

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120318\
 Data File : BG038314.D
 Acq On : 4 Dec 2018 00:17
 Operator : JU/SJ
 Sample : J6179-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S5-0-0.5-BGS

Quant Time: Dec 04 05:05:13 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

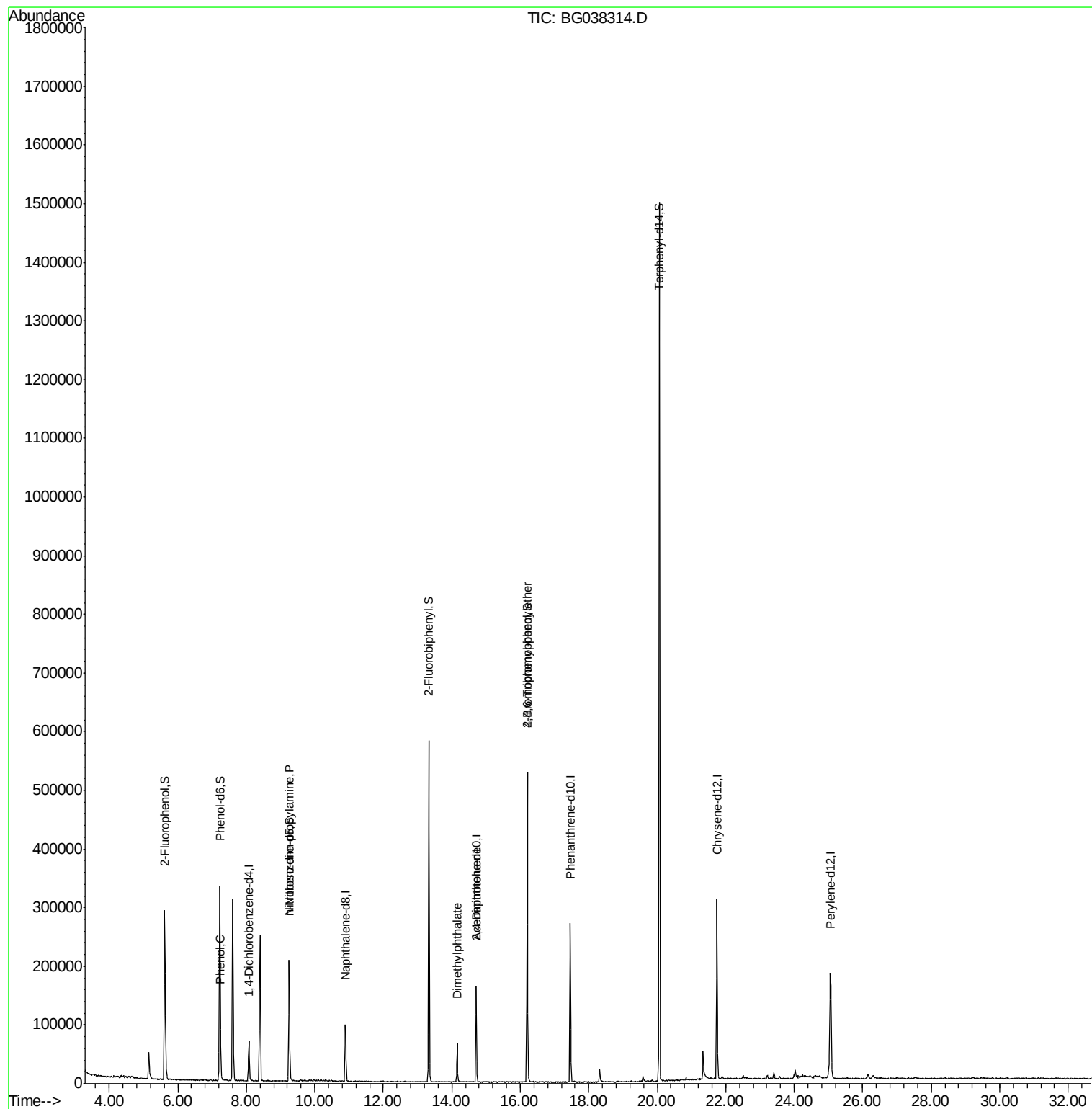
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	20756	20.00	ng	-0.01
21) Naphthalene-d8	10.90	136	88128	20.00	ng	-0.01
39) Acenaphthene-d10	14.71	164	60150	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	178791	20.00	ng	-0.01
76) Chrysene-d12	21.74	240	189539	20.00	ng	-0.01
87) Perylene-d12	25.06	264	205156	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	147368	122.59	ng	-0.01
7) Phenol-d6	7.22	99	210467	122.65	ng	0.00
23) Nitrobenzene-d5	9.25	82	134849	81.91	ng	-0.01
42) 2,4,6-Tribromophenol	16.20	330	99276	144.72	ng	-0.01
45) 2-Fluorobiphenyl	13.33	172	318558	77.16	ng	-0.01
79) Terphenyl-d14	20.06	244	714769	88.73	ng	0.00
Target Compounds						
10) Phenol	7.25	94	15178	8.350	ng	92
19) n-Nitroso-di-n-propylamine	9.25	70	16958	13.657	ng	# 75
50) Dimethylphthalate	14.16	163	47855	10.036	ng	# 97
57) 2,4-Dinitrotoluene	14.71	165	7972	5.429	ng	# 23
67) 4-Bromophenyl-phenylether	16.20	248	6647	3.387	ng	# 1

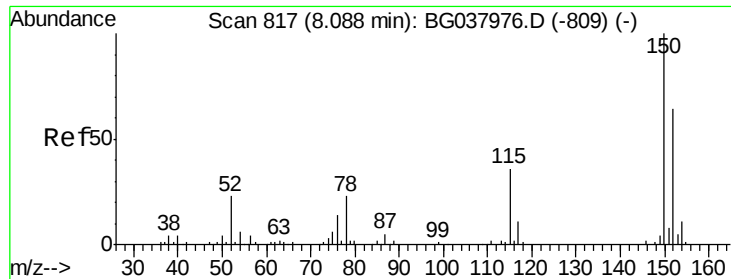
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120318\
Data File : BG038314.D
Acq On : 4 Dec 2018 00:17
Operator : JU/SJ
Sample : J6179-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S5-0-0.5-BGS

Quant Time: Dec 04 05:05:13 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



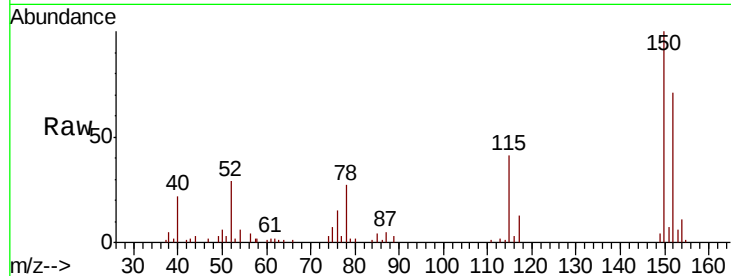


#1

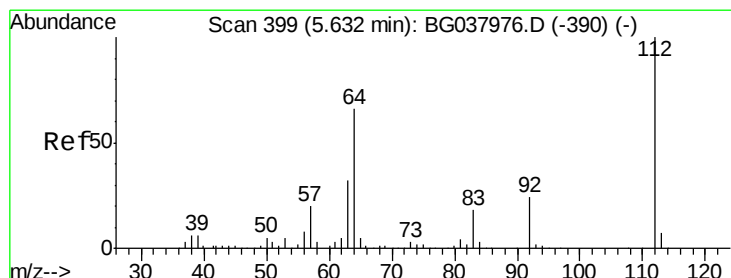
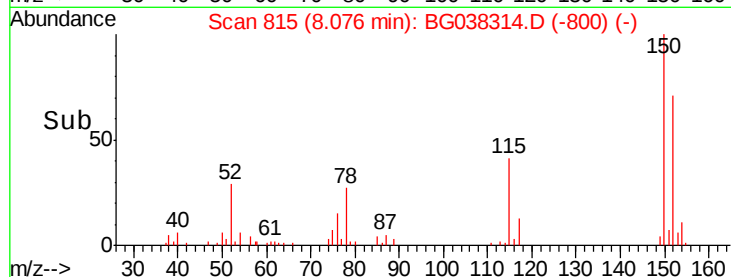
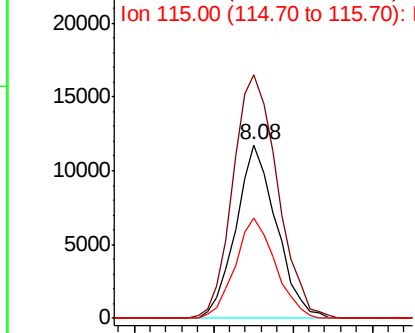
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BG038314.D
 Acq: 4 Dec 2018 00:17

Instrument :
 BNA_G
 ClientSampleId :
 S5-0-0.5-BGS

Tgt Ion:152 Resp: 20756
 Ion Ratio Lower Upper
 152 100
 150 140.4 126.0 189.0
 115 57.5 45.5 68.3



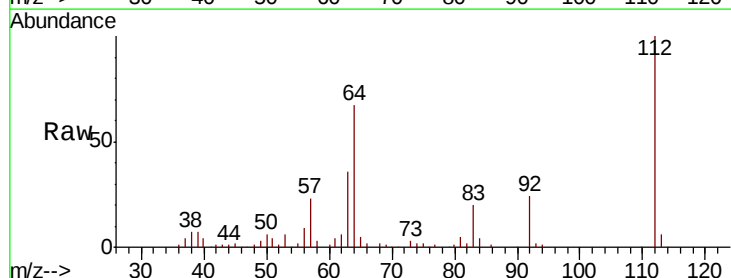
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



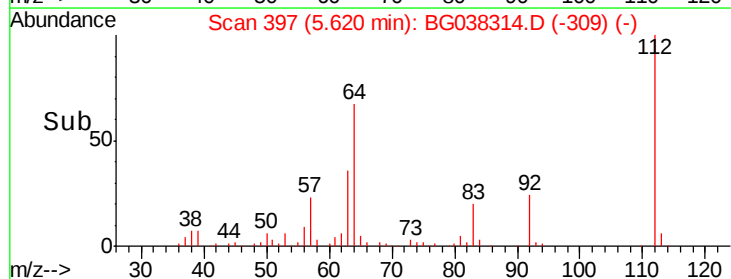
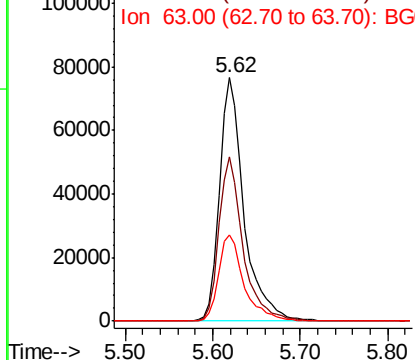
#5

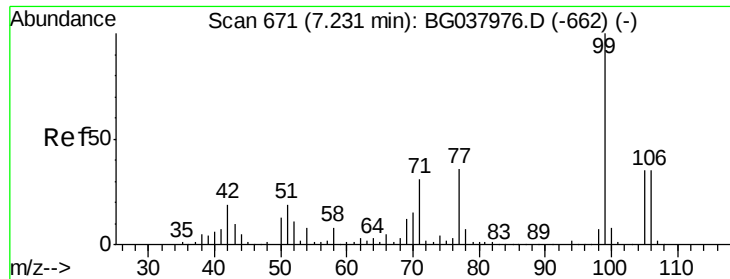
2-Fluorophenol
 Concen: 122.586 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.01 min
 Lab File: BG038314.D
 Acq: 4 Dec 2018 00:17

Tgt Ion:112 Resp: 147368
 Ion Ratio Lower Upper
 112 100
 64 67.3 53.1 79.7
 63 35.6 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: 122.649 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038314.D

Acq: 4 Dec 2018 00:17

Instrument :

BNA_G

ClientSampleId :

S5-0-0.5-BGS

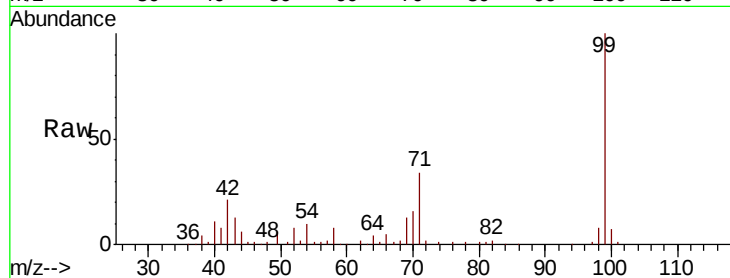
Tgt Ion: 99 Resp: 210467

Ion Ratio Lower Upper

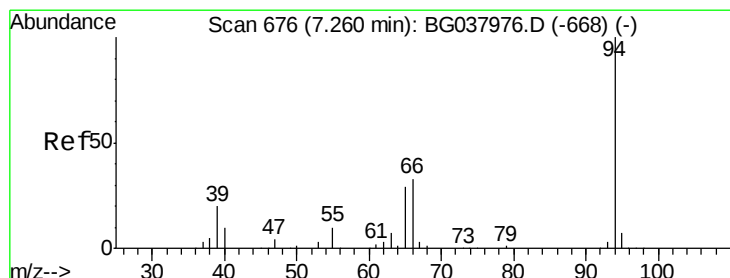
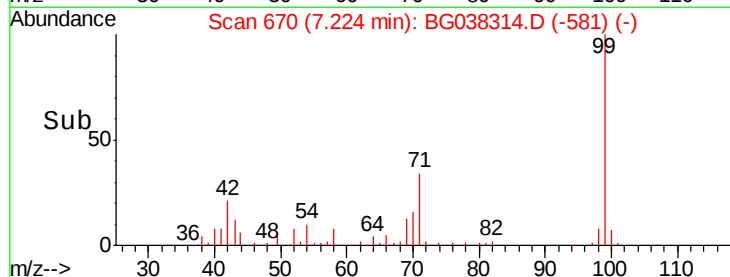
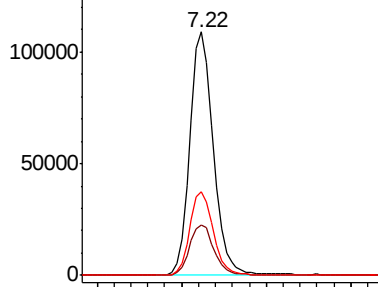
99 100

42 20.6 15.0 22.4

71 34.5 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: 8.350 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.01 min

Lab File: BG038314.D

Acq: 4 Dec 2018 00:17

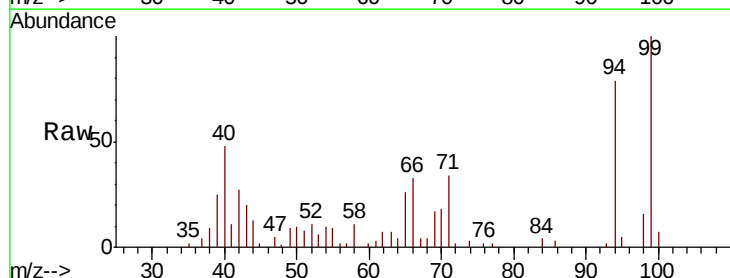
Tgt Ion: 94 Resp: 15178

Ion Ratio Lower Upper

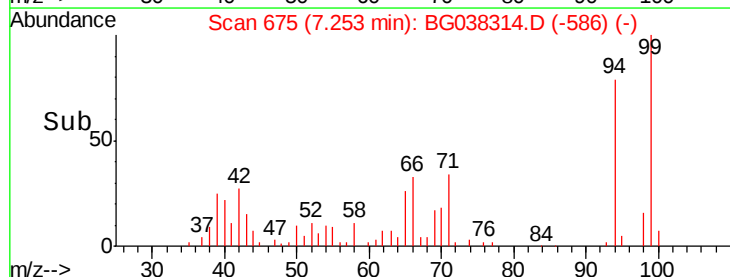
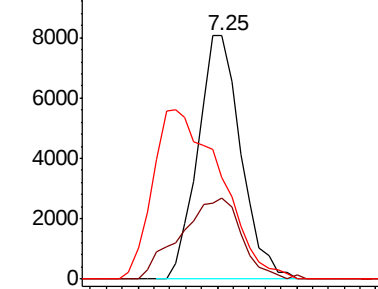
94 100

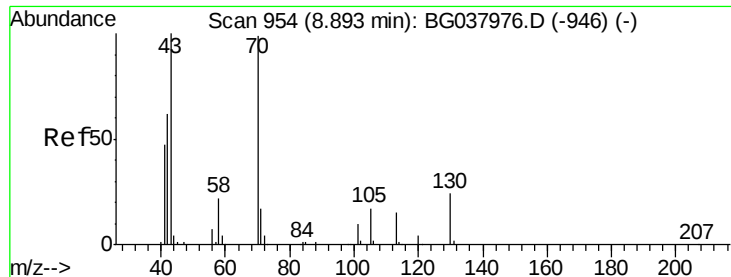
65 33.5 9.7 49.7

66 41.6 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

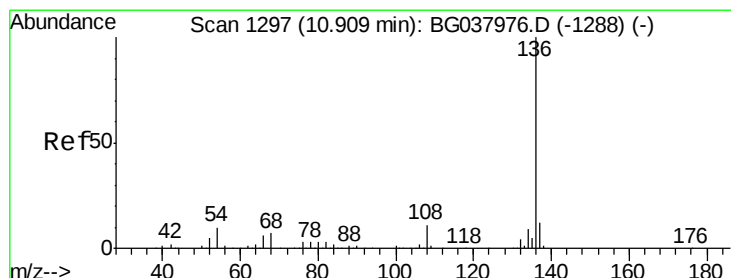
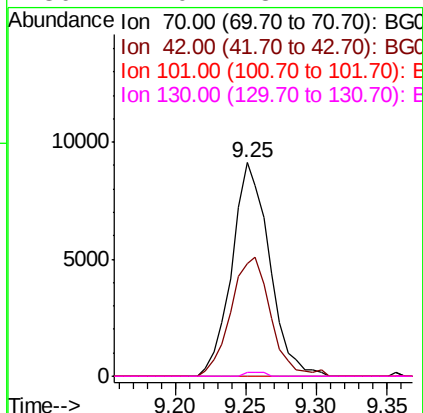
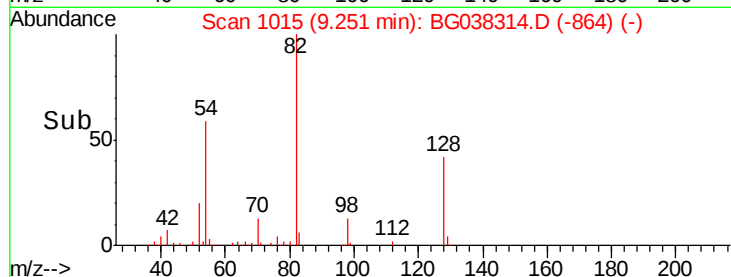
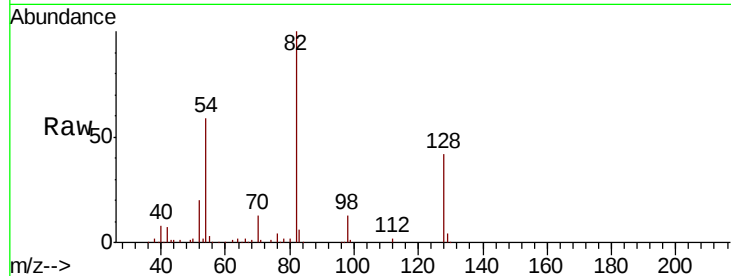




#19
n-Nitroso-di-n-propylamine
Concen: 13.657 ng
RT: 9.25 min Scan# 1015
Delta R.T. 0.36 min
Lab File: BG038314.D
Acq: 4 Dec 2018 00:17

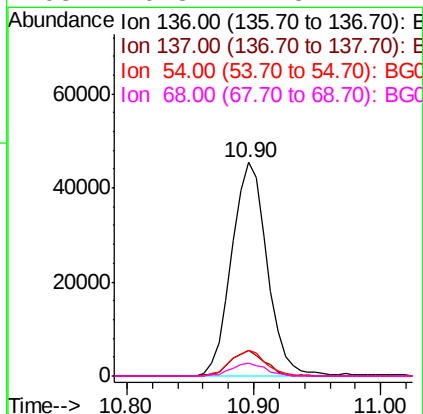
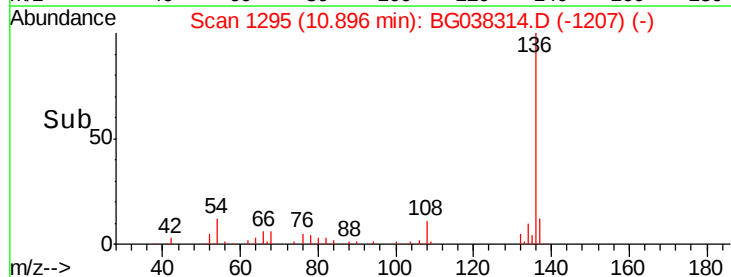
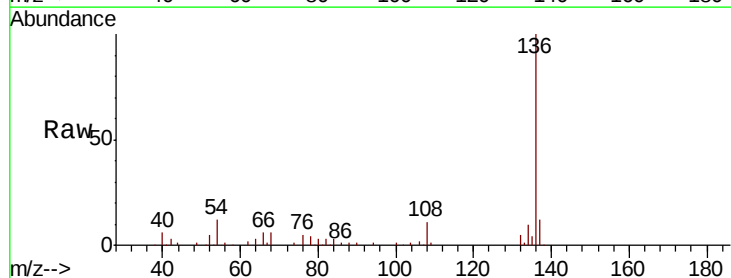
Instrument :
BNA_G
ClientSampleId :
S5-0-0.5-BGS

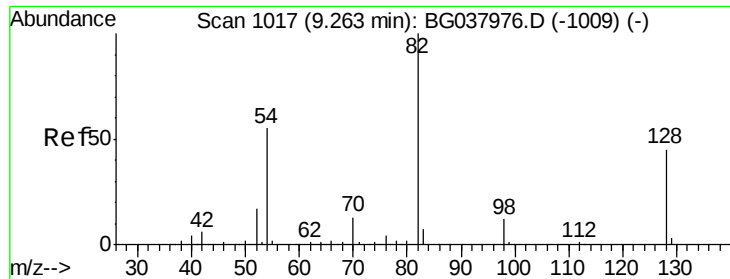
Tgt Ion: 70 Resp: 16958
Ion Ratio Lower Upper
70 100
42 52.9 53.9 80.9#
101 0.0 8.2 12.2#
130 2.0 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG038314.D
Acq: 4 Dec 2018 00:17

Tgt Ion: 136 Resp: 88128
Ion Ratio Lower Upper
136 100
137 12.1 9.6 14.4
54 11.9 7.9 11.9
68 6.3 4.8 7.2

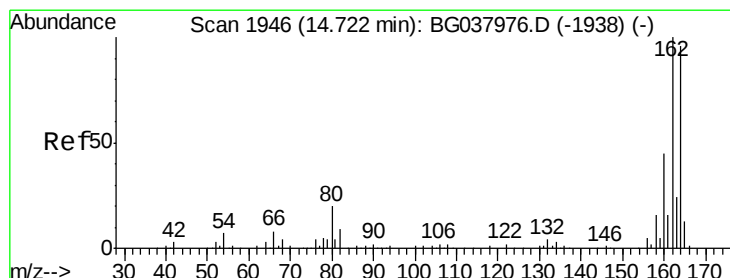
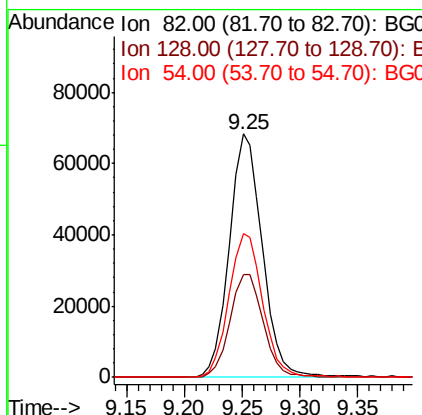
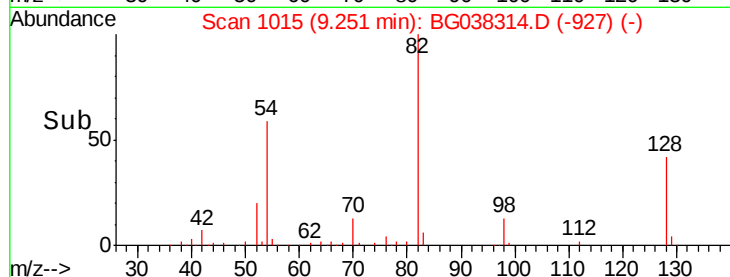
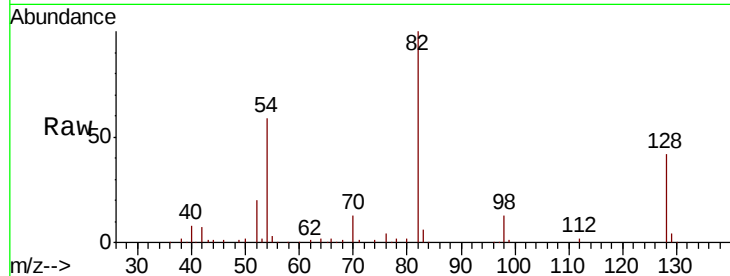




#23
Nitrobenzene-d5
Concen: 81.909 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG038314.D
Acq: 4 Dec 2018 00:17

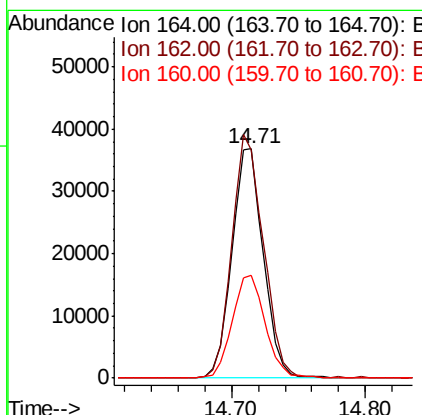
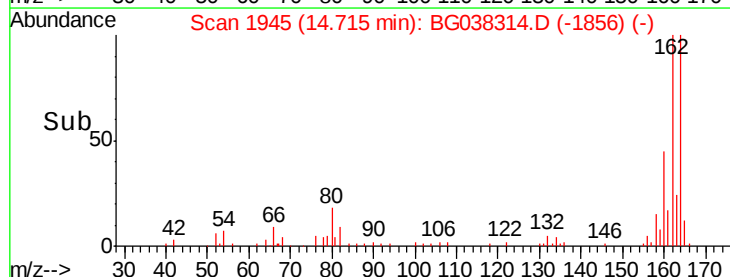
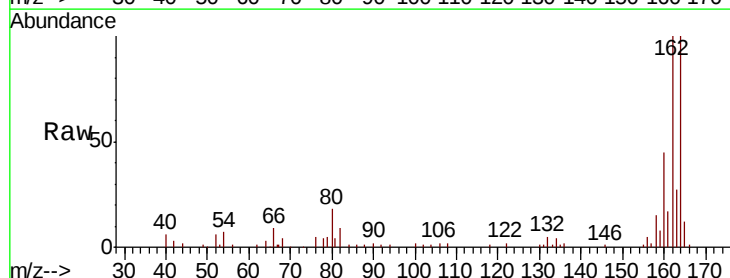
Instrument :
BNA_G
ClientSampleId :
S5-0-0.5-BGS

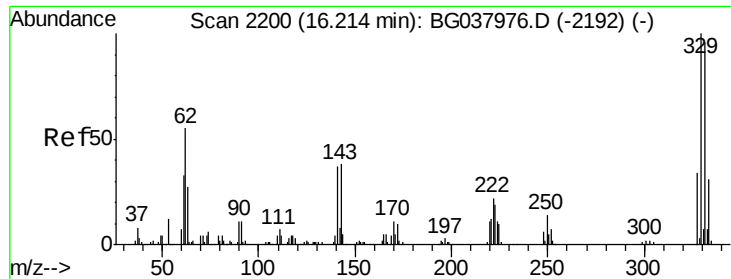
Tgt Ion: 82 Resp: 134849
Ion Ratio Lower Upper
82 100
128 42.1 34.6 51.8
54 59.3 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG038314.D
Acq: 4 Dec 2018 00:17

Tgt Ion:164 Resp: 60150
Ion Ratio Lower Upper
164 100
162 99.7 81.3 121.9
160 44.6 36.3 54.5

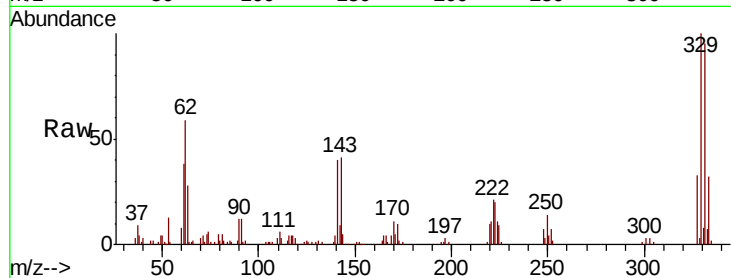




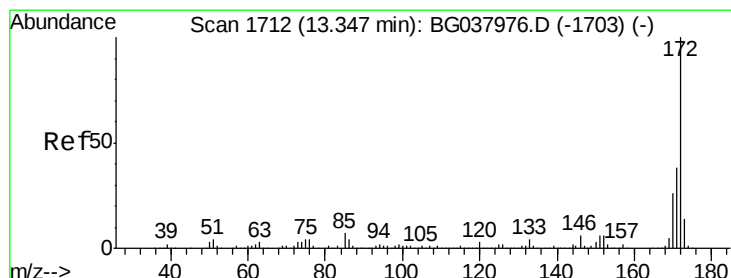
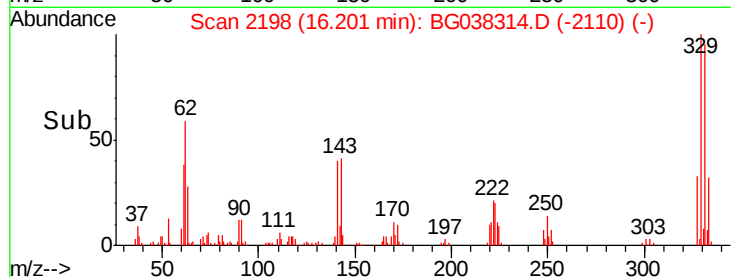
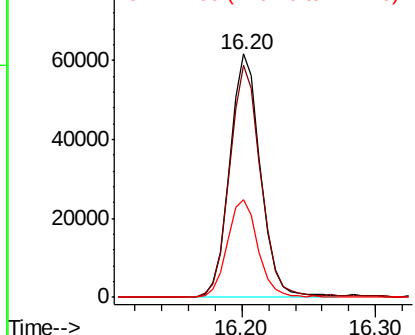
#42
 2,4,6-Tribromophenol
 Concen: 144.718 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG038314.D
 Acq: 4 Dec 2018 00:17

Instrument :
 BNA_G
 ClientSampleId :
 S5-0-0.5-BGS

Tgt Ion:330 Resp: 99276
 Ion Ratio Lower Upper
 330 100
 332 95.9 78.4 117.6
 141 40.3 32.2 48.2

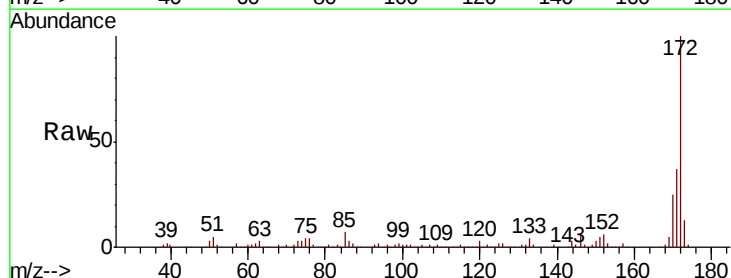


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

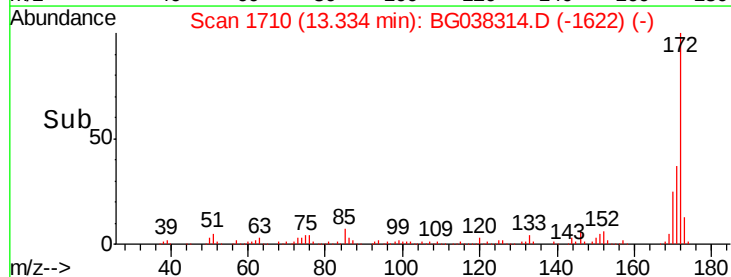
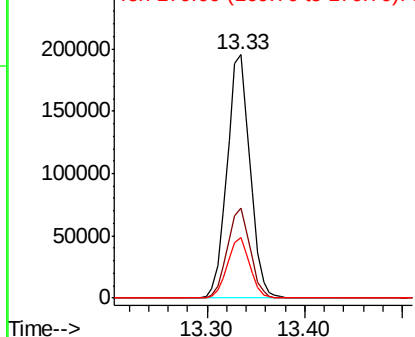


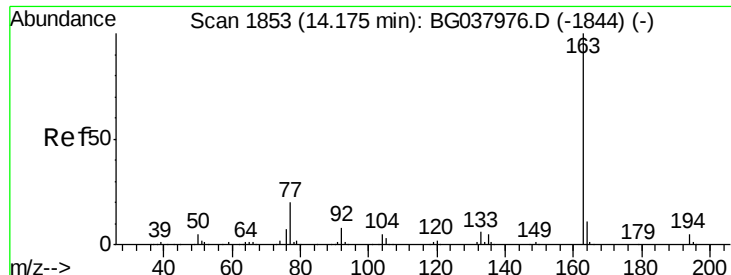
#45
 2-Fluorobiphenyl
 Concen: 77.156 ng
 RT: 13.33 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG038314.D
 Acq: 4 Dec 2018 00:17

Tgt Ion:172 Resp: 318558
 Ion Ratio Lower Upper
 172 100
 171 36.7 31.0 46.4
 170 24.8 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: 10.036 ng

RT: 14.16 min Scan# 1850

Delta R.T. -0.02 min

Lab File: BG038314.D

Acq: 4 Dec 2018 00:17

Instrument :

BNA_G

ClientSampleId :

S5-0-0.5-BGS

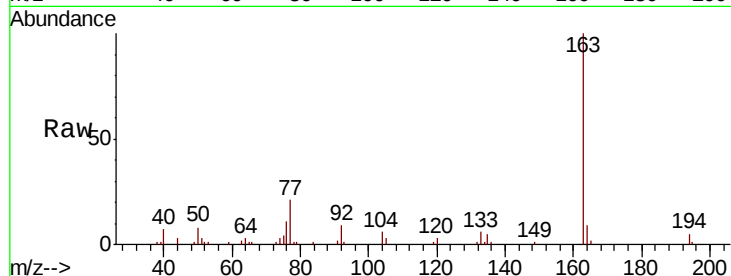
Tgt Ion:163 Resp: 47855

Ion Ratio Lower Upper

163 100

194 5.4 3.5 5.3#

164 9.5 8.5 12.7

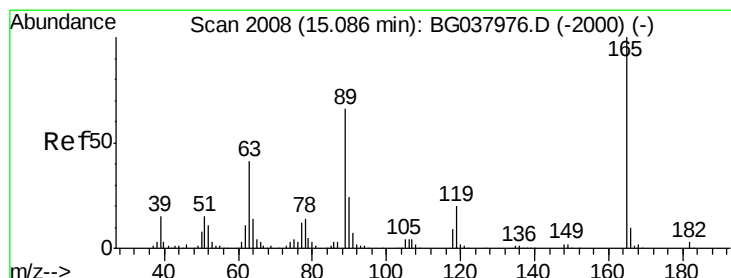
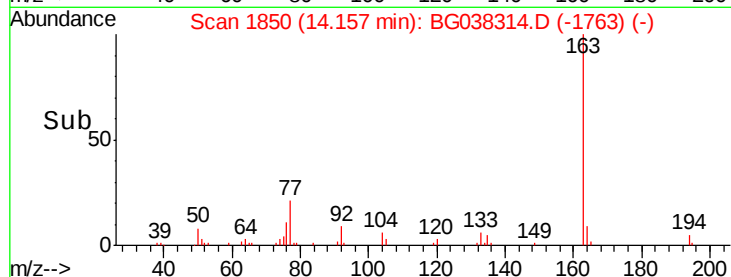
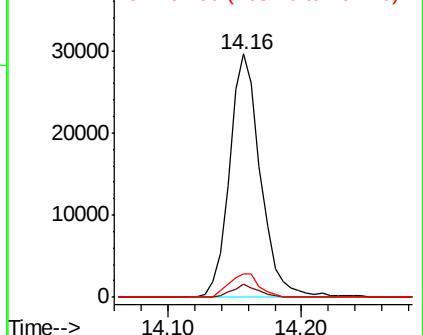


Abundance

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: 5.429 ng

RT: 14.71 min Scan# 1945

Delta R.T. -0.37 min

Lab File: BG038314.D

Acq: 4 Dec 2018 00:17

Tgt Ion:165 Resp: 7972

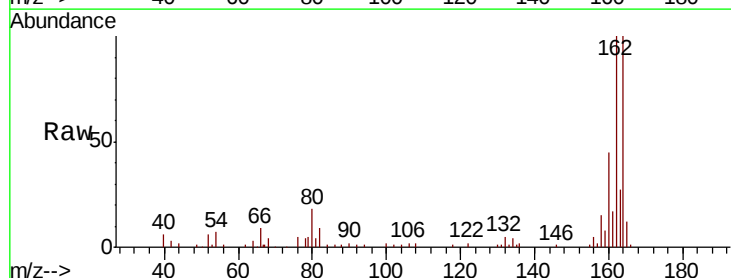
Ion Ratio Lower Upper

165 100

63 0.0 33.4 50.0#

89 0.0 57.2 85.8#

182 0.0 2.6 4.0#



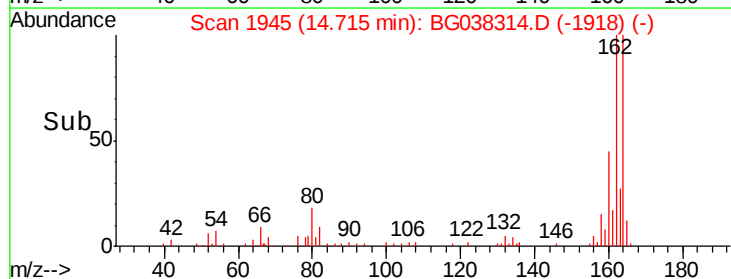
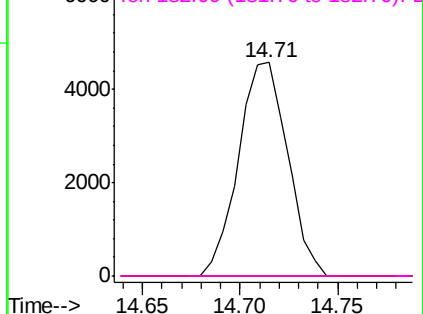
Abundance

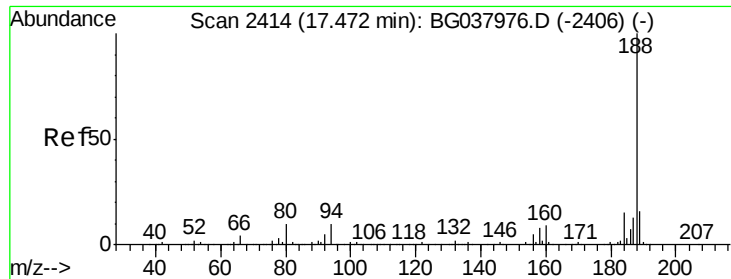
Ion 165.00 (164.70 to 165.70): E

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: BG038314.D

Acq: 4 Dec 2018 00:17

Instrument :

BNA_G

ClientSampleId :

S5-0-0.5-BGS

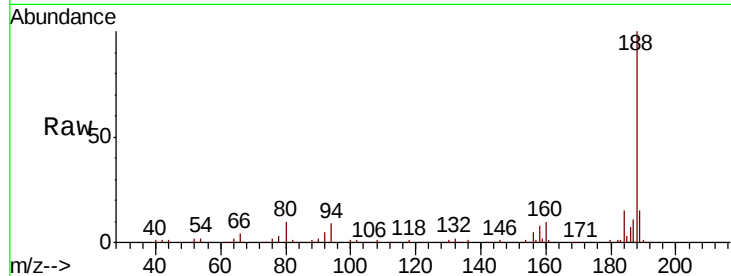
Tgt Ion:188 Resp: 178791

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

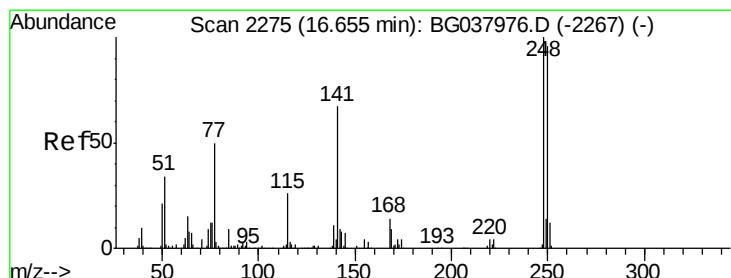
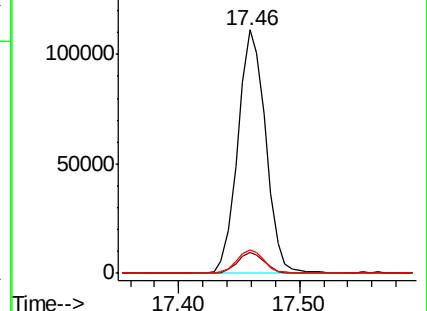
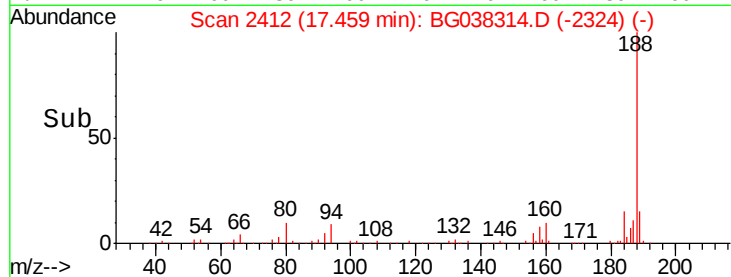
80 9.7 7.7 11.5



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: 3.387 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.45 min

Lab File: BG038314.D

Acq: 4 Dec 2018 00:17

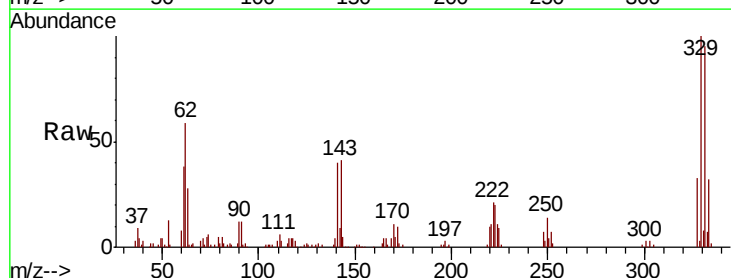
Tgt Ion:248 Resp: 6647

Ion Ratio Lower Upper

248 100

250 192.5 77.0 115.6#

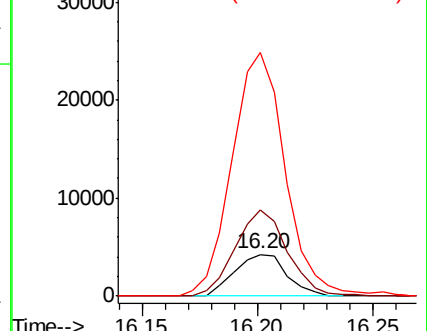
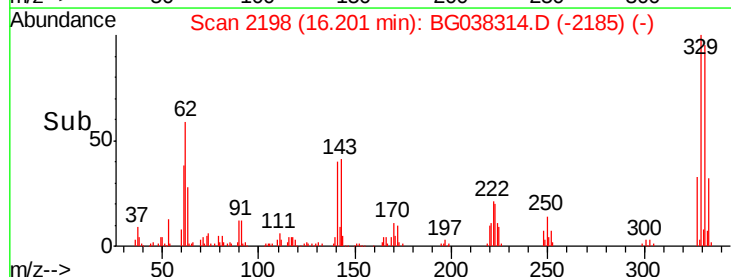
141 429.9 55.5 83.3#

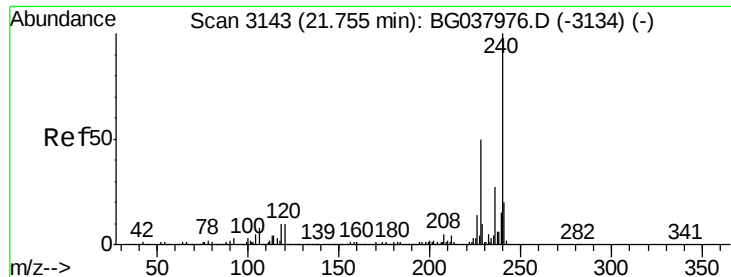


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

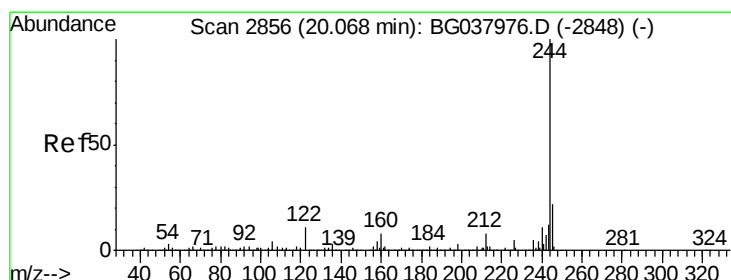
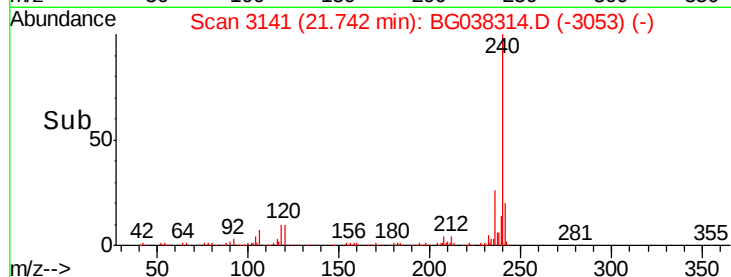
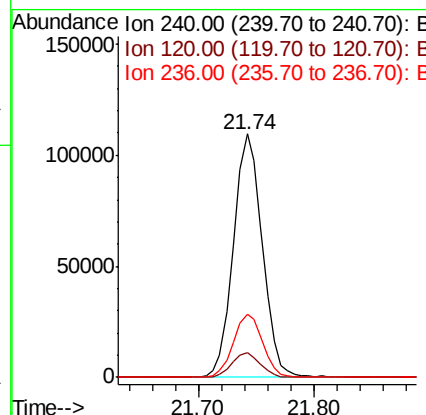
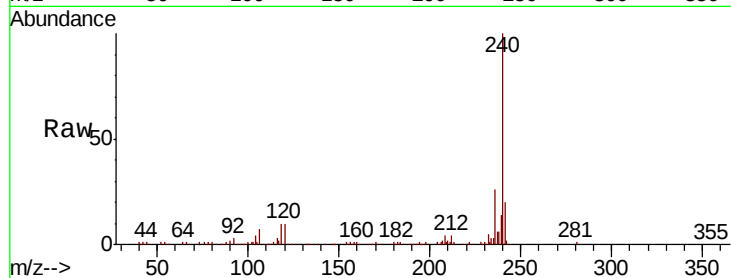




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG038314.D
Acq: 4 Dec 2018 00:17

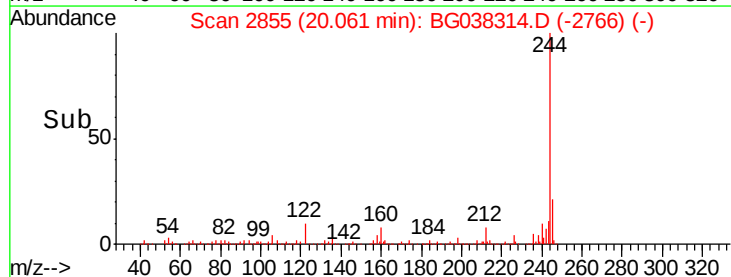
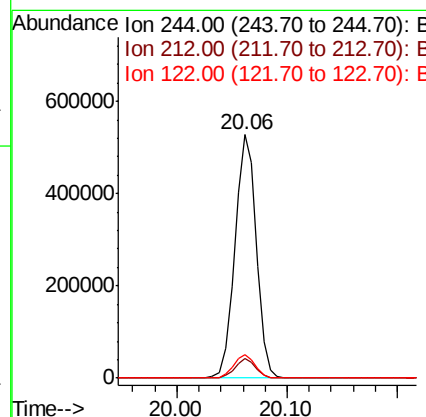
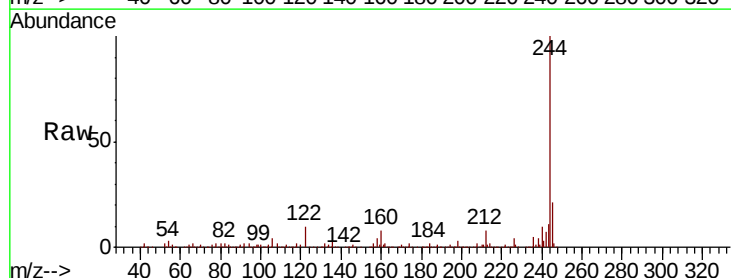
Instrument :
BNA_G
ClientSampleId :
S5-0-0.5-BGS

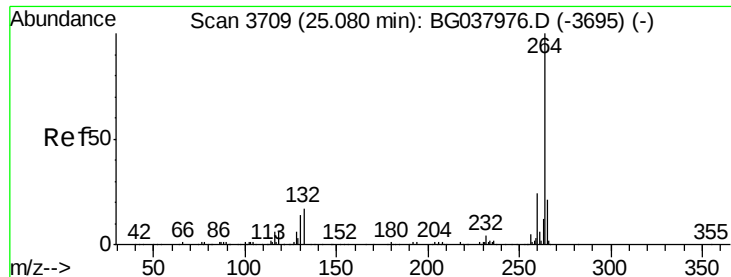
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.1	12.1
236	25.9	21.4	32.0



#79
Terphenyl-d14
Concen: 88.734 ng
RT: 20.06 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BG038314.D
Acq: 4 Dec 2018 00:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	9.7	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: BG038314.D
Acq: 4 Dec 2018 00:17

Instrument :
BNA_G
ClientSampleId :
S5-0-0.5-BGS

Tgt Ion:	264	Resp:	205156
Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.2	27.4
265	21.9	17.9	26.9

