

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120618\
 Data File : BG038397.D
 Acq On : 7 Dec 2018 1:05
 Operator : JU/SJ
 Sample : J6254-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 07 01:58:14 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

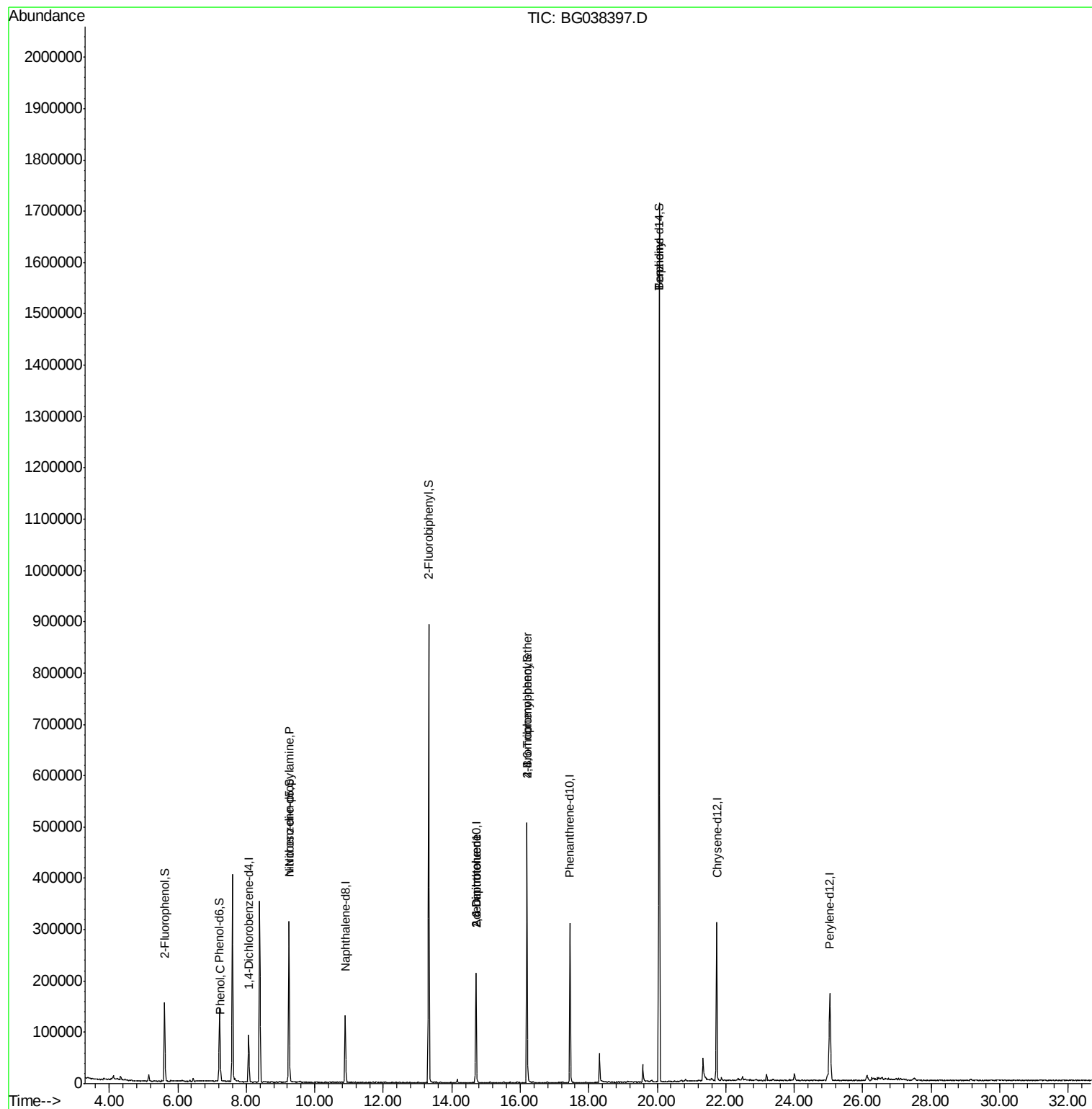
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	26959	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	119949	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	80021	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	202595	20.00	ng	0.00
76) Chrysene-d12	21.74	240	191966	20.00	ng	0.00
87) Perylene-d12	25.04	264	201547	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	71028	46.62	ng	0.00
7) Phenol-d6	7.22	99	92372	41.95	ng	0.00
23) Nitrobenzene-d5	9.24	82	199502	82.58	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	93487	95.17	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	479718	85.42	ng	0.00
79) Terphenyl-d14	20.06	244	826851	92.27	ng	0.00
Target Compounds						
10) Phenol	7.25	94	17212	7.399	ng	89
19) n-Nitroso-di-n-propylamine	9.24	70	25917	14.777	ng	# 70
51) 2,6-Dinitrotoluene	14.70	165	10853	7.402	ng	# 25
57) 2,4-Dinitrotoluene	14.70	165	10853	5.367	ng	# 25
67) 4-Bromophenyl-phenylether	16.20	248	6332	2.894	ng	# 1
77) Benzidine	20.06	184	14462	2.233	ng	# 96

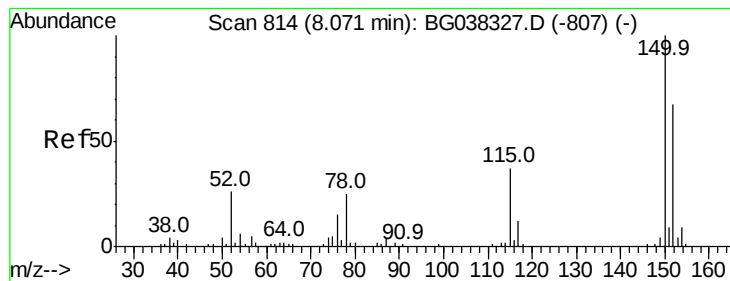
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120618\
Data File : BG038397.D
Acq On : 7 Dec 2018 1:05
Operator : JU/SJ
Sample : J6254-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 07 01:58:14 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



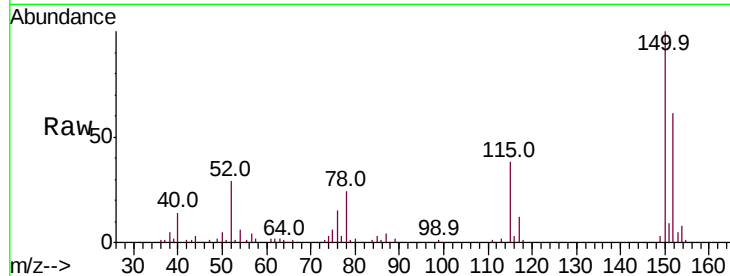


#1

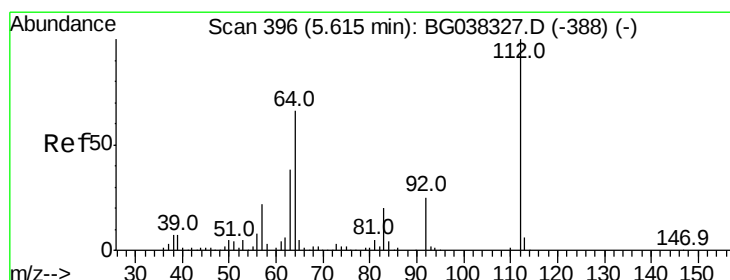
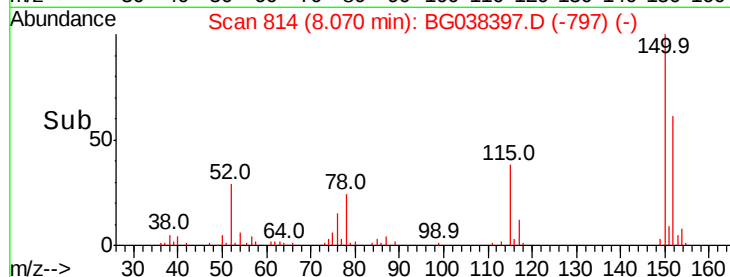
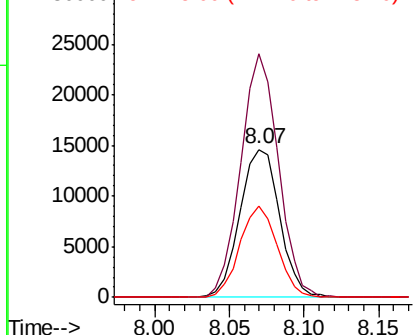
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038397.D
Acq: 7 Dec 2018 1:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 26959
Ion Ratio Lower Upper
152 100
150 164.8 126.0 189.0
115 61.9 45.5 68.3



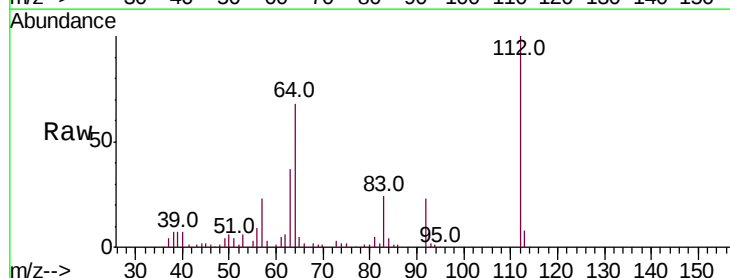
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



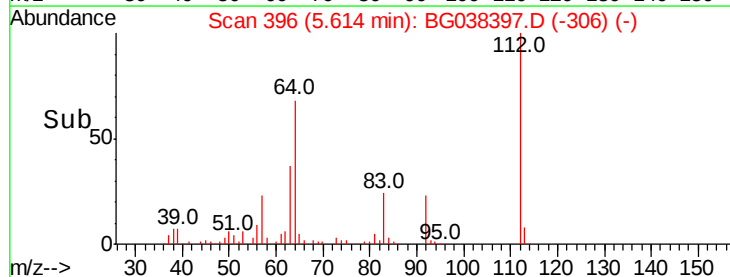
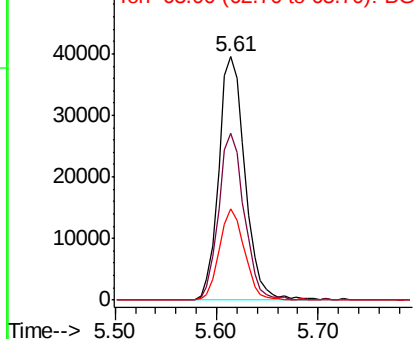
#5

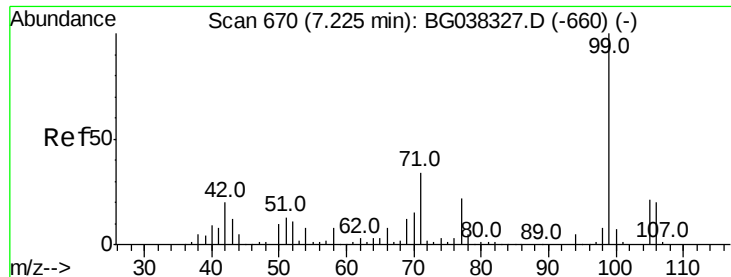
2-Fluorophenol
Concen: 46.624 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG038397.D
Acq: 7 Dec 2018 1:05

Tgt Ion:112 Resp: 71028
Ion Ratio Lower Upper
112 100
64 68.3 53.1 79.7
63 37.4 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 41.952 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038397.D

Acq: 7 Dec 2018 1:05

Instrument :

BNA_G

ClientSampleId :

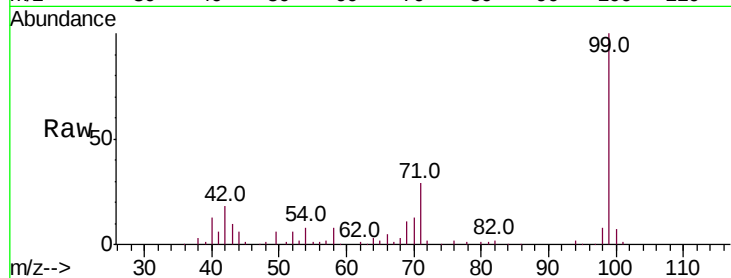
Tot Ion: 99 Resp: 92372

Ion Ratio Lower Upper

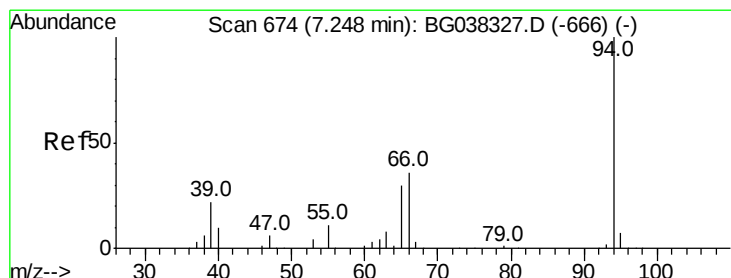
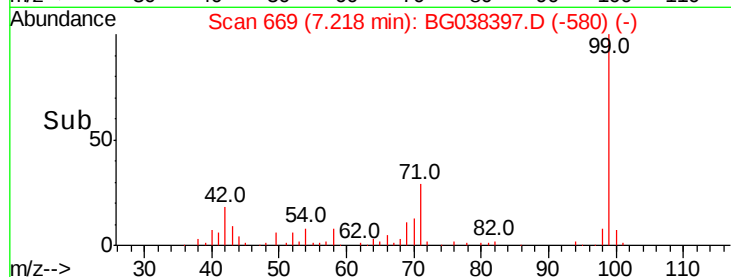
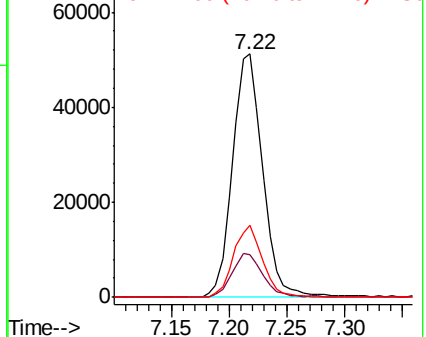
99 100

42 17.7 15.0 22.4

71 29.4 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



#10

Phenol

Concen: 7.399 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG038397.D

Acq: 7 Dec 2018 1:05

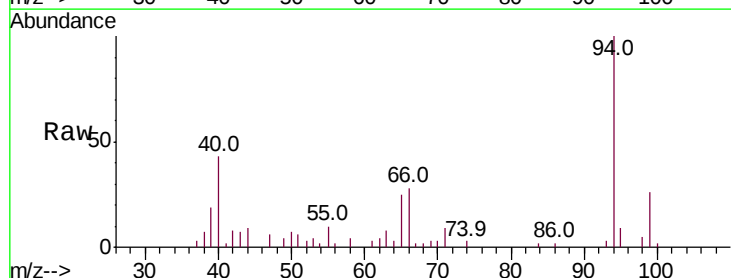
Tgt Ion: 94 Resp: 17212

Ion Ratio Lower Upper

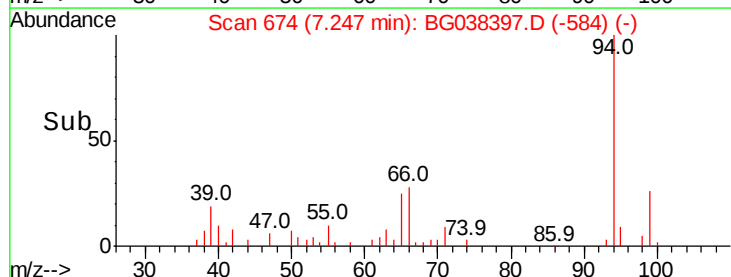
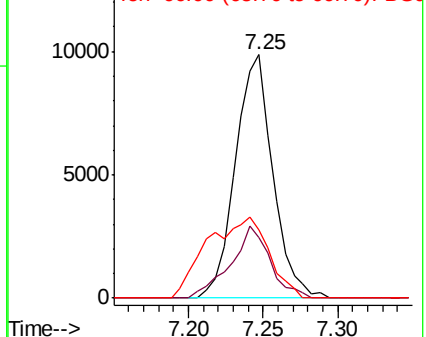
94 100

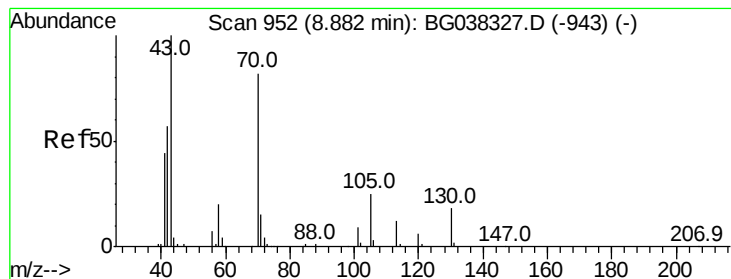
65 24.9 9.7 49.7

66 28.2 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 14.777 ng

RT: 9.24 min Scan# 1014

Delta R.T. 0.36 min

Lab File: BG038397.D

Acq: 7 Dec 2018 1:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 25917

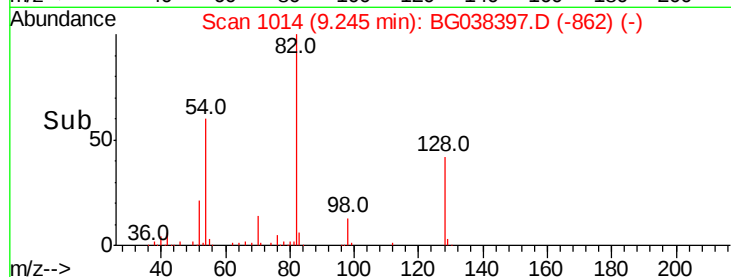
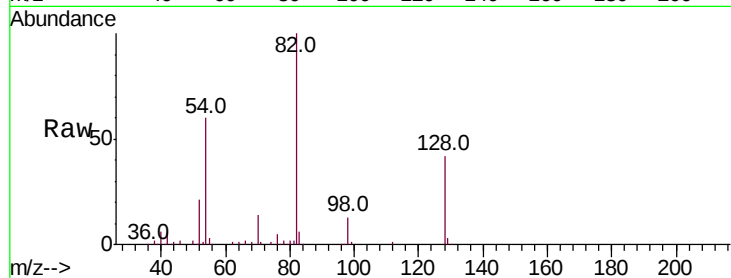
Ion Ratio Lower Upper

70 100

42 46.2 53.9 80.9#

101 0.0 8.2 12.2#

130 2.6 18.2 27.4#

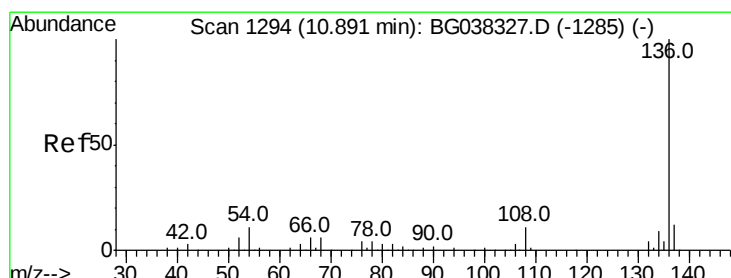
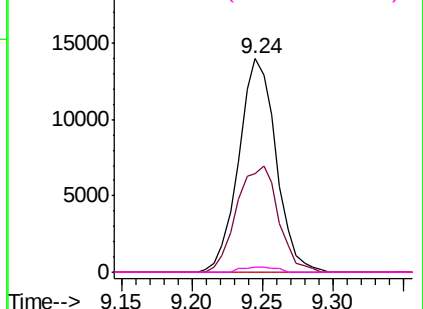


Abundance Ion 70.00 (69.70 to 70.70): BGC

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# 1294

Delta R.T. -0.00 min

Lab File: BG038397.D

Acq: 7 Dec 2018 1:05

Tgt Ion: 136 Resp: 119949

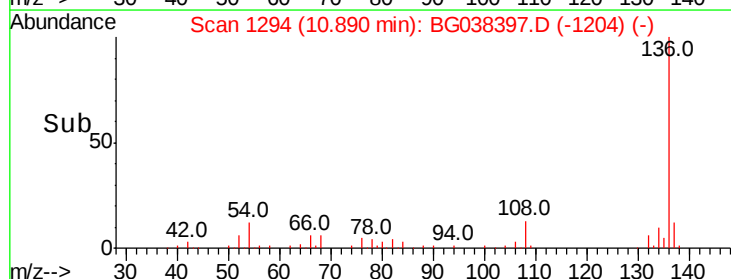
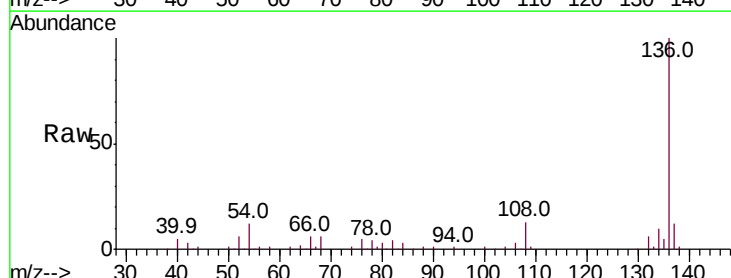
Ion Ratio Lower Upper

136 100

137 12.0 9.6 14.4

54 11.7 7.9 11.9

68 5.6 4.8 7.2

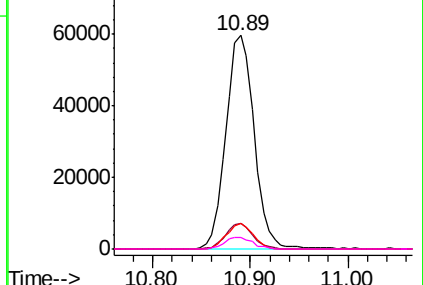


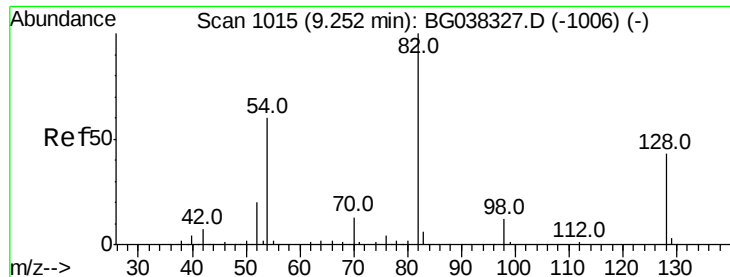
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

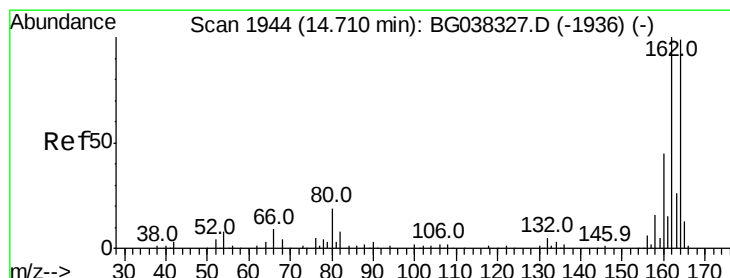
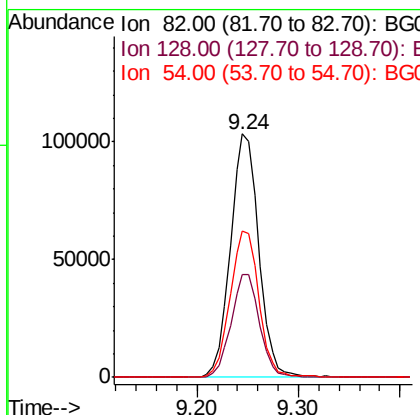
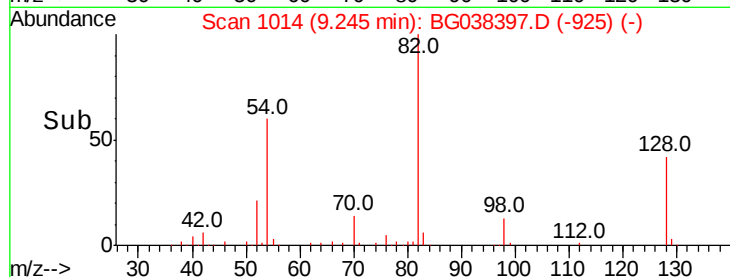
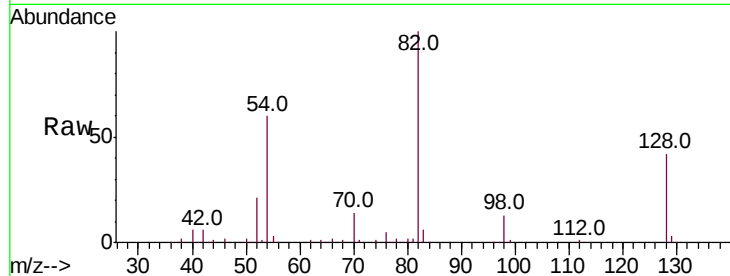




#23
 Nitrobenzene-d5
 Concen: 82.576 ng
 RT: 9.24 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BG038397.D
 Acq: 7 Dec 2018 1:05

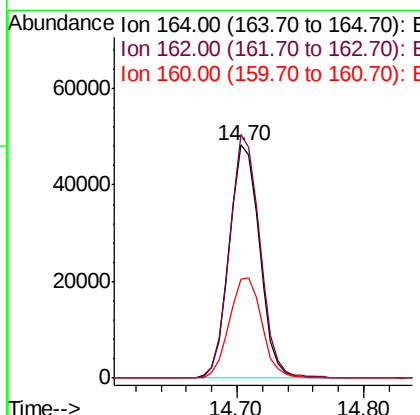
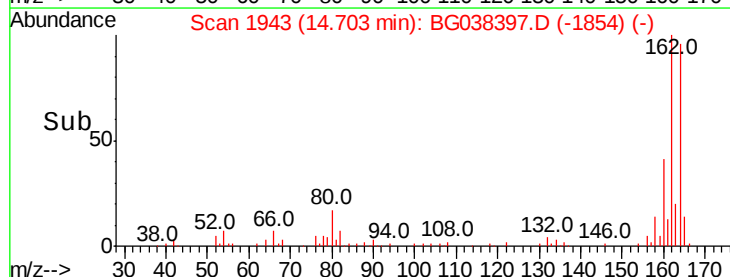
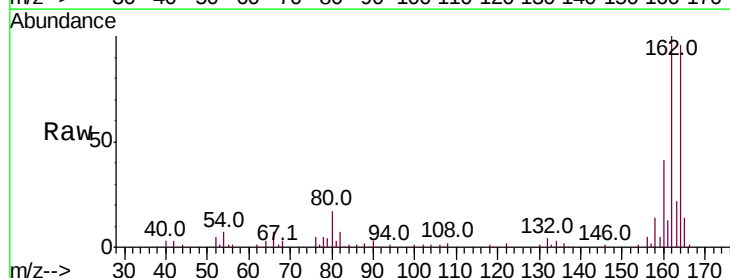
Instrument :
 BNA_G
 ClientSampleId :

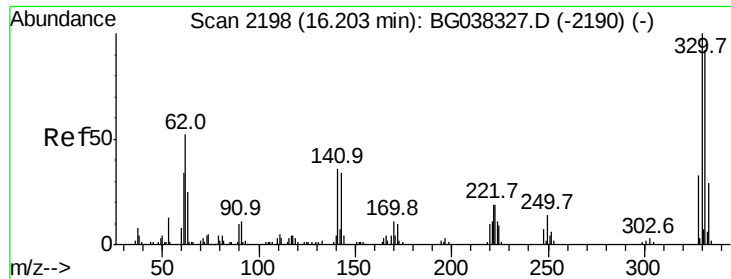
Tot Ion: 82 Resp: 199502
 Ion Ratio Lower Upper
 82 100
 128 42.3 34.6 51.8
 54 60.2 45.3 67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. -0.01 min
 Lab File: BG038397.D
 Acq: 7 Dec 2018 1:05

Tgt Ion:164 Resp: 80021
 Ion Ratio Lower Upper
 164 100
 162 104.4 81.3 121.9
 160 42.6 36.3 54.5

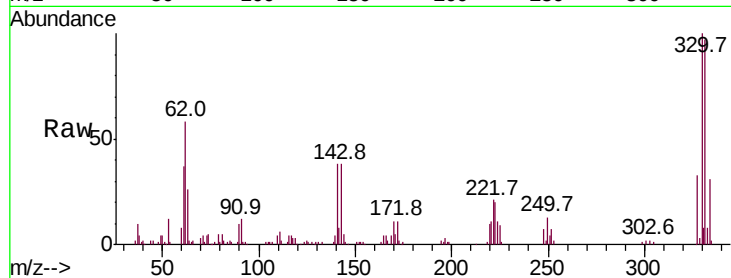




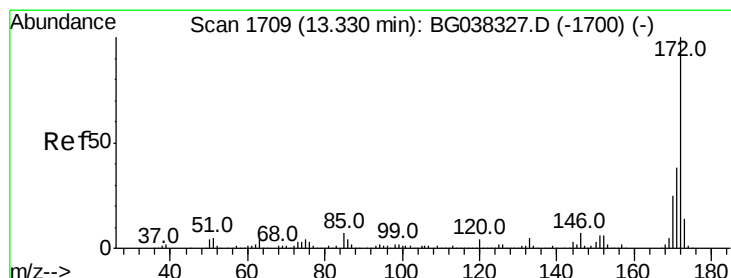
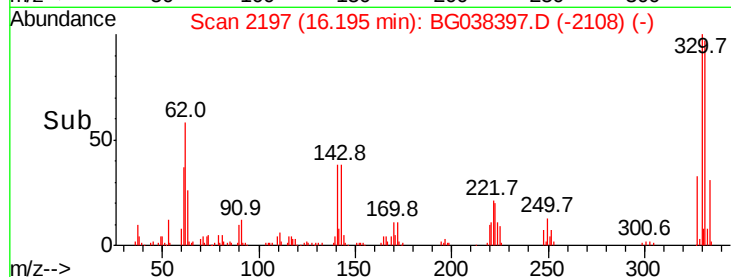
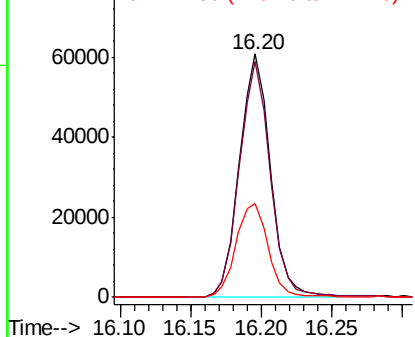
#42
 2,4,6-Tribromophenol
 Concen: 95.166 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BG038397.D
 Acq: 7 Dec 2018 1:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.4	117.6
141	39.9	32.2	48.2

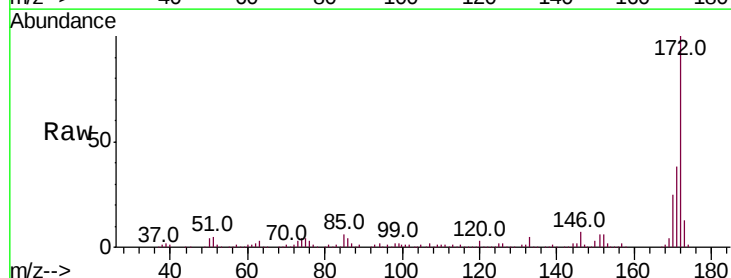


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

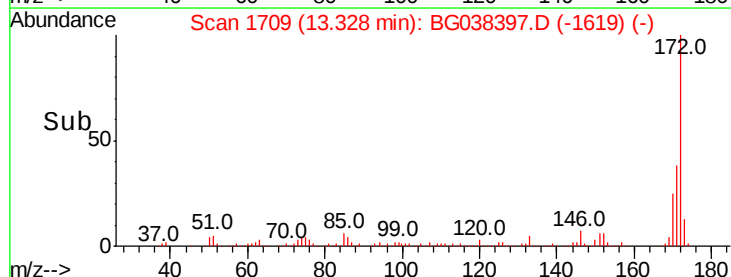
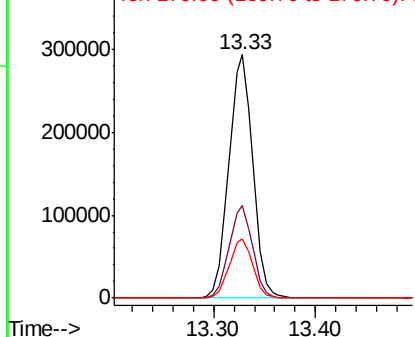


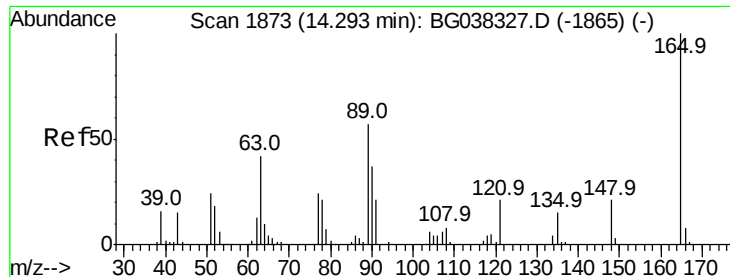
#45
 2-Fluorobiphenyl
 Concen: 85.422 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038397.D
 Acq: 7 Dec 2018 1:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	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

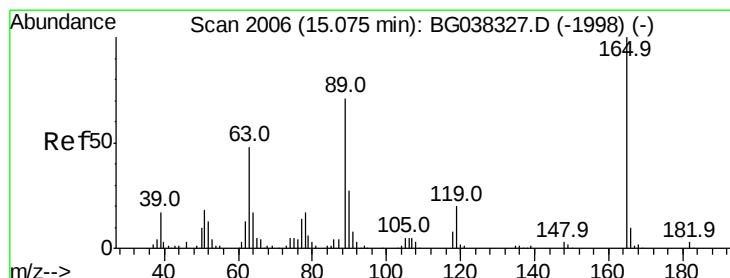
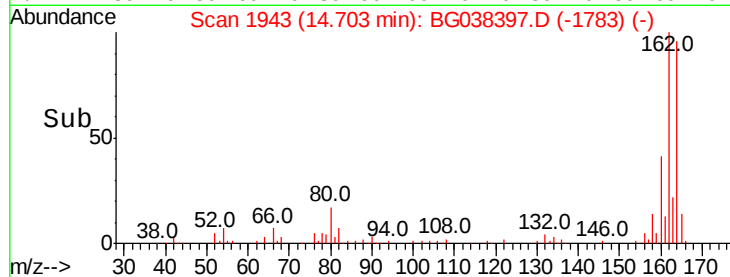
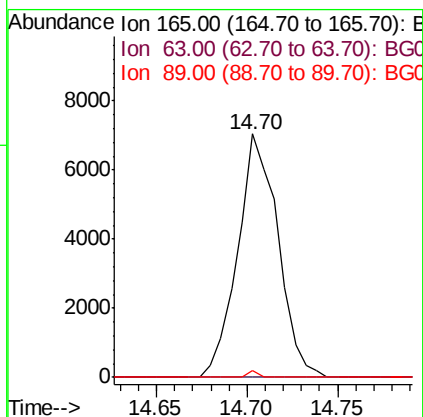
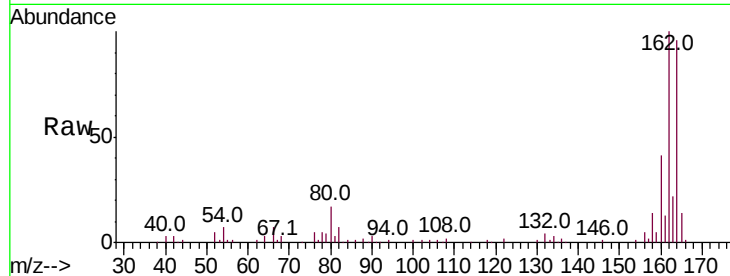




#51
 2,6-Dinitrotoluene
 Concen: 7.402 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. 0.41 min
 Lab File: BG038397.D
 Acq: 7 Dec 2018 1:05

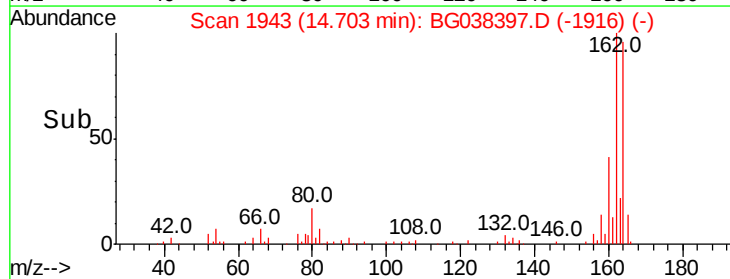
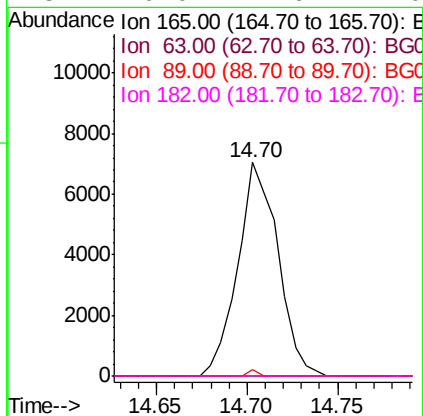
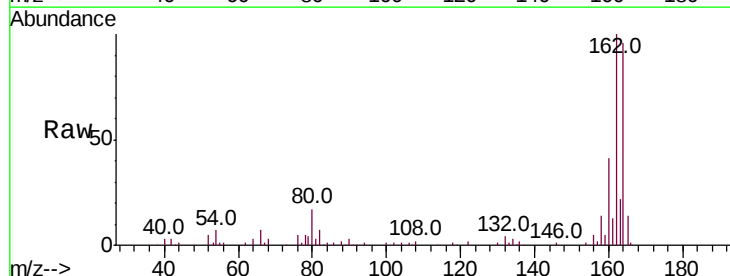
Instrument :
 BNA_G
 ClientSampleId :

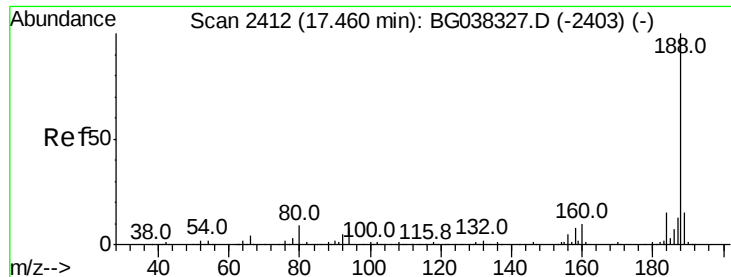
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	2.7	45.8	68.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.367 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. -0.37 min
 Lab File: BG038397.D
 Acq: 7 Dec 2018 1:05

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

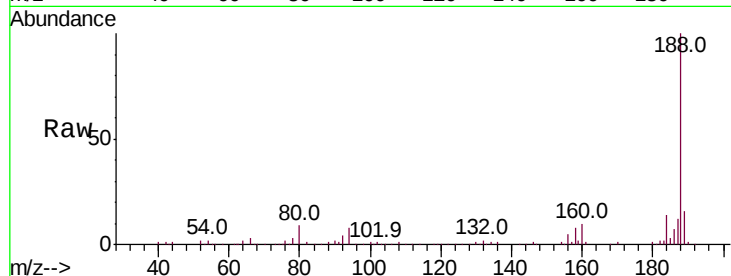




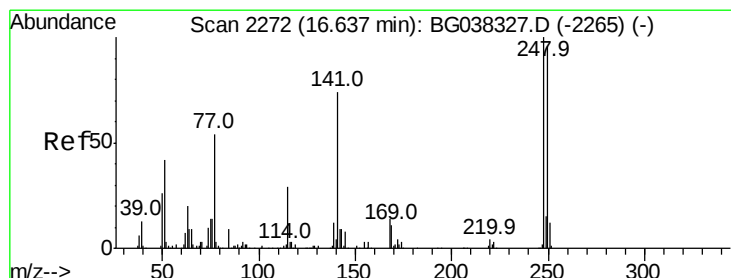
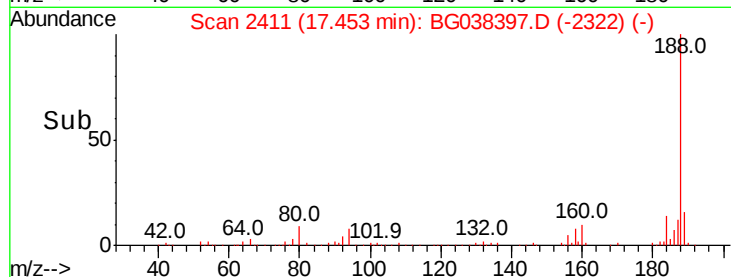
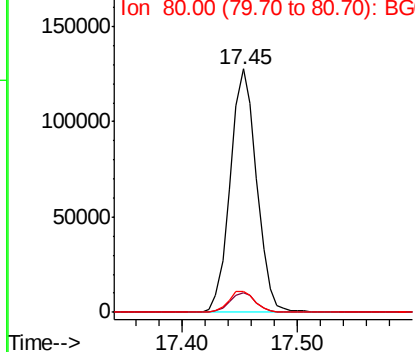
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG038397.D
Acq: 7 Dec 2018 1:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 202595
Ion Ratio Lower Upper
188 100
94 7.9 7.2 10.8
80 8.5 7.7 11.5

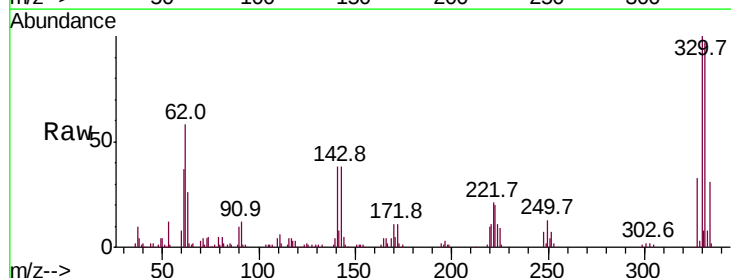


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

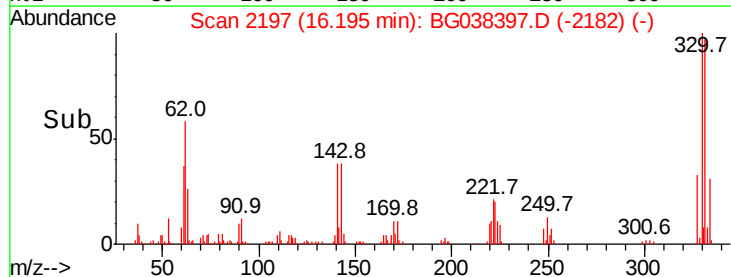
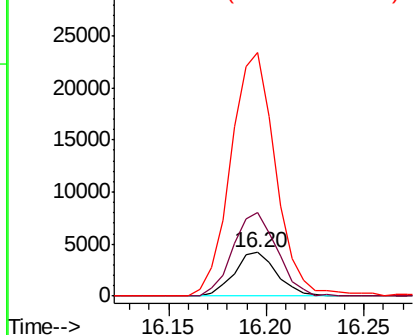


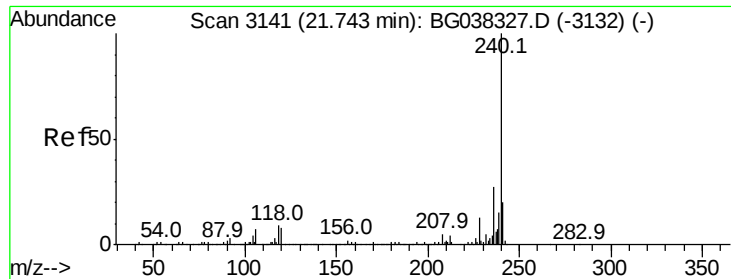
#67
4-Bromophenyl-phenylether
Concen: 2.894 ng
RT: 16.20 min Scan# 2197
Delta R.T. -0.44 min
Lab File: BG038397.D
Acq: 7 Dec 2018 1:05

Tgt Ion:248 Resp: 6332
Ion Ratio Lower Upper
248 100
250 196.6 77.0 115.6#
141 430.0 55.5 83.3#



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

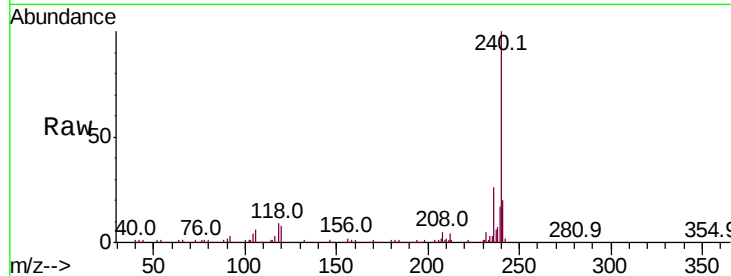




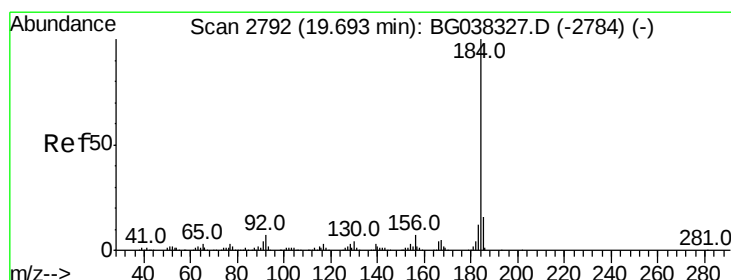
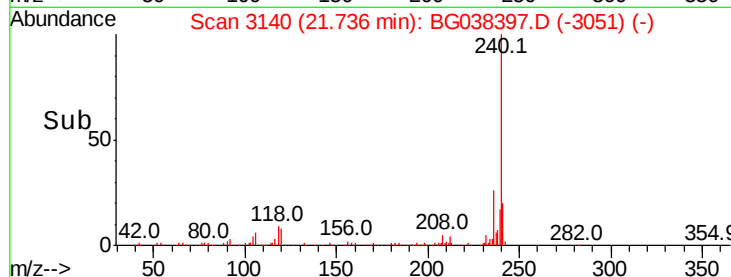
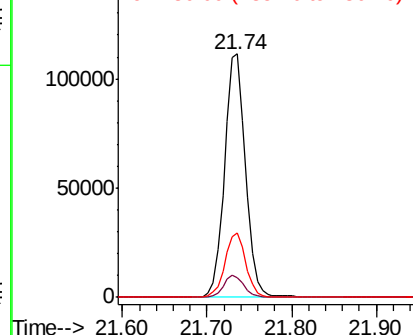
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG038397.D
Acq: 7 Dec 2018 1:05

Instrument :
BNA_G
ClientSampled :

Tot Ion:240 Resp: 191966
Ion Ratio Lower Upper
240 100
120 7.9 8.1 12.1#
236 26.3 21.4 32.0

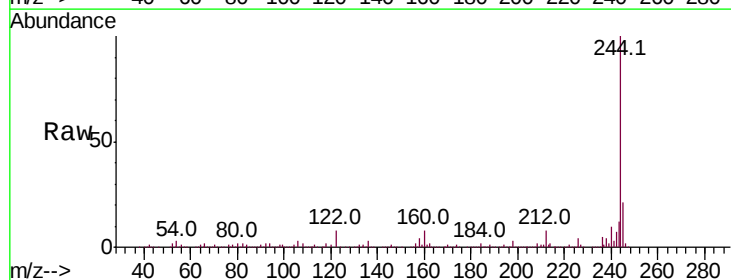


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

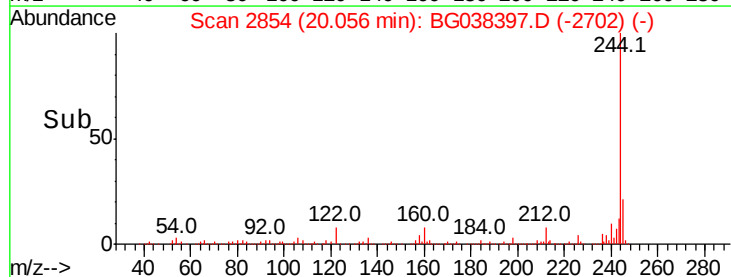
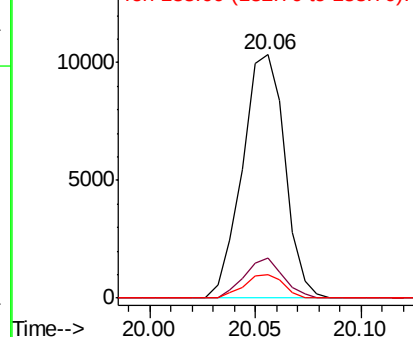


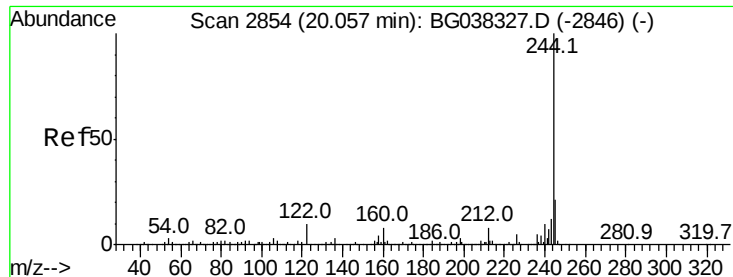
#77
Benzidine
Concen: 2.233 ng
RT: 20.06 min Scan# 2854
Delta R.T. 0.36 min
Lab File: BG038397.D
Acq: 7 Dec 2018 1:05

Tgt Ion:184 Resp: 14462
Ion Ratio Lower Upper
184 100
185 16.3 12.6 18.8
183 9.4 10.2 15.2#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 92.273 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038397.D

Acq: 7 Dec 2018 1:05

Instrument :

BNA_G

ClientSampleId :

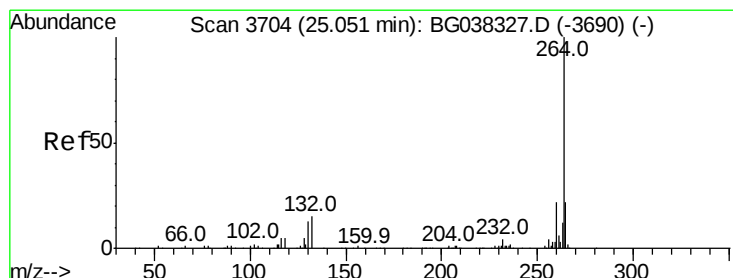
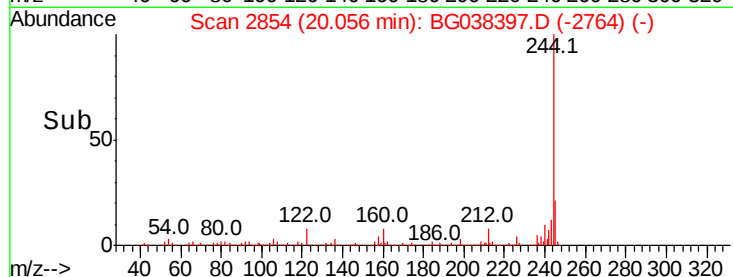
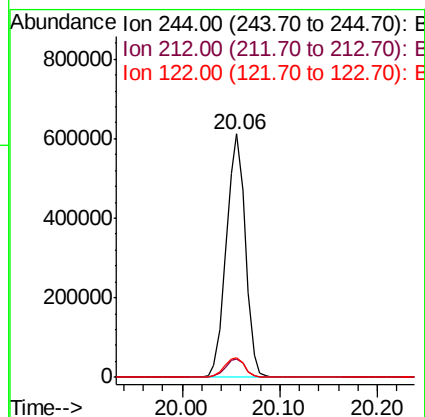
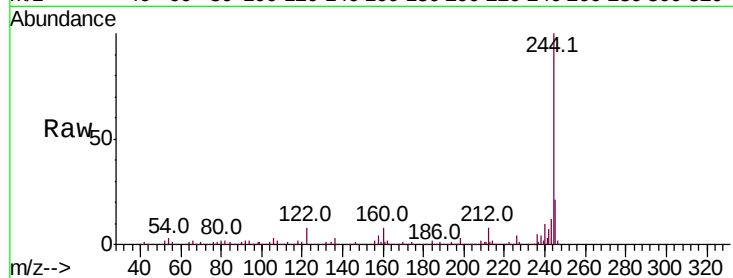
Tot Ion:244 Resp: 826851

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

122 8.3 9.0 13.4#



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG038397.D

Acq: 7 Dec 2018 1:05

Tgt Ion:264 Resp: 201547

Ion Ratio Lower Upper

264 100

260 21.1 18.2 27.4

265 21.2 17.9 26.9

