

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112618\
 Data File : BG038146.D
 Acq On : 26 Nov 2018 22:02
 Operator : JU/SJ
 Sample : J6032-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MMTW-03

Quant Time: Nov 27 06:55:24 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

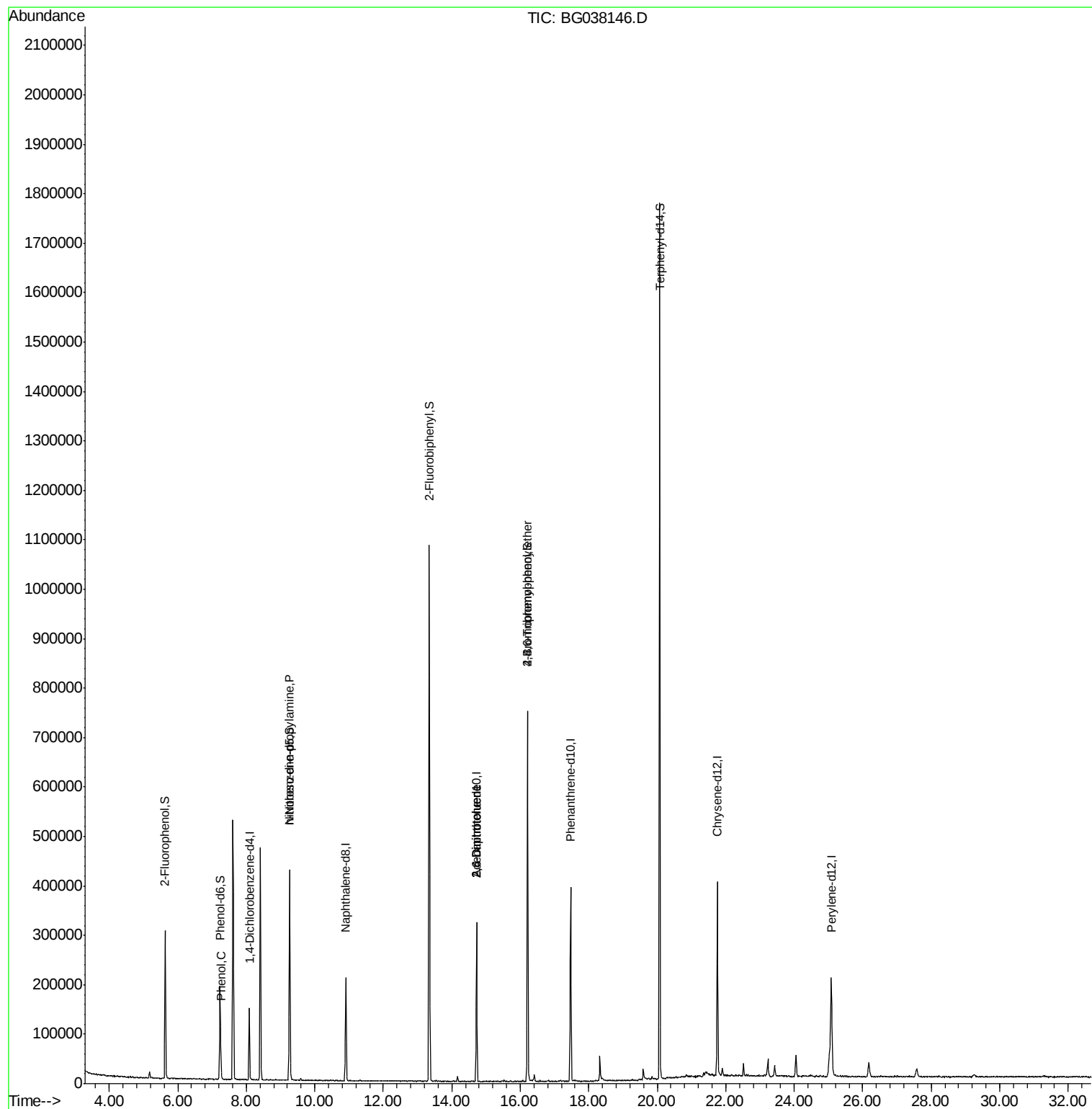
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	42101	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	184183	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	114547	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	255136	20.00	ng	0.00
76) Chrysene-d12	21.75	240	232522	20.00	ng	0.00
87) Perylene-d12	25.08	264	235540	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	134835	55.30	ng	0.00
7) Phenol-d6	7.23	99	120171	34.52	ng	0.00
23) Nitrobenzene-d5	9.26	82	272704	79.26	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	140233	107.34	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	605194	76.97	ng	0.00
79) Terphenyl-d14	20.07	244	873593	88.40	ng	0.00
Target Compounds						
10) Phenol	7.26	94	16061	4.356	ng	93
19) n-Nitroso-di-n-propylamine	9.26	70	34015	13.506	ng	# 72
51) 2,6-Dinitrotoluene	14.72	165	14223	6.920	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	14223	5.086	ng	# 25
67) 4-Bromophenyl-phenylether	16.21	248	10874	3.883	ng	# 1

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

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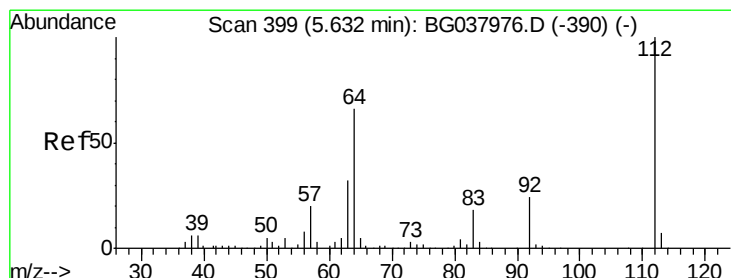
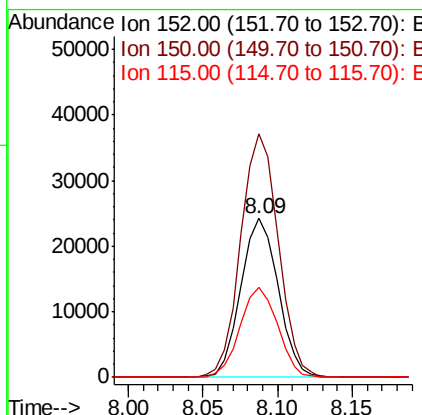
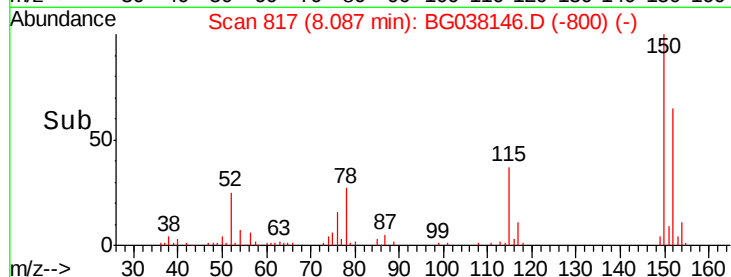
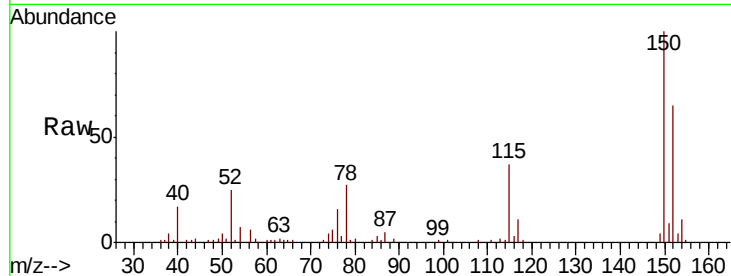


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038146.D
Acq: 26 Nov 2018 22:02

Instrument :
BNA_G
ClientSampleId :
MMTW-03

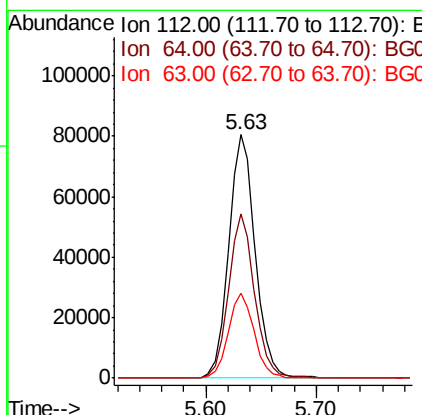
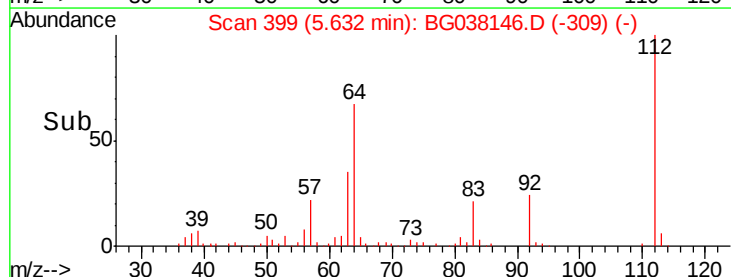
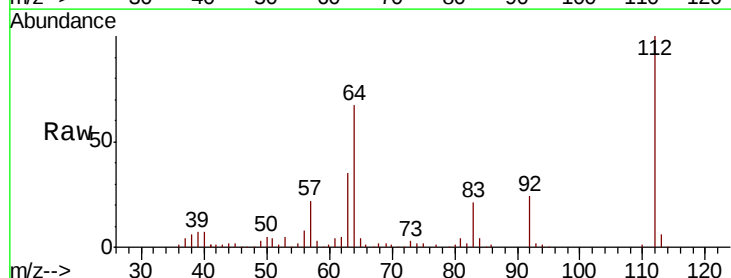
Tgt Ion:152 Resp: 42101
Ion Ratio Lower Upper
152 100
150 153.2 126.0 189.0
115 56.6 45.5 68.3



#5

2-Fluorophenol
Concen: 55.296 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG038146.D
Acq: 26 Nov 2018 22:02

Tgt Ion:112 Resp: 134835
Ion Ratio Lower Upper
112 100
64 67.3 53.1 79.7
63 35.1 27.3 40.9





#7

Phenol-d6

Concen: 34.525 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038146.D

Acq: 26 Nov 2018 22:02

Instrument :

BNA_G

ClientSampleId :

MMTW-03

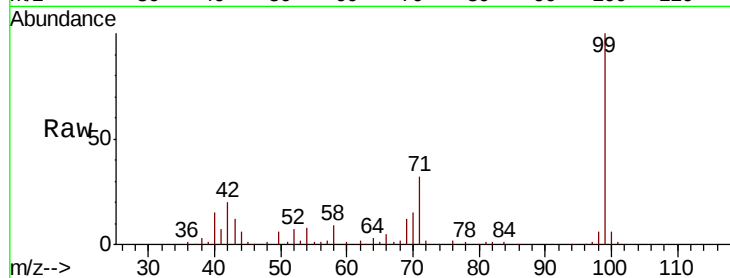
Tgt Ion: 99 Resp: 120171

Ion Ratio Lower Upper

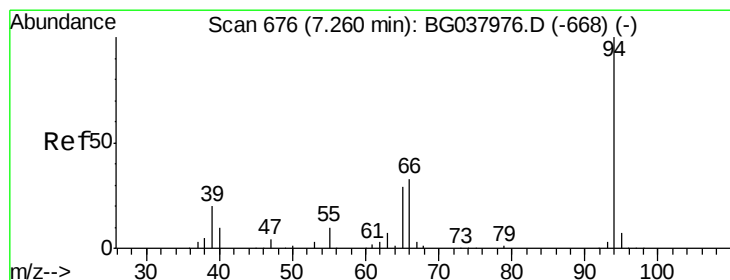
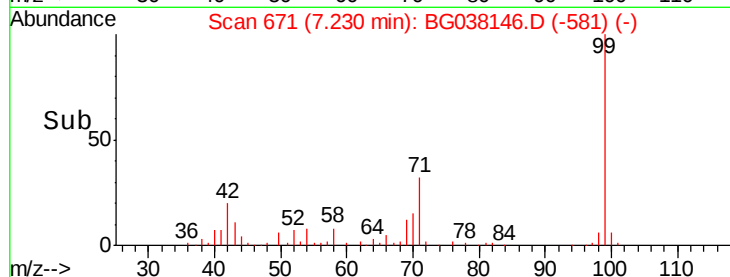
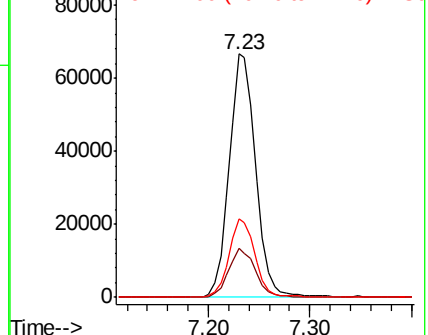
99 100

42 20.0 15.0 22.4

71 32.0 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: 4.356 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG038146.D

Acq: 26 Nov 2018 22:02

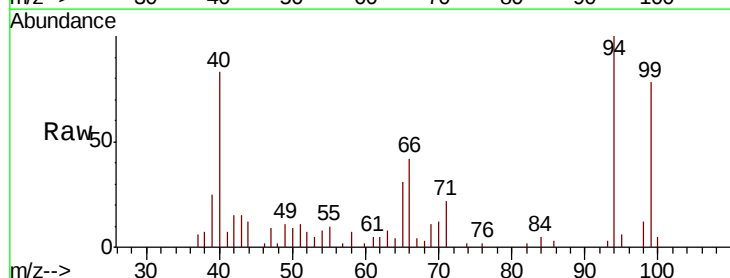
Tgt Ion: 94 Resp: 16061

Ion Ratio Lower Upper

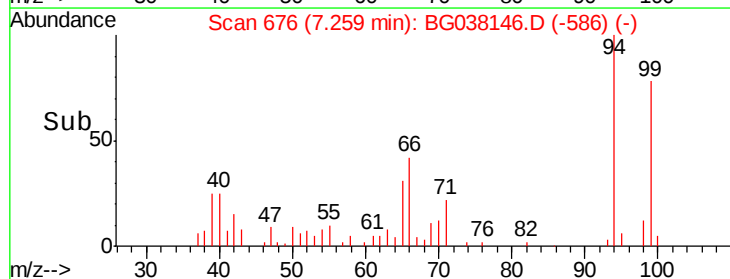
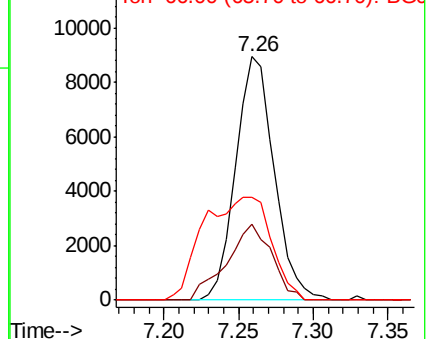
94 100

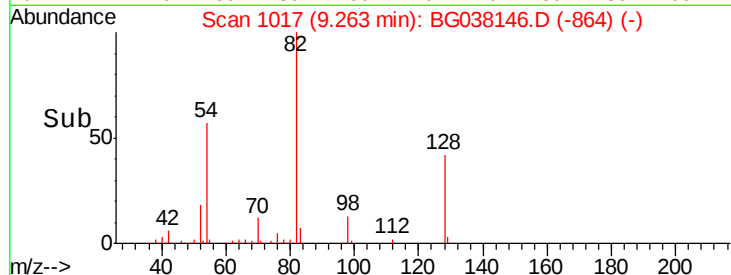
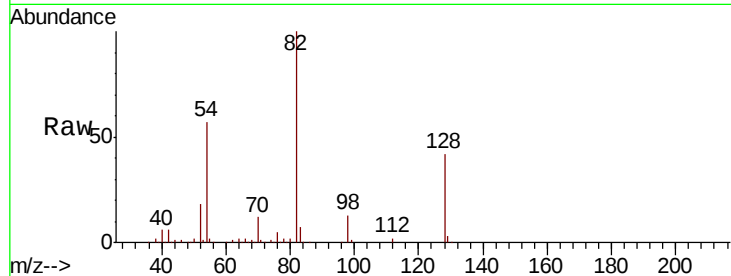
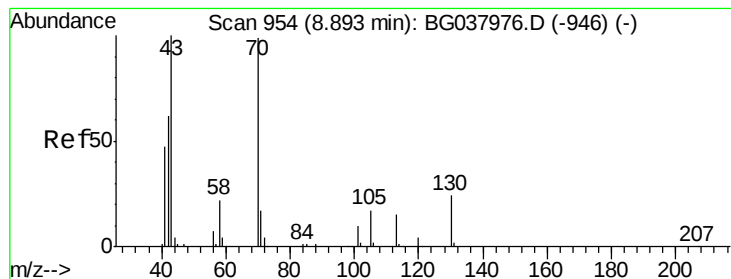
65 31.0 9.7 49.7

66 42.4 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: 13.506 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038146.D

Acq: 26 Nov 2018 22:02

Instrument :

BNA_G

ClientSampleId :

MMTW-03

Tgt Ion: 70 Resp: 34015

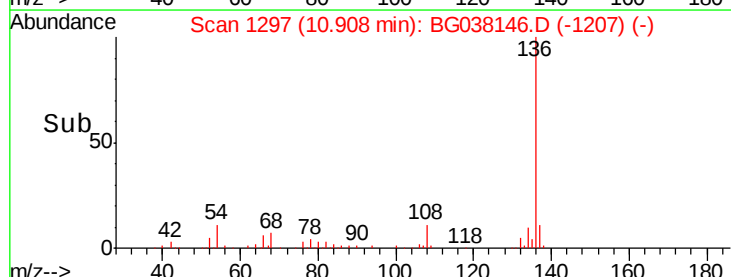
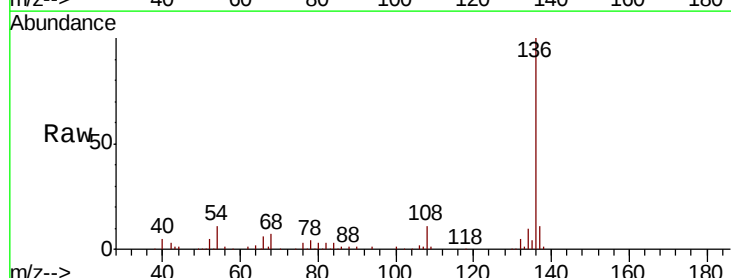
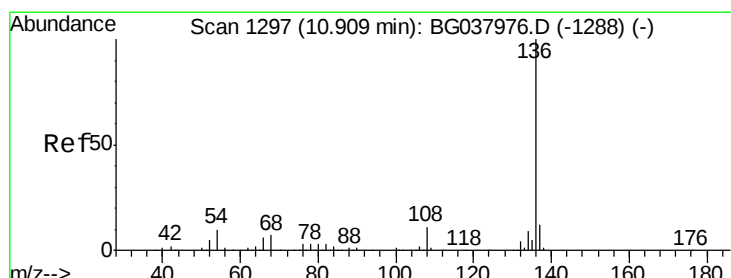
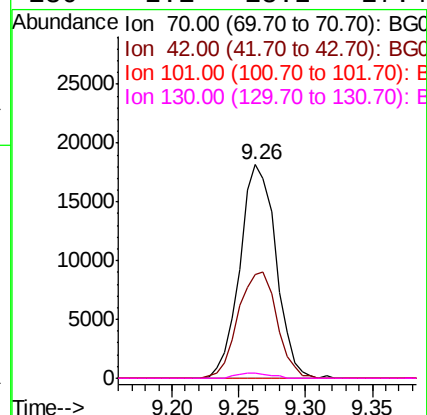
Ion Ratio Lower Upper

70 100

42 48.6 53.9 80.9#

101 0.0 8.2 12.2#

130 2.1 18.2 27.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BG038146.D

Acq: 26 Nov 2018 22:02

Tgt Ion: 136 Resp: 184183

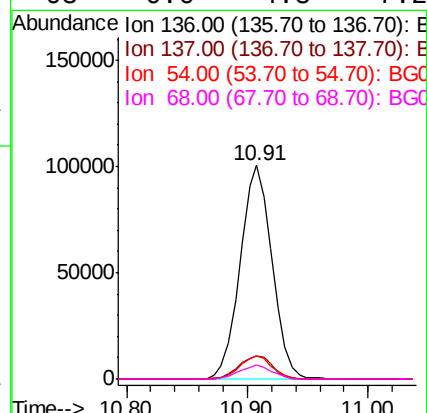
Ion Ratio Lower Upper

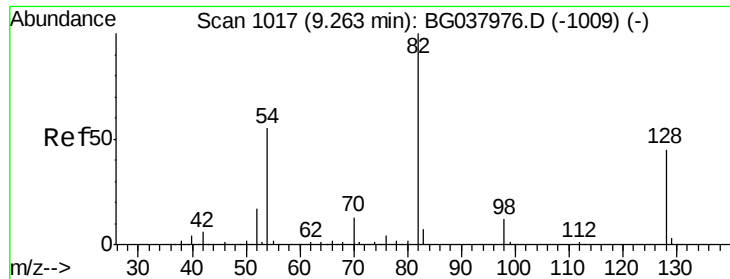
136 100

137 10.5 9.6 14.4

54 11.0 7.9 11.9

68 6.6 4.8 7.2

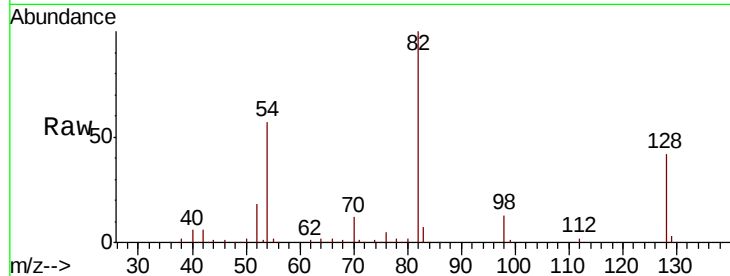




#23
Nitrobenzene-d5
Concen: 79.258 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038146.D
Acq: 26 Nov 2018 22:02

Instrument :
BNA_G
ClientSampleId :
MMTW-03

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.6	51.8
54	56.6	45.3	67.9

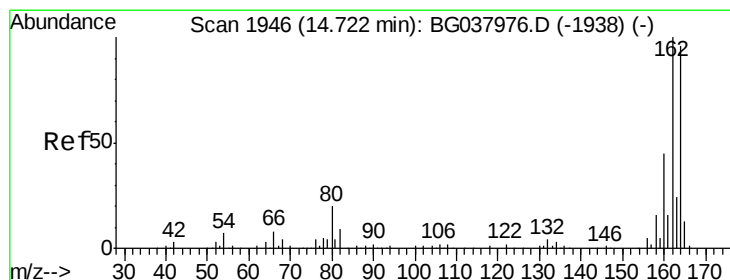
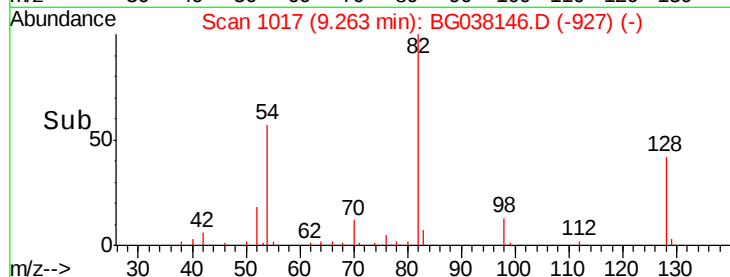
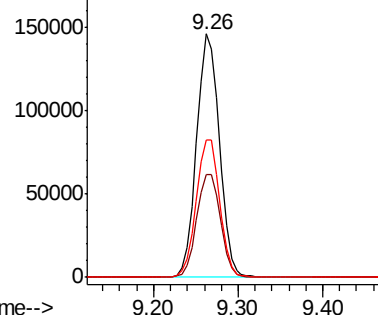


Abundance

Ion 82.00 (81.70 to 82.70): BGC

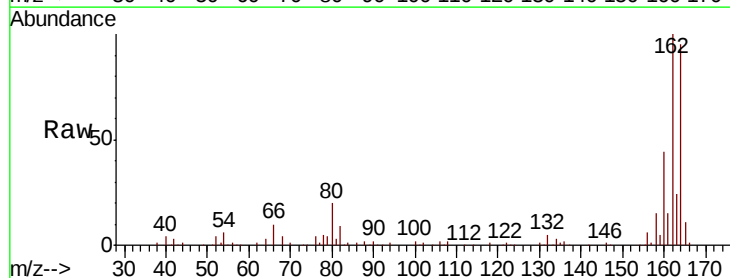
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG038146.D
Acq: 26 Nov 2018 22:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	81.3	121.9
160	46.0	36.3	54.5

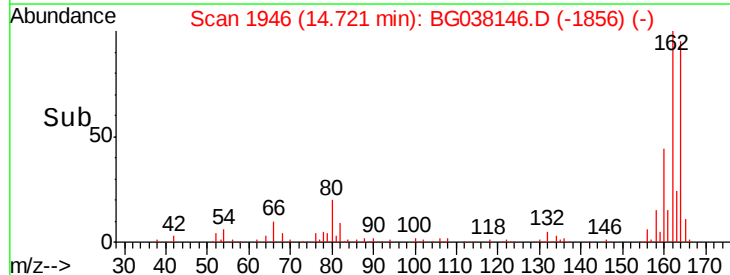
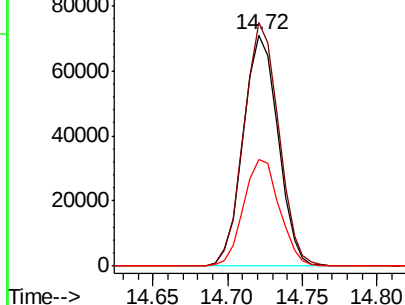


Abundance

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: 107.345 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG038146.D

Acq: 26 Nov 2018 22:02

Instrument :

BNA_G

ClientSampleId :

MMTW-03

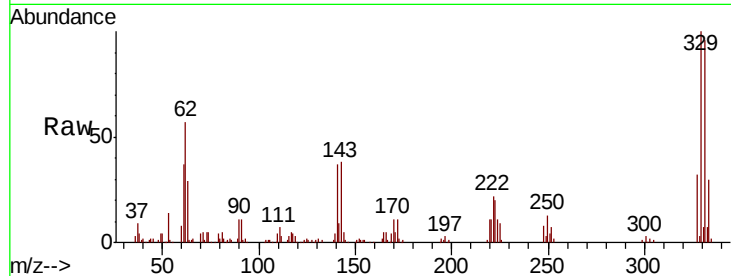
Tgt Ion:330 Resp: 140233

Ion Ratio Lower Upper

330 100

332 96.7 78.4 117.6

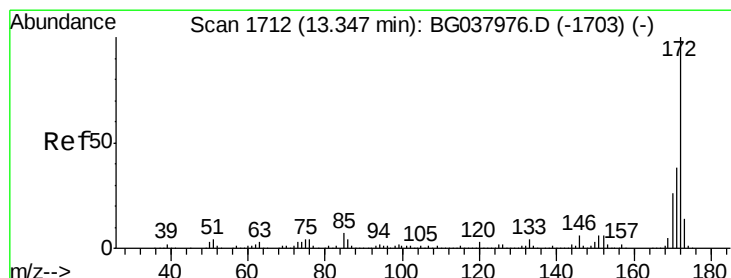
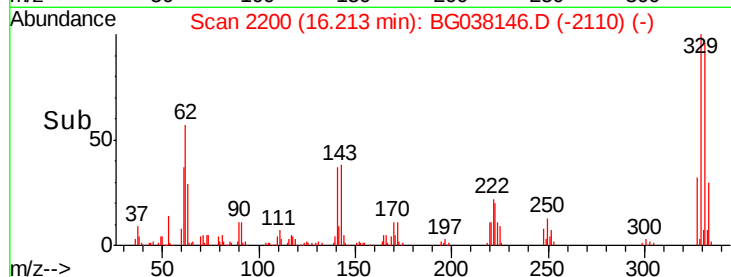
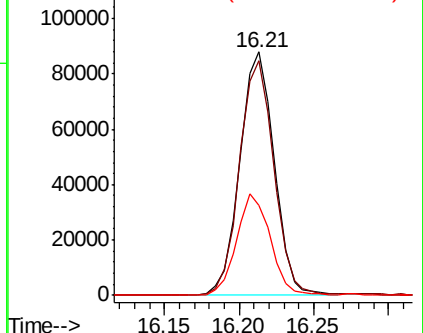
141 41.6 32.2 48.2



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: 76.971 ng

RT: 13.35 min Scan# 1712

Delta R.T. -0.00 min

Lab File: BG038146.D

Acq: 26 Nov 2018 22:02

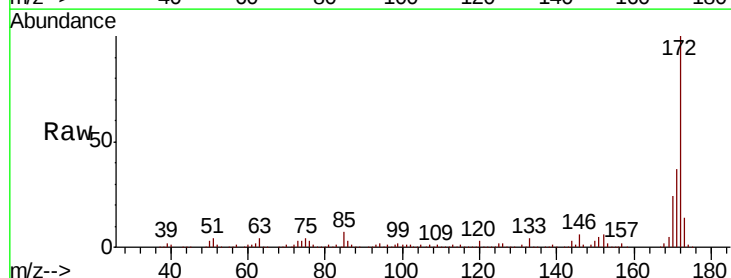
Tgt Ion:172 Resp: 605194

Ion Ratio Lower Upper

172 100

171 36.7 31.0 46.4

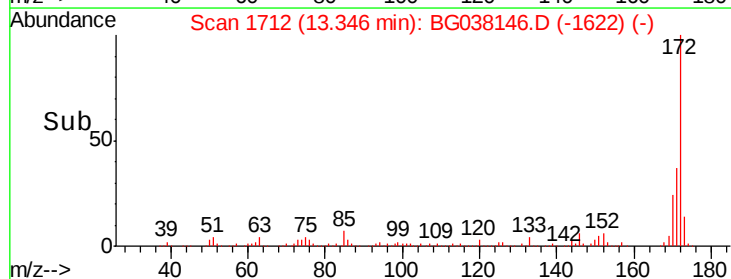
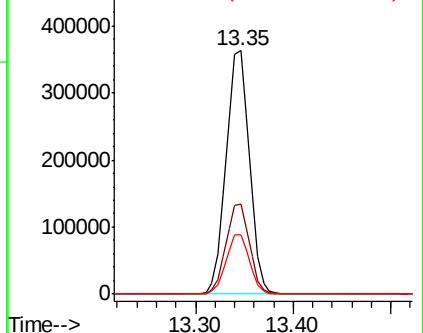
170 24.4 20.2 30.2

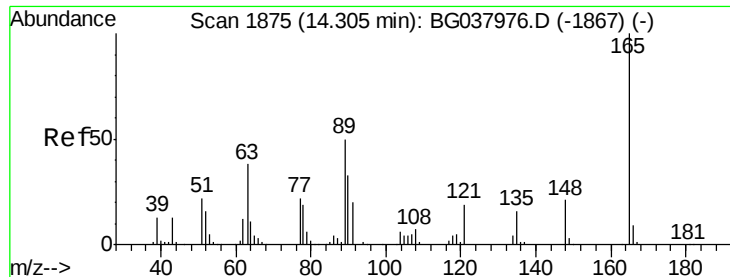


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

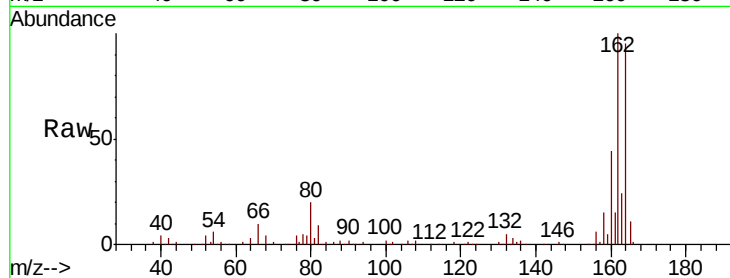




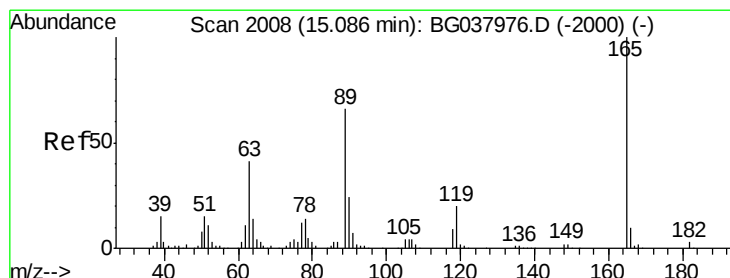
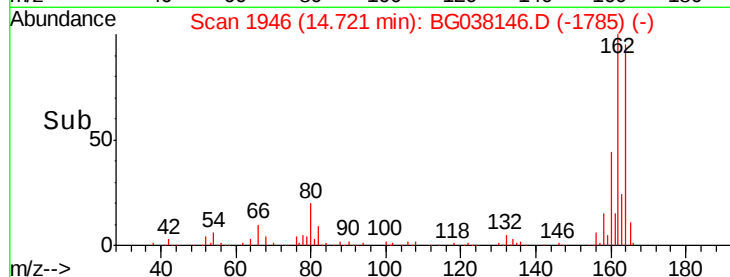
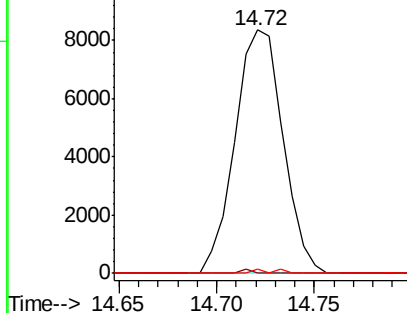
#51
 2,6-Dinitrotoluene
 Concen: 6.920 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.42 min
 Lab File: BG038146.D
 Acq: 26 Nov 2018 22:02

Instrument :
 BNA_G
 ClientSampled :
 MMTW-03

Tgt Ion:165 Resp: 14223
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.4 65.2#
 89 1.8 45.8 68.6#

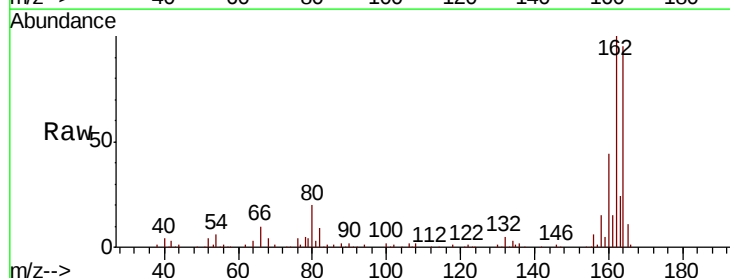


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

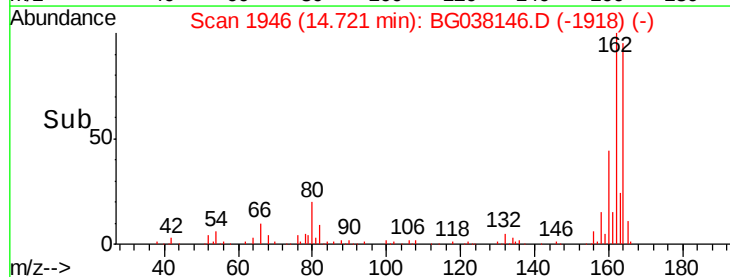
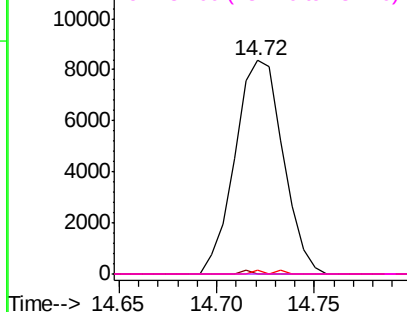


#57
 2,4-Dinitrotoluene
 Concen: 5.086 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.37 min
 Lab File: BG038146.D
 Acq: 26 Nov 2018 22:02

Tgt Ion:165 Resp: 14223
 Ion Ratio Lower Upper
 165 100
 63 0.0 33.4 50.0#
 89 1.8 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

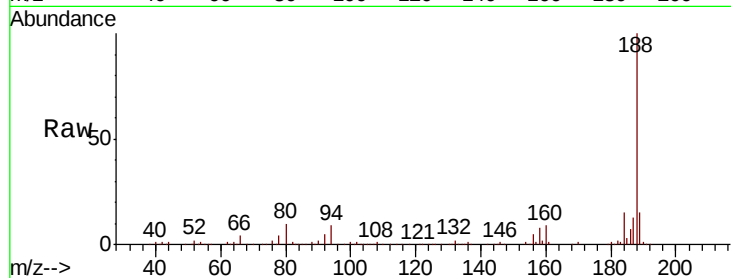




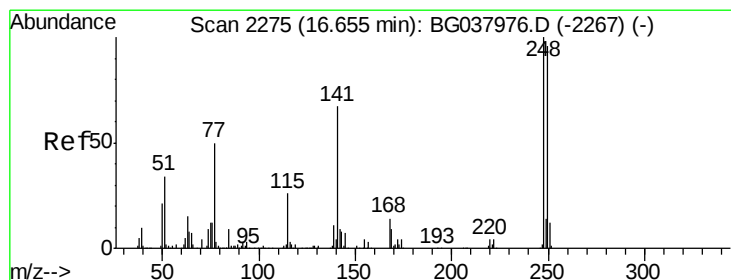
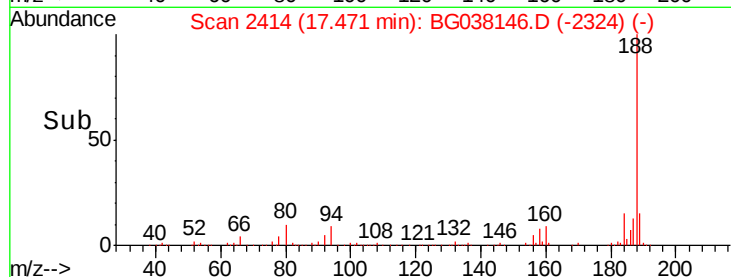
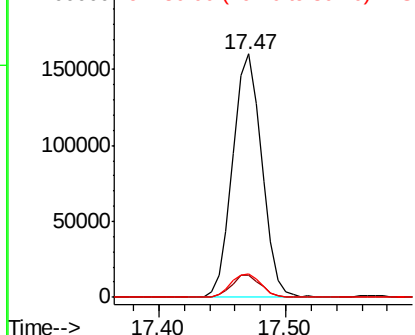
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG038146.D
Acq: 26 Nov 2018 22:02

Instrument :
BNA_G
ClientSampleId :
MMTW-03

Tgt Ion:188 Resp: 255136
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 9.6 7.7 11.5

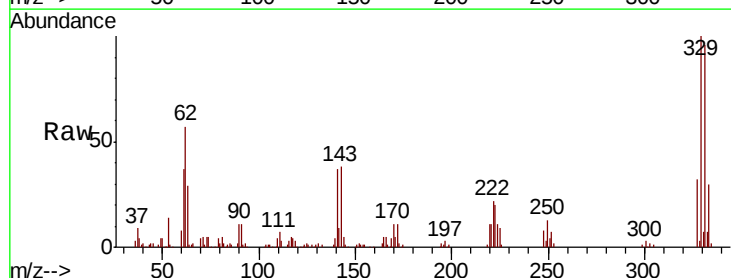


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

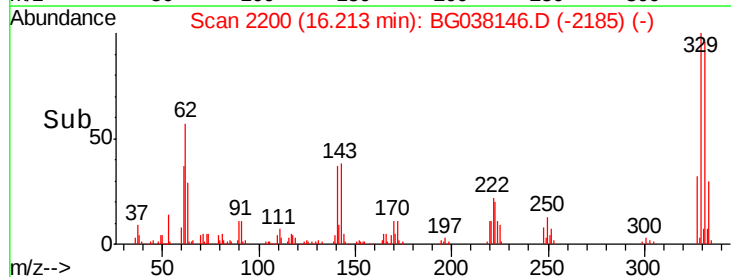
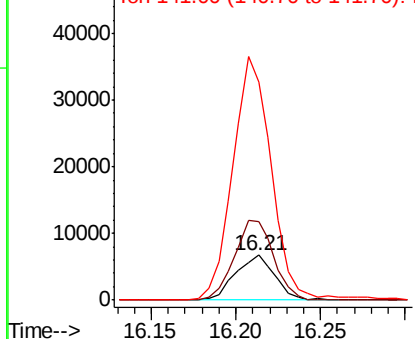


#67
4-Bromophenyl-phenylether
Concen: 3.883 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.44 min
Lab File: BG038146.D
Acq: 26 Nov 2018 22:02

Tgt Ion:248 Resp: 10874
Ion Ratio Lower Upper
248 100
250 171.1 77.0 115.6#
141 363.4 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

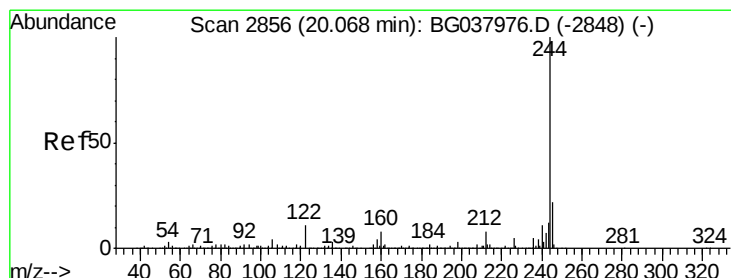
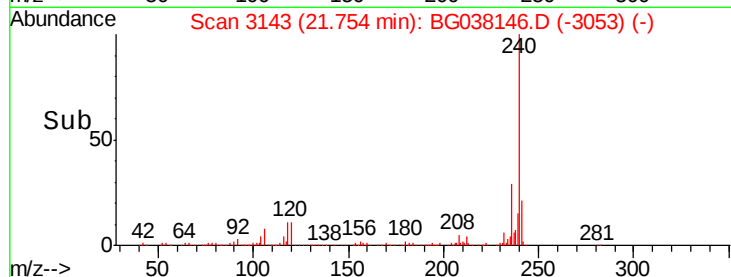
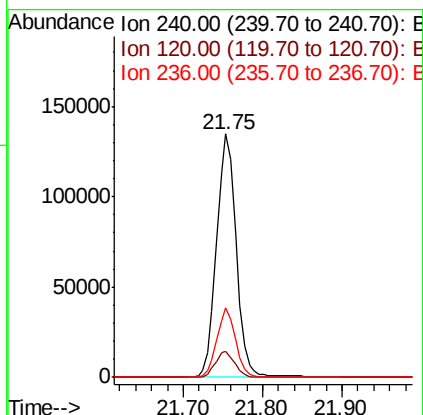
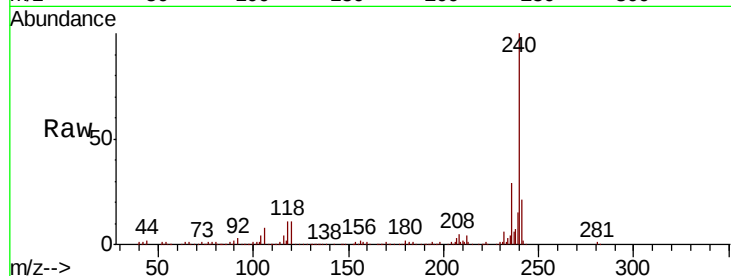




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG038146.D
Acq: 26 Nov 2018 22:02

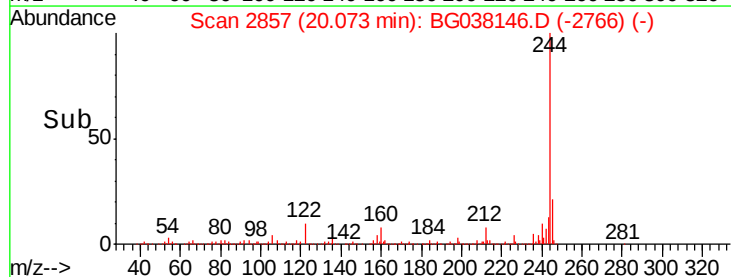
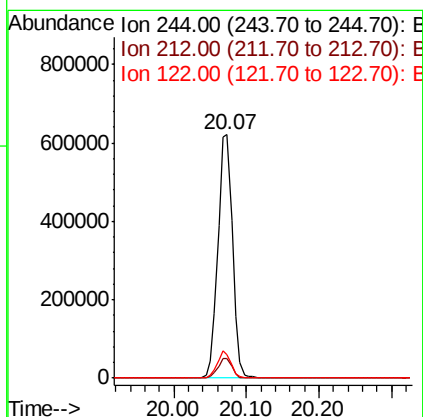
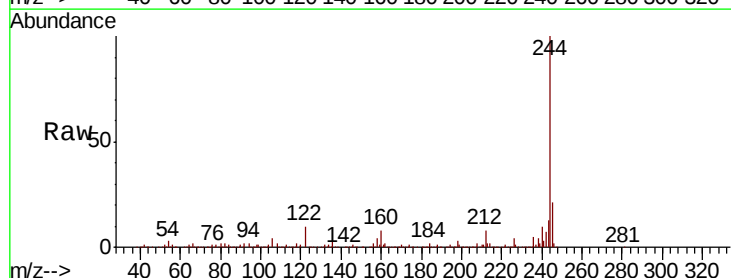
Instrument :
BNA_G
ClientSampleId :
MMTW-03

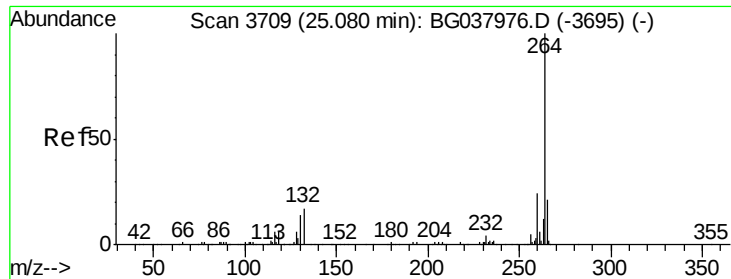
Tgt Ion:240 Resp: 232522
Ion Ratio Lower Upper
240 100
120 10.7 8.1 12.1
236 28.7 21.4 32.0



#79
Terphenyl-d14
Concen: 88.403 ng
RT: 20.07 min Scan# 2857
Delta R.T. 0.01 min
Lab File: BG038146.D
Acq: 26 Nov 2018 22:02

Tgt Ion:244 Resp: 873593
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: 25.08 min Scan# 3709
Delta R.T. -0.00 min
Lab File: BG038146.D
Acq: 26 Nov 2018 22:02

Instrument :
BNA_G
ClientSampleId :
MMTW-03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	21.0	17.9	26.9

