

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
 Data File : BF099106.D
 Acq On : 5 Oct 2017 16:34
 Operator : SJ/JU
 Sample : I5610-27
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 05 17:16:48 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 09:04:50 2017
 Response via : Initial Calibration

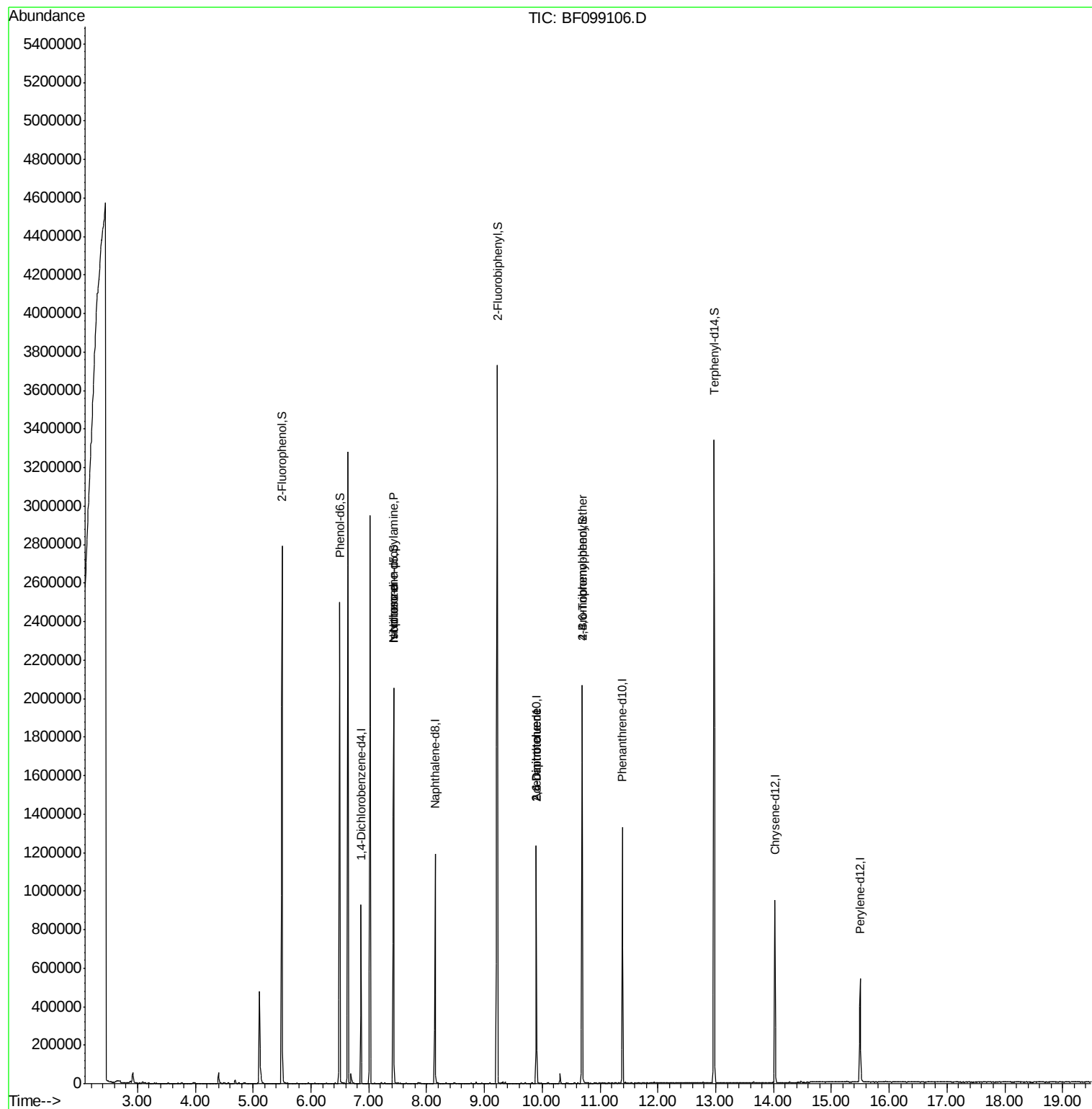
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	126936	20.00	ng	-0.06
21) Naphthalene-d8	8.15	136	525002	20.00	ng	-0.06
38) Acenaphthene-d10	9.90	164	240249	20.00	ng	-0.06
63) Phenanthrene-d10	11.39	188	428192	20.00	ng	-0.06
75) Chrysene-d12	14.03	240	317105	20.00	ng	-0.06
86) Perylene-d12	15.50	264	230658	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	895374	112.29	ng	-0.04
7) Phenol-d6	6.50	99	918965	93.42	ng	-0.05
23) Nitrobenzene-d5	7.43	82	762634	93.16	ng	-0.06
41) 2,4,6-Tribromophenol	10.69	330	260698	132.61	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	1309911	91.02	ng	-0.06
78) Terphenyl-d14	12.97	244	1184738	84.97	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	98967	15.758	ng	# 77
25) Isophorone	7.43	82	758053	44.787	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	30509	7.728	ng	# 26
56) 2,4-Dinitrotoluene	9.90	165	30509	5.955	ng	# 24
66) 4-Bromophenyl-phenylether	10.69	248	18010	4.297	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
Data File : BF099106.D
Acq On : 5 Oct 2017 16:34
Operator : SJ/JU
Sample : I5610-27
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 05 17:16:48 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 09:04:50 2017
Response via : Initial Calibration



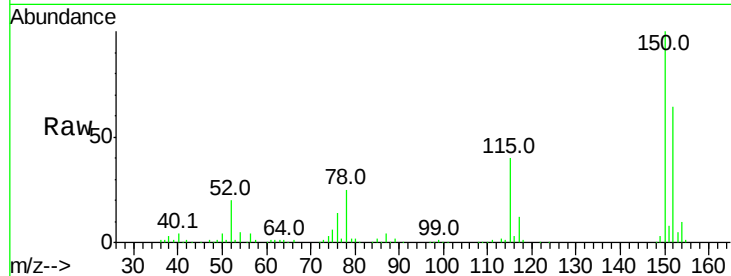


#1

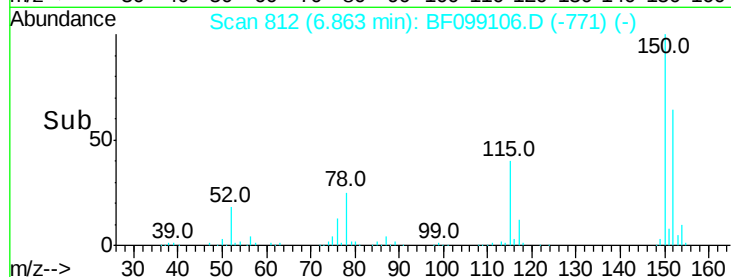
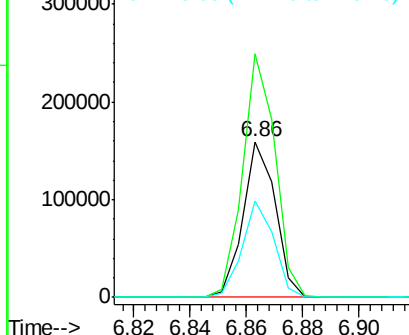
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.06 min
 Lab File: BF099106.D
 Acq: 5 Oct 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	61.8	50.1	75.1



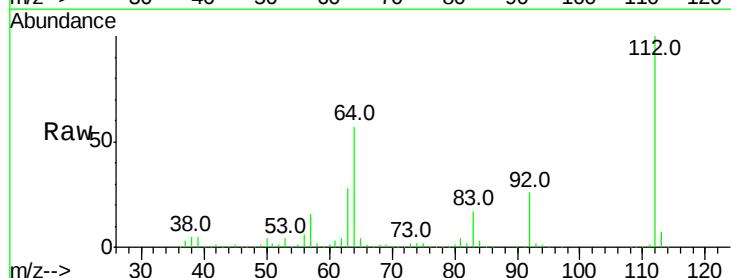
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



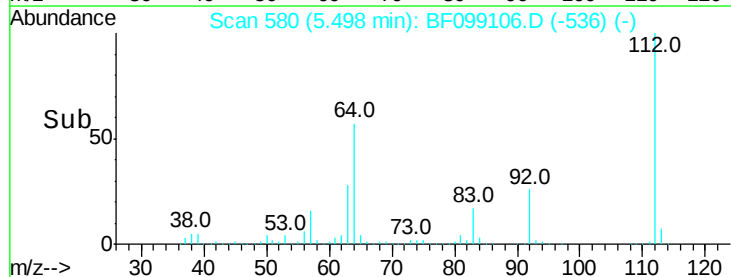
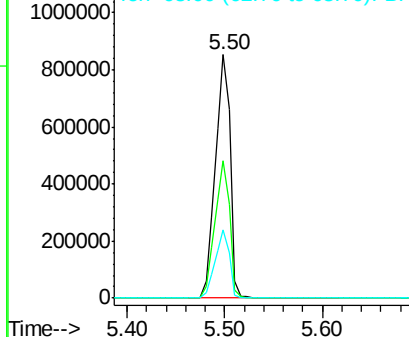
#5

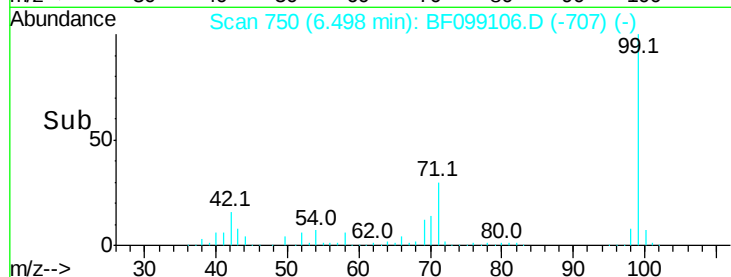
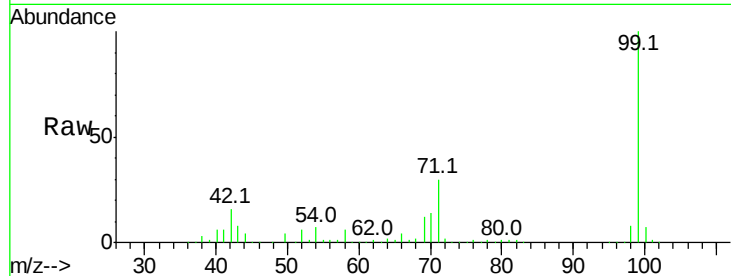
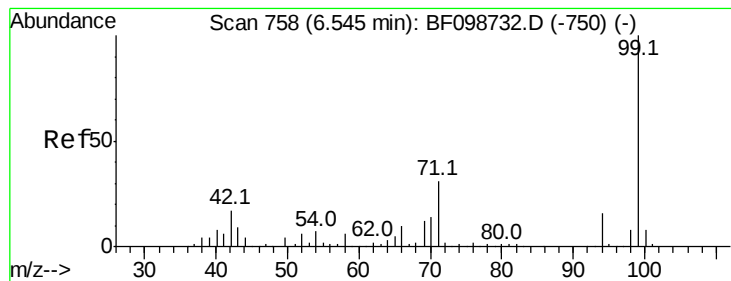
2-Fluorophenol
 Concen: 112.289 ng
 RT: 5.50 min Scan# 580
 Delta R.T. -0.04 min
 Lab File: BF099106.D
 Acq: 5 Oct 2017 16:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.9	71.9
63	28.0	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: 93.422 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.05 min

Lab File: BF099106.D

Acq: 5 Oct 2017 16:34

Instrument :

BNA_F

ClientSampleId :

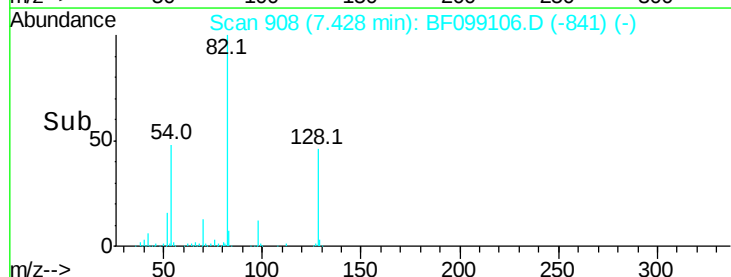
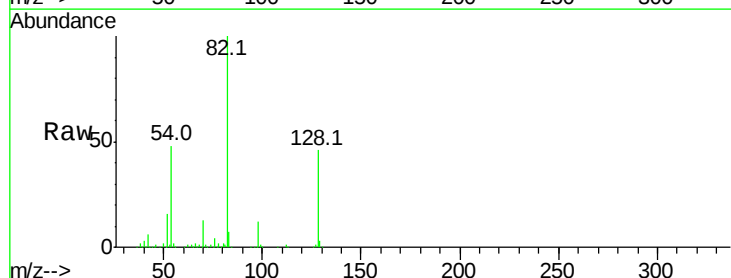
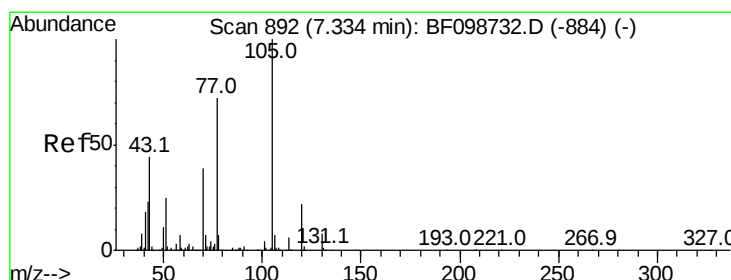
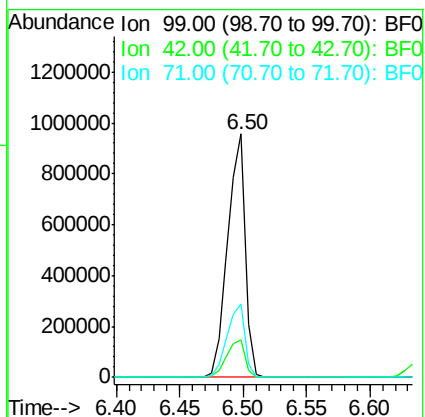
Tot Ion: 99 Resp: 918965

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

71 30.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.758 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.09 min

Lab File: BF099106.D

Acq: 5 Oct 2017 16:34

Tgt Ion: 70 Resp: 98967

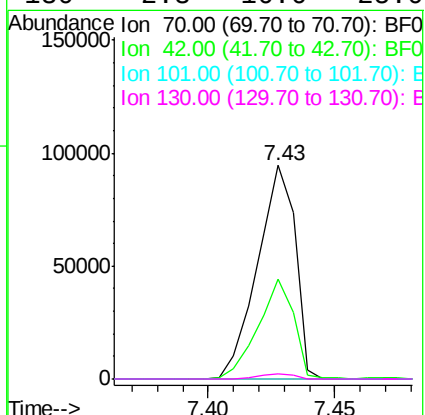
Ion Ratio Lower Upper

70 100

42 46.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

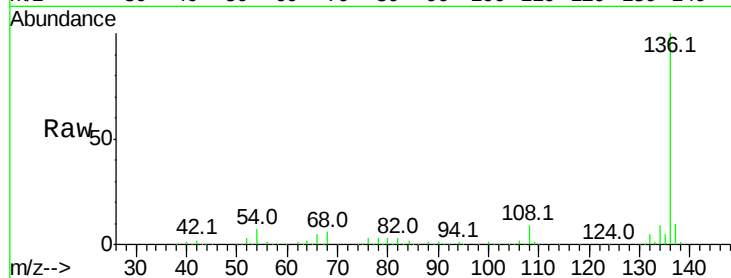




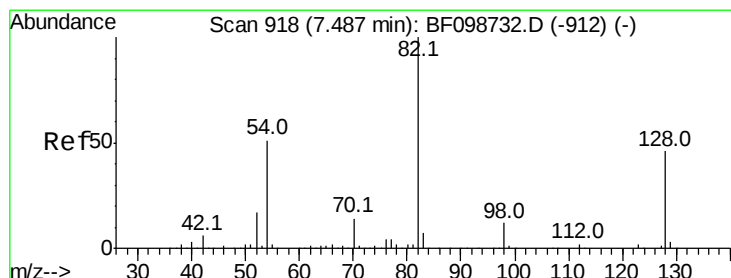
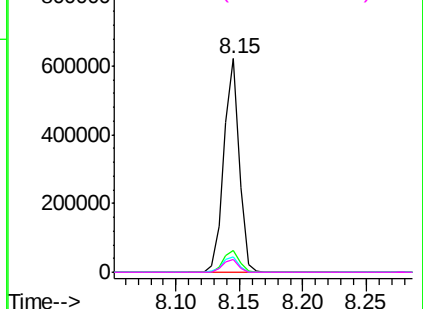
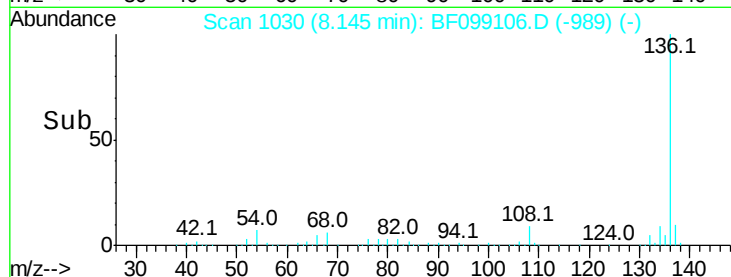
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.06 min
Lab File: BF099106.D
Acq: 5 Oct 2017 16:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	525002
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	7.4	6.6	9.8
68	5.9	5.0	7.4

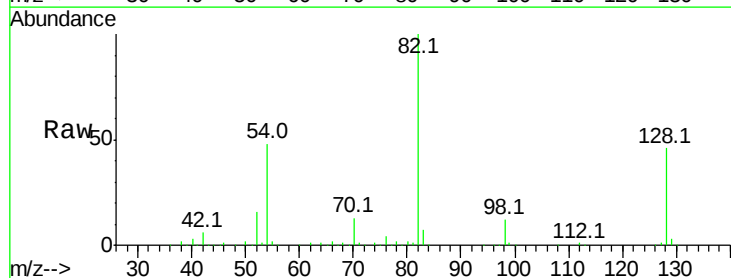


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

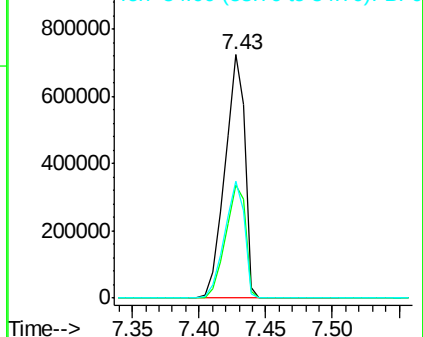
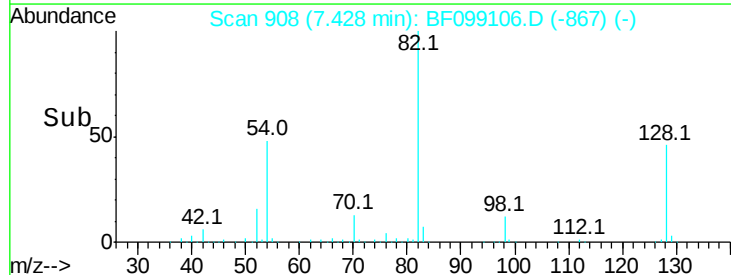


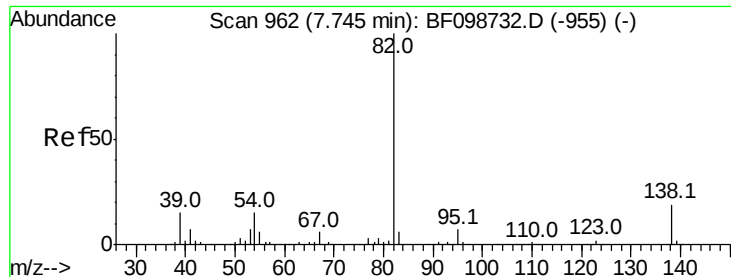
#23
Nitrobenzene-d5
Concen: 93.157 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.06 min
Lab File: BF099106.D
Acq: 5 Oct 2017 16:34

Tgt Ion:	82	Resp:	762634
Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	47.9	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: 44.787 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.32 min

Lab File: BF099106.D

Acq: 5 Oct 2017 16:34

Instrument :

BNA_F

ClientSampleId :

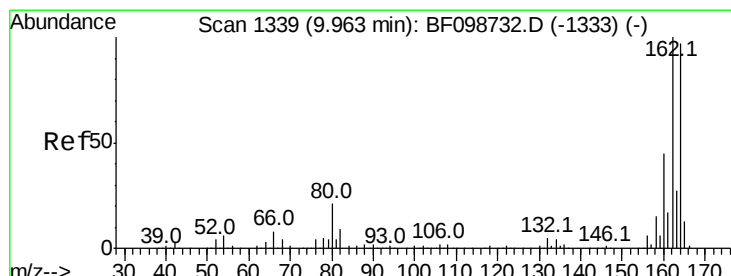
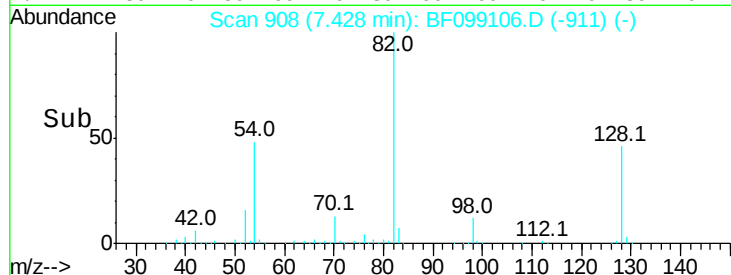
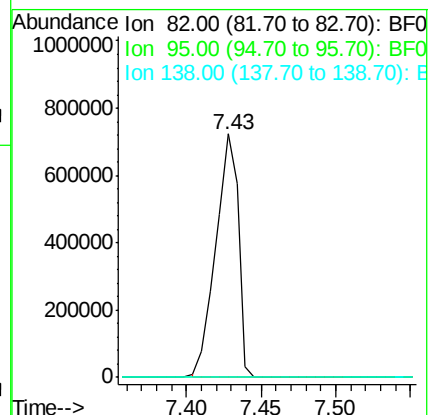
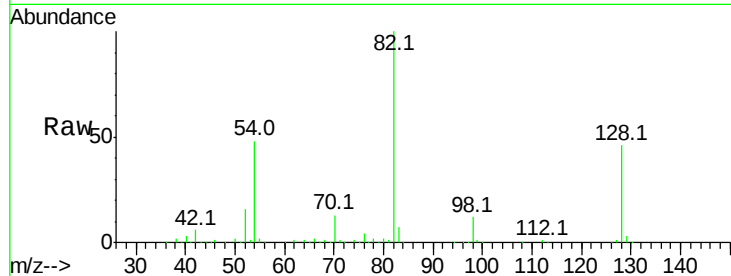
Tot Ion: 82 Resp: 758053

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.06 min

Lab File: BF099106.D

Acq: 5 Oct 2017 16:34

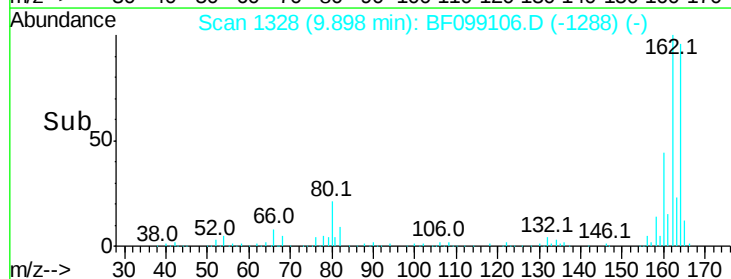
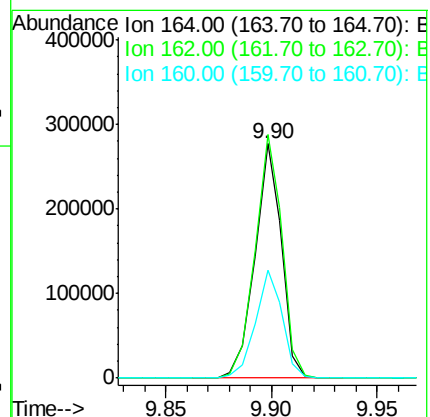
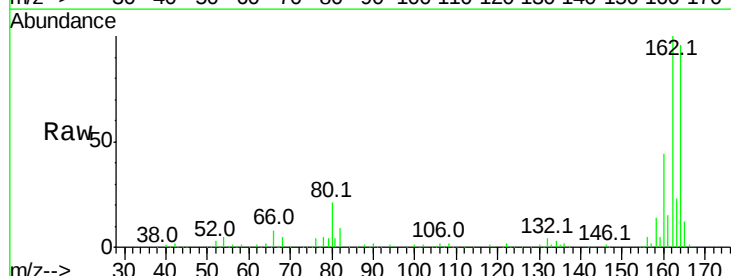
Tgt Ion:164 Resp: 240249

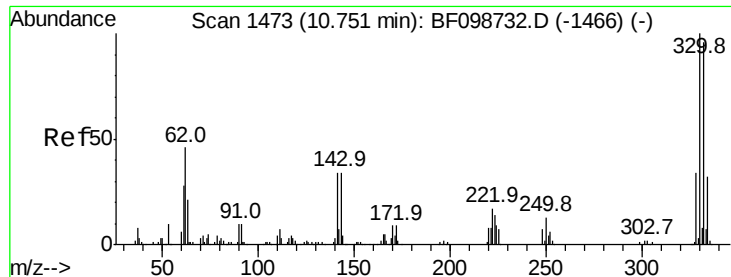
Ion Ratio Lower Upper

164 100

162 103.9 86.1 129.1

160 46.1 38.3 57.5

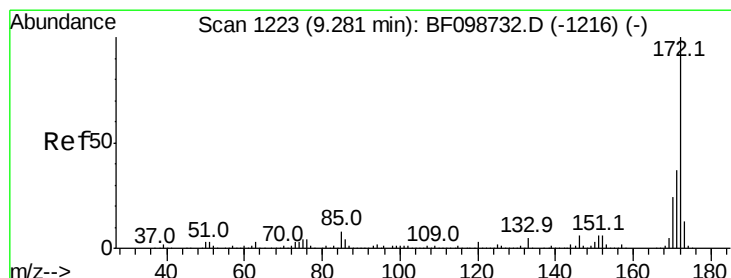
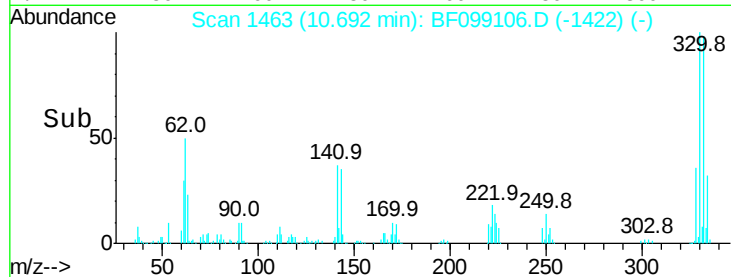
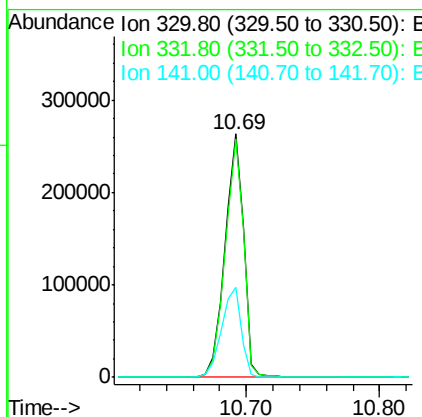
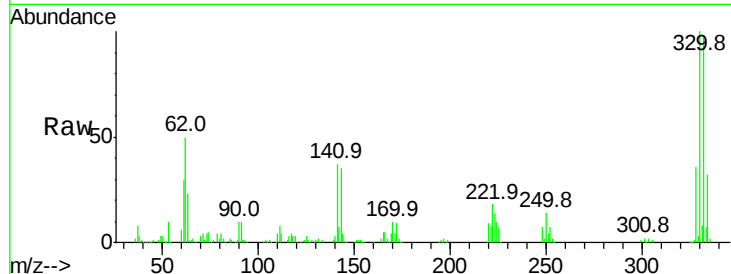




#41
 2,4,6-Tribromophenol
 Concen: 132.611 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.06 min
 Lab File: BF099106.D
 Acq: 5 Oct 2017 16:34

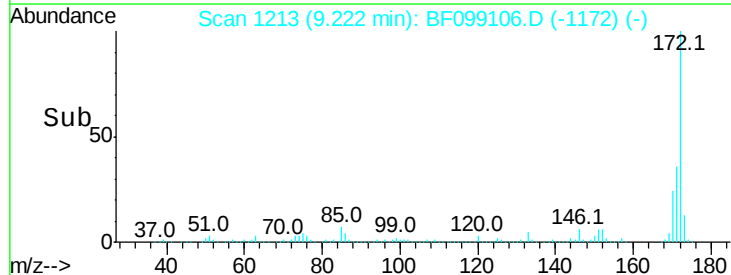
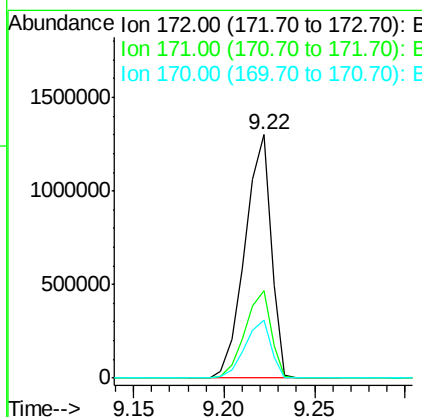
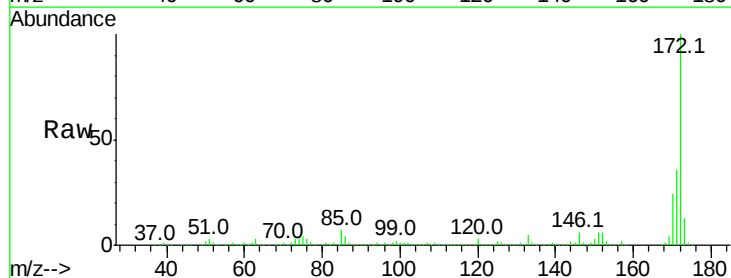
Instrument :
 BNA_F
 ClientSampleId :

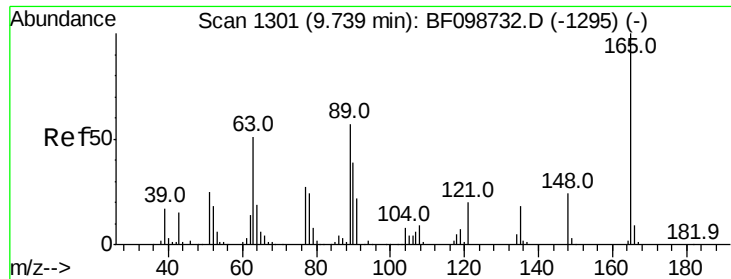
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	39.1	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 91.022 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.06 min
 Lab File: BF099106.D
 Acq: 5 Oct 2017 16:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.0	19.6	29.4

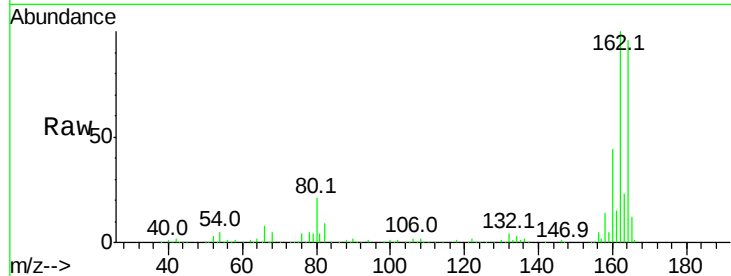




#50
2,6-Dinitrotoluene
Concen: 7.728 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.16 min
Lab File: BF099106.D
Acq: 5 Oct 2017 16:34

Instrument :
BNA_F
ClientSampleId :

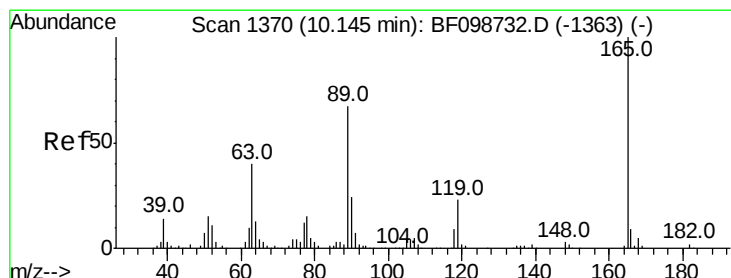
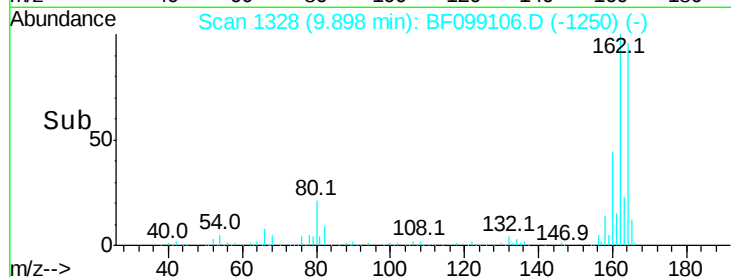
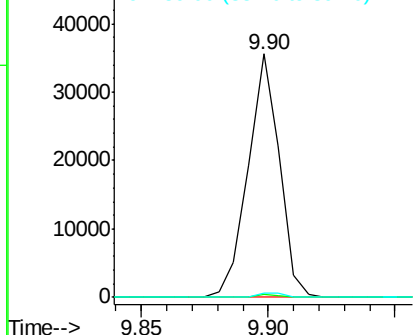
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	2.0	44.0	66.0#



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: 5.955 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.25 min
Lab File: BF099106.D
Acq: 5 Oct 2017 16:34

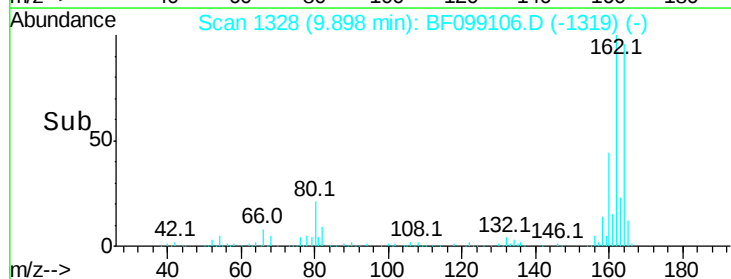
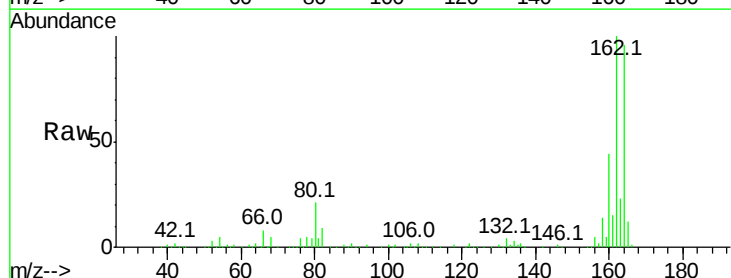
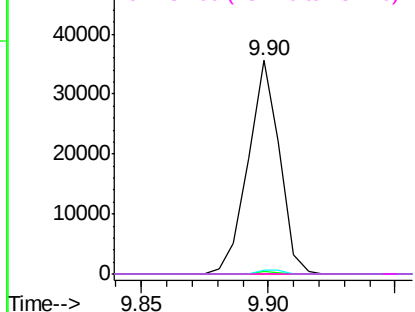
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#

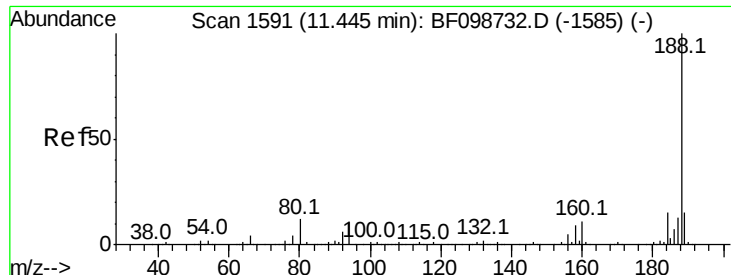
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.39 min Scan# 1581

Delta R.T. -0.06 min

Lab File: BF099106.D

Acq: 5 Oct 2017 16:34

Instrument :

BNA_F

ClientSampleId :

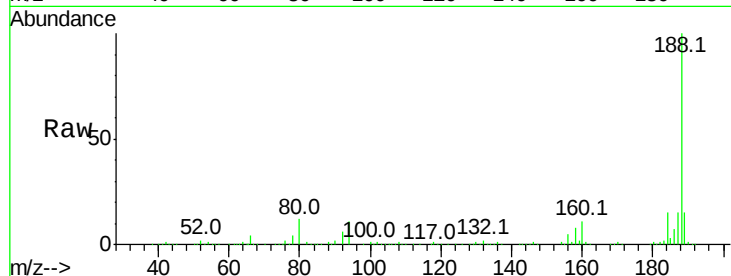
Tot Ion:188 Resp: 428192

Ion Ratio Lower Upper

188 100

94 11.1 8.5 12.7

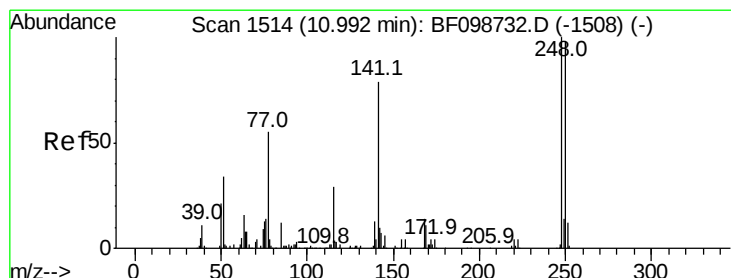
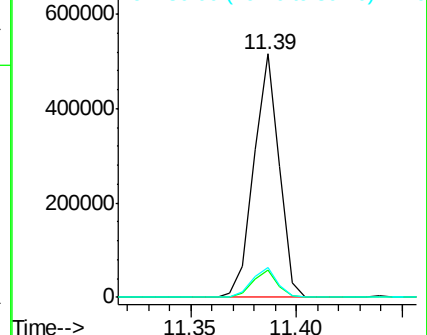
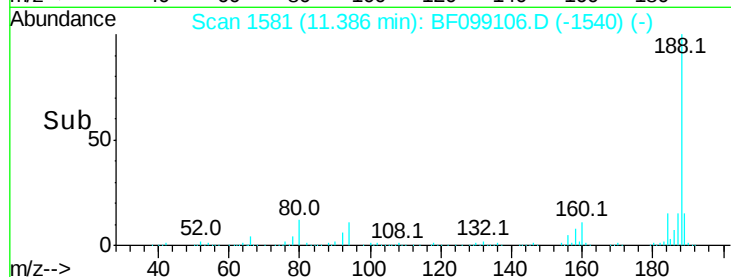
80 12.0 9.2 13.8



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



#66

4-Bromophenyl-phenylether

Concen: 4.297 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.30 min

Lab File: BF099106.D

Acq: 5 Oct 2017 16:34

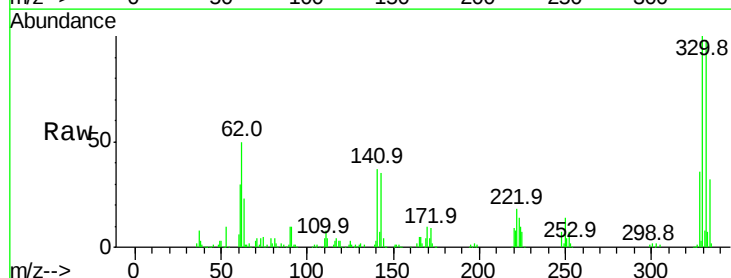
Tgt Ion:248 Resp: 18010

Ion Ratio Lower Upper

248 100

250 198.0 76.9 115.3#

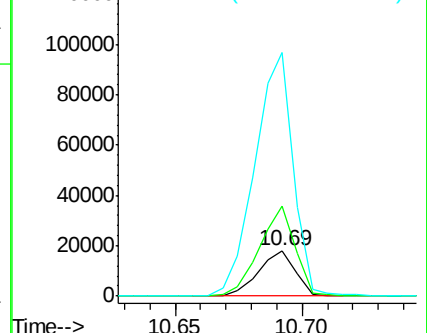
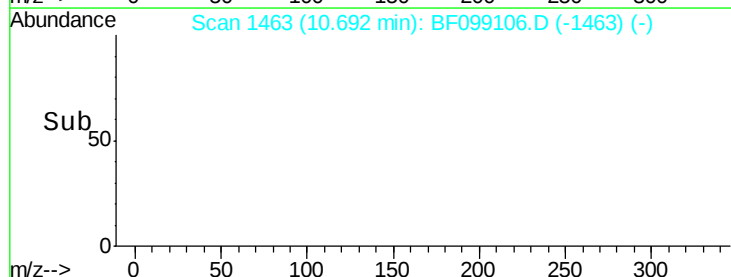
141 536.5 74.4 111.6#

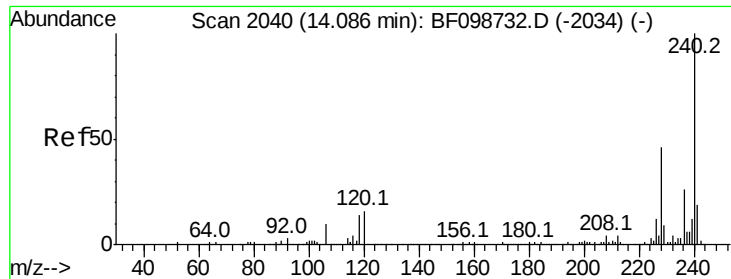


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

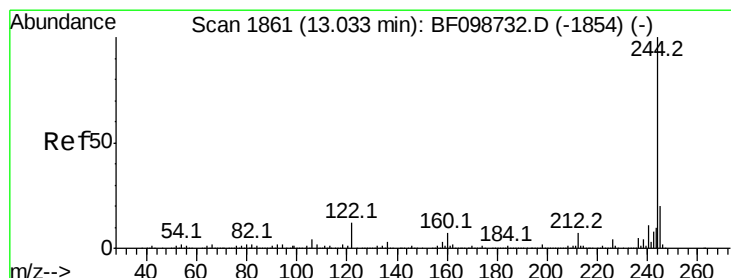
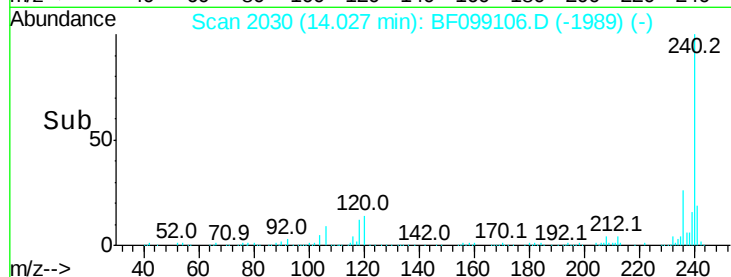
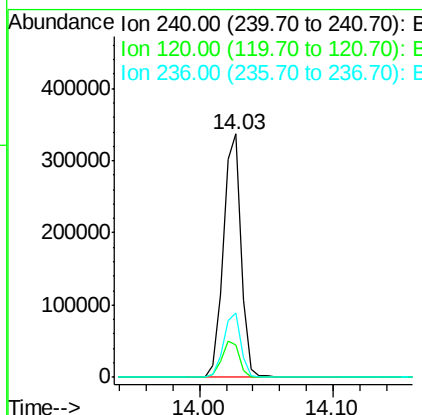
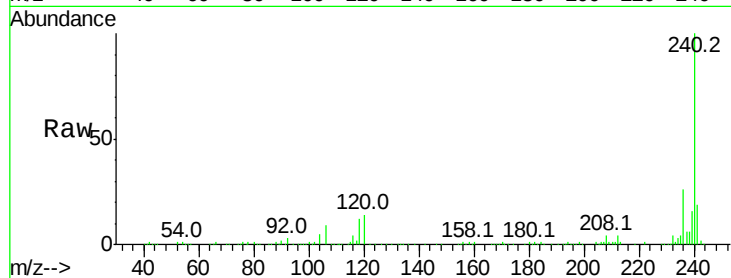




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.06 min
Lab File: BF099106.D
Acq: 5 Oct 2017 16:34

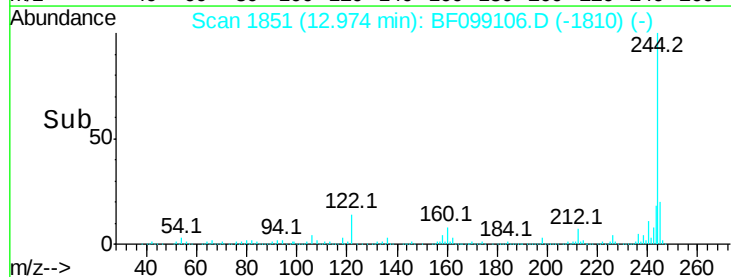
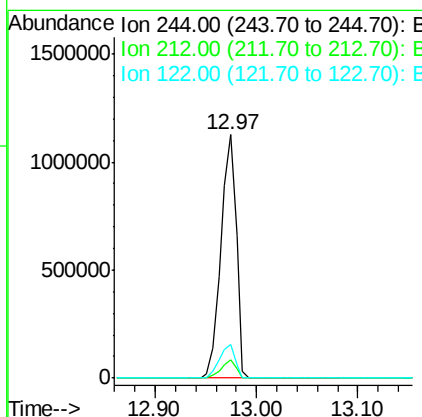
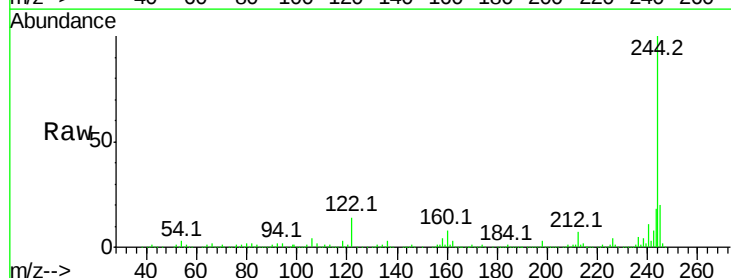
Instrument :
BNA_F
ClientSampleId :

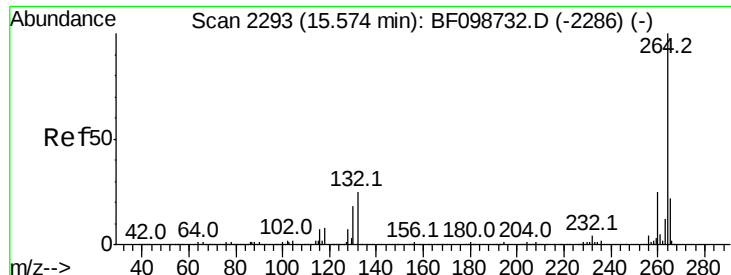
Tot Ion:240 Resp: 317105
Ion Ratio Lower Upper
240 100
120 13.5 9.5 14.3
236 26.5 20.7 31.1



#78
Terphenyl-d14
Concen: 84.967 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.06 min
Lab File: BF099106.D
Acq: 5 Oct 2017 16:34

Tgt Ion:244 Resp: 1184738
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.0
122 13.9 11.0 16.4

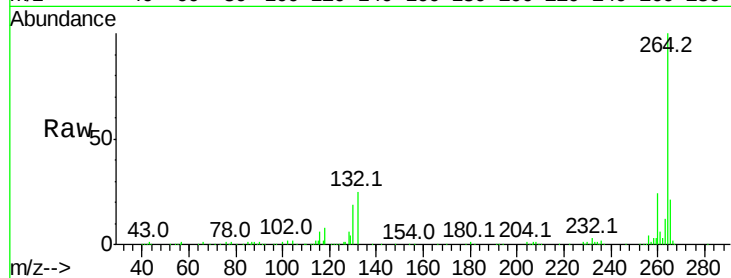




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.08 min
 Lab File: BF099106.D
 Acq: 5 Oct 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.3	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

