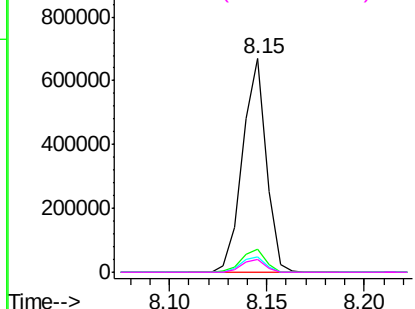
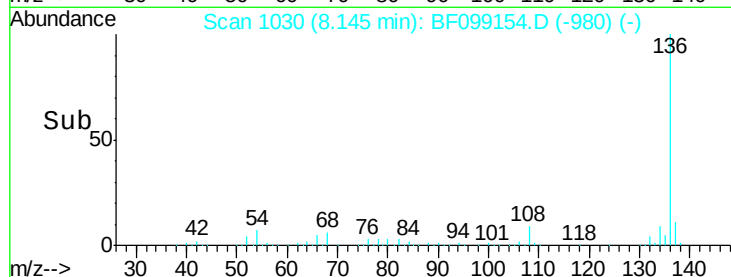
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099154.D
Acq: 6 Oct 2017 18:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	563383
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	7.1	6.6 9.8
68	6.0	5.0 7.4

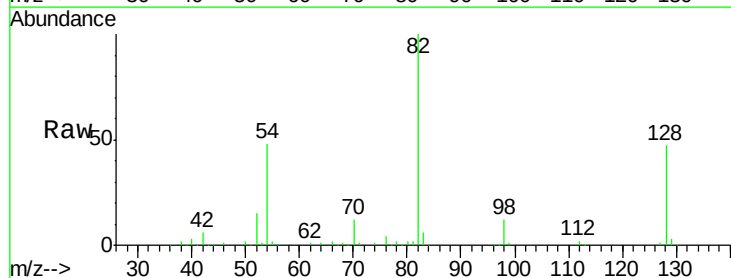


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

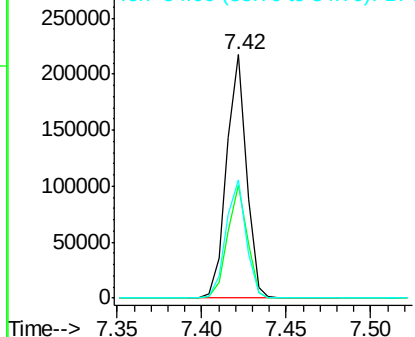
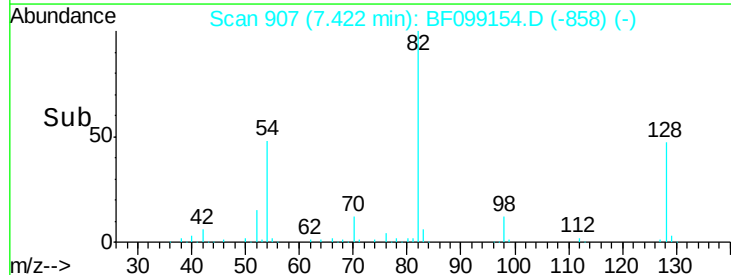


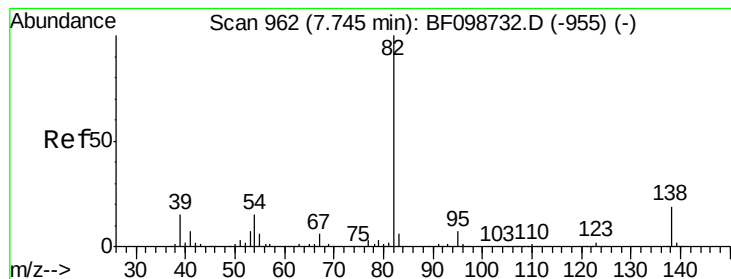
#23
Nitrobenzene-d5
Concen: 20.20 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF099154.D
Acq: 6 Oct 2017 18:24

Tgt Ion: 82	Resp:	177461
Ion Ratio	Lower	Upper
82	100	
128	46.7	36.1 54.1
54	48.4	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: 9.77 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.27 min

Lab File: BF099154.D

Acq: 6 Oct 2017 18:24

Instrument :

BNA_F

ClientSampled :

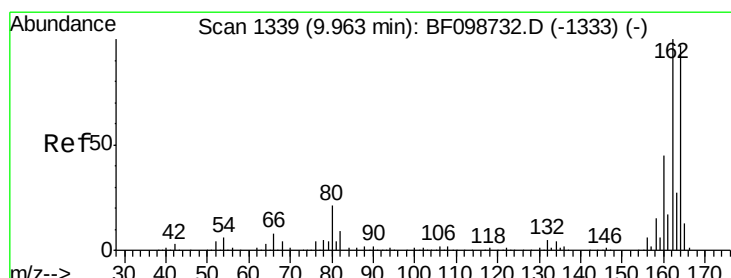
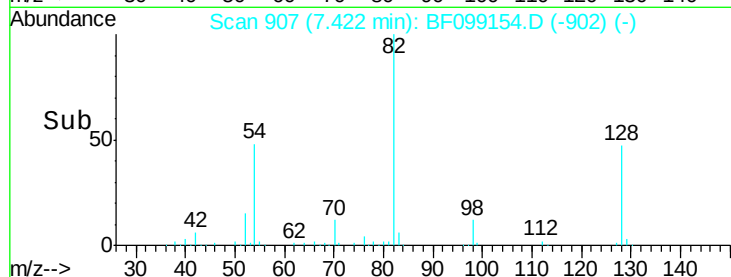
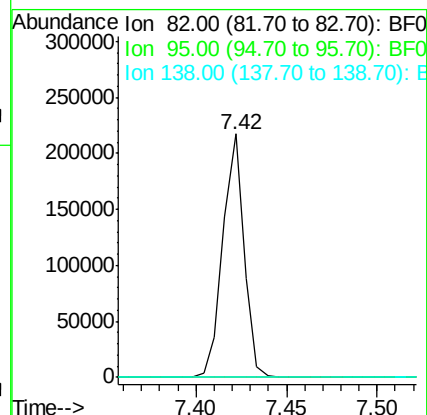
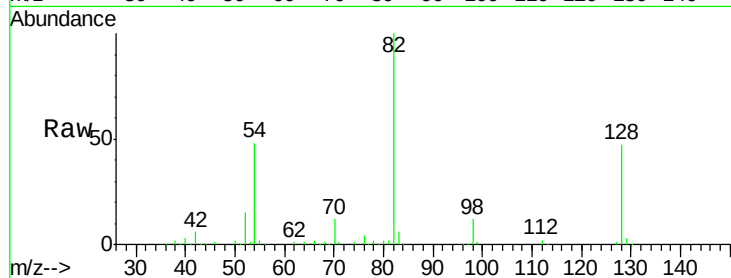
Tot Ion: 82 Resp: 177492

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF099154.D

Acq: 6 Oct 2017 18:24

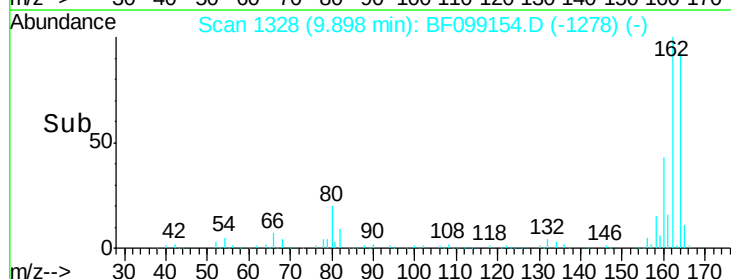
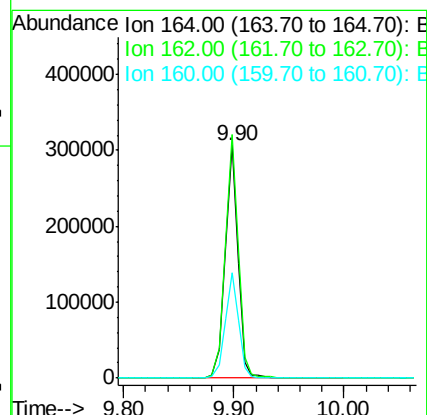
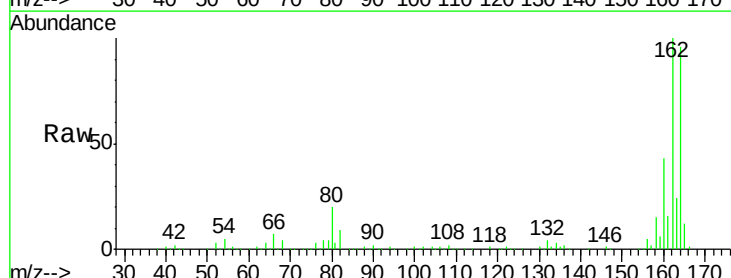
Tgt Ion: 164 Resp: 251772

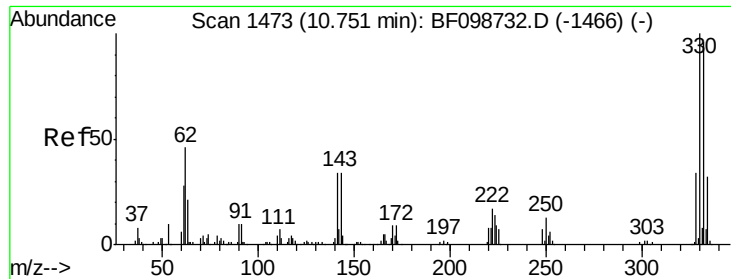
Ion Ratio Lower Upper

164 100

162 104.5 86.1 129.1

160 45.2 38.3 57.5

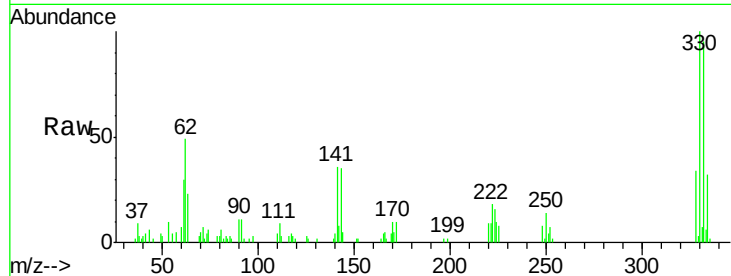




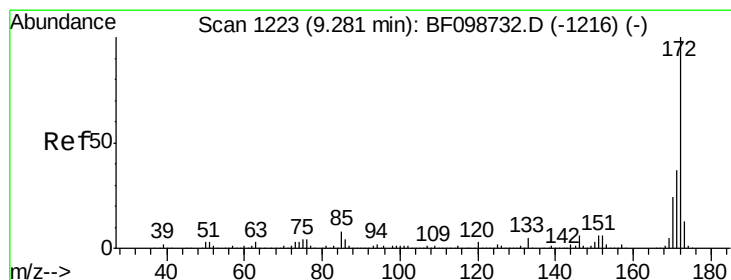
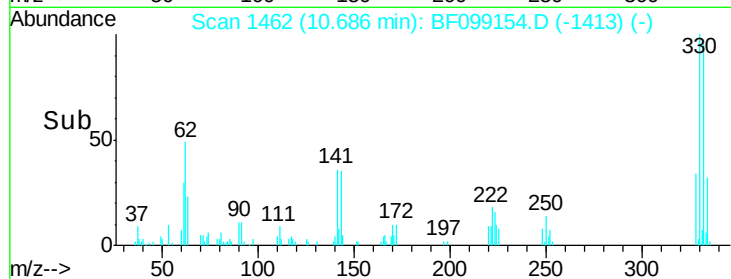
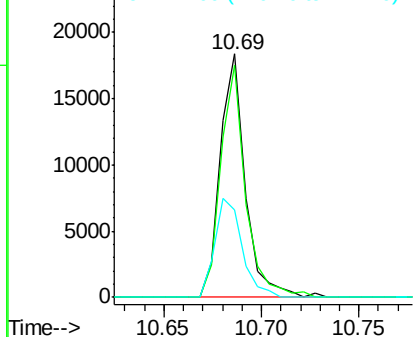
#41
 2,4,6-Tribromophenol
 Concen: 7.95 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF099154.D
 Acq: 6 Oct 2017 18:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	44.1	29.9	44.9

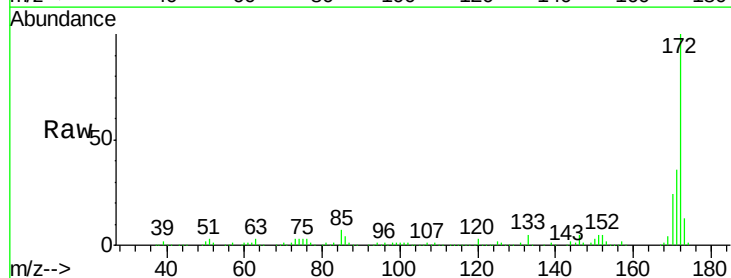


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

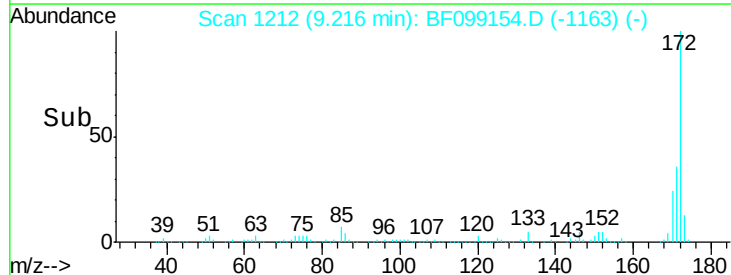
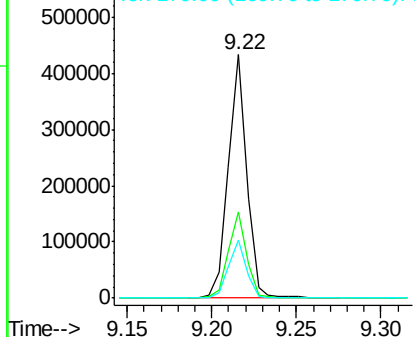


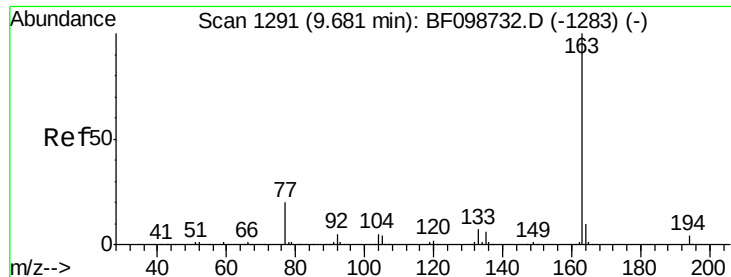
#44
 2-Fluorobiphenyl
 Concen: 21.75 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF099154.D
 Acq: 6 Oct 2017 18:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.9	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

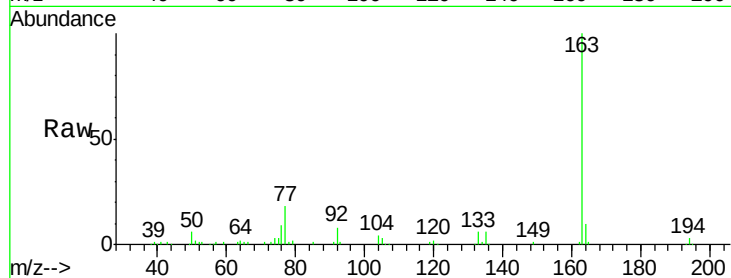




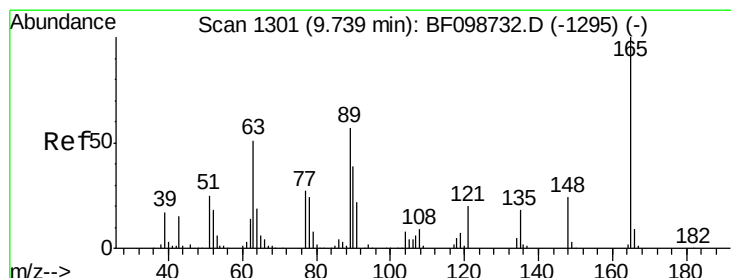
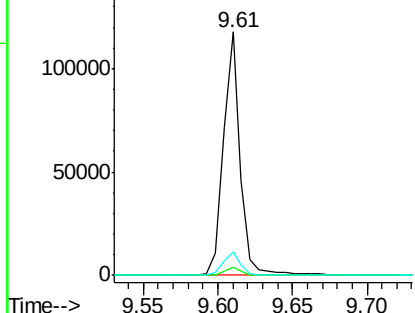
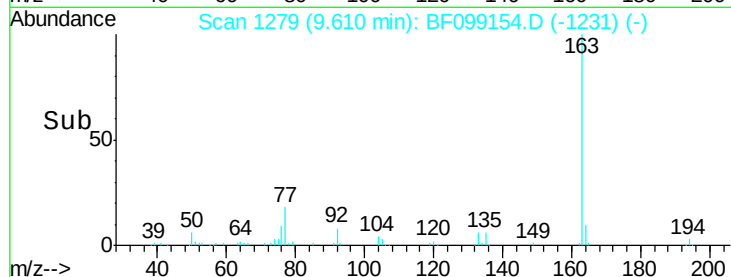
#49
Dimethylphthalate
Concen: 4.93 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099154.D
Acq: 6 Oct 2017 18:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 93655
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 9.7 8.2 12.2

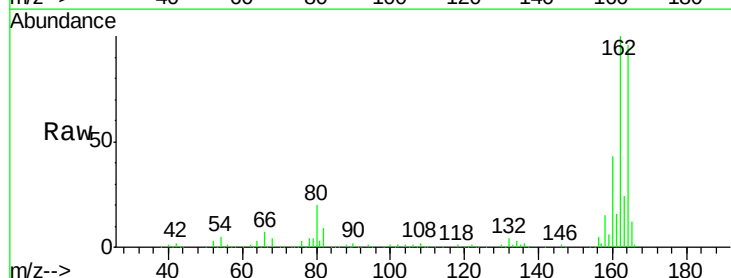


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

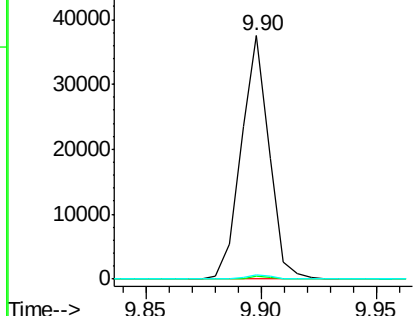
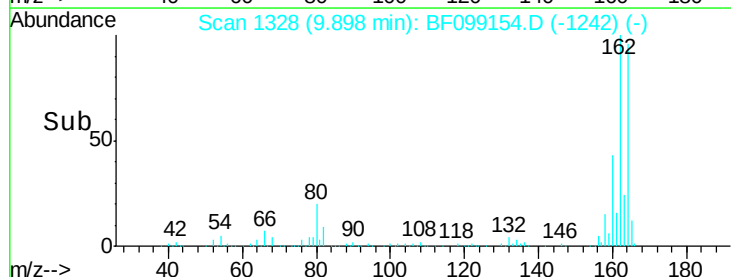


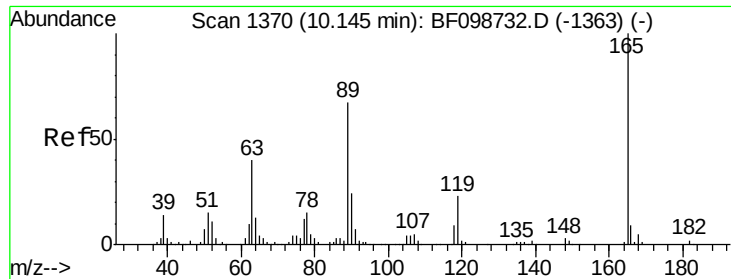
#50
2,6-Dinitrotoluene
Concen: 7.61 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.21 min
Lab File: BF099154.D
Acq: 6 Oct 2017 18:24

Tgt Ion:165 Resp: 31491
Ion Ratio Lower Upper
165 100
63 1.1 44.7 67.1#
89 1.7 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

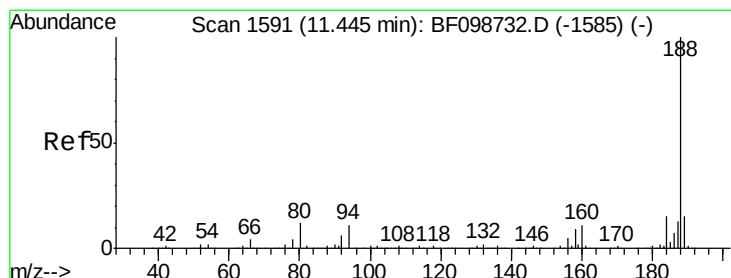
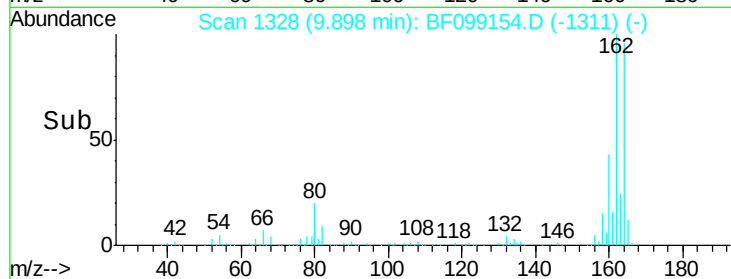
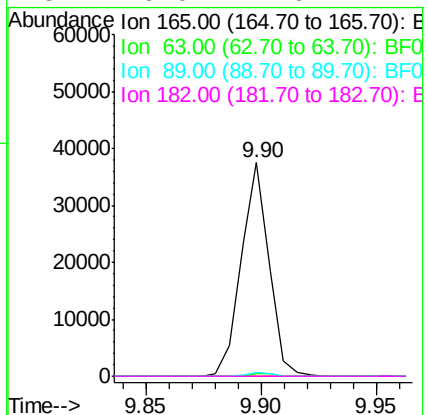
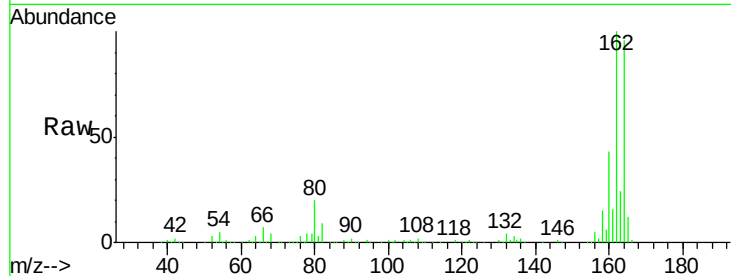




#56
 2,4-Dinitrotoluene
 Concen: 5.87 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099154.D
 Acq: 6 Oct 2017 18:24

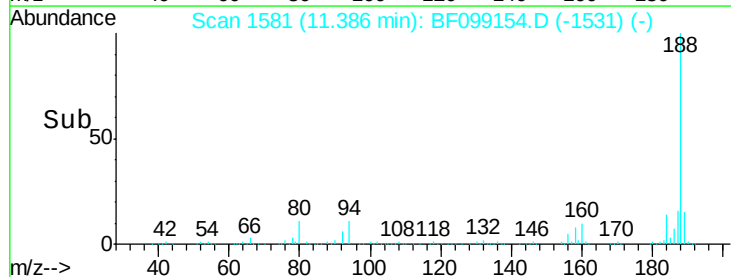
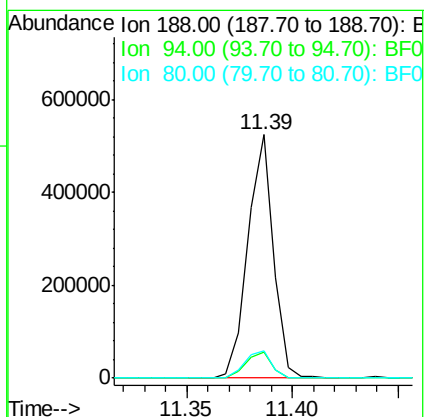
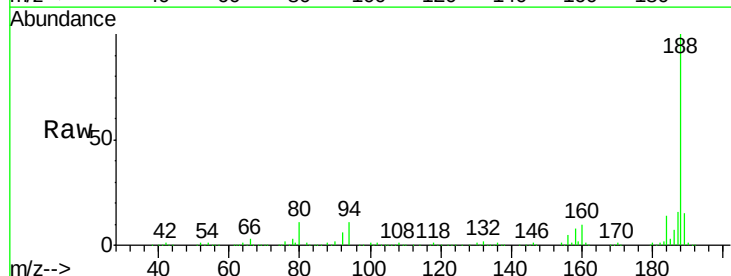
Instrument :
 BNA_F
 ClientSampled :

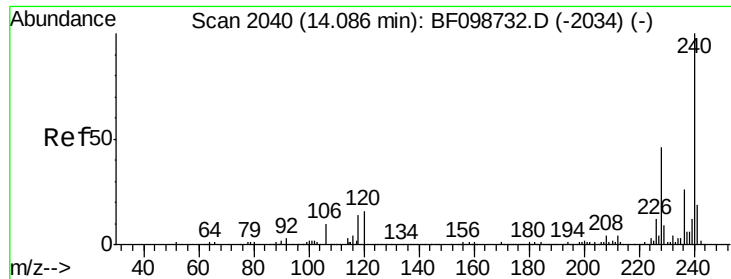
Tot Ion:165	Resp:	31491
Ion Ratio	Lower	Upper
165	100	
63	1.1	36.4 54.6#
89	1.7	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099154.D
 Acq: 6 Oct 2017 18:24

Tgt Ion:188	Resp:	441423
Ion Ratio	Lower	Upper
188	100	
94	10.7	8.5 12.7
80	11.2	9.2 13.8

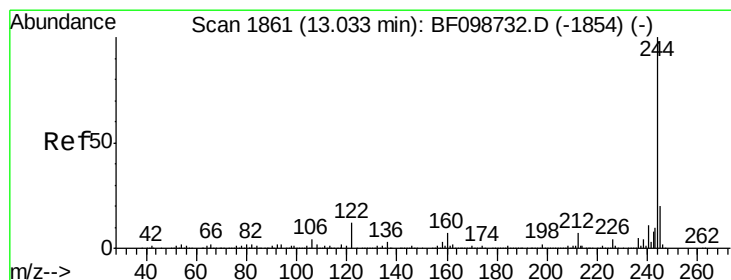
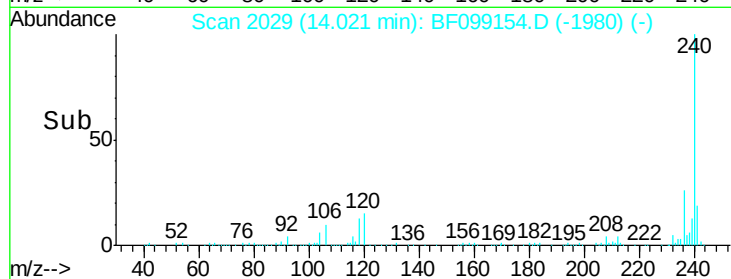
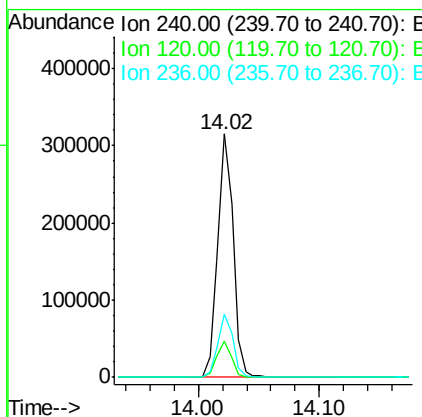
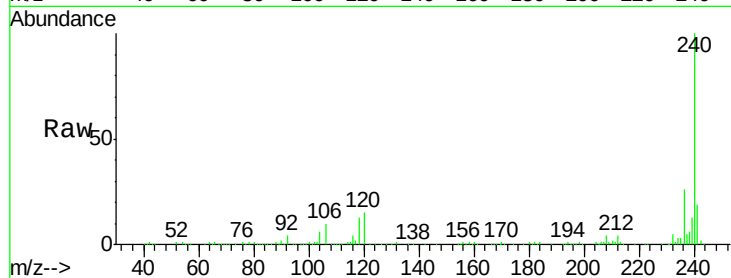




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF099154.D
 Acq: 6 Oct 2017 18:24

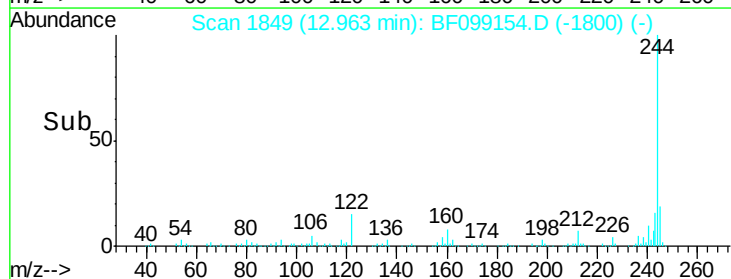
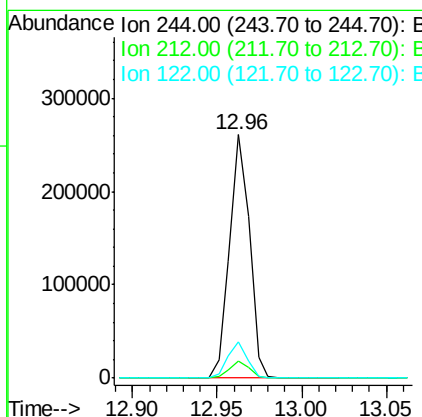
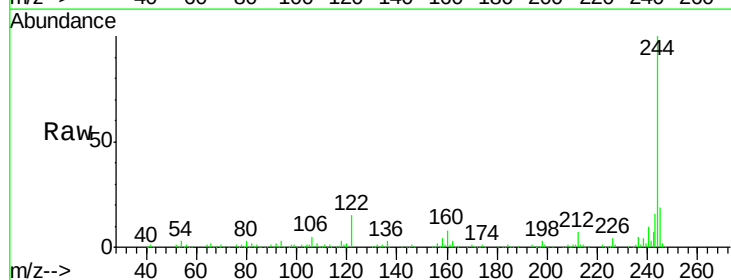
Instrument :
 BNA_F
 ClientSampleId :

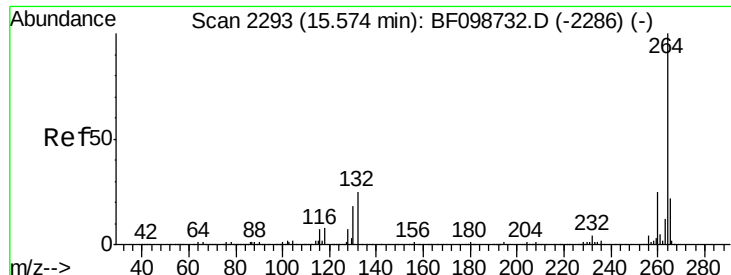
Tot Ion:240 Resp: 276489
 Ion Ratio Lower Upper
 240 100
 120 15.0 9.5 14.3#
 236 25.8 20.7 31.1



#78
 Terphenyl-d14
 Concen: 17.62 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF099154.D
 Acq: 6 Oct 2017 18:24

Tgt Ion:244 Resp: 214205
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 15.0 11.0 16.4

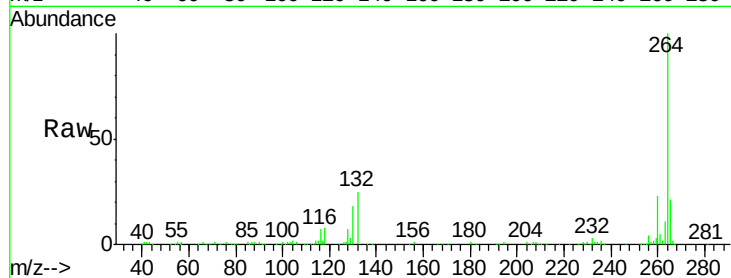




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF099154.D
Acq: 6 Oct 2017 18:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.7	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

