

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120318\
 Data File : BG038318.D
 Acq On : 4 Dec 2018 2:55
 Operator : JU/SJ
 Sample : J6179-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S9-0-0.5-BGS

Quant Time: Dec 04 05:05:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

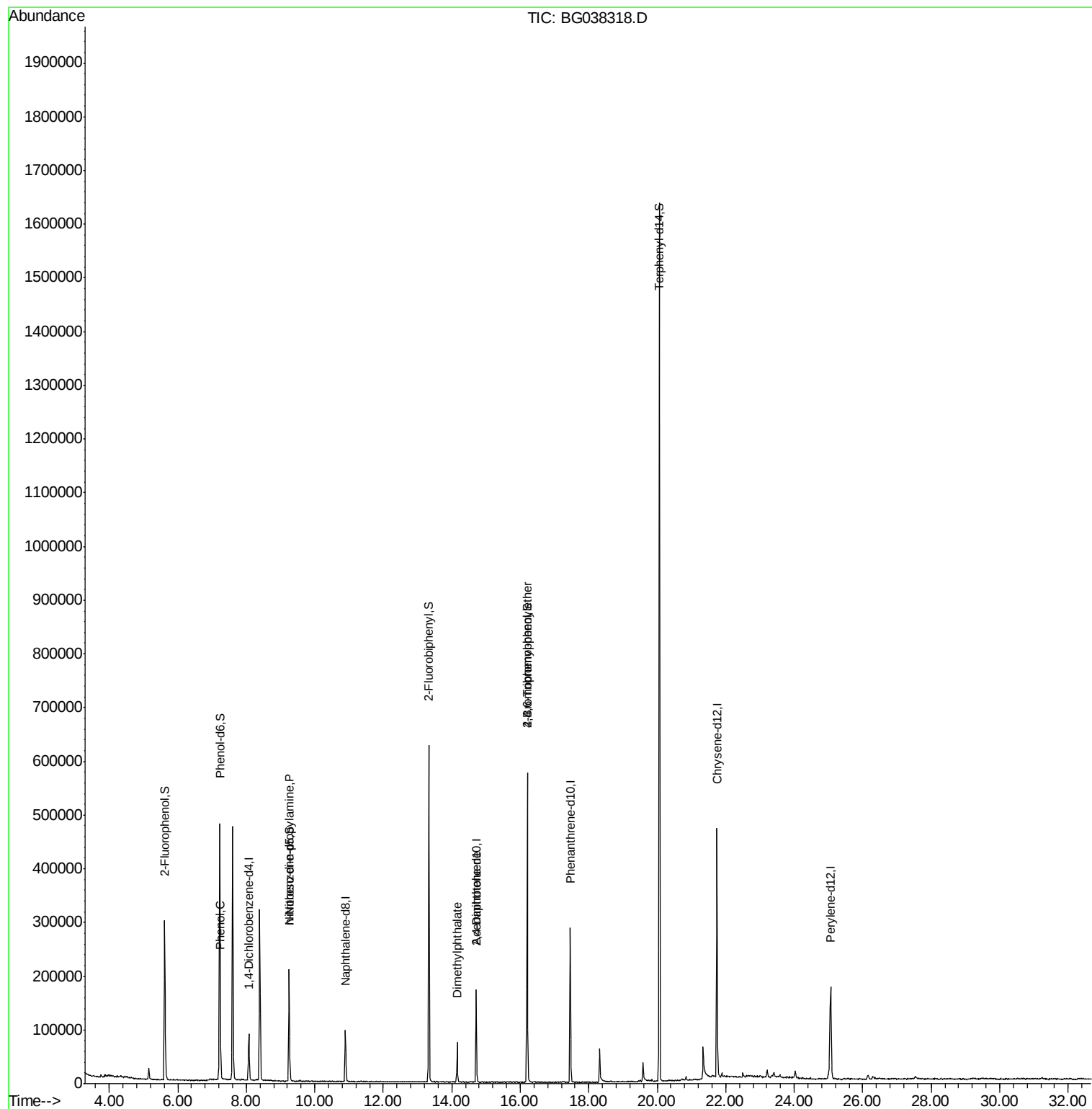
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	26185	20.00	ng	-0.01
21) Naphthalene-d8	10.90	136	88462	20.00	ng	-0.01
39) Acenaphthene-d10	14.72	164	63075	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	183701	20.00	ng	-0.01
76) Chrysene-d12	21.74	240	275211	20.00	ng	-0.01
87) Perylene-d12	25.06	264	201822	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	140053	92.35	ng	-0.01
7) Phenol-d6	7.22	99	308749	142.62	ng	0.00
23) Nitrobenzene-d5	9.25	82	134288	81.26	ng	-0.01
42) 2,4,6-Tribromophenol	16.20	330	107813	149.87	ng	-0.01
45) 2-Fluorobiphenyl	13.33	172	341653	78.91	ng	-0.01
79) Terphenyl-d14	20.06	244	755499	64.59	ng	0.00
Target Compounds						
10) Phenol	7.25	94	20815	9.077	ng	87
19) n-Nitroso-di-n-propylamine	9.25	70	17542	11.199	ng	# 78
50) Dimethylphthalate	14.16	163	53792	10.757	ng	98
57) 2,4-Dinitrotoluene	14.71	165	7533	4.892	ng	# 23
67) 4-Bromophenyl-phenylether	16.20	248	7574	3.756	ng	# 1

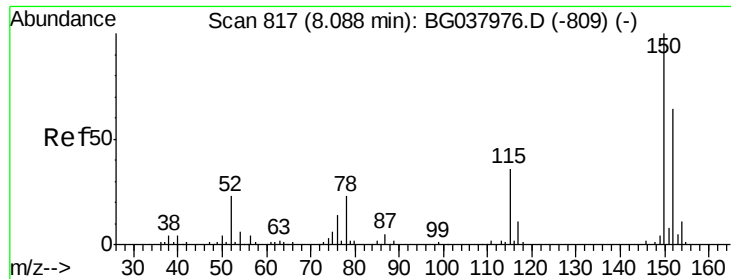
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120318\
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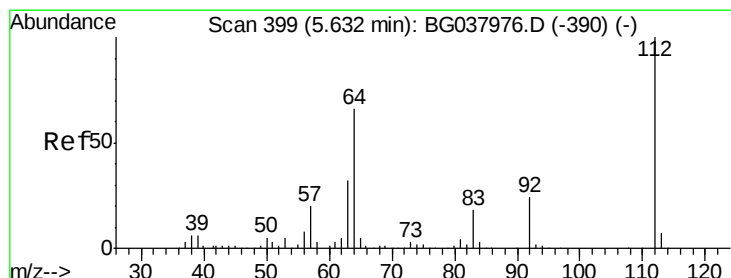
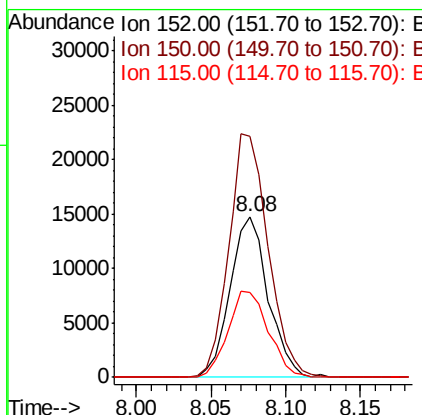
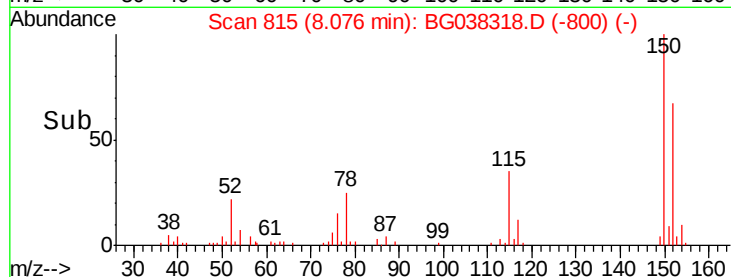
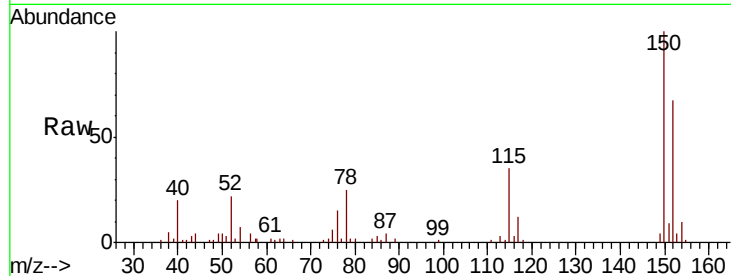




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BG038318.D
 Acq: 4 Dec 2018 2:55

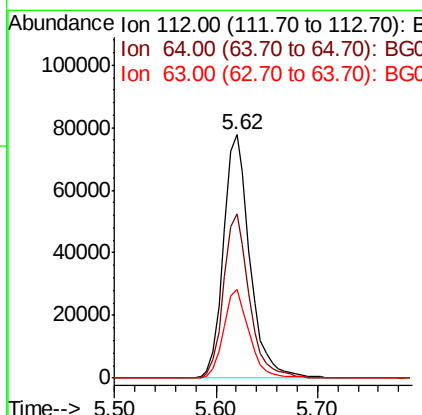
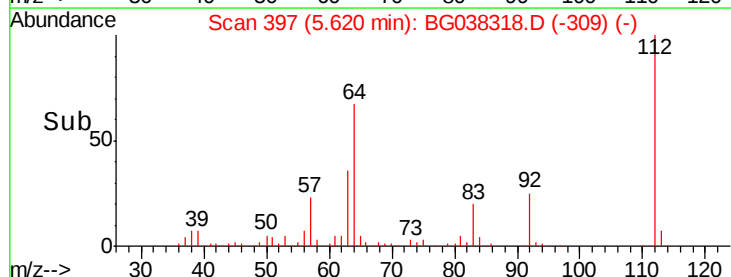
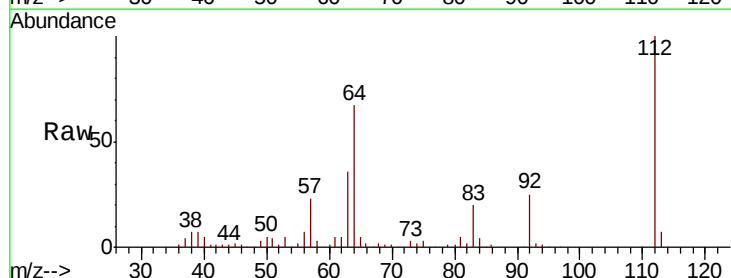
Instrument :
 BNA_G
 ClientSampleId :
 S9-0-0.5-BGS

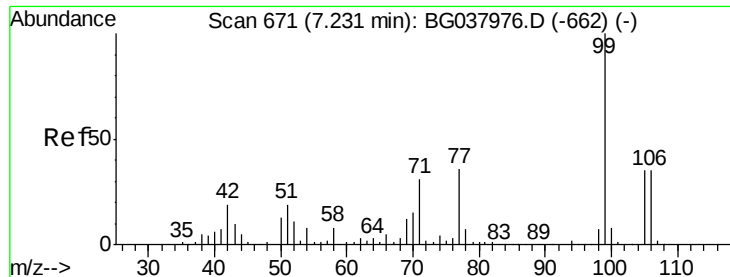
Tgt Ion:152 Resp: 26185
 Ion Ratio Lower Upper
 152 100
 150 149.6 126.0 189.0
 115 53.0 45.5 68.3



#5
 2-Fluorophenol
 Concen: 92.347 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.01 min
 Lab File: BG038318.D
 Acq: 4 Dec 2018 2:55

Tgt Ion:112 Resp: 140053
 Ion Ratio Lower Upper
 112 100
 64 67.2 53.1 79.7
 63 36.2 27.3 40.9





#7

Phenol-d6

Concen: 142.619 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038318.D

Acq: 4 Dec 2018 2:55

Instrument :

BNA_G

ClientSampleId :

S9-0-0.5-BGS

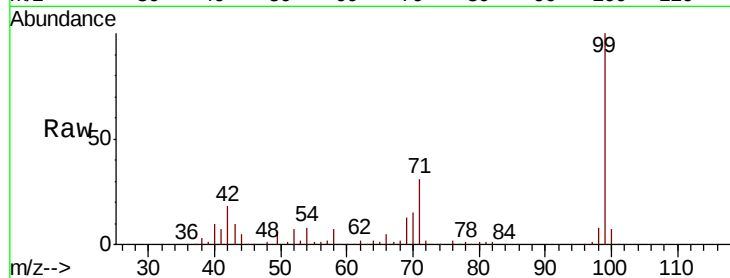
Tgt Ion: 99 Resp: 308749

Ion Ratio Lower Upper

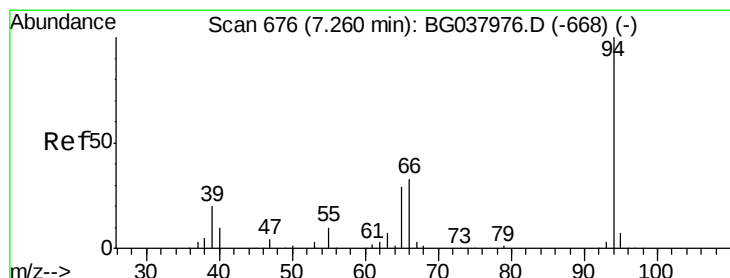
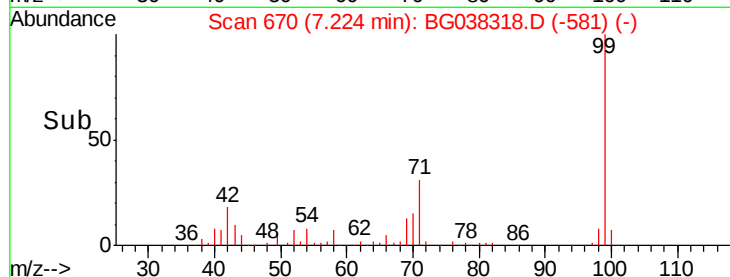
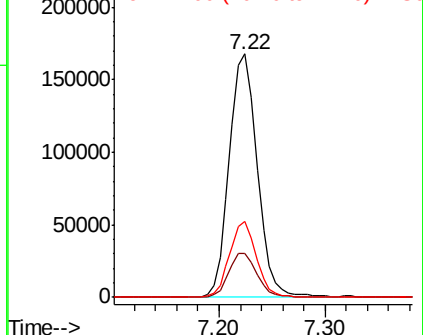
99 100

42 18.3 15.0 22.4

71 31.3 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: 9.077 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG038318.D

Acq: 4 Dec 2018 2:55

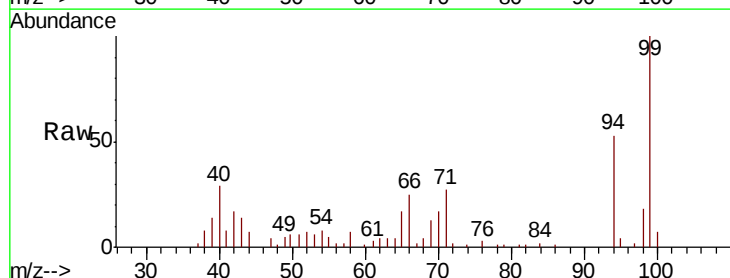
Tgt Ion: 94 Resp: 20815

Ion Ratio Lower Upper

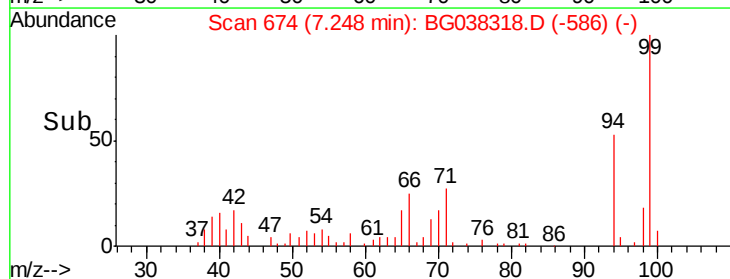
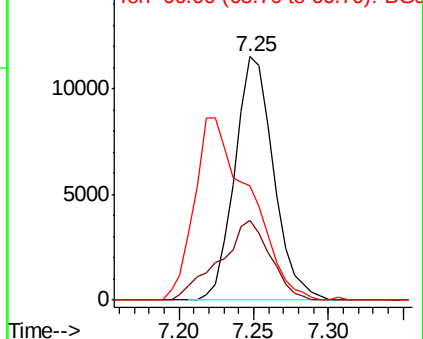
94 100

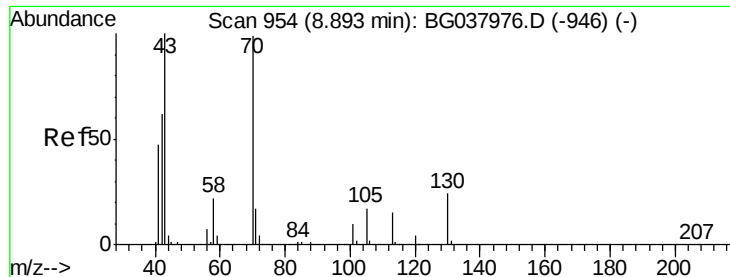
65 32.7 9.7 49.7

66 47.0 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

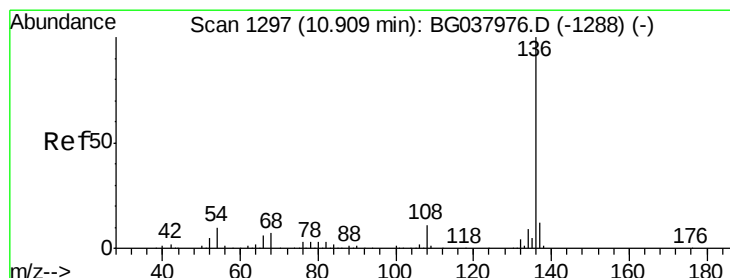
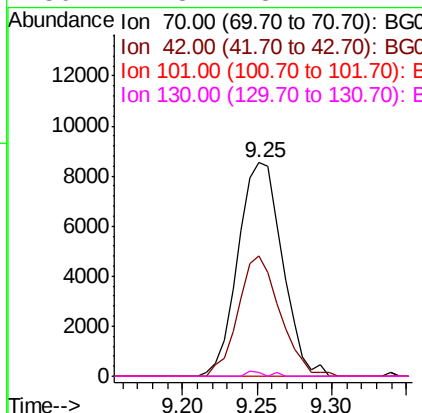
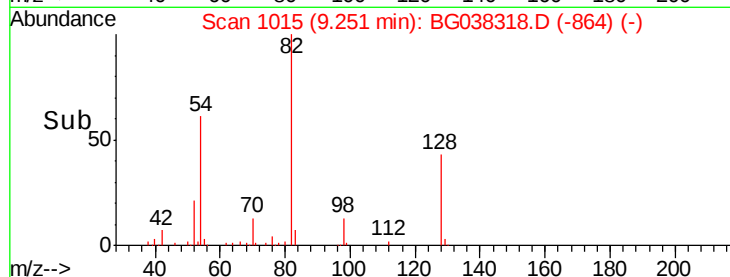
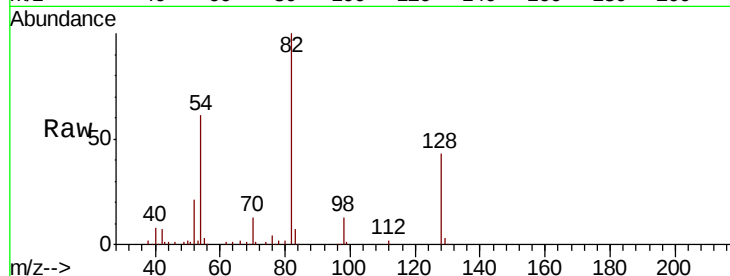




#19
n-Nitroso-di-n-propylamine
Concen: 11.199 ng
RT: 9.25 min Scan# 1015
Delta R.T. 0.36 min
Lab File: BG038318.D
Acq: 4 Dec 2018 2:55

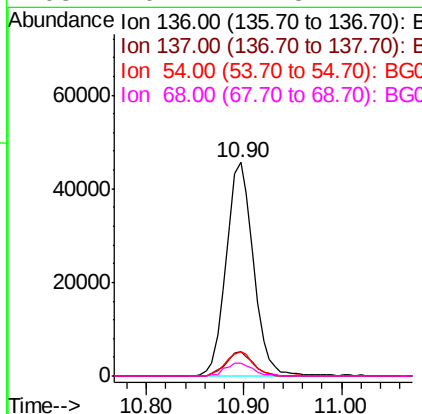
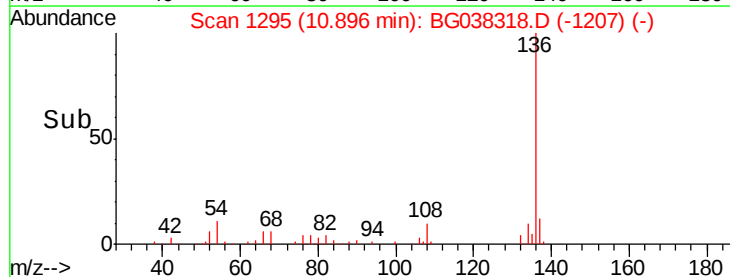
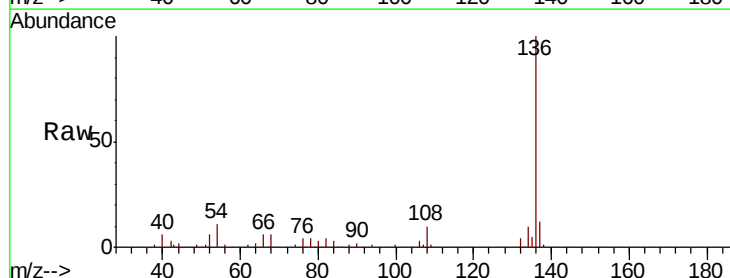
Instrument :
BNA_G
ClientSampleId :
S9-0-0.5-BGS

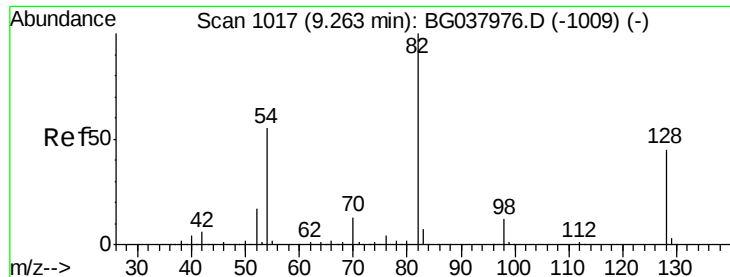
Tgt Ion: 70 Resp: 17542
Ion Ratio Lower Upper
70 100
42 56.5 53.9 80.9
101 0.0 8.2 12.2#
130 1.8 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG038318.D
Acq: 4 Dec 2018 2:55

Tgt Ion: 136 Resp: 88462
Ion Ratio Lower Upper
136 100
137 11.7 9.6 14.4
54 11.2 7.9 11.9
68 6.2 4.8 7.2





#23

Nitrobenzene-d5

Concen: 81.261 ng

RT: 9.25 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BG038318.D

Acq: 4 Dec 2018 2:55

Instrument :

BNA_G

ClientSampleId :

S9-0-0.5-BGS

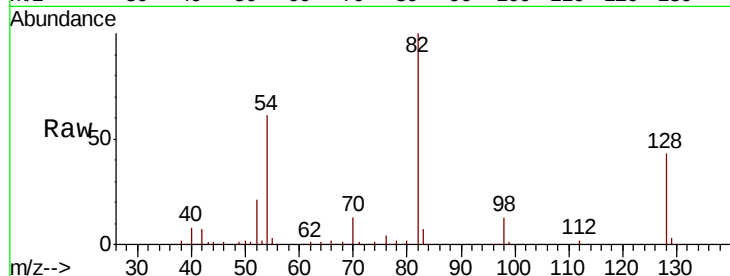
Tgt Ion: 82 Resp: 134288

Ion Ratio Lower Upper

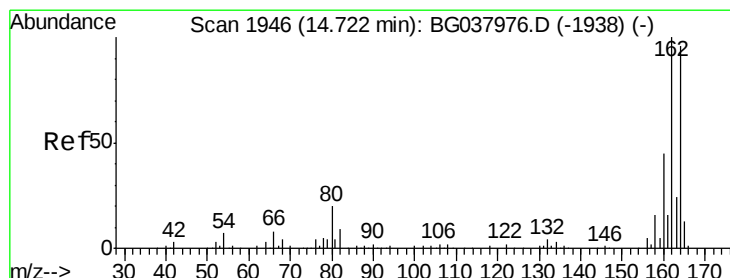
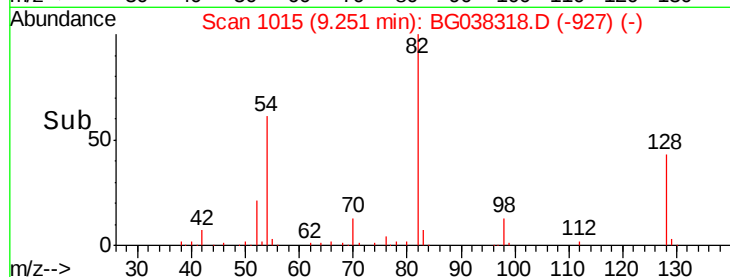
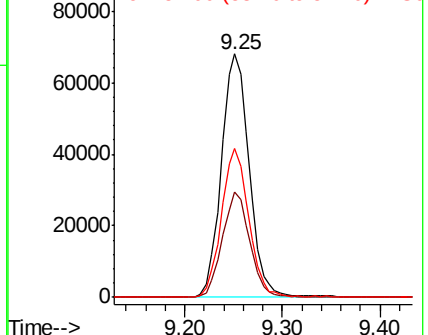
82 100

128 43.3 34.6 51.8

54 61.1 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: 14.72 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG038318.D

Acq: 4 Dec 2018 2:55

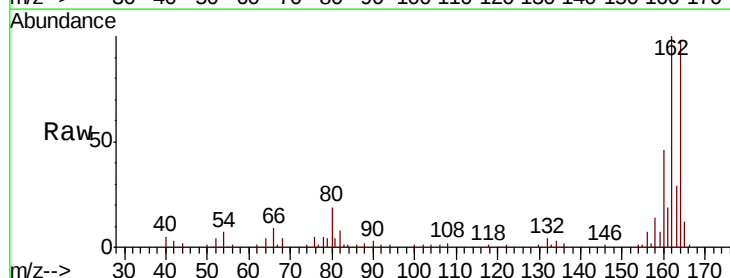
Tgt Ion: 164 Resp: 63075

Ion Ratio Lower Upper

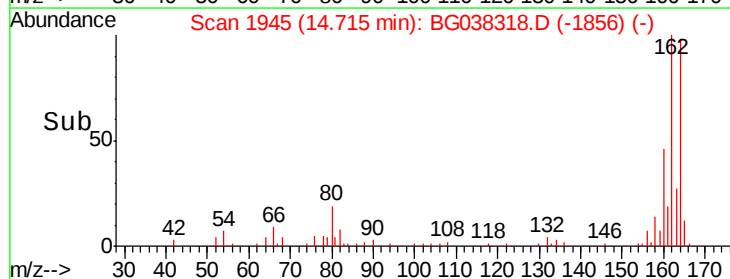
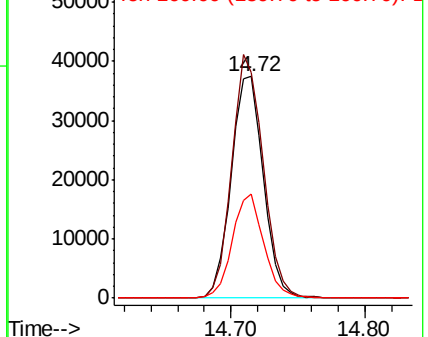
164 100

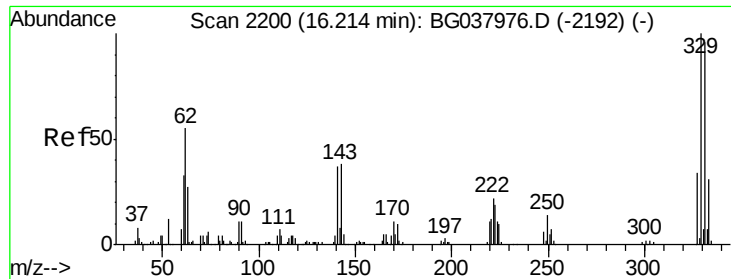
162 102.2 81.3 121.9

160 46.8 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

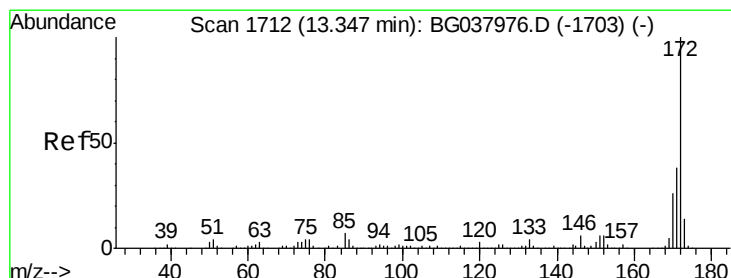
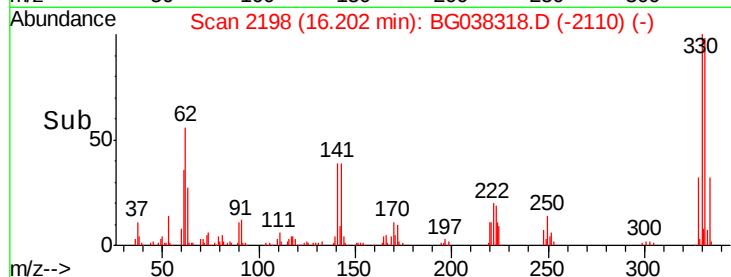
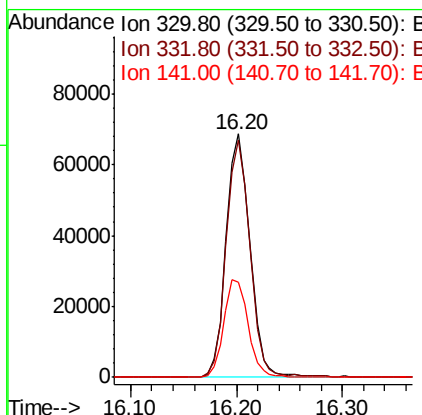
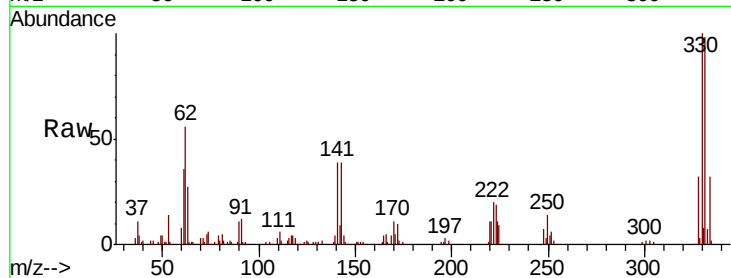




#42
 2,4,6-Tribromophenol
 Concen: 149.874 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG038318.D
 Acq: 4 Dec 2018 2:55

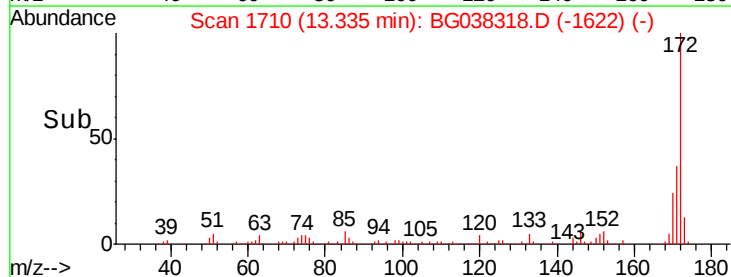
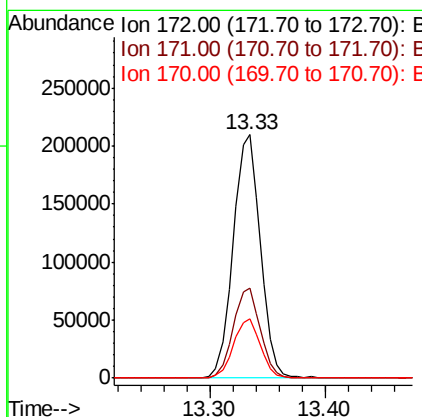
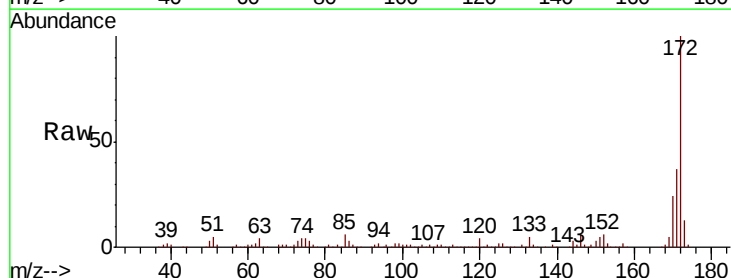
Instrument :
 BNA_G
 ClientSampleId :
 S9-0-0.5-BGS

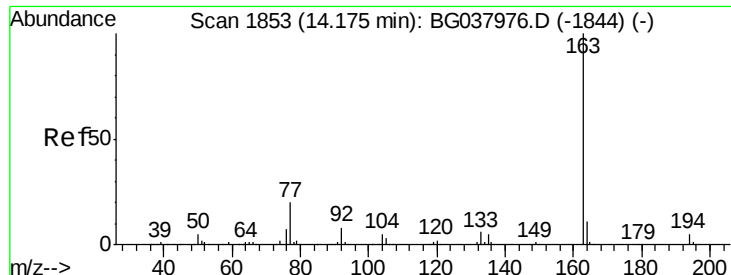
Tgt Ion:330 Resp: 107813
 Ion Ratio Lower Upper
 330 100
 332 96.7 78.4 117.6
 141 41.3 32.2 48.2



#45
 2-Fluorobiphenyl
 Concen: 78.912 ng
 RT: 13.33 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG038318.D
 Acq: 4 Dec 2018 2:55

Tgt Ion:172 Resp: 341653
 Ion Ratio Lower Upper
 172 100
 171 37.0 31.0 46.4
 170 24.3 20.2 30.2





#50

Dimethylphthalate

Concen: 10.757 ng

RT: 14.16 min Scan# 1850

Delta R.T. -0.02 min

Lab File: BG038318.D

Acq: 4 Dec 2018 2:55

Instrument :

BNA_G

ClientSampleId :

S9-0-0.5-BGS

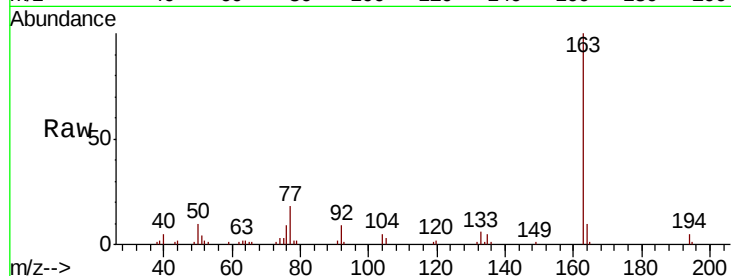
Tgt Ion:163 Resp: 53792

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

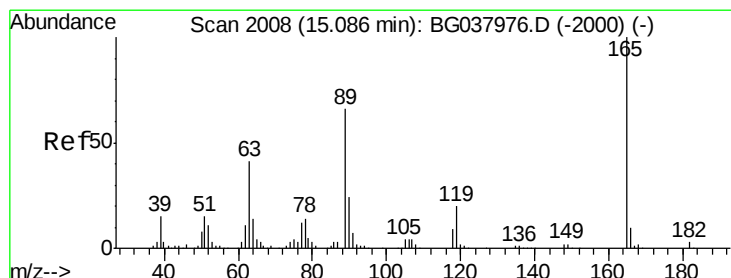
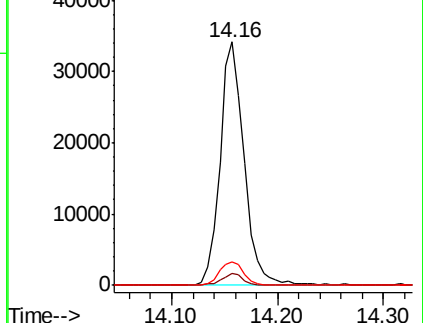
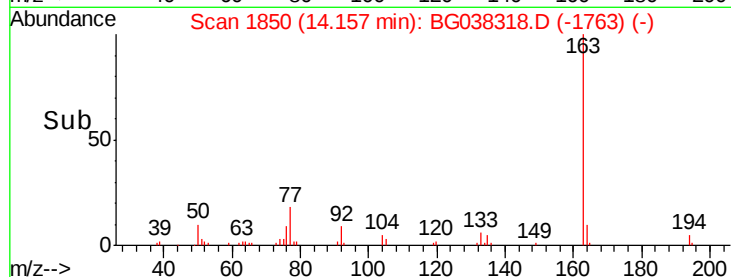
164 9.9 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 4.892 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.38 min

Lab File: BG038318.D

Acq: 4 Dec 2018 2:55

Tgt Ion:165 Resp: 7533

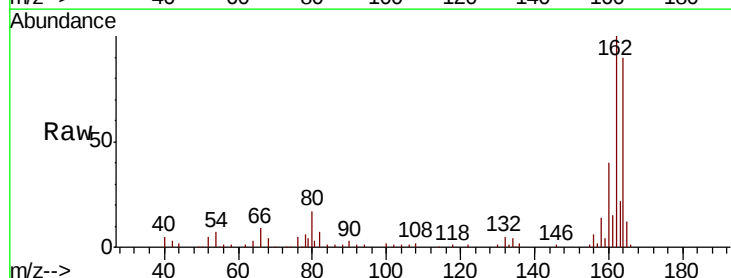
Ion Ratio Lower Upper

165 100

63 0.0 33.4 50.0#

89 0.0 57.2 85.8#

182 0.0 2.6 4.0#

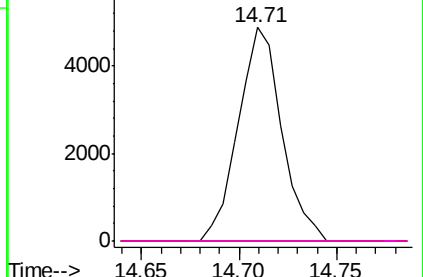
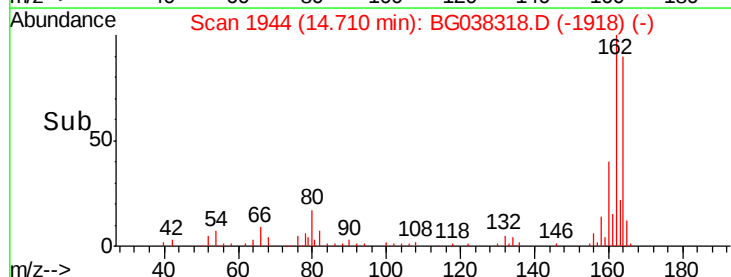


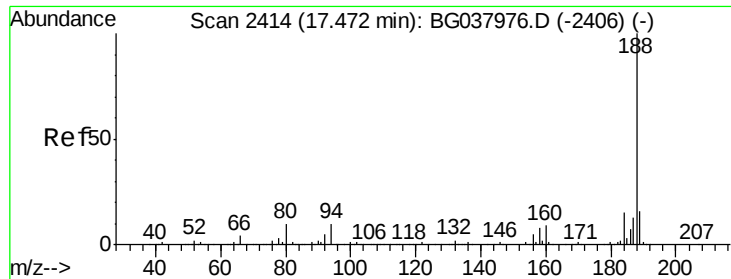
Abundance Ion 165.00 (164.70 to 165.70): E

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

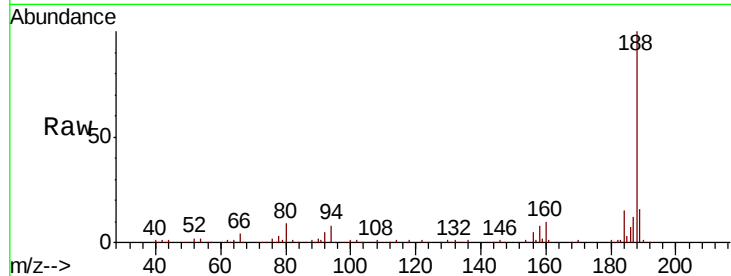




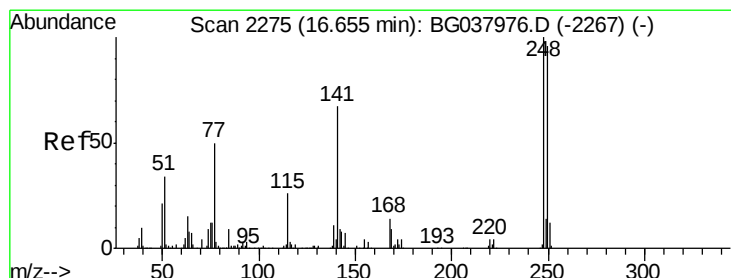
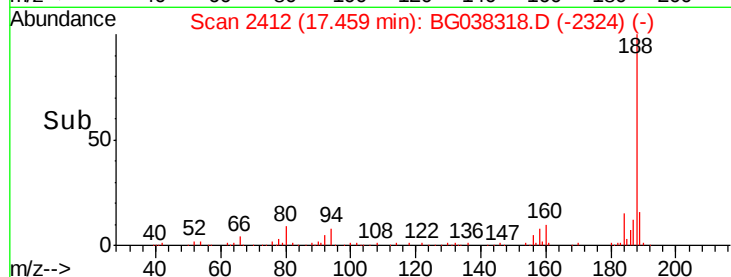
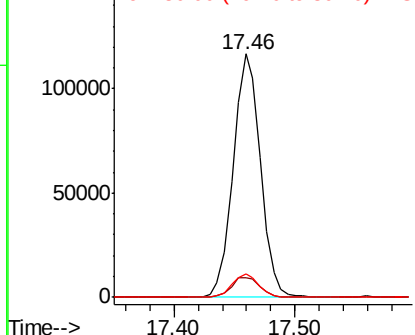
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG038318.D
 Acq: 4 Dec 2018 2:55

Instrument :
 BNA_G
 ClientSampleId :
 S9-0-0.5-BGS

Tgt Ion:188 Resp: 183701
 Ion Ratio Lower Upper
 188 100
 94 8.1 7.2 10.8
 80 9.4 7.7 11.5

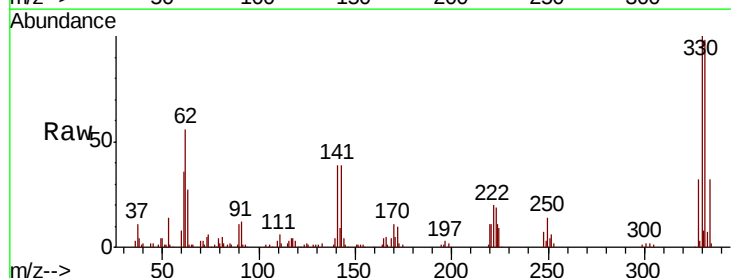


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

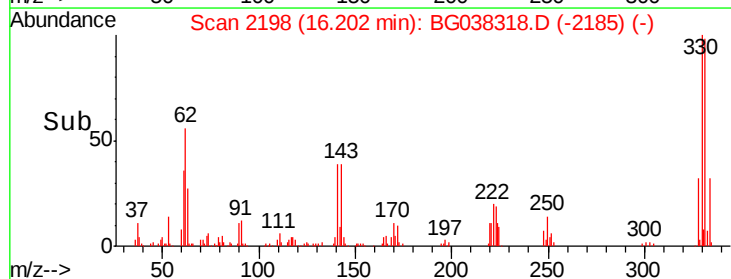
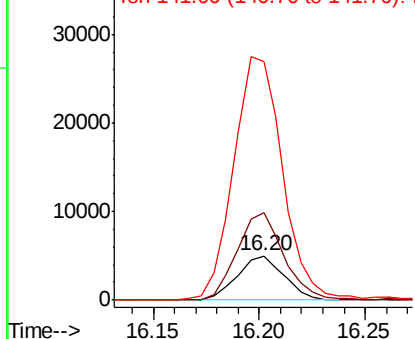


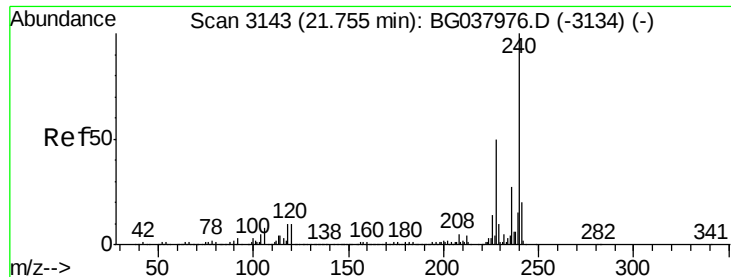
#67
 4-Bromophenyl-phenylether
 Concen: 3.756 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.45 min
 Lab File: BG038318.D
 Acq: 4 Dec 2018 2:55

Tgt Ion:248 Resp: 7574
 Ion Ratio Lower Upper
 248 100
 250 182.7 77.0 115.6#
 141 392.2 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

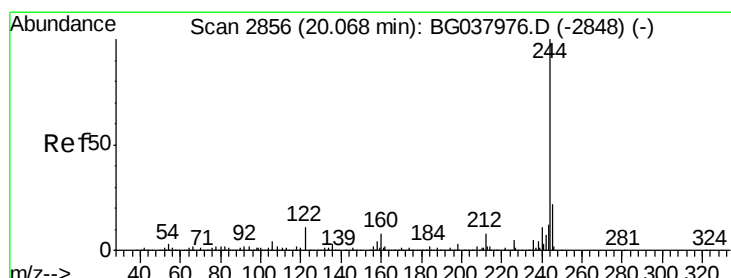
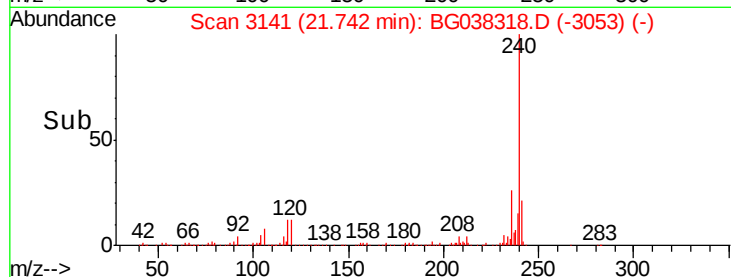
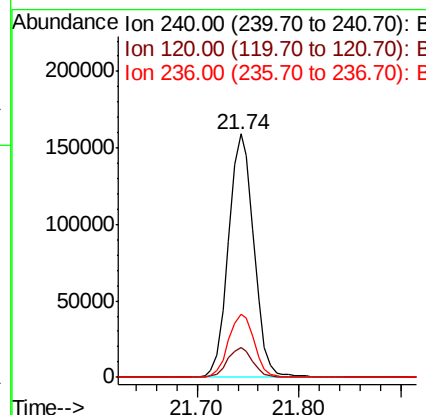
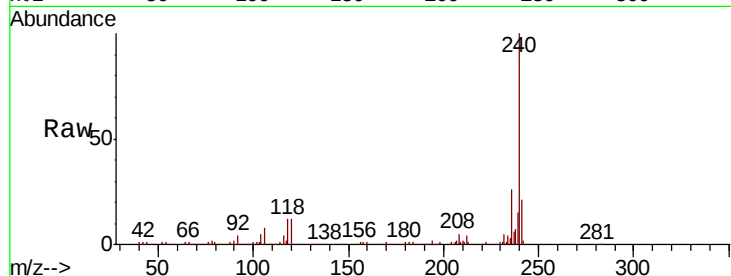




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG038318.D
Acq: 4 Dec 2018 2:55

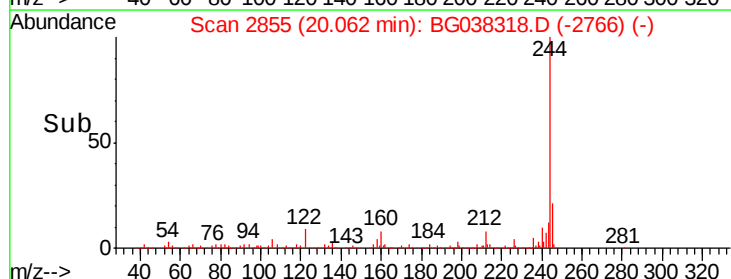
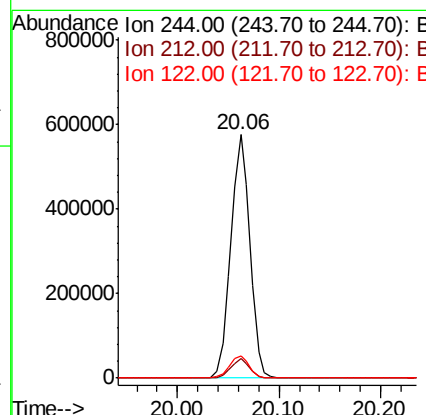
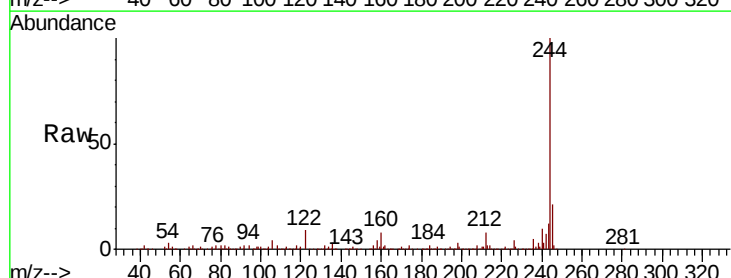
Instrument :
BNA_G
ClientSampleId :
S9-0-0.5-BGS

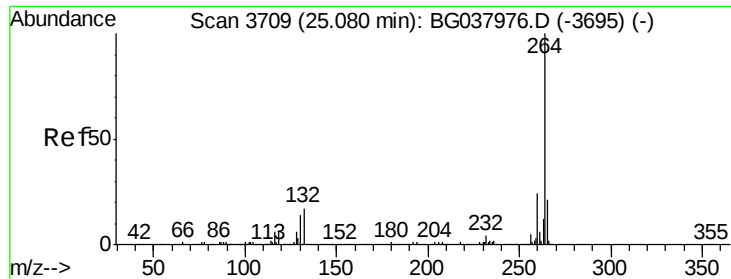
Tgt Ion:240 Resp: 275211
Ion Ratio Lower Upper
240 100
120 12.4 8.1 12.1#
236 26.1 21.4 32.0



#79
Terphenyl-d14
Concen: 64.594 ng
RT: 20.06 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BG038318.D
Acq: 4 Dec 2018 2:55

Tgt Ion:244 Resp: 755499
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 9.3 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3706
Delta R.T. -0.02 min
Lab File: BG038318.D
Acq: 4 Dec 2018 2:55

Instrument :
BNA_G
ClientSampleId :
S9-0-0.5-BGS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	19.7	17.9	26.9

