

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112618\
 Data File : BG038144.D
 Acq On : 26 Nov 2018 20:43
 Operator : JU/SJ
 Sample : J6032-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MMTW-01

Quant Time: Nov 27 06:55:06 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

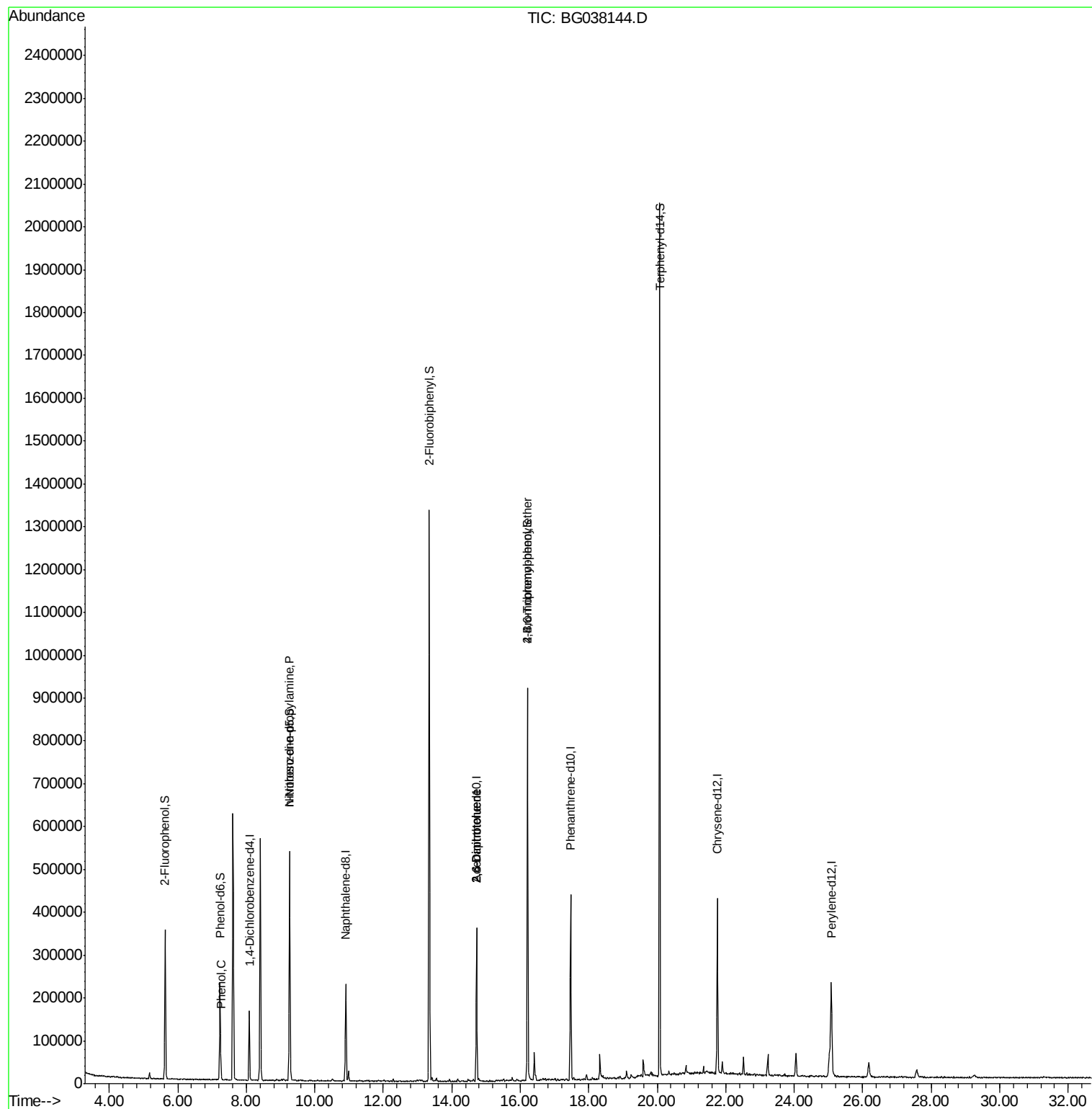
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	44570	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	200219	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	125360	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	269126	20.00	ng	0.00
76) Chrysene-d12	21.75	240	245182	20.00	ng	0.00
87) Perylene-d12	25.08	264	250584	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	158444	61.38	ng	0.00
7) Phenol-d6	7.23	99	140084	38.02	ng	0.00
23) Nitrobenzene-d5	9.26	82	330920	88.47	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	168380	117.77	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	709741	82.48	ng	0.00
79) Terphenyl-d14	20.07	244	978625	93.92	ng	0.00
Target Compounds						
10) Phenol	7.26	94	8107	2.077	ng	82
19) n-Nitroso-di-n-propylamine	9.26	70	41927	15.725	ng	# 73
51) 2,6-Dinitrotoluene	14.72	165	15992	7.110	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	15992	5.226	ng	# 25
67) 4-Bromophenyl-phenylether	16.21	248	12423	4.206	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112618\
Data File : BG038144.D
Acq On : 26 Nov 2018 20:43
Operator : JU/SJ
Sample : J6032-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MMTW-01

Quant Time: Nov 27 06:55:06 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



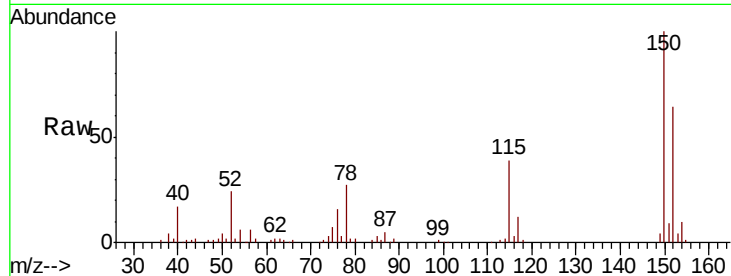


#1

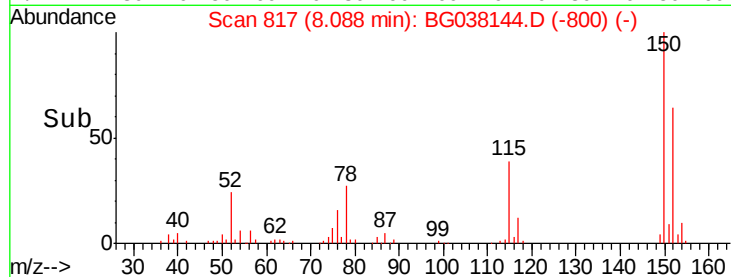
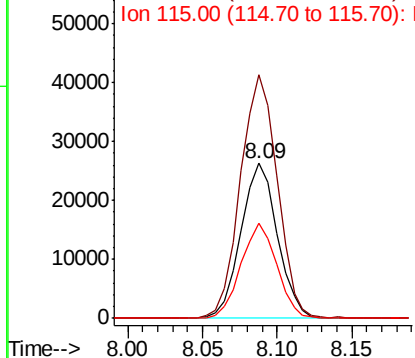
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038144.D
Acq: 26 Nov 2018 20:43

Instrument :
BNA_G
ClientSampleId :
MMTW-01

Tgt Ion:152 Resp: 44570
Ion Ratio Lower Upper
152 100
150 157.3 126.0 189.0
115 61.7 45.5 68.3



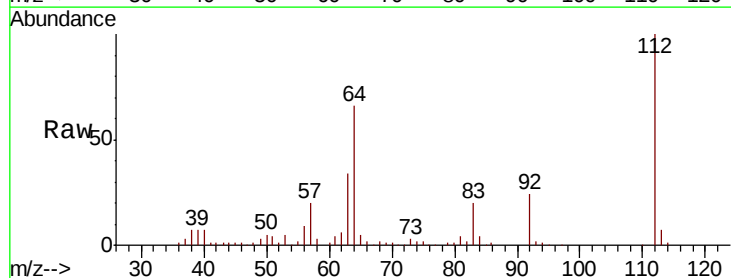
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



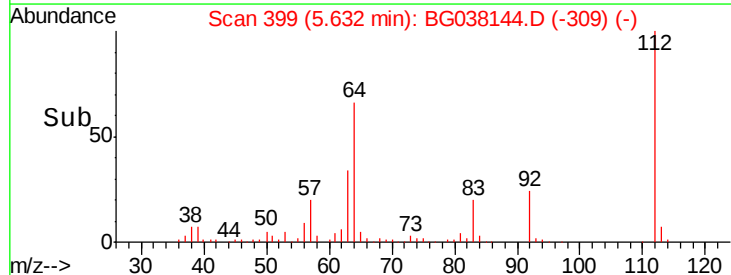
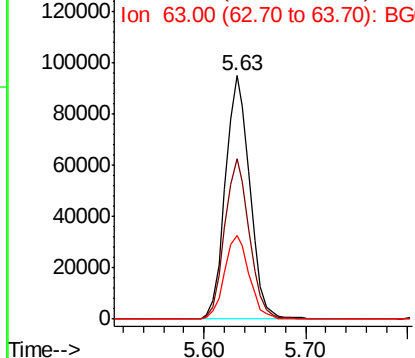
#5

2-Fluorophenol
Concen: 61.378 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG038144.D
Acq: 26 Nov 2018 20:43

Tgt Ion:112 Resp: 158444
Ion Ratio Lower Upper
112 100
64 65.8 53.1 79.7
63 34.1 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: 38.016 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038144.D

Acq: 26 Nov 2018 20:43

Instrument :

BNA_G

ClientSampled :

MMTW-01

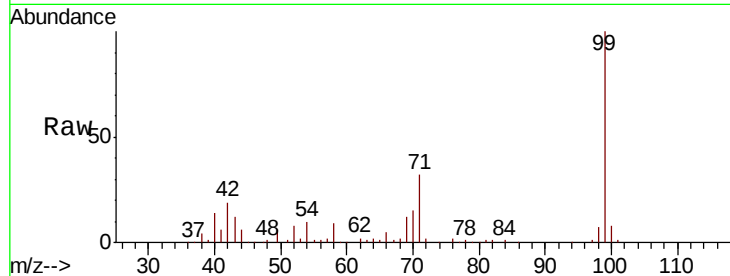
Tgt Ion: 99 Resp: 140084

Ion Ratio Lower Upper

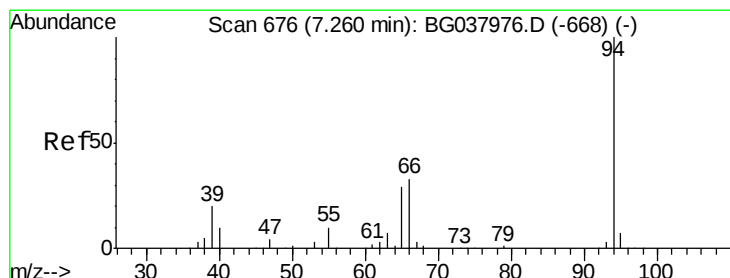
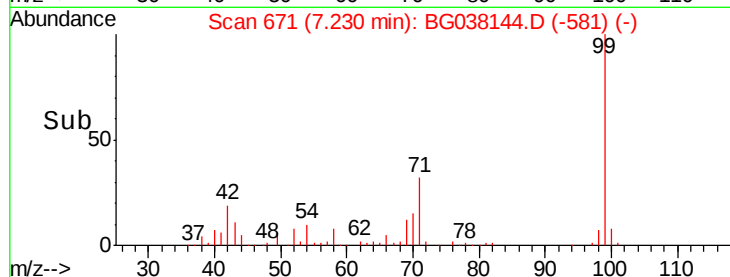
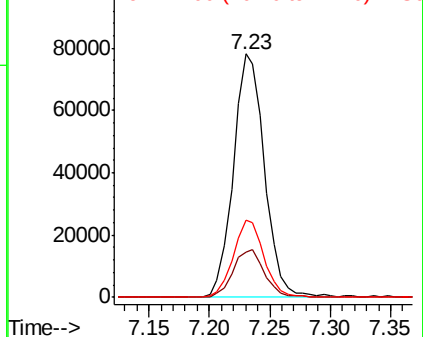
99 100

42 18.7 15.0 22.4

71 31.6 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: 2.077 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG038144.D

Acq: 26 Nov 2018 20:43

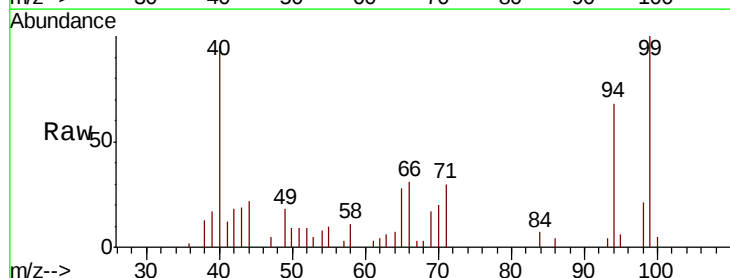
Tgt Ion: 94 Resp: 8107

Ion Ratio Lower Upper

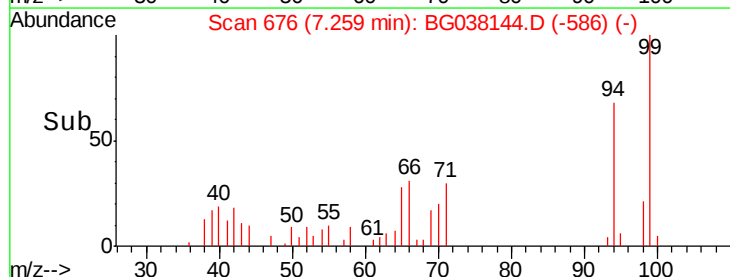
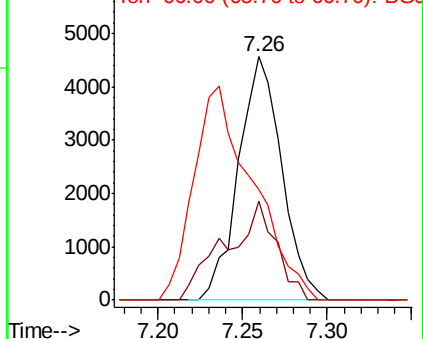
94 100

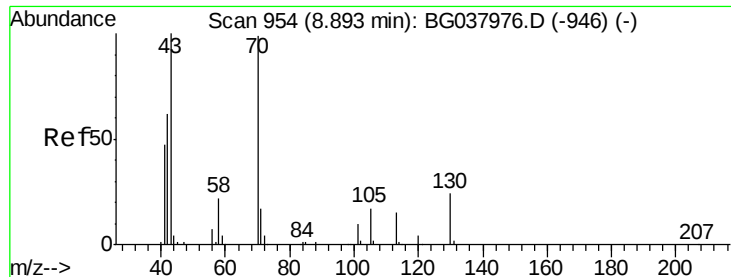
65 40.6 9.7 49.7

66 45.6 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: 15.725 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038144.D

Acq: 26 Nov 2018 20:43

Instrument :

BNA_G

ClientSampleId :

MMTW-01

Tgt Ion: 70 Resp: 41927

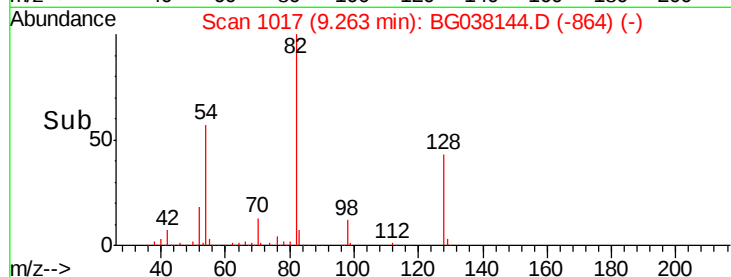
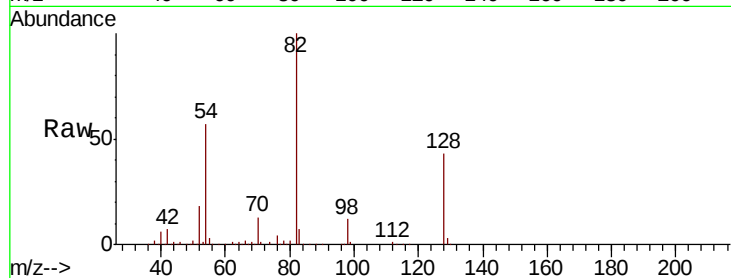
Ion Ratio Lower Upper

70 100

42 50.3 53.9 80.9#

101 0.0 8.2 12.2#

130 1.8 18.2 27.4#

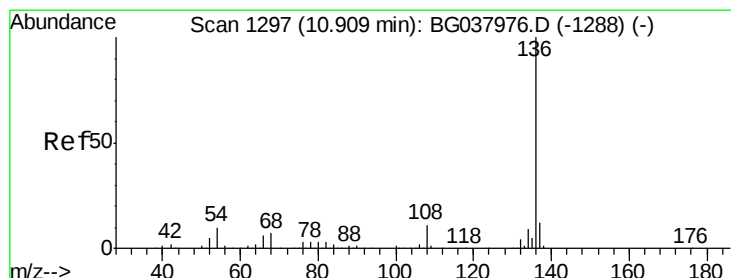
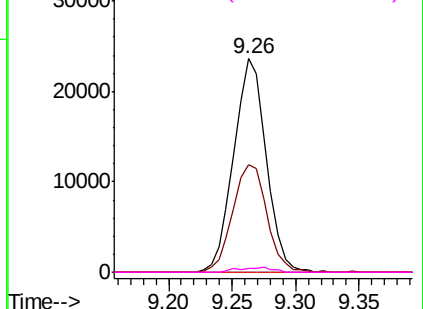


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BG038144.D

Acq: 26 Nov 2018 20:43

Tgt Ion: 136 Resp: 200219

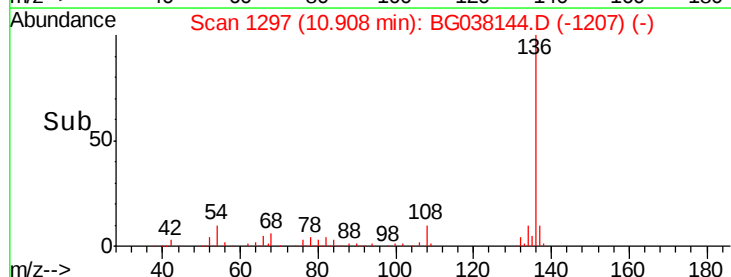
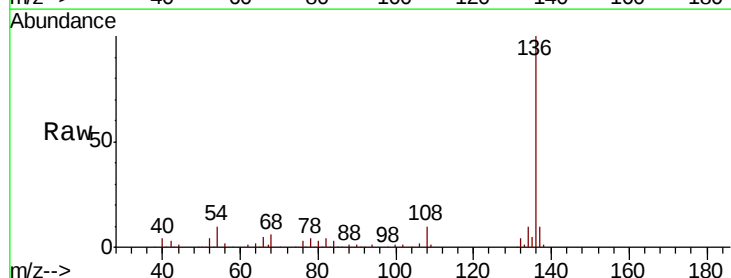
Ion Ratio Lower Upper

136 100

137 10.3 9.6 14.4

54 10.4 7.9 11.9

68 6.5 4.8 7.2

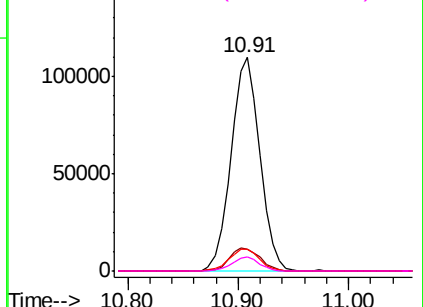


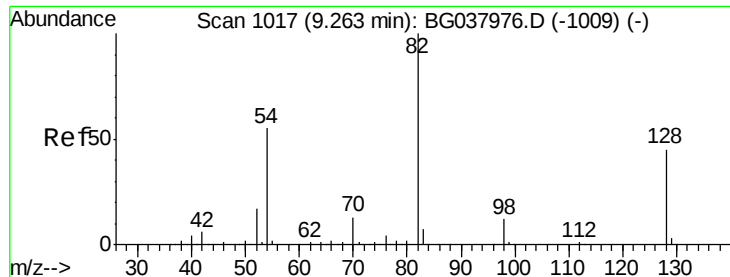
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

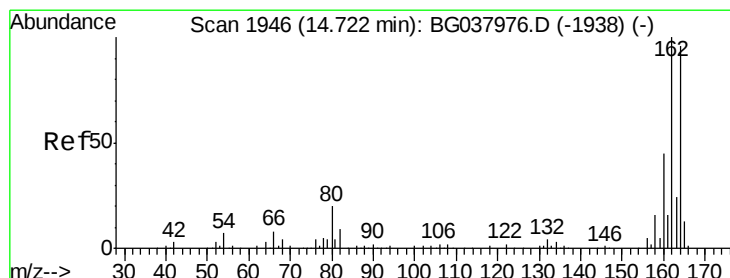
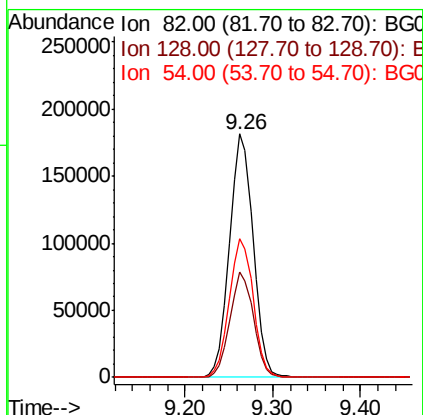
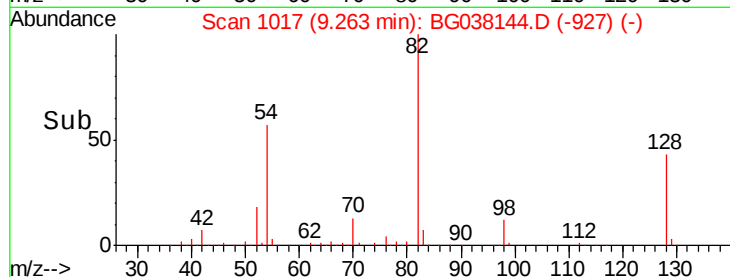
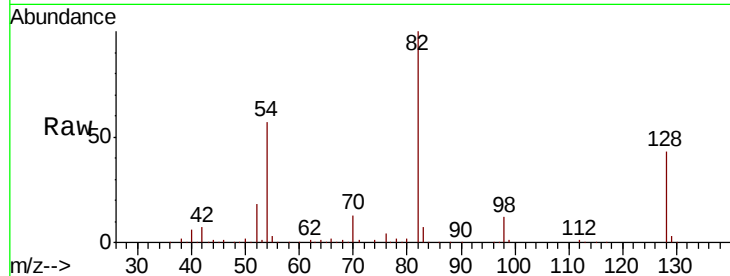




#23
 Nitrobenzene-d5
 Concen: 88.474 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BG038144.D
 Acq: 26 Nov 2018 20:43

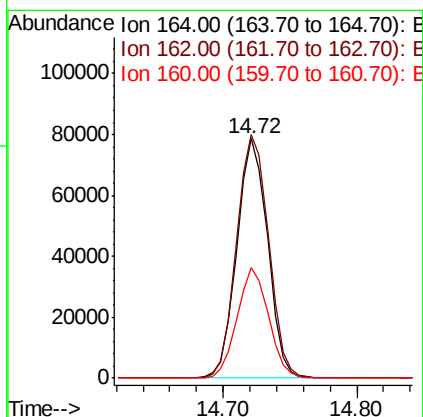
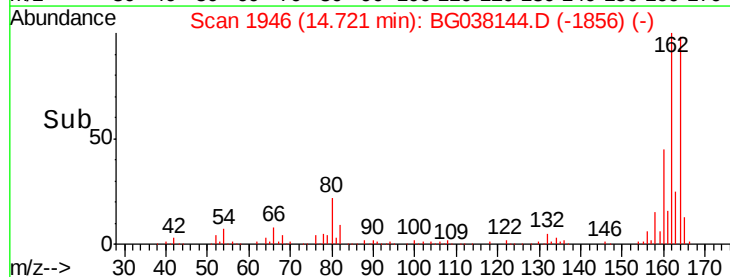
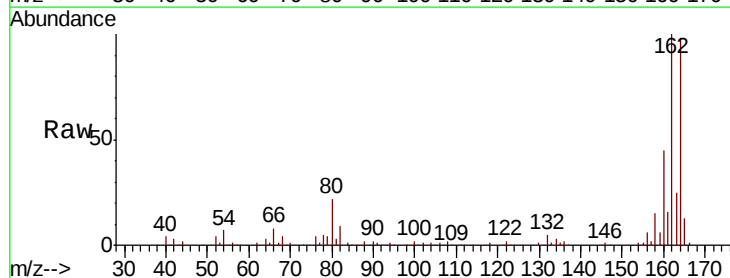
Instrument :
 BNA_G
 ClientSampleId :
 MMTW-01

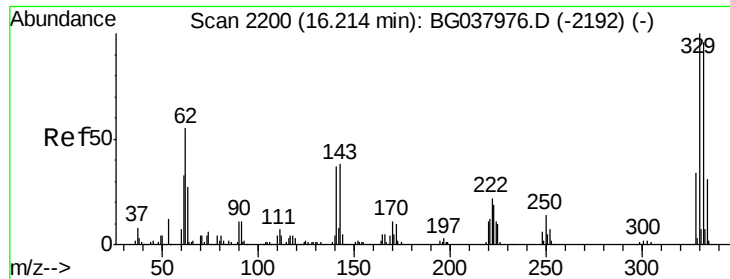
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.6	51.8
54	56.9	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: BG038144.D
 Acq: 26 Nov 2018 20:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.3	121.9
160	45.9	36.3	54.5

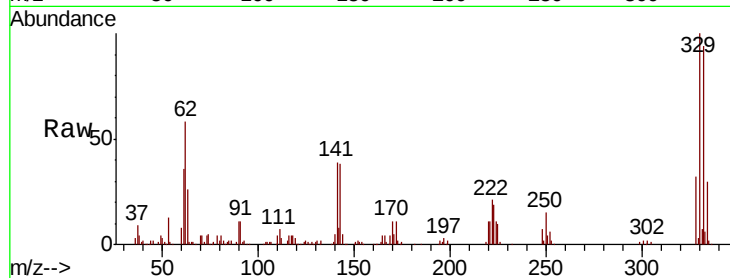




#42
 2,4,6-Tribromophenol
 Concen: 117.773 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG038144.D
 Acq: 26 Nov 2018 20:43

Instrument :
 BNA_G
 ClientSampled :
 MMTW-01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.4	117.6
141	41.4	32.2	48.2

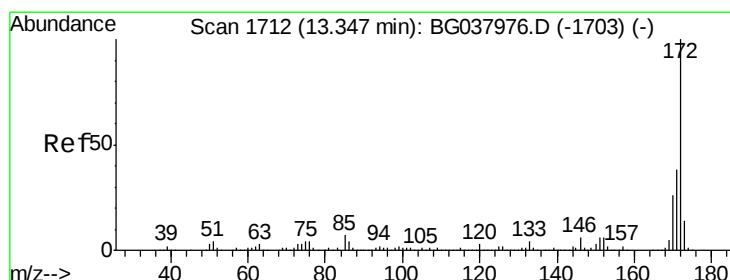
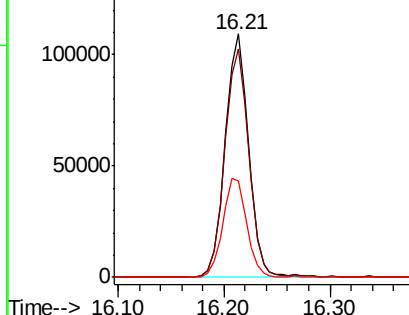
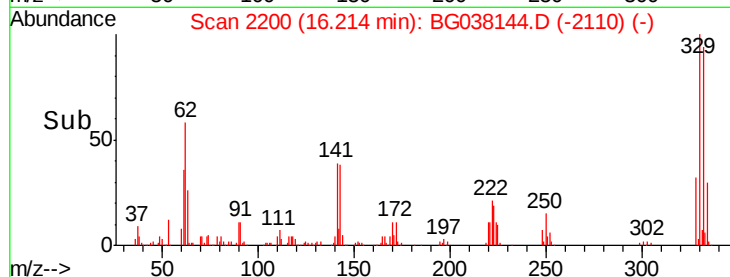


Abundance

Ion 329.80 (329.50 to 330.50): E

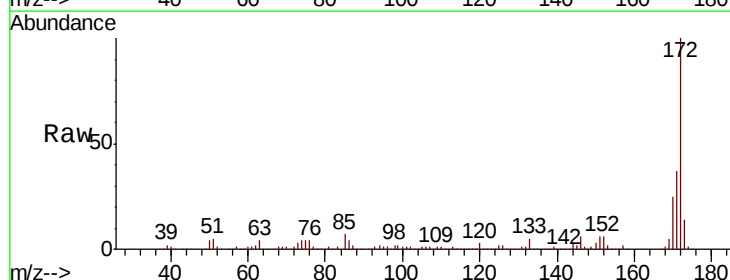
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 82.481 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038144.D
 Acq: 26 Nov 2018 20:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	31.0	46.4
170	24.9	20.2	30.2

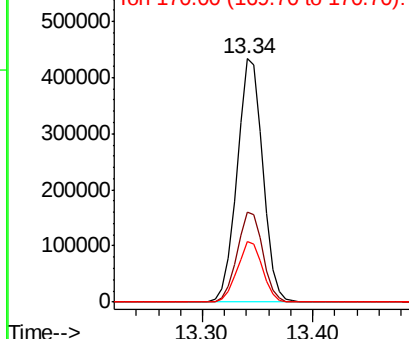
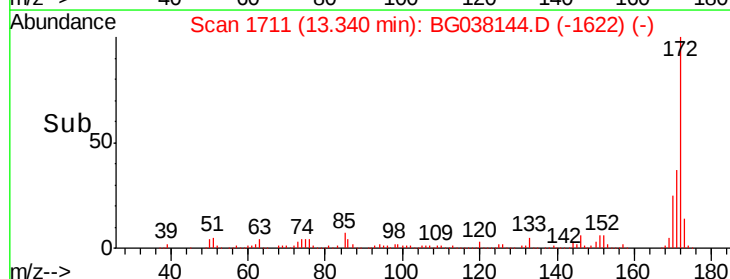


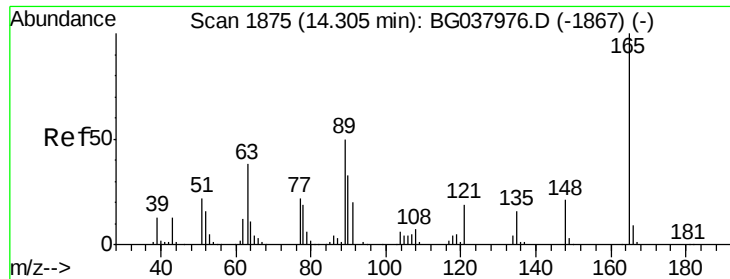
Abundance

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

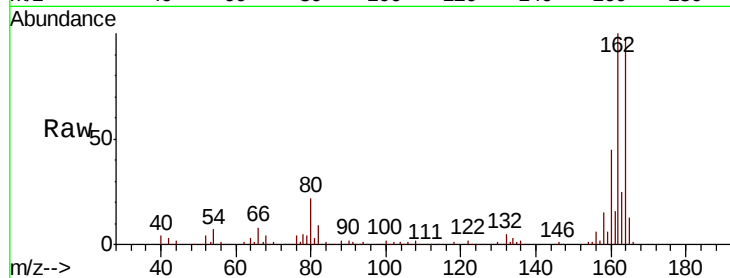




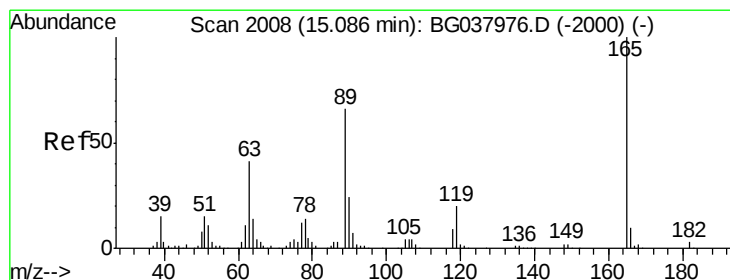
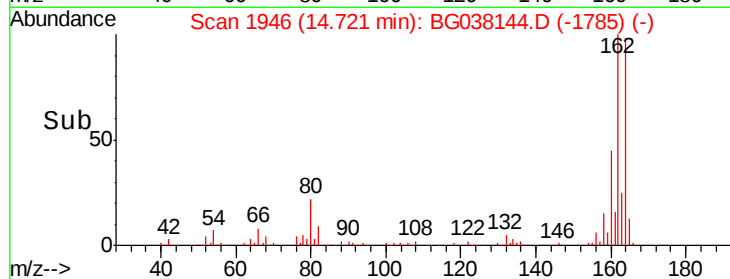
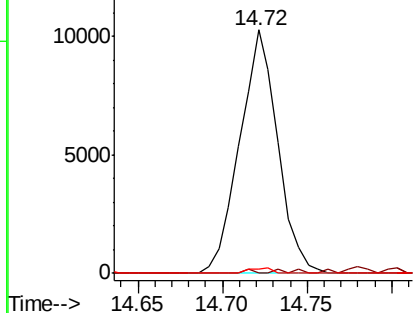
#51
 2,6-Dinitrotoluene
 Concen: 7.110 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.42 min
 Lab File: BG038144.D
 Acq: 26 Nov 2018 20:43

Instrument :
 BNA_G
 ClientSampleId :
 MMTW-01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	2.0	45.8	68.6#



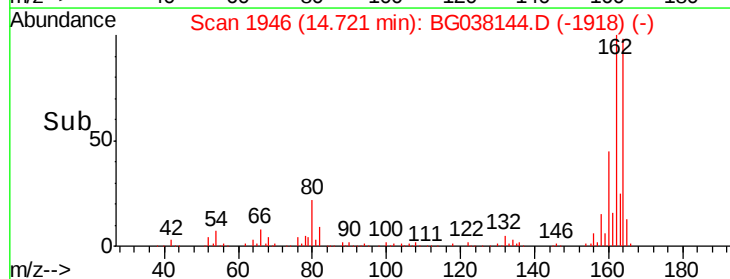
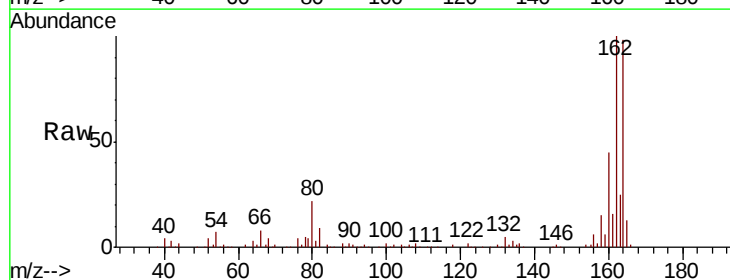
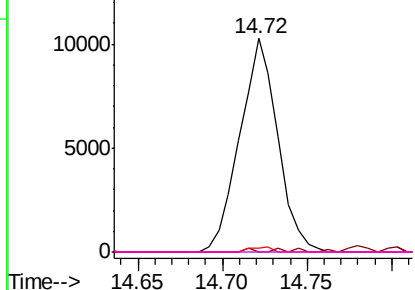
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC



#57
 2,4-Dinitrotoluene
 Concen: 5.226 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.36 min
 Lab File: BG038144.D
 Acq: 26 Nov 2018 20:43

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	2.0	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

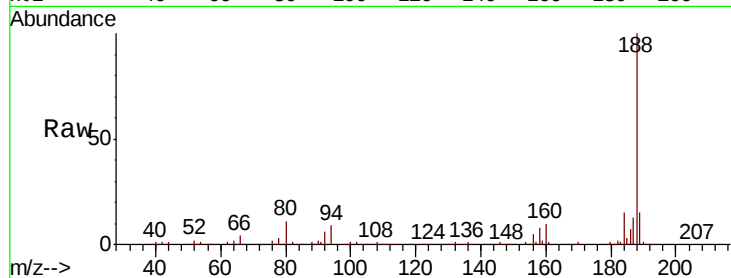




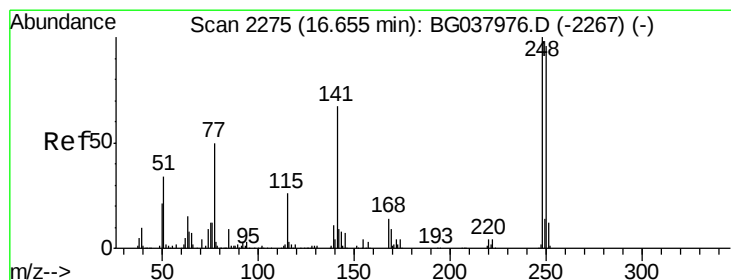
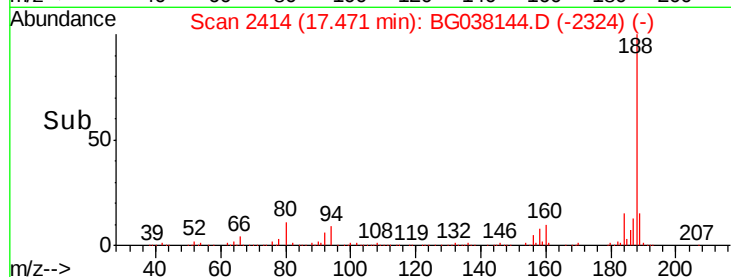
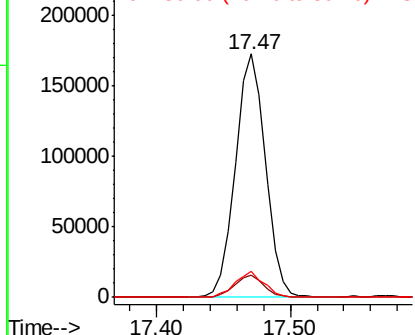
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.00 min
 Lab File: BG038144.D
 Acq: 26 Nov 2018 20:43

Instrument :
 BNA_G
 ClientSampleId :
 MMTW-01

Tgt Ion:188 Resp: 269126
 Ion Ratio Lower Upper
 188 100
 94 9.0 7.2 10.8
 80 10.6 7.7 11.5

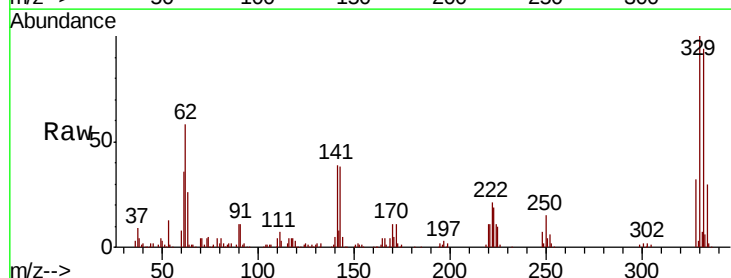


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

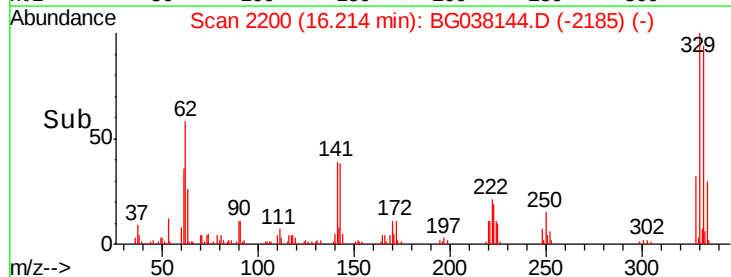
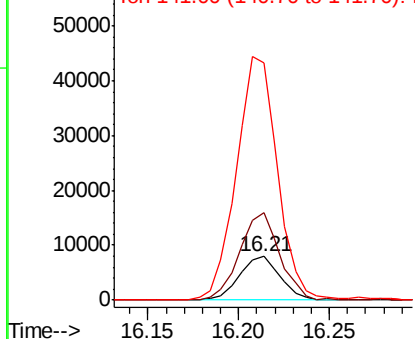


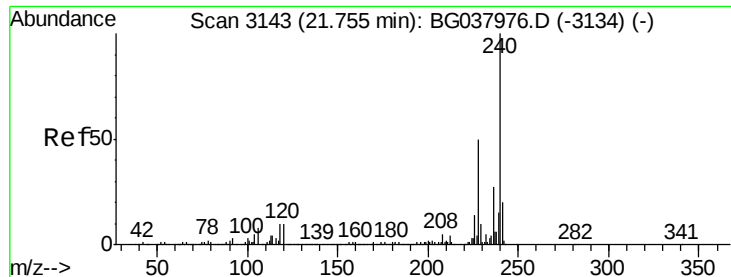
#67
 4-Bromophenyl-phenylether
 Concen: 4.206 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.44 min
 Lab File: BG038144.D
 Acq: 26 Nov 2018 20:43

Tgt Ion:248 Resp: 12423
 Ion Ratio Lower Upper
 248 100
 250 199.1 77.0 115.6#
 141 417.0 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

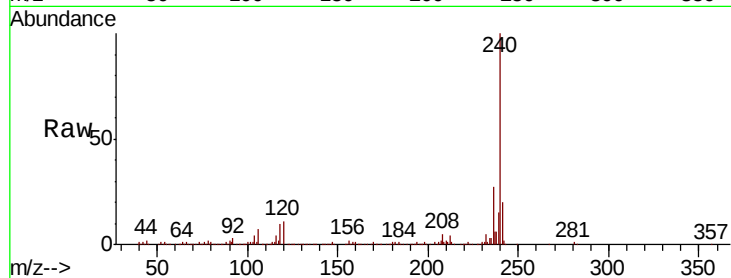




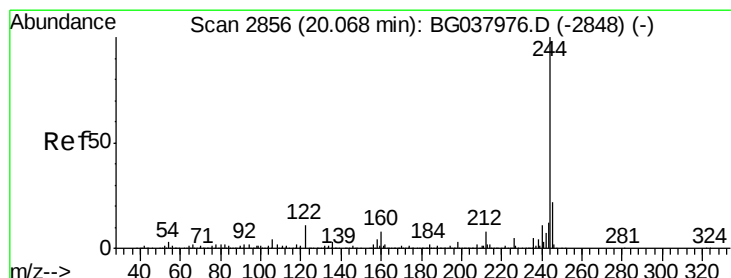
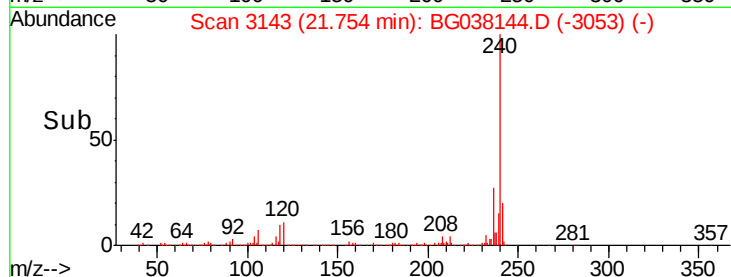
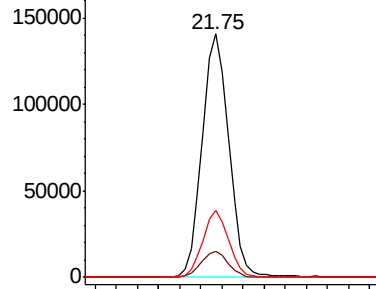
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG038144.D
Acq: 26 Nov 2018 20:43

Instrument :
BNA_G
ClientSampleId :
MMTW-01

Tgt Ion:240 Resp: 245182
Ion Ratio Lower Upper
240 100
120 10.5 8.1 12.1
236 27.5 21.4 32.0

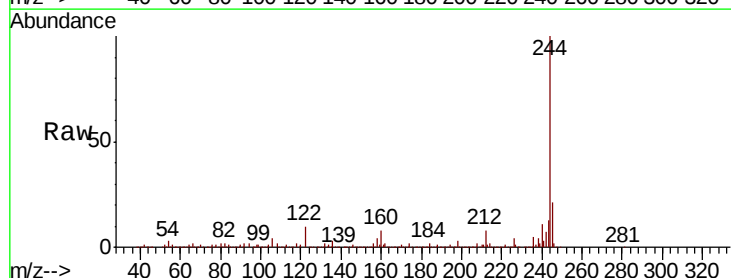


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

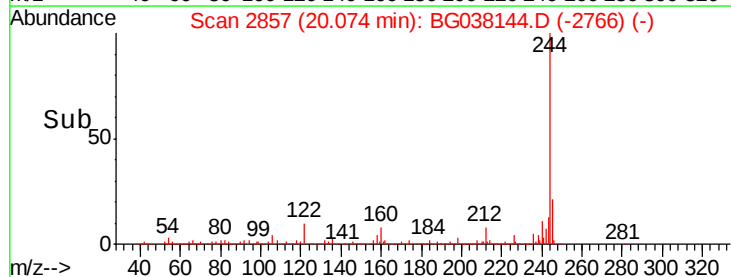
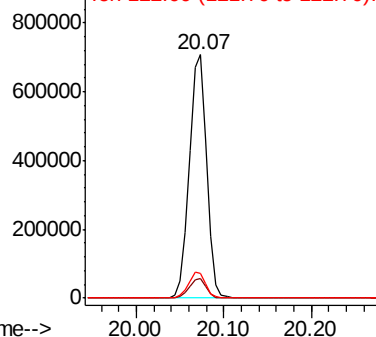


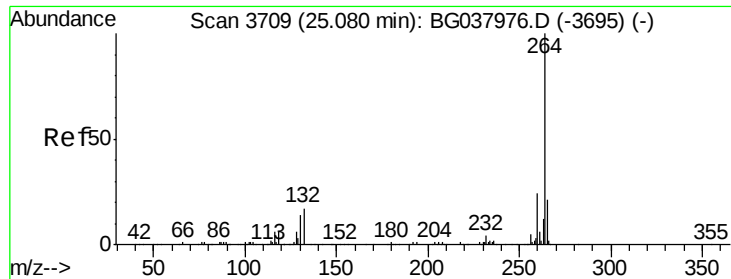
#79
Terphenyl-d14
Concen: 93.919 ng
RT: 20.07 min Scan# 2857
Delta R.T. 0.01 min
Lab File: BG038144.D
Acq: 26 Nov 2018 20:43

Tgt Ion:244 Resp: 978625
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 10.0 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. -0.00 min
Lab File: BG038144.D
Acq: 26 Nov 2018 20:43

Instrument :
BNA_G
ClientSampleId :
MMTW-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	22.5	17.9	26.9

