

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120318\
 Data File : BG038316.D
 Acq On : 4 Dec 2018 1:36
 Operator : JU/SJ
 Sample : J6179-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S7-0-0.5-BGS

Quant Time: Dec 04 05:05:32 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

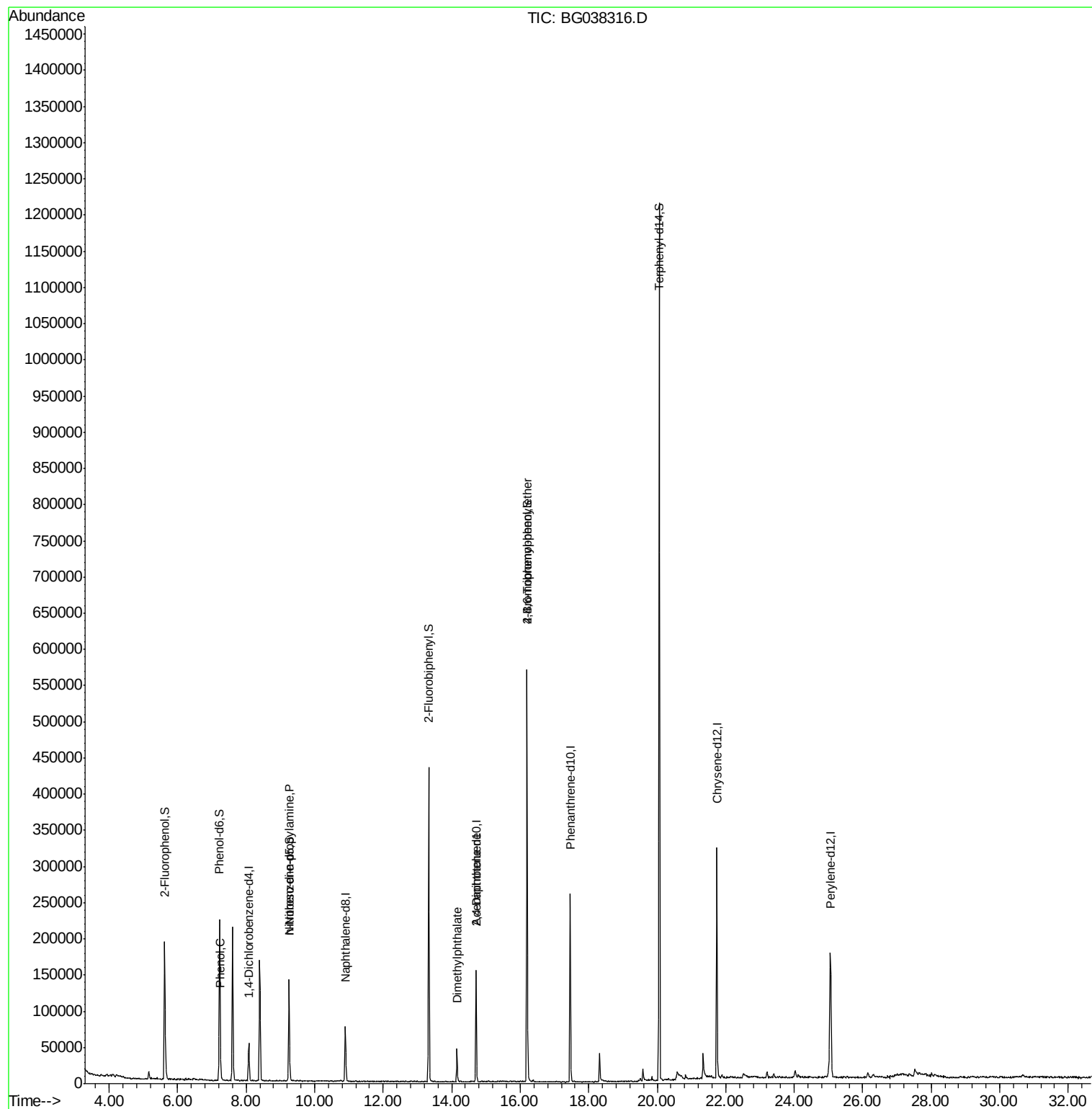
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	16716	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	73135	20.00	ng	-0.02
39) Acenaphthene-d10	14.71	164	56321	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	167794	20.00	ng	0.00
76) Chrysene-d12	21.74	240	189323	20.00	ng	0.00
87) Perylene-d12	25.06	264	199989	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	100746	104.06	ng	0.00
7) Phenol-d6	7.22	99	140323	101.54	ng	0.00
23) Nitrobenzene-d5	9.25	82	92191	67.48	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	101668	158.28	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	237785	61.51	ng	-0.02
79) Terphenyl-d14	20.06	244	609733	75.78	ng	0.00
Target Compounds						
10) Phenol	7.25	94	10584	7.230	ng	88
19) n-Nitroso-di-n-propylamine	9.25	70	12188	12.188	ng	# 74
50) Dimethylphthalate	14.16	163	36846	8.252	ng	98
57) 2,4-Dinitrotoluene	14.71	165	7385	5.371	ng	# 23
67) 4-Bromophenyl-phenylether	16.20	248	7851	4.263	ng	# 1

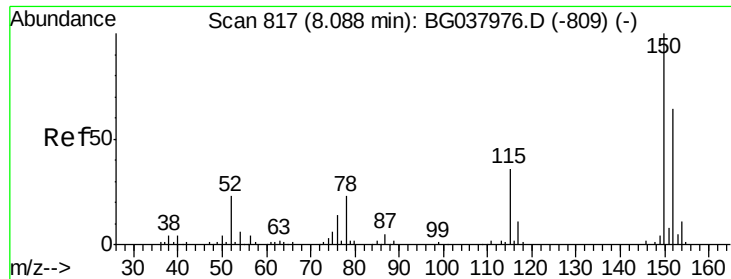
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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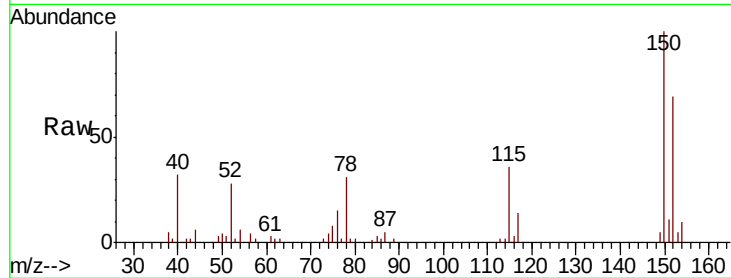


#1

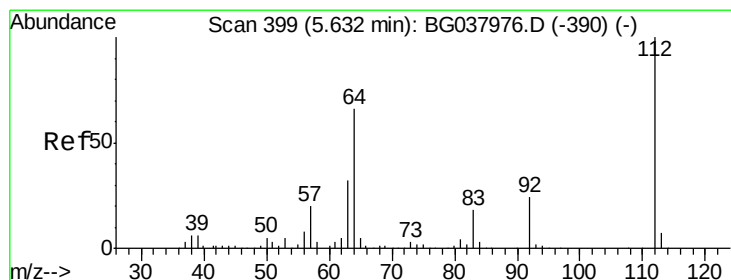
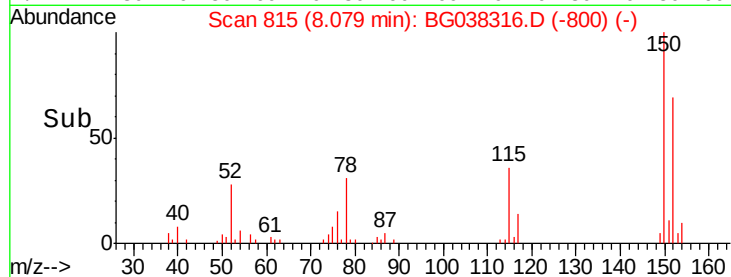
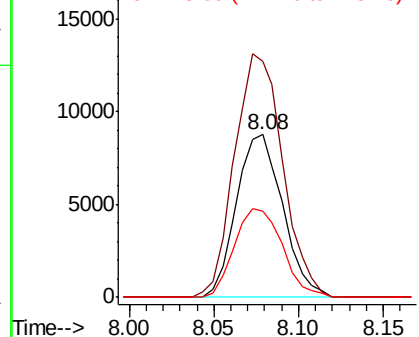
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG038316.D
Acq: 4 Dec 2018 1:36

Instrument :
BNA_G
ClientSampleId :
S7-0-0.5-BGS

Tgt Ion:152 Resp: 16716
Ion Ratio Lower Upper
152 100
150 145.2 126.0 189.0
115 52.8 45.5 68.3



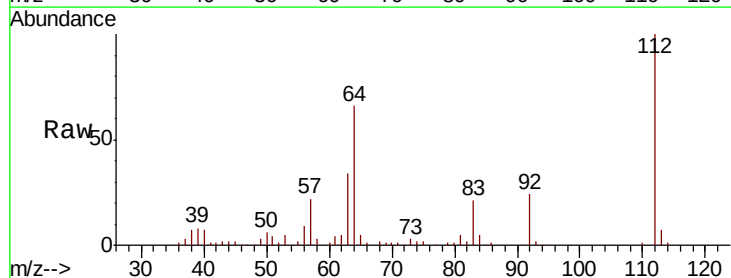
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



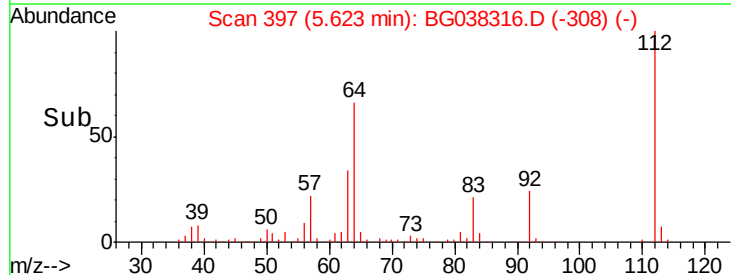
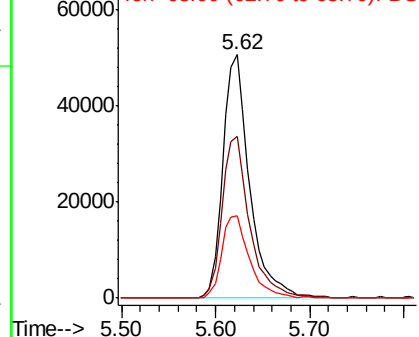
#5

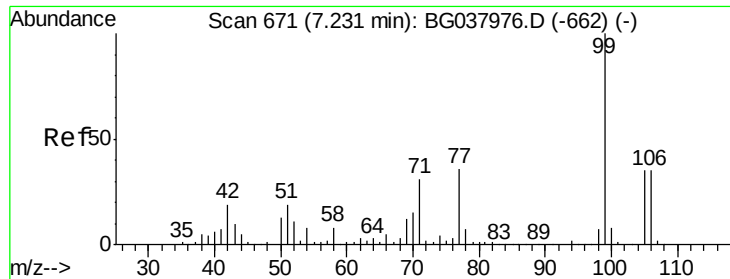
2-Fluorophenol
Concen: 104.059 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG038316.D
Acq: 4 Dec 2018 1:36

Tgt Ion:112 Resp: 100746
Ion Ratio Lower Upper
112 100
64 66.2 53.1 79.7
63 33.9 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: 101.536 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038316.D

Acq: 4 Dec 2018 1:36

Instrument :

BNA_G

ClientSampleId :

S7-0-0.5-BGS

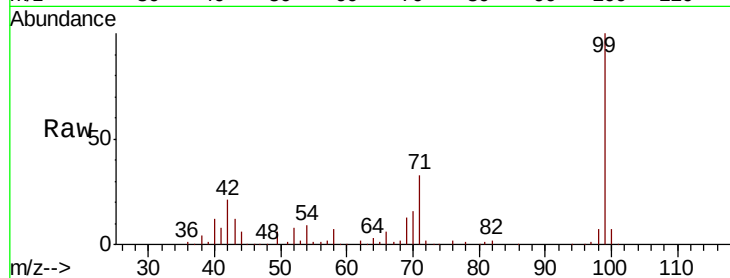
Tgt Ion: 99 Resp: 140323

Ion Ratio Lower Upper

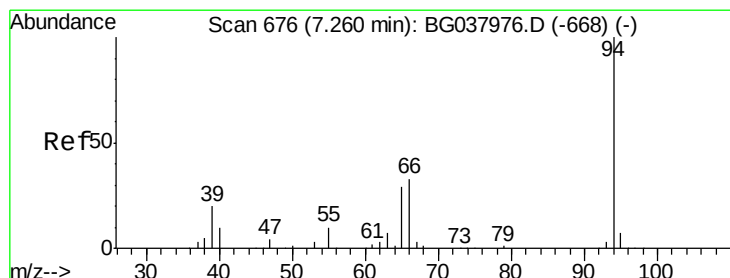
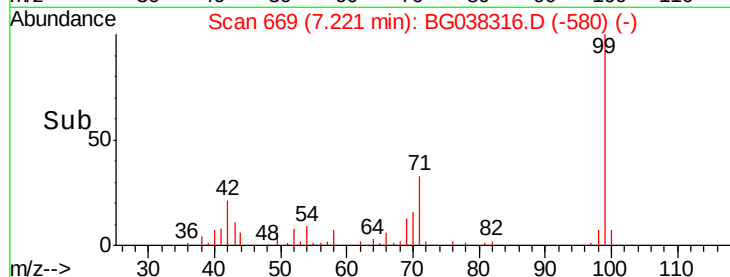
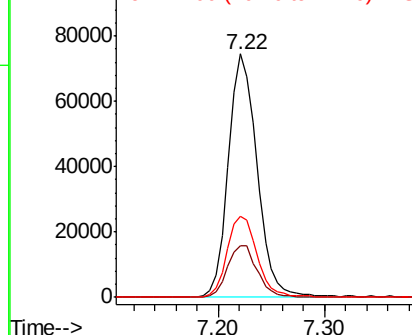
99 100

42 21.0 15.0 22.4

71 33.4 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: 7.230 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG038316.D

Acq: 4 Dec 2018 1:36

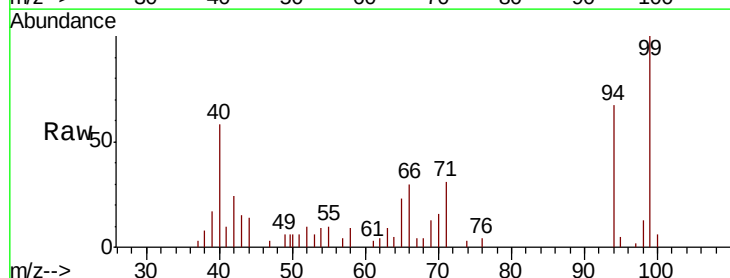
Tgt Ion: 94 Resp: 10584

Ion Ratio Lower Upper

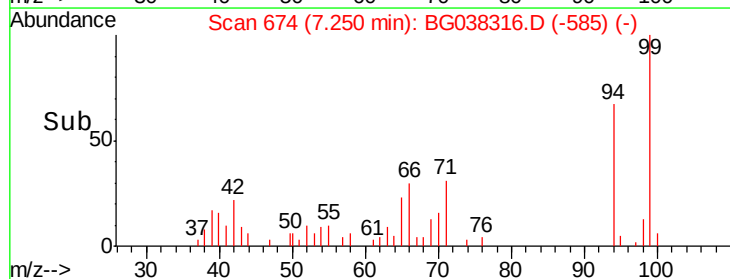
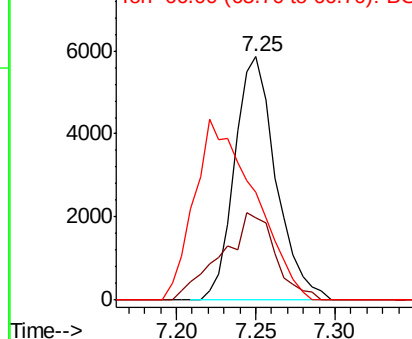
94 100

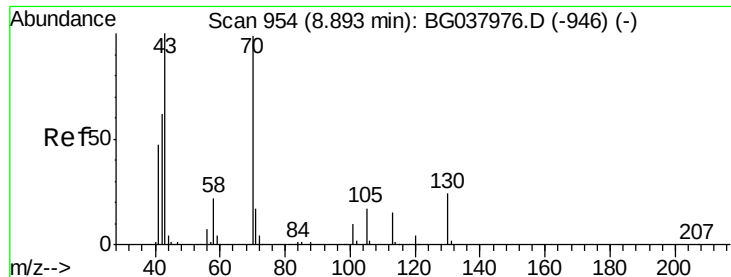
65 33.9 9.7 49.7

66 44.5 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

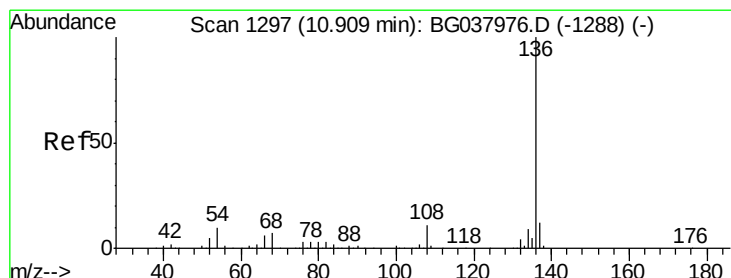
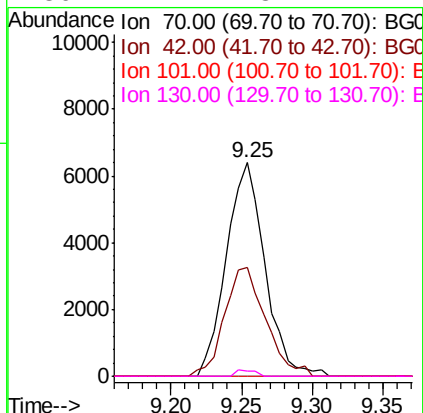
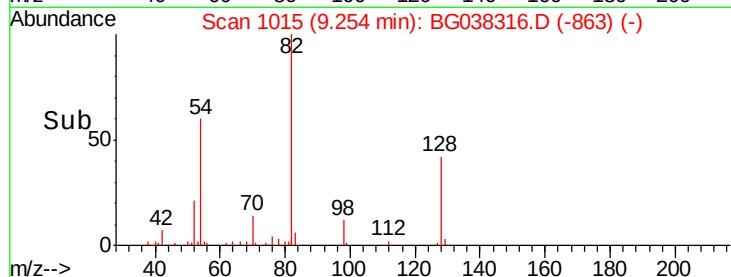
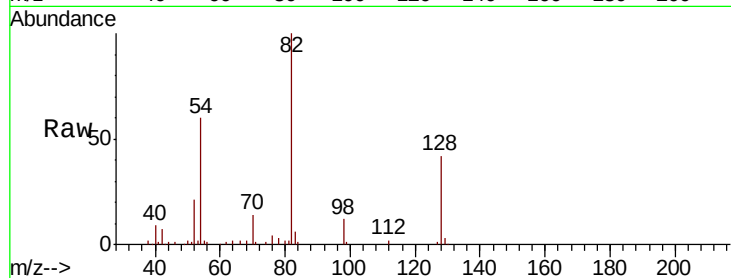




#19
n-Nitroso-di-n-propylamine
Concen: 12.188 ng
RT: 9.25 min Scan# 1015
Delta R.T. 0.36 min
Lab File: BG038316.D
Acq: 4 Dec 2018 1:36

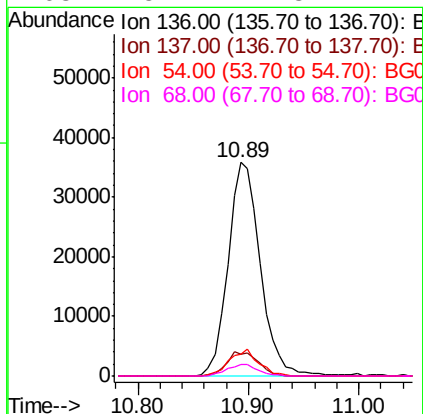
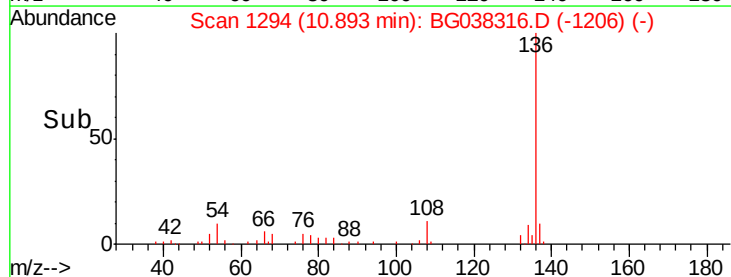
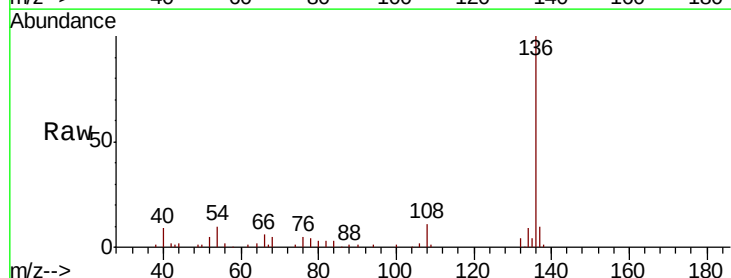
Instrument :
BNA_G
ClientSampleId :
S7-0-0.5-BGS

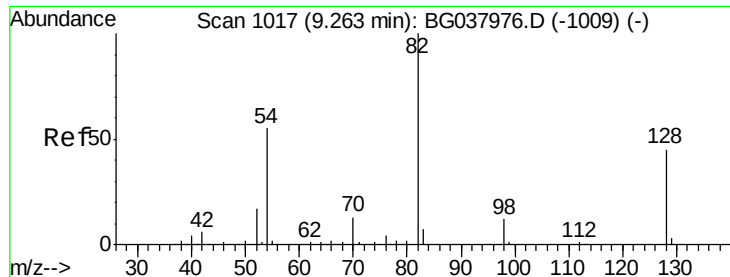
Tgt Ion: 70 Resp: 12188
Ion Ratio Lower Upper
70 100
42 51.0 53.9 80.9#
101 0.0 8.2 12.2#
130 2.4 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BG038316.D
Acq: 4 Dec 2018 1:36

Tgt Ion: 136 Resp: 73135
Ion Ratio Lower Upper
136 100
137 10.1 9.6 14.4
54 10.2 7.9 11.9
68 5.4 4.8 7.2

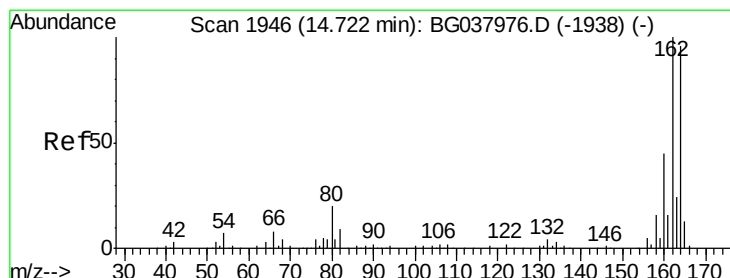
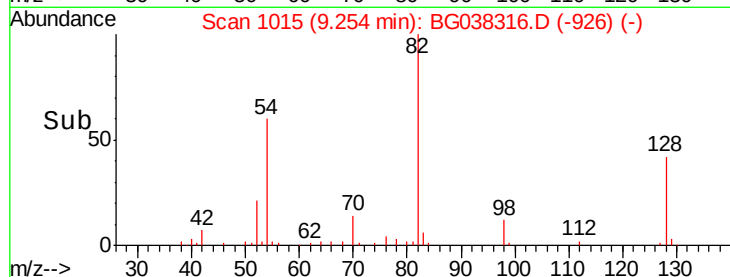
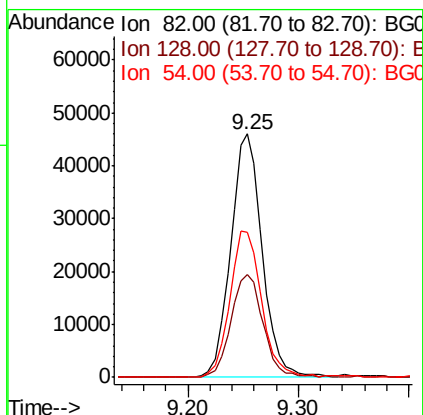
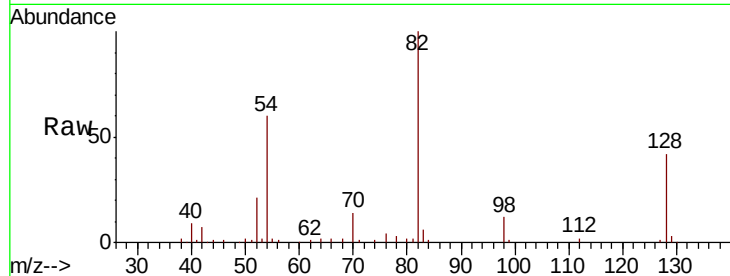




#23
 Nitrobenzene-d5
 Concen: 67.478 ng
 RT: 9.25 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BG038316.D
 Acq: 4 Dec 2018 1:36

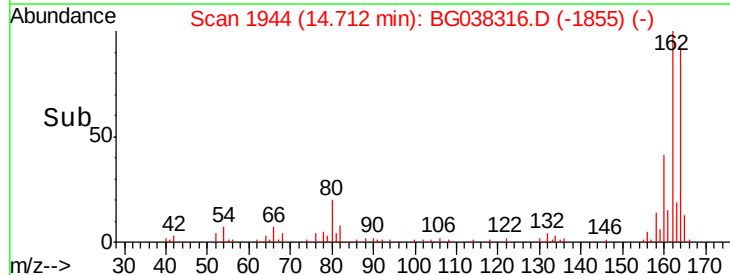
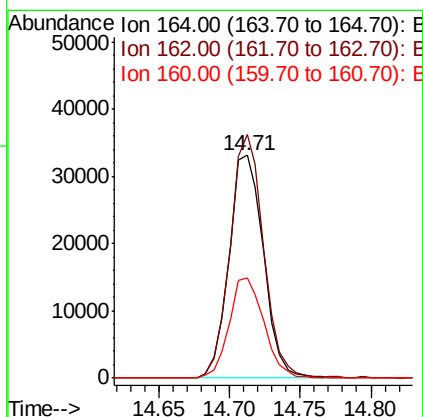
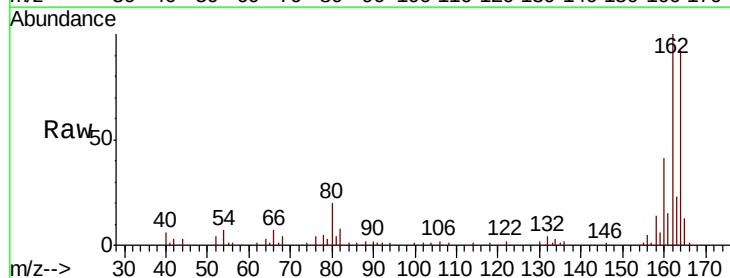
Instrument :
 BNA_G
 ClientSampleId :
 S7-0-0.5-BGS

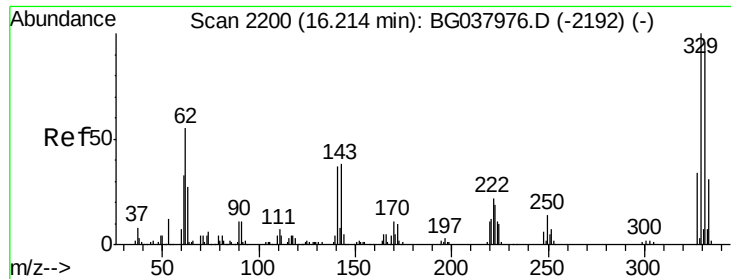
Tgt Ion: 82 Resp: 92191
 Ion Ratio Lower Upper
 82 100
 128 42.1 34.6 51.8
 54 59.5 45.3 67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BG038316.D
 Acq: 4 Dec 2018 1:36

Tgt Ion: 164 Resp: 56321
 Ion Ratio Lower Upper
 164 100
 162 109.2 81.3 121.9
 160 44.8 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 158.281 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG038316.D

Acq: 4 Dec 2018 1:36

Instrument :

BNA_G

ClientSampleId :

S7-0-0.5-BGS

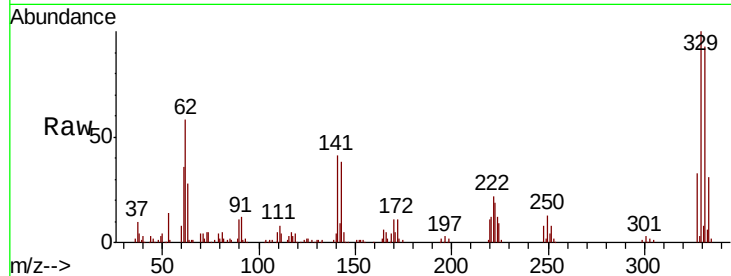
Tgt Ion:330 Resp: 101668

Ion Ratio Lower Upper

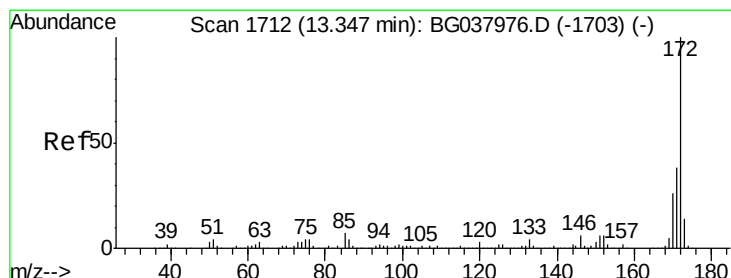
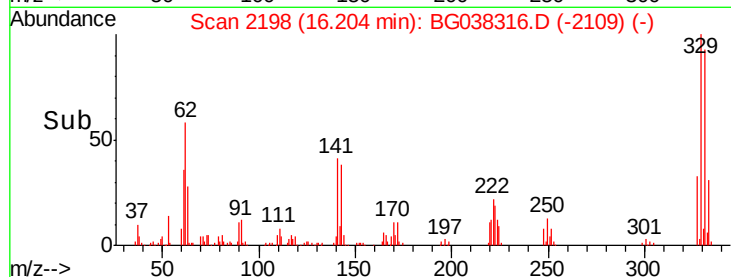
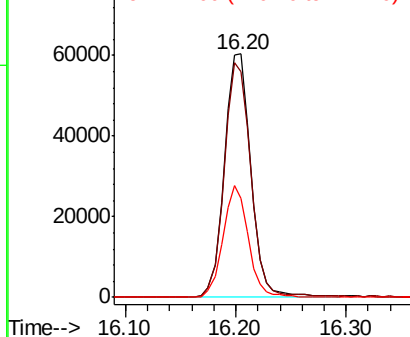
330 100

332 96.5 78.4 117.6

141 43.7 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: 61.508 ng

RT: 13.33 min Scan# 1709

Delta R.T. -0.02 min

Lab File: BG038316.D

Acq: 4 Dec 2018 1:36

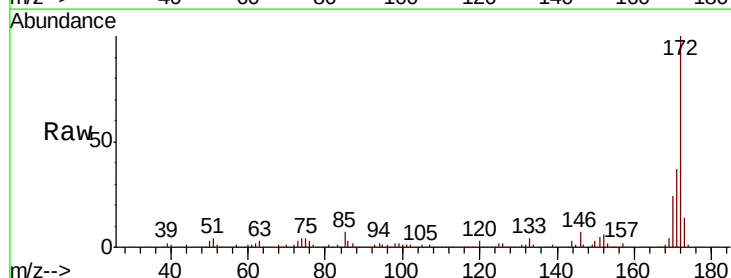
Tgt Ion:172 Resp: 237785

Ion Ratio Lower Upper

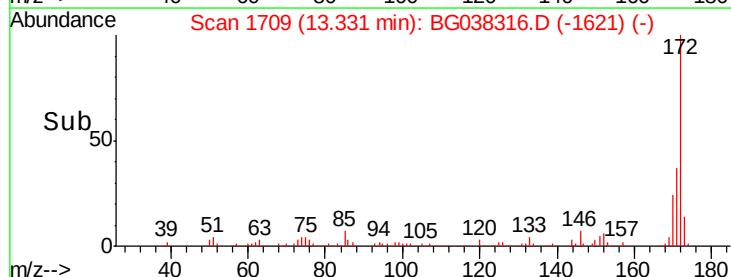
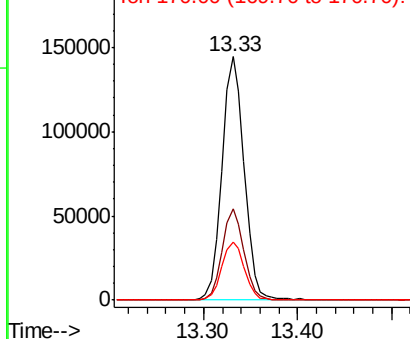
172 100

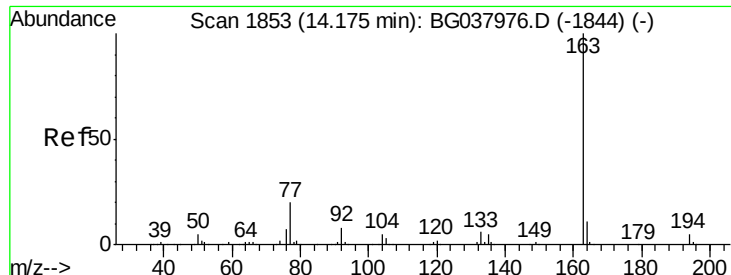
171 37.5 31.0 46.4

170 24.0 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





#50

Dimethylphthalate

Concen: 8.252 ng

RT: 14.16 min Scan# 1850

Delta R.T. -0.02 min

Lab File: BG038316.D

Acq: 4 Dec 2018 1:36

Instrument :

BNA_G

ClientSampleId :

S7-0-0.5-BGS

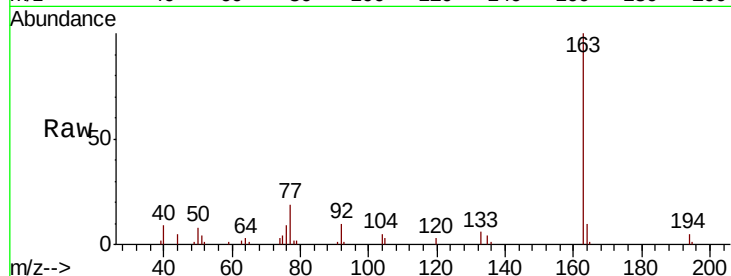
Tgt Ion:163 Resp: 36846

Ion Ratio Lower Upper

163 100

194 5.0 3.5 5.3

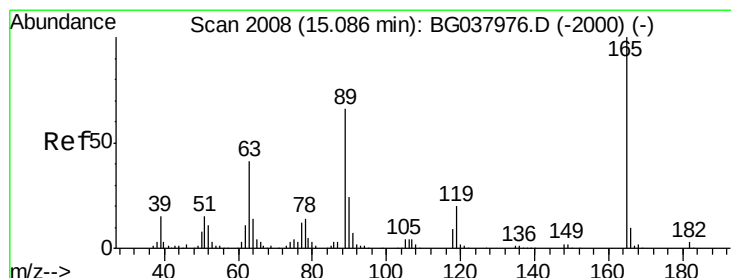
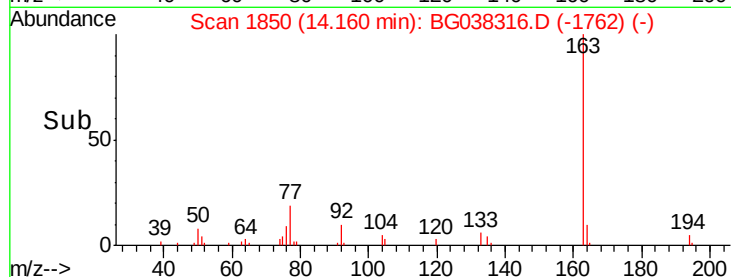
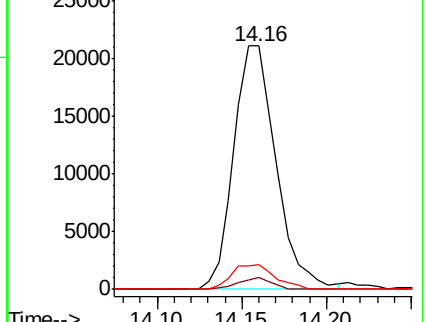
164 9.9 8.5 12.7



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: 5.371 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.37 min

Lab File: BG038316.D

Acq: 4 Dec 2018 1:36

Tgt Ion:165 Resp: 7385

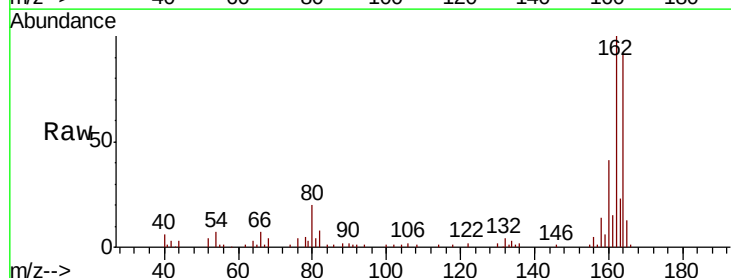
Ion Ratio Lower Upper

165 100

63 0.0 33.4 50.0#

89 0.0 57.2 85.8#

182 0.0 2.6 4.0#

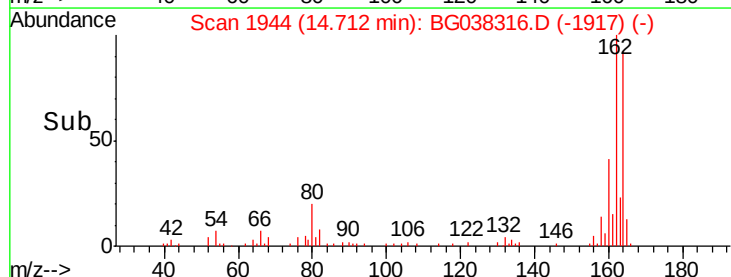
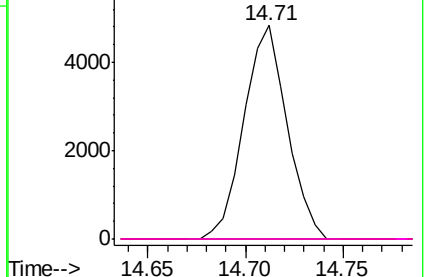


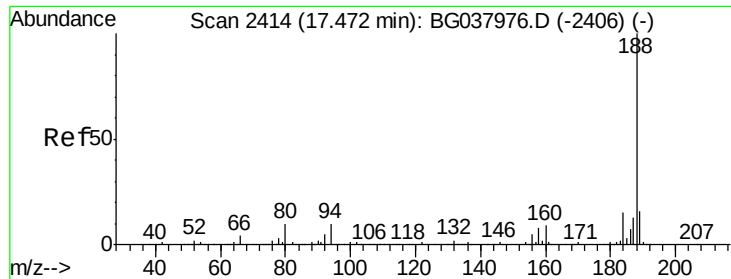
Abundance Ion 165.00 (164.70 to 165.70): E

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

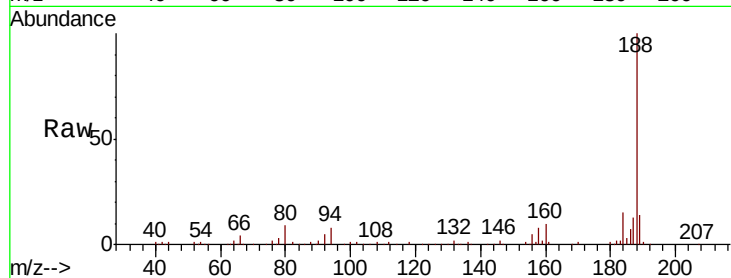




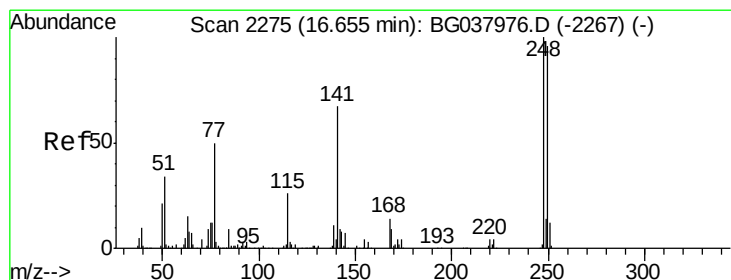
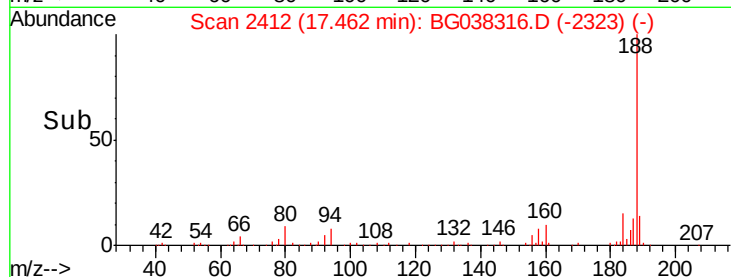
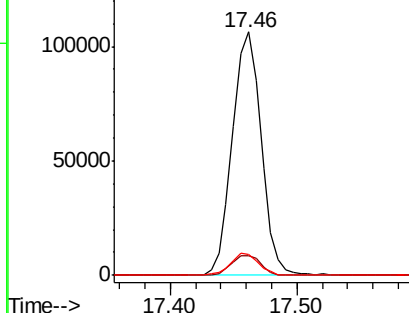
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG038316.D
Acq: 4 Dec 2018 1:36

Instrument :
BNA_G
ClientSampleId :
S7-0-0.5-BGS

Tgt Ion:188 Resp: 167794
Ion Ratio Lower Upper
188 100
94 8.3 7.2 10.8
80 8.5 7.7 11.5

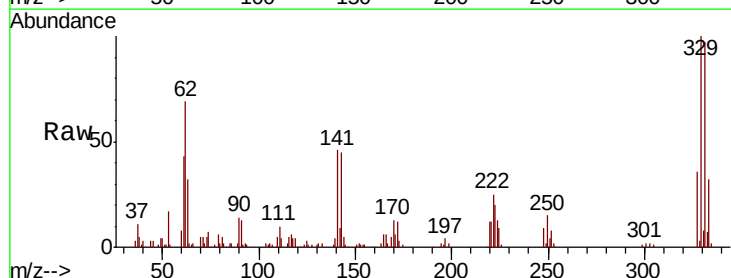


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

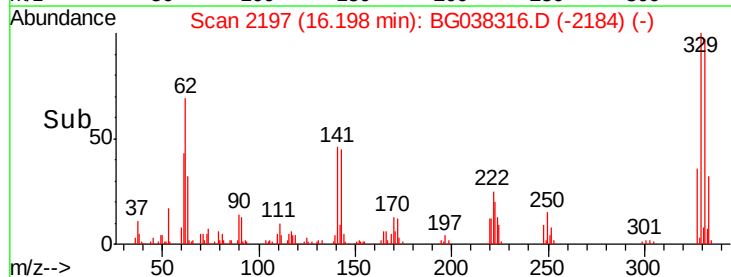
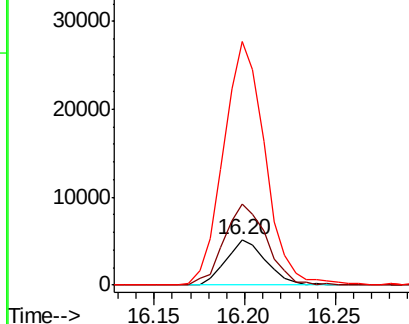


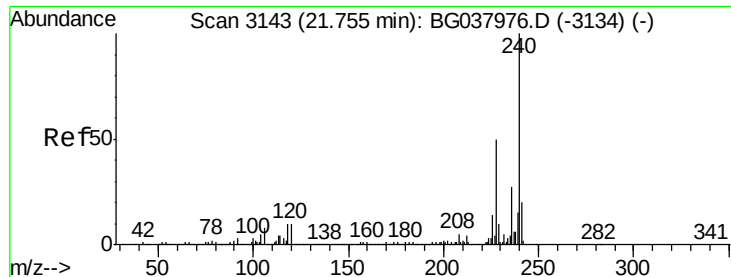
#67
4-Bromophenyl-phenylether
Concen: 4.263 ng
RT: 16.20 min Scan# 2197
Delta R.T. -0.46 min
Lab File: BG038316.D
Acq: 4 Dec 2018 1:36

Tgt Ion:248 Resp: 7851
Ion Ratio Lower Upper
248 100
250 182.5 77.0 115.6#
141 426.9 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

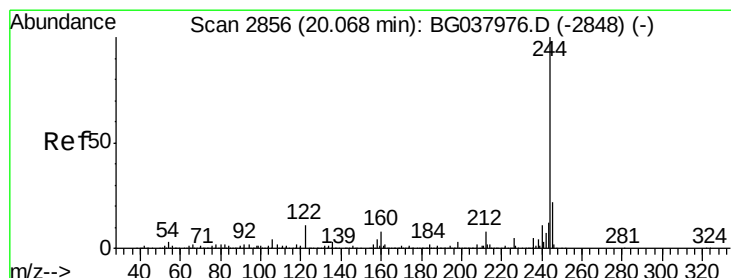
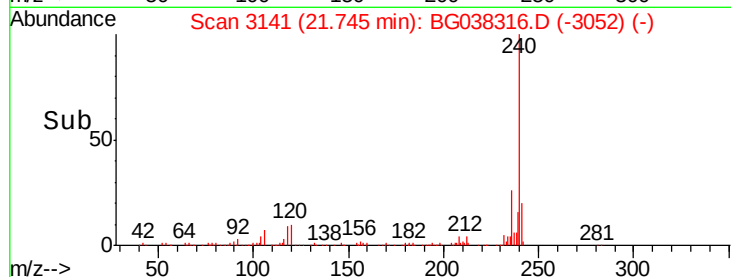
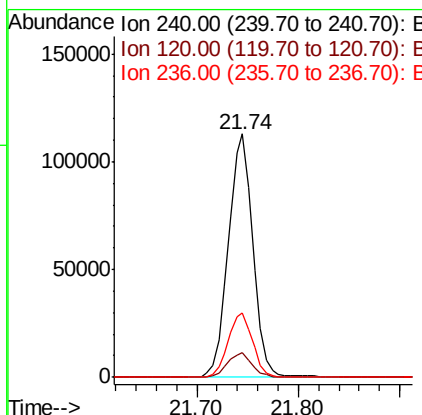
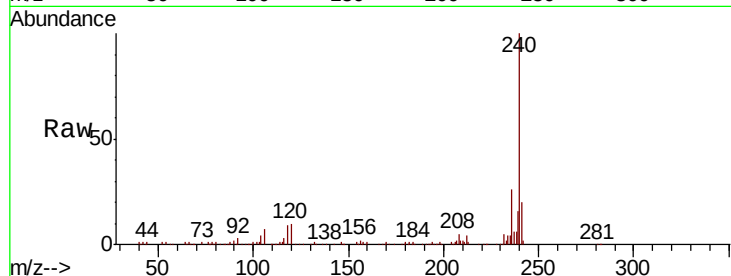




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG038316.D
Acq: 4 Dec 2018 1:36

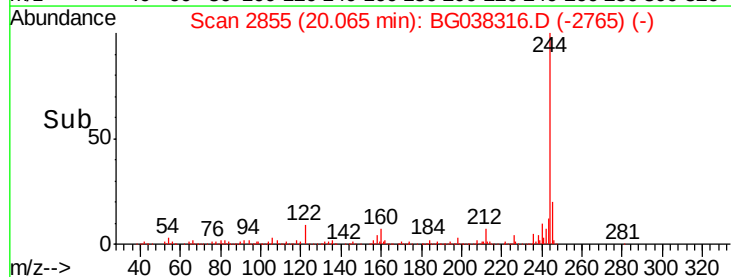
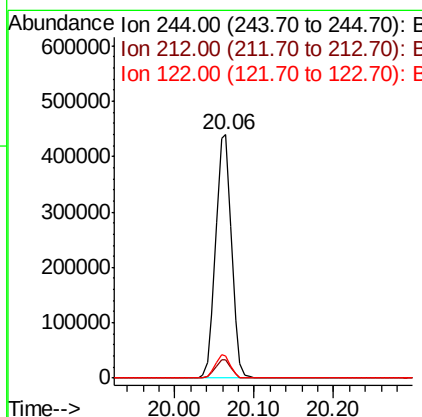
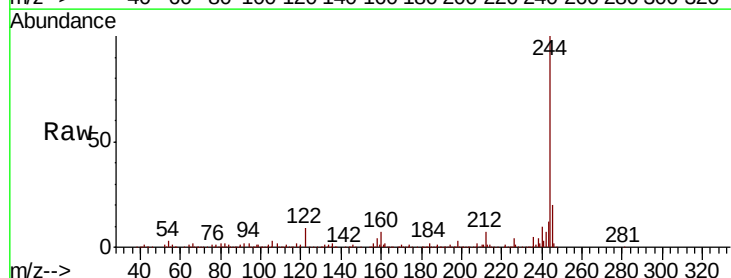
Instrument :
BNA_G
ClientSampleId :
S7-0-0.5-BGS

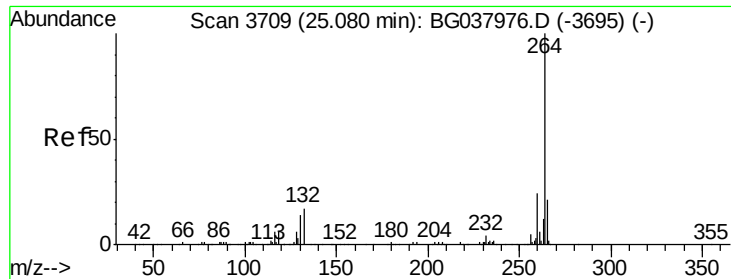
Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.1	12.1
236	26.5	21.4	32.0



#79
Terphenyl-d14
Concen: 75.781 ng
RT: 20.06 min Scan# 2855
Delta R.T. -0.00 min
Lab File: BG038316.D
Acq: 4 Dec 2018 1:36

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.5	9.7
122	9.1	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3705
Delta R.T. -0.02 min
Lab File: BG038316.D
Acq: 4 Dec 2018 1:36

Instrument :
BNA_G
ClientSampleId :
S7-0-0.5-BGS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	21.5	17.9	26.9

