

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100617\
 Data File : BF099158.D
 Acq On : 6 Oct 2017 20:15
 Operator : SJ/JU
 Sample : I5571-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 06 22:58:48 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

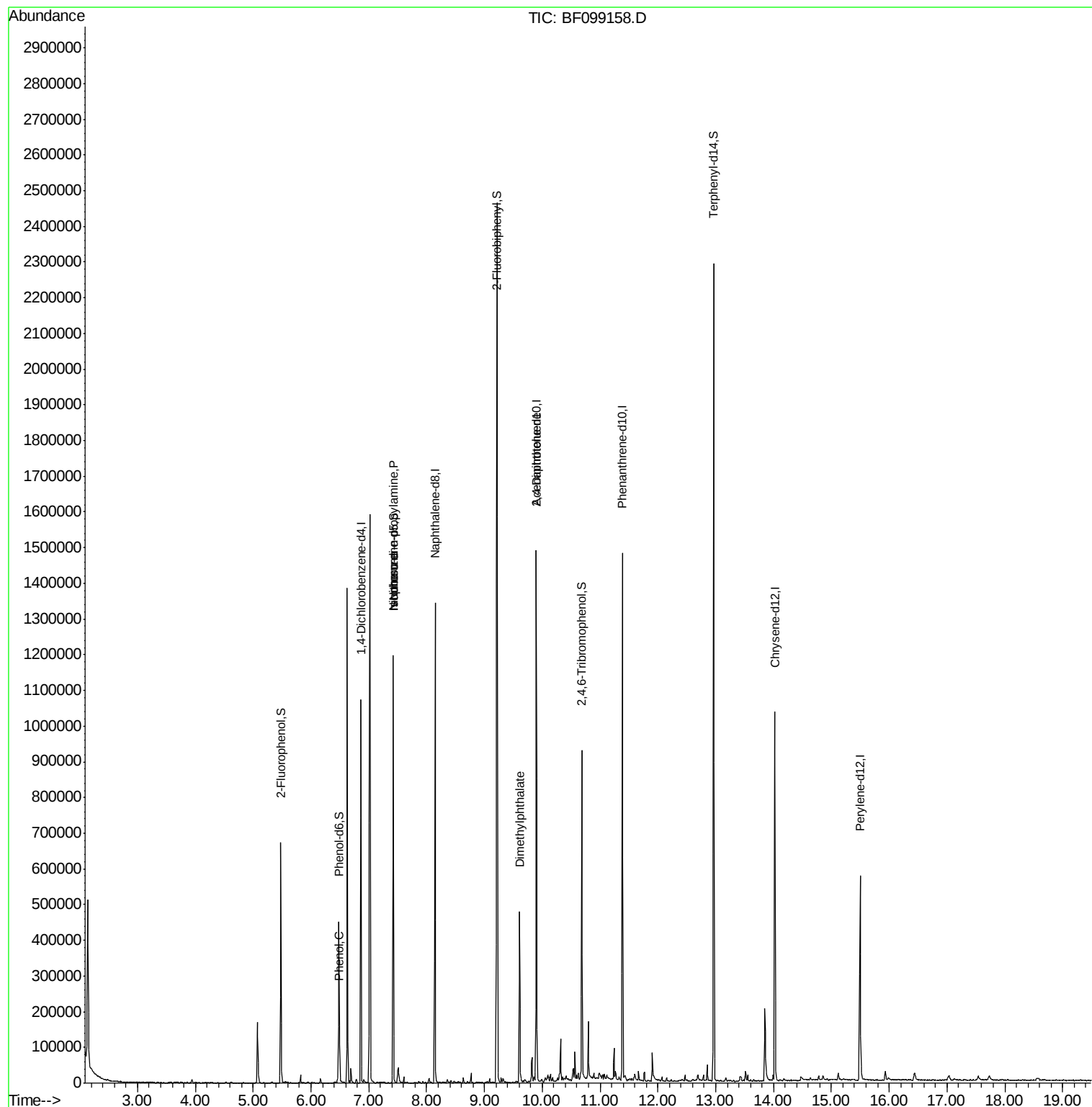
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	146763	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	605858	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	274383	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	490984	20.00	ng	0.00
75) Chrysene-d12	14.02	240	344777	20.00	ng	-0.01
86) Perylene-d12	15.50	264	249093	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	191107	20.73	ng	0.00
7) Phenol-d6	6.48	99	147359	12.96	ng	-0.02
23) Nitrobenzene-d5	7.42	82	398962	42.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	99035	44.11	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	748821	45.56	ng	-0.01
78) Terphenyl-d14	12.97	244	685798	45.24	ng	0.00
Target Compounds						
10) Phenol	6.50	94	28618	2.25	ng	Qvalue 97
19) n-Nitroso-di-n-propylamine	7.42	70	51541	7.10	ng	# 75
25) Isophorone	7.42	82	398958	20.43	ng	# 64
49) Dimethylphthalate	9.61	163	176054	8.50	ng	100
56) 2,4-Dinitrotoluene	9.90	165	35119	6.00	ng	# 23

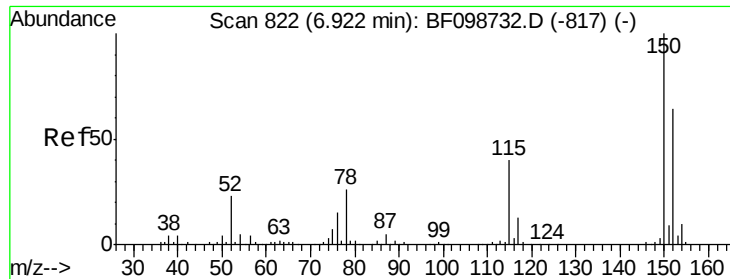
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF099158.D

Acq: 6 Oct 2017 20:15

Instrument :

BNA_F

ClientSampleId :

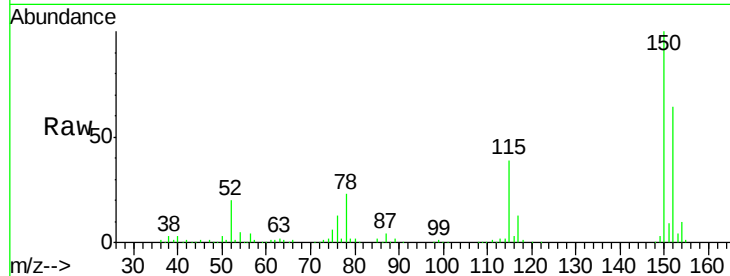
Tot Ion:152 Resp: 146763

Ion Ratio Lower Upper

152 100

150 156.5 124.6 186.8

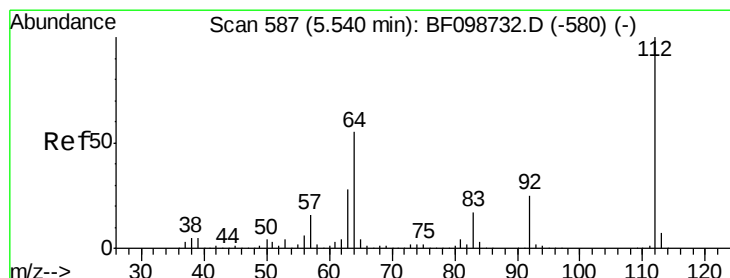
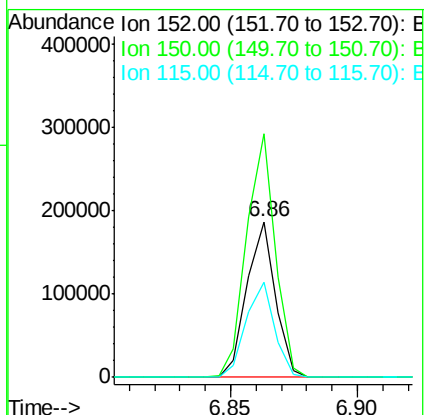
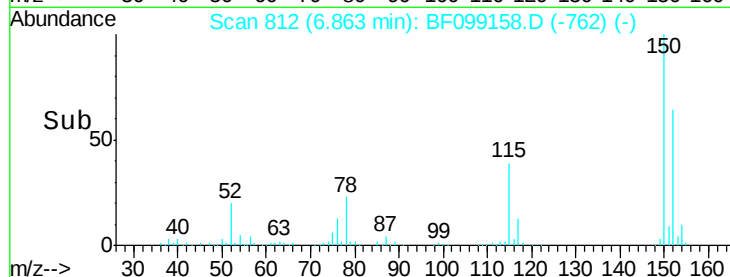
115 60.8 50.1 75.1



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: 20.73 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF099158.D

Acq: 6 Oct 2017 20:15

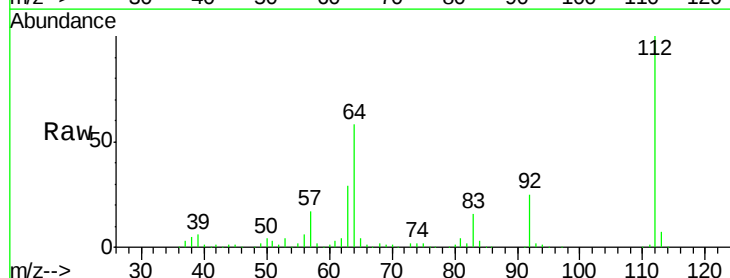
Tgt Ion:112 Resp: 191107

Ion Ratio Lower Upper

112 100

64 58.0 47.9 71.9

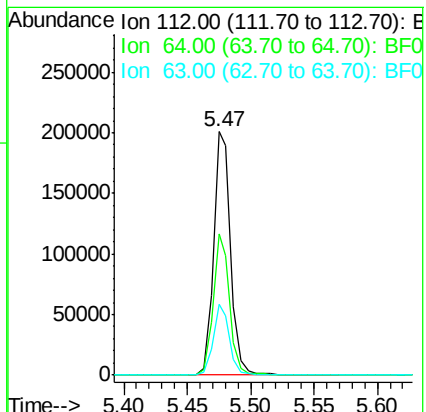
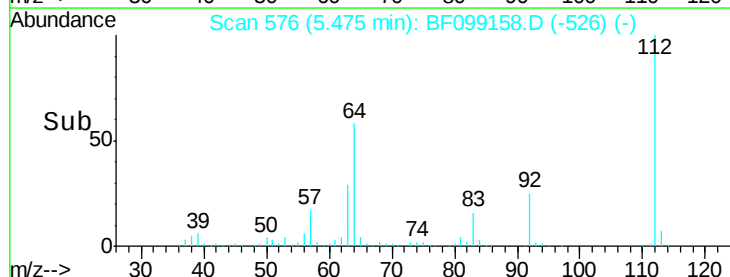
63 29.0 23.7 35.5

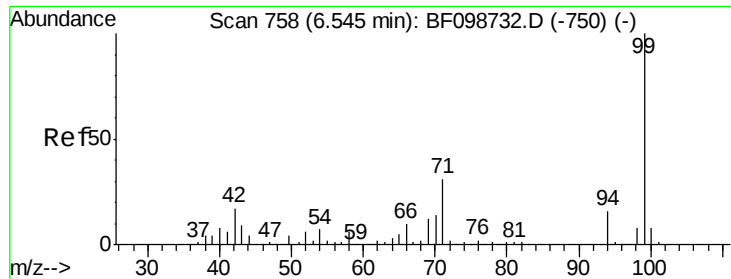


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 12.96 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF099158.D

Acq: 6 Oct 2017 20:15

Instrument :

BNA_F

ClientSampleId :

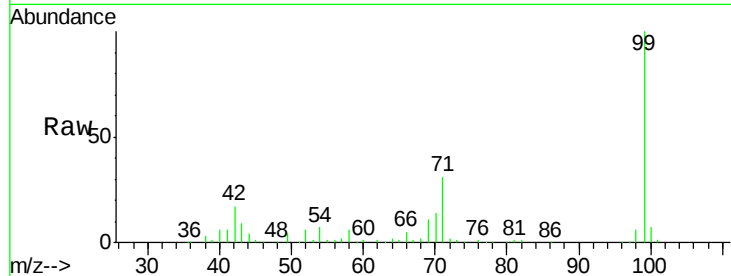
Tot Ion: 99 Resp: 147359

Ion Ratio Lower Upper

99 100

42 16.9 14.5 21.7

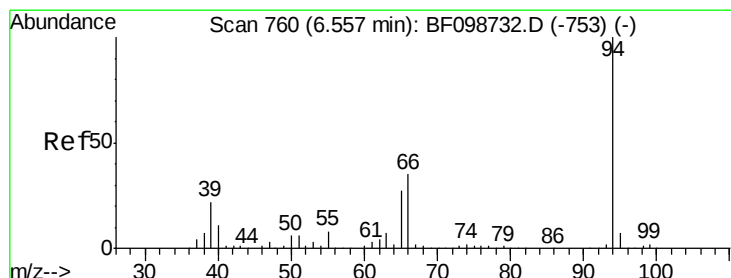
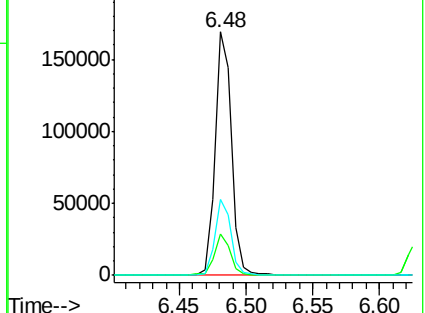
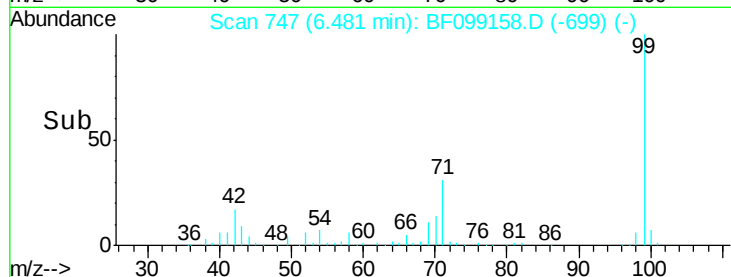
71 31.1 25.4 38.0



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



#10

Phenol

Concen: 2.25 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF099158.D

Acq: 6 Oct 2017 20:15

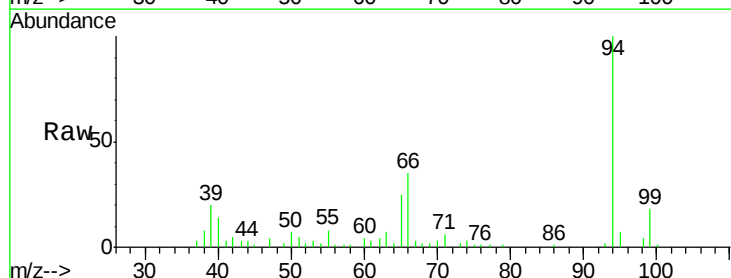
Tgt Ion: 94 Resp: 28618

Ion Ratio Lower Upper

94 100

65 25.3 7.9 47.9

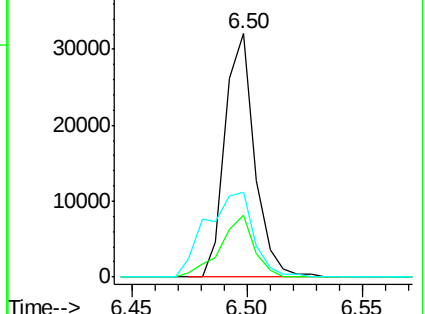
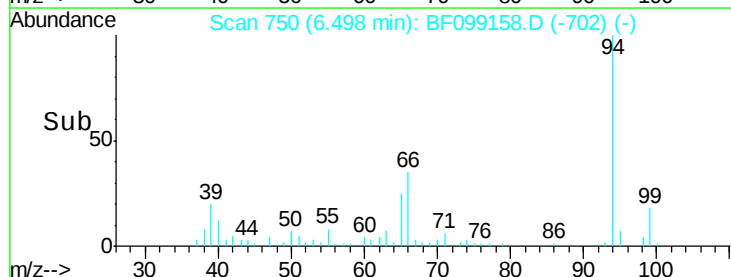
66 35.0 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

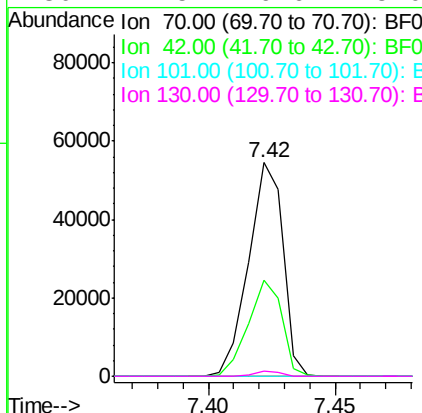
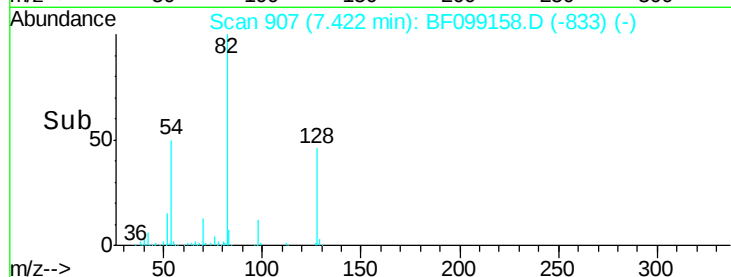
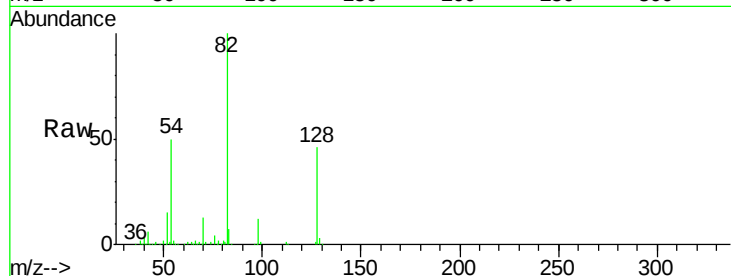




#19
n-Nitroso-di-n-propylamine
Concen: 7.10 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.14 min
Lab File: BF099158.D
Acq: 6 Oct 2017 20:15

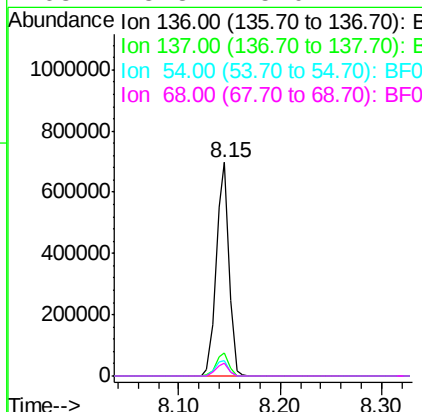
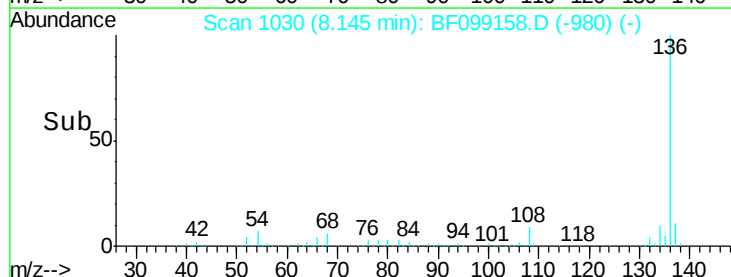
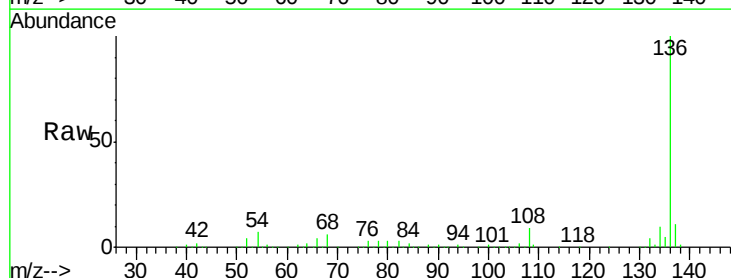
Instrument :
BNA_F
ClientSampleId :

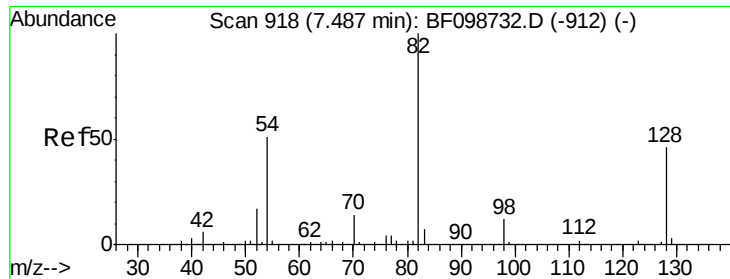
Tot Ion: 70 Resp: 51541
Ion Ratio Lower Upper
70 100
42 44.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099158.D
Acq: 6 Oct 2017 20:15

Tgt Ion: 136 Resp: 605858
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.2 6.6 9.8
68 5.8 5.0 7.4

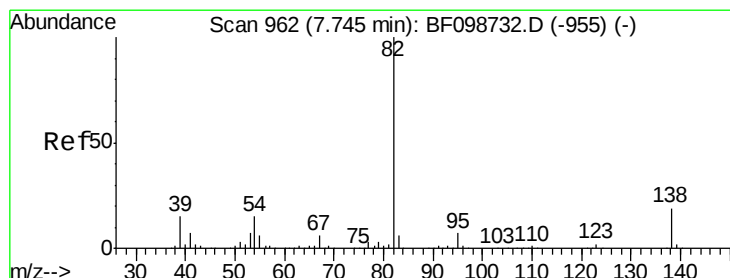
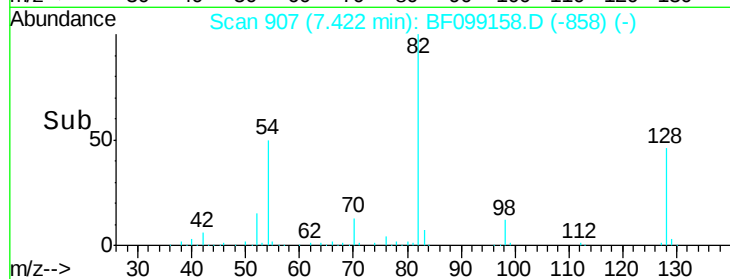
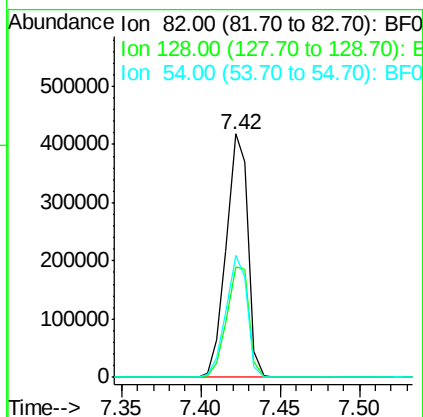
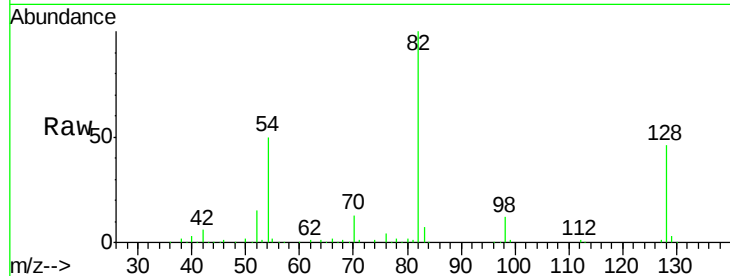




#23
 Nitrobenzene-d5
 Concen: 42.23 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF099158.D
 Acq: 6 Oct 2017 20:15

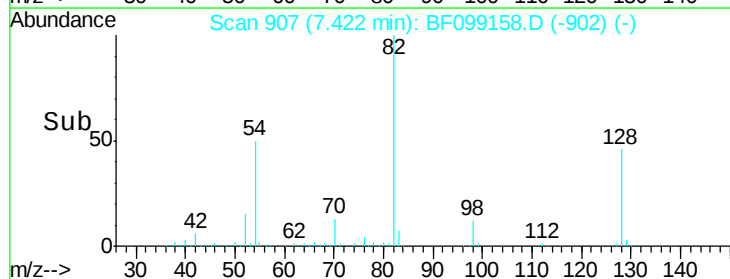
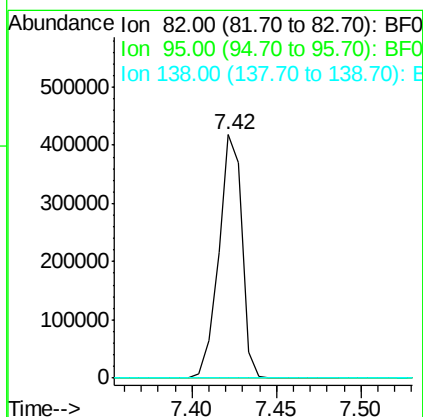
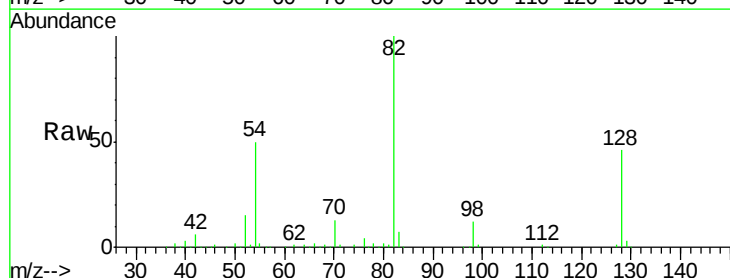
Instrument :
 BNA_F
 ClientSampleId :

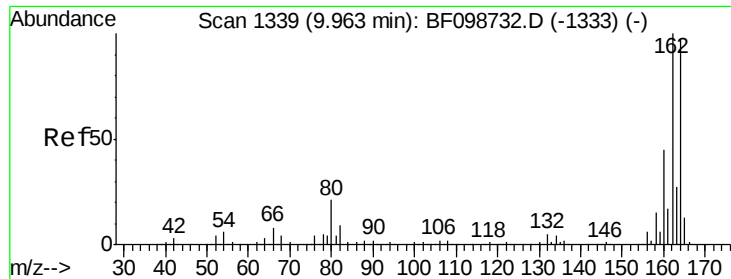
Tot Ion: 82 Resp: 398962
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.1 54.1
 54 50.2 41.4 62.2



#25
 Isophorone
 Concen: 20.43 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.27 min
 Lab File: BF099158.D
 Acq: 6 Oct 2017 20:15

Tgt Ion: 82 Resp: 398958
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

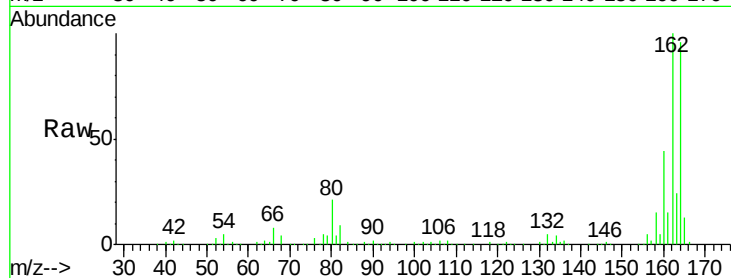




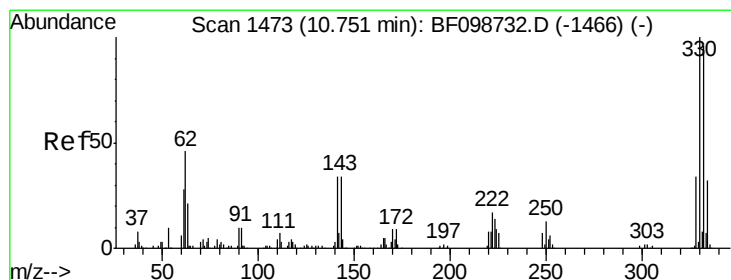
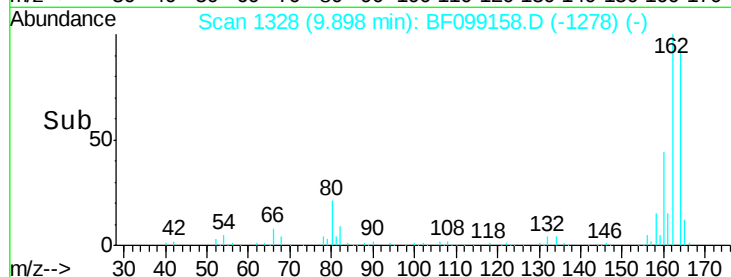
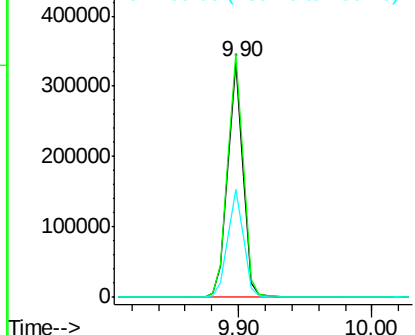
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099158.D
Acq: 6 Oct 2017 20:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 274383
Ion Ratio Lower Upper
164 100
162 103.7 86.1 129.1
160 45.9 38.3 57.5

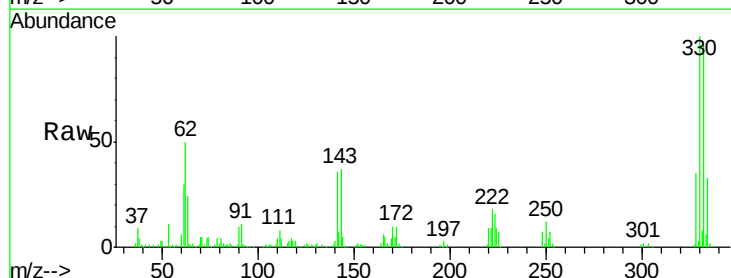


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

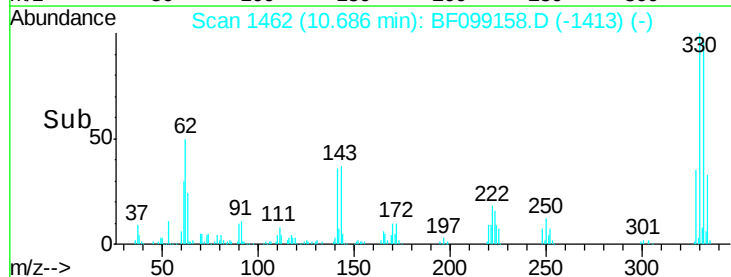
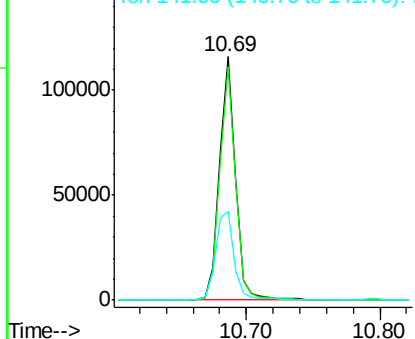


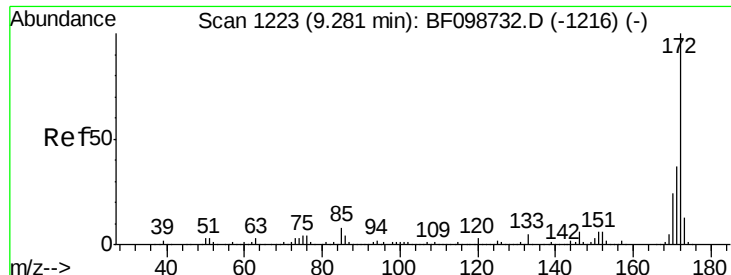
#41
2,4,6-Tribromophenol
Concen: 44.11 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF099158.D
Acq: 6 Oct 2017 20:15

Tgt Ion:330 Resp: 99035
Ion Ratio Lower Upper
330 100
332 95.2 77.0 115.6
141 41.6 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

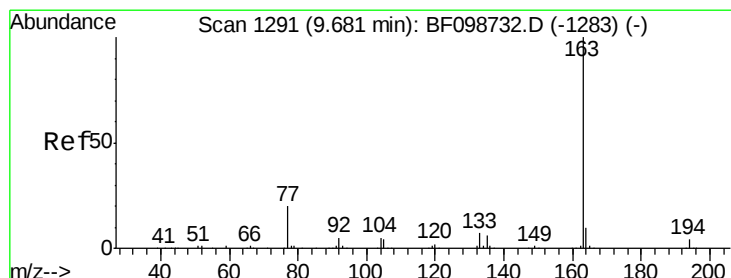
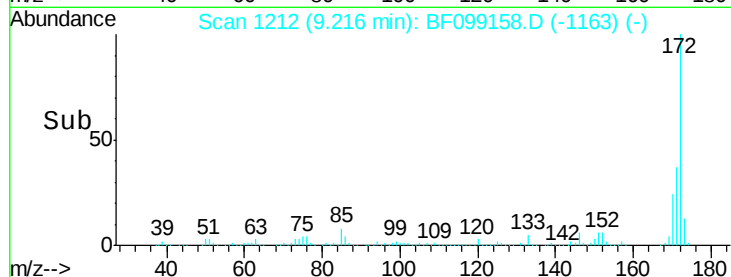
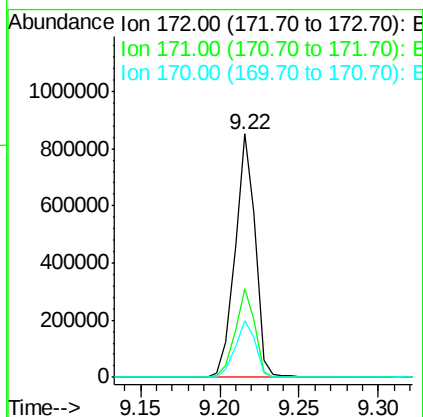
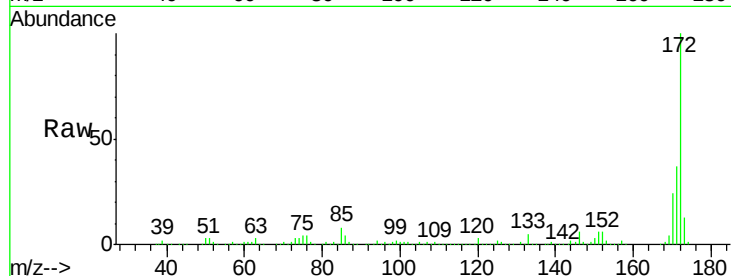




#44
2-Fluorobiphenyl
Concen: 45.56 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF099158.D
Acq: 6 Oct 2017 20:15

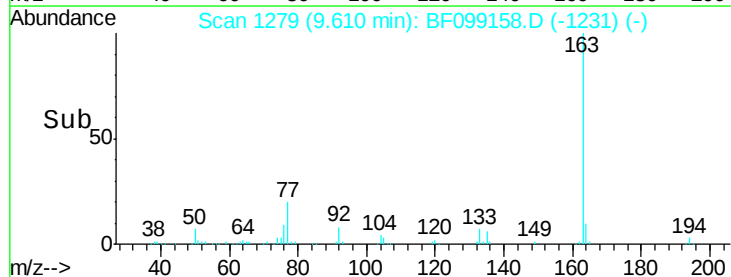
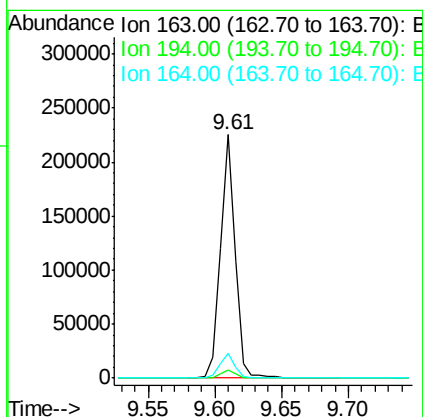
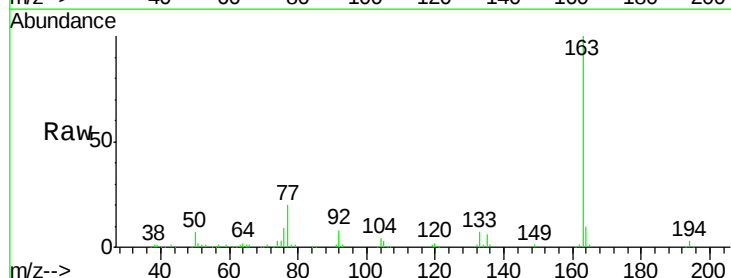
Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 748821
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 23.5 19.6 29.4



#49
Dimethylphthalate
Concen: 8.50 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099158.D
Acq: 6 Oct 2017 20:15

Tgt Ion:163 Resp: 176054
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.4 8.2 12.2

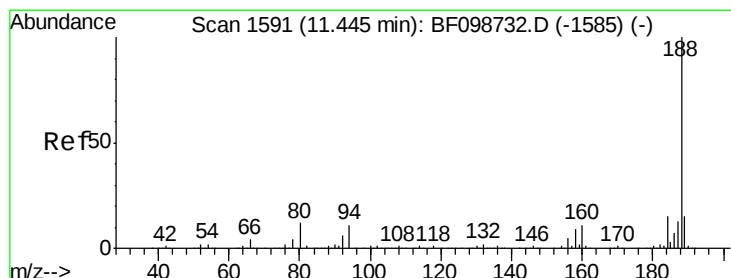
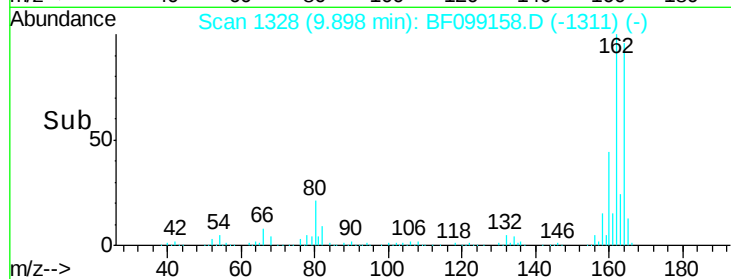
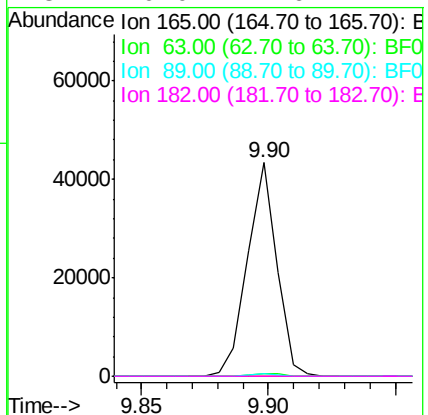
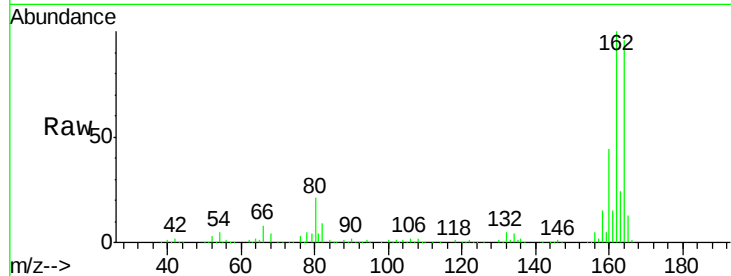




#56
 2,4-Dinitrotoluene
 Concen: 6.00 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099158.D
 Acq: 6 Oct 2017 20:15

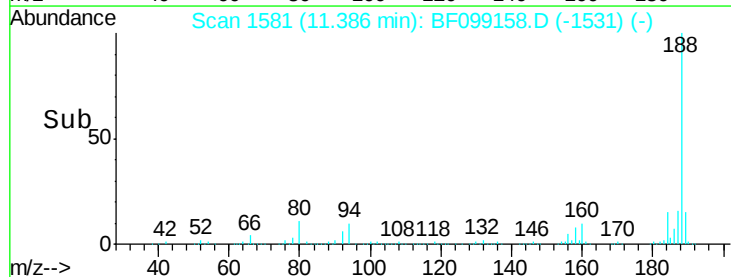
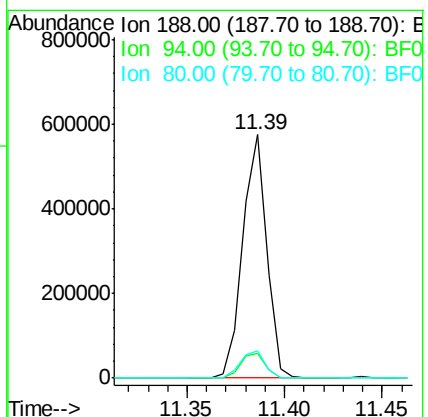
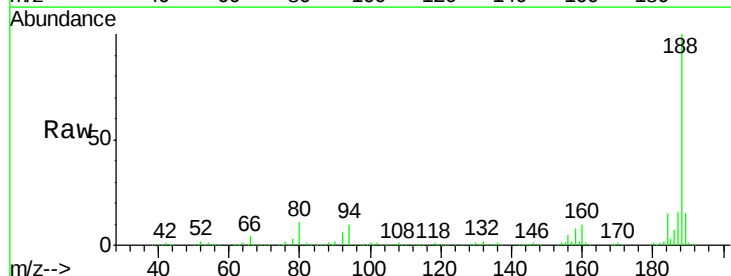
Instrument :
 BNA_F
 ClientSampleId :

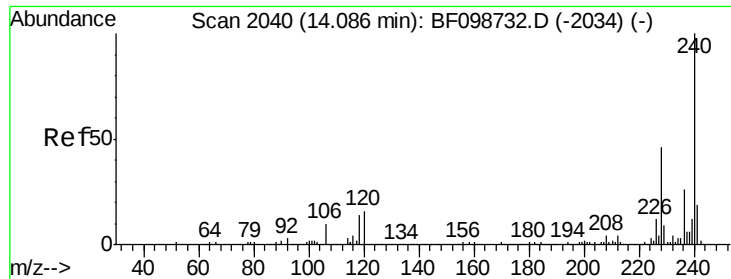
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099158.D
 Acq: 6 Oct 2017 20:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.5	9.2	13.8

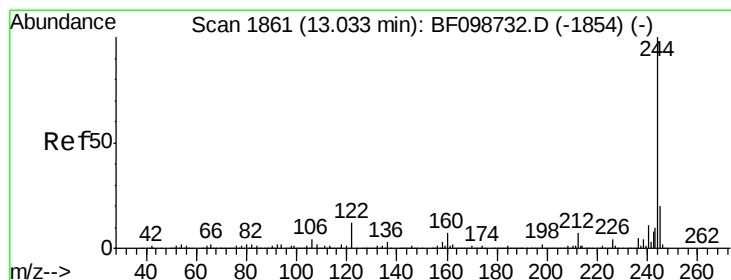
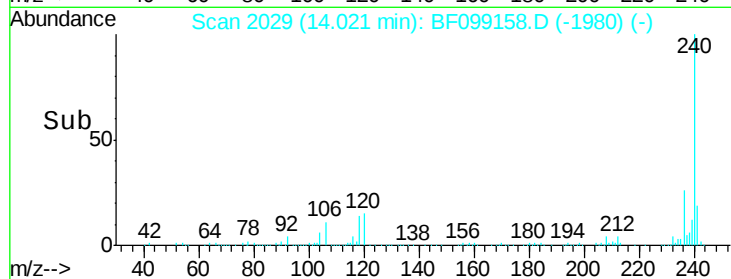
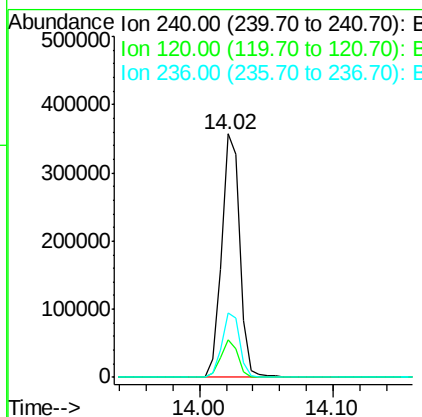
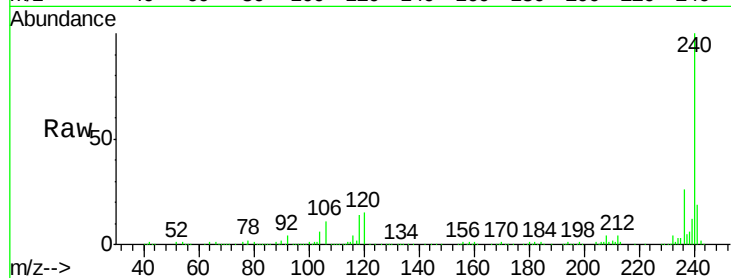




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF099158.D
 Acq: 6 Oct 2017 20:15

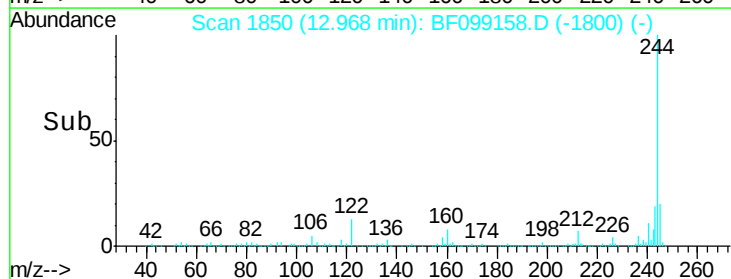
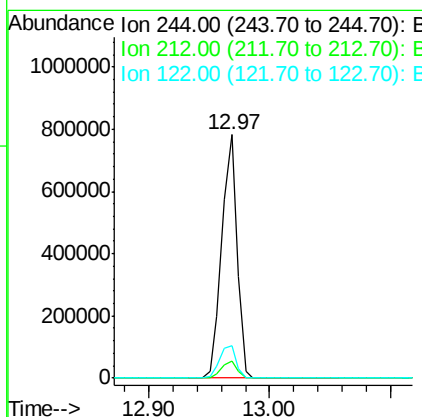
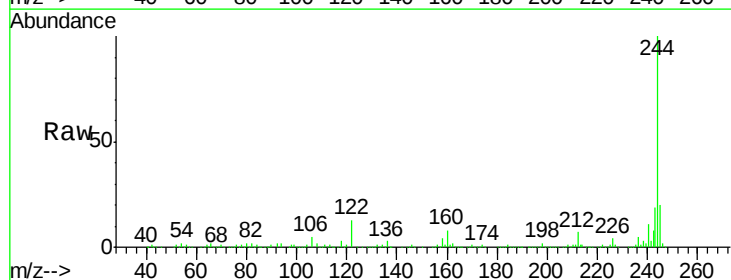
Instrument :
 BNA_F
 ClientSampleId :

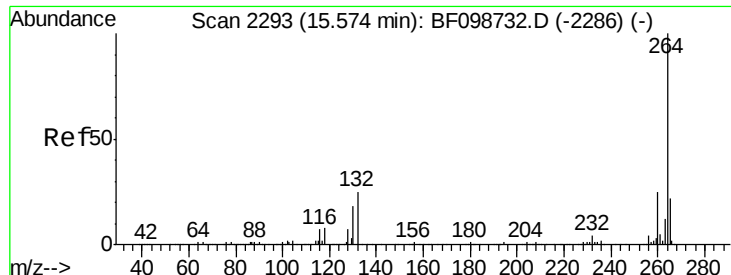
Tot Ion:240 Resp: 344777
 Ion Ratio Lower Upper
 240 100
 120 15.5 9.5 14.3#
 236 26.3 20.7 31.1



#78
 Terphenyl-d14
 Concen: 45.24 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF099158.D
 Acq: 6 Oct 2017 20:15

Tgt Ion:244 Resp: 685798
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.3 11.0 16.4

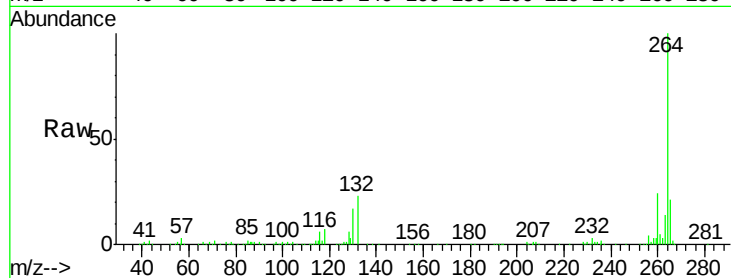




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF099158.D
Acq: 6 Oct 2017 20:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	20.9	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

