

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120318\
 Data File : BG038317.D
 Acq On : 4 Dec 2018 2:15
 Operator : JU/SJ
 Sample : J6179-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-0-0.5-BGS

Quant Time: Dec 04 05:05:41 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

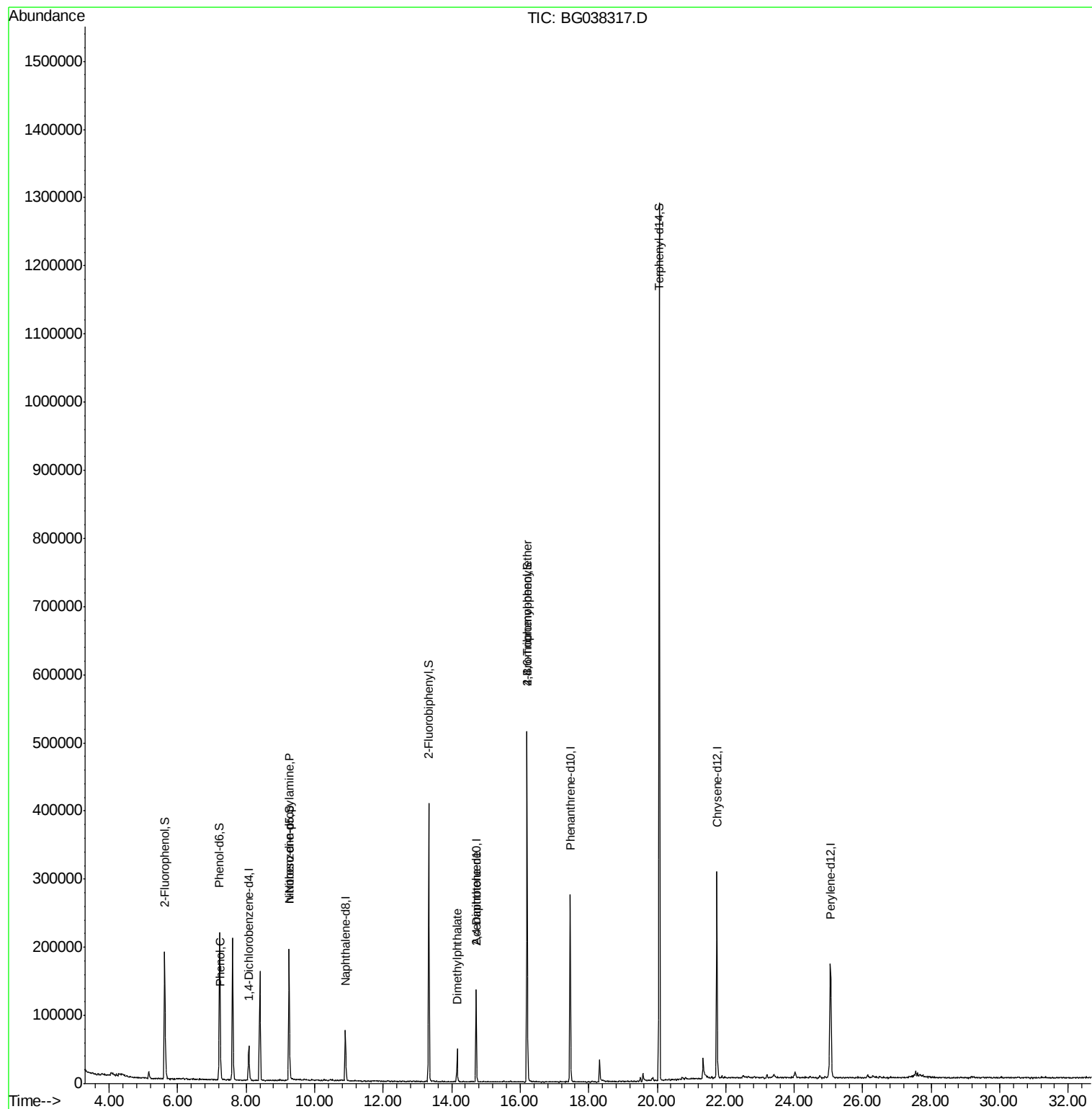
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	15417	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	71080	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	49451	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	173935	20.00	ng	0.00
76) Chrysene-d12	21.74	240	185890	20.00	ng	0.00
87) Perylene-d12	25.06	264	192552	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	98866	110.72	ng	0.00
7) Phenol-d6	7.22	99	140288	110.06	ng	0.00
23) Nitrobenzene-d5	9.25	82	129345	97.41	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	94116	166.88	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	218025	64.23	ng	-0.02
79) Terphenyl-d14	20.06	244	633229	80.15	ng	0.00
Target Compounds						
10) Phenol	7.25	94	10464	7.751	ng	85
19) n-Nitroso-di-n-propylamine	9.25	70	16219	17.586	ng	# 73
50) Dimethylphthalate	14.16	163	35715	9.110	ng	99
57) 2,4-Dinitrotoluene	14.71	165	6202	5.137	ng	# 23
67) 4-Bromophenyl-phenylether	16.20	248	6156	3.225	ng	# 1

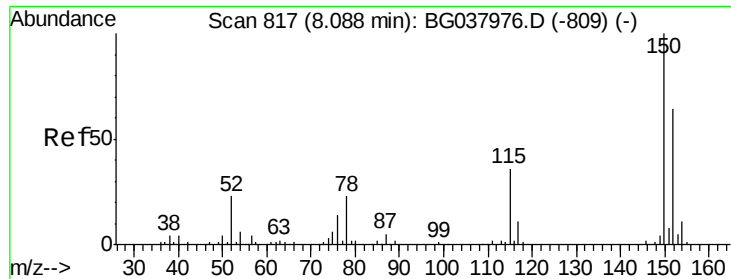
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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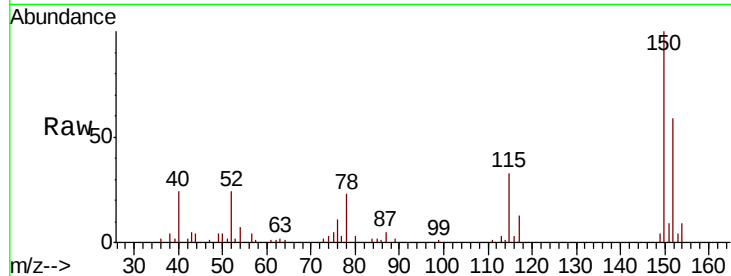




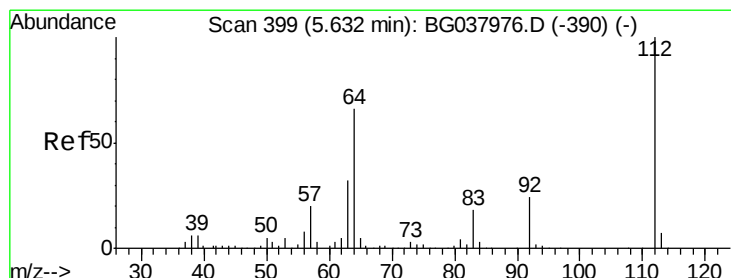
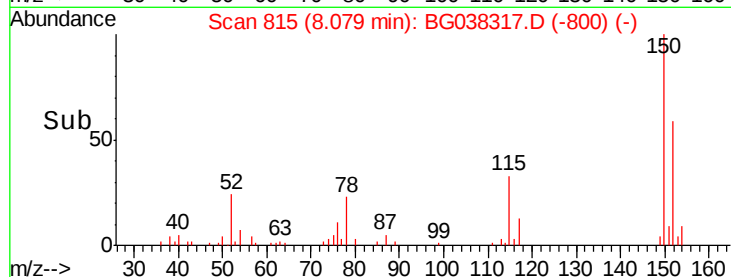
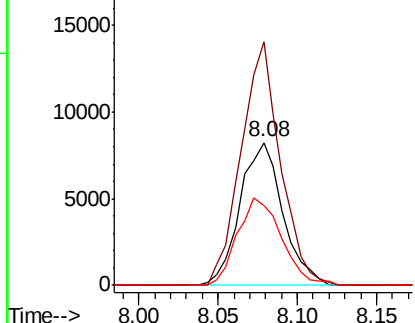
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BG038317.D
 Acq: 4 Dec 2018 2:15

Instrument :
 BNA_G
 ClientSampleId :
 S8-0-0.5-BGS

Tgt Ion:152 Resp: 15417
 Ion Ratio Lower Upper
 152 100
 150 170.7 126.0 189.0
 115 56.1 45.5 68.3

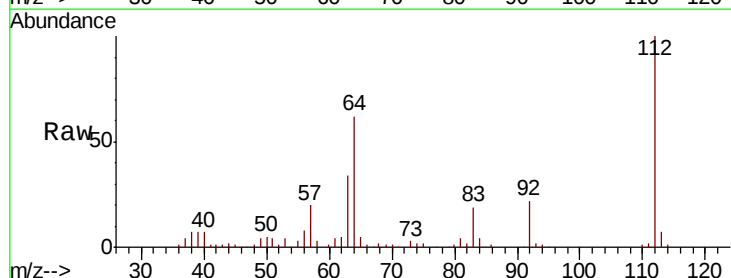


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

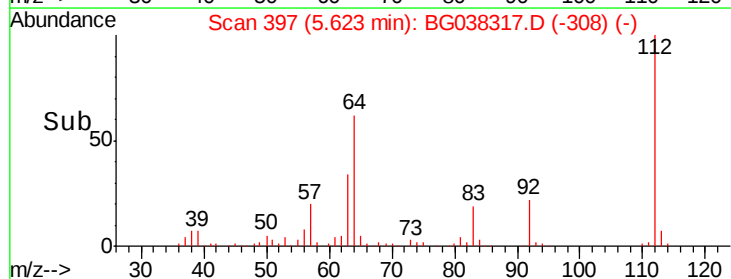
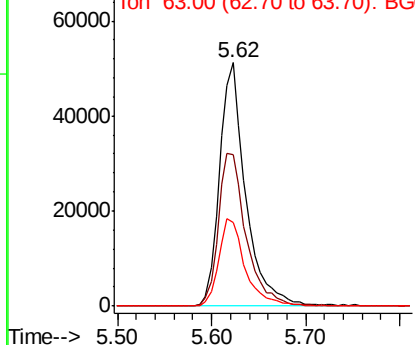


#5
 2-Fluorophenol
 Concen: 110.721 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.01 min
 Lab File: BG038317.D
 Acq: 4 Dec 2018 2:15

Tgt Ion:112 Resp: 98866
 Ion Ratio Lower Upper
 112 100
 64 62.2 53.1 79.7
 63 34.2 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: 110.064 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038317.D

Acq: 4 Dec 2018 2:15

Instrument :

BNA_G

ClientSampleId :

S8-0-0.5-BGS

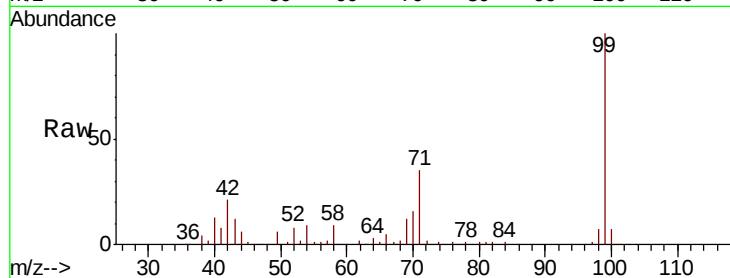
Tgt Ion: 99 Resp: 140288

Ion Ratio Lower Upper

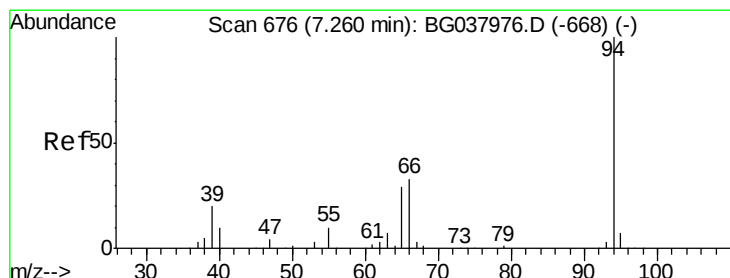
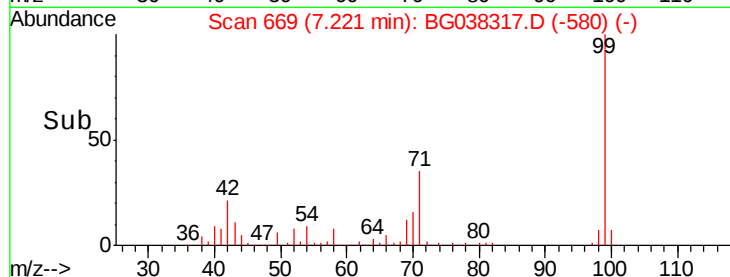
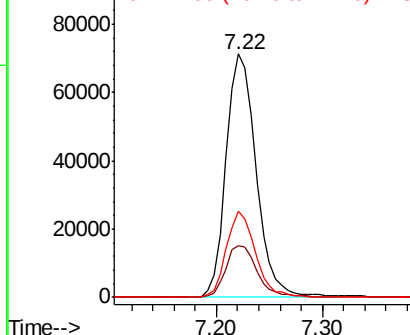
99 100

42 21.4 15.0 22.4

71 35.3 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: 7.751 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG038317.D

Acq: 4 Dec 2018 2:15

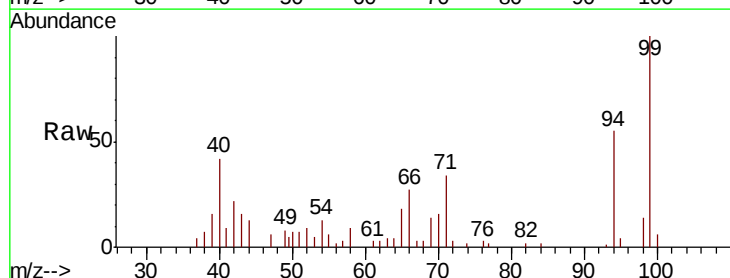
Tgt Ion: 94 Resp: 10464

Ion Ratio Lower Upper

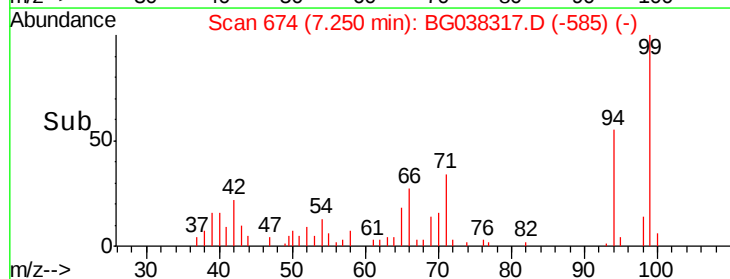
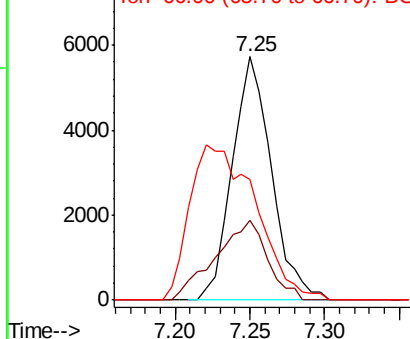
94 100

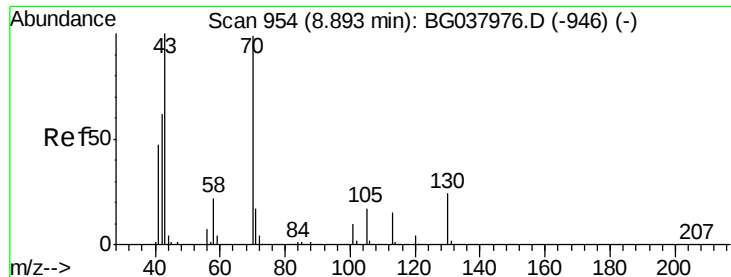
65 32.6 9.7 49.7

66 49.4 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

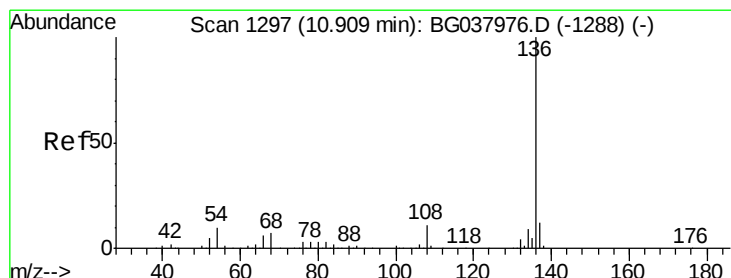
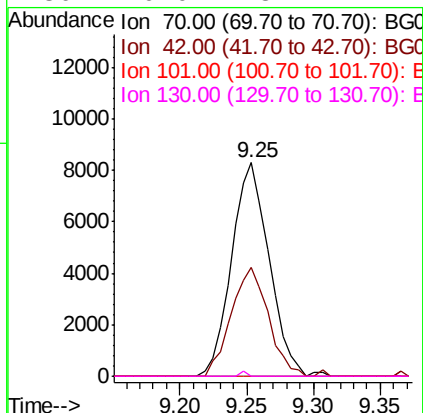
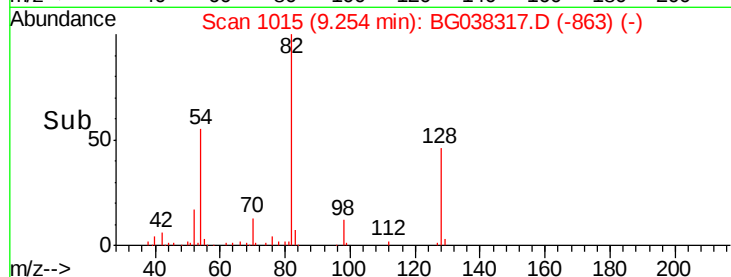
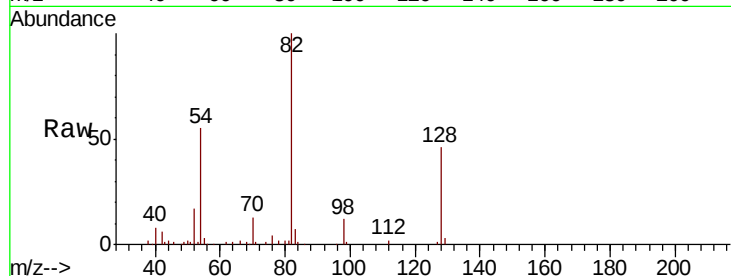




#19
n-Nitroso-di-n-propylamine
Concen: 17.586 ng
RT: 9.25 min Scan# 1015
Delta R.T. 0.36 min
Lab File: BG038317.D
Acq: 4 Dec 2018 2:15

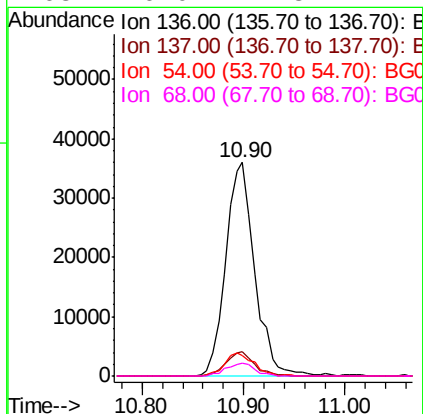
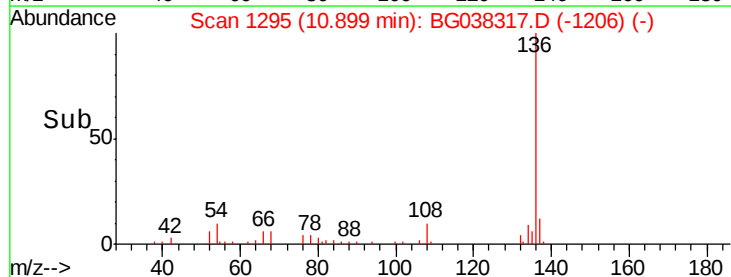
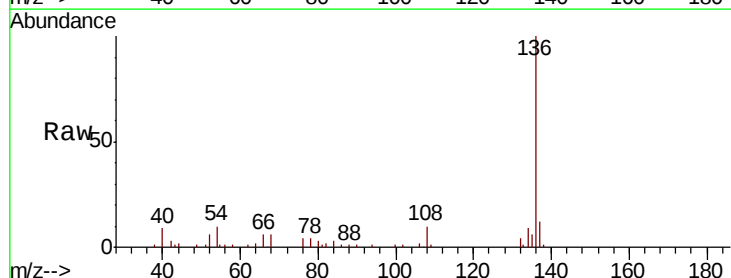
Instrument :
BNA_G
ClientSampleId :
S8-0-0.5-BGS

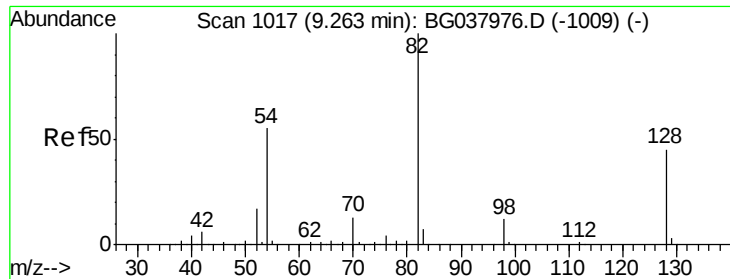
Tgt Ion: 70 Resp: 16219
Ion Ratio Lower Upper
70 100
42 51.0 53.9 80.9#
101 0.0 8.2 12.2#
130 0.0 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG038317.D
Acq: 4 Dec 2018 2:15

Tgt Ion: 136 Resp: 71080
Ion Ratio Lower Upper
136 100
137 11.6 9.6 14.4
54 9.8 7.9 11.9
68 6.0 4.8 7.2

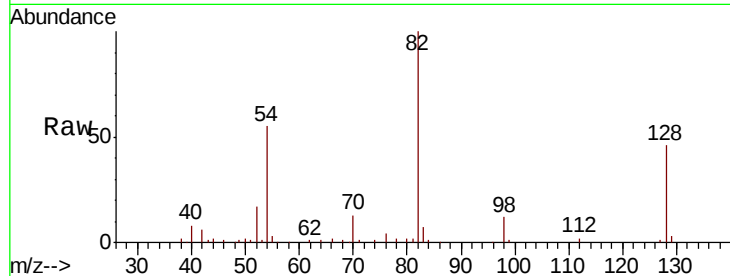




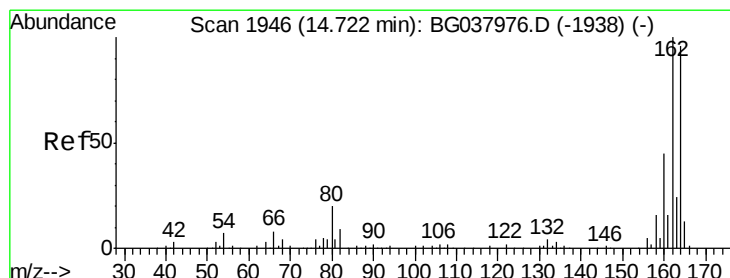
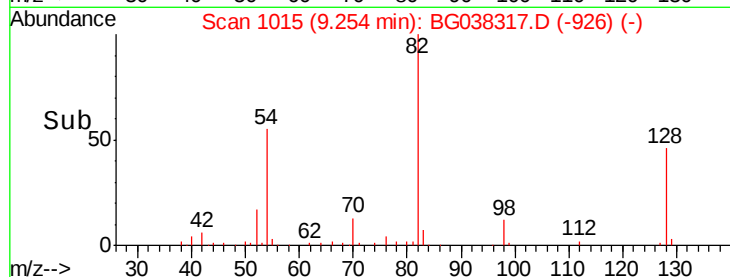
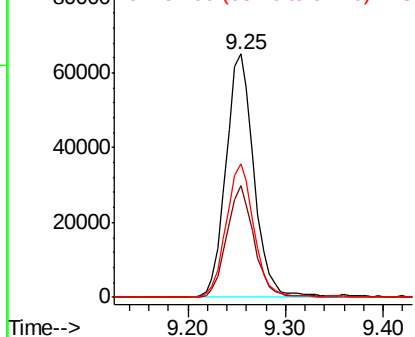
#23
Nitrobenzene-d5
Concen: 97.410 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG038317.D
Acq: 4 Dec 2018 2:15

Instrument :
BNA_G
ClientSampleId :
S8-0-0.5-BGS

Tgt Ion: 82 Resp: 129345
Ion Ratio Lower Upper
82 100
128 46.1 34.6 51.8
54 55.1 45.3 67.9

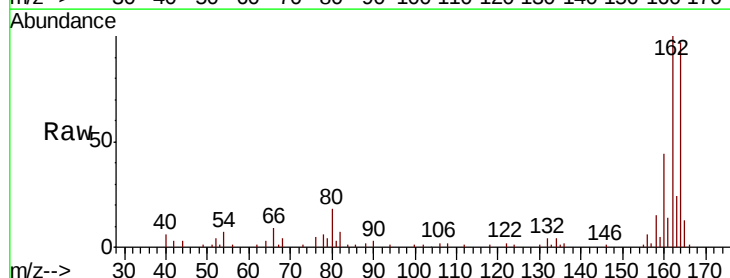


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

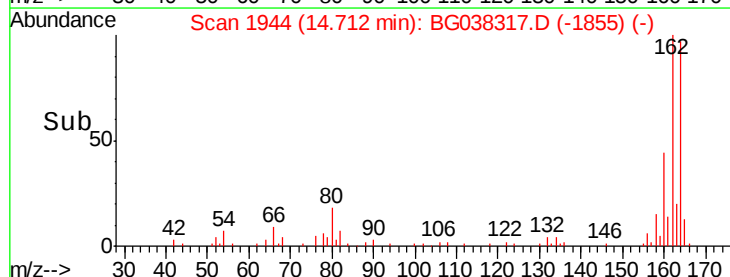
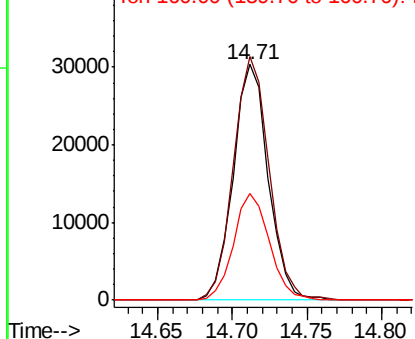


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG038317.D
Acq: 4 Dec 2018 2:15

Tgt Ion: 164 Resp: 49451
Ion Ratio Lower Upper
164 100
162 103.3 81.3 121.9
160 45.3 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

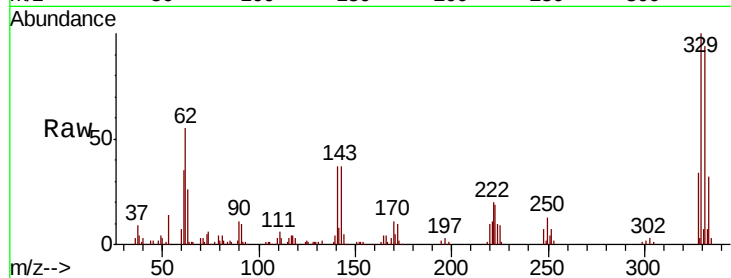




#42
 2,4,6-Tribromophenol
 Concen: 166.879 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG038317.D
 Acq: 4 Dec 2018 2:15

Instrument :
 BNA_G
 ClientSampleId :
 S8-0-0.5-BGS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.0	78.4	117.6
141	40.4	32.2	48.2

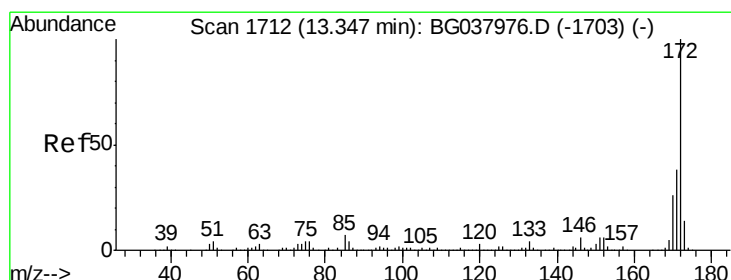
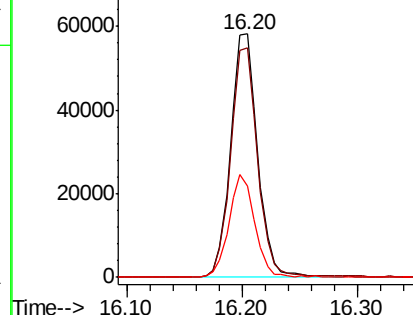
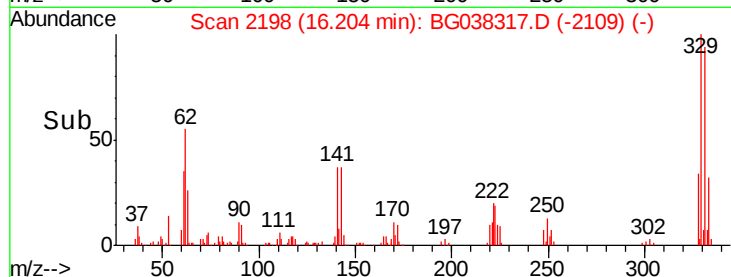


Abundance

Ion 329.80 (329.50 to 330.50): E

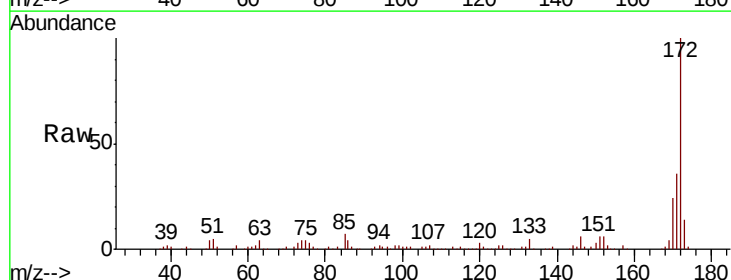
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 64.231 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BG038317.D
 Acq: 4 Dec 2018 2:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	31.0	46.4
170	23.7	20.2	30.2

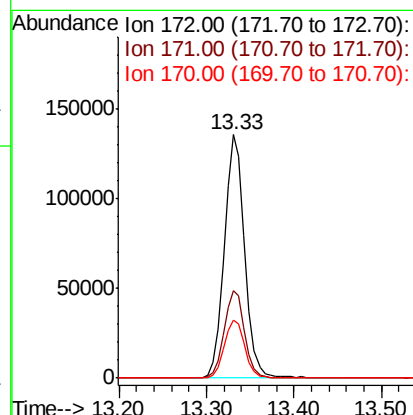
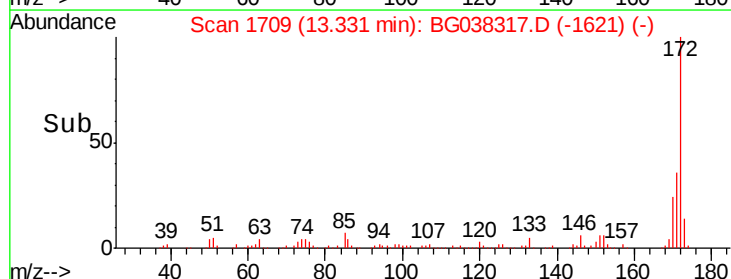


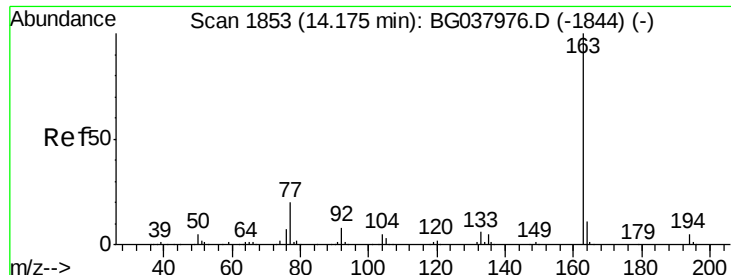
Abundance

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: 9.110 ng

RT: 14.16 min Scan# 1850

Delta R.T. -0.02 min

Lab File: BG038317.D

Acq: 4 Dec 2018 2:15

Instrument :

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ClientSampleId :

S8-0-0.5-BGS

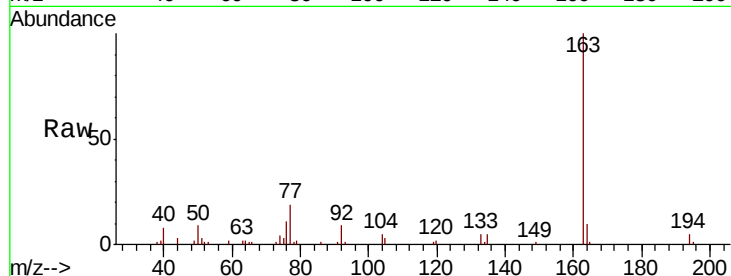
Tgt Ion:163 Resp: 35715

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

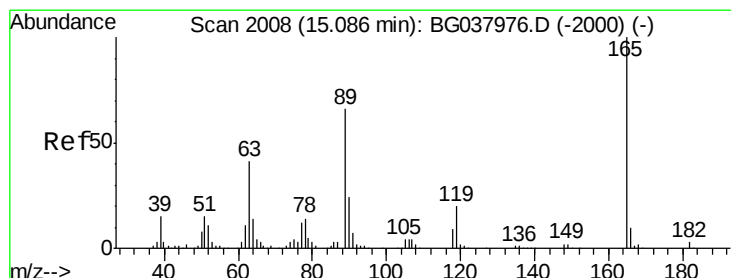
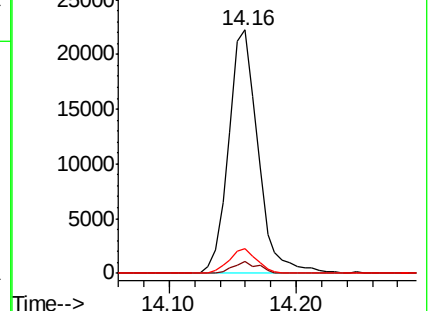
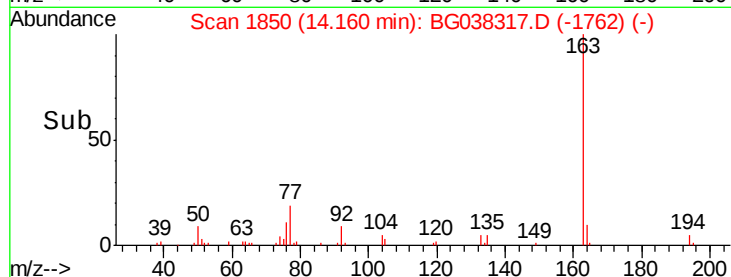
164 10.4 8.5 12.7



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: 5.137 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.37 min

Lab File: BG038317.D

Acq: 4 Dec 2018 2:15

Tgt Ion:165 Resp: 6202

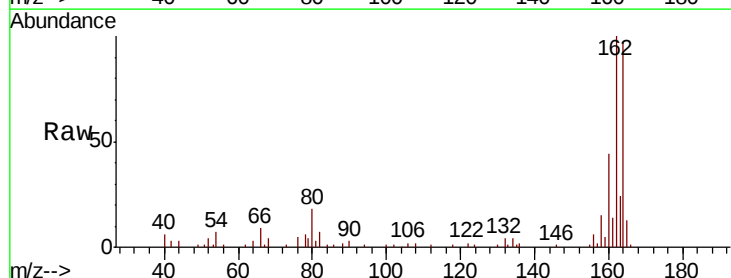
Ion Ratio Lower Upper

165 100

63 0.0 33.4 50.0#

89 0.0 57.2 85.8#

182 0.0 2.6 4.0#

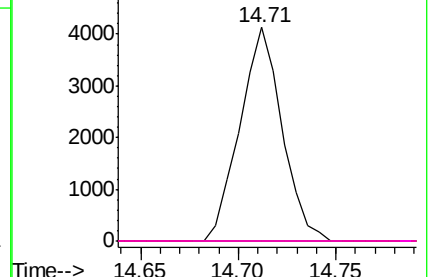
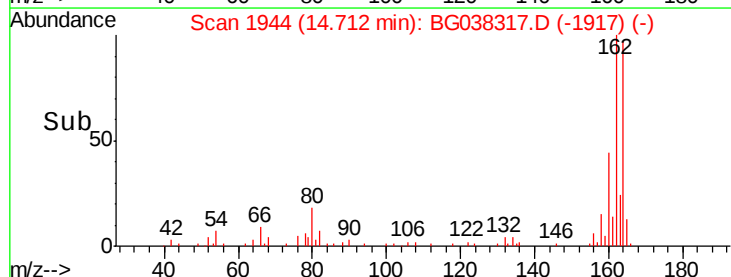


Abundance Ion 165.00 (164.70 to 165.70): E

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: BG038317.D

Acq: 4 Dec 2018 2:15

Instrument :

BNA_G

ClientSampleId :

S8-0-0.5-BGS

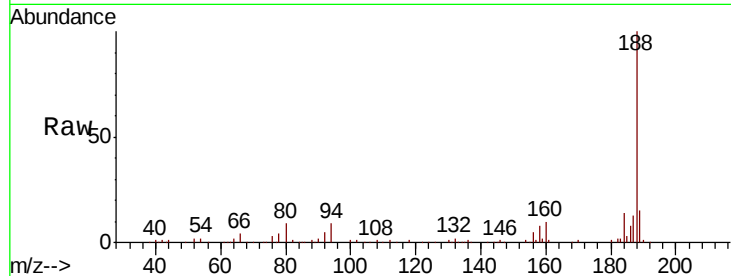
Tgt Ion:188 Resp: 173935

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

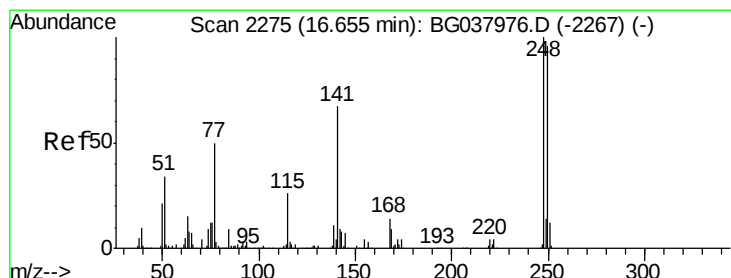
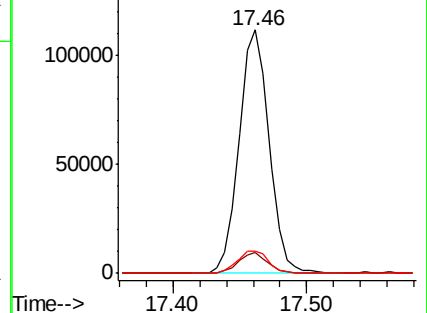
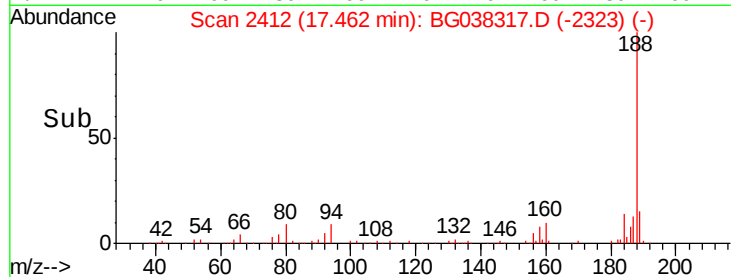
80 9.3 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#67

4-Bromophenyl-phenylether

Concen: 3.225 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.45 min

Lab File: BG038317.D

Acq: 4 Dec 2018 2:15

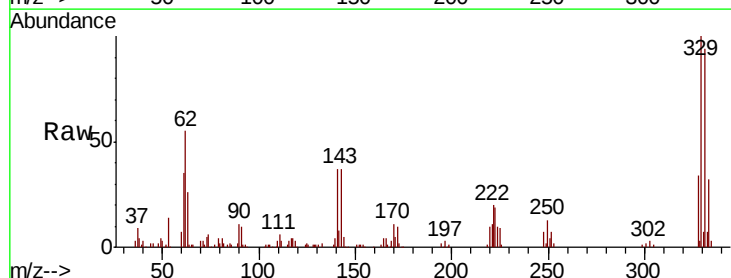
Tgt Ion:248 Resp: 6156

Ion Ratio Lower Upper

248 100

250 199.6 77.0 115.6#

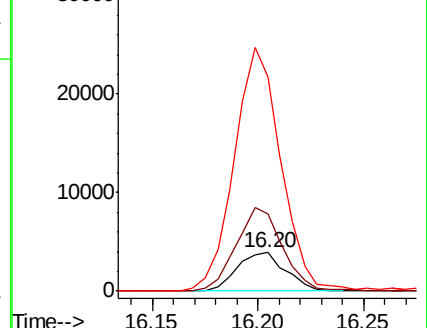
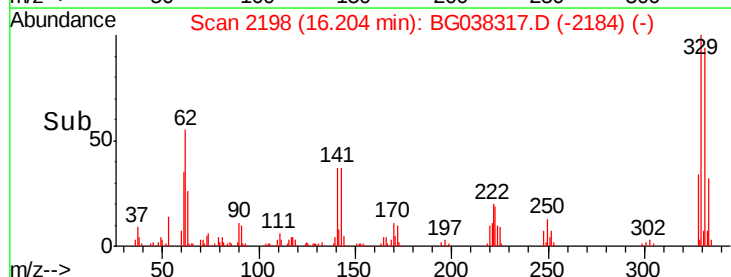
141 424.1 55.5 83.3#



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

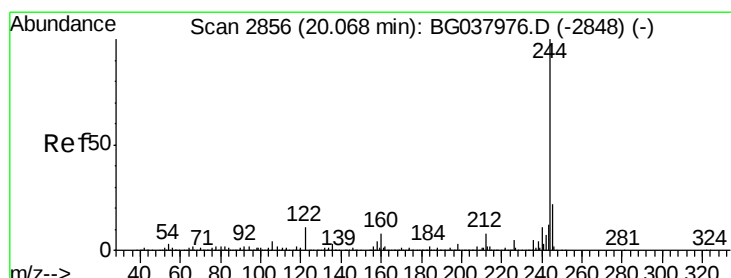
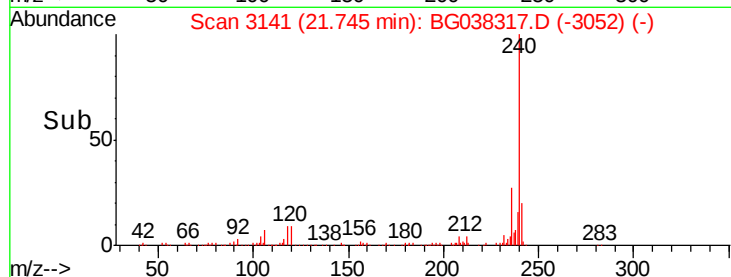
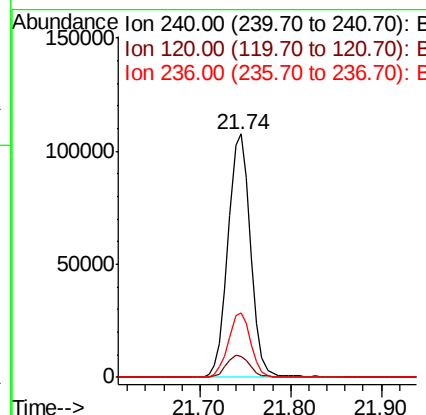
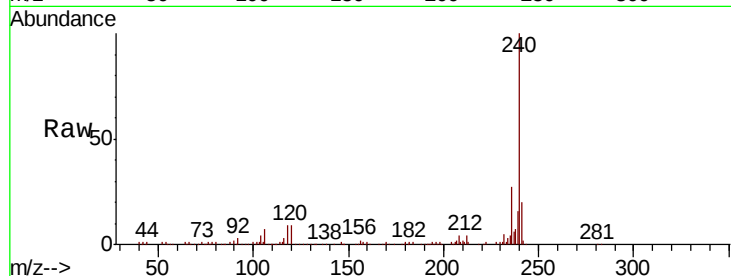




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG038317.D
Acq: 4 Dec 2018 2:15

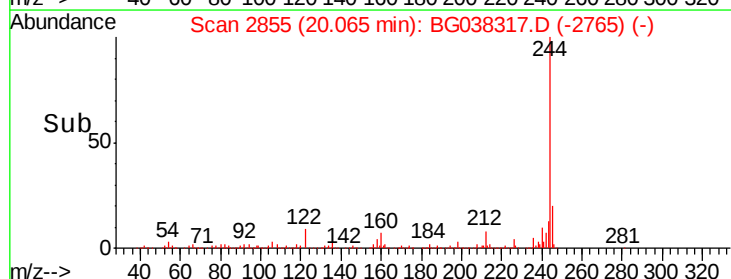
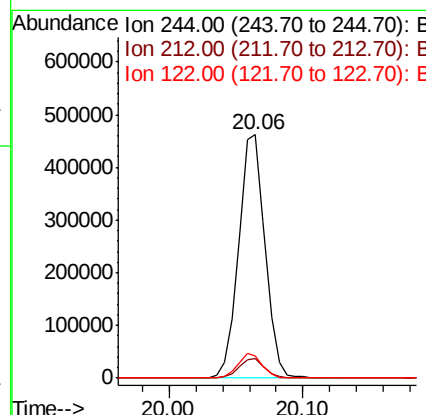
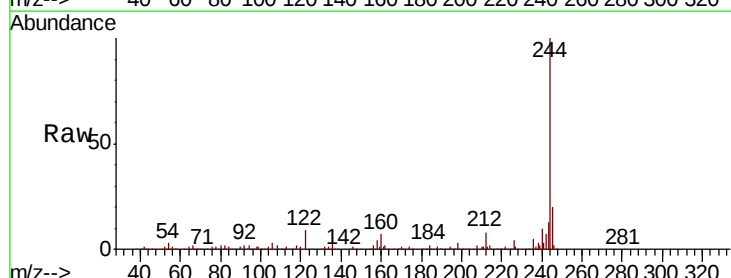
Instrument :
BNA_G
ClientSampleId :
S8-0-0.5-BGS

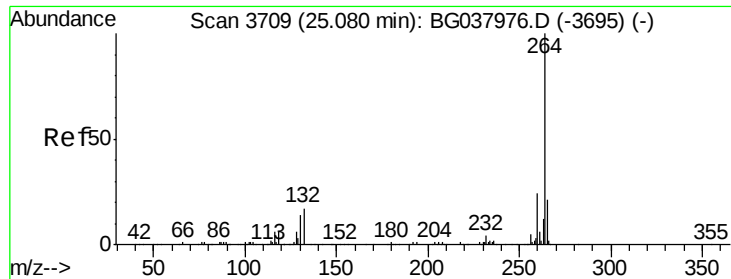
Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.6	8.1	12.1
236	26.7	21.4	32.0



#79
Terphenyl-d14
Concen: 80.155 ng
RT: 20.06 min Scan# 2855
Delta R.T. -0.00 min
Lab File: BG038317.D
Acq: 4 Dec 2018 2:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	8.9	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: BG038317.D
Acq: 4 Dec 2018 2:15

Instrument :
BNA_G
ClientSampleId :
S8-0-0.5-BGS

Tgt Ion:	264	Resp:	192552
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	20.3	17.9	26.9

