

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
 Data File : BG038350.D
 Acq On : 5 Dec 2018 8:26
 Operator : JU/SJ
 Sample : PB115253BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 05 10:12:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

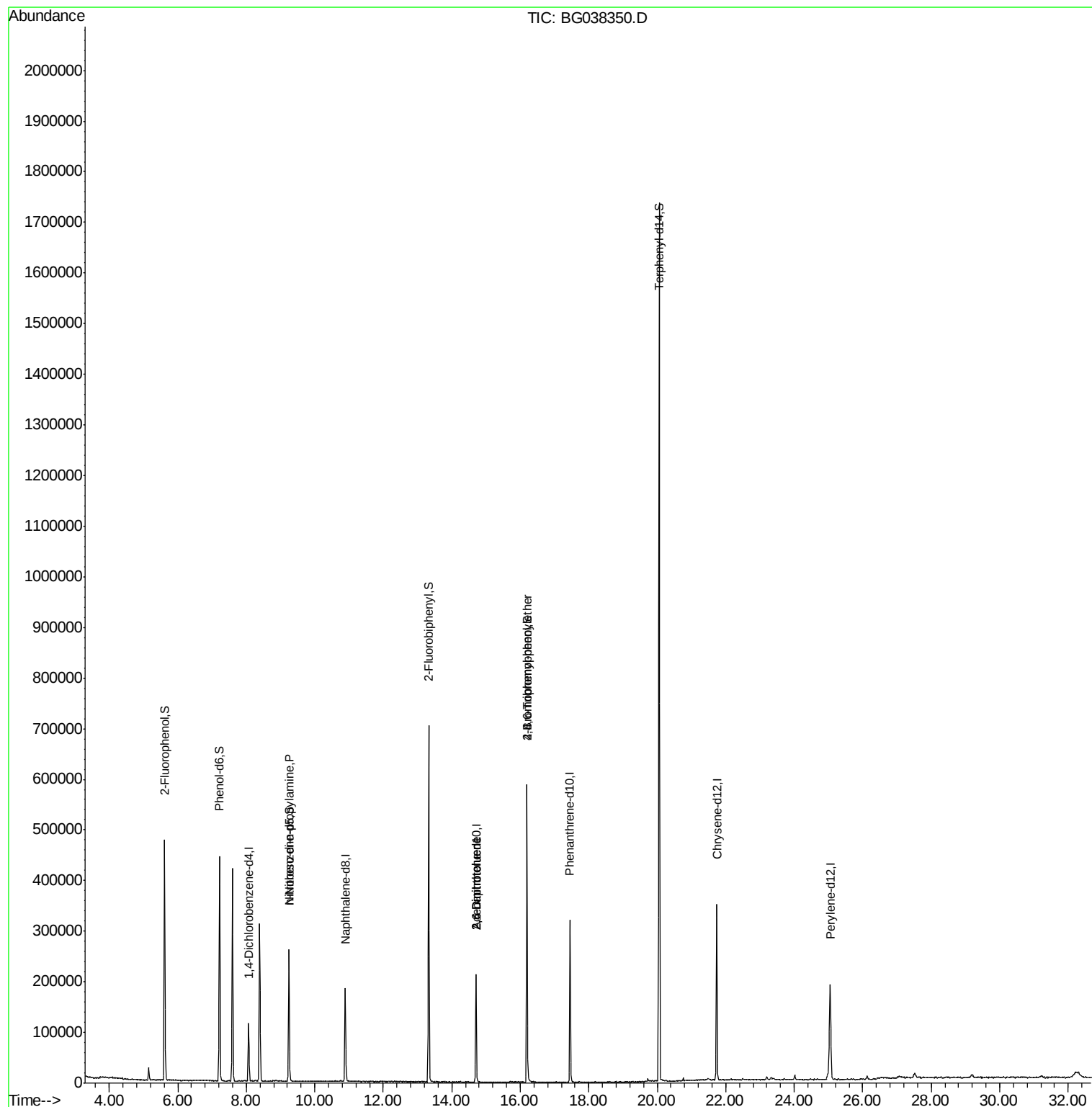
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	33795	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	174170	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	79472	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	212876	20.00	ng	0.00
76) Chrysene-d12	21.74	240	214770	20.00	ng	0.00
87) Perylene-d12	25.05	264	224536	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	206959	108.37	ng	0.00
7) Phenol-d6	7.22	99	257262	93.21	ng	0.00
23) Nitrobenzene-d5	9.25	82	162485	46.32	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	111107	113.88	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	390573	70.03	ng	0.00
79) Terphenyl-d14	20.06	244	863371	86.12	ng	0.00
Target Compounds						
14) 1,2-Dichlorobenzene	8.49	146	53	Below Cal	Qvalue	# 24
19) n-Nitroso-di-n-propylamine	9.25	70	21124	8.830 ng	#	74
51) 2,6-Dinitrotoluene	14.71	165	10650	7.314 ng	#	25
57) 2,4-Dinitrotoluene	14.71	165	10650	5.303 ng	#	25
67) 4-Bromophenyl-phenylether	16.20	248	7596	3.304 ng	#	1

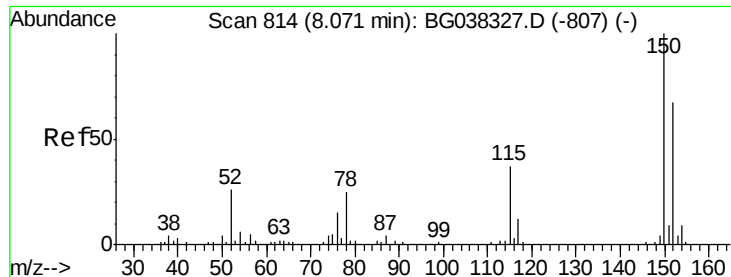
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
Data File : BG038350.D
Acq On : 5 Dec 2018 8:26
Operator : JU/SJ
Sample : PB115253BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 05 10:12:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration



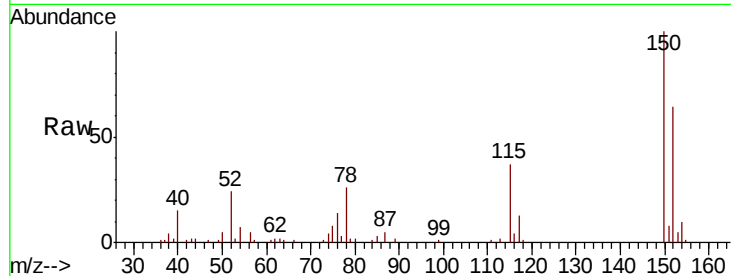


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG038350.D
Acq: 5 Dec 2018 8:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.0	189.0
115	57.2	45.5	68.3

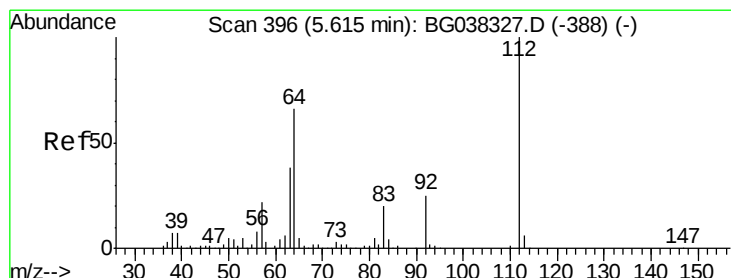
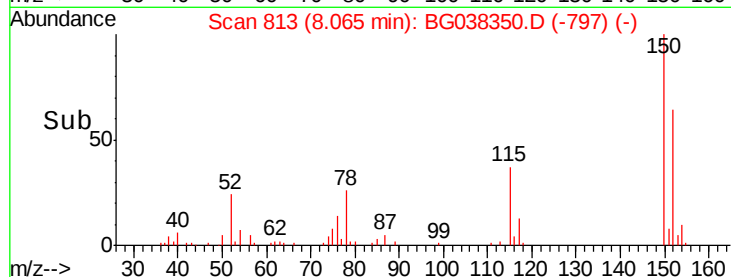
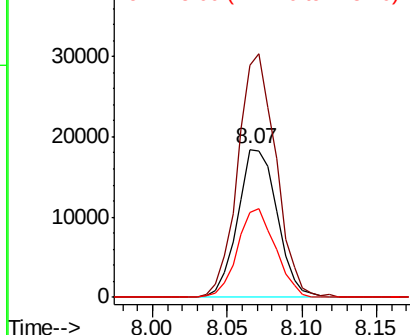


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

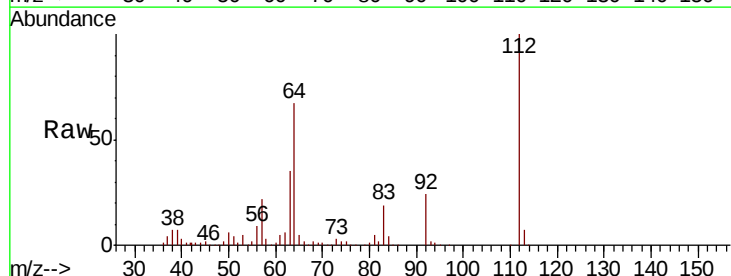
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 108.372 ng
RT: 5.62 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG038350.D
Acq: 5 Dec 2018 8:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	53.1	79.7
63	35.1	27.3	40.9

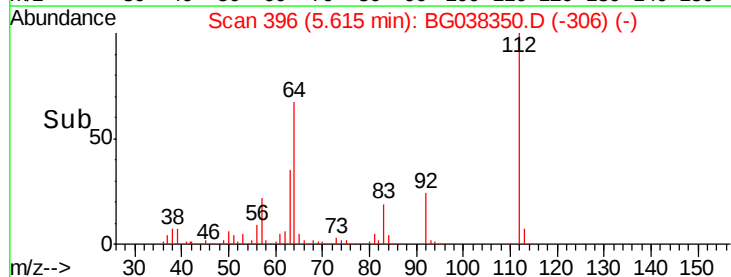
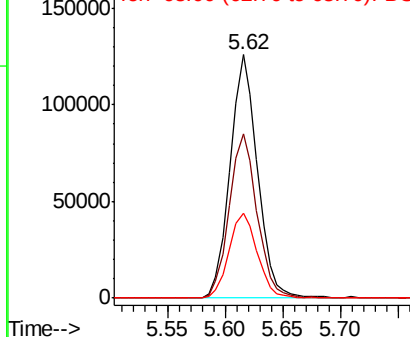


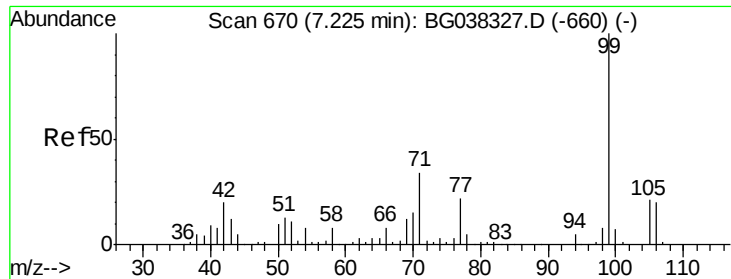
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 93.205 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038350.D

Acq: 5 Dec 2018 8:26

Instrument :

BNA_G

ClientSampleId :

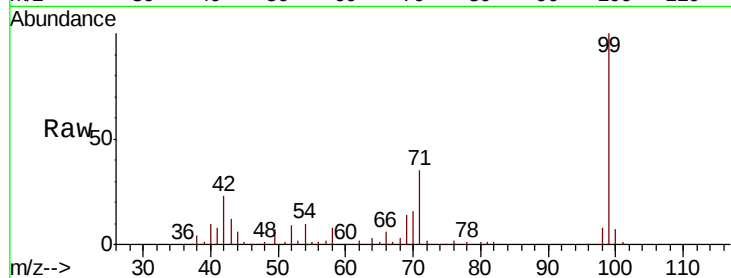
Tot Ion: 99 Resp: 257262

Ion Ratio Lower Upper

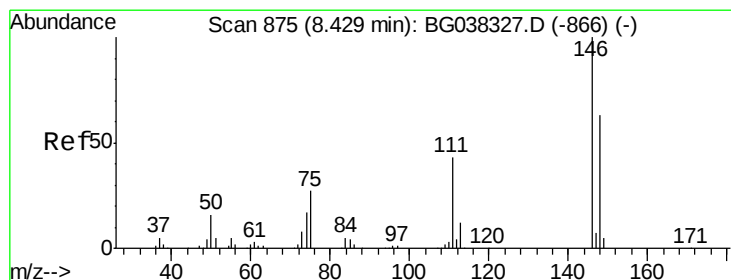
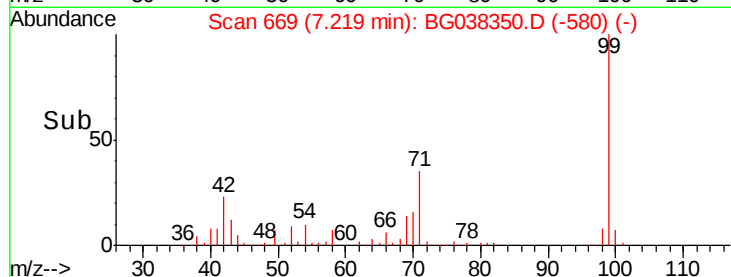
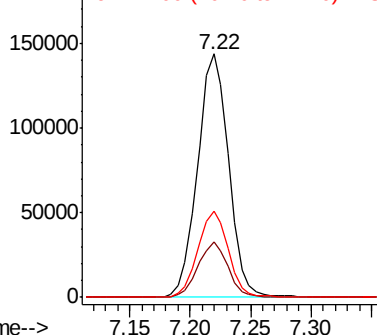
99 100

42 22.7 15.0 22.4#

71 35.5 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#14

1,2-Dichlorobenzene

Concen: Below Cal

RT: 8.49 min Scan# 885

Delta R.T. 0.06 min

Lab File: BG038350.D

Acq: 5 Dec 2018 8:26

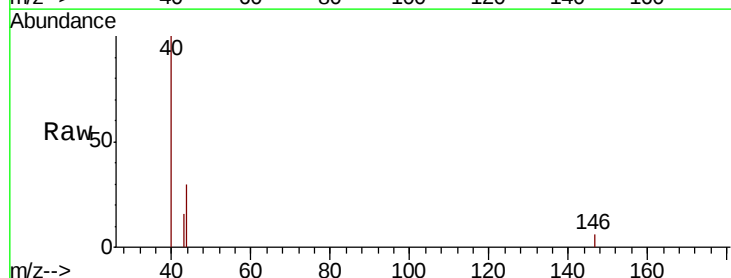
Tgt Ion: 146 Resp: 53

Ion Ratio Lower Upper

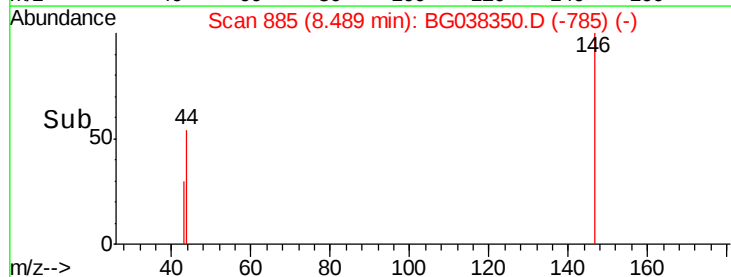
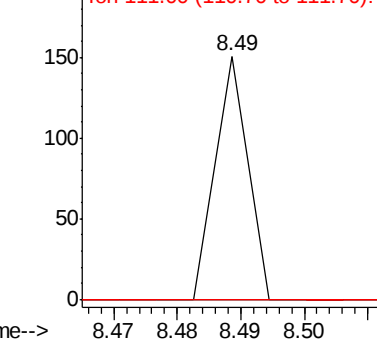
146 100

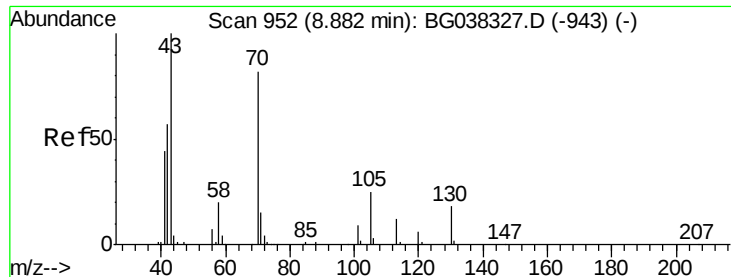
148 0.0 50.4 75.6#

111 0.0 34.6 51.8#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

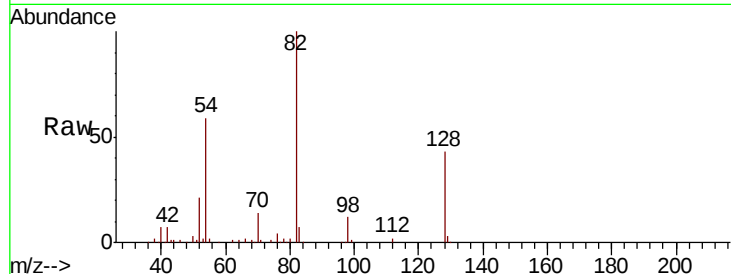




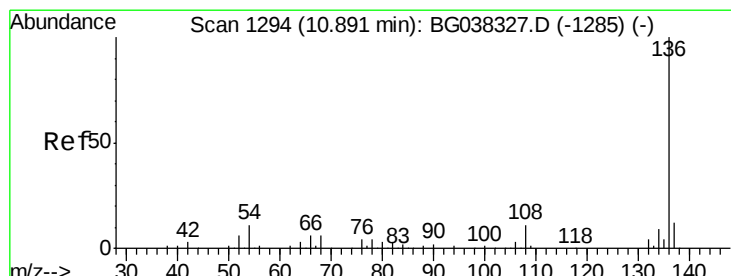
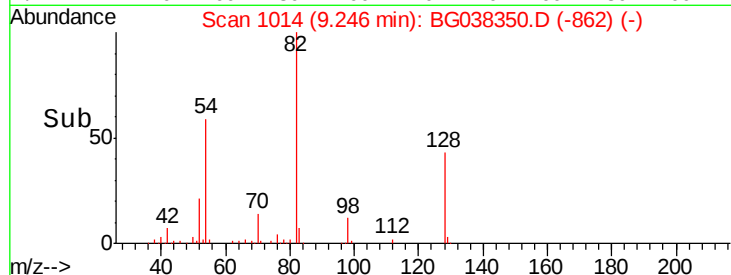
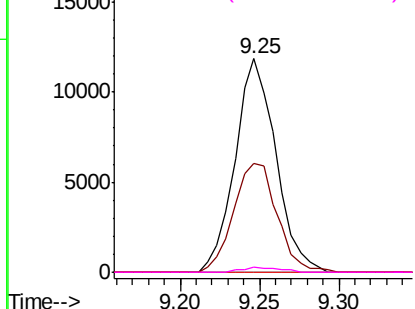
#19
n-Nitroso-di-n-propylamine
Concen: 8.830 ng
RT: 9.25 min Scan# 1014
Delta R.T. 0.37 min
Lab File: BG038350.D
Acq: 5 Dec 2018 8:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 21124
Ion Ratio Lower Upper
70 100
42 51.0 53.9 80.9#
101 0.0 8.2 12.2#
130 2.4 18.2 27.4#

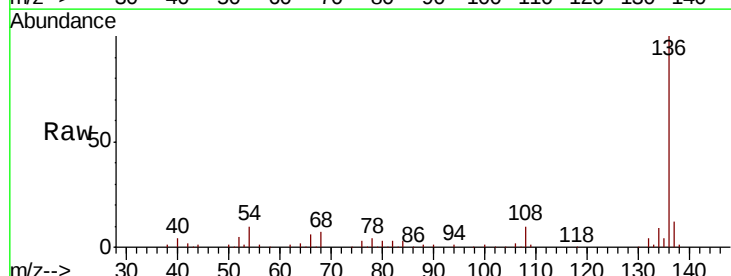


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

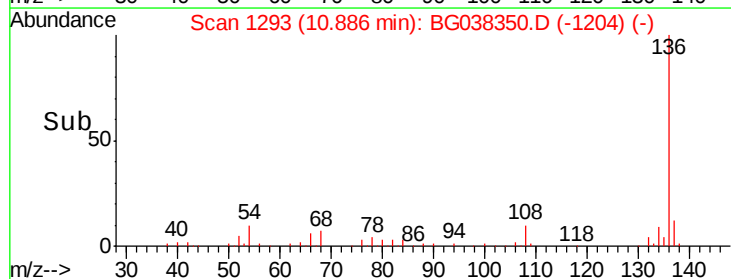
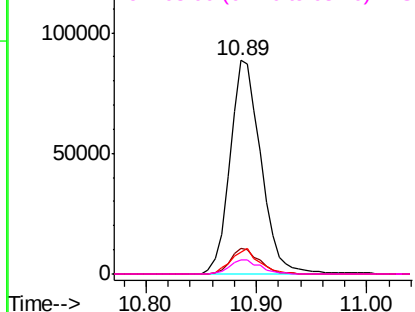


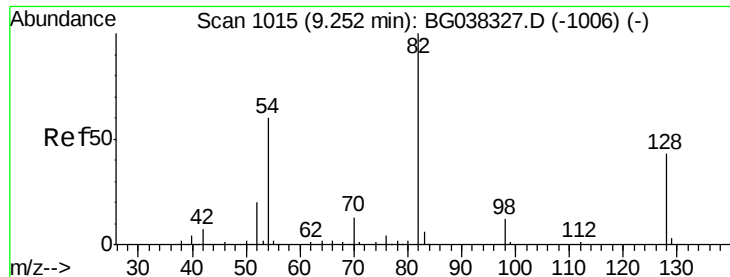
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG038350.D
Acq: 5 Dec 2018 8:26

Tgt Ion: 136 Resp: 174170
Ion Ratio Lower Upper
136 100
137 12.3 9.6 14.4
54 10.2 7.9 11.9
68 6.7 4.8 7.2



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

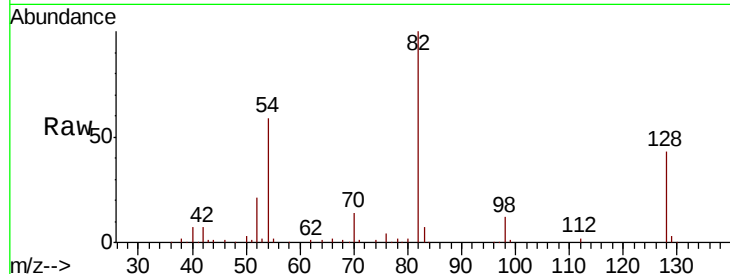




#23
Nitrobenzene-d5
Concen: 46.317 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038350.D
Acq: 5 Dec 2018 8:26

Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	162485
Ion Ratio	100	Lower	Upper
128	43.3	34.6	51.8
54	58.5	45.3	67.9

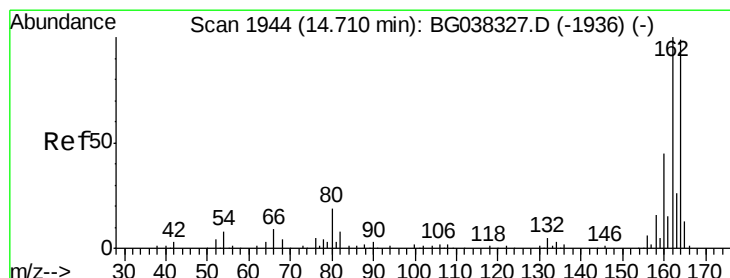
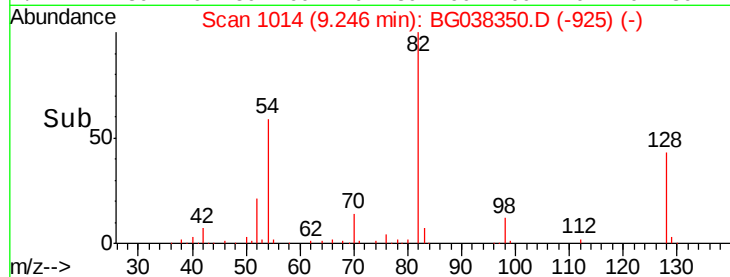
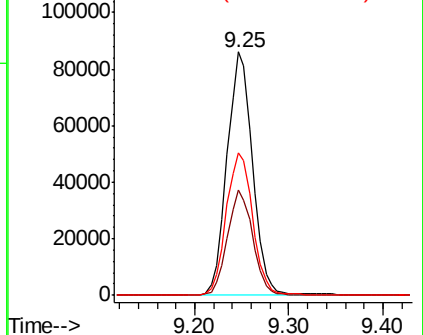


Abundance

Ion 82.00 (81.70 to 82.70): BGC

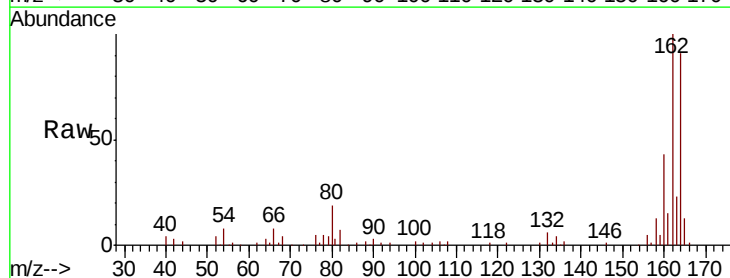
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG038350.D
Acq: 5 Dec 2018 8:26

Tgt Ion	164	Resp	79472
Ion Ratio	100	Lower	Upper
162	109.4	81.3	121.9
160	47.5	36.3	54.5

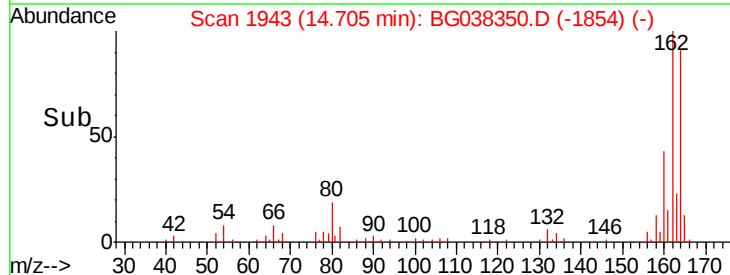
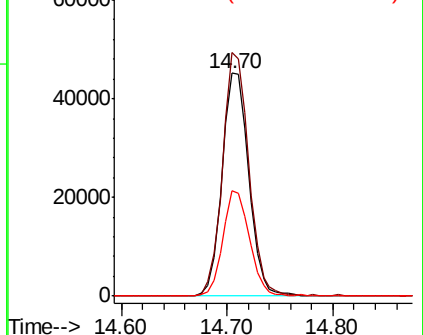


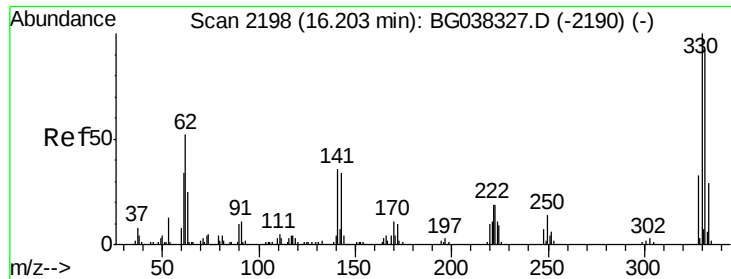
Abundance

Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 113.884 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038350.D

Acq: 5 Dec 2018 8:26

Instrument :

BNA_G

ClientSampled :

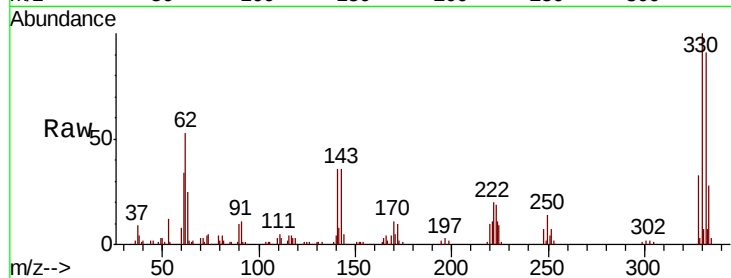
Tot Ion:330 Resp: 111107

Ion Ratio Lower Upper

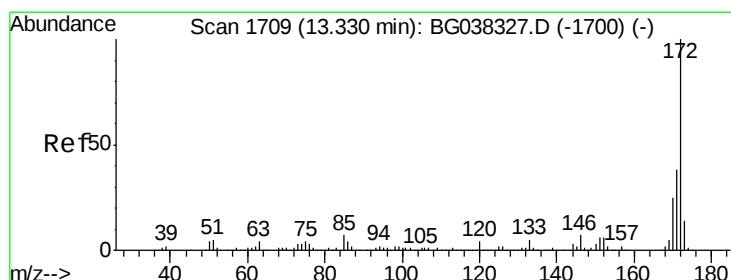
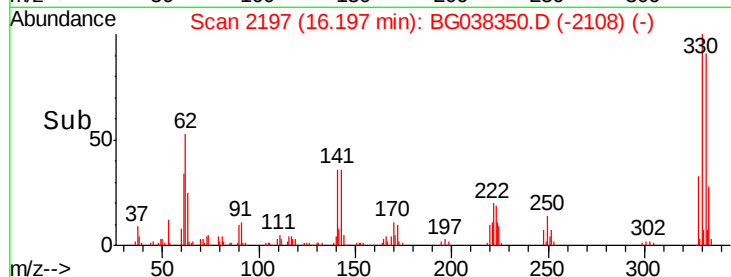
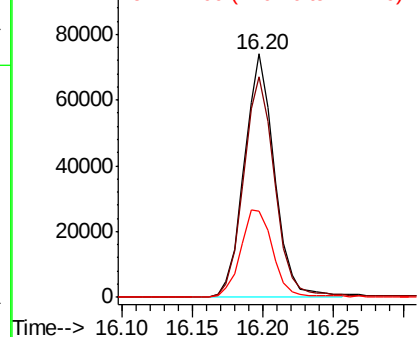
330 100

332 94.3 78.4 117.6

141 38.9 32.2 48.2



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



#45

2-Fluorobiphenyl

Concen: 70.029 ng

RT: 13.33 min Scan# 1709

Delta R.T. 0.00 min

Lab File: BG038350.D

Acq: 5 Dec 2018 8:26

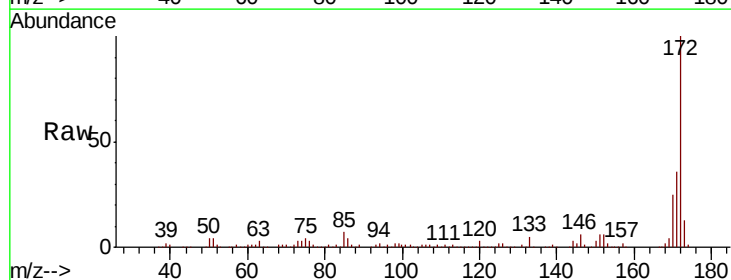
Tgt Ion:172 Resp: 390573

Ion Ratio Lower Upper

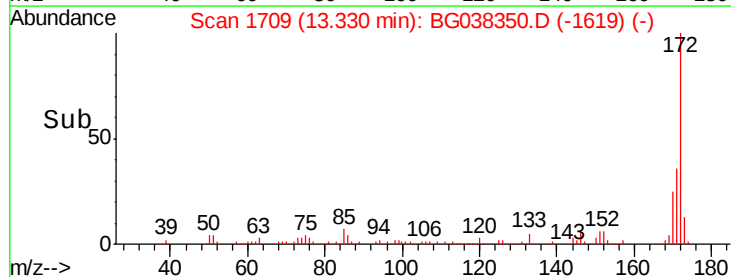
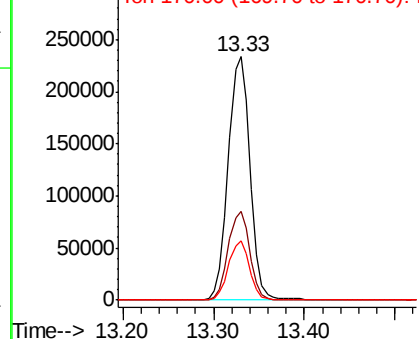
172 100

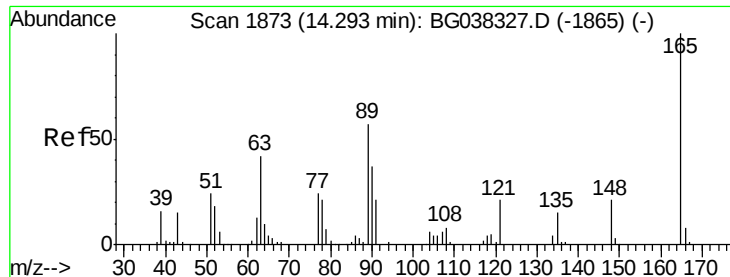
171 36.4 31.0 46.4

170 24.5 20.2 30.2



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

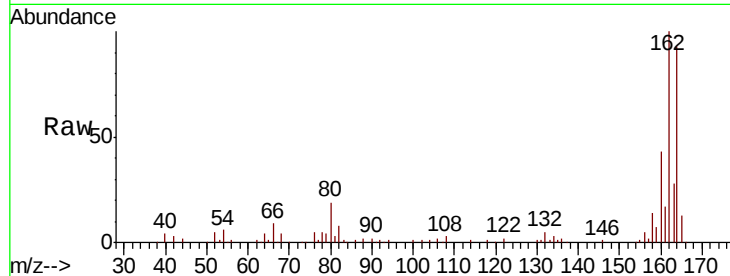




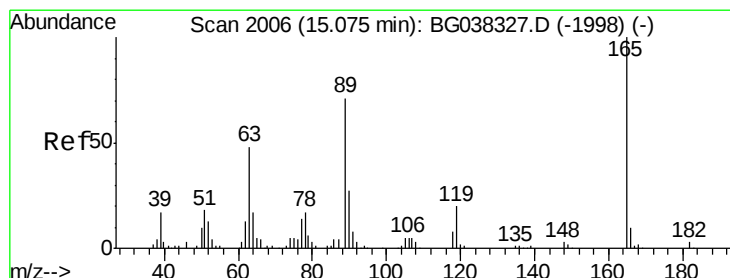
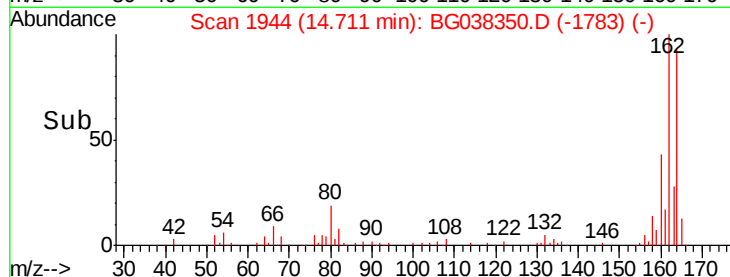
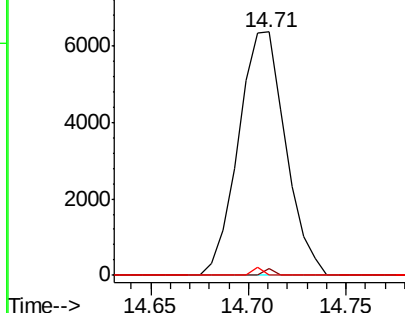
#51
 2,6-Dinitrotoluene
 Concen: 7.314 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. 0.42 min
 Lab File: BG038350.D
 Acq: 5 Dec 2018 8:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.7	43.4	65.2#
89	0.0	45.8	68.6#



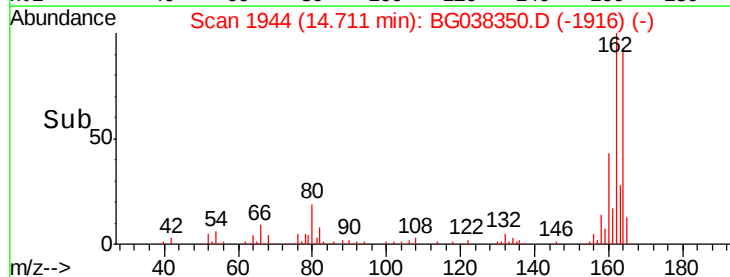
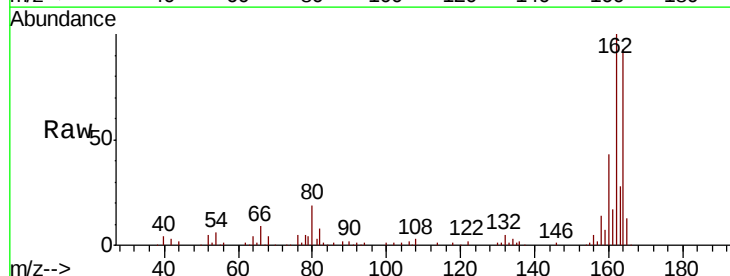
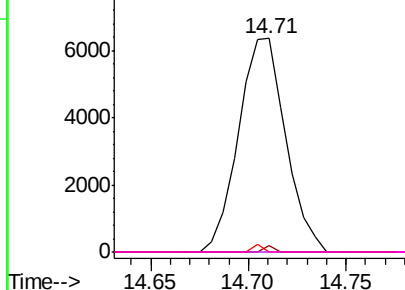
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

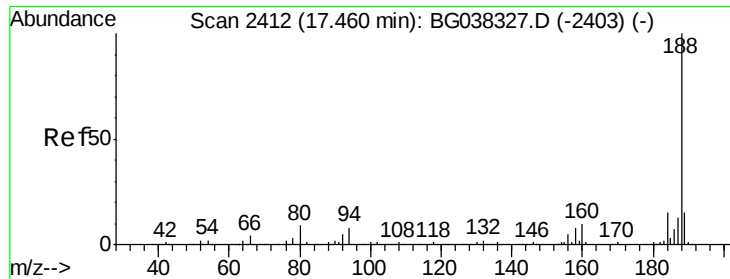


#57
 2,4-Dinitrotoluene
 Concen: 5.303 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. -0.36 min
 Lab File: BG038350.D
 Acq: 5 Dec 2018 8:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.7	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

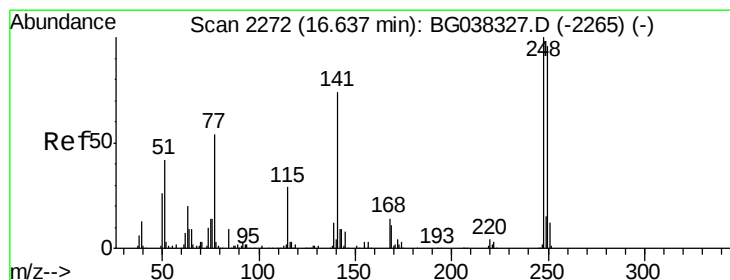
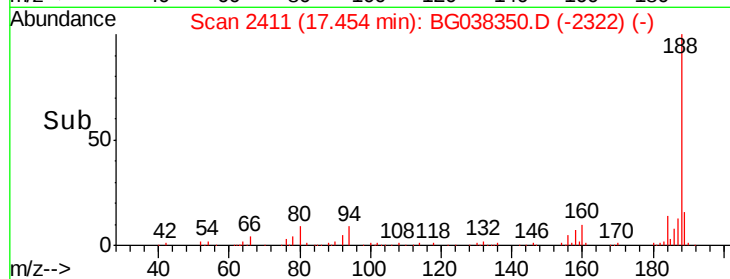
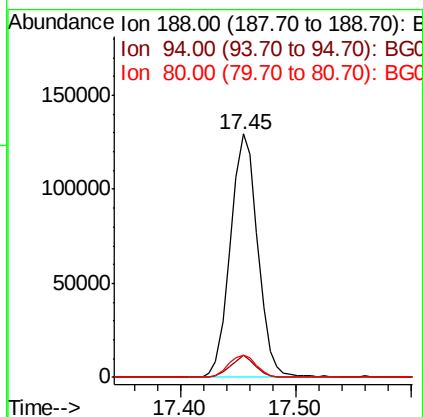
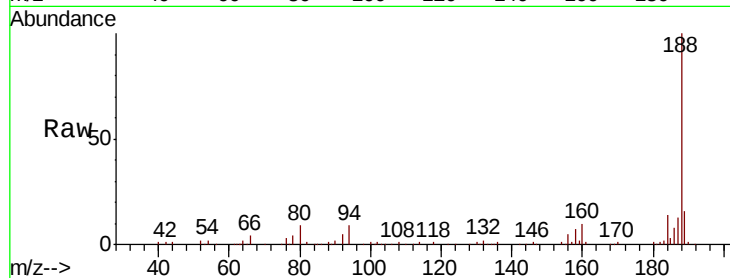




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG038350.D
 Acq: 5 Dec 2018 8:26

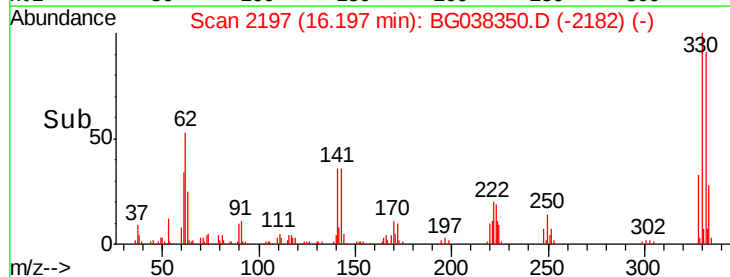
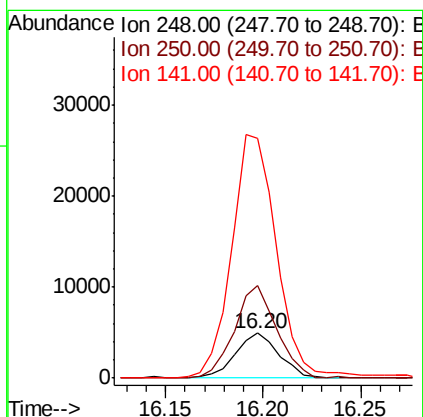
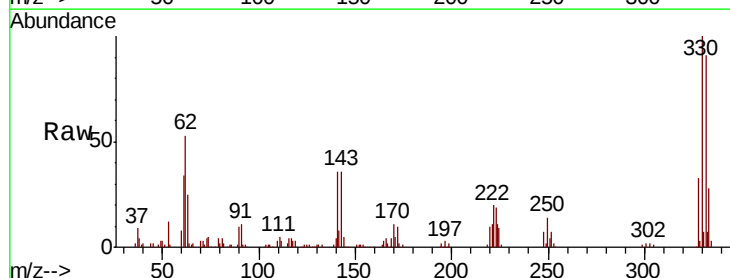
Instrument :
 BNA_G
 ClientSampleId :

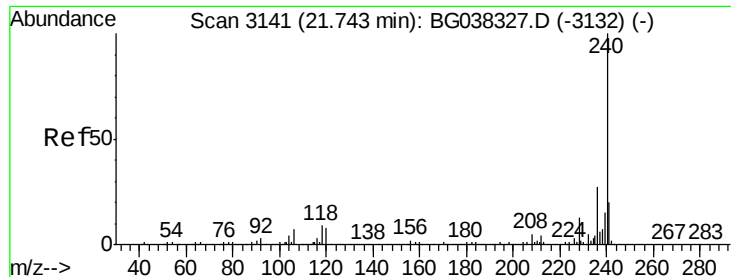
Tot Ion:188 Resp: 212876
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.2 10.8
 80 9.0 7.7 11.5



#67
 4-Bromophenyl-phenylether
 Concen: 3.304 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.44 min
 Lab File: BG038350.D
 Acq: 5 Dec 2018 8:26

Tgt Ion:248 Resp: 7596
 Ion Ratio Lower Upper
 248 100
 250 210.9 77.0 115.6#
 141 416.7 55.5 83.3#

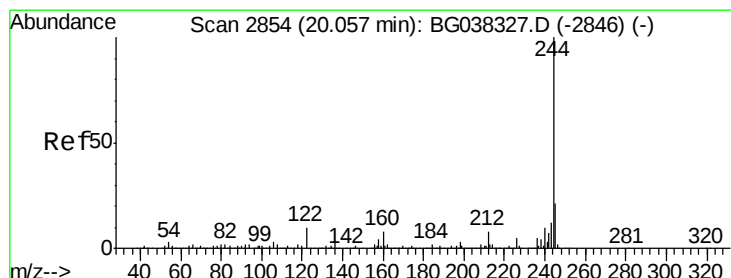
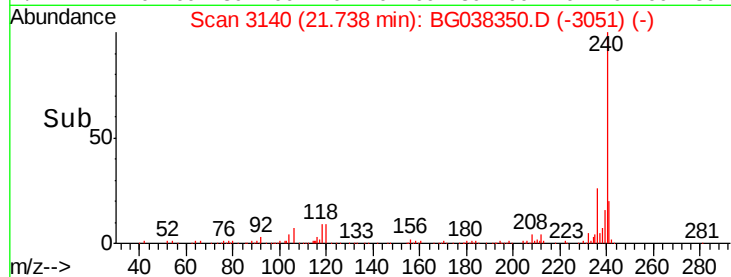
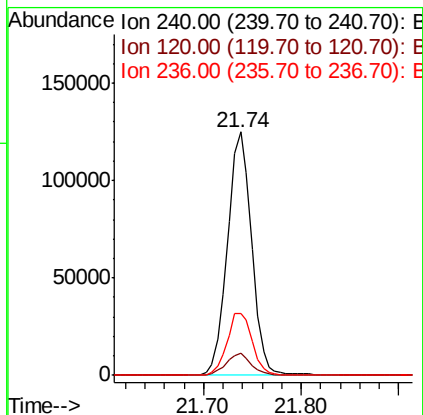
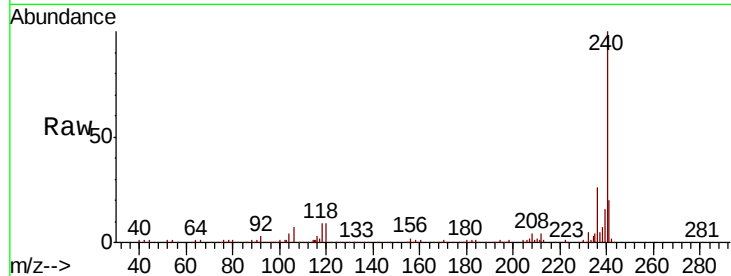




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG038350.D
Acq: 5 Dec 2018 8:26

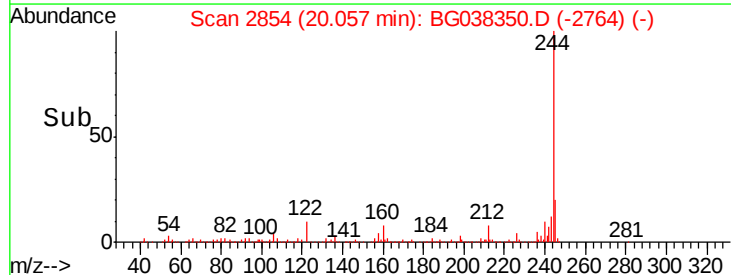
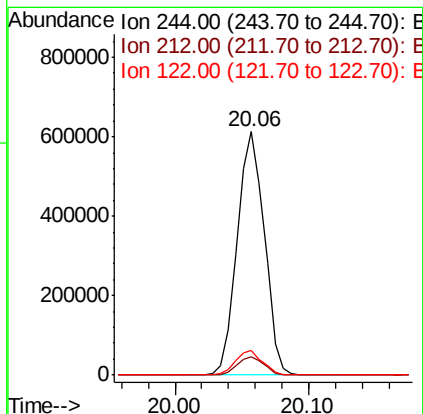
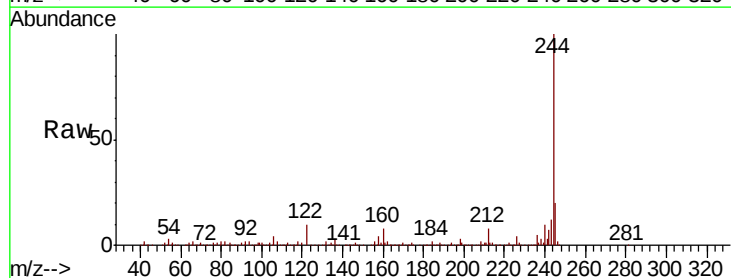
Instrument :
BNA_G
ClientSampleId :

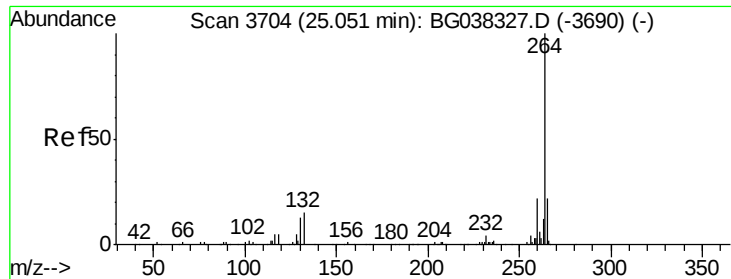
Tot Ion:240 Resp: 214770
Ion Ratio Lower Upper
240 100
120 9.2 8.1 12.1
236 25.6 21.4 32.0



#79
Terphenyl-d14
Concen: 86.118 ng
RT: 20.06 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG038350.D
Acq: 5 Dec 2018 8:26

Tgt Ion:244 Resp: 863371
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 10.2 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.05 min Scan# 3703
Delta R.T. -0.01 min
Lab File: BG038350.D
Acq: 5 Dec 2018 8:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.3	18.2	27.4
265	22.0	17.9	26.9

