

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101718\
 Data File : BG037403.D
 Acq On : 17 Oct 2018 23:22
 Operator : JU/SJ
 Sample : J5541-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 101518-SIDI-E-D-M

Quant Time: Oct 18 11:45:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 15:19:35 2018
 Response via : Initial Calibration

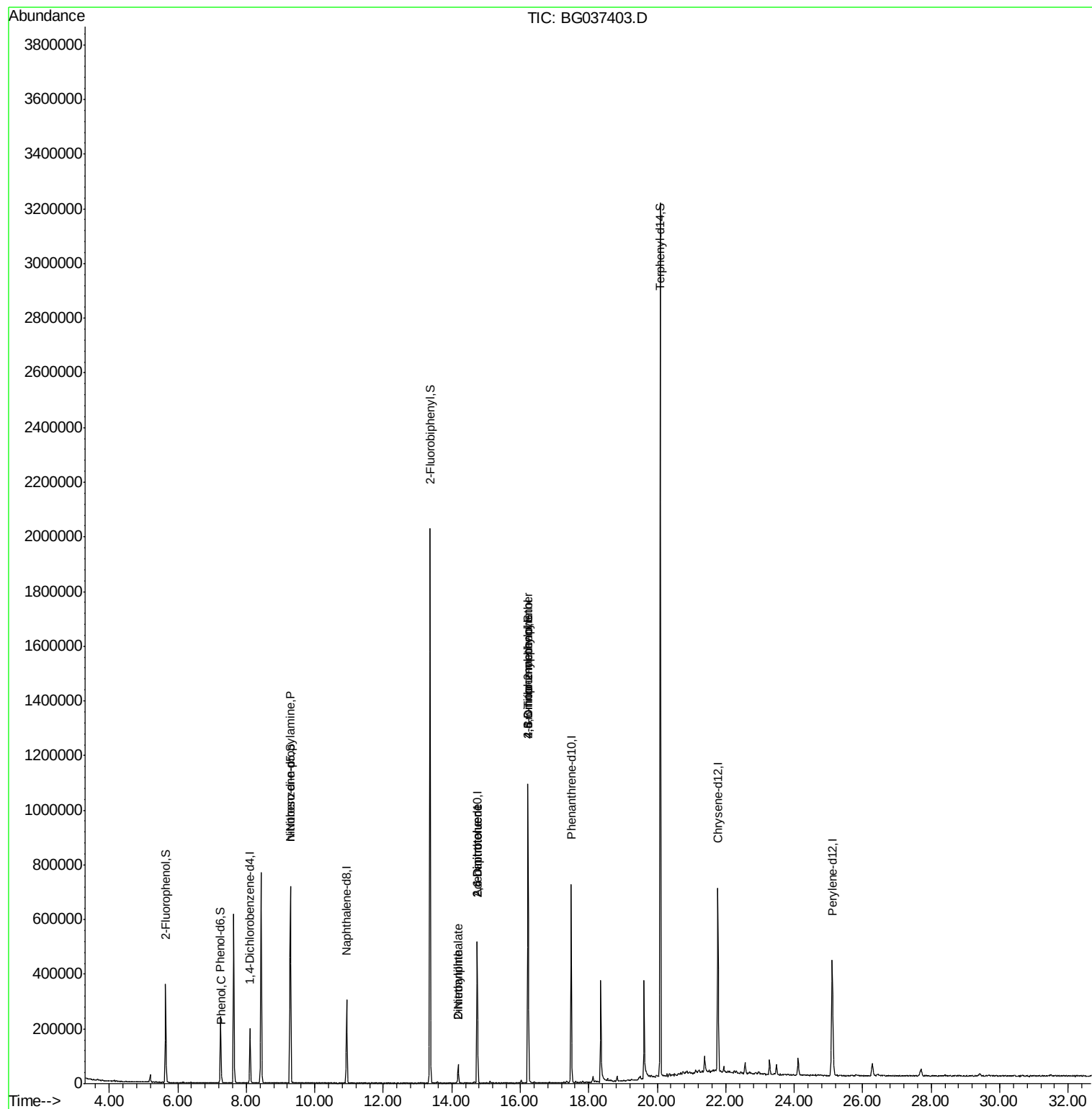
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	58964	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	274135	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	187339	20.00	ng	-0.02
64) Phenanthrene-d10	17.49	188	454466	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	407201	20.00	ng	-0.02
87) Perylene-d12	25.11	264	419982	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	172582	51.51	ng	0.00
7) Phenol-d6	7.25	99	154208	30.32	ng	0.00
23) Nitrobenzene-d5	9.29	82	444095	106.51	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	195363	106.33	ng	-0.02
45) 2-Fluorobiphenyl	13.36	172	1098377	88.05	ng	-0.02
79) Terphenyl-d14	20.09	244	1565253	80.71	ng	-0.01
Target Compounds						
10) Phenol	7.28	94	15456	2.886	ng	93
19) n-Nitroso-di-n-propylamine	9.29	70	57107	14.832	ng	# 71
48) 2-Nitroaniline	14.19	65	535	5.904	ng	# 1
50) Dimethylphthalate	14.19	163	49001	3.328	ng	100
51) 2,6-Dinitrotoluene	14.74	165	24560	12.538	ng	# 24
57) 2,4-Dinitrotoluene	14.74	165	24560	11.364	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.23	198	804	6.441	ng	# 1
67) 4-Bromophenyl-phenylether	16.23	248	14057	2.866	ng	# 1

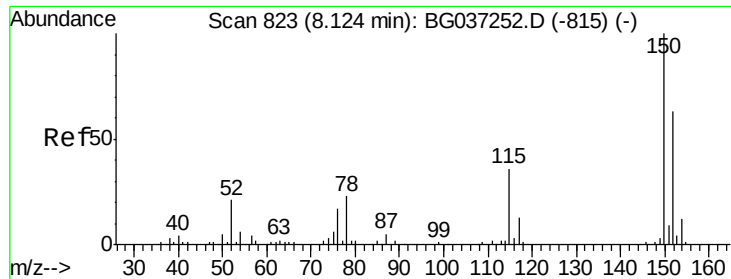
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101718\
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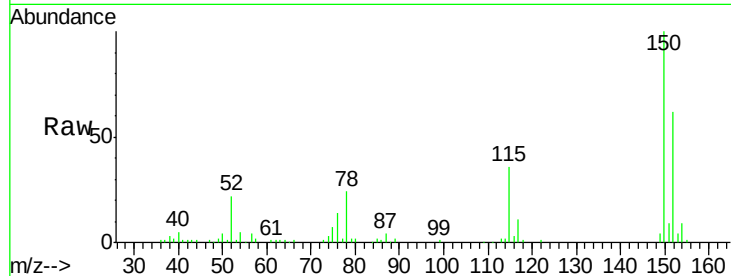




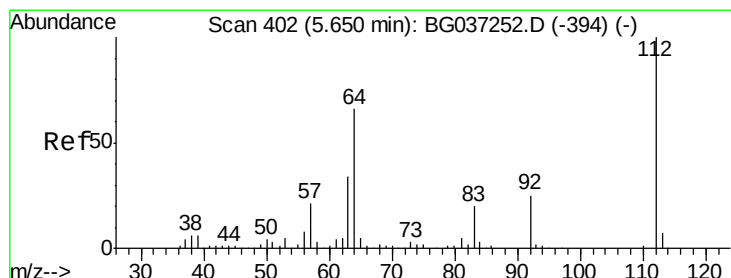
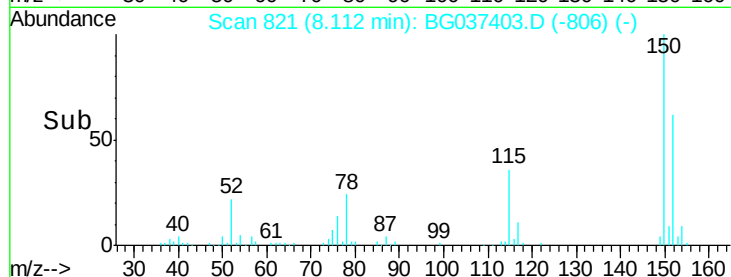
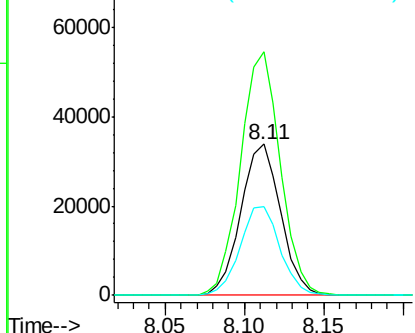
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG037403.D
 Acq: 17 Oct 2018 23:22

Instrument :
 BNA_G
 ClientSampleId :
 101518-SIDI-E-D-M

Tgt Ion:152 Resp: 58964
 Ion Ratio Lower Upper
 152 100
 150 161.2 126.0 189.0
 115 58.8 45.5 68.3

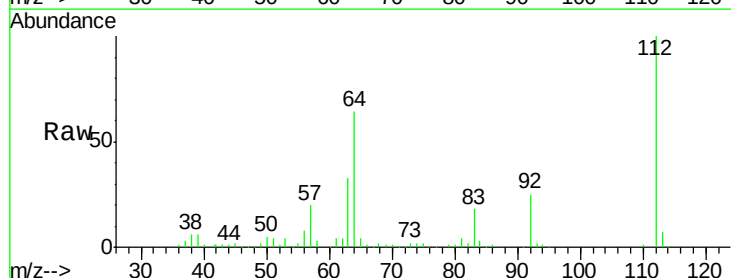


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

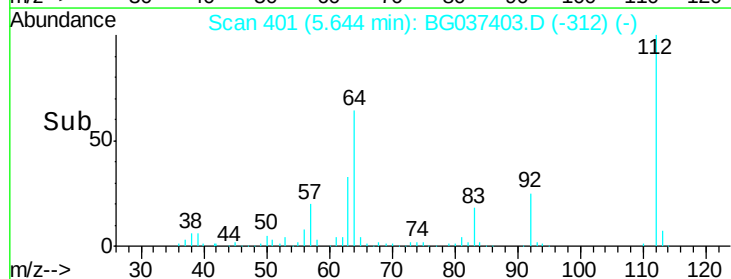
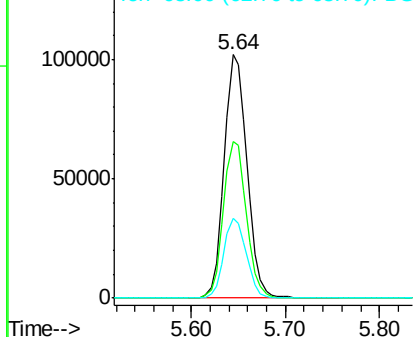


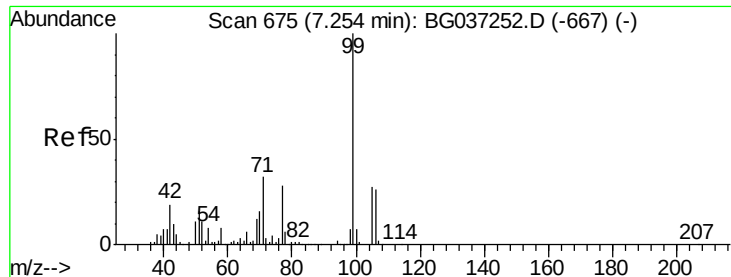
#5
 2-Fluorophenol
 Concen: 51.511 ng
 RT: 5.64 min Scan# 401
 Delta R.T. -0.01 min
 Lab File: BG037403.D
 Acq: 17 Oct 2018 23:22

Tgt Ion:112 Resp: 172582
 Ion Ratio Lower Upper
 112 100
 64 64.1 53.1 79.7
 63 32.8 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: 30.324 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG037403.D

Acq: 17 Oct 2018 23:22

Instrument :

BNA_G

ClientSampleId :

101518-SIDI-E-D-M

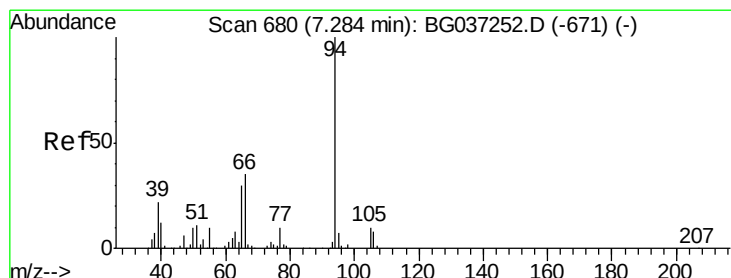
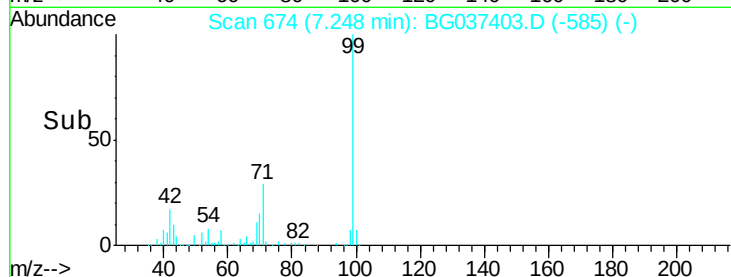
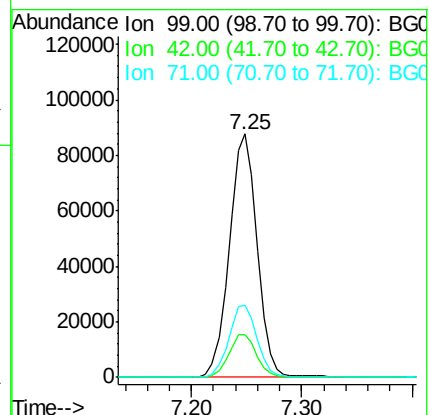
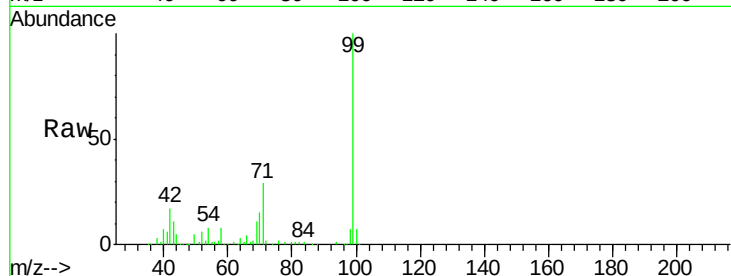
Tgt Ion: 99 Resp: 154208

Ion Ratio Lower Upper

99 100

42 17.3 15.0 22.4

71 29.5 25.5 38.3



#10

Phenol

Concen: 2.886 ng

RT: 7.28 min Scan# 679

Delta R.T. -0.01 min

Lab File: BG037403.D

Acq: 17 Oct 2018 23:22

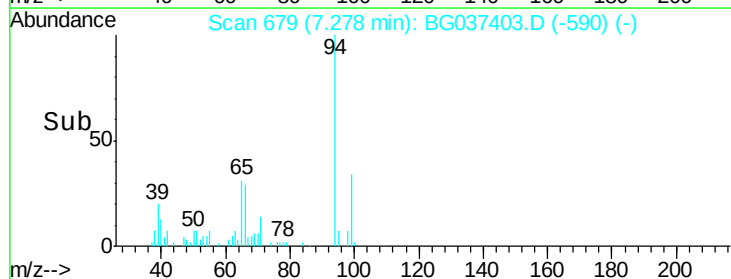
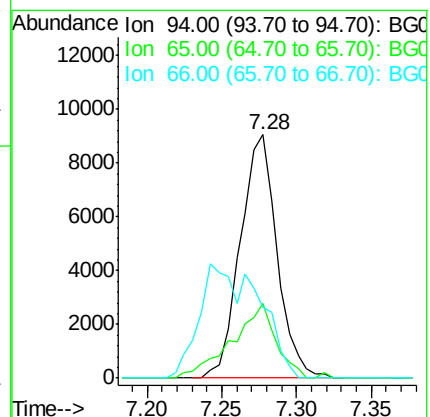
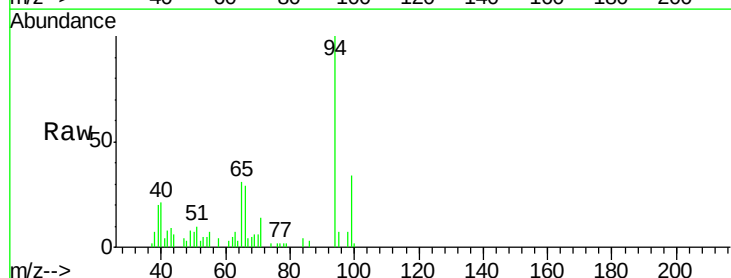
Tgt Ion: 94 Resp: 15456

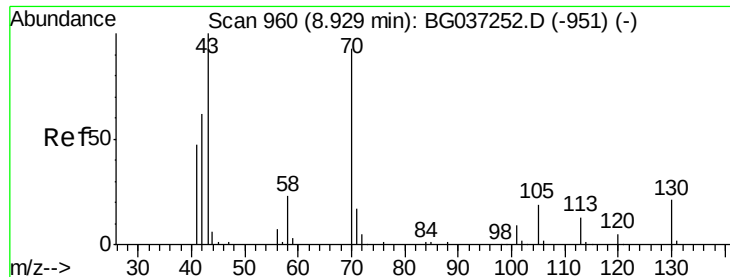
Ion Ratio Lower Upper

94 100

65 30.7 9.7 49.7

66 28.9 15.9 55.9

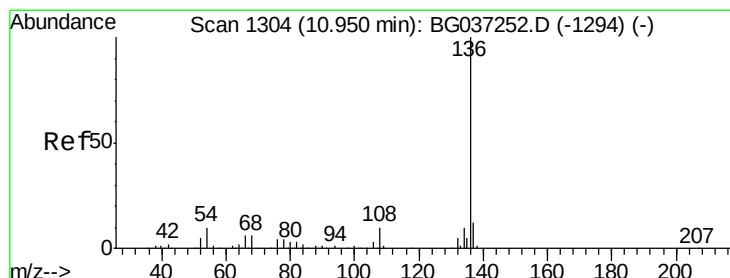
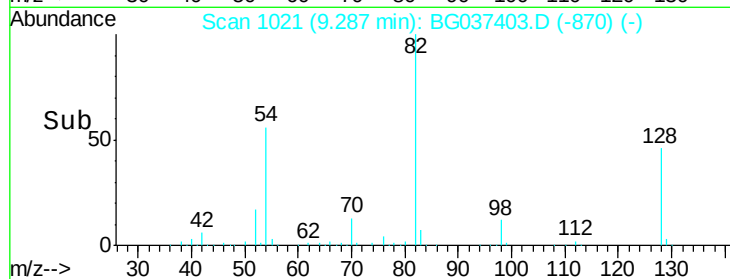
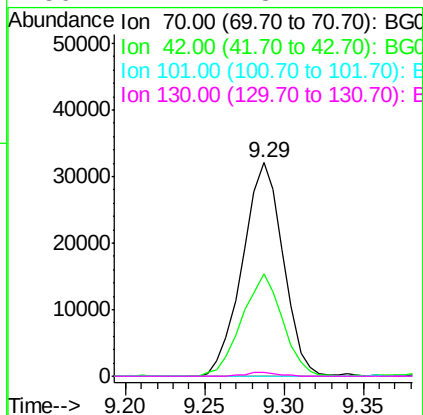
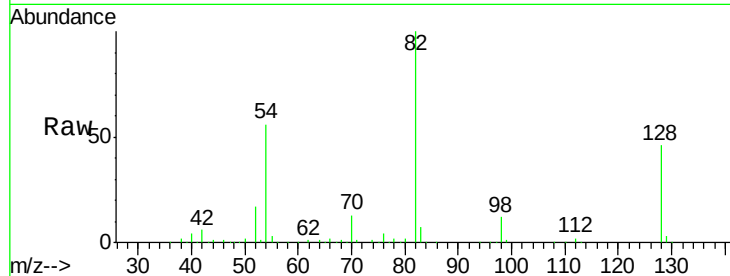




#19
n-Nitroso-di-n-propylamine
Concen: 14.832 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.36 min
Lab File: BG037403.D
Acq: 17 Oct 2018 23:22

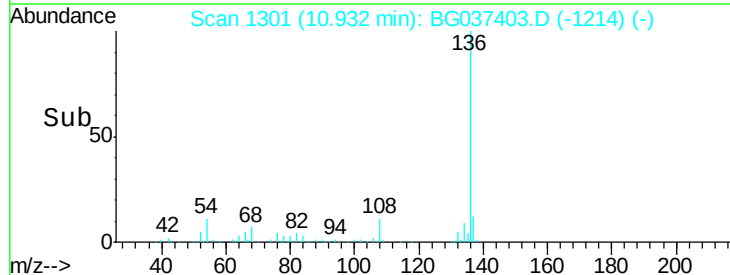
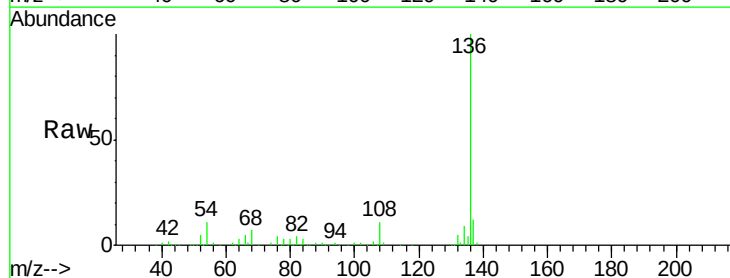
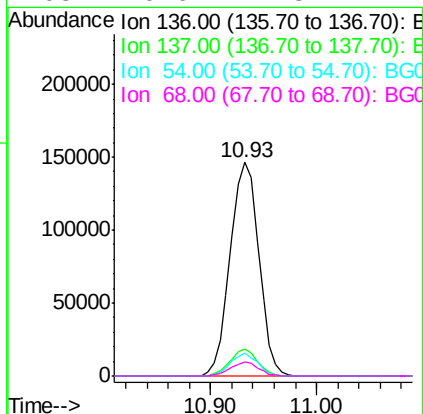
Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-D-M

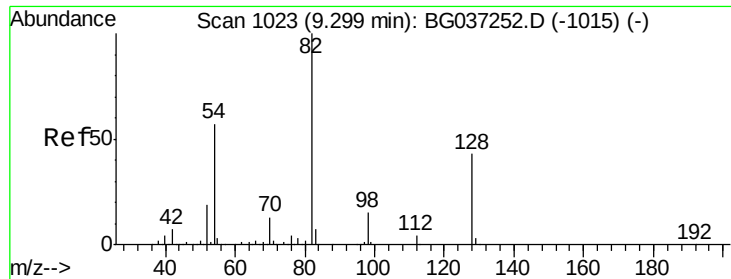
Tgt Ion: 70 Resp: 57107
Ion Ratio Lower Upper
70 100
42 48.2 53.9 80.9#
101 0.0 8.2 12.2#
130 2.1 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037403.D
Acq: 17 Oct 2018 23:22

Tgt Ion: 136 Resp: 274135
Ion Ratio Lower Upper
136 100
137 12.3 9.6 14.4
54 10.8 7.9 11.9
68 6.6 4.8 7.2

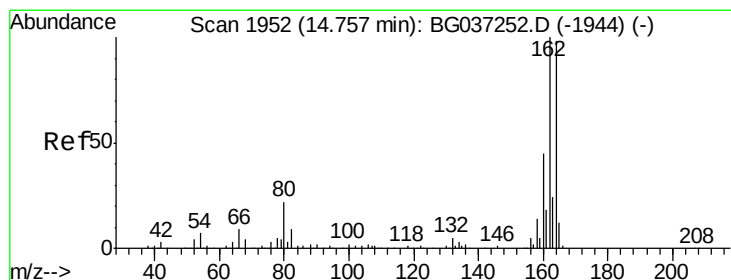
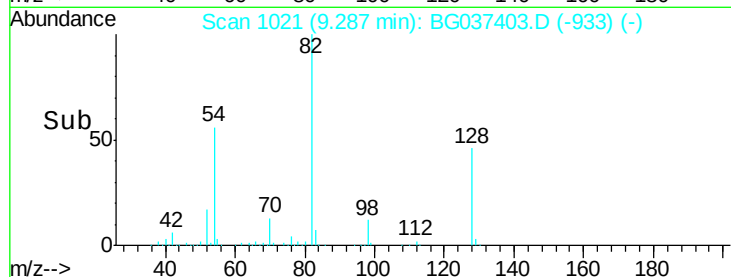
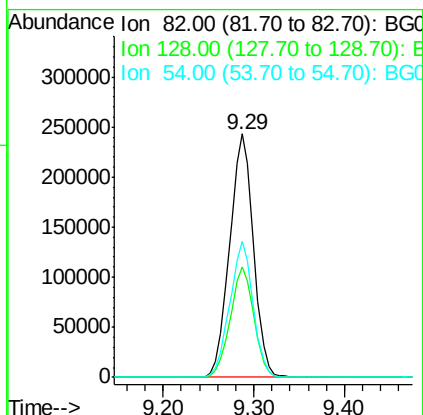
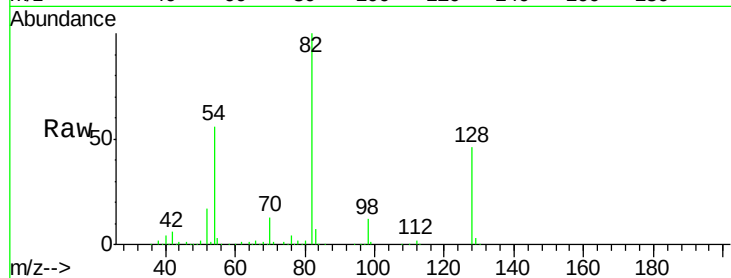




#23
Nitrobenzene-d5
Concen: 106.506 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037403.D
Acq: 17 Oct 2018 23:22

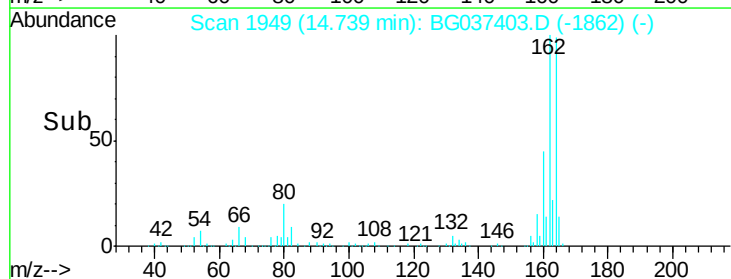
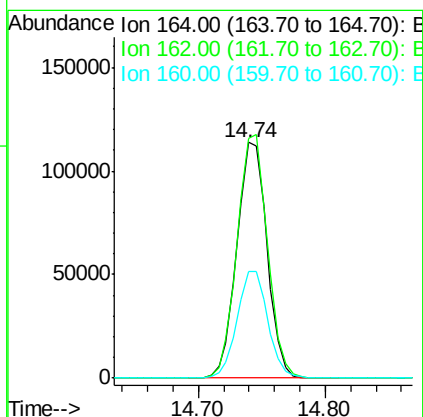
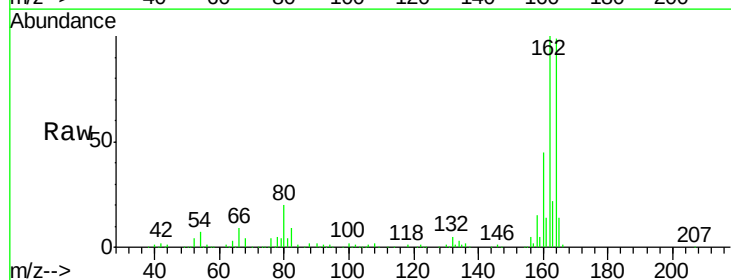
Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-D-M

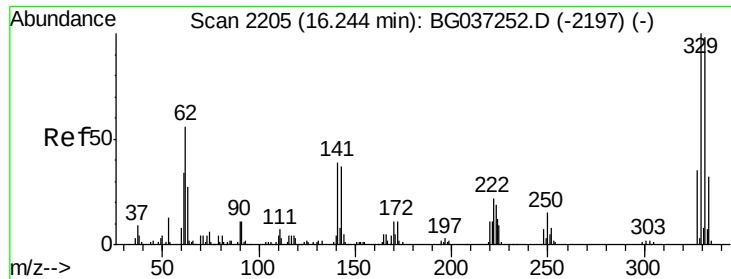
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.6	51.8
54	55.9	45.3	67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.02 min
Lab File: BG037403.D
Acq: 17 Oct 2018 23:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.3	121.9
160	45.4	36.3	54.5

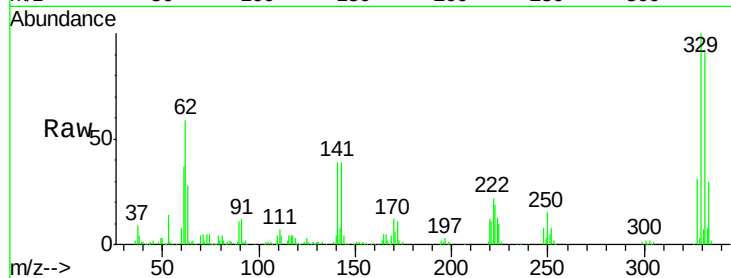




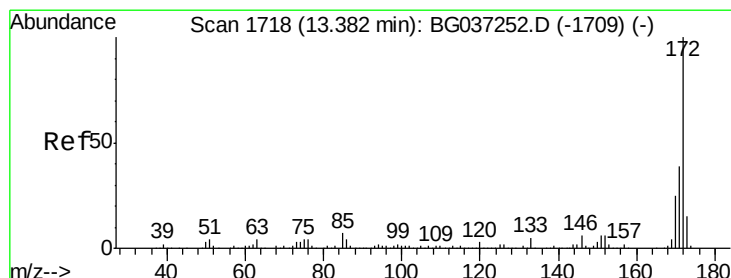
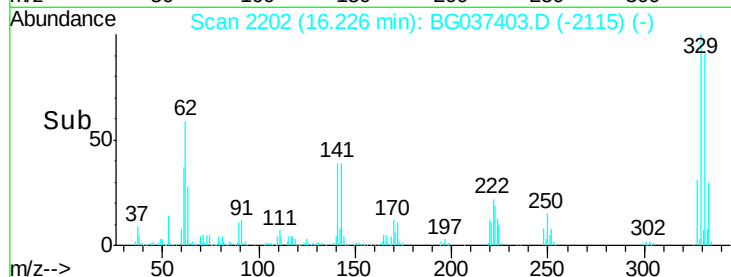
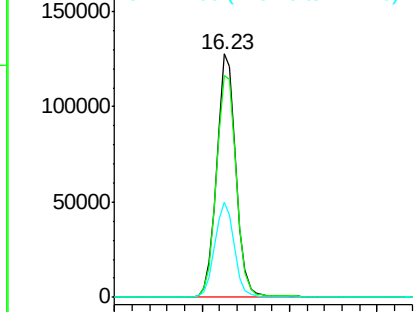
#42
 2,4,6-Tribromophenol
 Concen: 106.333 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG037403.D
 Acq: 17 Oct 2018 23:22

Instrument :
 BNA_G
 ClientSampleId :
 101518-SIDI-E-D-M

Tgt Ion:330 Resp: 195363
 Ion Ratio Lower Upper
 330 100
 332 95.5 78.4 117.6
 141 39.1 32.2 48.2

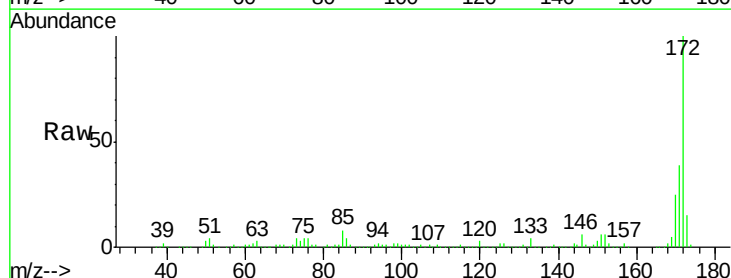


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

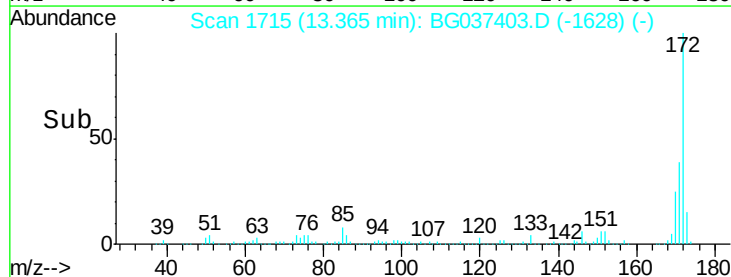
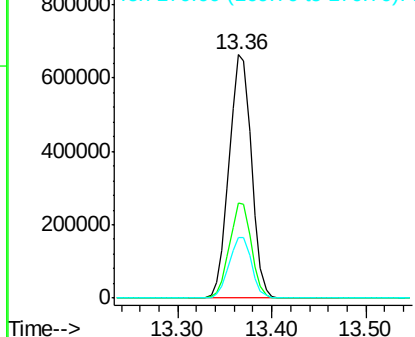


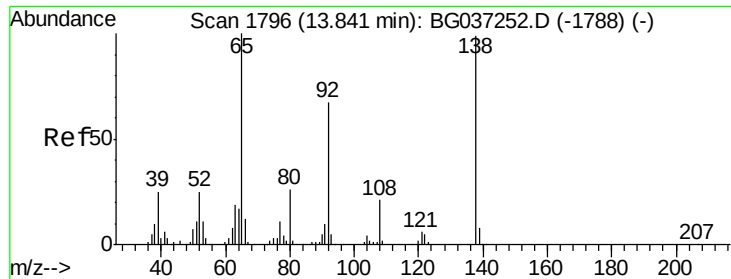
#45
 2-Fluorobiphenyl
 Concen: 88.049 ng
 RT: 13.36 min Scan# 1715
 Delta R.T. -0.02 min
 Lab File: BG037403.D
 Acq: 17 Oct 2018 23:22

Tgt Ion:172 Resp: 1098377
 Ion Ratio Lower Upper
 172 100
 171 38.9 31.0 46.4
 170 25.1 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: 5.904 ng

RT: 14.19 min Scan# 1855

Delta R.T. 0.35 min

Lab File: BG037403.D

Acq: 17 Oct 2018 23:22

Instrument :

BNA_G

ClientSampleId :

101518-SIDI-E-D-M

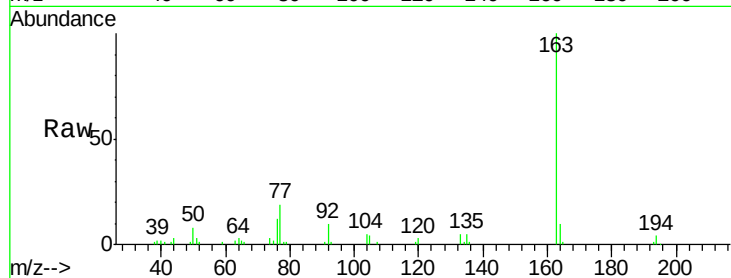
Tgt Ion: 65 Resp: 535

Ion Ratio Lower Upper

65 100

92 553.4 53.2 79.8#

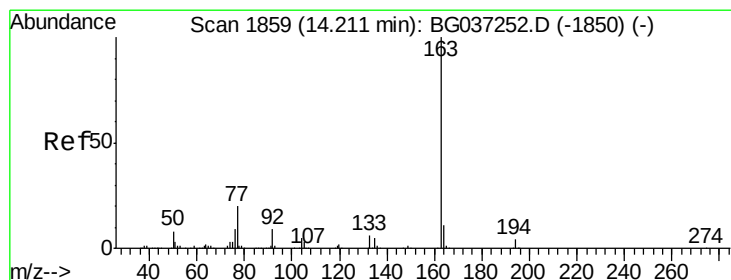
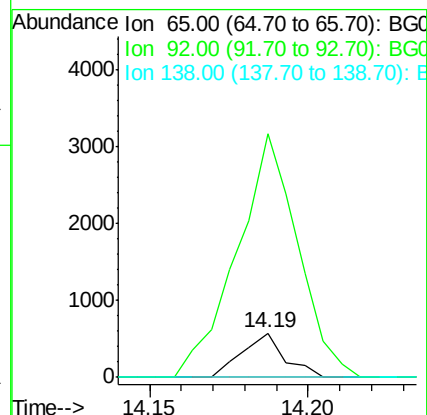
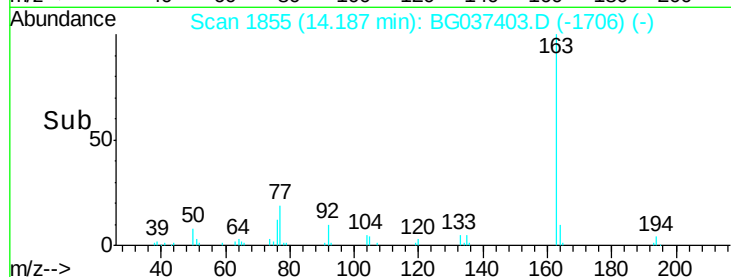
138 0.0 79.3 118.9#



Abundance Ion 65.00 (64.70 to 65.70): BG037403.D (-1788) (-)

Ion 92.00 (91.70 to 92.70): BG037403.D (-1788) (-)

Ion 138.00 (137.70 to 138.70): BG037403.D (-1788) (-)



#50

Dimethylphthalate

Concen: 3.328 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.02 min

Lab File: BG037403.D

Acq: 17 Oct 2018 23:22

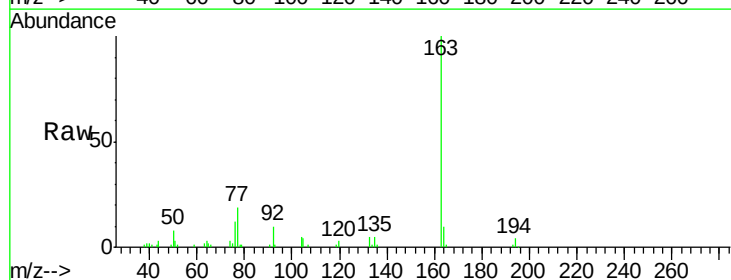
Tgt Ion: 163 Resp: 49001

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

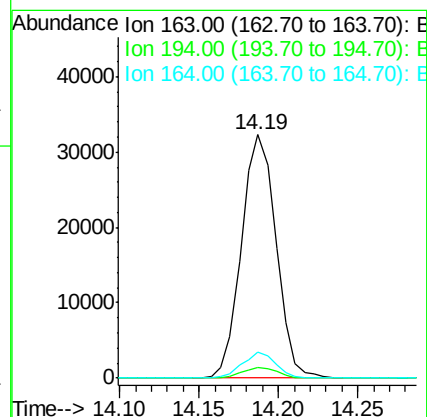
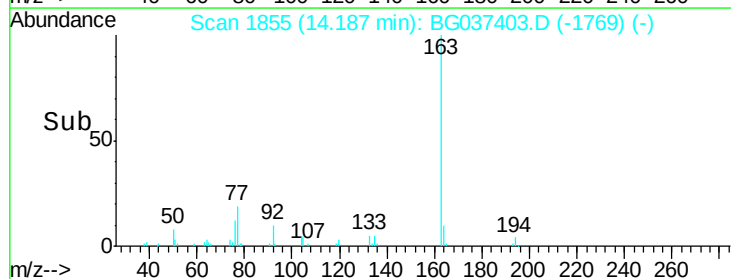
164 10.5 8.5 12.7

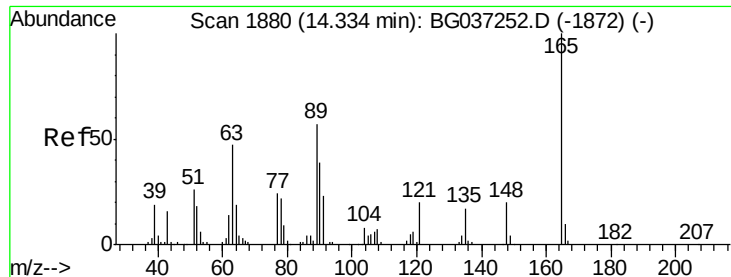


Abundance Ion 163.00 (162.70 to 163.70): BG037252.D (-1850) (-)

Ion 194.00 (193.70 to 194.70): BG037252.D (-1850) (-)

Ion 164.00 (163.70 to 164.70): BG037252.D (-1850) (-)

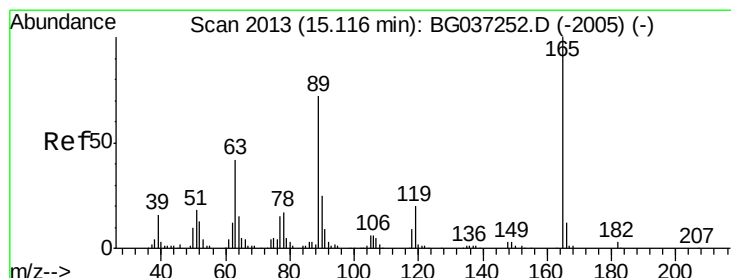
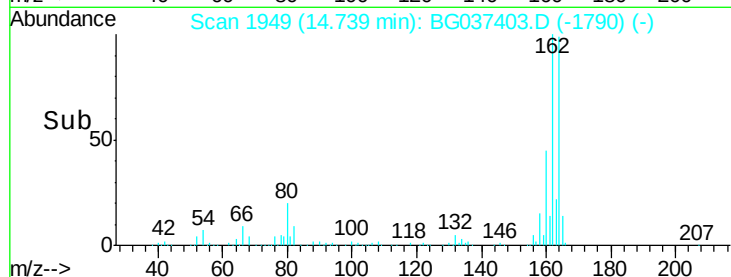
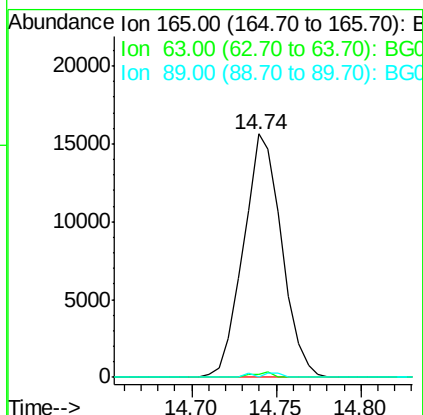
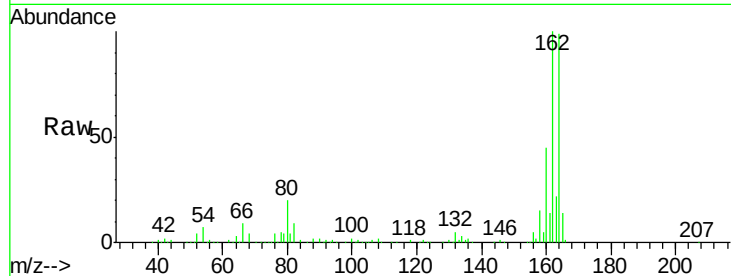




#51
 2,6-Dinitrotoluene
 Concen: 12.538 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. 0.41 min
 Lab File: BG037403.D
 Acq: 17 Oct 2018 23:22

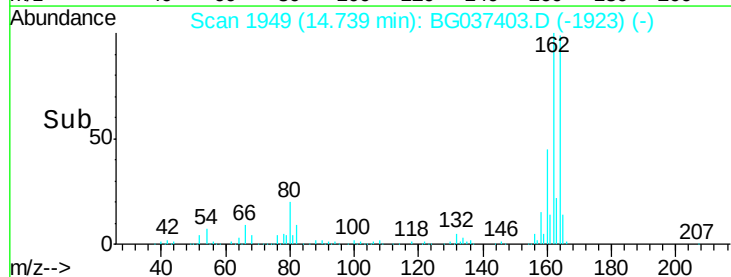
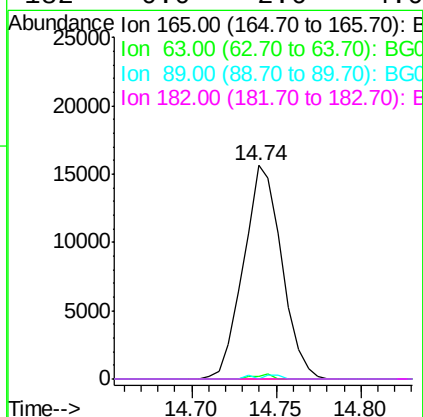
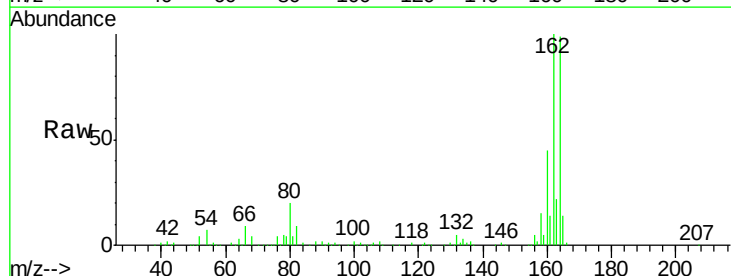
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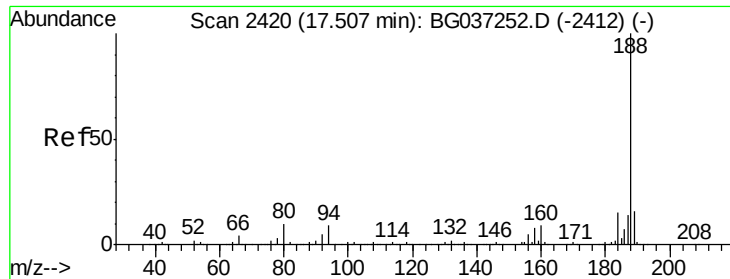
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	43.4	65.2#
89	0.0	45.8	68.6#



#57
 2,4-Dinitrotoluene
 Concen: 11.364 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.38 min
 Lab File: BG037403.D
 Acq: 17 Oct 2018 23:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2417

Delta R.T. -0.02 min

Lab File: BG037403.D

Acq: 17 Oct 2018 23:22

Instrument :

BNA_G

ClientSampleId :

101518-SIDI-E-D-M

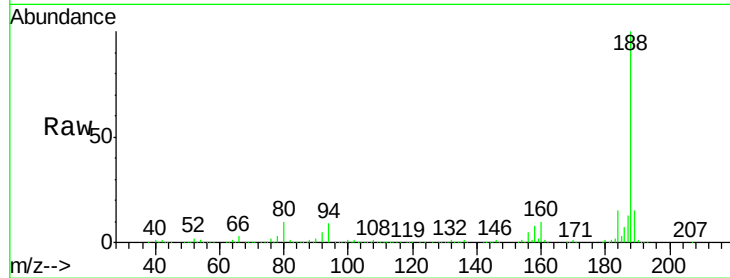
Tgt Ion:188 Resp: 454466

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

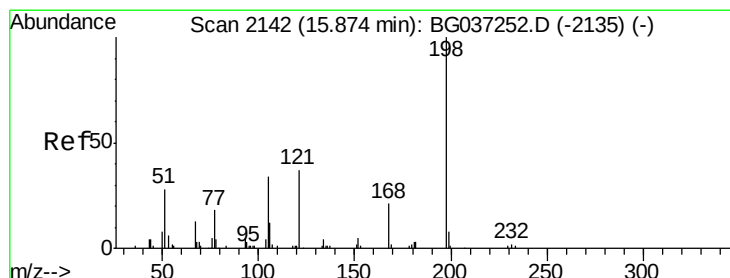
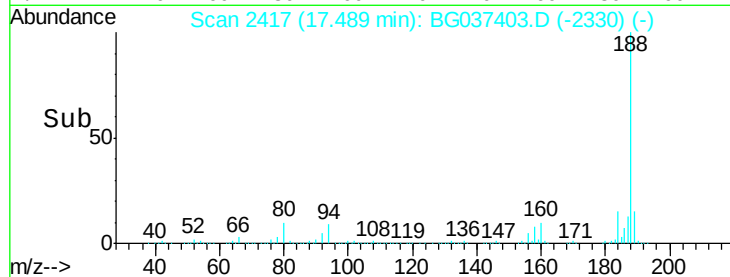
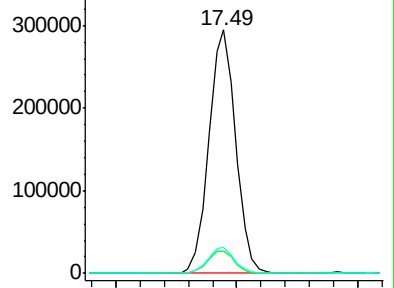
80 10.5 7.7 11.5



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: 6.441 ng

RT: 16.23 min Scan# 2203

Delta R.T. 0.36 min

Lab File: BG037403.D

Acq: 17 Oct 2018 23:22

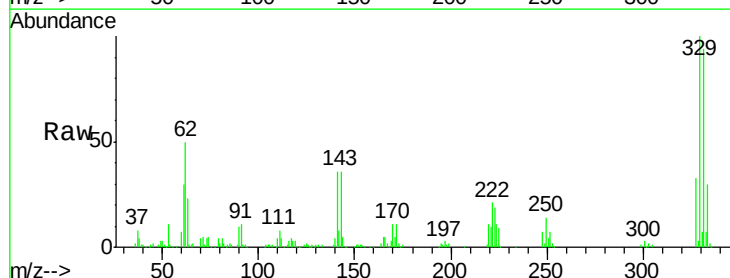
Tgt Ion:198 Resp: 804

Ion Ratio Lower Upper

198 100

51 134.4 22.7 62.7#

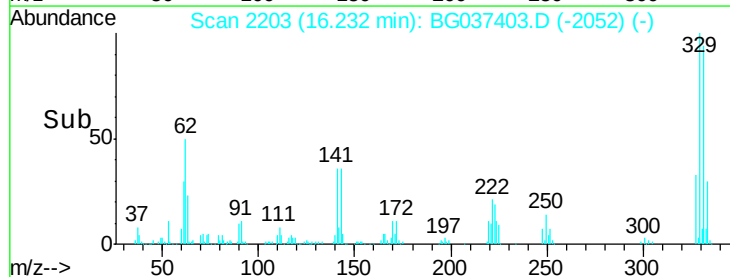
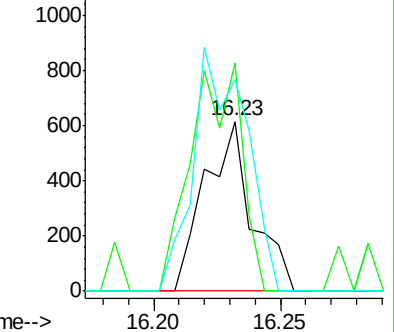
105 124.8 19.7 59.7#

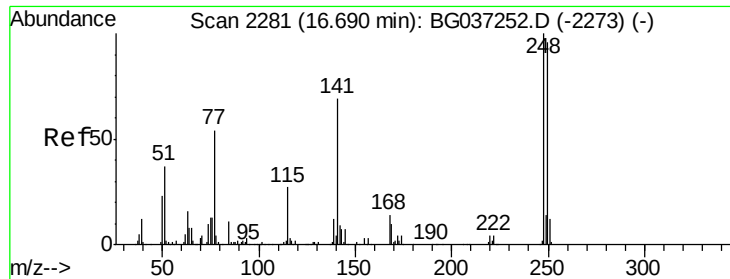


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

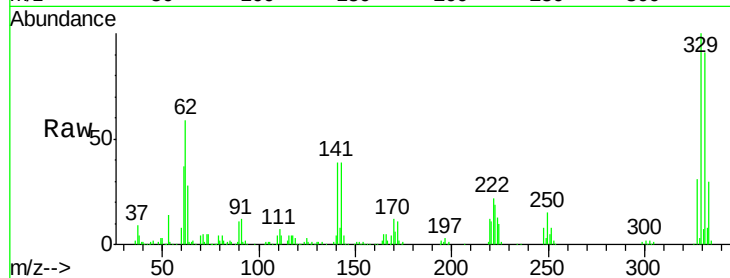




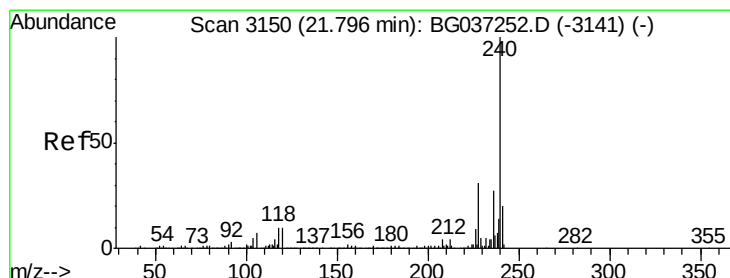
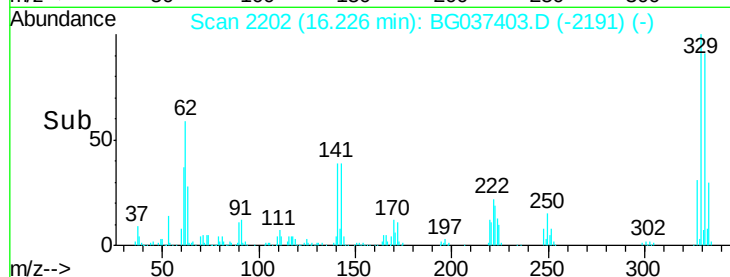
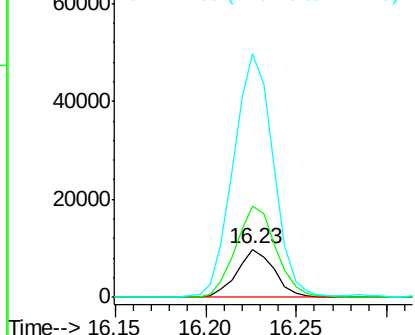
#67
 4-Bromophenyl-phenylether
 Concen: 2.866 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.46 min
 Lab File: BG037403.D
 Acq: 17 Oct 2018 23:22

Instrument :
 BNA_G
 ClientSampleId :
 101518-SIDI-E-D-M

Tgt Ion:248 Resp: 14057
 Ion Ratio Lower Upper
 248 100
 250 185.7 77.0 115.6#
 141 377.2 55.5 83.3#

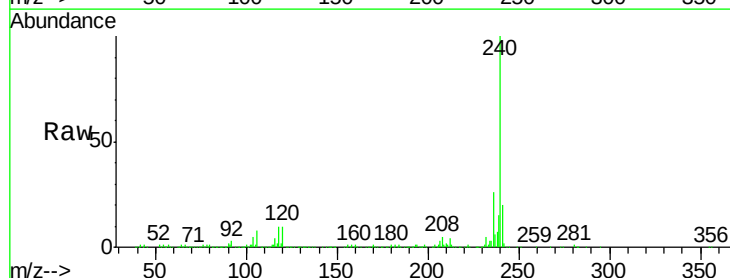


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

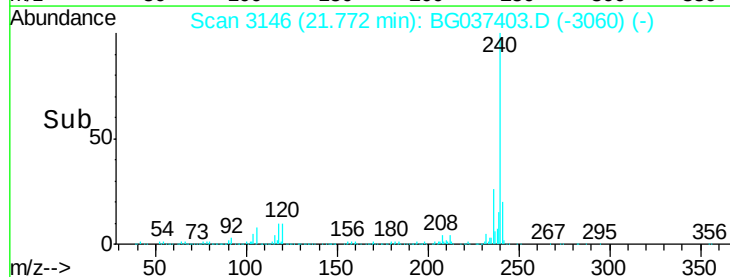
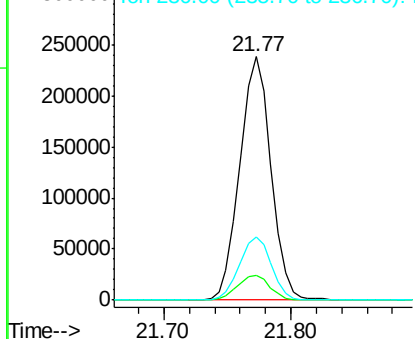


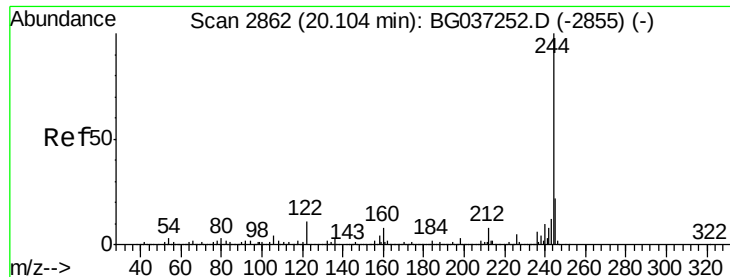
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3146
 Delta R.T. -0.02 min
 Lab File: BG037403.D
 Acq: 17 Oct 2018 23:22

Tgt Ion:240 Resp: 407201
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.1 12.1
 236 25.9 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: 80.713 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG037403.D

Acq: 17 Oct 2018 23:22

Instrument :

BNA_G

ClientSampleId :

101518-SIDI-E-D-M

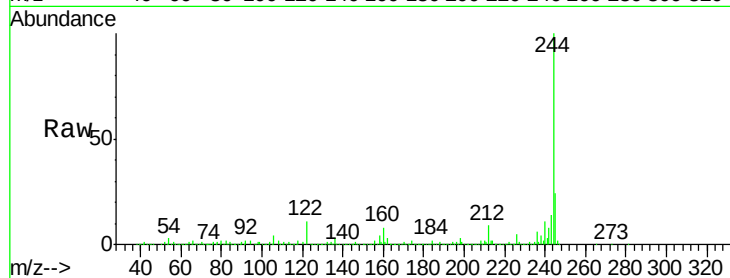
Tgt Ion:244 Resp: 1565253

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

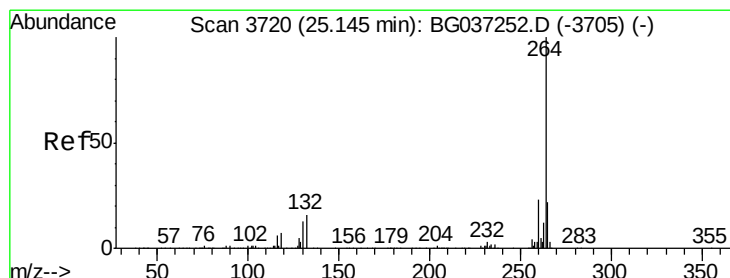
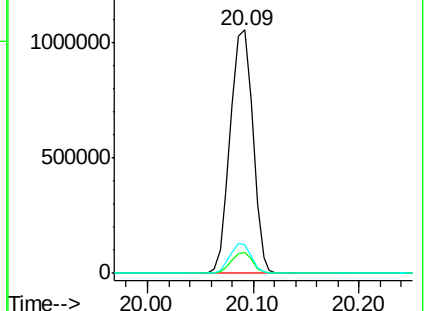
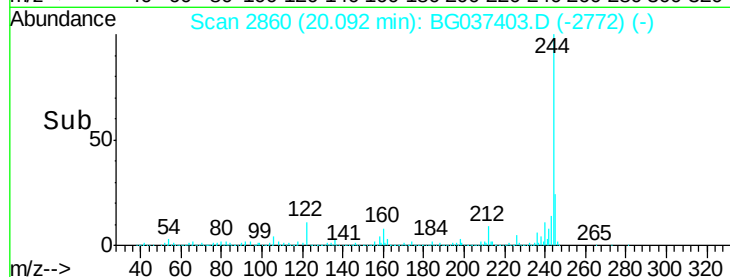
122 11.5 9.0 13.4



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: 25.11 min Scan# 3714

Delta R.T. -0.04 min

Lab File: BG037403.D

Acq: 17 Oct 2018 23:22

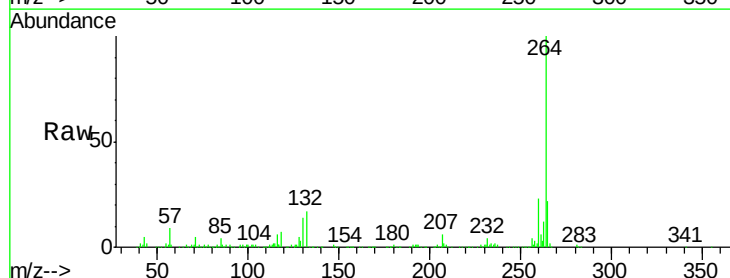
Tgt Ion:264 Resp: 419982

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.4

265 22.2 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

