

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112618\
 Data File : BG038145.D
 Acq On : 26 Nov 2018 21:23
 Operator : JU/SJ
 Sample : J6032-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MMTW-02

Quant Time: Nov 27 06:55:15 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

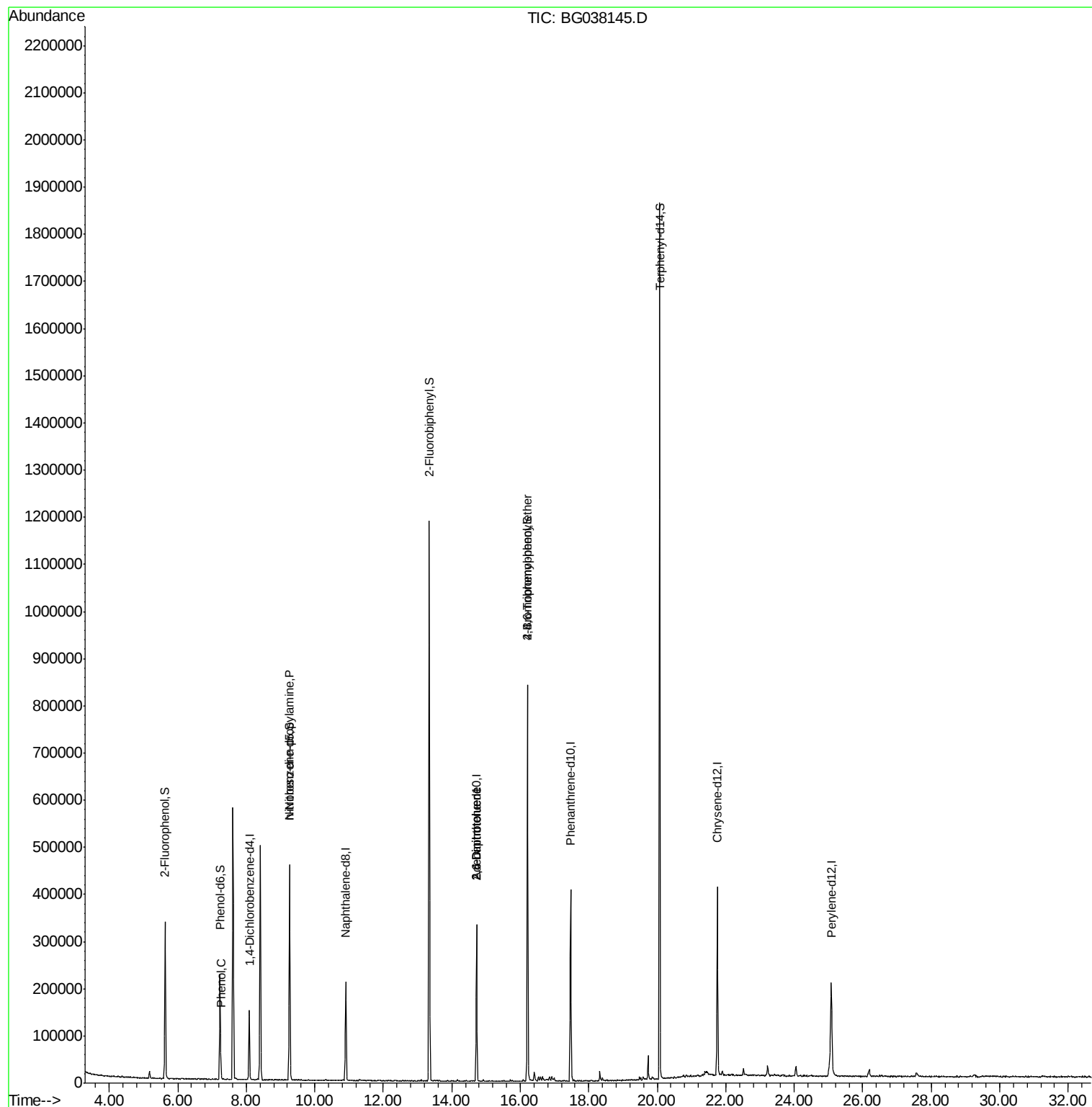
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	42812	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	189960	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	116750	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	257634	20.00	ng	0.00
76) Chrysene-d12	21.76	240	238429	20.00	ng	0.00
87) Perylene-d12	25.07	264	239752	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	149731	60.39	ng	0.00
7) Phenol-d6	7.23	99	136894	38.68	ng	0.00
23) Nitrobenzene-d5	9.26	82	293614	82.74	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	152704	114.69	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	649457	81.04	ng	0.00
79) Terphenyl-d14	20.07	244	924633	91.25	ng	0.00
Target Compounds						
10) Phenol	7.26	94	9111	2.430	ng	83
19) n-Nitroso-di-n-propylamine	9.26	70	36791	14.365	ng	# 71
51) 2,6-Dinitrotoluene	14.72	165	15272	7.290	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	15272	5.358	ng	# 24
67) 4-Bromophenyl-phenylether	16.21	248	11077	3.917	ng	# 1

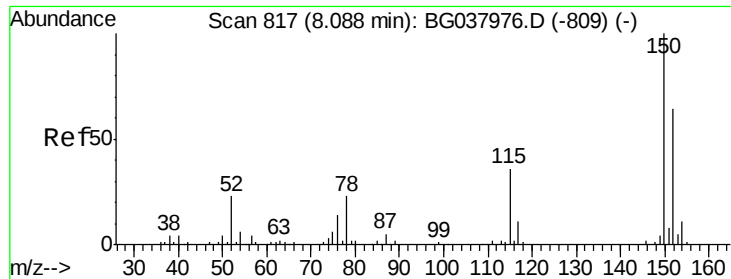
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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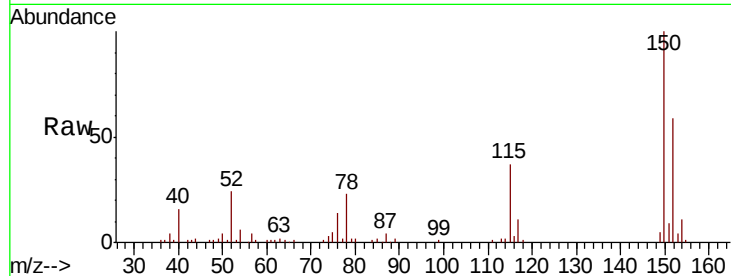


#1

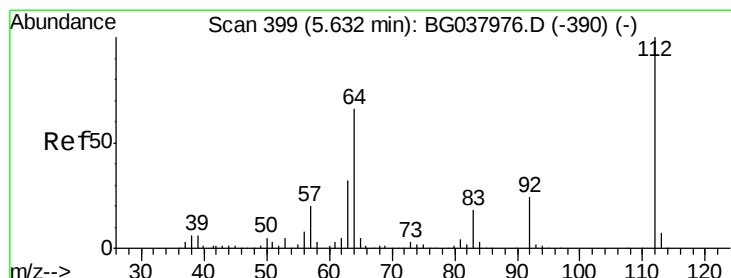
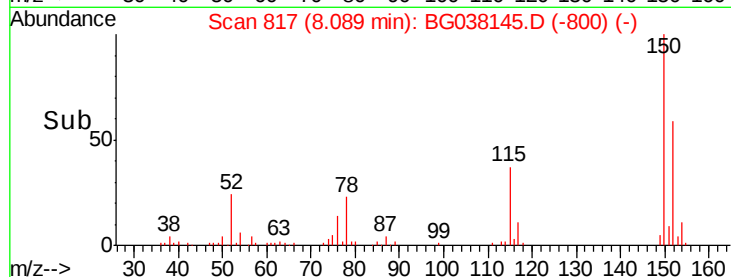
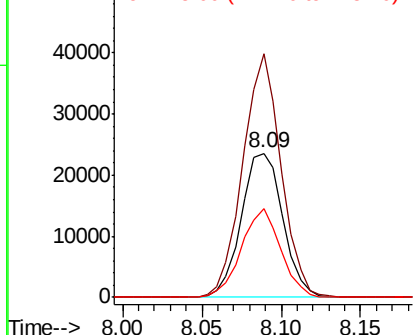
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. 0.00 min
Lab File: BG038145.D
Acq: 26 Nov 2018 21:23

Instrument :
BNA_G
ClientSampleId :
MMTW-02

Tgt Ion:152 Resp: 42812
Ion Ratio Lower Upper
152 100
150 169.0 126.0 189.0
115 61.8 45.5 68.3



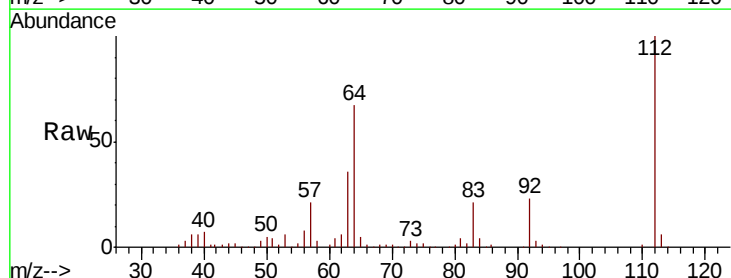
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



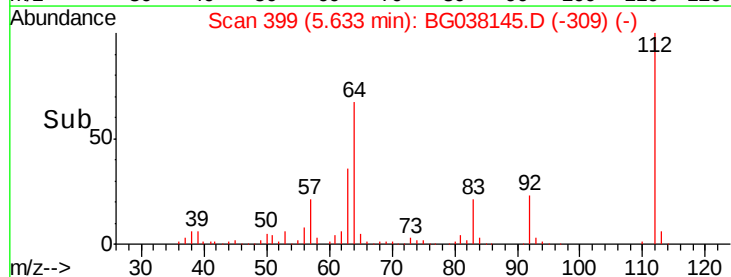
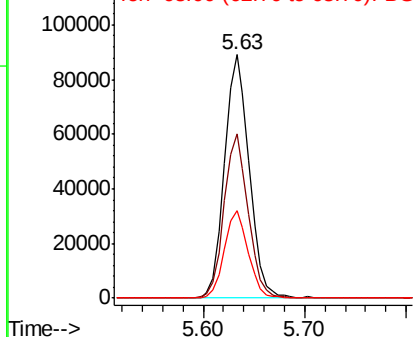
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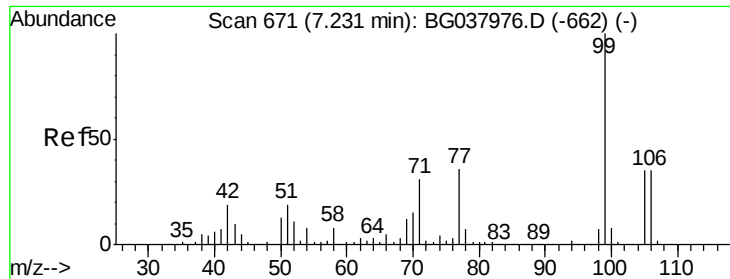
2-Fluorophenol
Concen: 60.385 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038145.D
Acq: 26 Nov 2018 21:23

Tgt Ion:112 Resp: 149731
Ion Ratio Lower Upper
112 100
64 67.4 53.1 79.7
63 36.1 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: 38.676 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038145.D

Acq: 26 Nov 2018 21:23

Instrument :

BNA_G

ClientSampleId :

MMTW-02

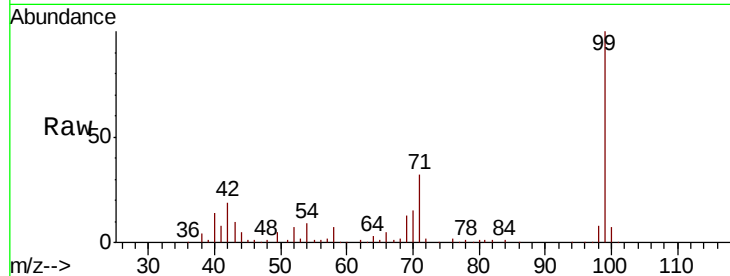
Tgt Ion: 99 Resp: 136894

Ion Ratio Lower Upper

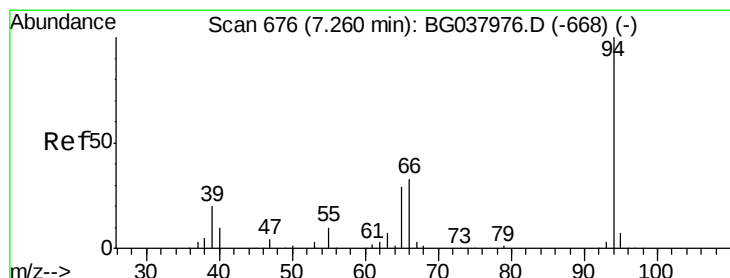
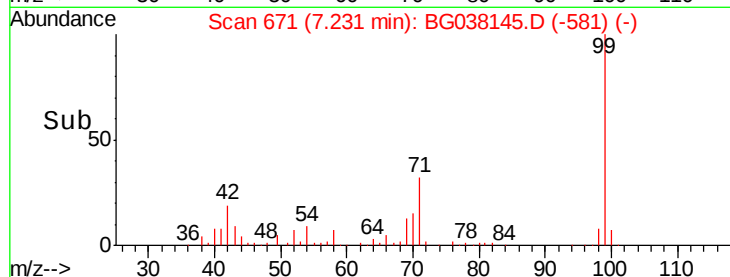
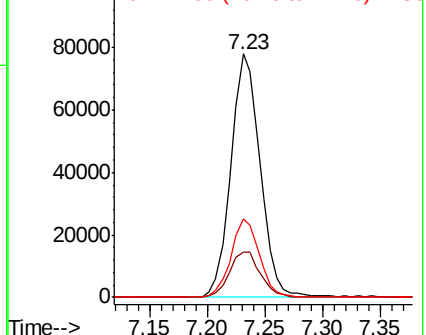
99 100

42 18.7 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: 2.430 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG038145.D

Acq: 26 Nov 2018 21:23

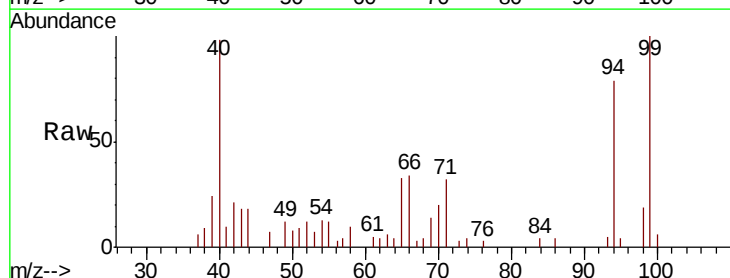
Tgt Ion: 94 Resp: 9111

Ion Ratio Lower Upper

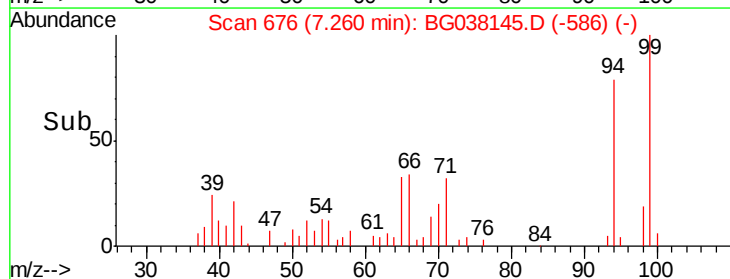
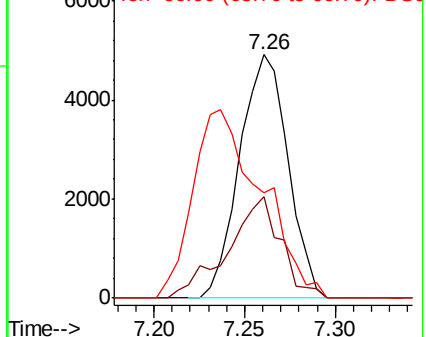
94 100

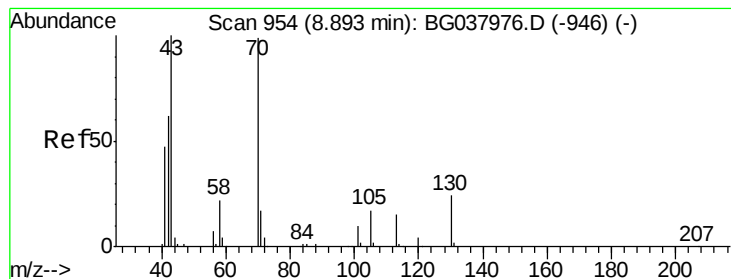
65 41.5 9.7 49.7

66 43.4 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: 14.365 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038145.D

Acq: 26 Nov 2018 21:23

Instrument :

BNA_G

ClientSampleId :

MMTW-02

Tgt Ion: 70 Resp: 36791

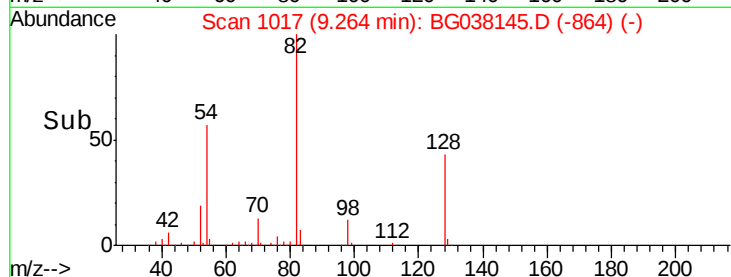
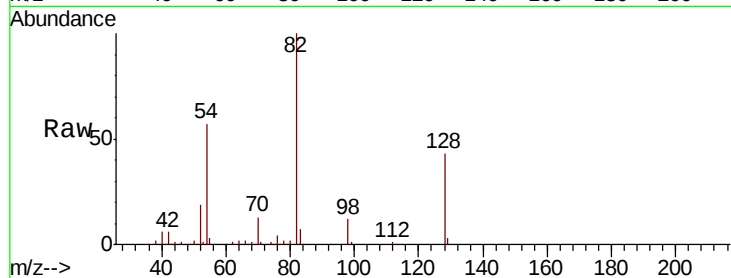
Ion Ratio Lower Upper

70 100

42 48.2 53.9 80.9#

101 0.0 8.2 12.2#

130 1.6 18.2 27.4#



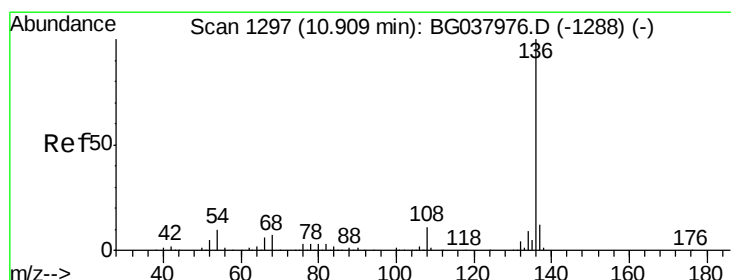
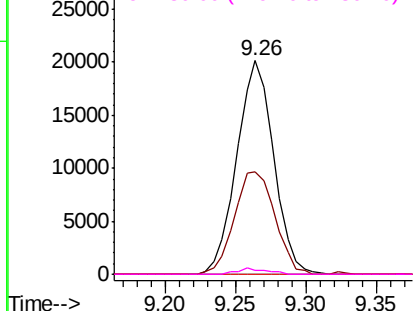
Abundance

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: BG038145.D

Acq: 26 Nov 2018 21:23

Tgt Ion: 136 Resp: 189960

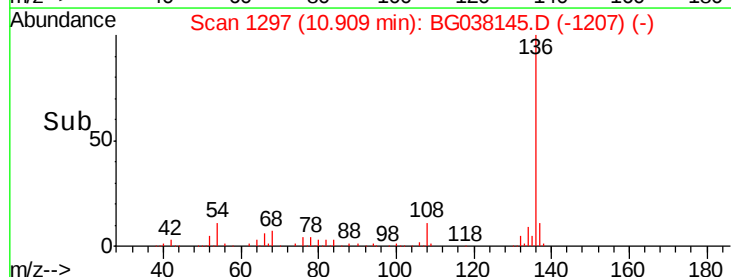
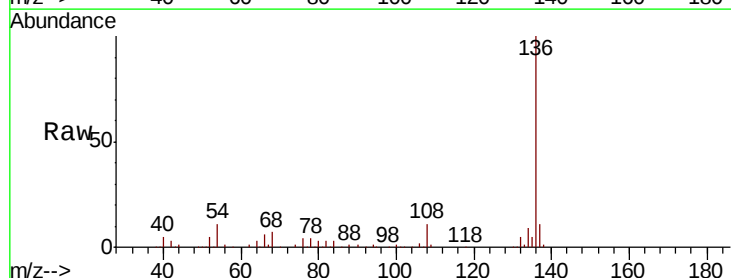
Ion Ratio Lower Upper

136 100

137 11.1 9.6 14.4

54 11.1 7.9 11.9

68 6.6 4.8 7.2



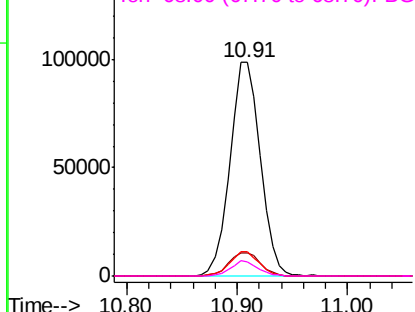
Abundance

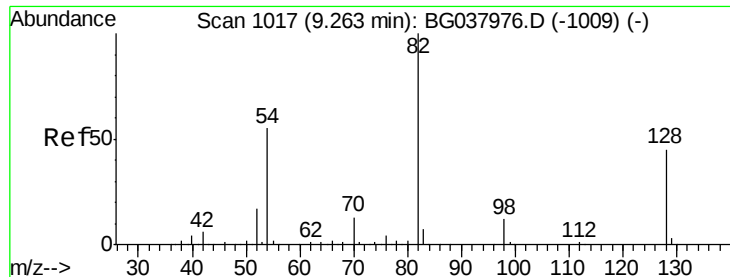
Ion 136.00 (135.70 to 136.70): BGC

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: 82.740 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BG038145.D

Acq: 26 Nov 2018 21:23

Instrument :

BNA_G

ClientSampleId :

MMTW-02

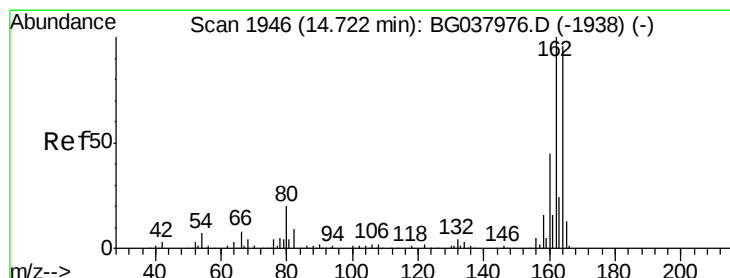
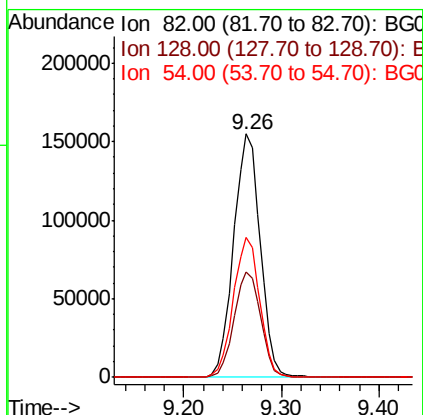
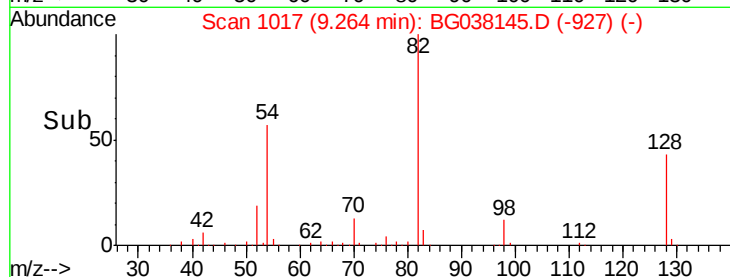
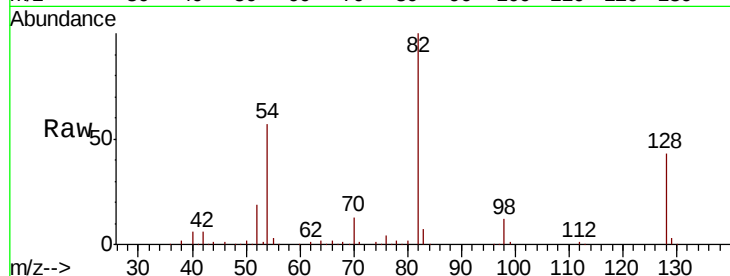
Tgt Ion: 82 Resp: 293614

Ion Ratio Lower Upper

82 100

128 43.2 34.6 51.8

54 57.5 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: BG038145.D

Acq: 26 Nov 2018 21:23

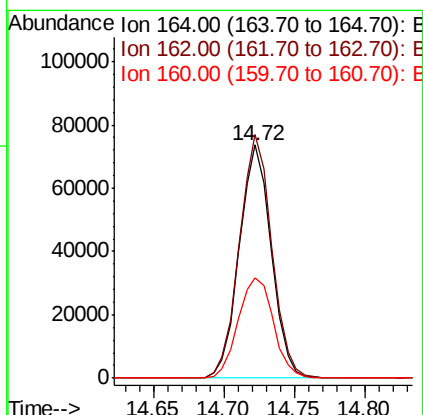
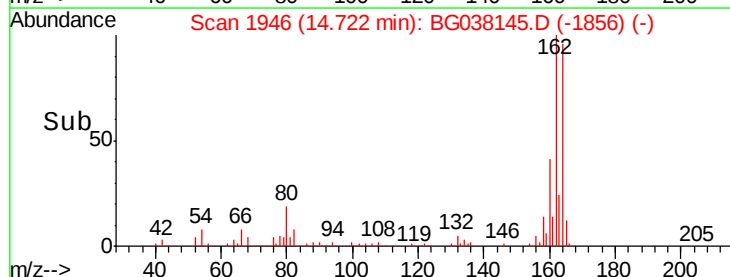
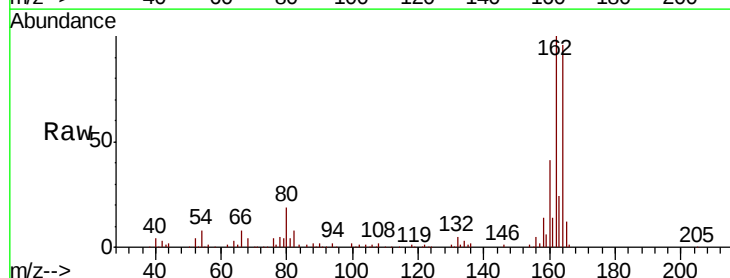
Tgt Ion: 164 Resp: 116750

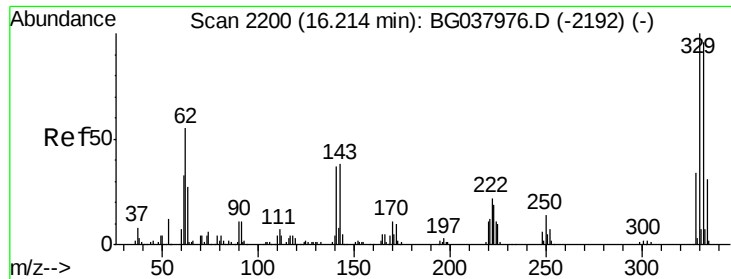
Ion Ratio Lower Upper

164 100

162 104.4 81.3 121.9

160 42.8 36.3 54.5

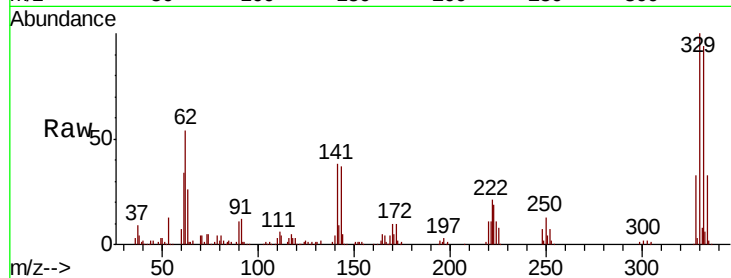




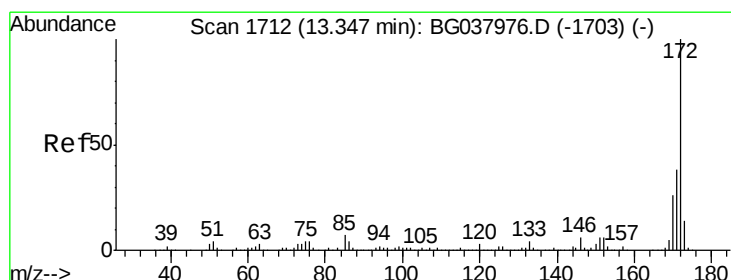
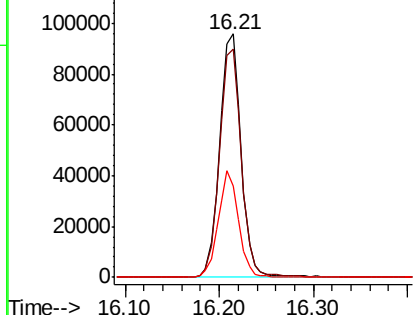
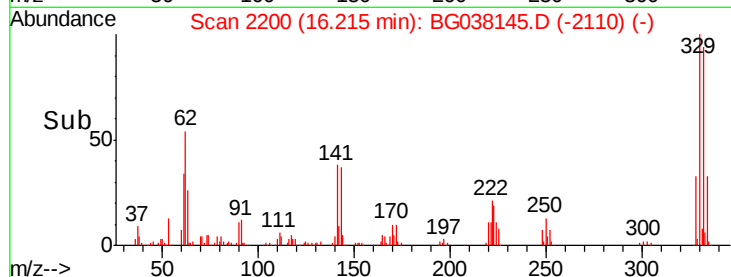
#42
 2,4,6-Tribromophenol
 Concen: 114.685 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. 0.00 min
 Lab File: BG038145.D
 Acq: 26 Nov 2018 21:23

Instrument :
 BNA_G
 ClientSampleId :
 MMTW-02

Tgt Ion:330 Resp: 152704
 Ion Ratio Lower Upper
 330 100
 332 95.7 78.4 117.6
 141 41.4 32.2 48.2

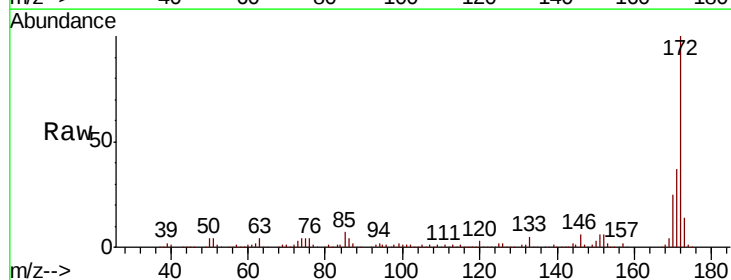


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

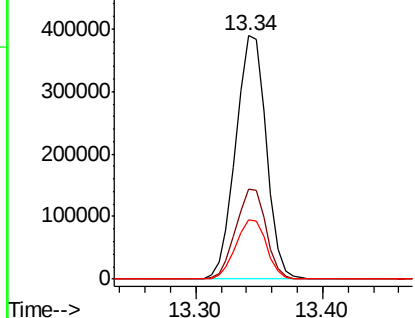
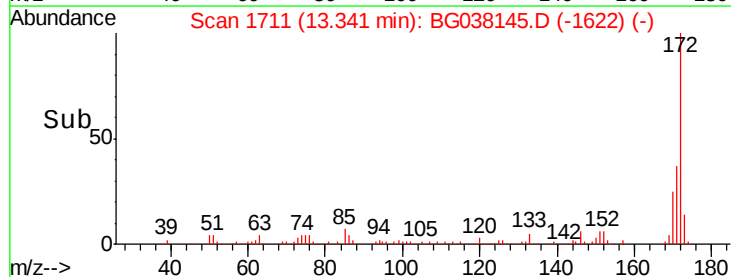


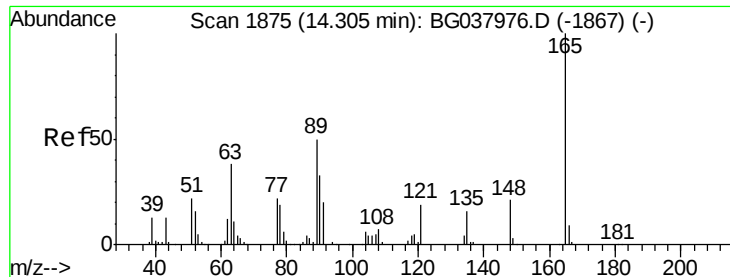
#45
 2-Fluorobiphenyl
 Concen: 81.042 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038145.D
 Acq: 26 Nov 2018 21:23

Tgt Ion:172 Resp: 649457
 Ion Ratio Lower Upper
 172 100
 171 36.8 31.0 46.4
 170 24.5 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

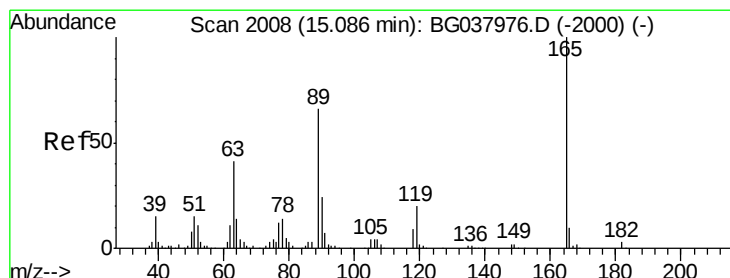
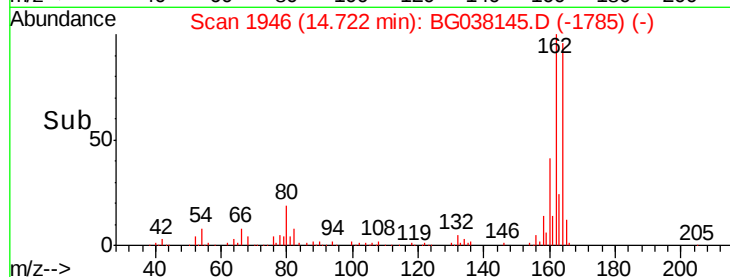
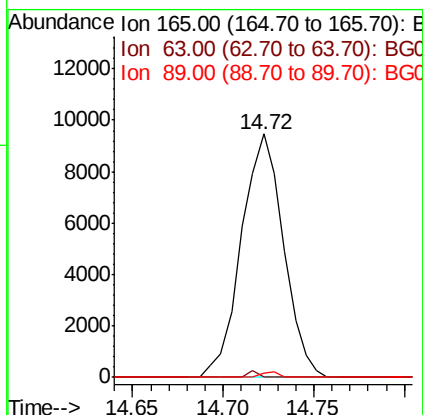
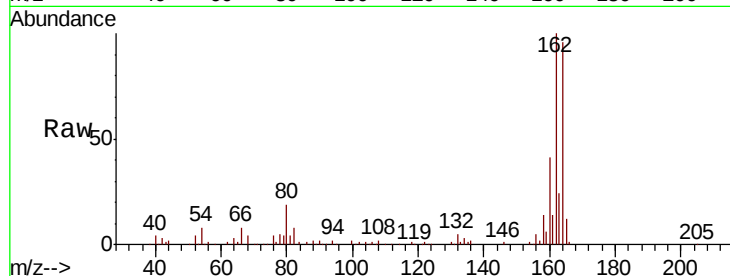




#51
 2,6-Dinitrotoluene
 Concen: 7.290 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.42 min
 Lab File: BG038145.D
 Acq: 26 Nov 2018 21:23

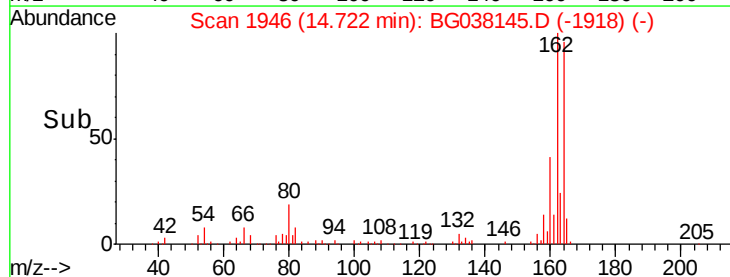
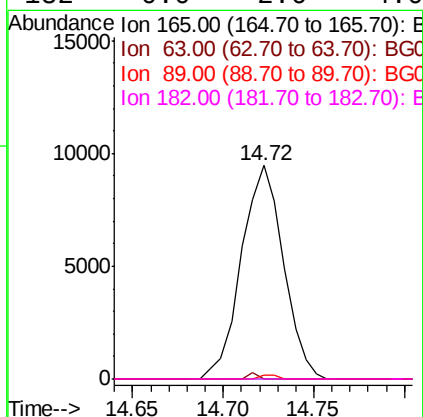
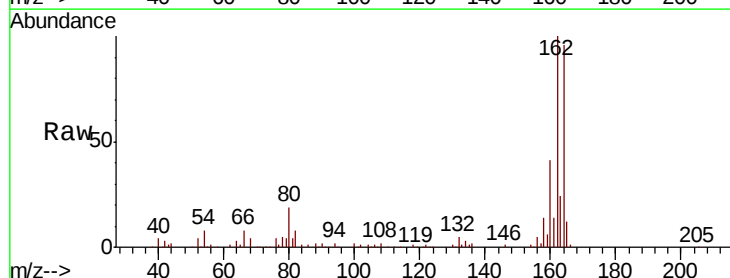
Instrument :
 BNA_G
 ClientSampleId :
 MMTW-02

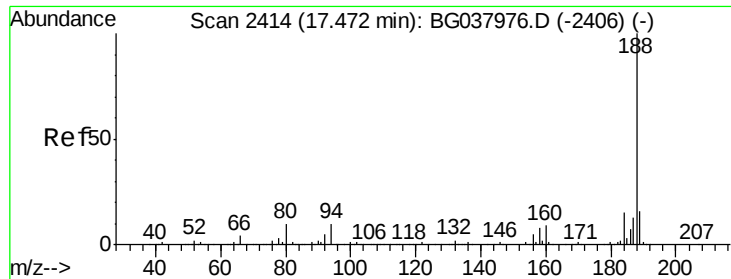
Tgt Ion:165 Resp: 15272
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.4 65.2#
 89 1.7 45.8 68.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.358 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.36 min
 Lab File: BG038145.D
 Acq: 26 Nov 2018 21:23

Tgt Ion:165 Resp: 15272
 Ion Ratio Lower Upper
 165 100
 63 0.0 33.4 50.0#
 89 1.7 57.2 85.8#
 182 0.0 2.6 4.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. 0.00 min

Lab File: BG038145.D

Acq: 26 Nov 2018 21:23

Instrument :

BNA_G

ClientSampleId :

MMTW-02

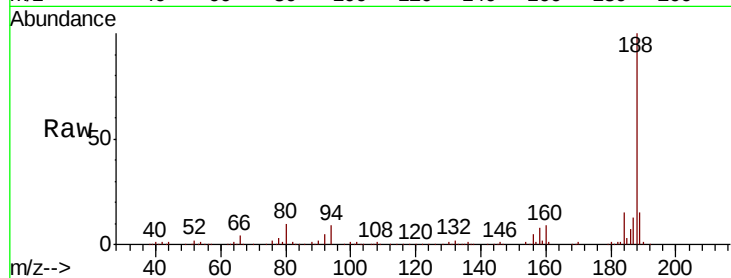
Tgt Ion:188 Resp: 257634

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

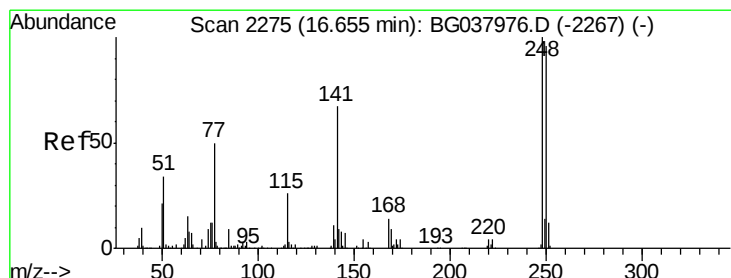
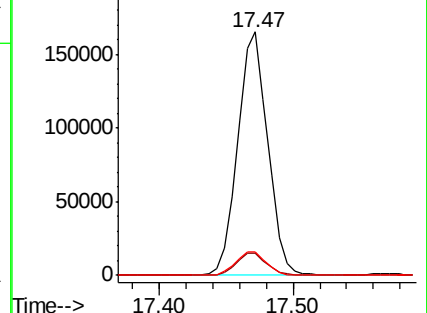
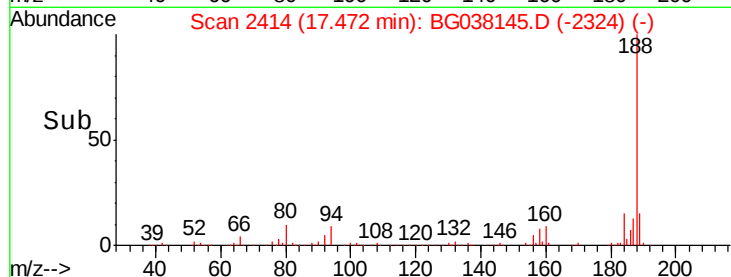
80 9.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 3.917 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.44 min

Lab File: BG038145.D

Acq: 26 Nov 2018 21:23

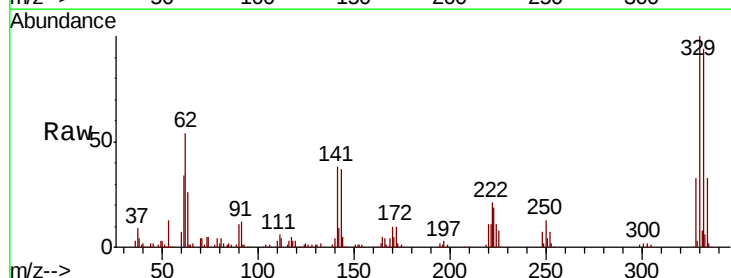
Tgt Ion:248 Resp: 11077

Ion Ratio Lower Upper

248 100

250 178.8 77.0 115.6#

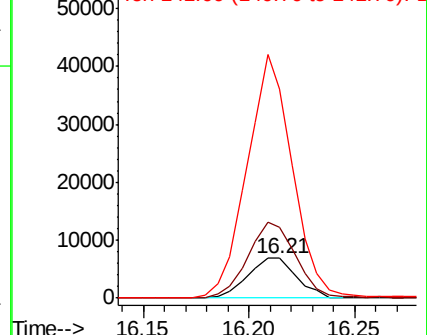
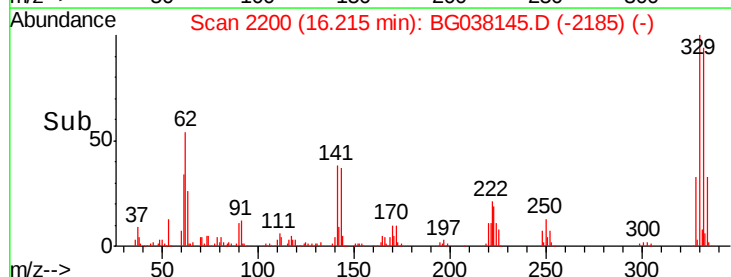
141 402.7 55.5 83.3#

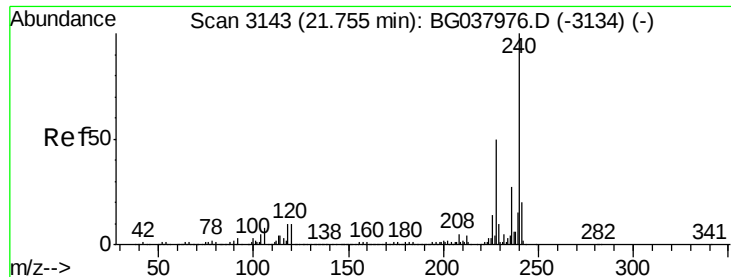


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.76 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG038145.D

Acq: 26 Nov 2018 21:23

Instrument :

BNA_G

ClientSampleId :

MMTW-02

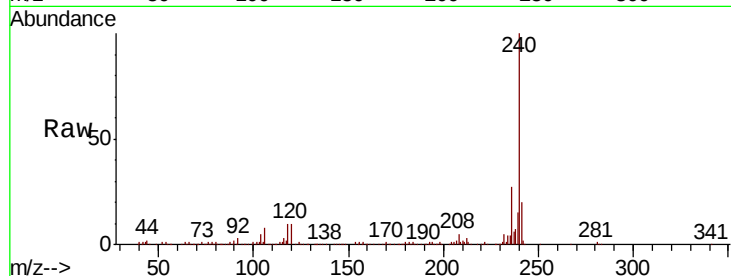
Tgt Ion:240 Resp: 238429

Ion Ratio Lower Upper

240 100

120 10.4 8.1 12.1

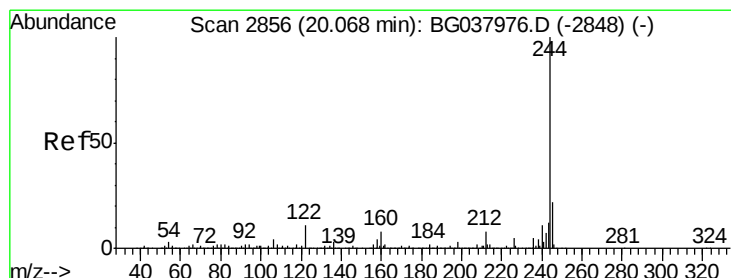
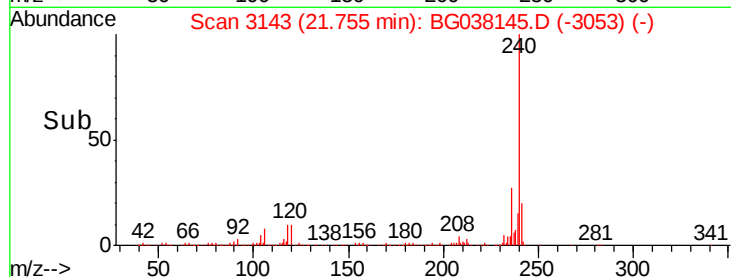
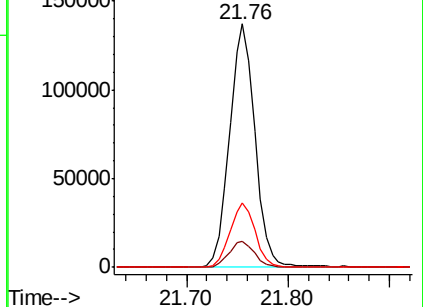
236 26.5 21.4 32.0



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: 91.250 ng

RT: 20.07 min Scan# 2857

Delta R.T. 0.01 min

Lab File: BG038145.D

Acq: 26 Nov 2018 21:23

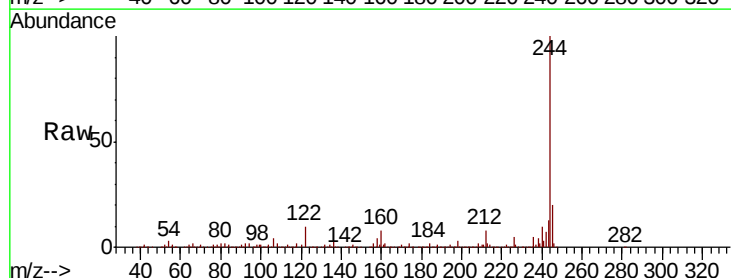
Tgt Ion:244 Resp: 924633

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

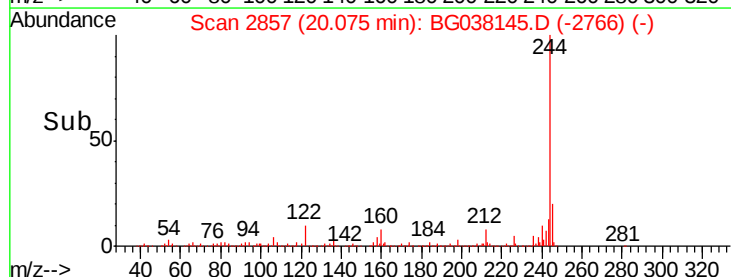
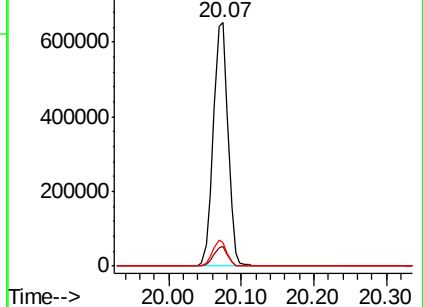
122 9.9 9.0 13.4

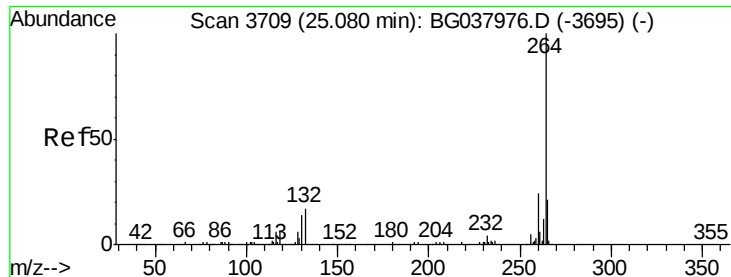


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.07 min Scan# 3708
Delta R.T. -0.01 min
Lab File: BG038145.D
Acq: 26 Nov 2018 21:23

Instrument :
BNA_G
ClientSampleId :
MMTW-02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.4
265	21.4	17.9	26.9

