

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120318\
 Data File : BG038315.D
 Acq On : 4 Dec 2018 00:56
 Operator : JU/SJ
 Sample : J6179-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S6-0-0.5-BGS

Quant Time: Dec 04 05:05:22 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

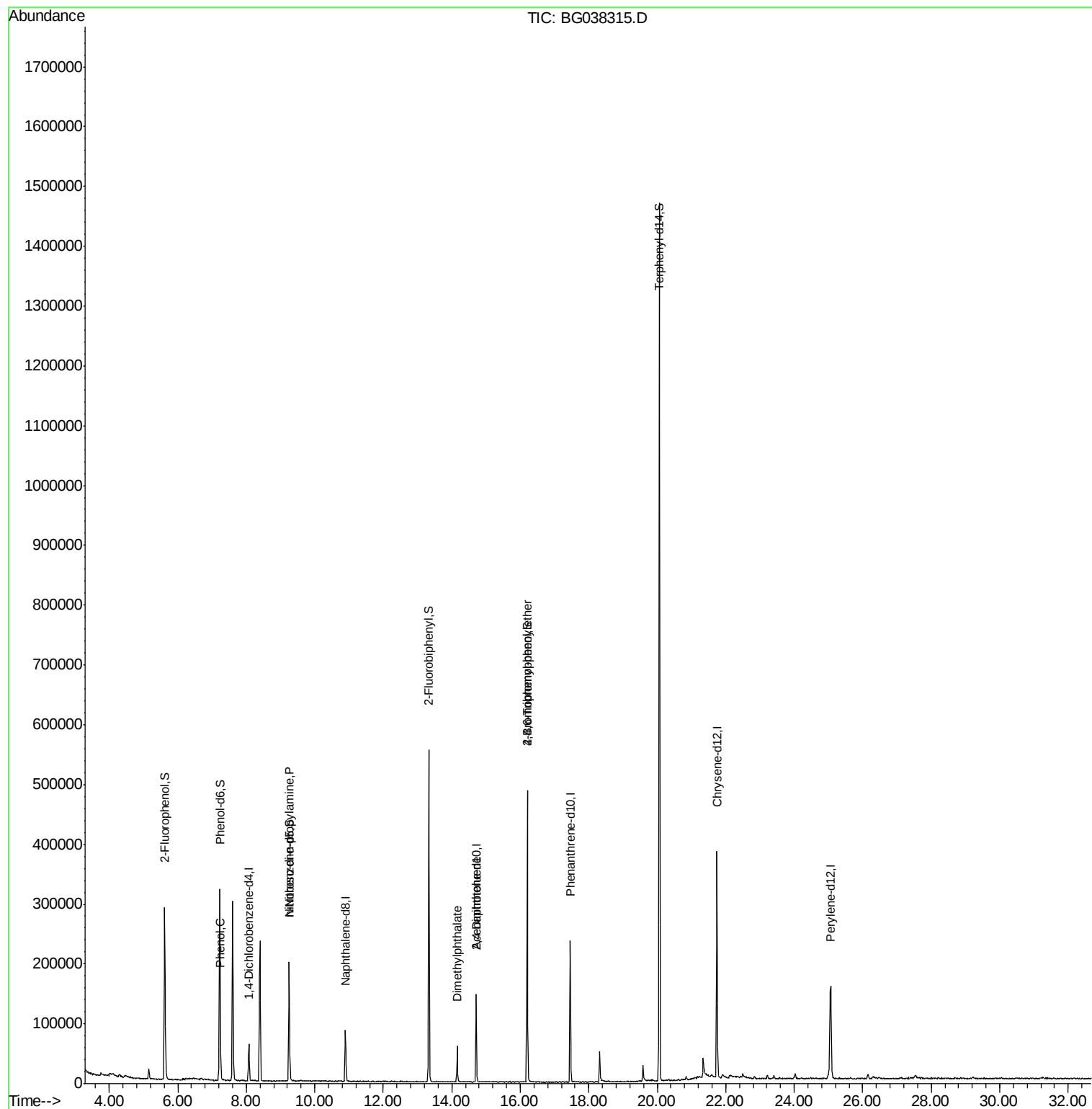
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	18372	20.00	ng	-0.01
21) Naphthalene-d8	10.90	136	79058	20.00	ng	-0.01
39) Acenaphthene-d10	14.71	164	53509	20.00	ng	-0.01
64) Phenanthrene-d10	17.46	188	151697	20.00	ng	-0.01
76) Chrysene-d12	21.74	240	225357	20.00	ng	-0.01
87) Perylene-d12	25.06	264	180363	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	139692	131.28	ng	-0.01
7) Phenol-d6	7.22	99	194684	128.17	ng	0.00
23) Nitrobenzene-d5	9.25	82	129296	87.55	ng	-0.01
42) 2,4,6-Tribromophenol	16.20	330	94092	154.18	ng	-0.01
45) 2-Fluorobiphenyl	13.33	172	308952	84.12	ng	-0.02
79) Terphenyl-d14	20.06	244	701855	73.28	ng	0.00
Target Compounds						
10) Phenol	7.25	94	13830	8.596	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	9.25	70	16435	14.954	ng	# 81
50) Dimethylphthalate	14.16	163	46038	10.853	ng	97
57) 2,4-Dinitrotoluene	14.72	165	6829	5.228	ng	# 23
67) 4-Bromophenyl-phenylether	16.20	248	6361	3.820	ng	# 1

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

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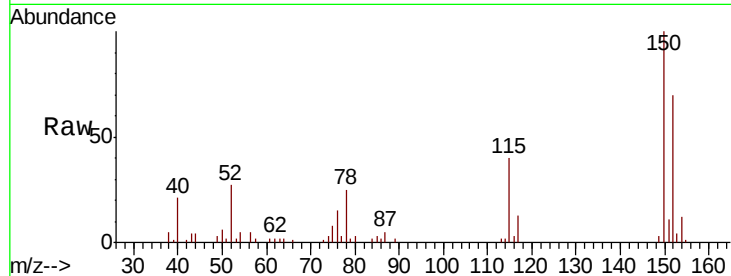


#1

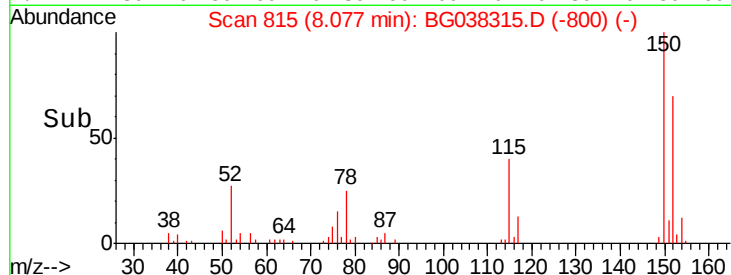
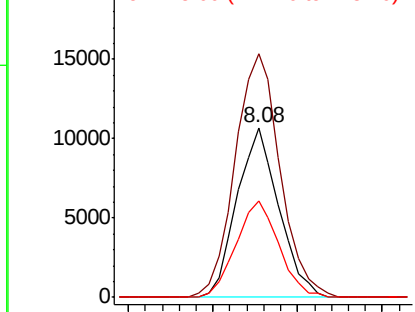
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BG038315.D
 Acq: 4 Dec 2018 00:56

Instrument :
 BNA_G
 ClientSampleId :
 S6-0-0.5-BGS

Tgt Ion:152 Resp: 18372
 Ion Ratio Lower Upper
 152 100
 150 143.7 126.0 189.0
 115 56.8 45.5 68.3



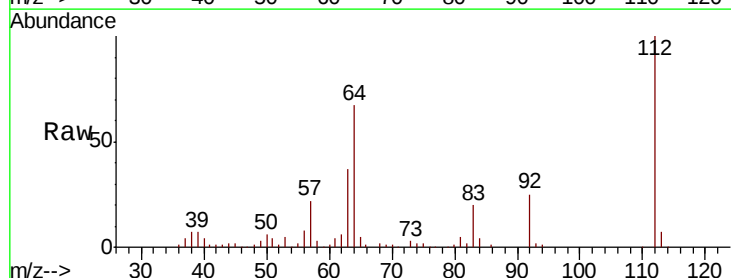
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



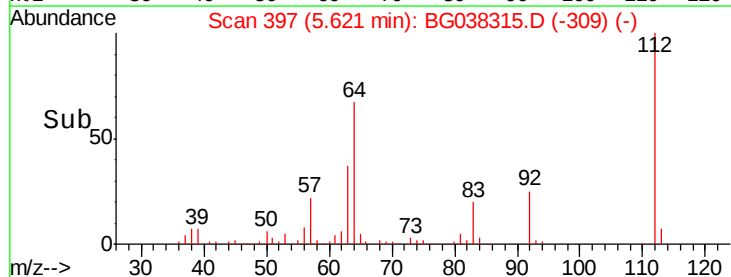
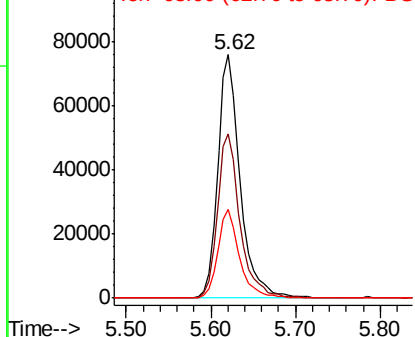
#5

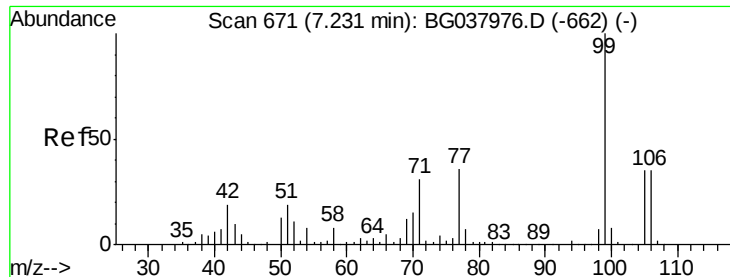
2-Fluorophenol
 Concen: 131.280 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.01 min
 Lab File: BG038315.D
 Acq: 4 Dec 2018 00:56

Tgt Ion:112 Resp: 139692
 Ion Ratio Lower Upper
 112 100
 64 67.4 53.1 79.7
 63 36.6 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: 128.174 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038315.D

Acq: 4 Dec 2018 00:56

Instrument :

BNA_G

ClientSampleId :

S6-0-0.5-BGS

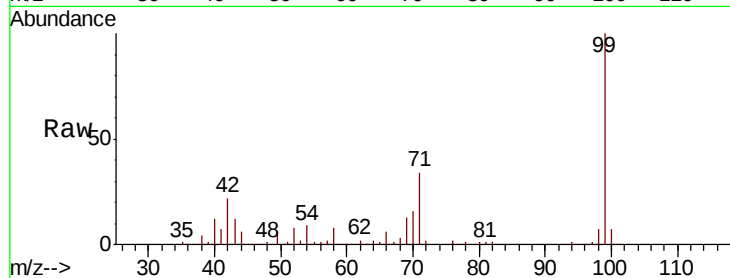
Tgt Ion: 99 Resp: 194684

Ion Ratio Lower Upper

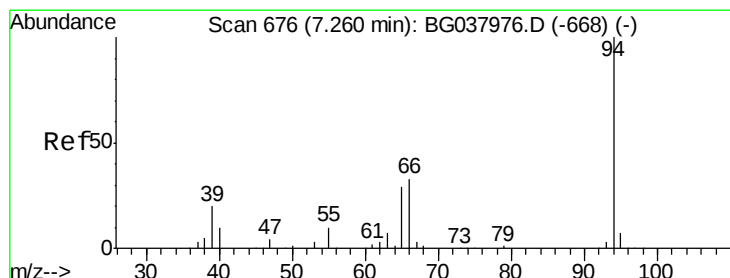
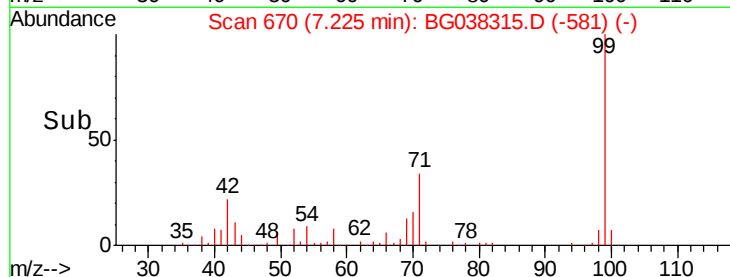
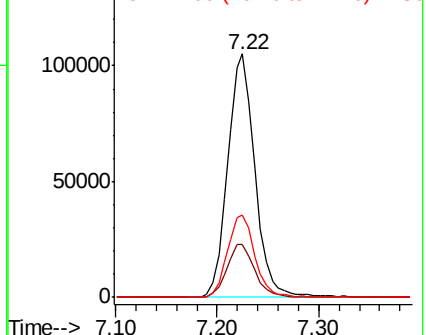
99 100

42 22.0 15.0 22.4

71 33.7 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: 8.596 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG038315.D

Acq: 4 Dec 2018 00:56

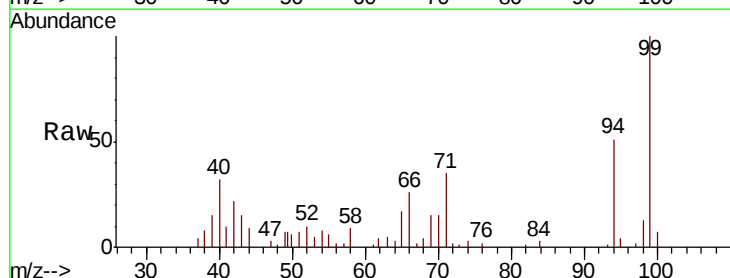
Tgt Ion: 94 Resp: 13830

Ion Ratio Lower Upper

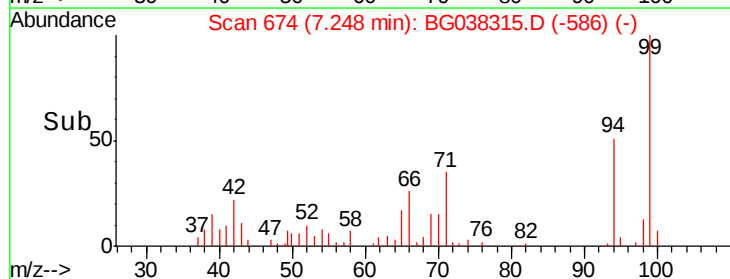
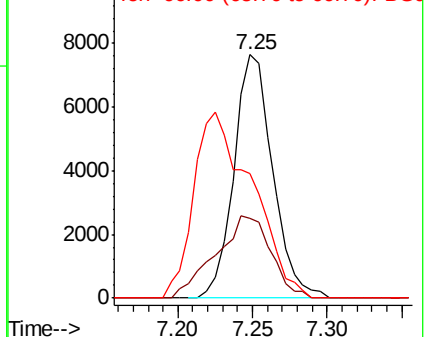
94 100

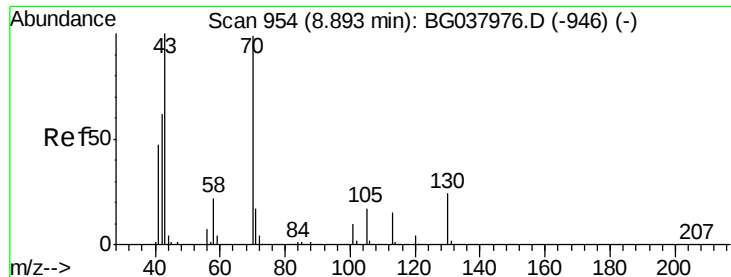
65 32.9 9.7 49.7

66 51.0 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

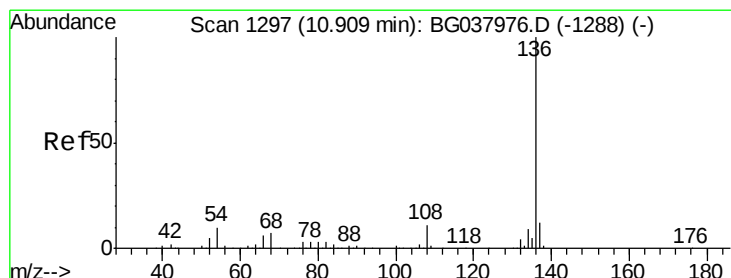
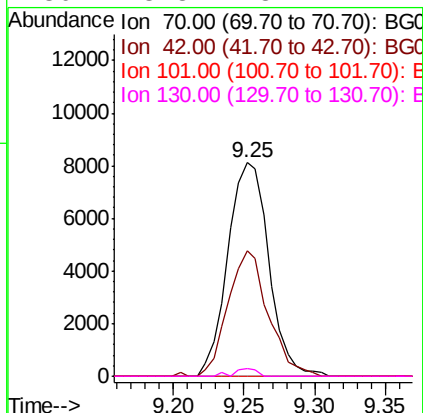
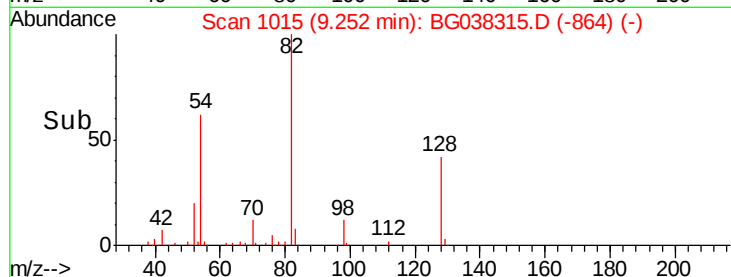
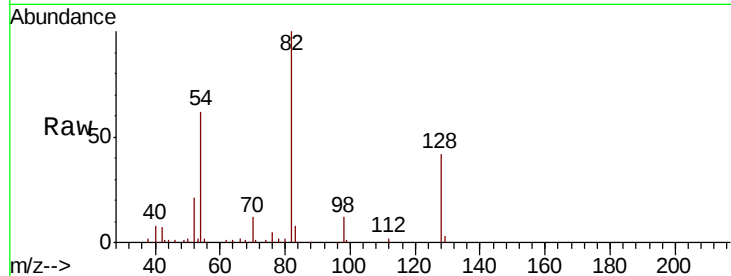




#19
n-Nitroso-di-n-propylamine
Concen: 14.954 ng
RT: 9.25 min Scan# 1015
Delta R.T. 0.36 min
Lab File: BG038315.D
Acq: 4 Dec 2018 00:56

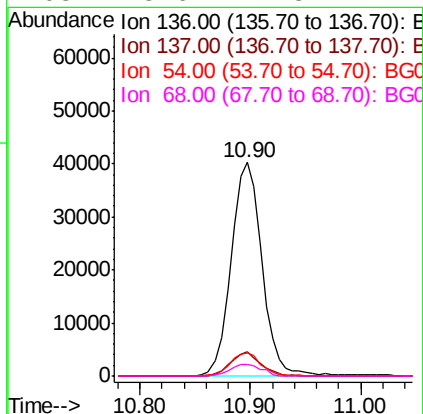
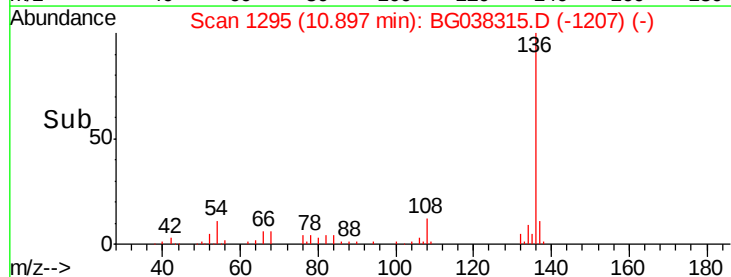
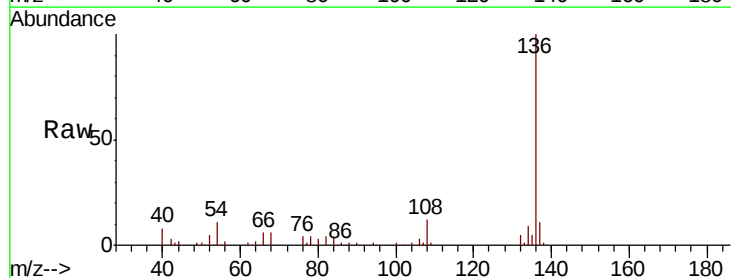
Instrument :
BNA_G
ClientSampleId :
S6-0-0.5-BGS

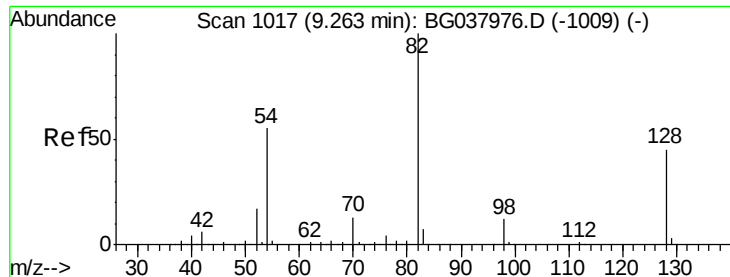
Tgt Ion: 70 Resp: 16435
Ion Ratio Lower Upper
70 100
42 58.6 53.9 80.9
101 0.0 8.2 12.2#
130 3.8 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG038315.D
Acq: 4 Dec 2018 00:56

Tgt Ion: 136 Resp: 79058
Ion Ratio Lower Upper
136 100
137 11.2 9.6 14.4
54 10.8 7.9 11.9
68 5.6 4.8 7.2

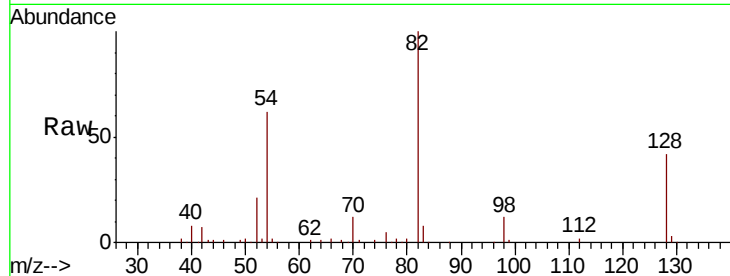




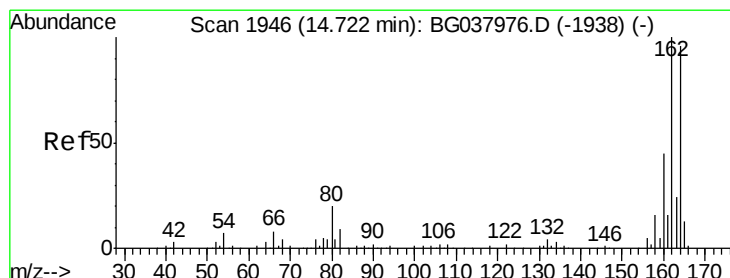
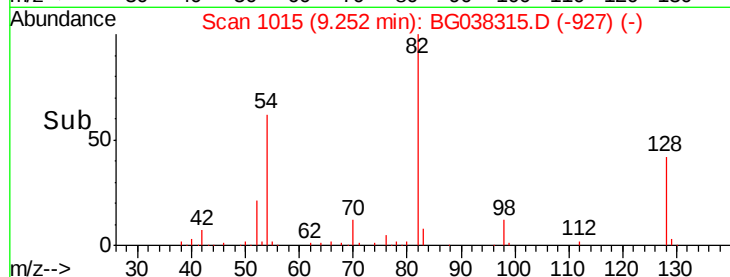
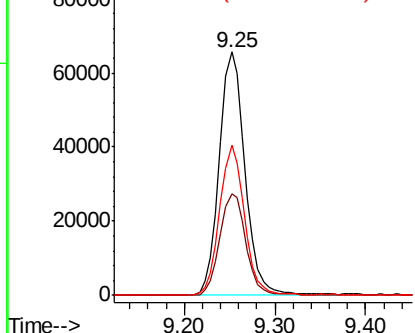
#23
Nitrobenzene-d5
Concen: 87.547 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG038315.D
Acq: 4 Dec 2018 00:56

Instrument :
BNA_G
ClientSampleId :
S6-0-0.5-BGS

Tgt Ion: 82 Resp: 129296
Ion Ratio Lower Upper
82 100
128 42.0 34.6 51.8
54 61.6 45.3 67.9

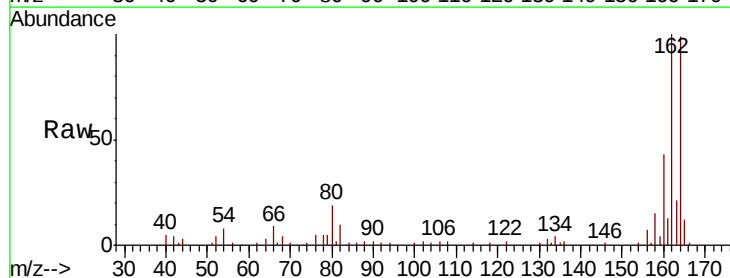


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

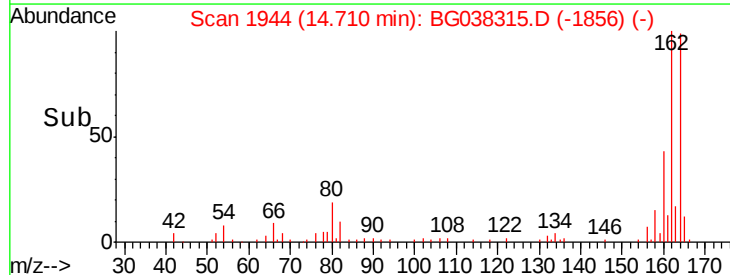
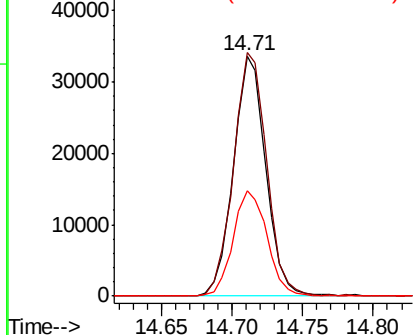


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG038315.D
Acq: 4 Dec 2018 00:56

Tgt Ion: 164 Resp: 53509
Ion Ratio Lower Upper
164 100
162 101.5 81.3 121.9
160 43.8 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

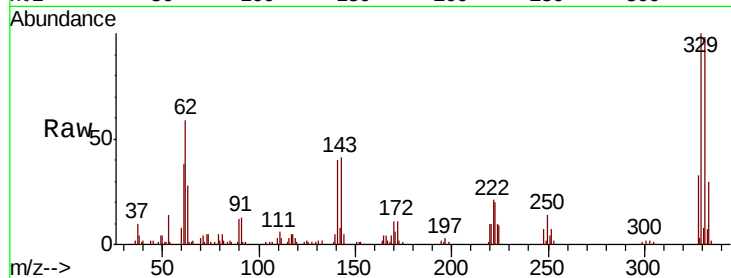




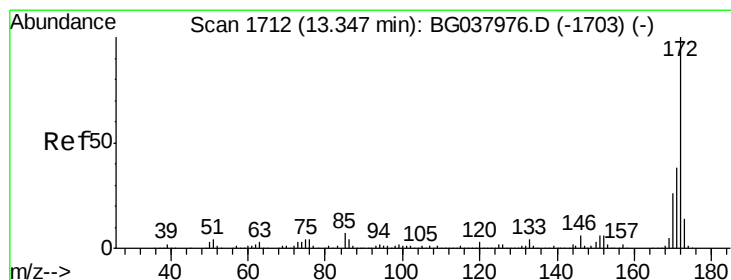
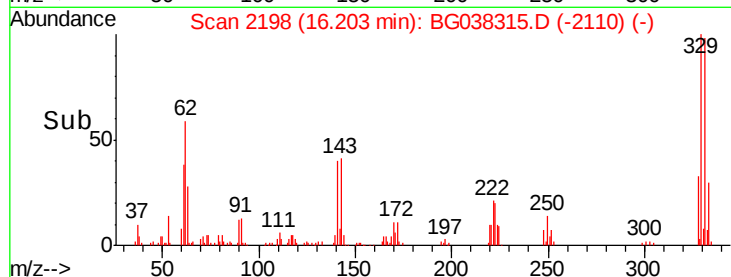
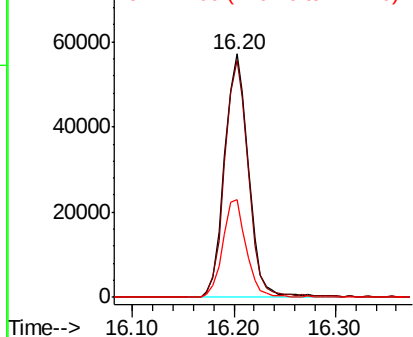
#42
 2,4,6-Tribromophenol
 Concen: 154.184 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG038315.D
 Acq: 4 Dec 2018 00:56

Instrument :
 BNA_G
 ClientSampleId :
 S6-0-0.5-BGS

Tgt Ion:330 Resp: 94092
 Ion Ratio Lower Upper
 330 100
 332 96.2 78.4 117.6
 141 39.0 32.2 48.2

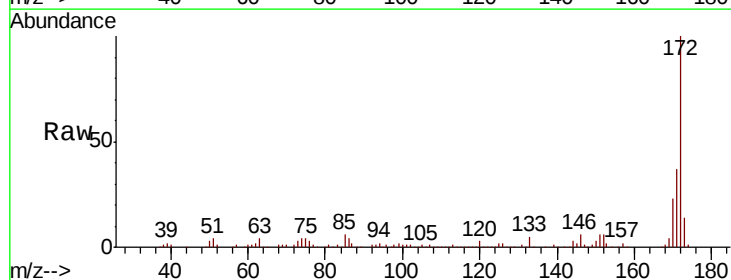


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

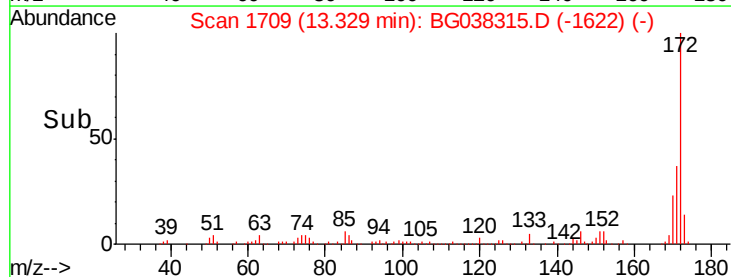
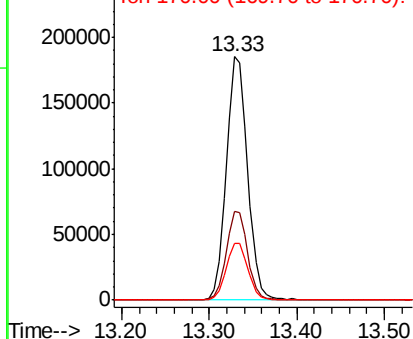


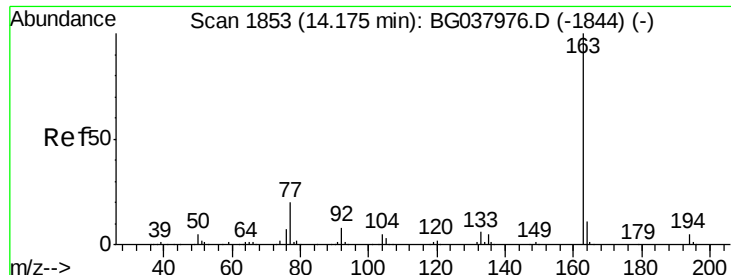
#45
 2-Fluorobiphenyl
 Concen: 84.116 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BG038315.D
 Acq: 4 Dec 2018 00:56

Tgt Ion:172 Resp: 308952
 Ion Ratio Lower Upper
 172 100
 171 36.7 31.0 46.4
 170 23.4 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: 10.853 ng

RT: 14.16 min Scan# 1850

Delta R.T. -0.02 min

Lab File: BG038315.D

Acq: 4 Dec 2018 00:56

Instrument :

BNA_G

ClientSampleId :

S6-0-0.5-BGS

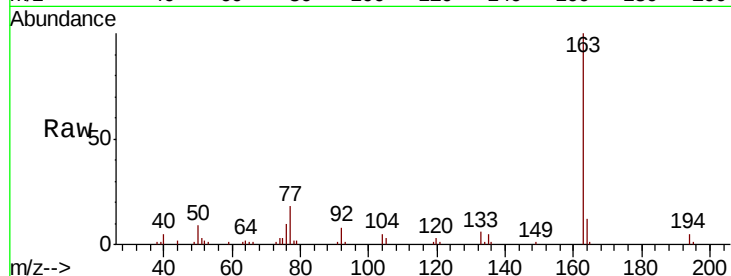
Tgt Ion:163 Resp: 46038

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

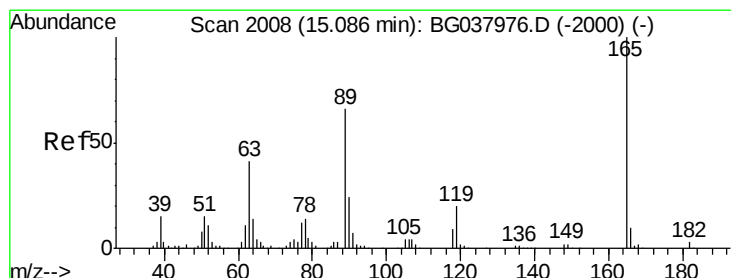
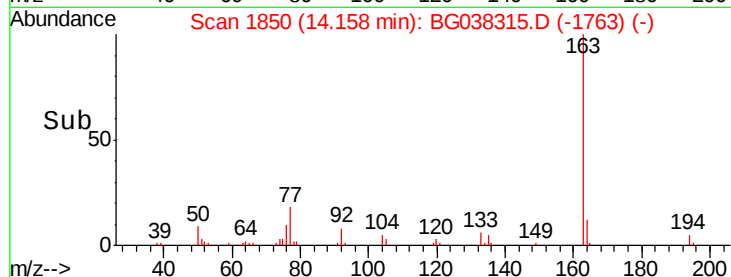
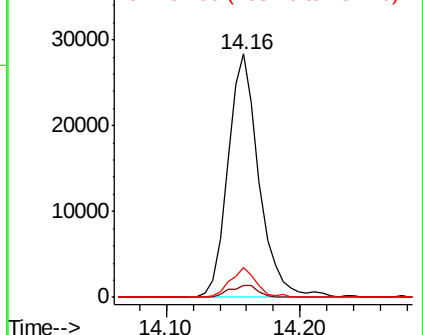
164 12.0 8.5 12.7



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: 5.228 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.37 min

Lab File: BG038315.D

Acq: 4 Dec 2018 00:56

Tgt Ion:165 Resp: 6829

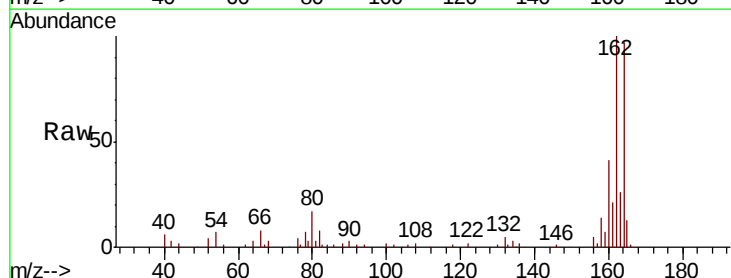
Ion Ratio Lower Upper

165 100

63 0.0 33.4 50.0#

89 0.0 57.2 85.8#

182 0.0 2.6 4.0#

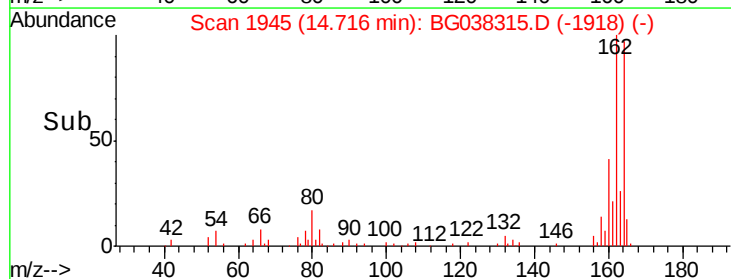
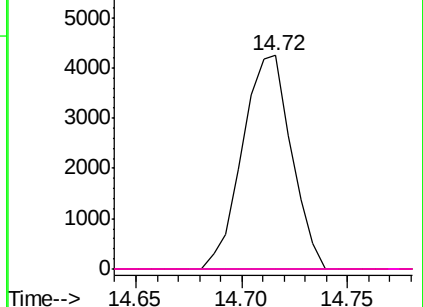


Abundance Ion 165.00 (164.70 to 165.70): E

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

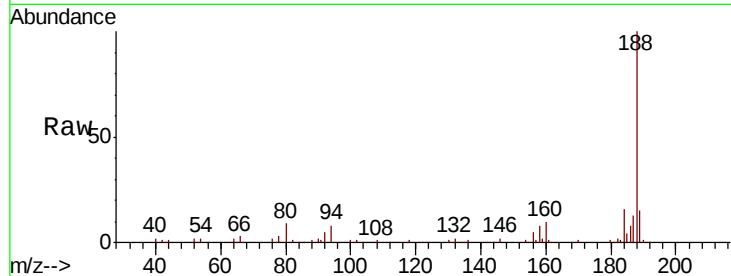




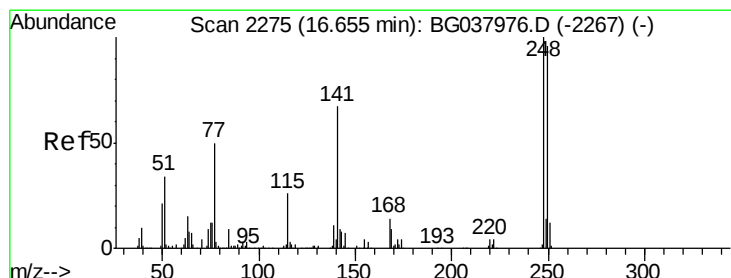
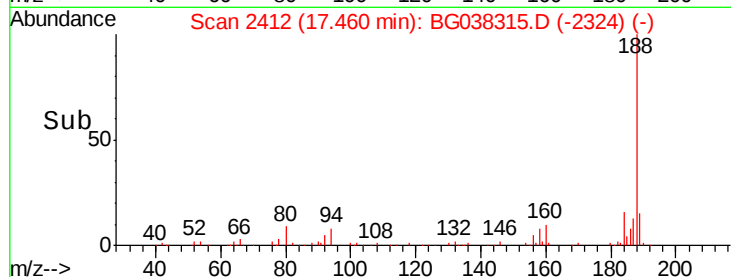
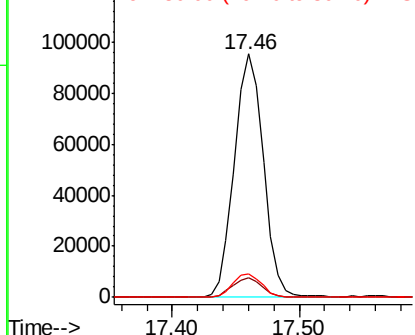
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG038315.D
Acq: 4 Dec 2018 00:56

Instrument :
BNA_G
ClientSampleId :
S6-0-0.5-BGS

Tgt Ion:188 Resp: 151697
Ion Ratio Lower Upper
188 100
94 7.9 7.2 10.8
80 9.4 7.7 11.5

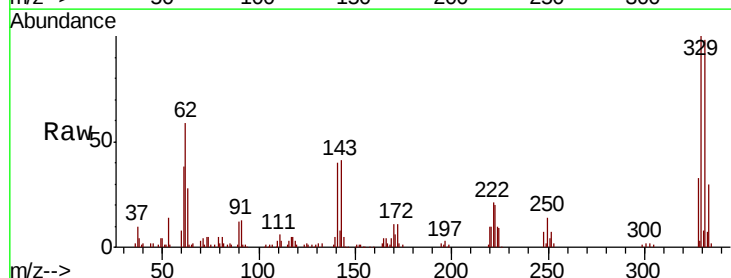


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

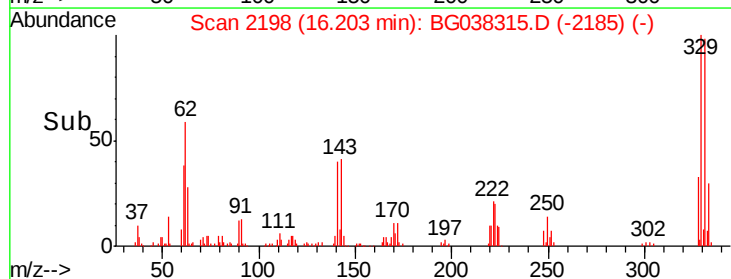
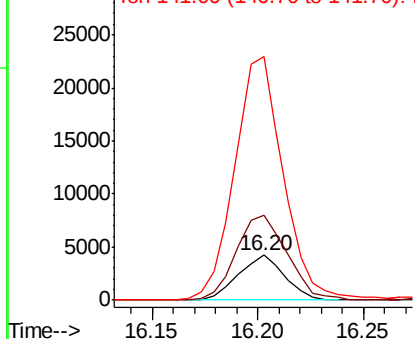


#67
4-Bromophenyl-phenylether
Concen: 3.820 ng
RT: 16.20 min Scan# 2198
Delta R.T. -0.45 min
Lab File: BG038315.D
Acq: 4 Dec 2018 00:56

Tgt Ion:248 Resp: 6361
Ion Ratio Lower Upper
248 100
250 181.3 77.0 115.6#
141 410.8 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

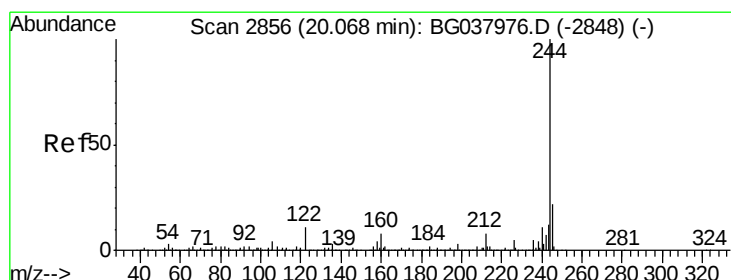
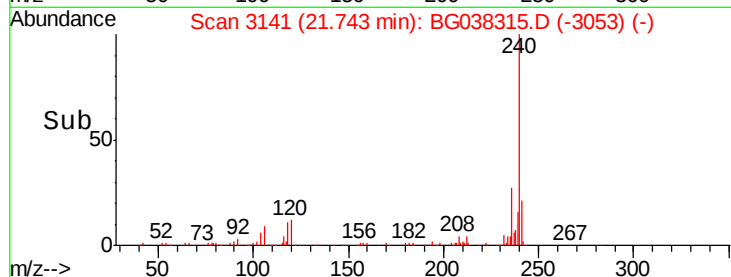
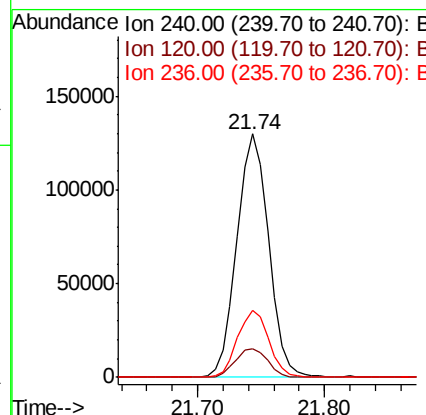
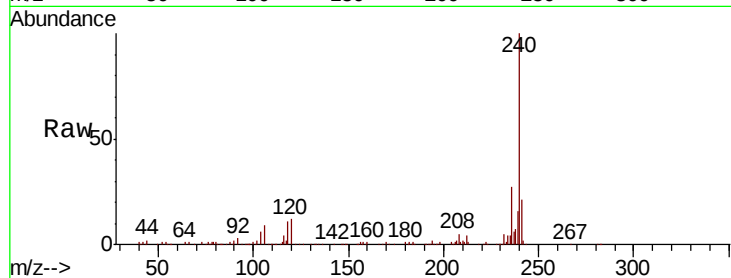




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG038315.D
Acq: 4 Dec 2018 00:56

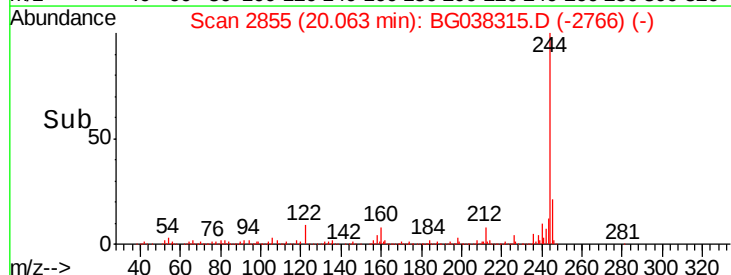
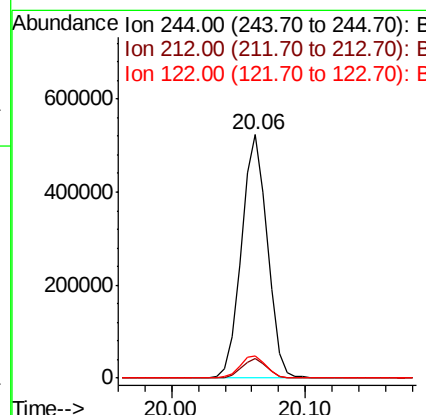
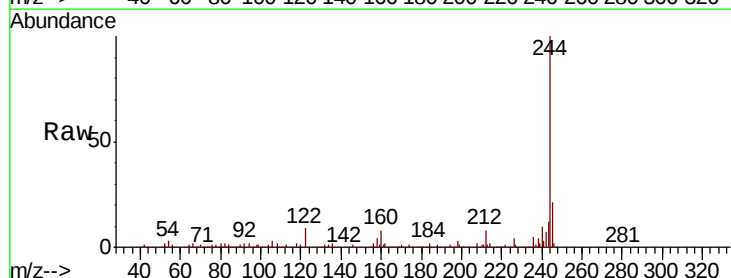
Instrument :
BNA_G
ClientSampleId :
S6-0-0.5-BGS

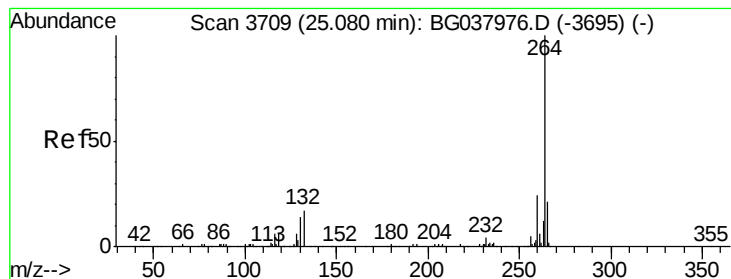
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.1	12.1
236	27.4	21.4	32.0



#79
Terphenyl-d14
Concen: 73.282 ng
RT: 20.06 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BG038315.D
Acq: 4 Dec 2018 00:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	9.0	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: BG038315.D

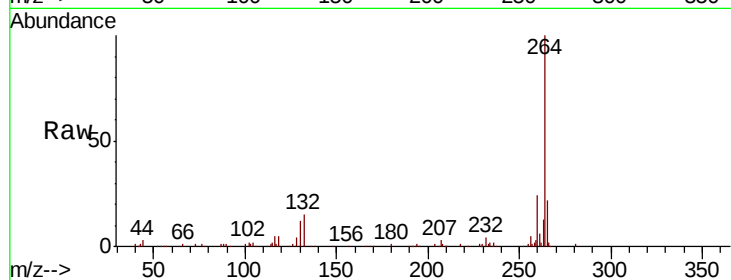
Acq: 4 Dec 2018 00:56

Instrument :

BNA_G

ClientSampleId :

S6-0-0.5-BGS



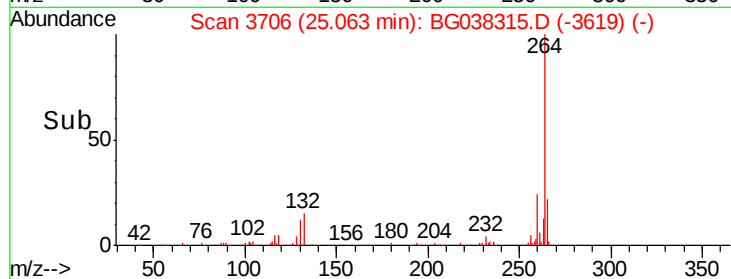
Tgt Ion: 264 Resp: 180363

Ion Ratio Lower Upper

264 100

260 24.4 18.2 27.4

265 21.7 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

80000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

