

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101118\
 Data File : BG037278.D
 Acq On : 12 Oct 2018 5:49
 Operator : JU/SJ
 Sample : J5302-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-2

Quant Time: Oct 12 06:54:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	67661	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	299792	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	203765	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	508395	20.00	ng	0.00
76) Chrysene-d12	21.79	240	485633	20.00	ng	0.00
87) Perylene-d12	25.14	264	499698	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.66	112	222395	57.85	ng	0.00
7) Phenol-d6	7.25	99	210065	36.00	ng	0.00
23) Nitrobenzene-d5	9.30	82	381665	83.70	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	254720	127.46	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	940668	69.33	ng	0.00
79) Terphenyl-d14	20.10	244	1577625	68.21	ng	0.00

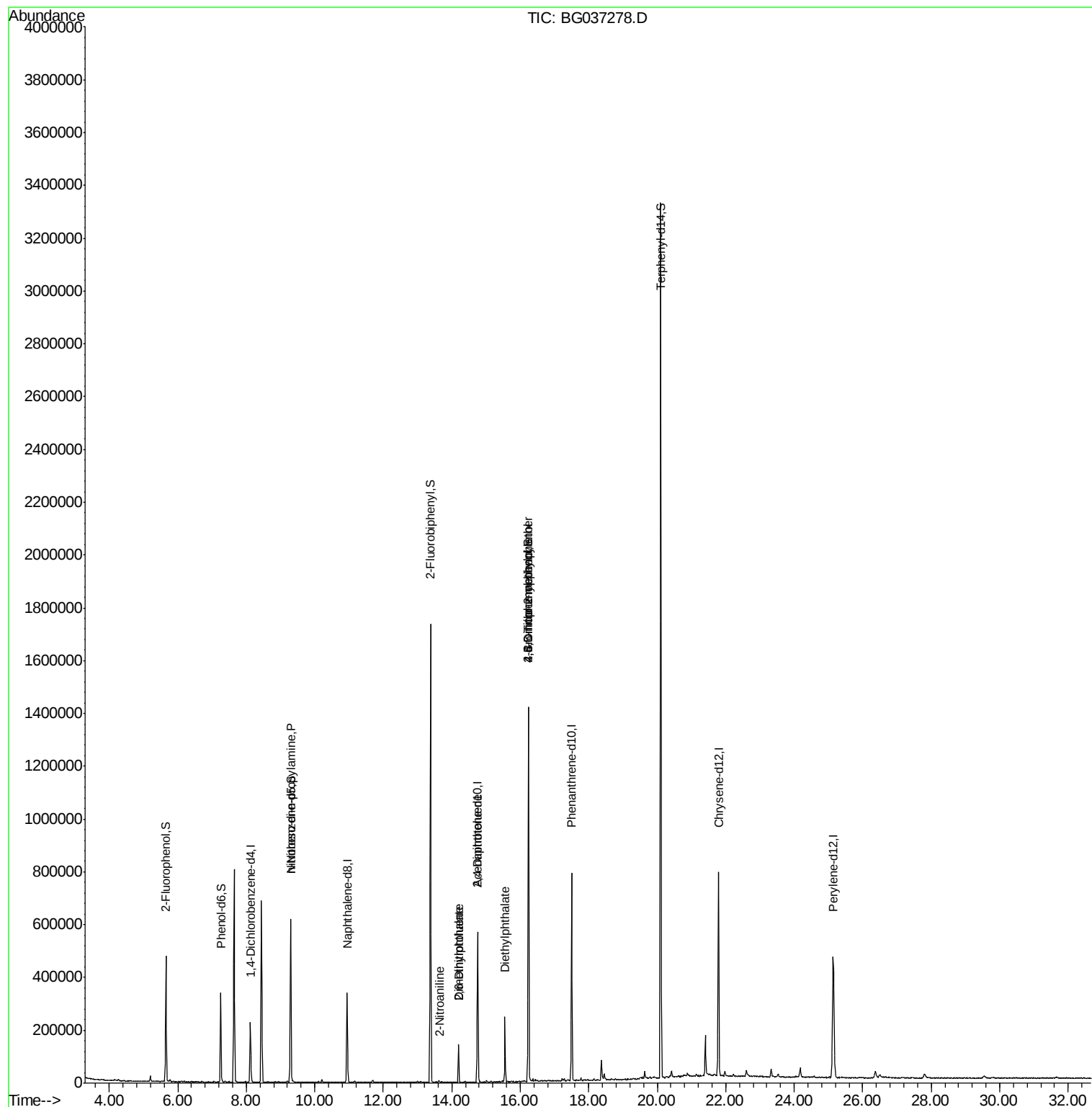
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.30	70	48112	10.890	ng	# 74
48) 2-Nitroaniline	13.64	65	61	5.771	ng	# 7
50) Dimethylphthalate	14.20	163	99397	6.207	ng	98
51) 2,6-Dinitrotoluene	14.20	165	1331	5.196	ng	# 48
57) 2,4-Dinitrotoluene	14.76	165	25519	11.094	ng	# 25
60) Diethylphthalate	15.56	149	139647	8.415	ng	98
65) 4,6-Dinitro-2-methylphenol	16.24	198	967	6.478	ng	84
67) 4-Bromophenyl-phenylether	16.24	248	18759	3.419	ng	# 1

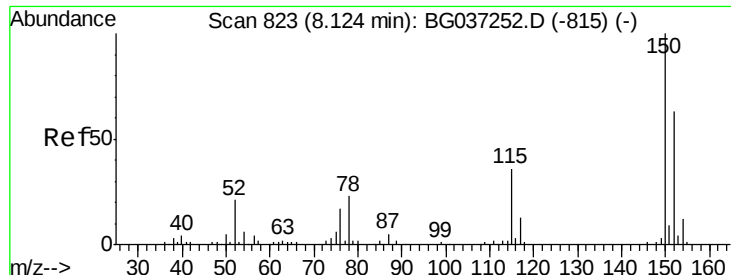
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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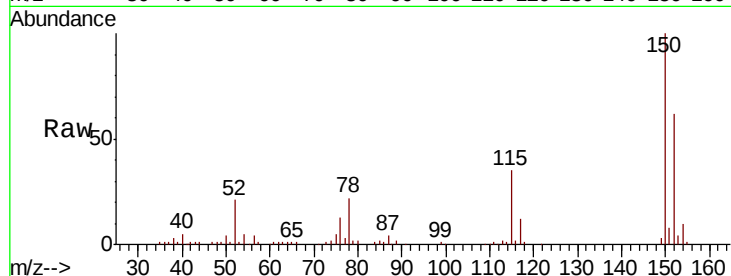


#1

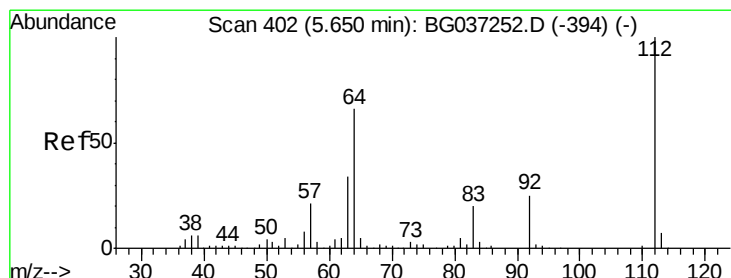
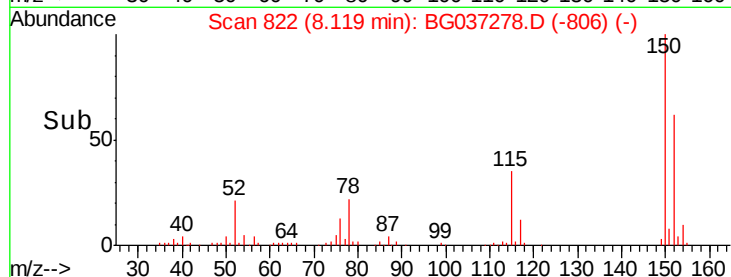
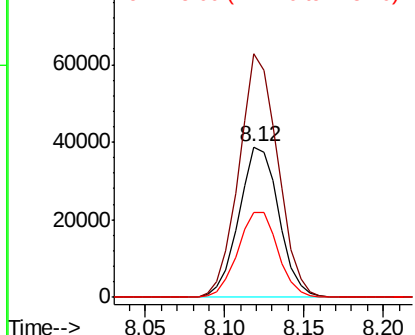
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG037278.D
Acq: 12 Oct 2018 5:49

Instrument :
BNA_G
ClientSampleId :
TW-2

Tgt Ion:152 Resp: 67661
Ion Ratio Lower Upper
152 100
150 161.9 126.0 189.0
115 56.7 45.5 68.3



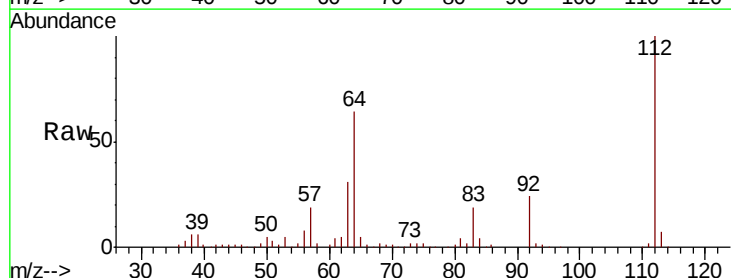
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



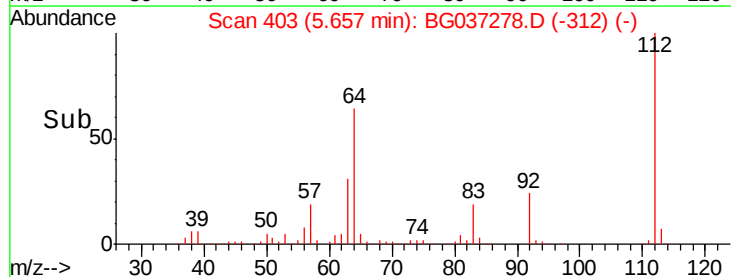
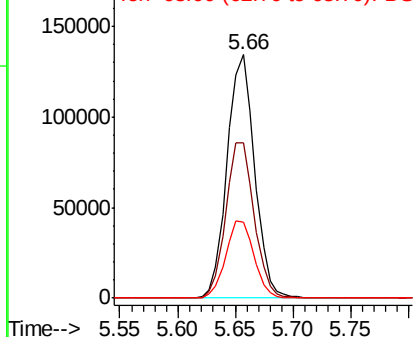
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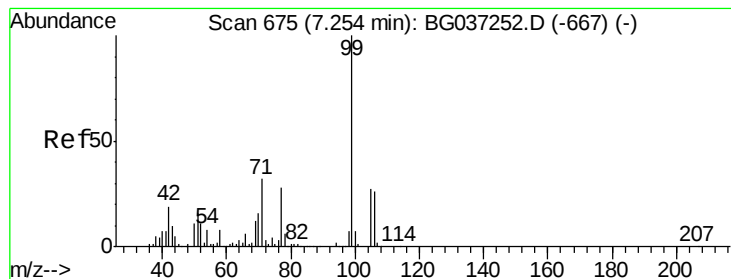
2-Fluorophenol
Concen: 57.846 ng
RT: 5.66 min Scan# 403
Delta R.T. 0.01 min
Lab File: BG037278.D
Acq: 12 Oct 2018 5:49

Tgt Ion:112 Resp: 222395
Ion Ratio Lower Upper
112 100
64 63.9 53.1 79.7
63 31.3 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: 35.998 ng

RT: 7.25 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037278.D

Acq: 12 Oct 2018 5:49

Instrument :

BNA_G

ClientSampleId :

TW-2

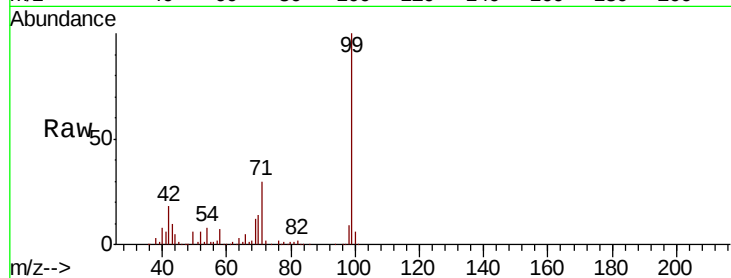
Tgt Ion: 99 Resp: 210065

Ion Ratio Lower Upper

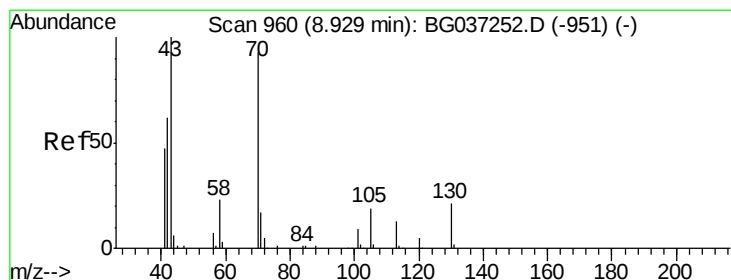
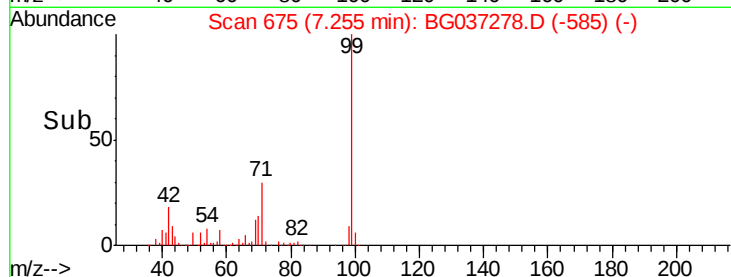
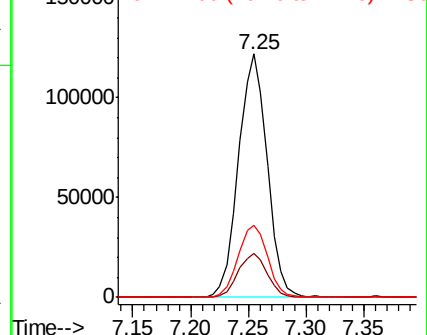
99 100

42 17.9 15.0 22.4

71 29.6 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



#19

n-Nitroso-di-n-propylamine

Concen: 10.890 ng

RT: 9.30 min Scan# 1023

Delta R.T. 0.37 min

Lab File: BG037278.D

Acq: 12 Oct 2018 5:49

Tgt Ion: 70 Resp: 48112

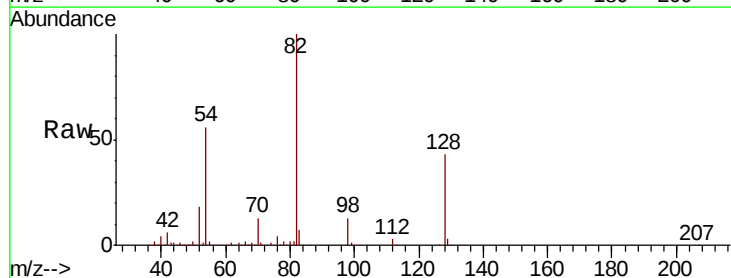
Ion Ratio Lower Upper

70 100

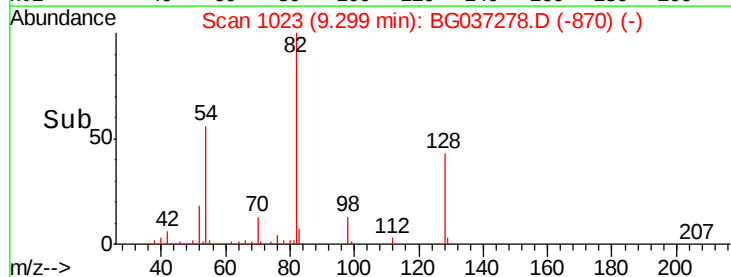
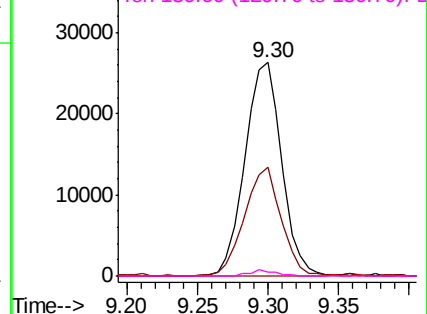
42 51.1 53.9 80.9#

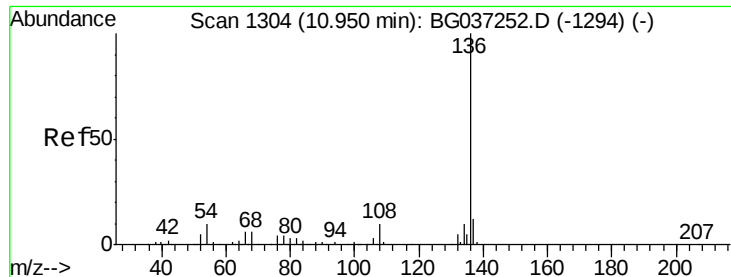
101 0.0 8.2 12.2#

130 1.7 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

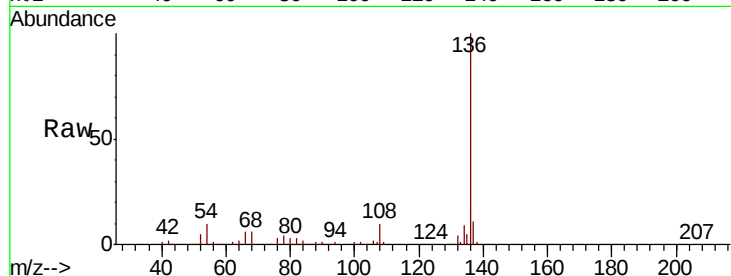




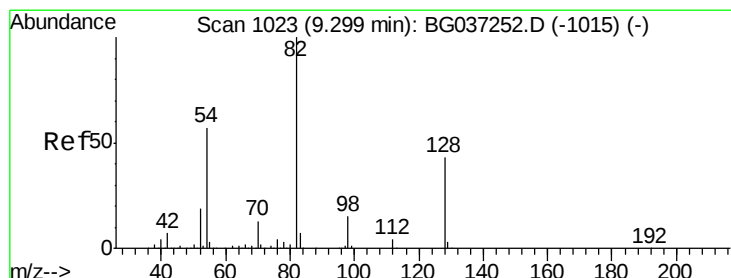
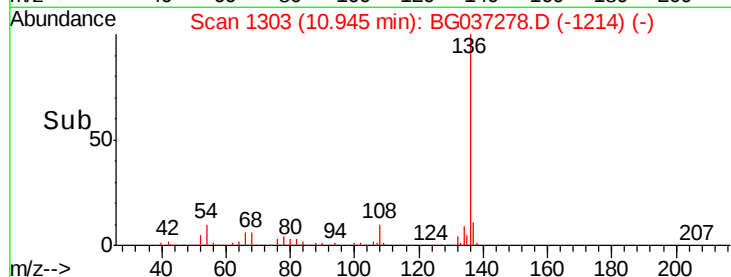
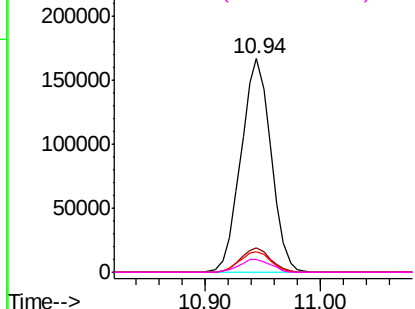
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG037278.D
Acq: 12 Oct 2018 5:49

Instrument :
BNA_G
ClientSampleId :
TW-2

Tgt Ion:	136	Resp:	299792
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	9.8	7.9	11.9
68	6.1	4.8	7.2

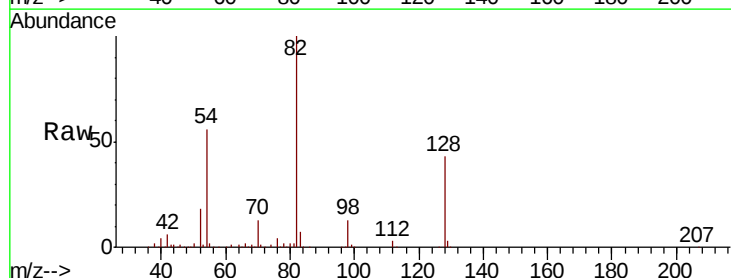


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

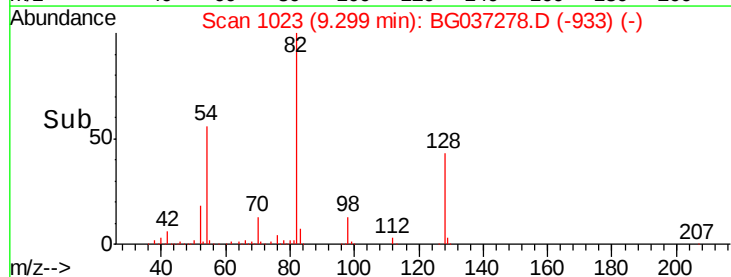
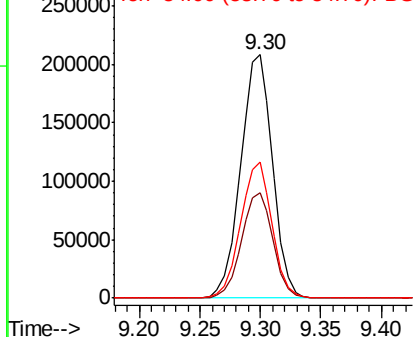


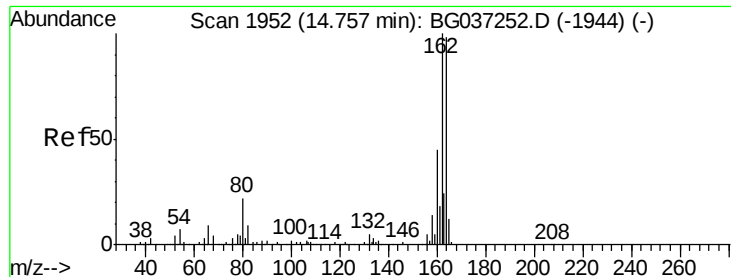
#23
Nitrobenzene-d5
Concen: 83.700 ng
RT: 9.30 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BG037278.D
Acq: 12 Oct 2018 5:49

Tgt Ion:	82	Resp:	381665
Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.6	51.8
54	55.7	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

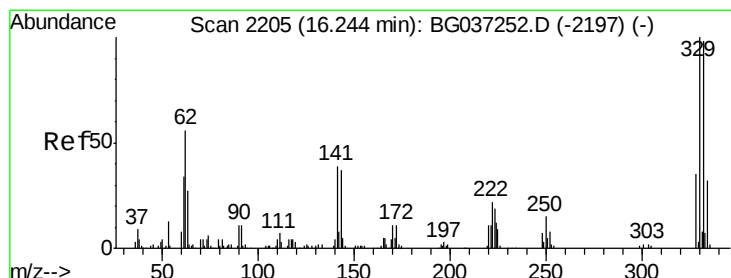
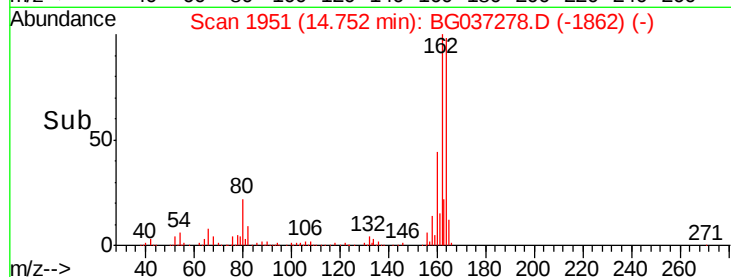
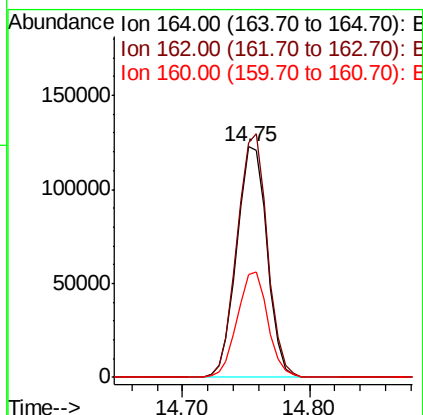
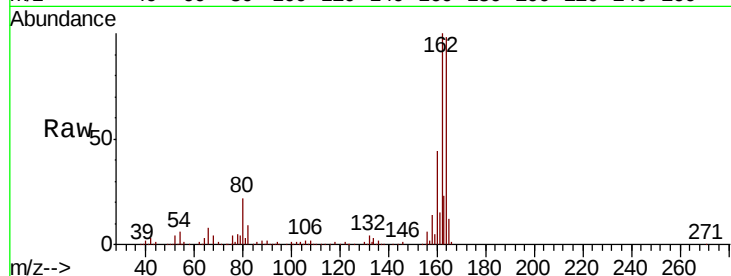




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG037278.D
Acq: 12 Oct 2018 5:49

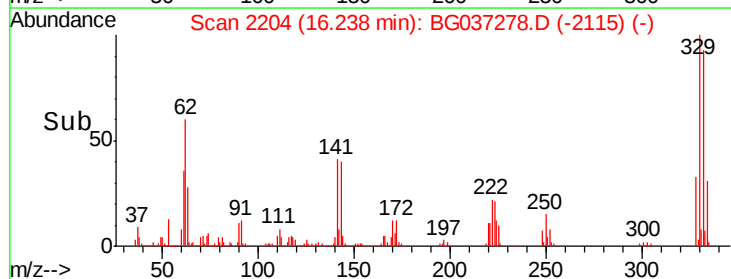
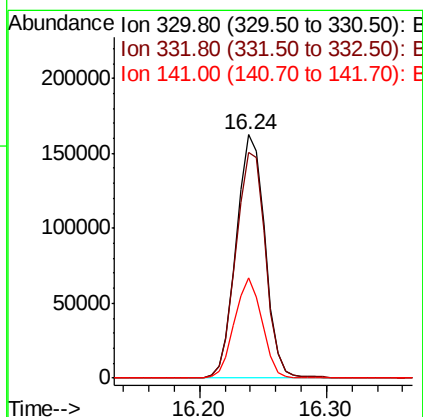
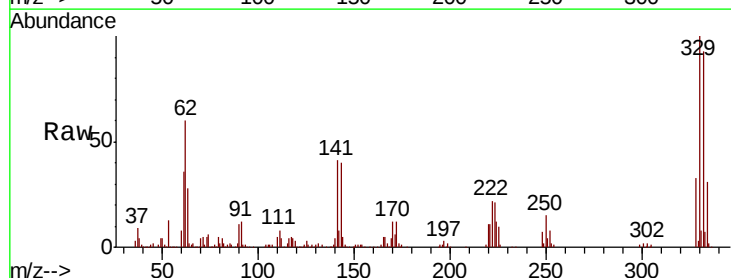
Instrument :
BNA_G
ClientSampleId :
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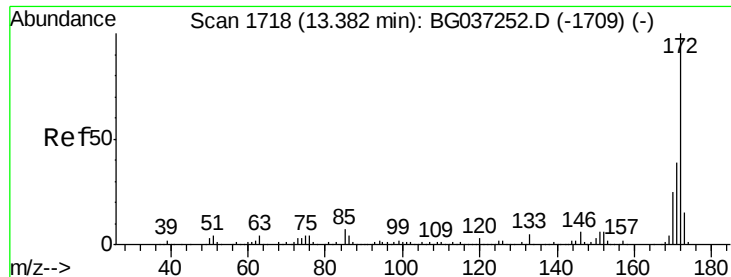
Tgt Ion:164 Resp: 203765
Ion Ratio Lower Upper
164 100
162 101.7 81.3 121.9
160 44.4 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 127.464 ng
RT: 16.24 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BG037278.D
Acq: 12 Oct 2018 5:49

Tgt Ion:330 Resp: 254720
Ion Ratio Lower Upper
330 100
332 95.6 78.4 117.6
141 39.6 32.2 48.2

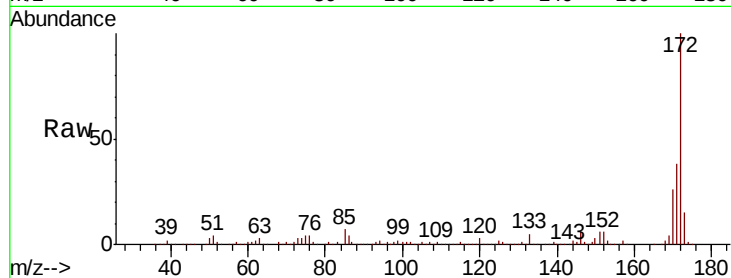




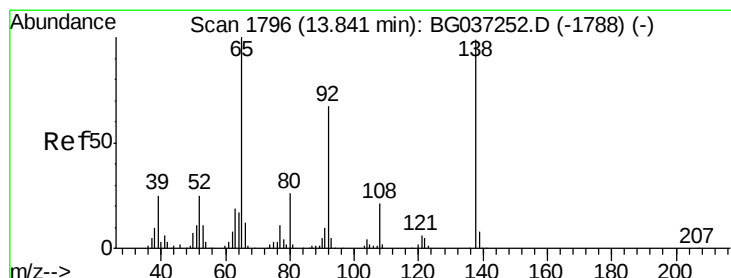
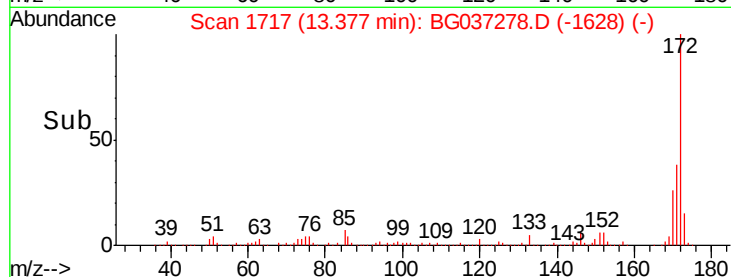
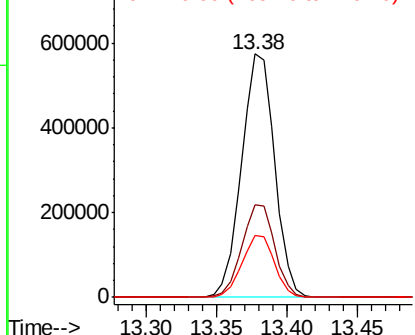
#45
 2-Fluorobiphenyl
 Concen: 69.328 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG037278.D
 Acq: 12 Oct 2018 5:49

Instrument :
 BNA_G
 ClientSampleId :
 TW-2

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.0	46.4
170	25.6	20.2	30.2

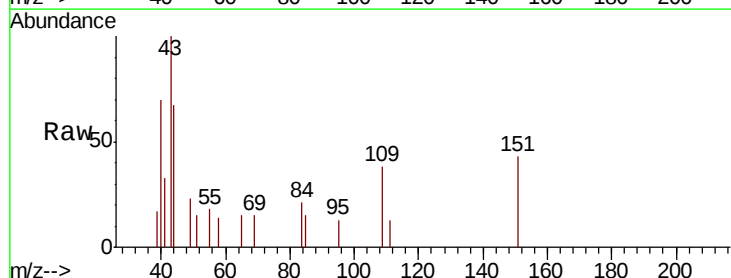


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

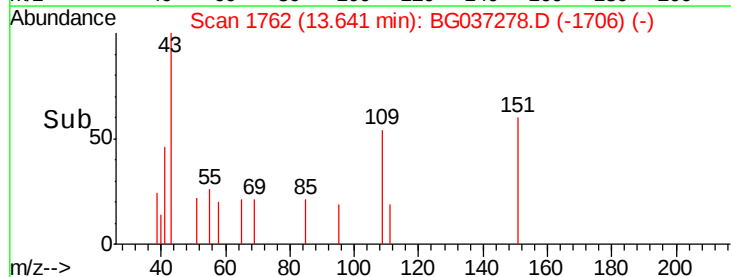
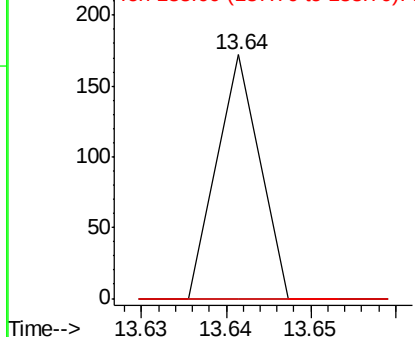


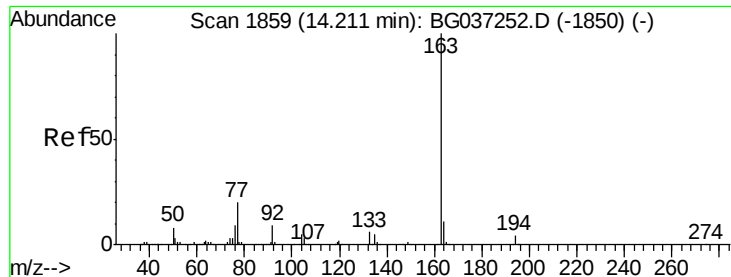
#48
 2-Nitroaniline
 Concen: 5.771 ng
 RT: 13.64 min Scan# 1762
 Delta R.T. -0.20 min
 Lab File: BG037278.D
 Acq: 12 Oct 2018 5:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	0.0	53.2	79.8#
138	0.0	79.3	118.9#



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#50

Dimethylphthalate

Concen: 6.207 ng

RT: 14.20 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BG037278.D

Acq: 12 Oct 2018 5:49

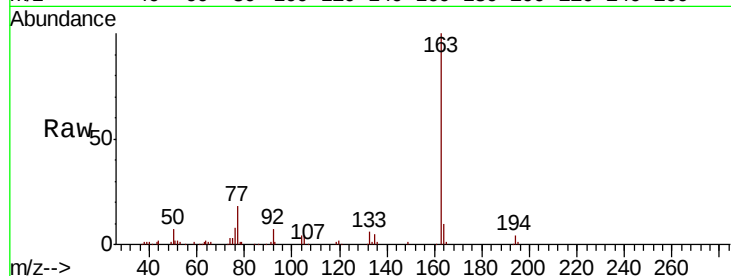
Instrument :

BNA_G

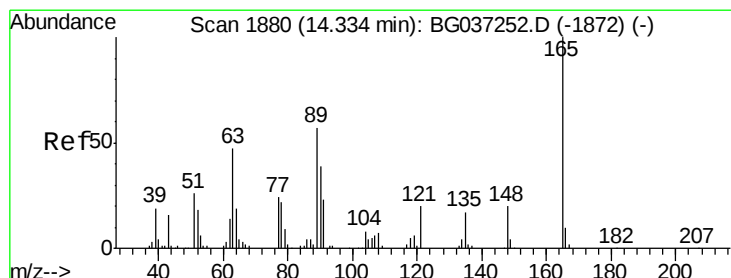
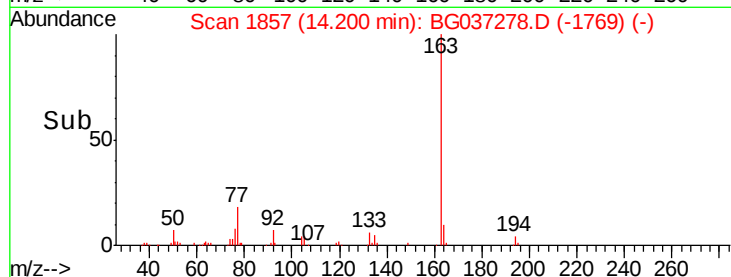
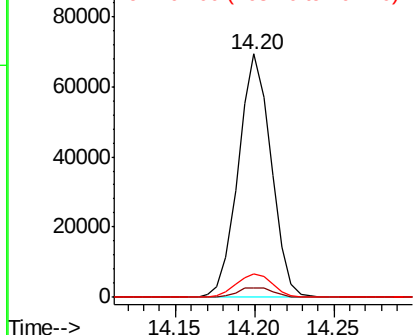
ClientSampleId :

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Tgt Ion:	163	Resp:	99397
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.5	5.3
164	9.8	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



#51

2,6-Dinitrotoluene

Concen: 5.196 ng

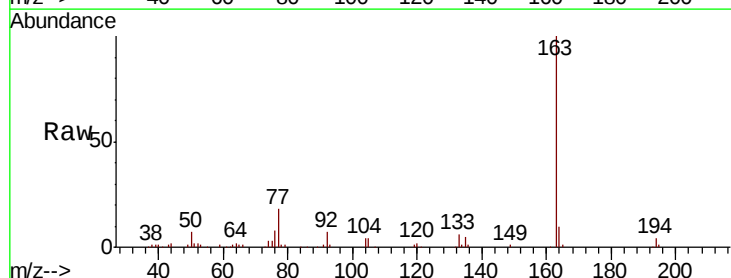
RT: 14.20 min Scan# 1857

Delta R.T. -0.13 min

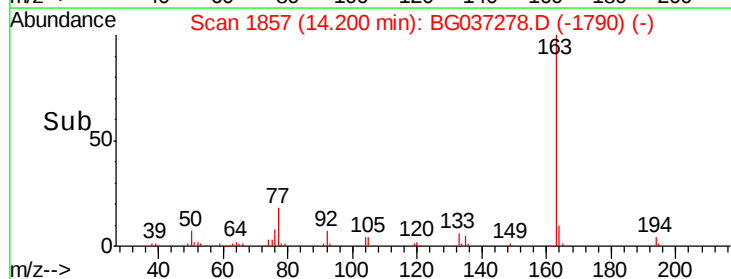
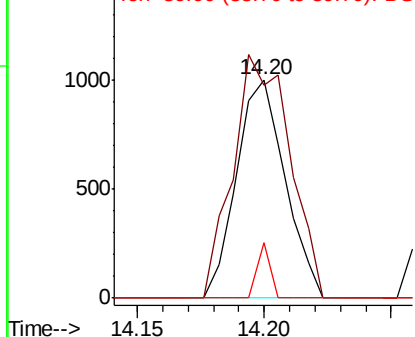
Lab File: BG037278.D

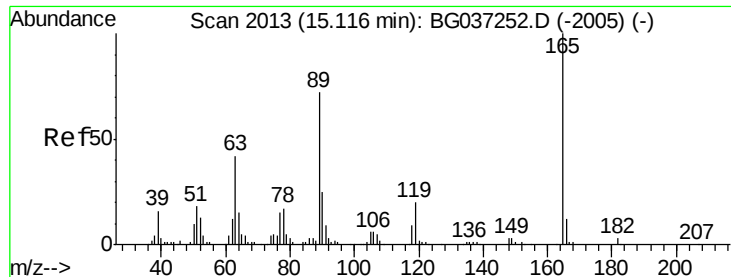
Acq: 12 Oct 2018 5:49

Tgt Ion:	165	Resp:	1331
Ion Ratio	Lower	Upper	
165	100		
63	97.6	43.4	65.2#
89	25.1	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

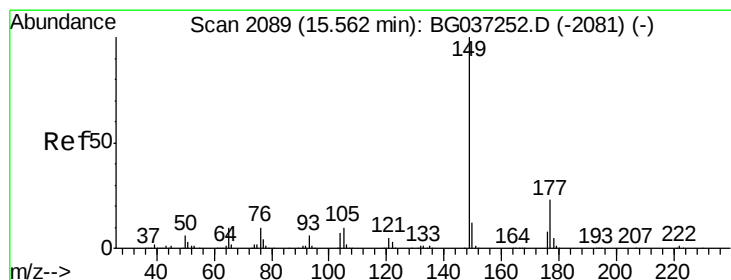
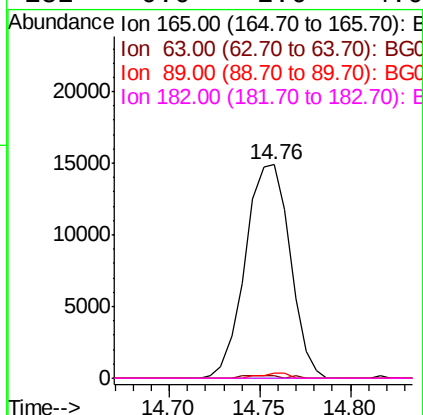
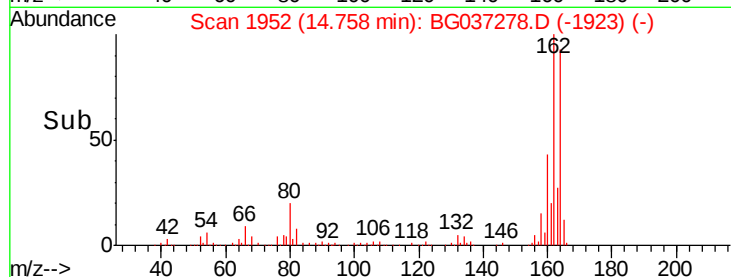
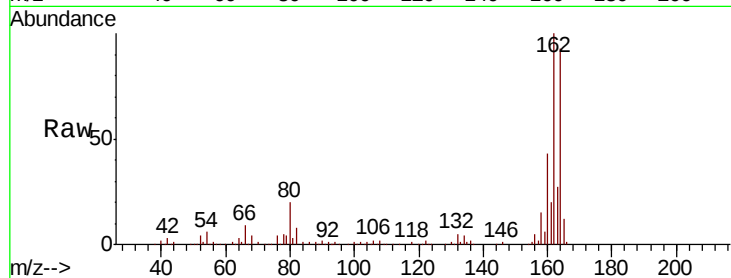




#57
2,4-Dinitrotoluene
Concen: 11.094 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.36 min
Lab File: BG037278.D
Acq: 12 Oct 2018 5:49

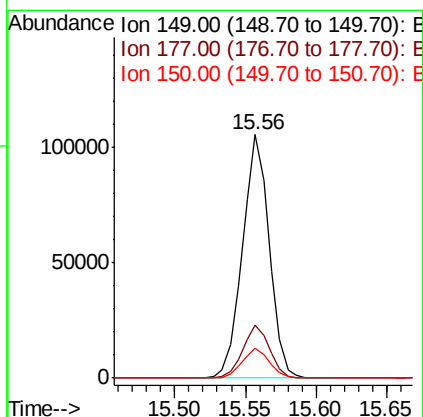
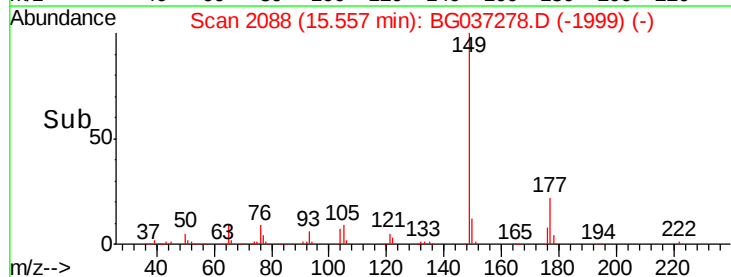
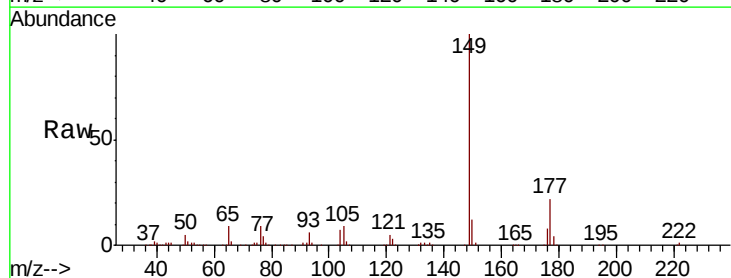
Instrument :
BNA_G
ClientSampleId :
TW-2

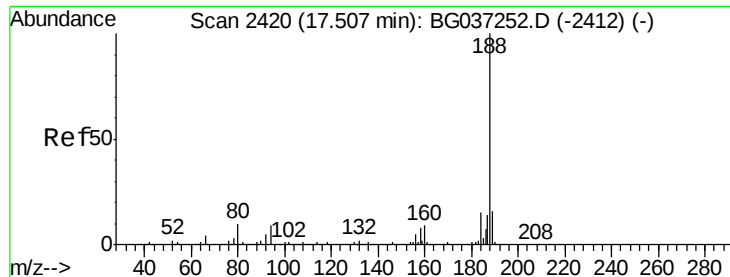
Tgt Ion:165 Resp: 25519
Ion Ratio Lower Upper
165 100
63 1.0 33.4 50.0#
89 2.2 57.2 85.8#
182 0.0 2.6 4.0#



#60
Diethylphthalate
Concen: 8.415 ng
RT: 15.56 min Scan# 2088
Delta R.T. -0.01 min
Lab File: BG037278.D
Acq: 12 Oct 2018 5:49

Tgt Ion:149 Resp: 139647
Ion Ratio Lower Upper
149 100
177 21.6 18.3 27.5
150 12.2 10.0 15.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG037278.D

Acq: 12 Oct 2018 5:49

Instrument :

BNA_G

ClientSampleId :

TW-2

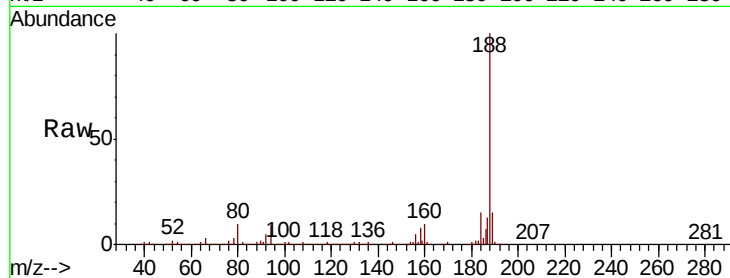
Tgt Ion:188 Resp: 508395

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

80 10.3 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

400000

300000

200000

100000

0

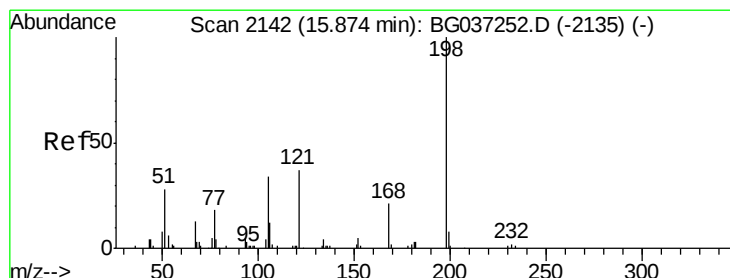
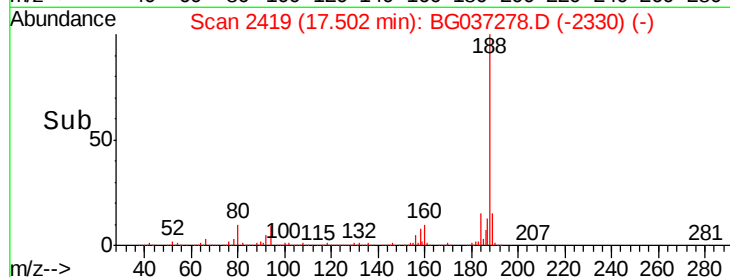
17.50

17.40

17.50

17.60

Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 6.478 ng

RT: 16.24 min Scan# 2204

Delta R.T. 0.37 min

Lab File: BG037278.D

Acq: 12 Oct 2018 5:49

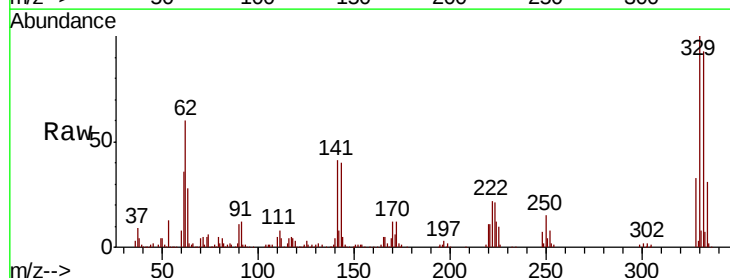
Tgt Ion:198 Resp: 967

Ion Ratio Lower Upper

198 100

51 28.6 22.7 62.7

105 45.1 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

2000

1500

1000

500

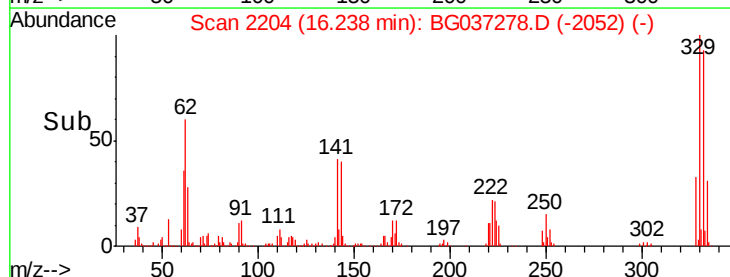
0

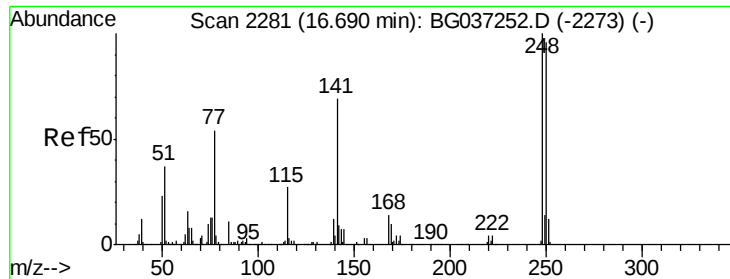
16.24

16.20

16.25

Time-->

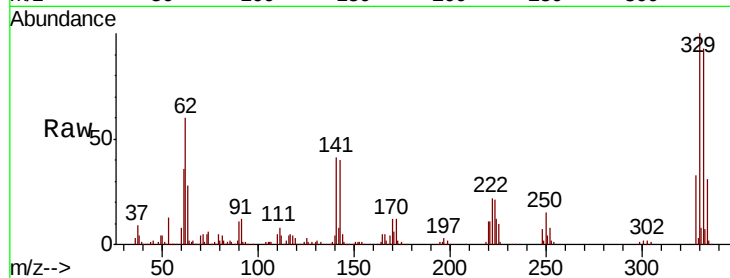




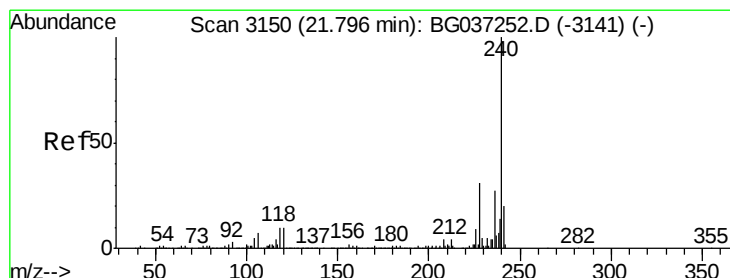
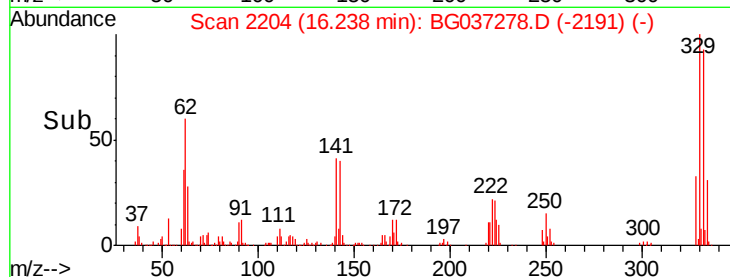
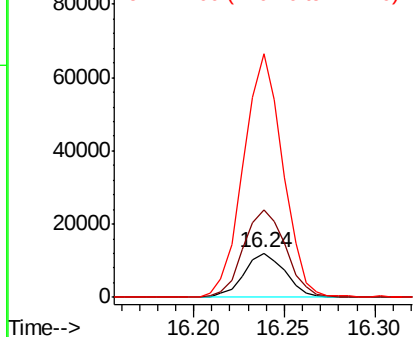
#67
4-Bromophenyl-phenylether
Concen: 3.419 ng
RT: 16.24 min Scan# 2204
Delta R.T. -0.45 min
Lab File: BG037278.D
Acq: 12 Oct 2018 5:49

Instrument :
BNA_G
ClientSampleId :
TW-2

Tgt Ion:248 Resp: 18759
Ion Ratio Lower Upper
248 100
250 196.2 77.0 115.6#
141 419.8 55.5 83.3#

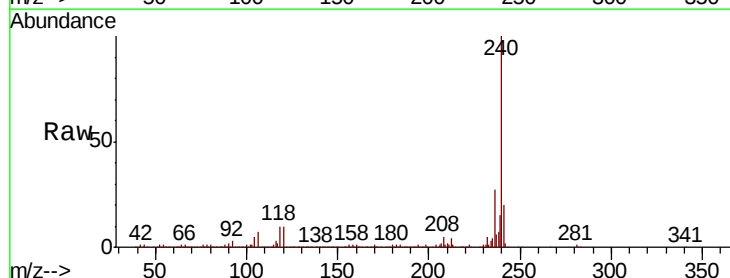


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

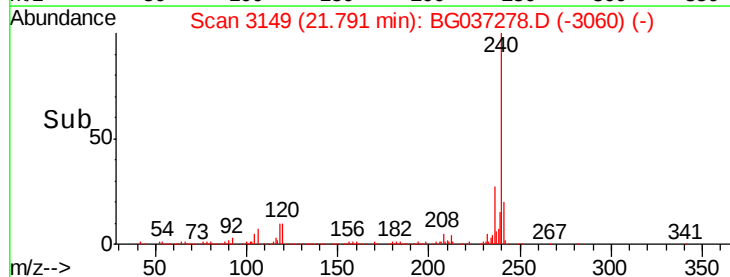
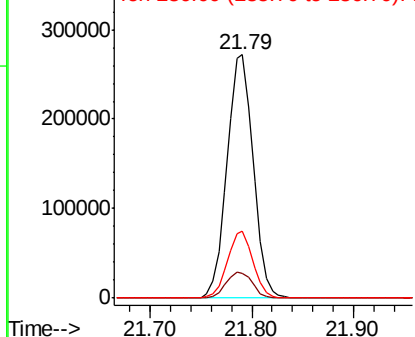


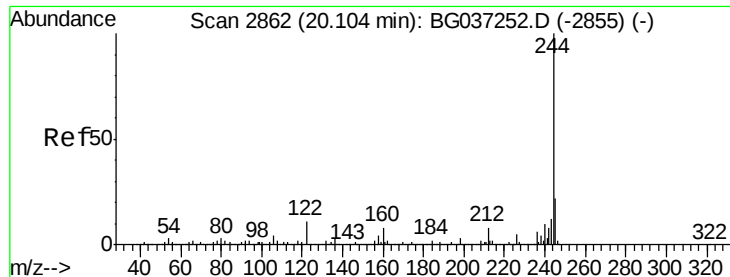
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG037278.D
Acq: 12 Oct 2018 5:49

Tgt Ion:240 Resp: 485633
Ion Ratio Lower Upper
240 100
120 10.2 8.1 12.1
236 27.3 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: 68.212 ng

RT: 20.10 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG037278.D

Acq: 12 Oct 2018 5:49

Instrument :

BNA_G

ClientSampleId :

TW-2

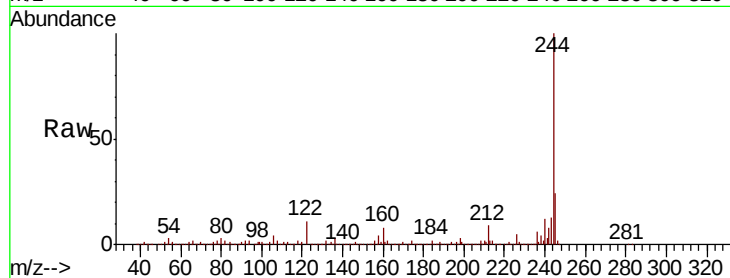
Tgt Ion:244 Resp: 1577625

Ion Ratio Lower Upper

244 100

212 8.7 6.5 9.7

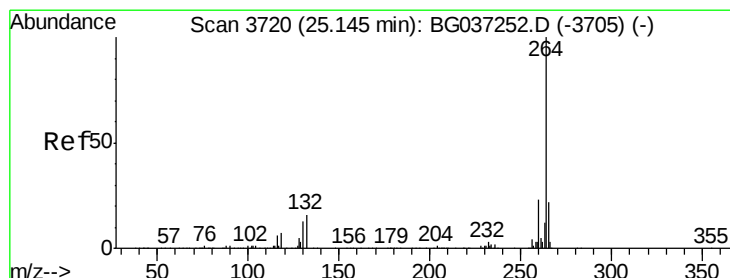
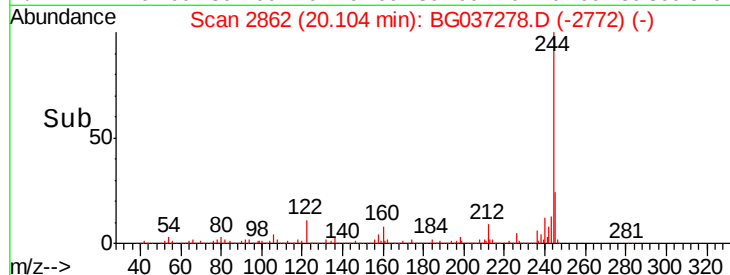
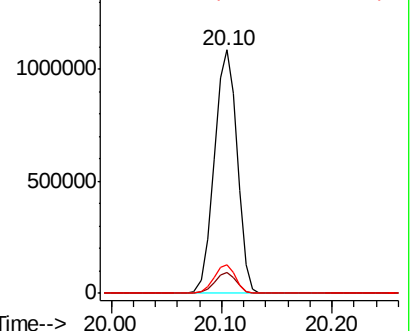
122 11.5 9.0 13.4



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: 25.14 min Scan# 3719

Delta R.T. -0.01 min

Lab File: BG037278.D

Acq: 12 Oct 2018 5:49

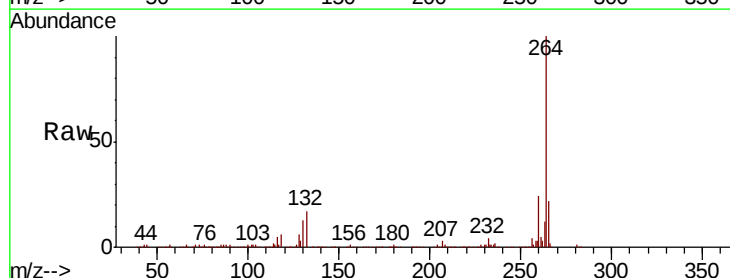
Tgt Ion:264 Resp: 499698

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

265 22.4 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

