

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101118\
 Data File : BG037266.D
 Acq On : 11 Oct 2018 20:37
 Operator : JU/SJ
 Sample : J5302-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-TW-1-(16.5-17)

Quant Time: Oct 12 06:50:52 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	49958	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	218403	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	147526	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	385319	20.00	ng	0.00
76) Chrysene-d12	21.79	240	382622	20.00	ng	-0.01
87) Perylene-d12	25.14	264	383566	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.66	112	305543	107.64	ng	0.00
7) Phenol-d6	7.26	99	448344	104.06	ng	0.00
23) Nitrobenzene-d5	9.29	82	232946	70.12	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	153637	106.19	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	613075	62.41	ng	0.00
79) Terphenyl-d14	20.11	244	1111729	61.01	ng	0.00

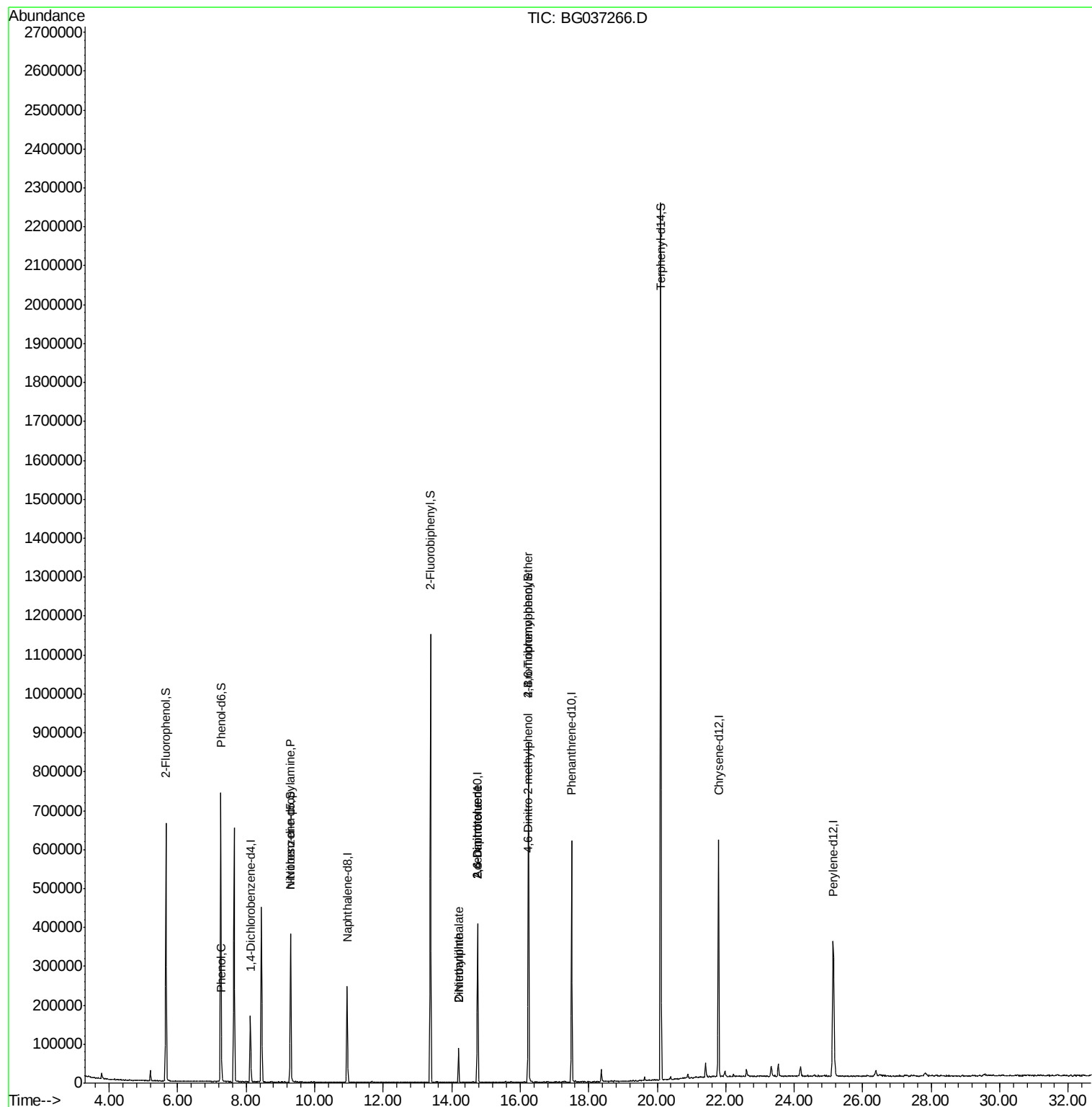
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.28	94	12900	2.843	ng	91
19) n-Nitroso-di-n-propylamine	9.29	70	28579	8.761	ng	# 74
48) 2-Nitroaniline	14.19	65	472	5.922	ng	# 1
50) Dimethylphthalate	14.20	163	59838	5.161	ng	# 96
51) 2,6-Dinitrotoluene	14.75	165	19267	12.509	ng	# 25
57) 2,4-Dinitrotoluene	14.75	165	19267	11.341	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	192	6.085	ng	# 61
67) 4-Bromophenyl-phenylether	16.24	248	11600	2.789	ng	# 1

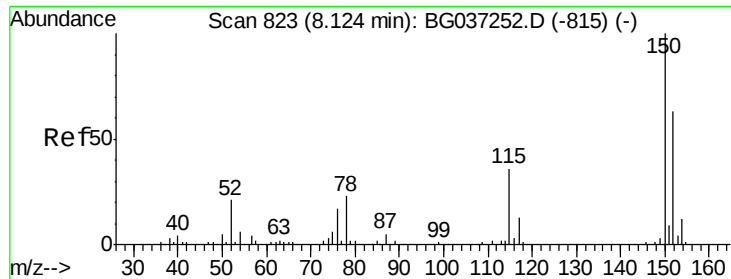
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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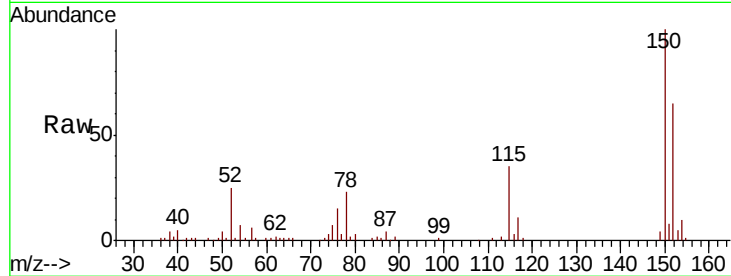


#1

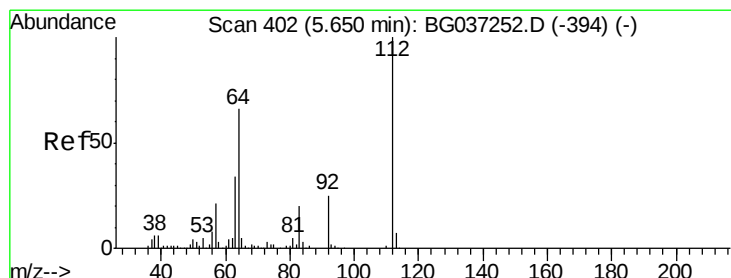
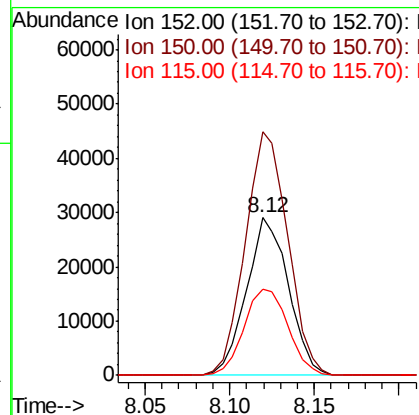
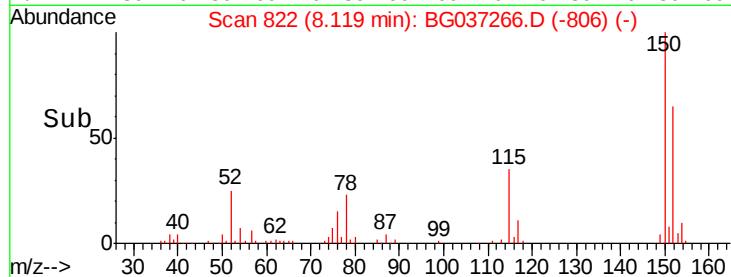
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG037266.D
Acq: 11 Oct 2018 20:37

Instrument :
BNA_G
ClientSampleId :
SB-TW-1-(16.5-17)

Tgt Ion:152 Resp: 49958
Ion Ratio Lower Upper
152 100
150 154.5 126.0 189.0
115 54.8 45.5 68.3



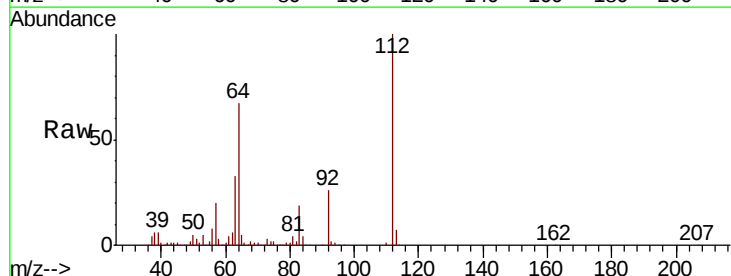
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



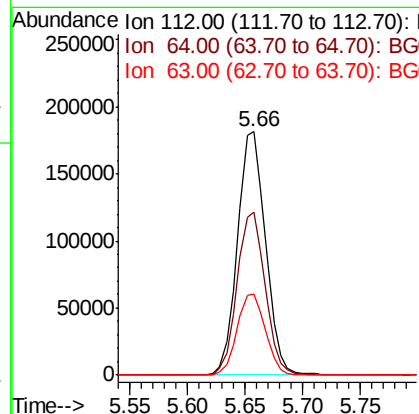
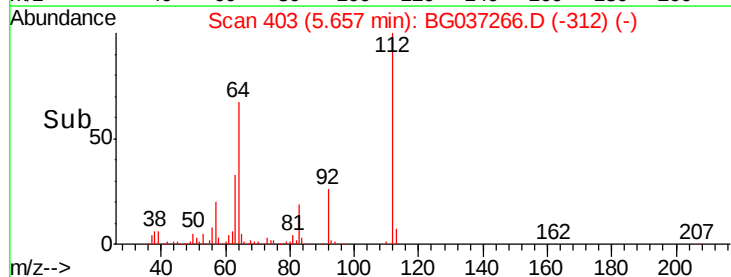
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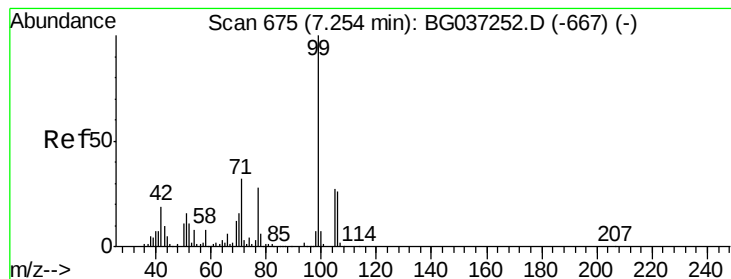
2-Fluorophenol
Concen: 107.636 ng
RT: 5.66 min Scan# 403
Delta R.T. 0.01 min
Lab File: BG037266.D
Acq: 11 Oct 2018 20:37

Tgt Ion:112 Resp: 305543
Ion Ratio Lower Upper
112 100
64 66.8 53.1 79.7
63 33.3 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: 104.057 ng

RT: 7.26 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037266.D

Acq: 11 Oct 2018 20:37

Instrument :

BNA_G

ClientSampleId :

SB-TW-1-(16.5-17)

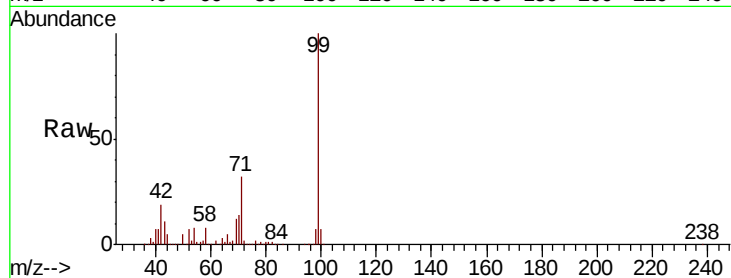
Tgt Ion: 99 Resp: 448344

Ion Ratio Lower Upper

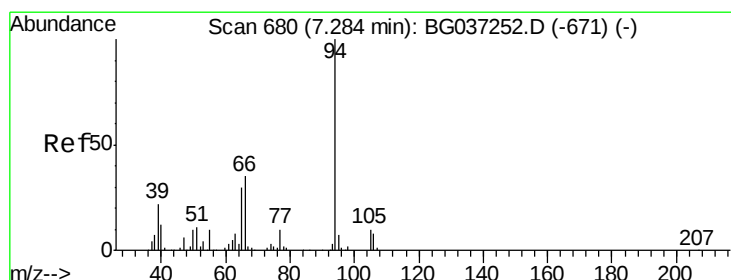
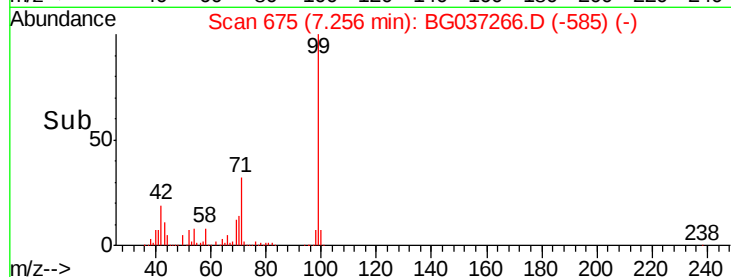
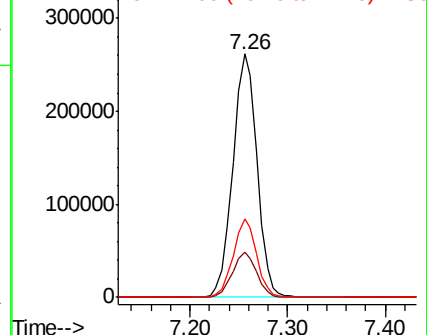
99 100

42 18.8 15.0 22.4

71 32.3 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: 2.843 ng

RT: 7.28 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG037266.D

Acq: 11 Oct 2018 20:37

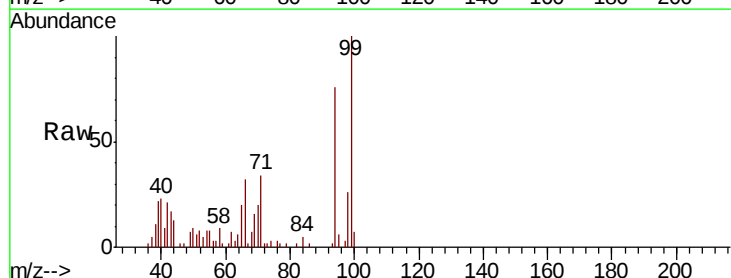
Tgt Ion: 94 Resp: 12900

Ion Ratio Lower Upper

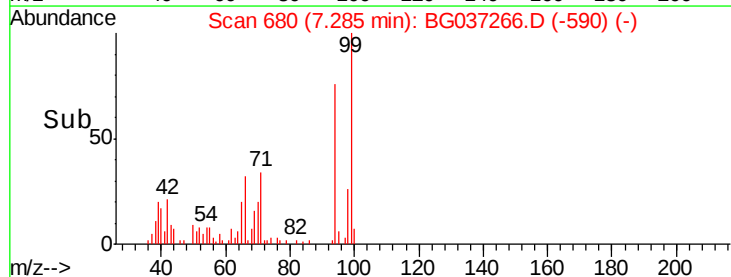
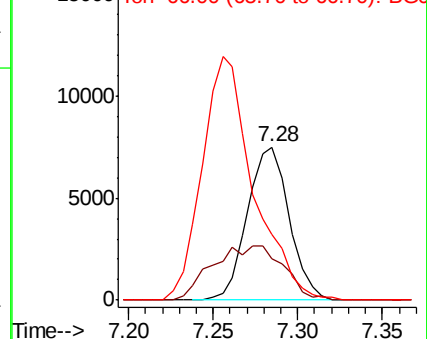
94 100

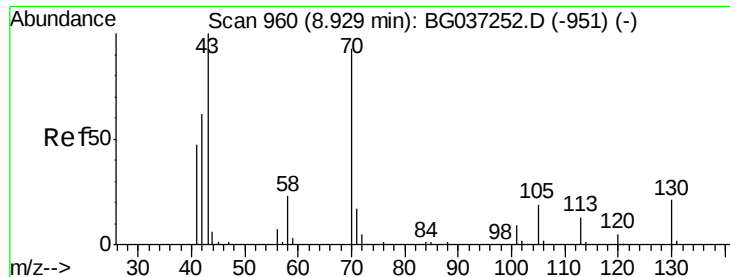
65 26.7 9.7 49.7

66 42.8 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

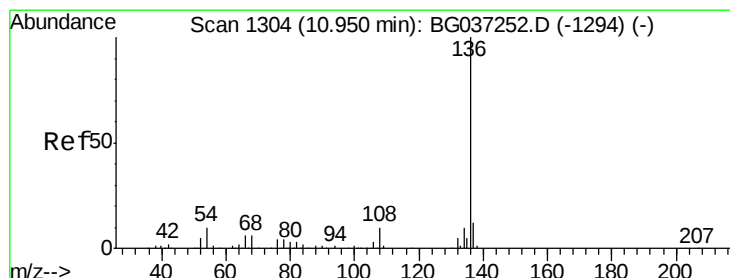
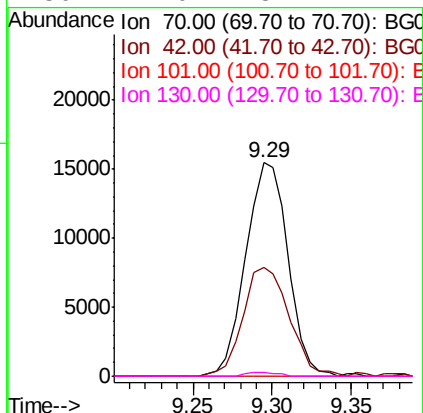
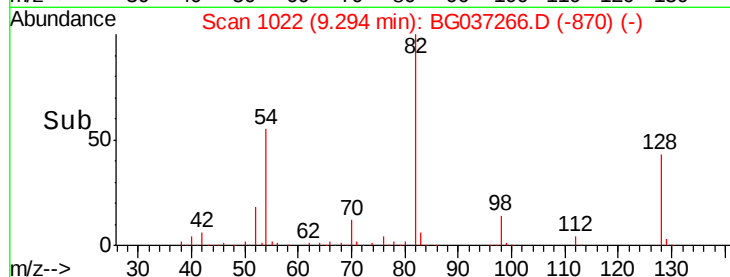
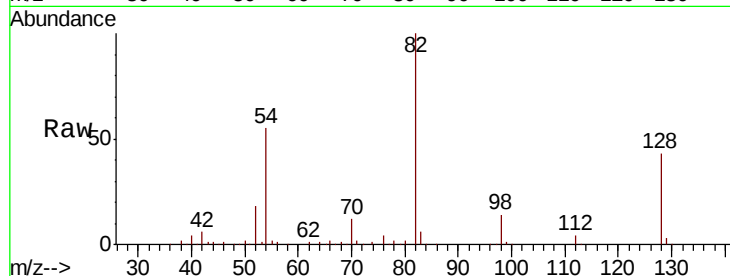




#19
n-Nitroso-di-n-propylamine
Concen: 8.761 ng
RT: 9.29 min Scan# 1022
Delta R.T. 0.37 min
Lab File: BG037266.D
Acq: 11 Oct 2018 20:37

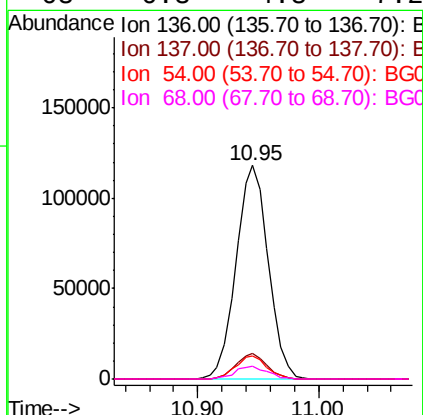
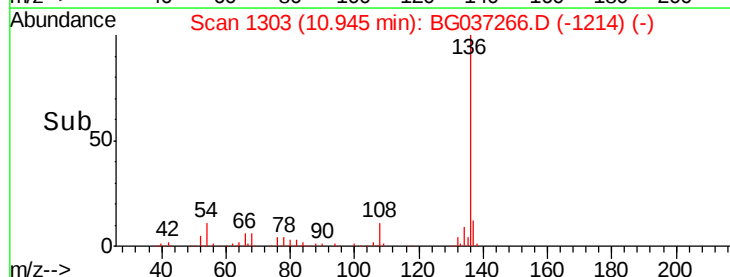
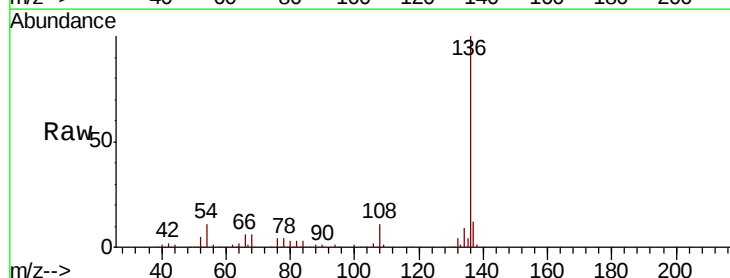
Instrument :
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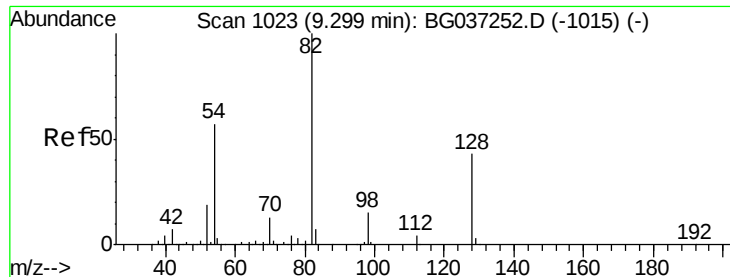
Tgt Ion: 70 Resp: 28579
Ion Ratio Lower Upper
70 100
42 50.9 53.9 80.9#
101 0.0 8.2 12.2#
130 2.0 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BG037266.D
Acq: 11 Oct 2018 20:37

Tgt Ion: 136 Resp: 218403
Ion Ratio Lower Upper
136 100
137 11.8 9.6 14.4
54 11.0 7.9 11.9
68 6.3 4.8 7.2

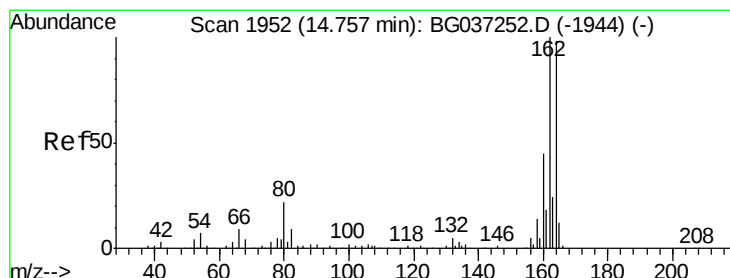
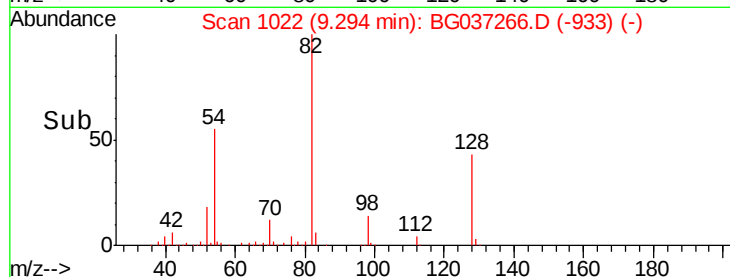
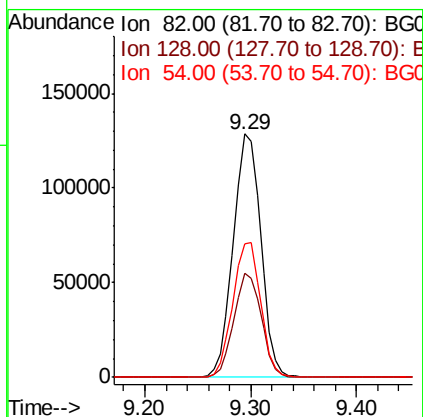
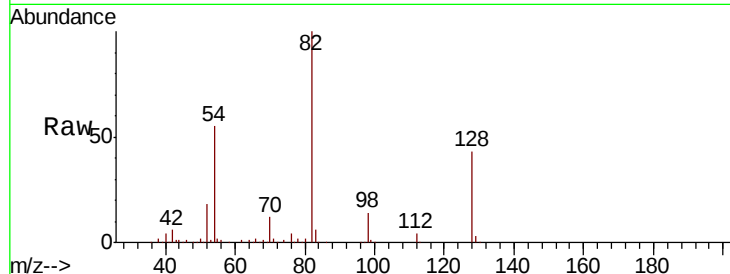




#23
Nitrobenzene-d5
Concen: 70.123 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG037266.D
Acq: 11 Oct 2018 20:37

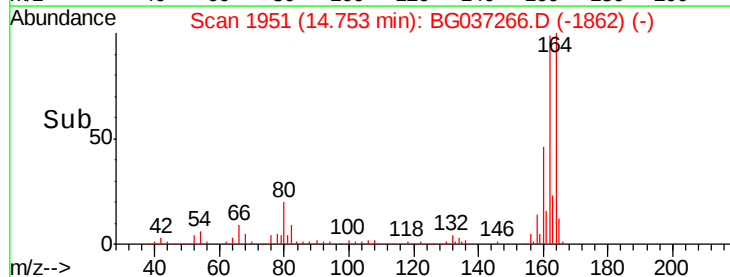
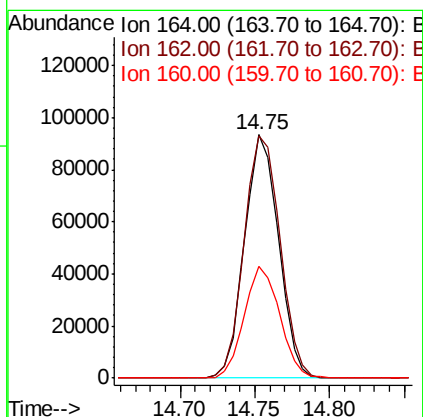
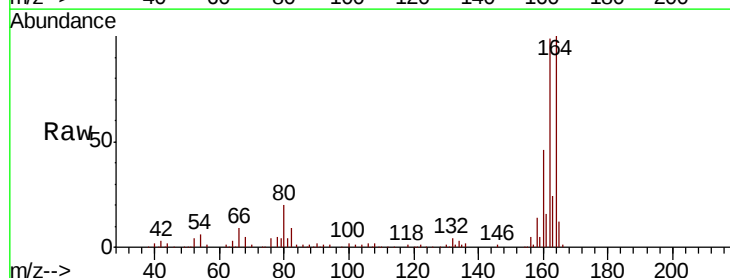
Instrument :
BNA_G
ClientSampleId :
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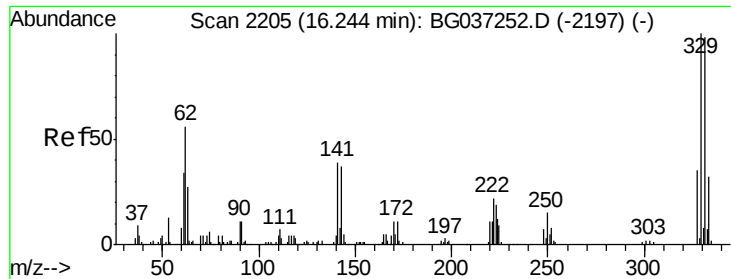
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.6	51.8
54	54.9	45.3	67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG037266.D
Acq: 11 Oct 2018 20:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	81.3	121.9
160	46.0	36.3	54.5

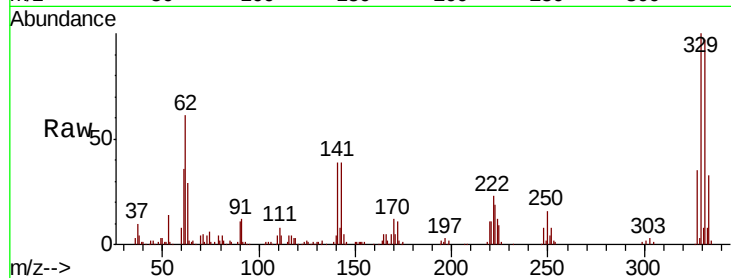




#42
 2,4,6-Tribromophenol
 Concen: 106.190 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BG037266.D
 Acq: 11 Oct 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 SB-TW-1-(16.5-17)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.4	117.6
141	40.2	32.2	48.2

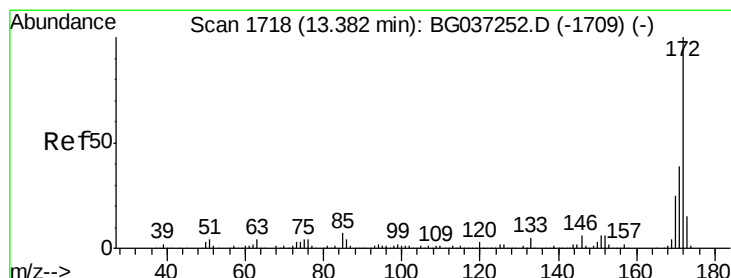
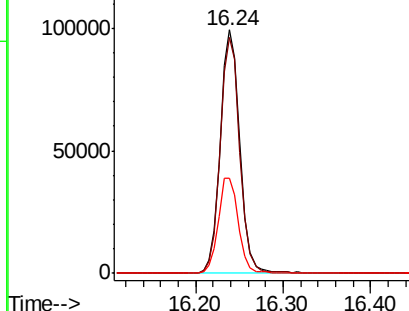
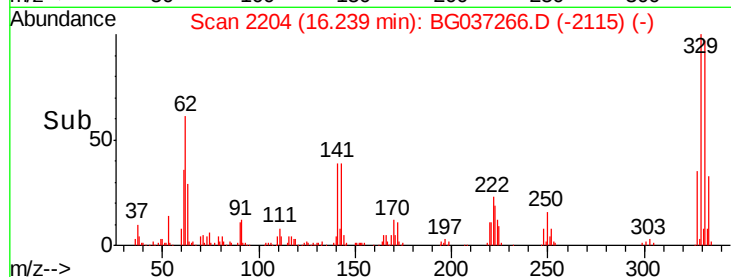


Abundance

Ion 329.80 (329.50 to 330.50): E

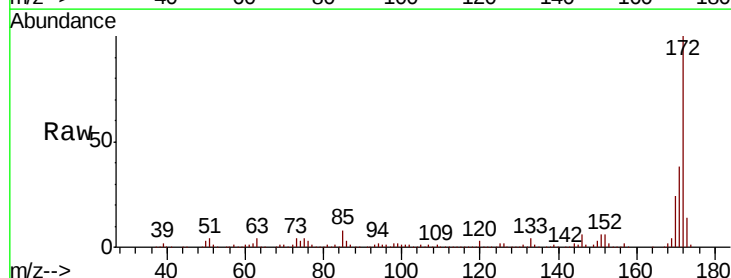
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 62.409 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG037266.D
 Acq: 11 Oct 2018 20:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.0	46.4
170	24.1	20.2	30.2

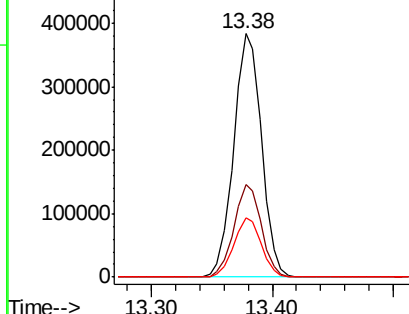
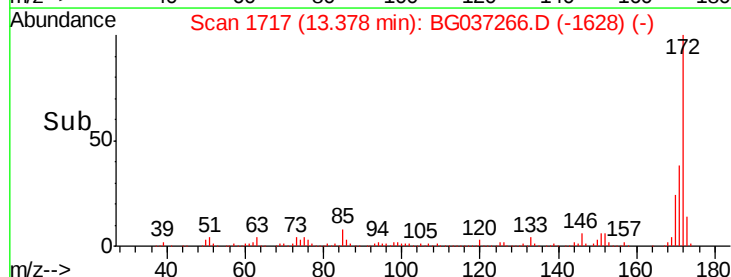


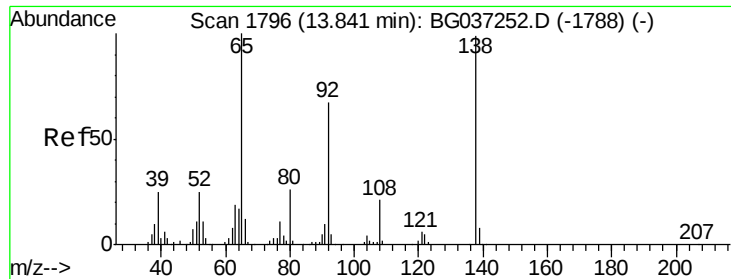
Abundance

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: 5.922 ng

RT: 14.19 min Scan# 1856

Delta R.T. 0.35 min

Lab File: BG037266.D

Acq: 11 Oct 2018 20:37

Instrument :

BNA_G

ClientSampleId :

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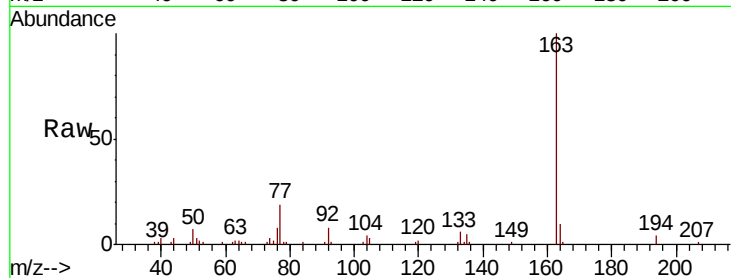
Tgt Ion: 65 Resp: 472

Ion Ratio Lower Upper

65 100

92 723.6 53.2 79.8#

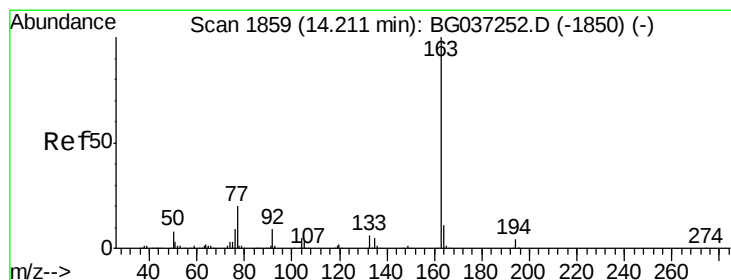
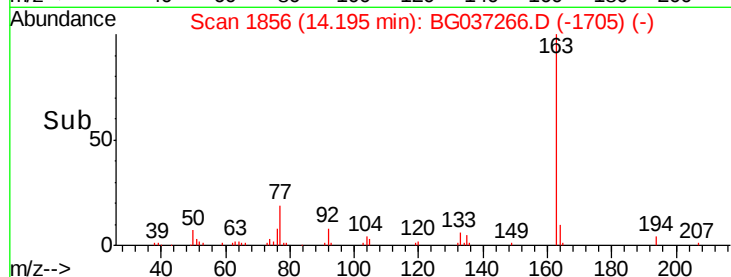
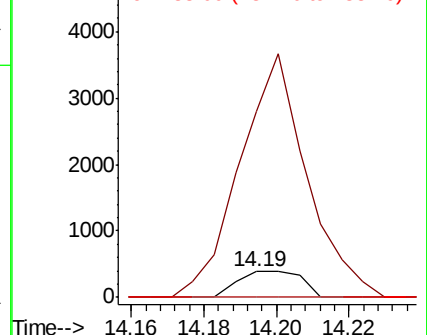
138 0.0 79.3 118.9#



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): BGC



#50

Dimethylphthalate

Concen: 5.161 ng

RT: 14.20 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BG037266.D

Acq: 11 Oct 2018 20:37

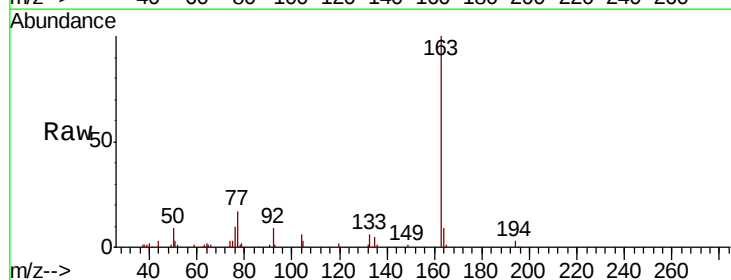
Tgt Ion: 163 Resp: 59838

Ion Ratio Lower Upper

163 100

194 3.5 3.5 5.3#

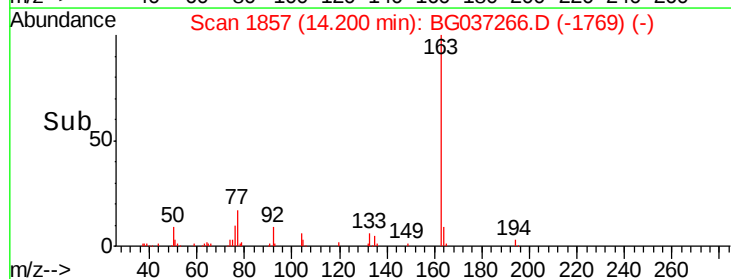
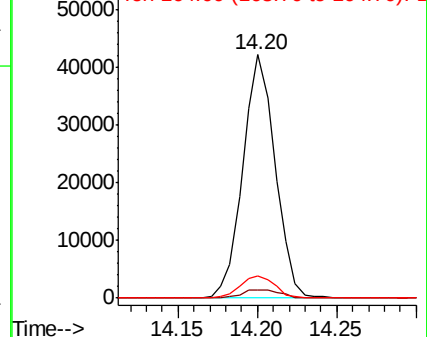
164 8.9 8.5 12.7

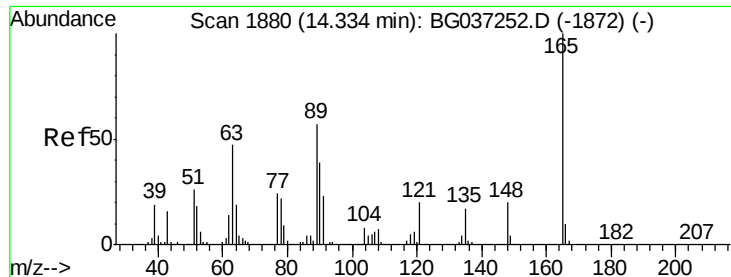


Abundance Ion 163.00 (162.70 to 163.70): BGC

Ion 194.00 (193.70 to 194.70): BGC

Ion 164.00 (163.70 to 164.70): BGC

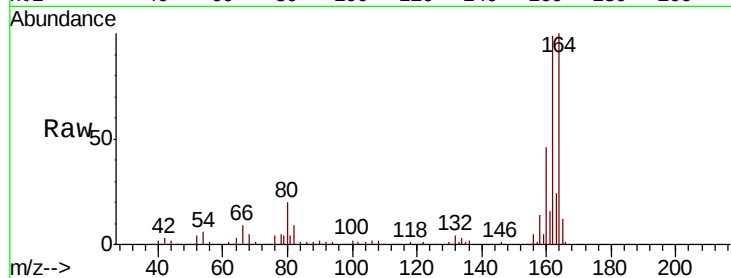




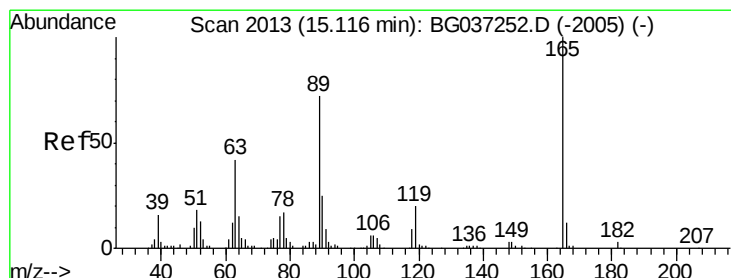
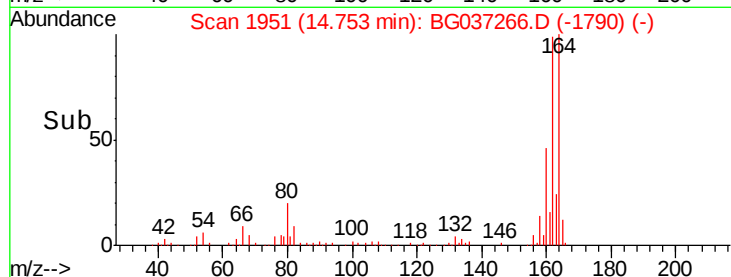
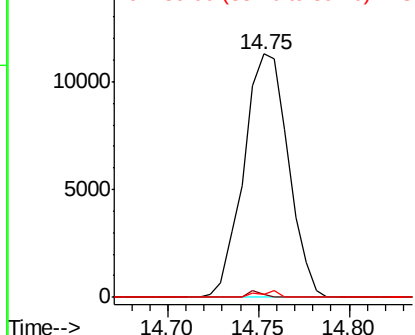
#51
 2,6-Dinitrotoluene
 Concen: 12.509 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. 0.42 min
 Lab File: BG037266.D
 Acq: 11 Oct 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 SB-TW-1-(16.5-17)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	43.4	65.2#
89	1.4	45.8	68.6#

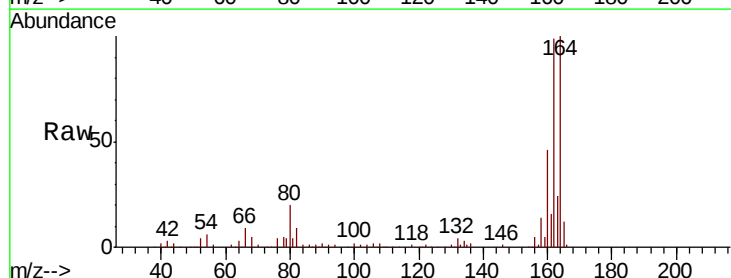


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

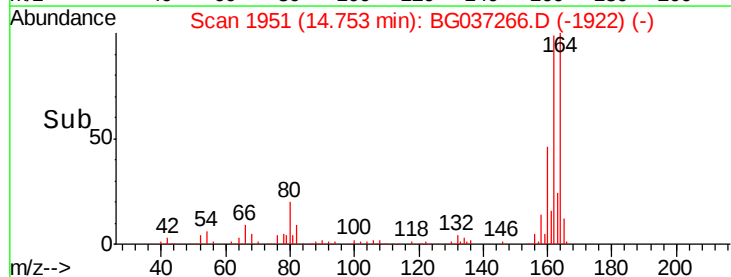
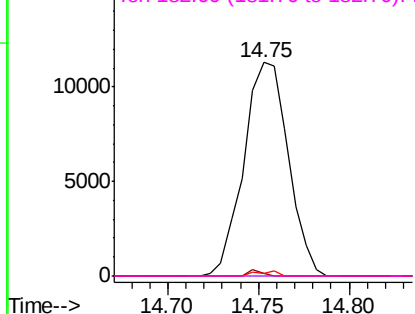


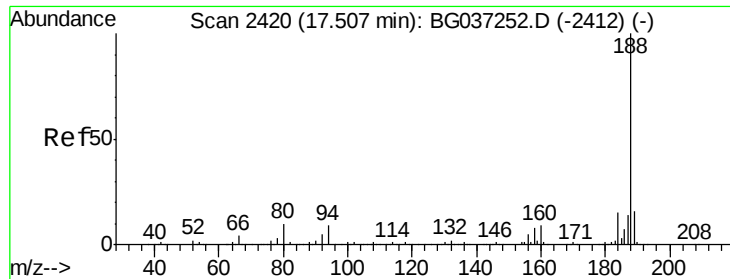
#57
 2,4-Dinitrotoluene
 Concen: 11.341 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. -0.36 min
 Lab File: BG037266.D
 Acq: 11 Oct 2018 20:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	33.4	50.0#
89	1.4	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: 17.50 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG037266.D

Acq: 11 Oct 2018 20:37

Instrument :

BNA_G

ClientSampleId :

SB-TW-1-(16.5-17)

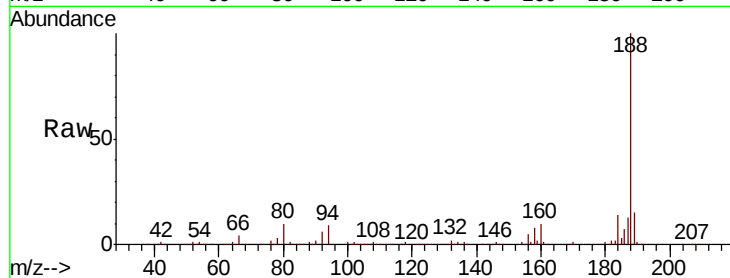
Tgt Ion:188 Resp: 385319

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

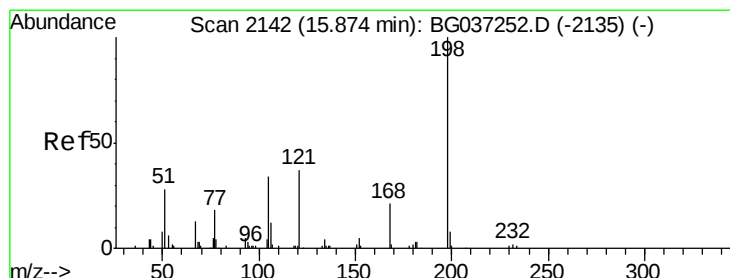
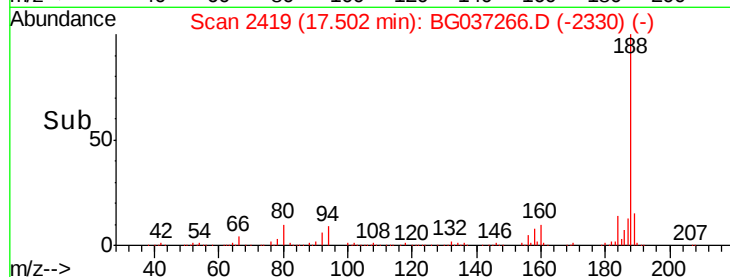
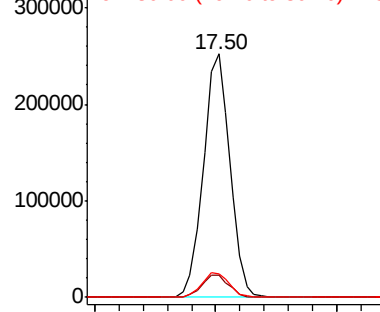
80 9.6 7.7 11.5



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



#65

4,6-Dinitro-2-methylphenol

Concen: 6.085 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.35 min

Lab File: BG037266.D

Acq: 11 Oct 2018 20:37

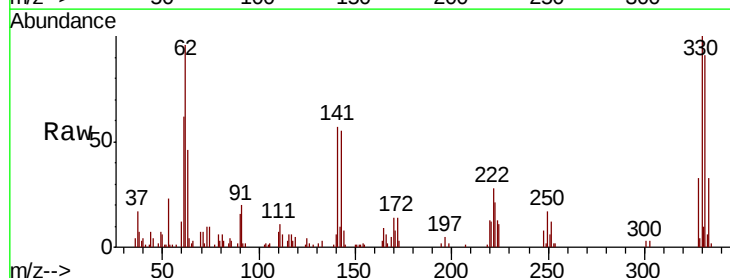
Tgt Ion:198 Resp: 192

Ion Ratio Lower Upper

198 100

51 65.2 22.7 62.7#

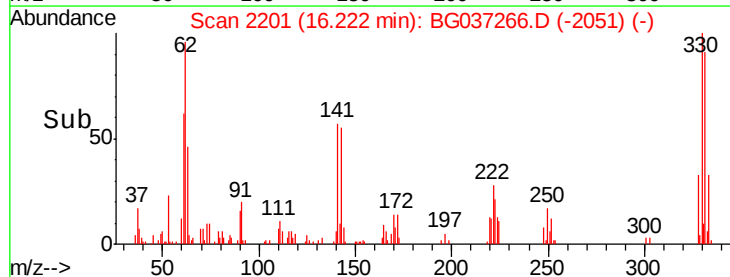
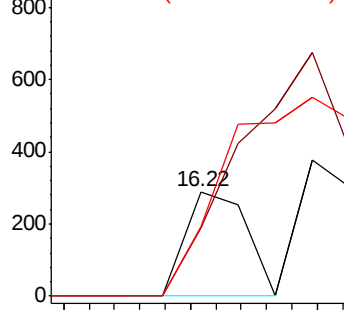
105 66.2 19.7 59.7#

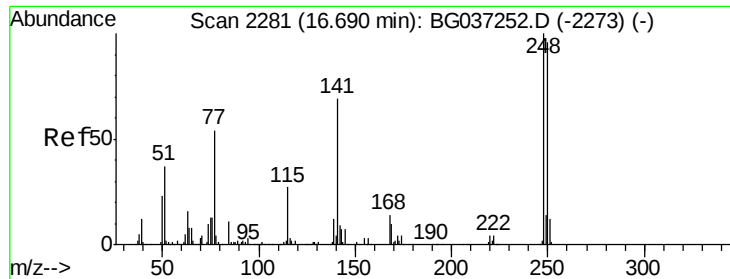


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

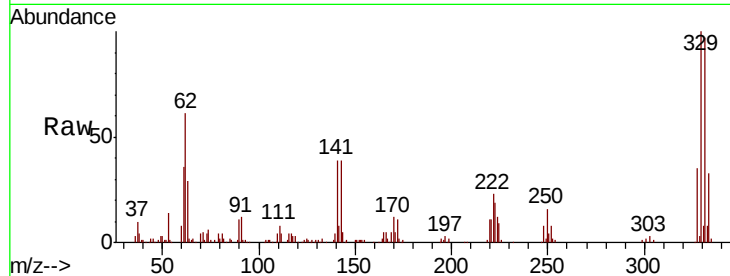




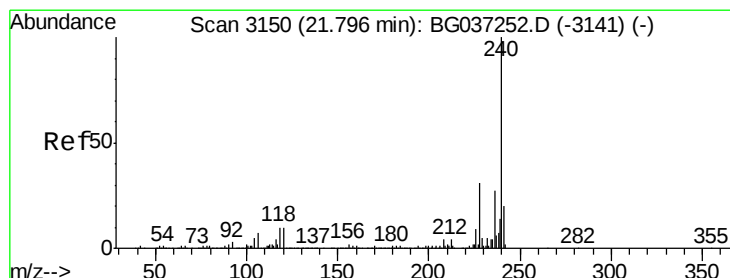
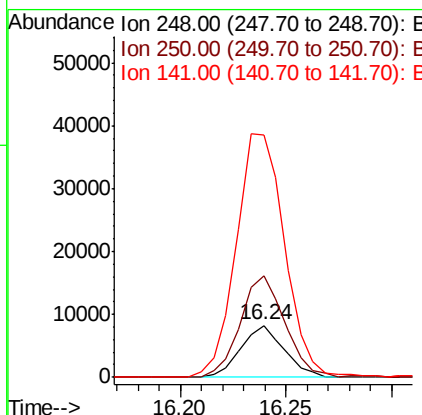
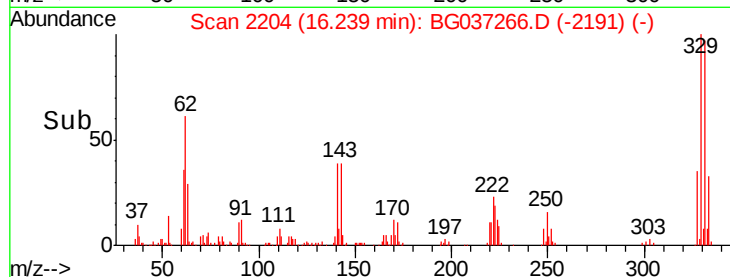
#67
 4-Bromophenyl-phenylether
 Concen: 2.789 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.45 min
 Lab File: BG037266.D
 Acq: 11 Oct 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 SB-TW-1-(16.5-17)

Tgt Ion:248 Resp: 11600
 Ion Ratio Lower Upper
 248 100
 250 244.5 77.0 115.6#
 141 470.2 55.5 83.3#

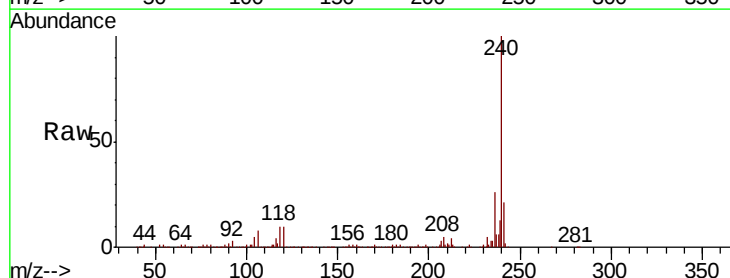


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

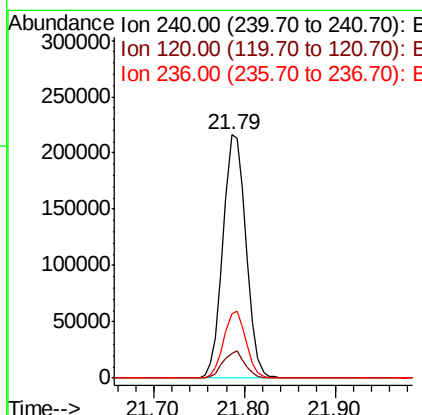
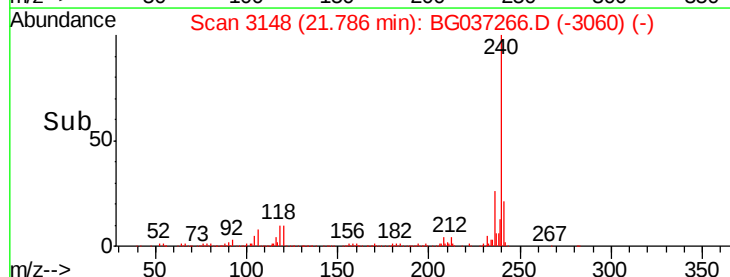


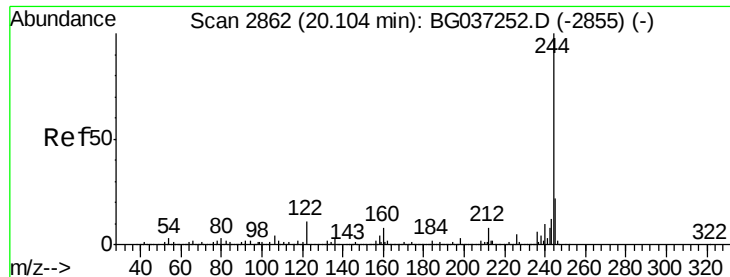
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.79 min Scan# 3148
 Delta R.T. -0.01 min
 Lab File: BG037266.D
 Acq: 11 Oct 2018 20:37

Tgt Ion:240 Resp: 382622
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.1 12.1
 236 26.4 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: 61.009 ng

RT: 20.11 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG037266.D

Acq: 11 Oct 2018 20:37

Instrument :

BNA_G

ClientSampleId :

SB-TW-1-(16.5-17)

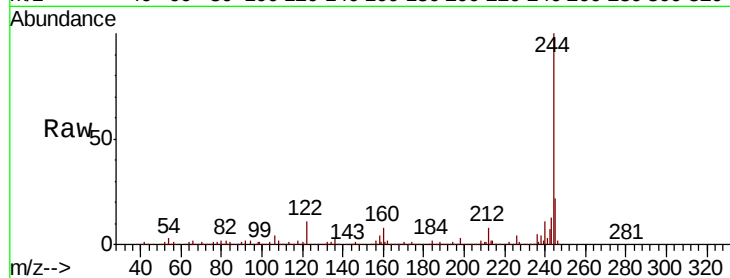
Tgt Ion:244 Resp: 1111729

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

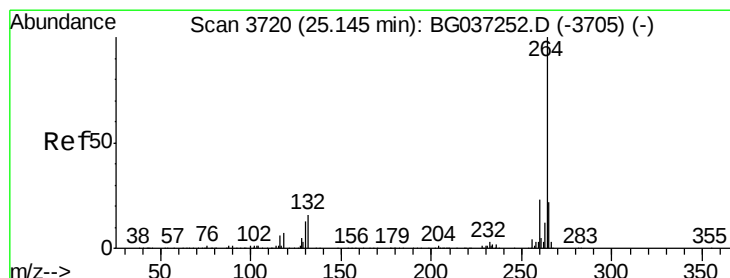
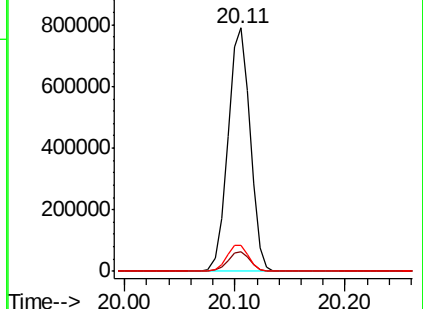
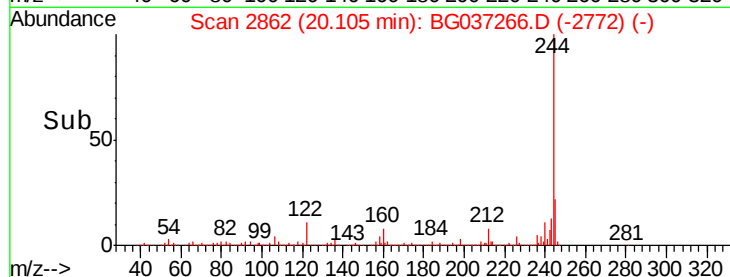
122 10.9 9.0 13.4



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: 25.14 min Scan# 3719

Delta R.T. -0.00 min

Lab File: BG037266.D

Acq: 11 Oct 2018 20:37

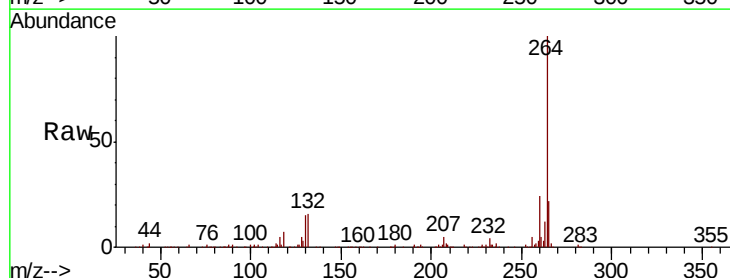
Tgt Ion:264 Resp: 383566

Ion Ratio Lower Upper

264 100

260 24.2 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

