

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120618\
 Data File : BG038399.D
 Acq On : 7 Dec 2018 2:24
 Operator : JU/SJ
 Sample : J6255-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 07 04:32:24 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

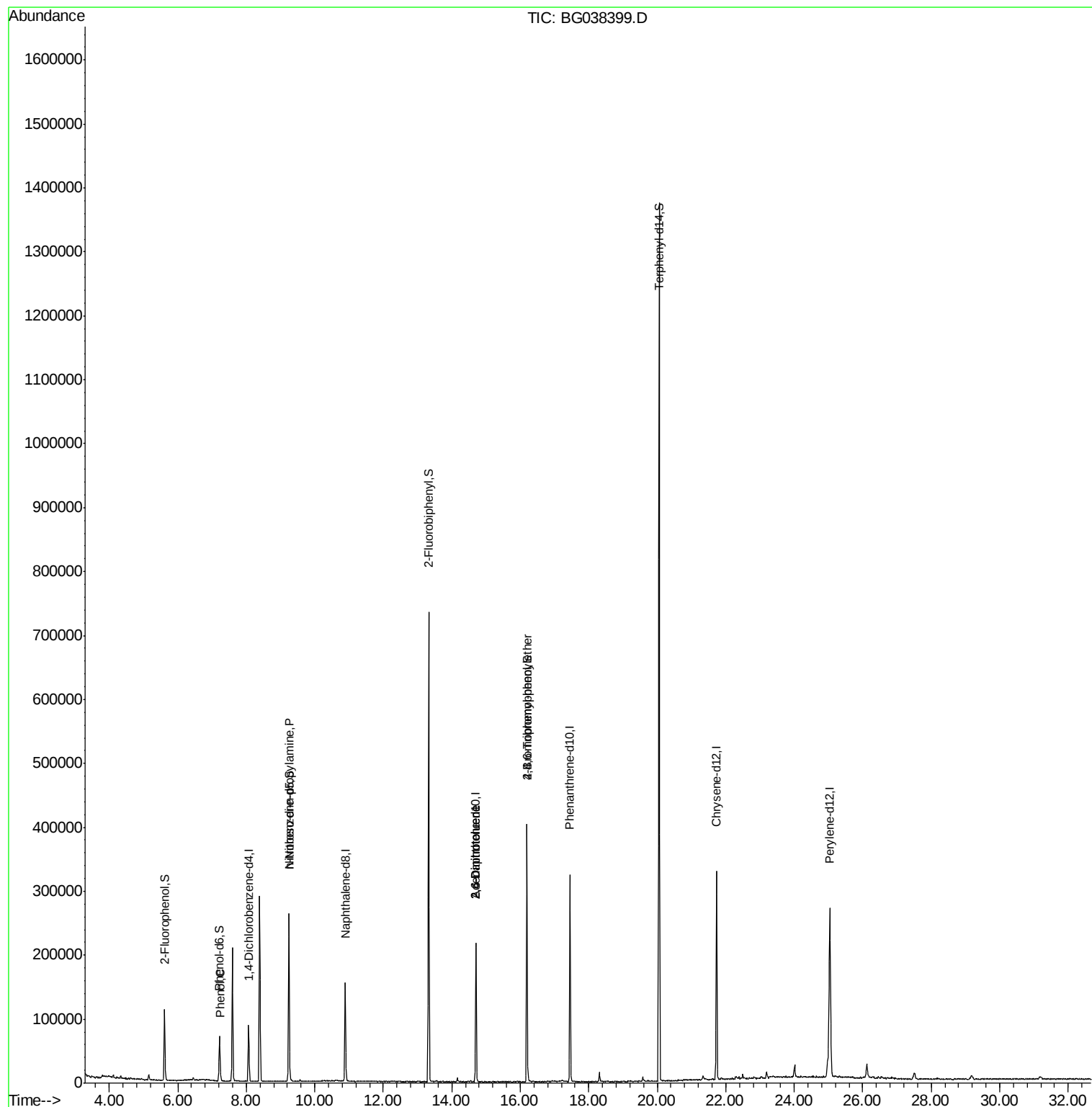
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	25785	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	138460	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	81131	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	215439	20.00	ng	0.00
76) Chrysene-d12	21.73	240	196989	20.00	ng	-0.01
87) Perylene-d12	25.04	264	289848	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	50325	34.54	ng	0.00
7) Phenol-d6	7.21	99	44925	21.33	ng	-0.01
23) Nitrobenzene-d5	9.25	82	161718	57.99	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	77214	77.53	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	399895	70.23	ng	0.00
79) Terphenyl-d14	20.06	244	694969	75.58	ng	0.00
Target Compounds						
10) Phenol	7.24	94	7432	3.340	ng	96
19) n-Nitroso-di-n-propylamine	9.25	70	21408	12.459	ng	# 83
51) 2,6-Dinitrotoluene	14.71	165	10233	6.884	ng	# 23
57) 2,4-Dinitrotoluene	14.71	165	10233	4.991	ng	# 23
67) 4-Bromophenyl-phenylether	16.19	248	5411	2.326	ng	# 1

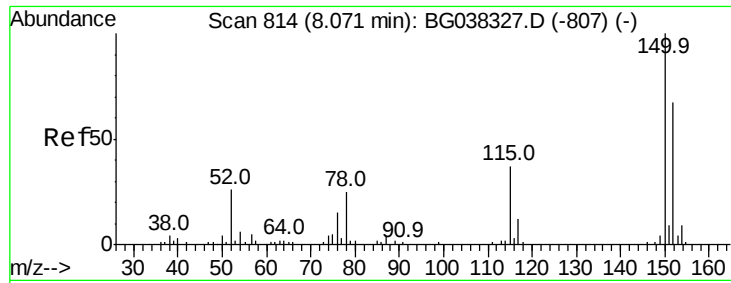
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
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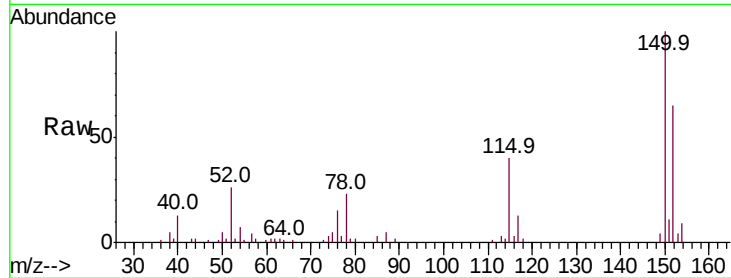


#1

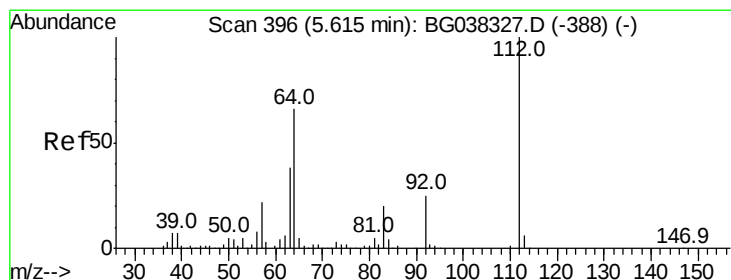
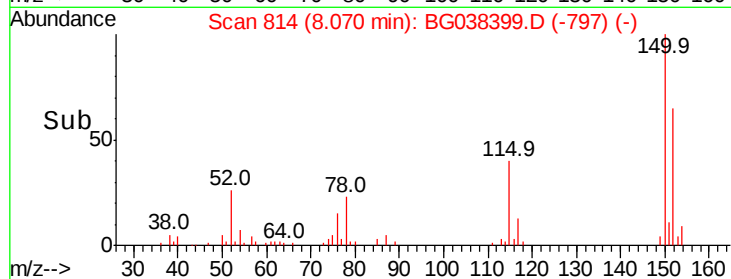
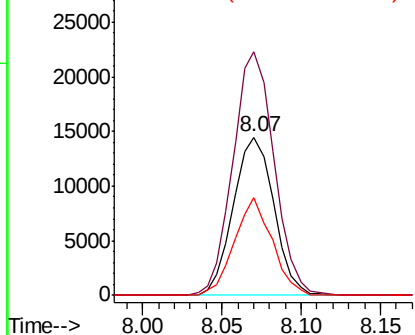
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038399.D
Acq: 7 Dec 2018 2:24

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	126.0	189.0
115	61.7	45.5	68.3



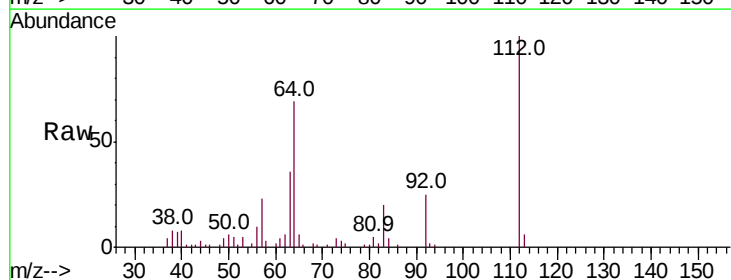
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



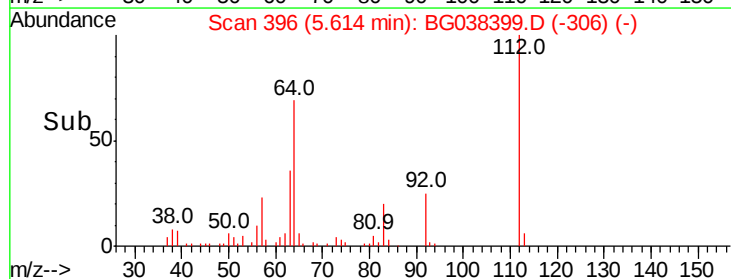
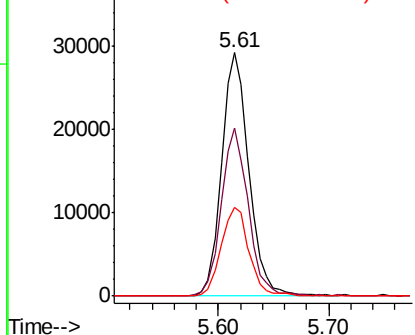
#5

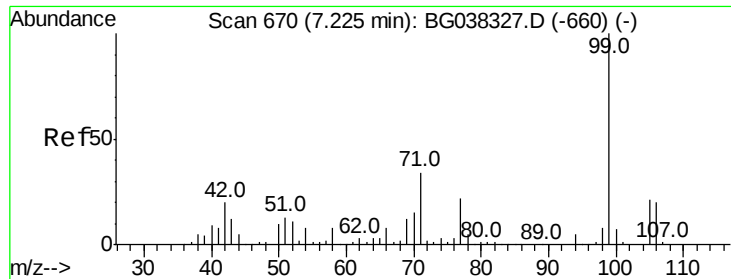
2-Fluorophenol
Concen: 34.538 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG038399.D
Acq: 7 Dec 2018 2:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.9	53.1	79.7
63	36.4	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: 21.332 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG038399.D

Acq: 7 Dec 2018 2:24

Instrument :

BNA_G

ClientSampleId :

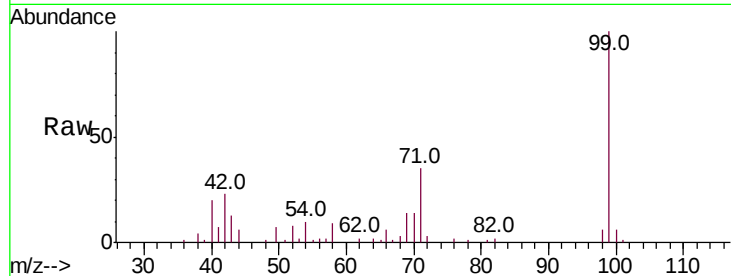
Tot Ion: 99 Resp: 44925

Ion Ratio Lower Upper

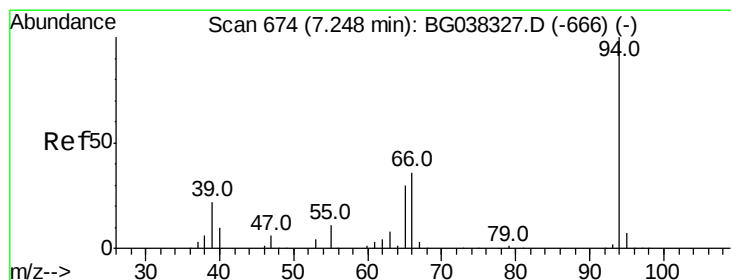
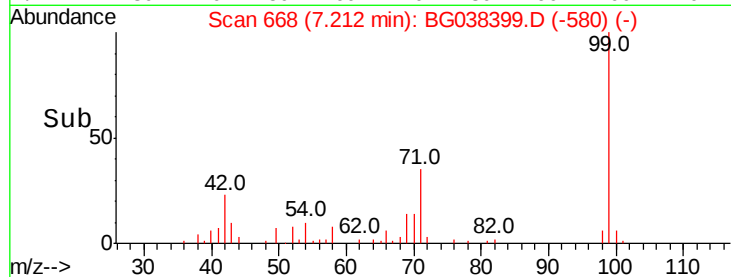
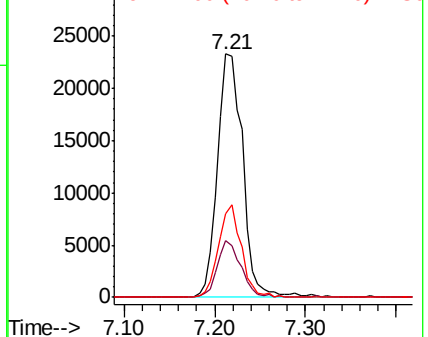
99 100

42 23.3 15.0 22.4#

71 34.6 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: 3.340 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG038399.D

Acq: 7 Dec 2018 2:24

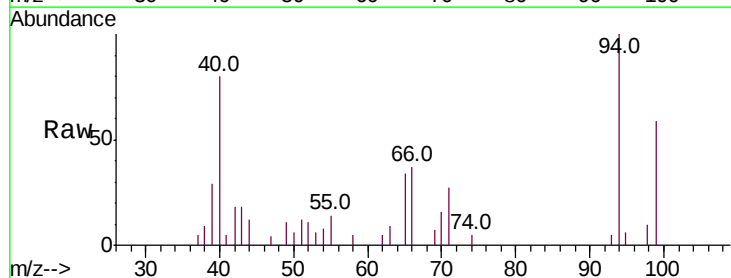
Tgt Ion: 94 Resp: 7432

Ion Ratio Lower Upper

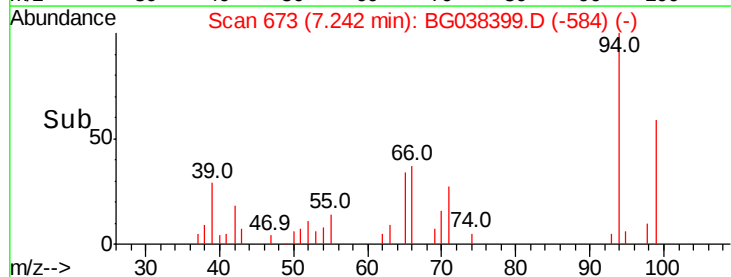
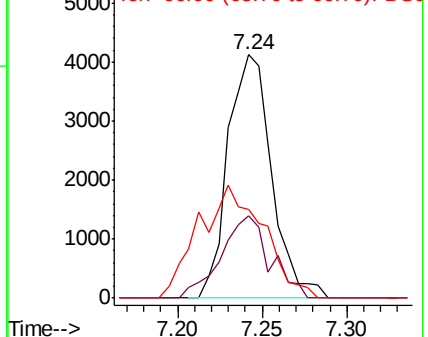
94 100

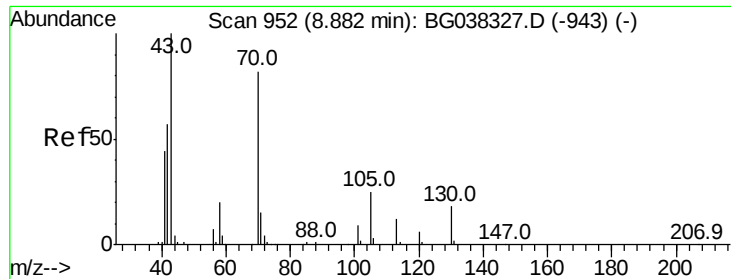
65 33.6 9.7 49.7

66 36.6 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

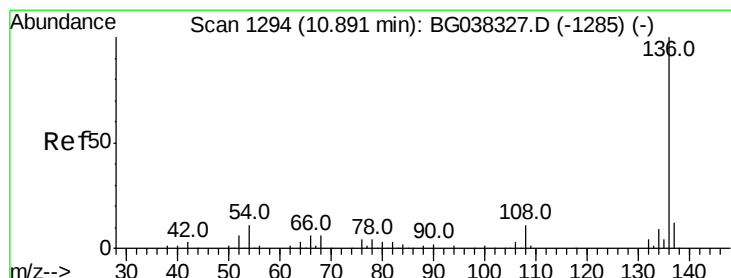
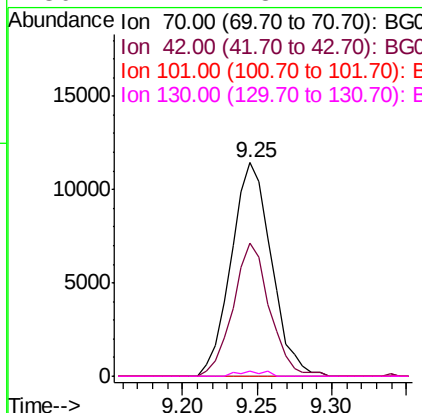
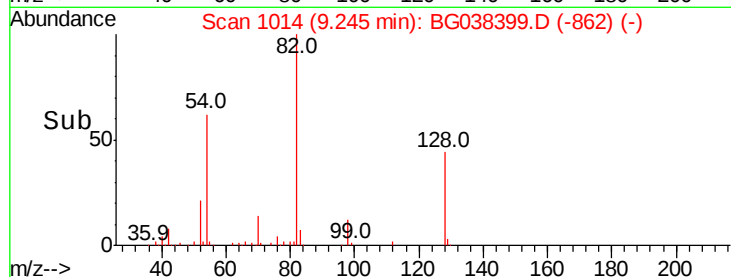
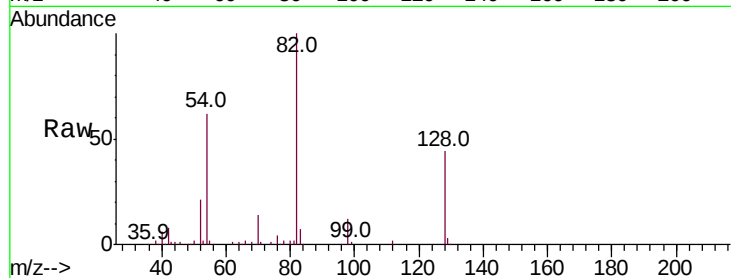




#19
 n-Nitroso-di-n-propylamine
 Concen: 12.459 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. 0.36 min
 Lab File: BG038399.D
 Acq: 7 Dec 2018 2:24

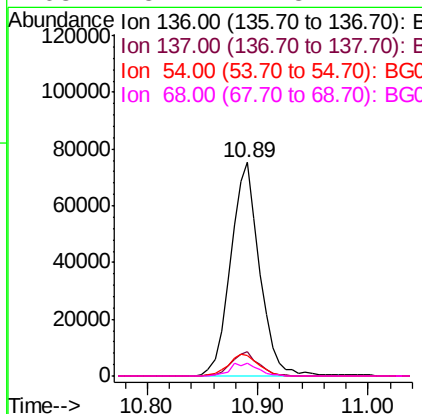
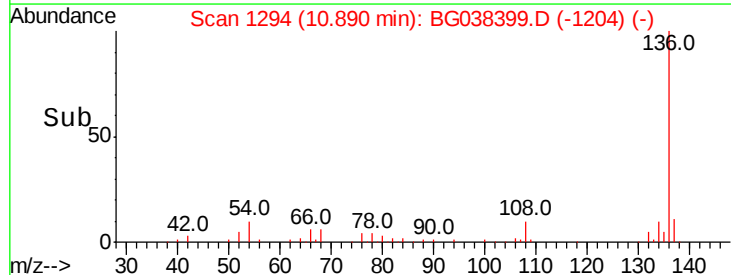
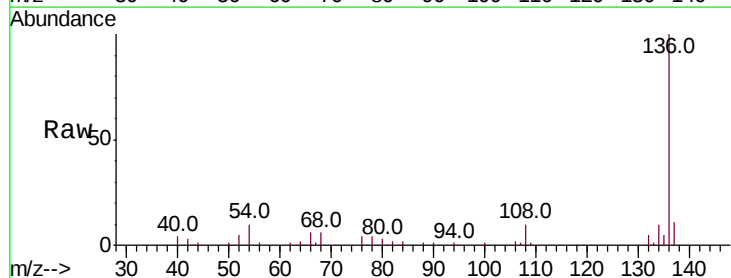
Instrument :
 BNA_G
 ClientSampleId :

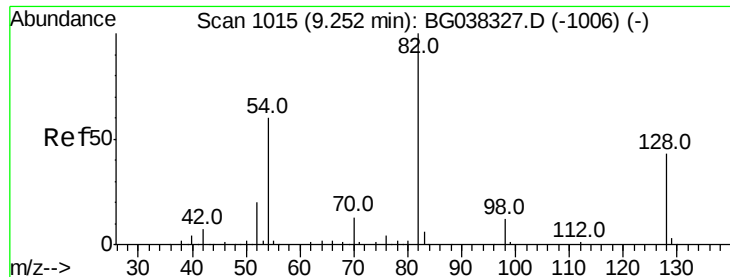
Tot Ion: 70 Resp: 21408
 Ion Ratio Lower Upper
 70 100
 42 62.1 53.9 80.9
 101 0.0 8.2 12.2#
 130 2.2 18.2 27.4#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.89 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BG038399.D
 Acq: 7 Dec 2018 2:24

Tgt Ion: 136 Resp: 138460
 Ion Ratio Lower Upper
 136 100
 137 11.2 9.6 14.4
 54 9.9 7.9 11.9
 68 5.7 4.8 7.2

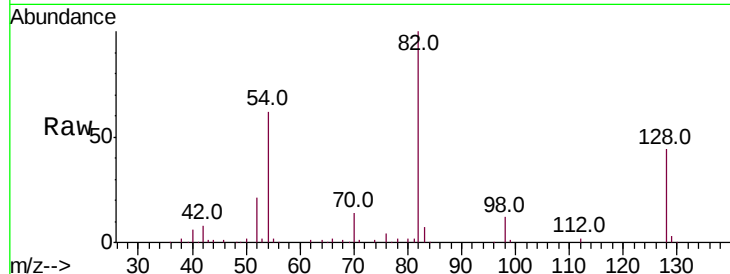




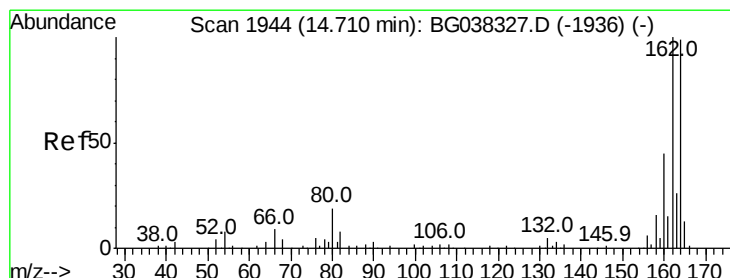
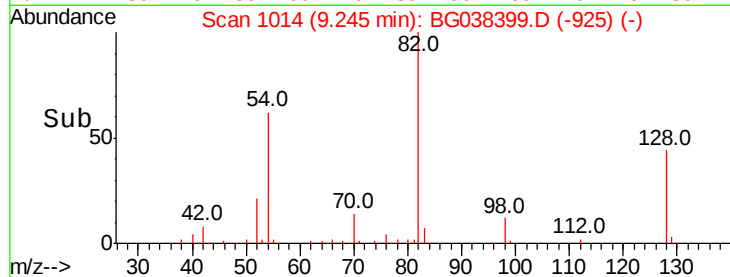
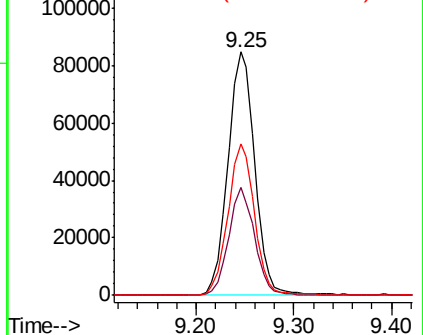
#23
Nitrobenzene-d5
Concen: 57.988 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038399.D
Acq: 7 Dec 2018 2:24

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 161718
Ion Ratio Lower Upper
82 100
128 44.4 34.6 51.8
54 62.3 45.3 67.9

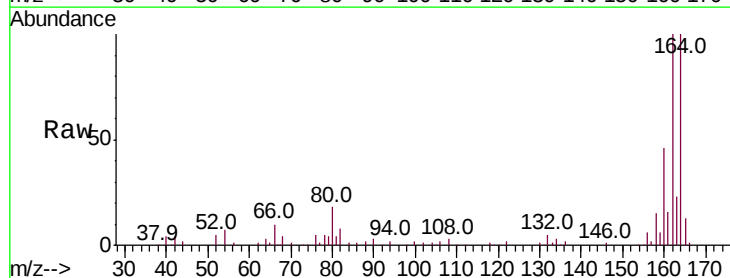


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

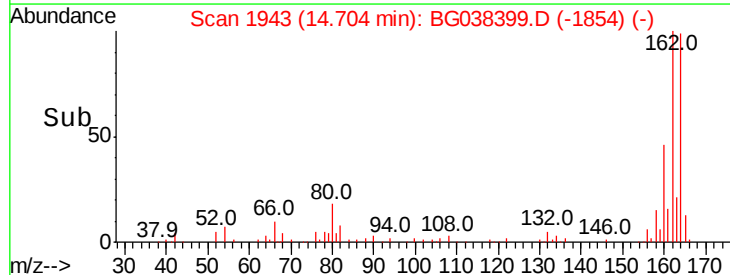
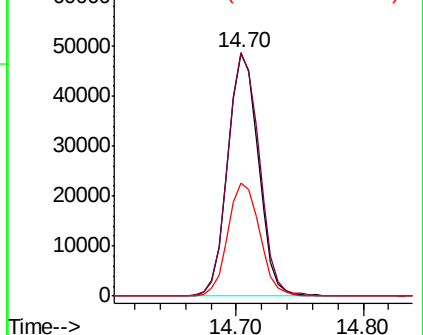


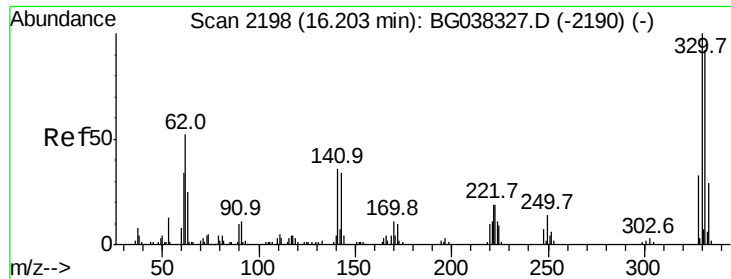
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG038399.D
Acq: 7 Dec 2018 2:24

Tgt Ion:164 Resp: 81131
Ion Ratio Lower Upper
164 100
162 100.4 81.3 121.9
160 46.4 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

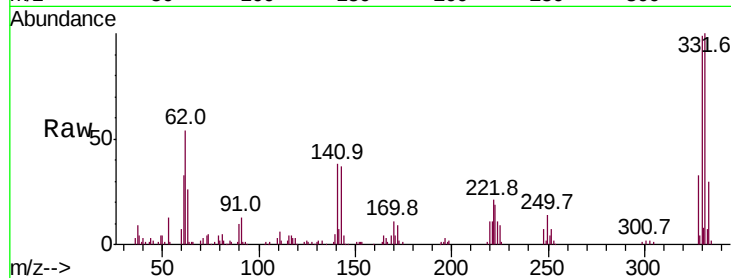




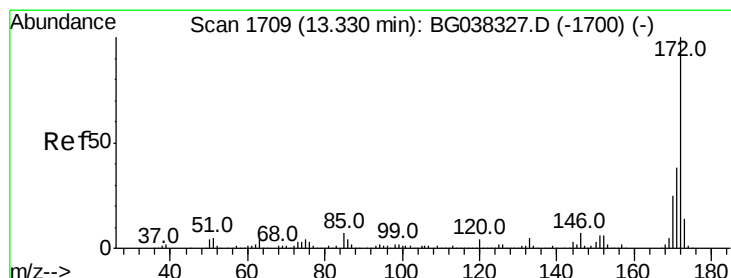
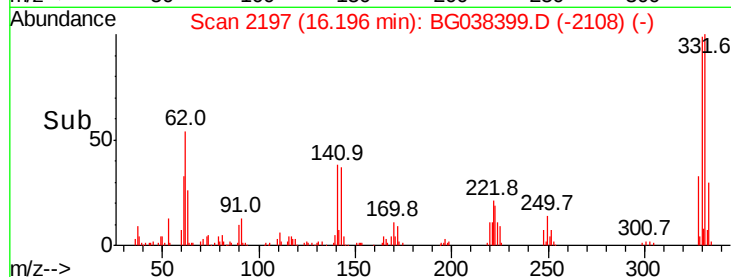
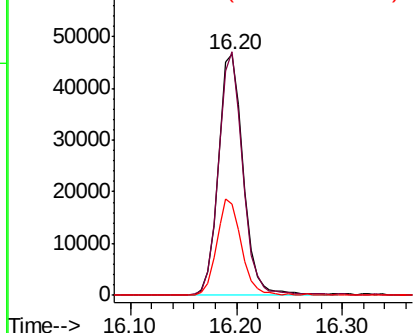
#42
 2,4,6-Tribromophenol
 Concen: 77.525 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BG038399.D
 Acq: 7 Dec 2018 2:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 77214
 Ion Ratio Lower Upper
 330 100
 332 97.7 78.4 117.6
 141 39.5 32.2 48.2

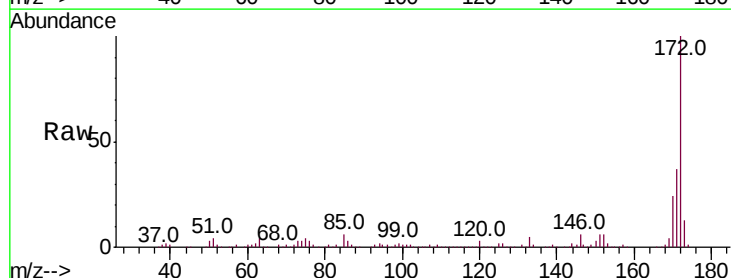


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

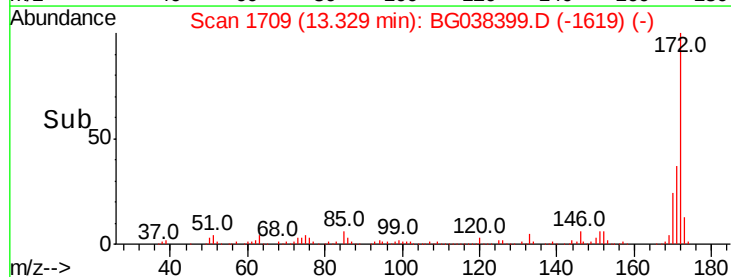
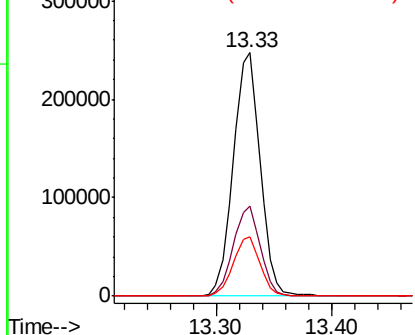


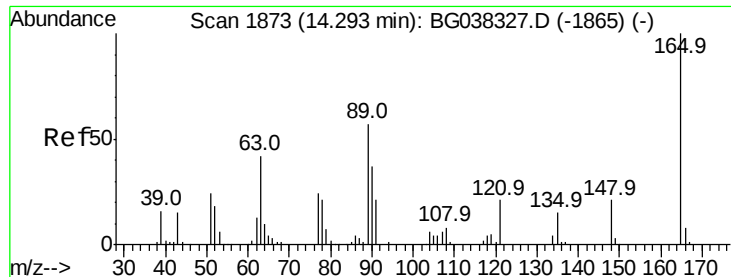
#45
 2-Fluorobiphenyl
 Concen: 70.234 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038399.D
 Acq: 7 Dec 2018 2:24

Tgt Ion:172 Resp: 399895
 Ion Ratio Lower Upper
 172 100
 171 36.9 31.0 46.4
 170 24.3 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

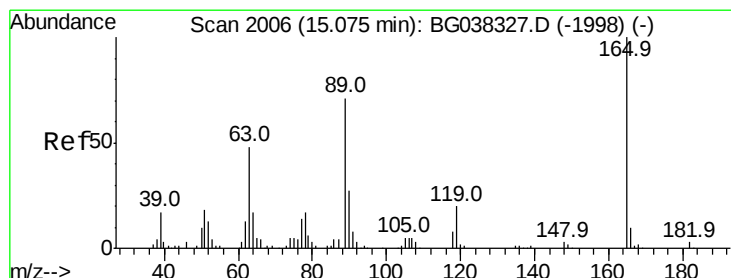
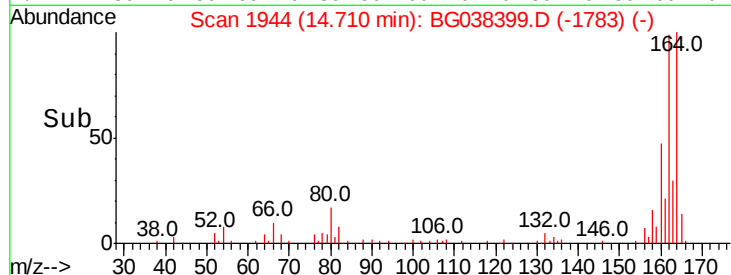
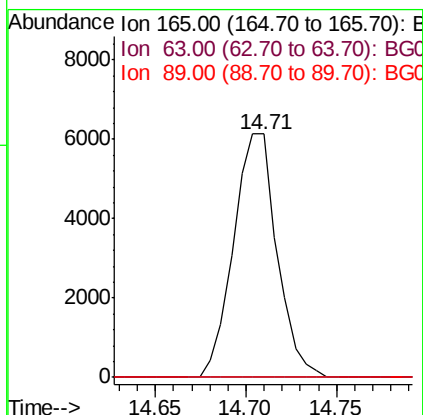
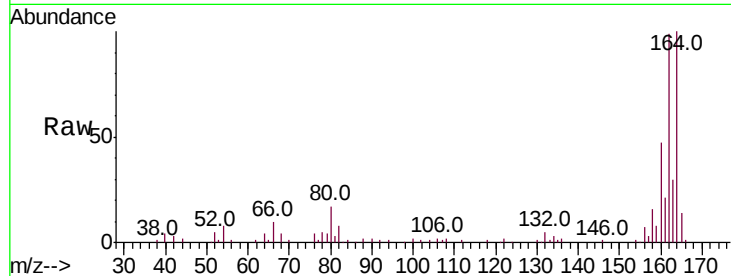




#51
 2,6-Dinitrotoluene
 Concen: 6.884 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. 0.42 min
 Lab File: BG038399.D
 Acq: 7 Dec 2018 2:24

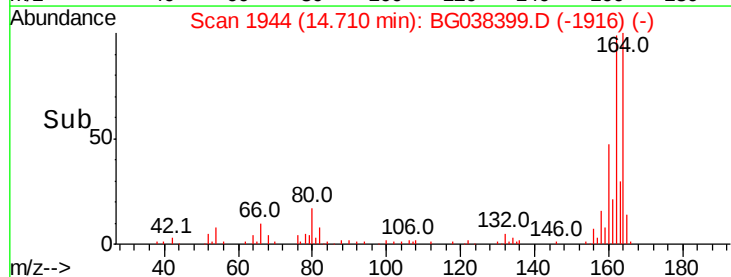
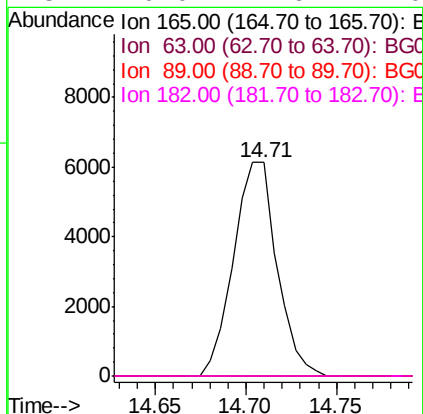
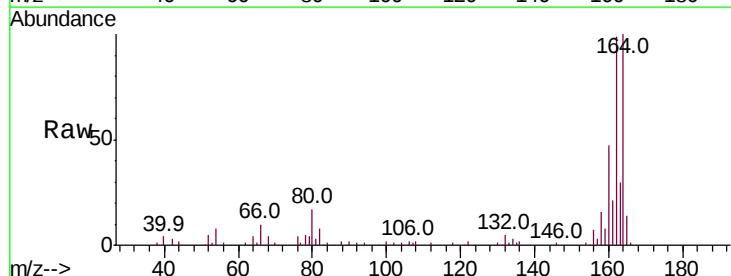
Instrument :
 BNA_G
 ClientSampleId :

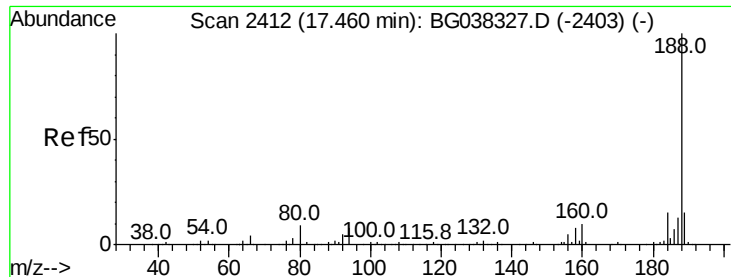
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	0.0	45.8	68.6#



#57
 2,4-Dinitrotoluene
 Concen: 4.991 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. -0.37 min
 Lab File: BG038399.D
 Acq: 7 Dec 2018 2:24

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

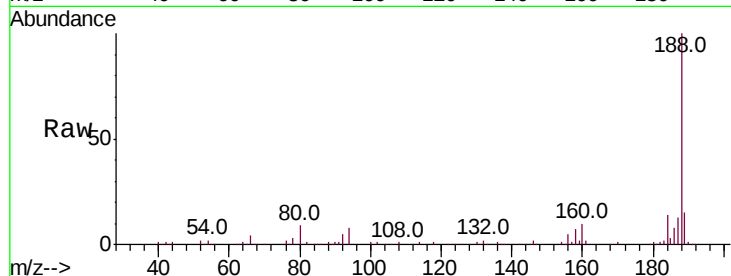




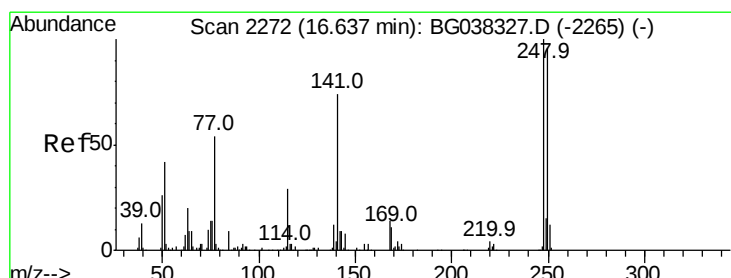
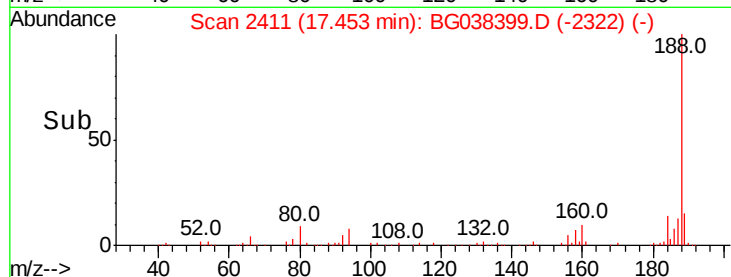
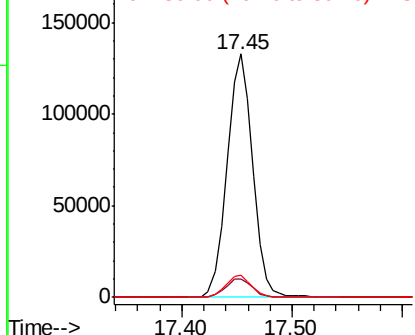
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG038399.D
 Acq: 7 Dec 2018 2:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 215439
 Ion Ratio Lower Upper
 188 100
 94 7.7 7.2 10.8
 80 9.3 7.7 11.5

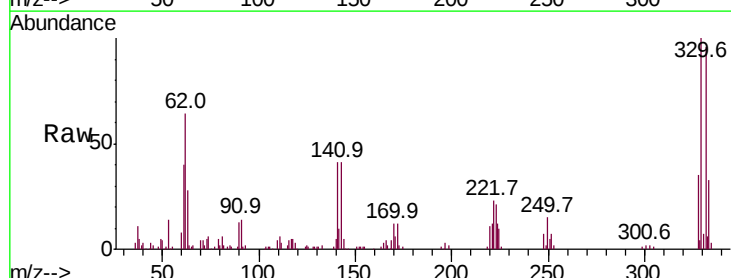


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

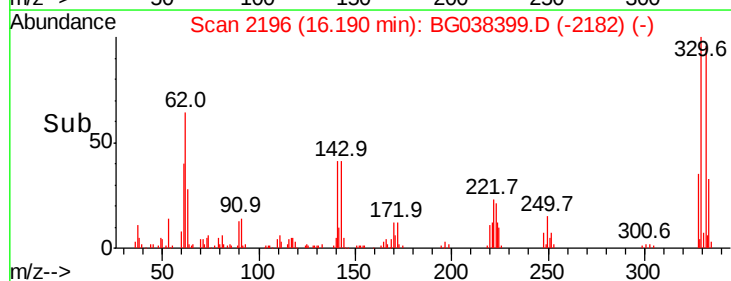
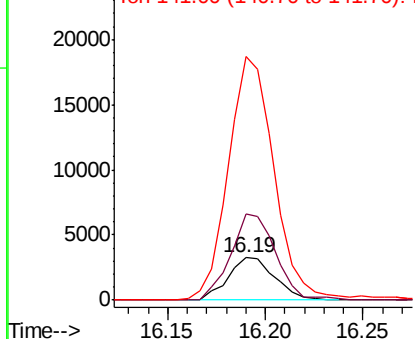


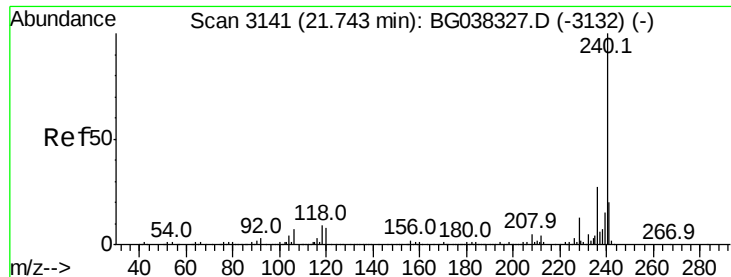
#67
 4-Bromophenyl-phenylether
 Concen: 2.326 ng
 RT: 16.19 min Scan# 2196
 Delta R.T. -0.45 min
 Lab File: BG038399.D
 Acq: 7 Dec 2018 2:24

Tgt Ion:248 Resp: 5411
 Ion Ratio Lower Upper
 248 100
 250 210.7 77.0 115.6#
 141 450.1 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: 21.73 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG038399.D

Acq: 7 Dec 2018 2:24

Instrument :

BNA_G

ClientSampleId :

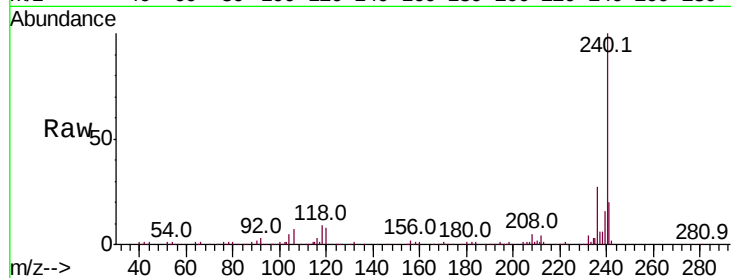
Tot Ion:240 Resp: 196989

Ion Ratio Lower Upper

240 100

120 8.1 8.1 12.1

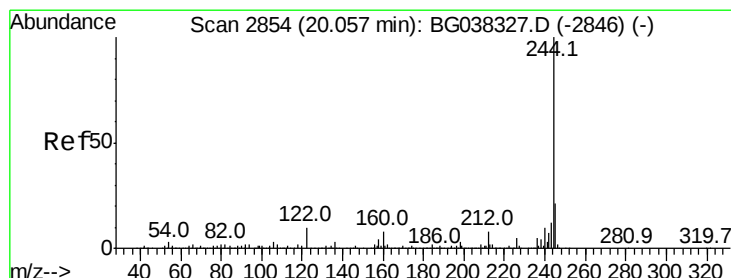
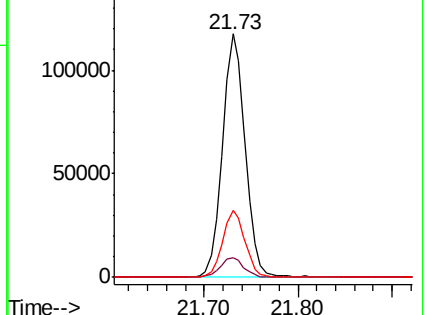
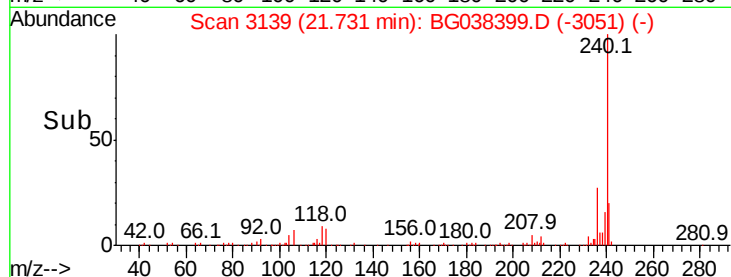
236 27.3 21.4 32.0



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



#79

Terphenyl-d14

Concen: 75.578 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038399.D

Acq: 7 Dec 2018 2:24

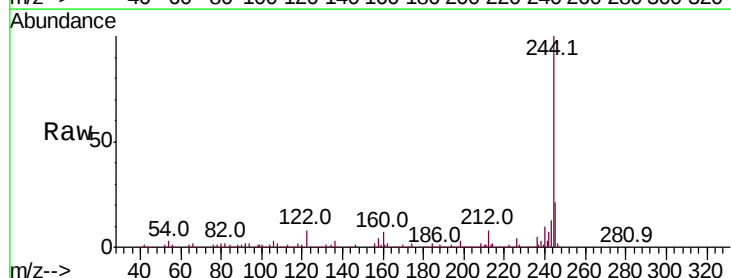
Tgt Ion:244 Resp: 694969

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

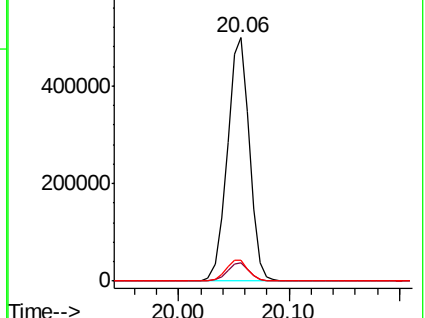
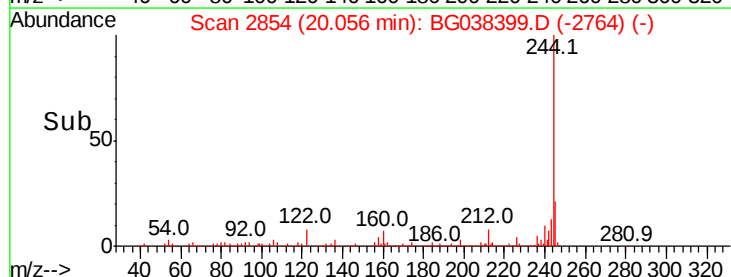
122 8.4 9.0 13.4#

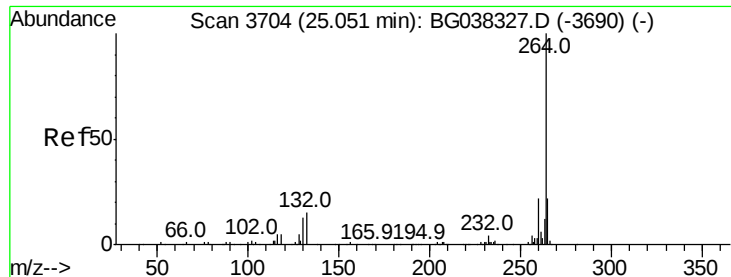


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.04 min Scan# 3702
 Delta R.T. -0.01 min
 Lab File: BG038399.D
 Acq: 7 Dec 2018 2:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	21.4	17.9	26.9

