

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101718\
 Data File : BG037405.D
 Acq On : 18 Oct 2018 00:40
 Operator : JU/SJ
 Sample : J5541-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 101518-SIDI-E-U-B

Quant Time: Oct 18 11:45:44 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

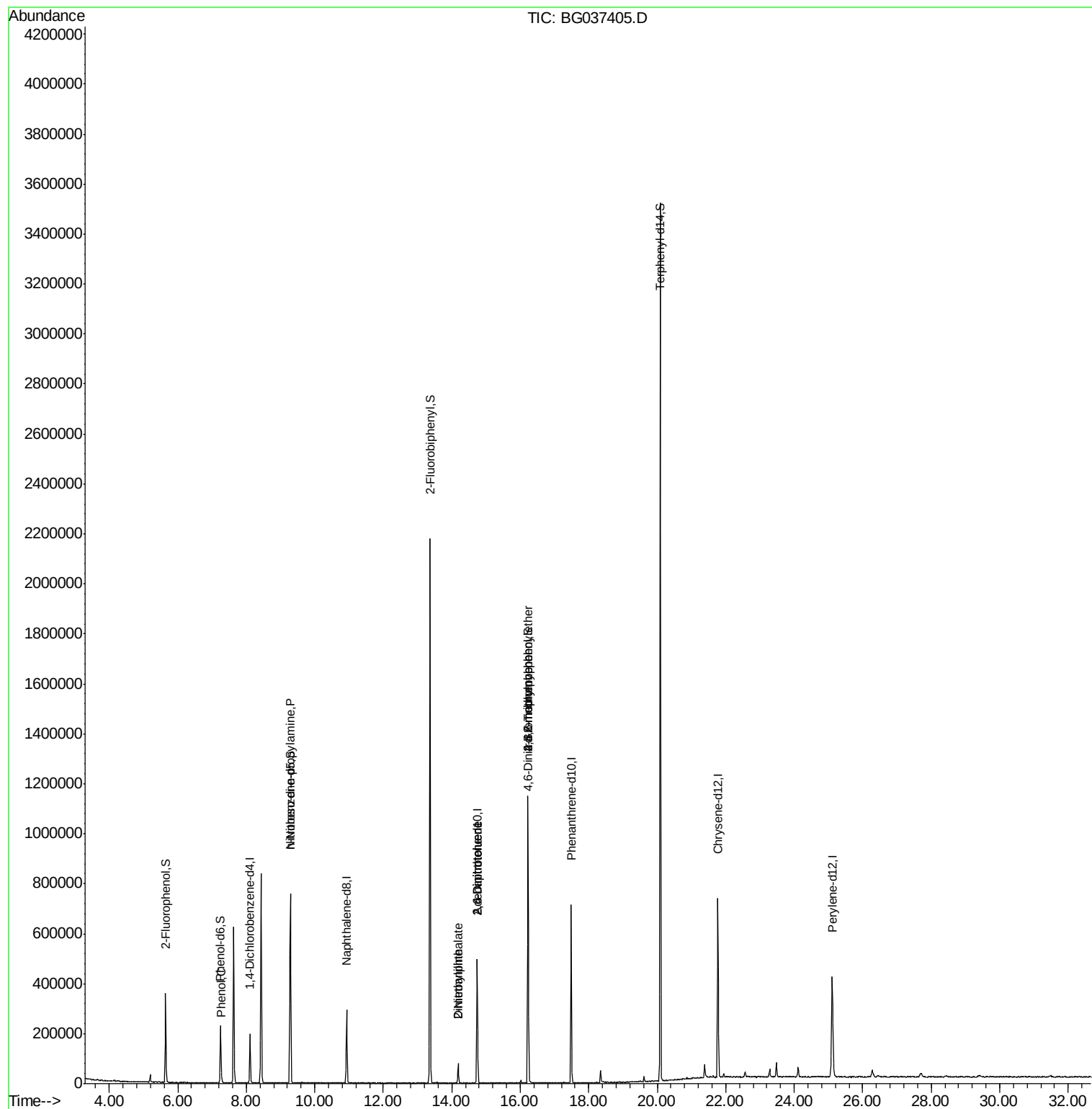
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	57971	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	268092	20.00	ng	-0.02
39) Acenaphthene-d10	14.75	164	179645	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	453289	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	425981	20.00	ng	-0.02
87) Perylene-d12	25.12	264	422981	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	164439	49.92	ng	0.00
7) Phenol-d6	7.24	99	146322	29.27	ng	-0.01
23) Nitrobenzene-d5	9.29	82	477098	117.00	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	201607	114.43	ng	-0.02
45) 2-Fluorobiphenyl	13.36	172	1159992	96.97	ng	-0.02
79) Terphenyl-d14	20.09	244	1709782	84.28	ng	-0.01
Target Compounds						
10) Phenol	7.27	94	23435	4.450	ng	94
19) n-Nitroso-di-n-propylamine	9.29	70	60347	15.942	ng	# 71
48) 2-Nitroaniline	14.18	65	637	5.940	ng	# 1
50) Dimethylphthalate	14.19	163	54398	3.853	ng	98
51) 2,6-Dinitrotoluene	14.74	165	22804	12.293	ng	# 25
57) 2,4-Dinitrotoluene	14.74	165	22804	11.173	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.24	198	1203	6.688	ng	85
67) 4-Bromophenyl-phenylether	16.23	248	15166	3.100	ng	# 1

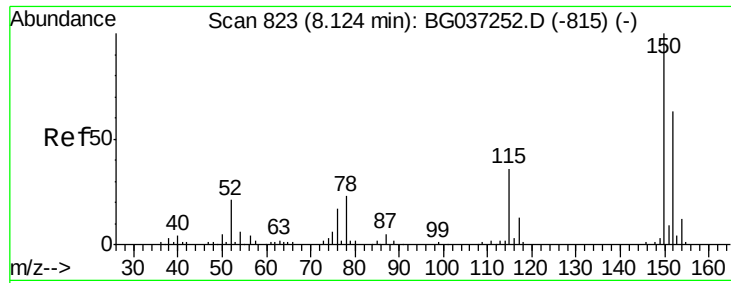
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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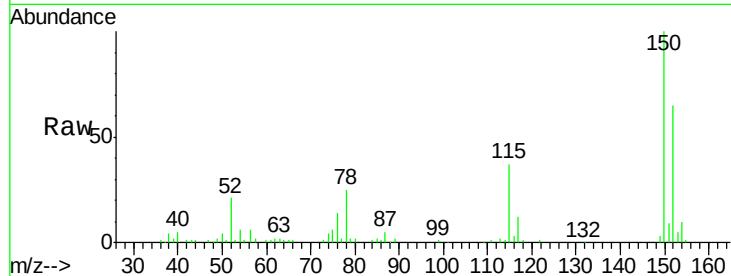


#1

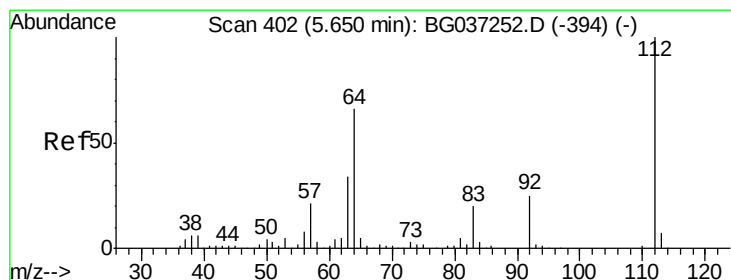
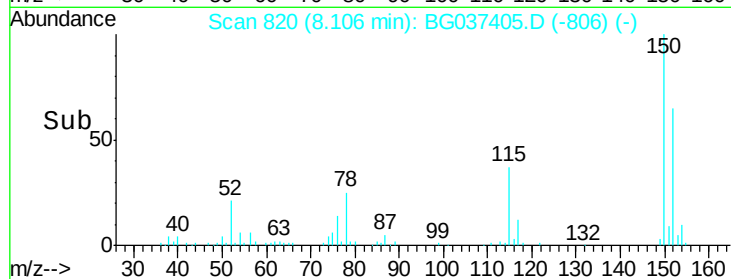
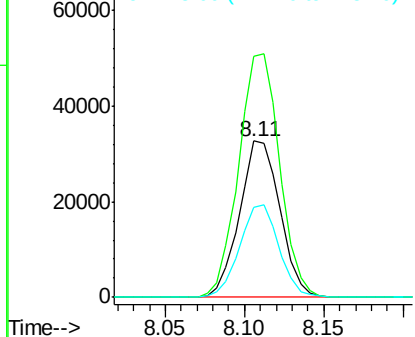
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.02 min
Lab File: BG037405.D
Acq: 18 Oct 2018 00:40

Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-U-B

Tgt Ion:152 Resp: 57971
Ion Ratio Lower Upper
152 100
150 153.9 126.0 189.0
115 57.5 45.5 68.3



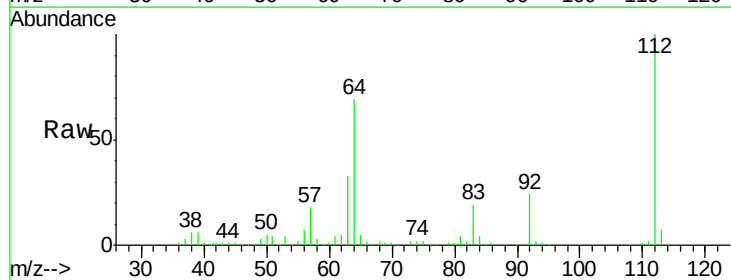
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



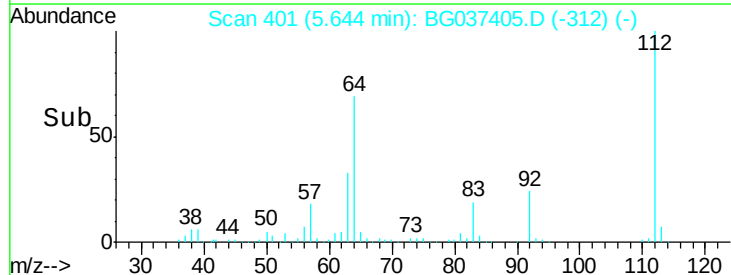
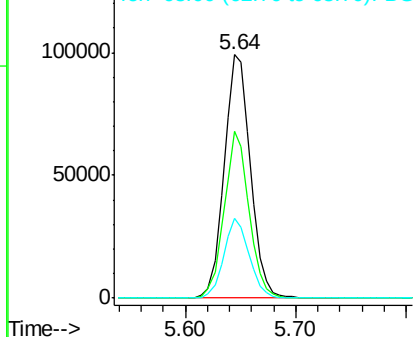
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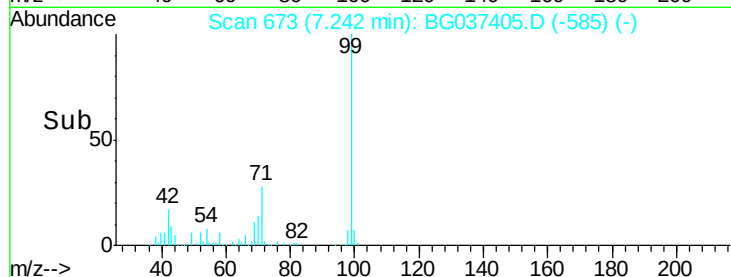
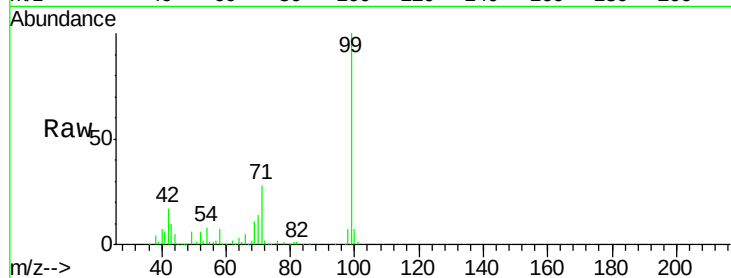
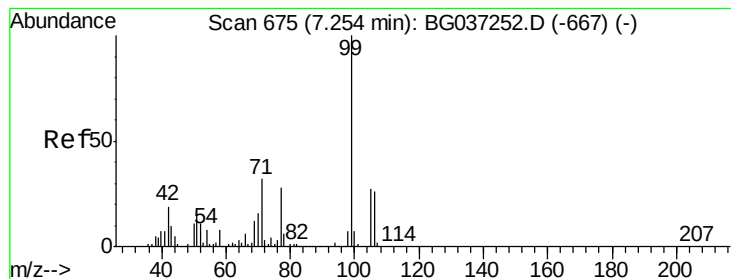
2-Fluorophenol
Concen: 49.921 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.01 min
Lab File: BG037405.D
Acq: 18 Oct 2018 00:40

Tgt Ion:112 Resp: 164439
Ion Ratio Lower Upper
112 100
64 68.7 53.1 79.7
63 32.9 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: 29.266 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037405.D

Acq: 18 Oct 2018 00:40

Instrument :

BNA_G

ClientSampleId :

101518-SIDI-E-U-B

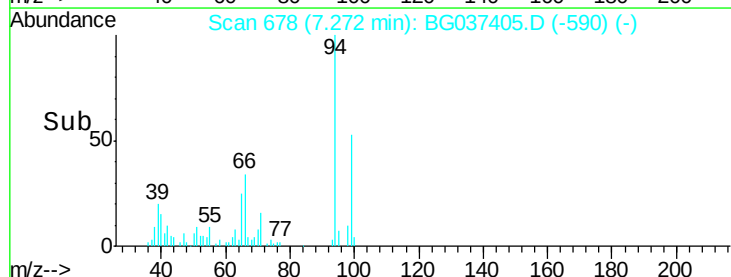
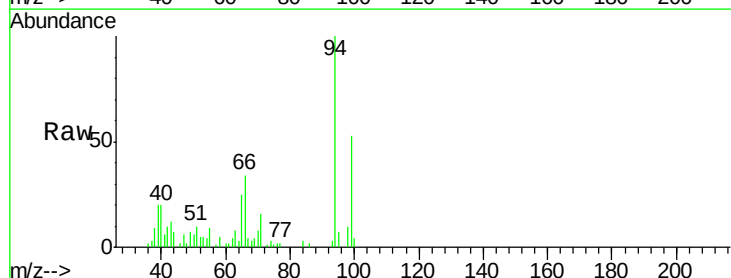
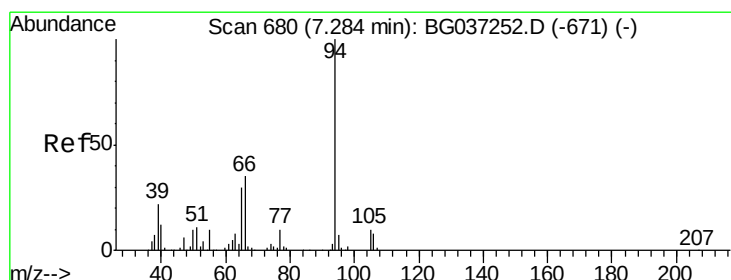
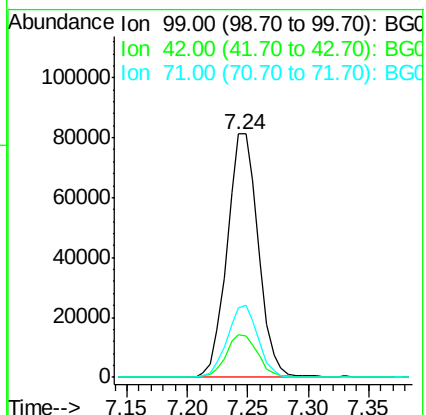
Tgt Ion: 99 Resp: 146322

Ion Ratio Lower Upper

99 100

42 17.3 15.0 22.4

71 28.4 25.5 38.3



#10

Phenol

Concen: 4.450 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG037405.D

Acq: 18 Oct 2018 00:40

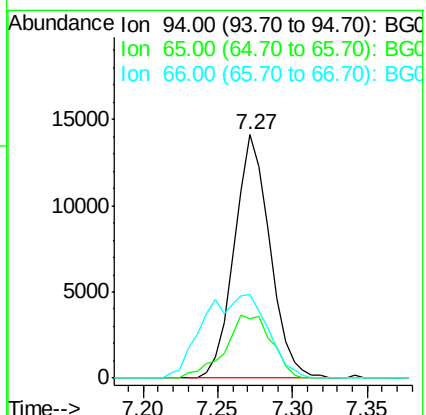
Tgt Ion: 94 Resp: 23435

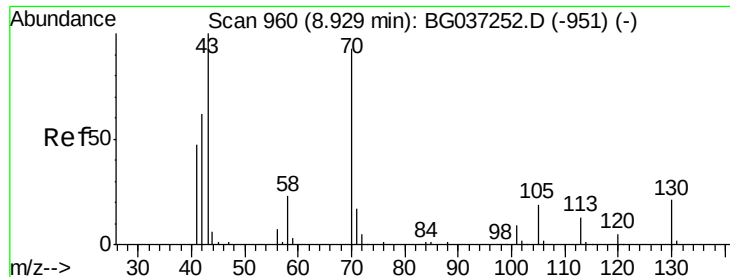
Ion Ratio Lower Upper

94 100

65 24.6 9.7 49.7

66 34.4 15.9 55.9

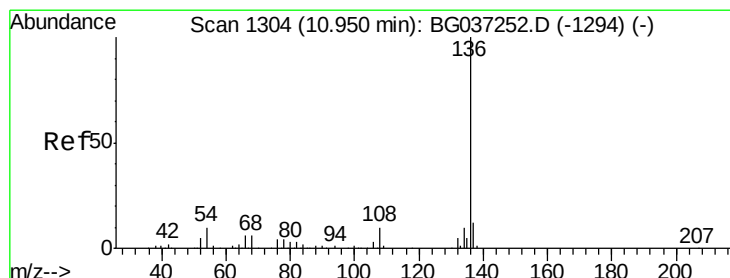
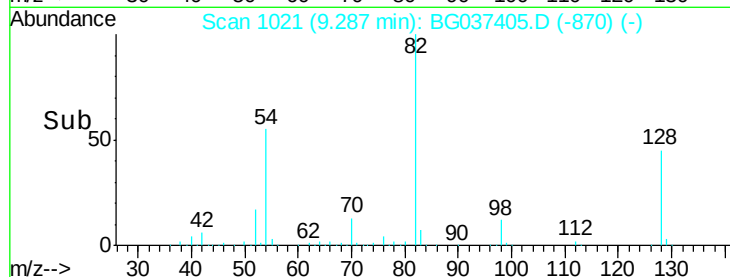
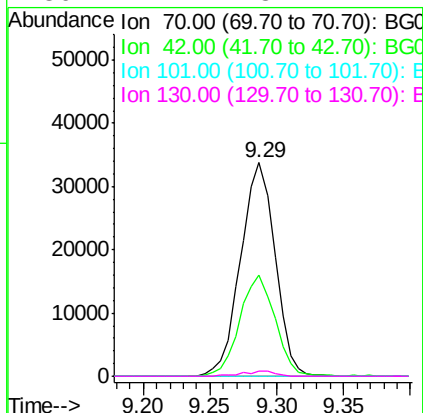
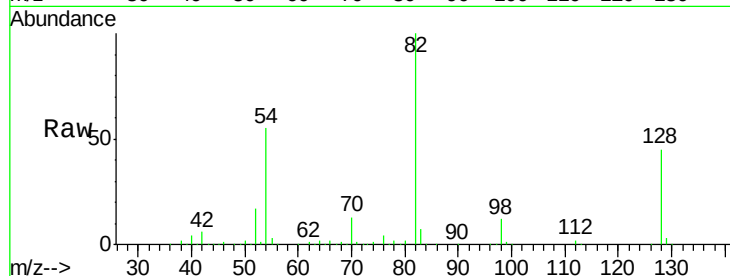




#19
n-Nitroso-di-n-propylamine
Concen: 15.942 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.36 min
Lab File: BG037405.D
Acq: 18 Oct 2018 00:40

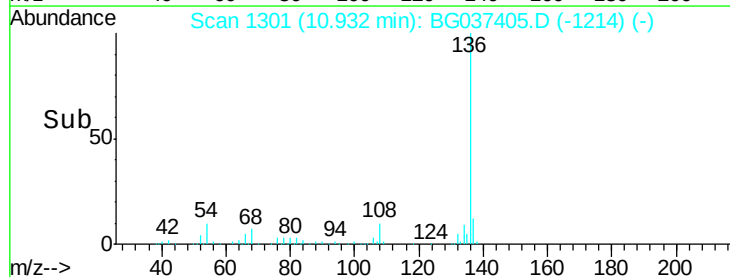
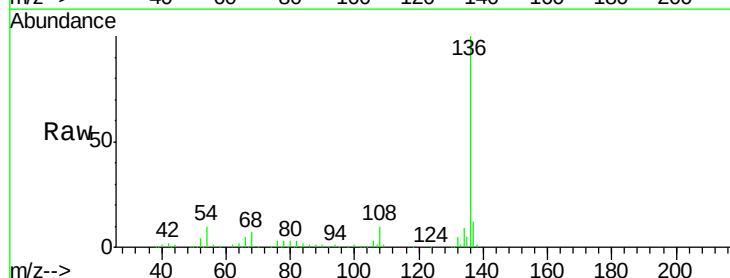
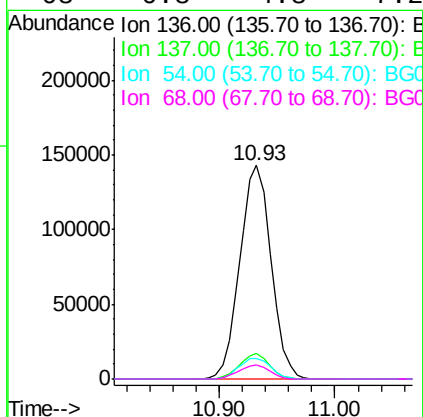
Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-U-B

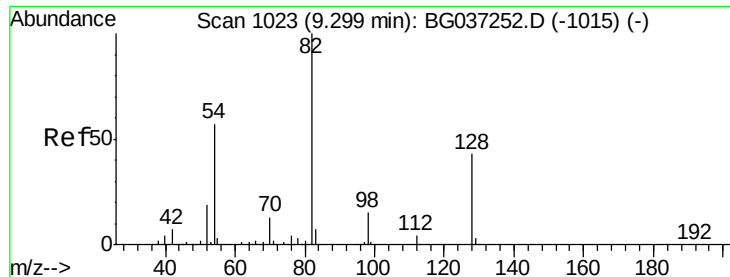
Tgt Ion: 70 Resp: 60347
Ion Ratio Lower Upper
70 100
42 47.5 53.9 80.9#
101 0.0 8.2 12.2#
130 2.1 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037405.D
Acq: 18 Oct 2018 00:40

Tgt Ion: 136 Resp: 268092
Ion Ratio Lower Upper
136 100
137 12.2 9.6 14.4
54 9.8 7.9 11.9
68 6.8 4.8 7.2

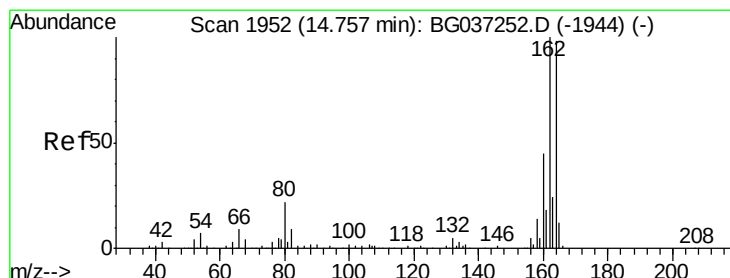
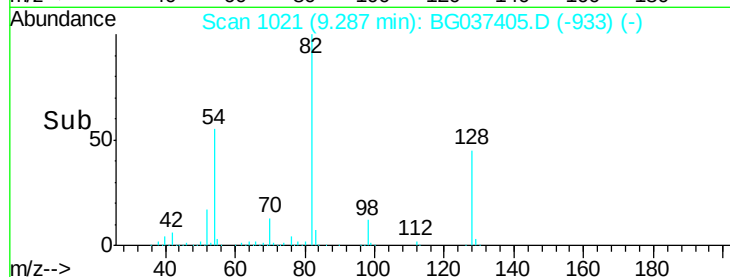
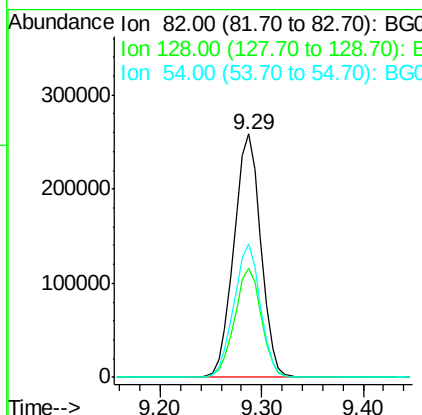
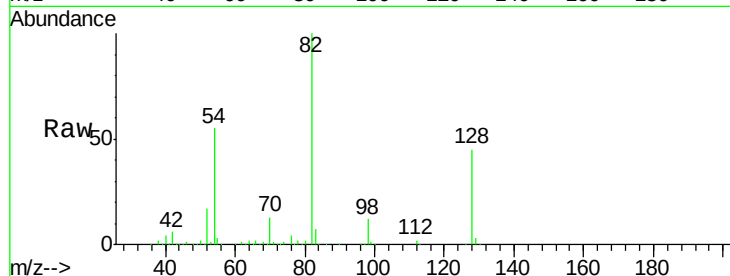




#23
 Nitrobenzene-d5
 Concen: 117.000 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BG037405.D
 Acq: 18 Oct 2018 00:40

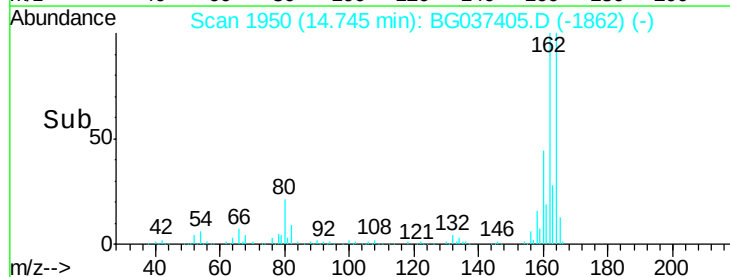
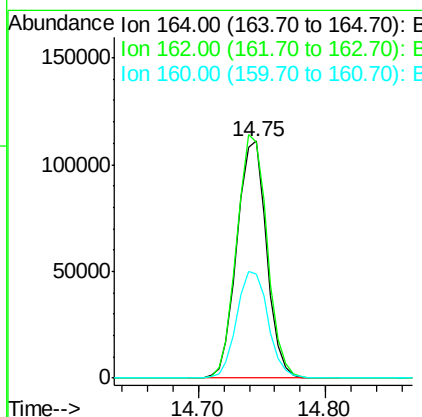
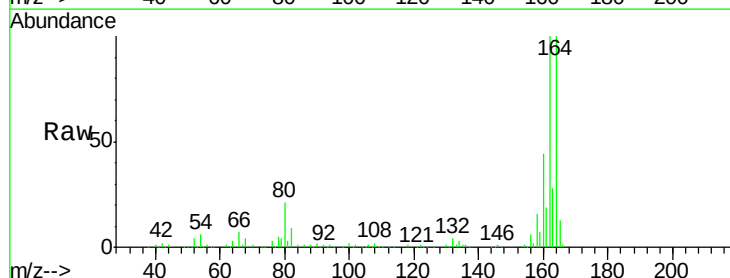
Instrument :
 BNA_G
 ClientSampleId :
 101518-SIDI-E-U-B

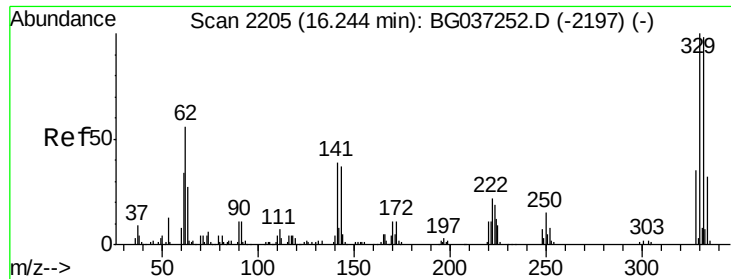
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.6	51.8
54	54.7	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BG037405.D
 Acq: 18 Oct 2018 00:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	81.3	121.9
160	43.8	36.3	54.5

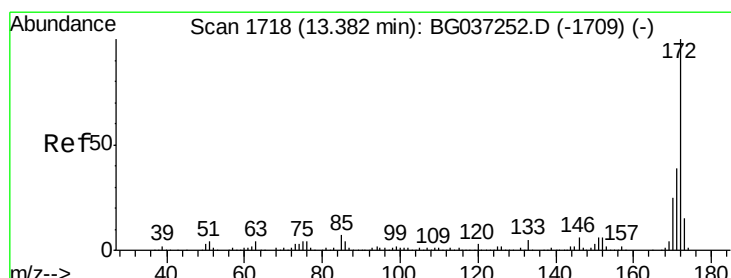
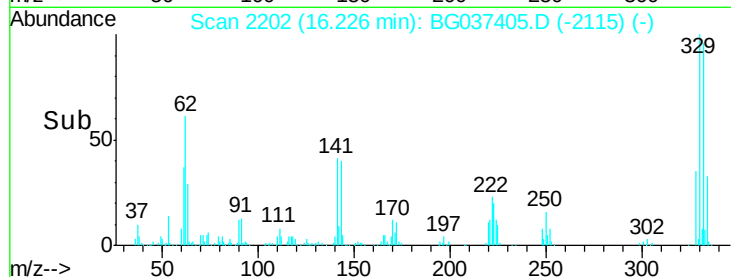
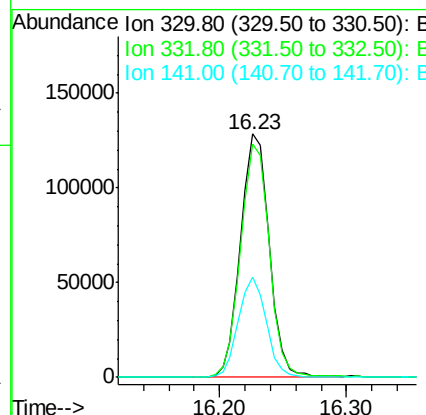
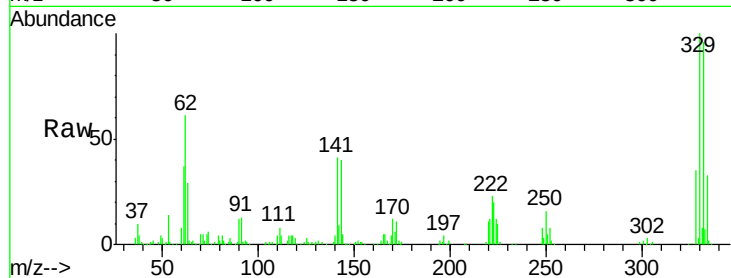




#42
 2,4,6-Tribromophenol
 Concen: 114.431 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG037405.D
 Acq: 18 Oct 2018 00:40

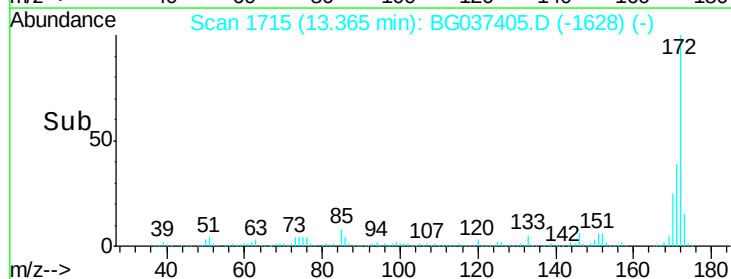
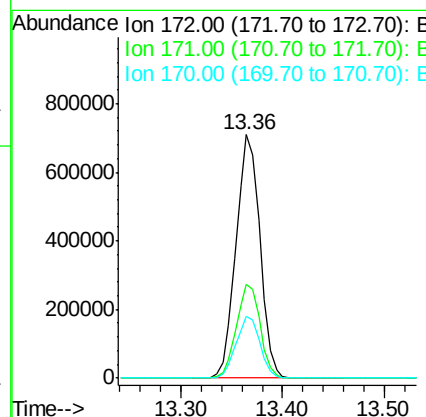
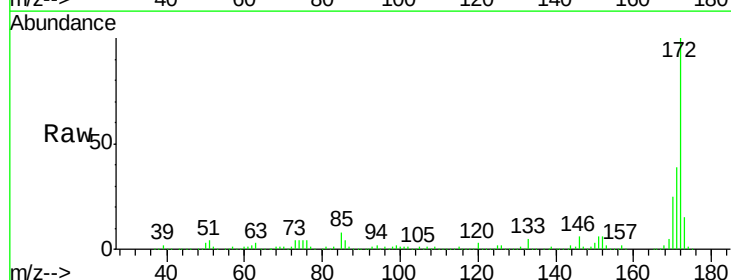
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 101518-SIDI-E-U-B

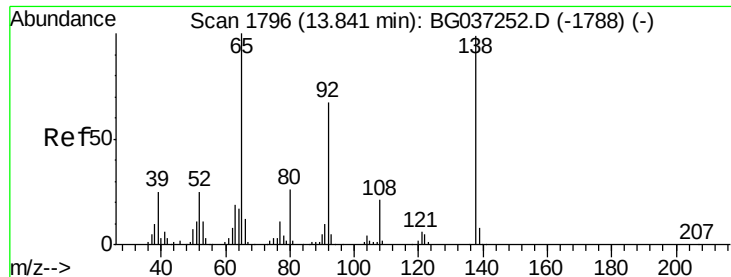
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.4	117.6
141	40.0	32.2	48.2



#45
 2-Fluorobiphenyl
 Concen: 96.971 ng
 RT: 13.36 min Scan# 1715
 Delta R.T. -0.02 min
 Lab File: BG037405.D
 Acq: 18 Oct 2018 00:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.0	46.4
170	25.3	20.2	30.2





#48

2-Nitroaniline

Concen: 5.940 ng

RT: 14.18 min Scan# 1854

Delta R.T. 0.34 min

Lab File: BG037405.D

Acq: 18 Oct 2018 00:40

Instrument :

BNA_G

ClientSampleId :

101518-SIDI-E-U-B

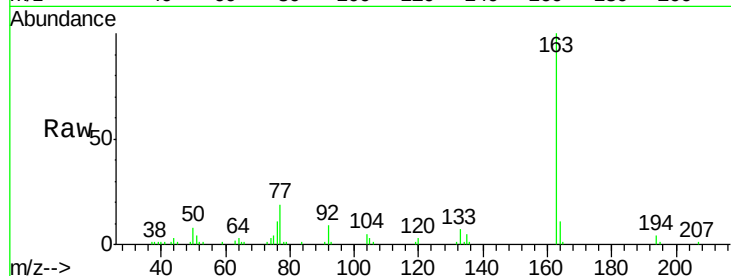
Tgt Ion: 65 Resp: 637

Ion Ratio Lower Upper

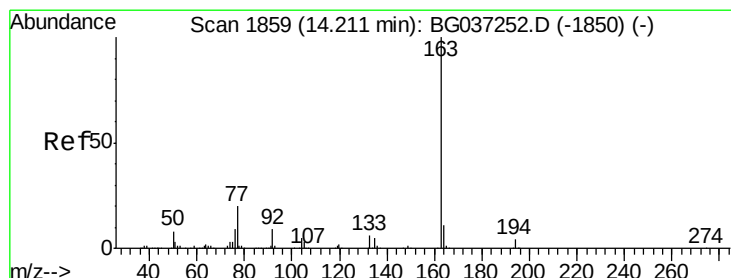
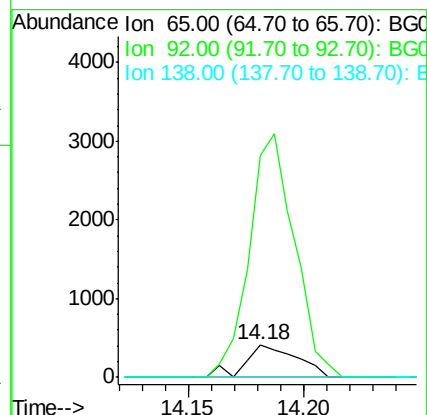
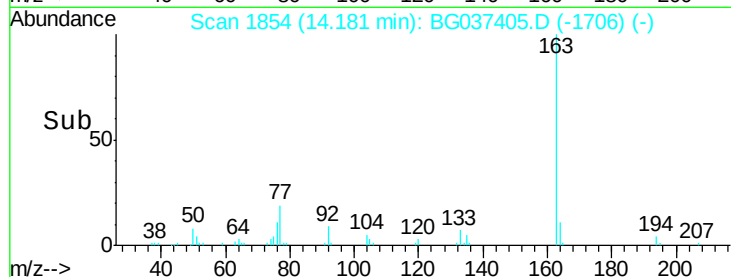
65 100

92 683.3 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: 3.853 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.02 min

Lab File: BG037405.D

Acq: 18 Oct 2018 00:40

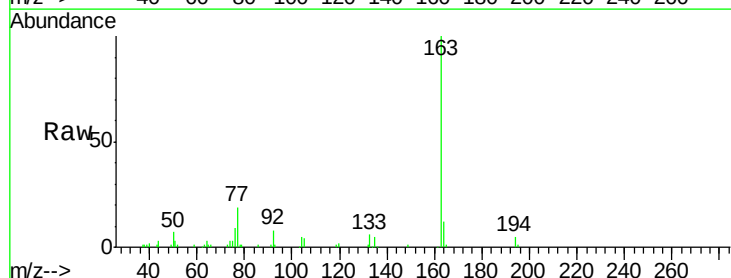
Tgt Ion: 163 Resp: 54398

Ion Ratio Lower Upper

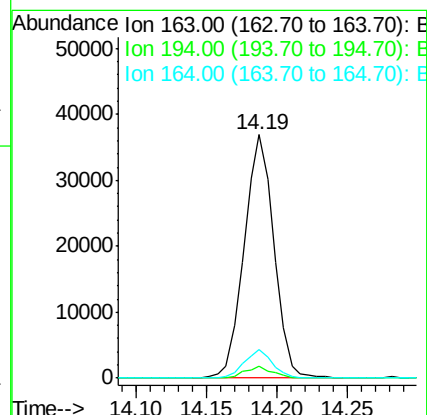
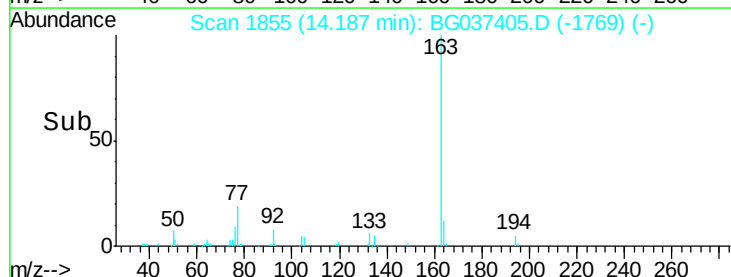
163 100

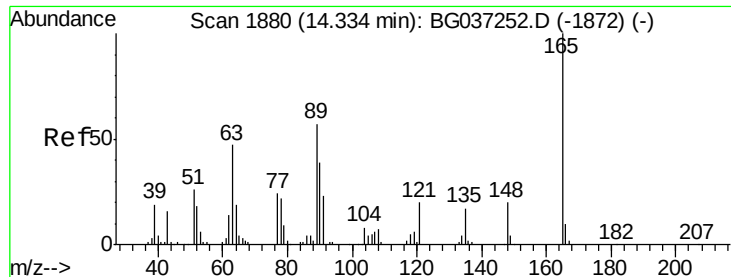
194 4.8 3.5 5.3

164 11.5 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

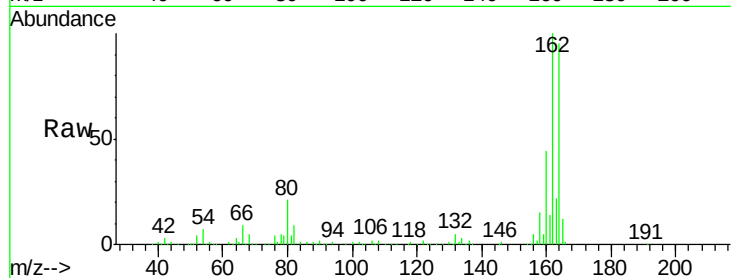




#51
 2,6-Dinitrotoluene
 Concen: 12.293 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. 0.41 min
 Lab File: BG037405.D
 Acq: 18 Oct 2018 00:40

Instrument :
 BNA_G
 ClientSampleId :
 101518-SIDI-E-U-B

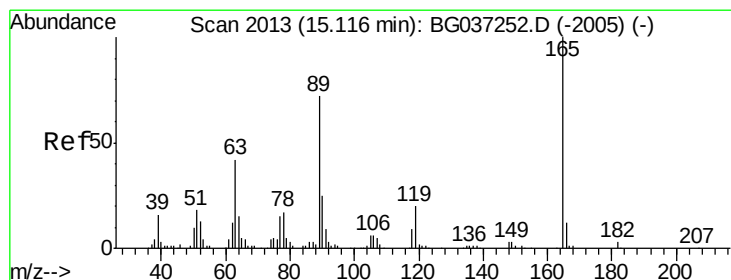
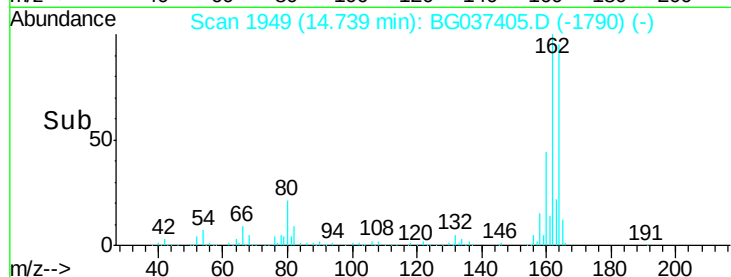
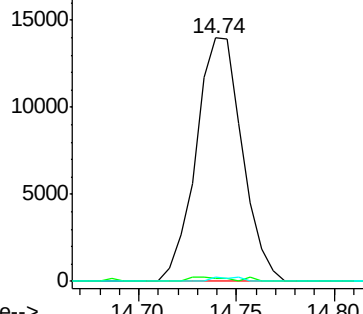
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	43.4	65.2#
89	1.7	45.8	68.6#



Abundance Ion 165.00 (164.70 to 165.70): E

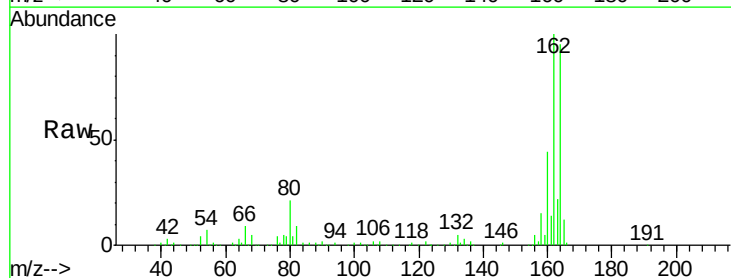
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#57
 2,4-Dinitrotoluene
 Concen: 11.173 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.38 min
 Lab File: BG037405.D
 Acq: 18 Oct 2018 00:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.4	50.0#
89	1.7	57.2	85.8#
182	0.0	2.6	4.0#

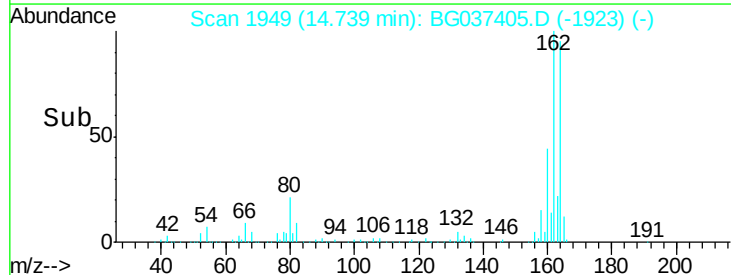
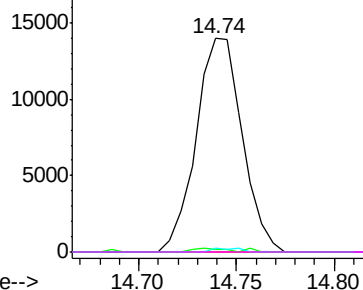


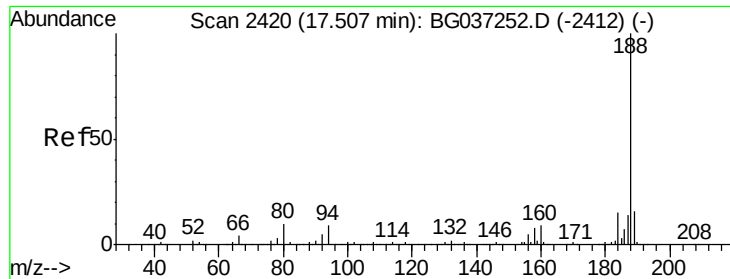
Abundance Ion 165.00 (164.70 to 165.70): E

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

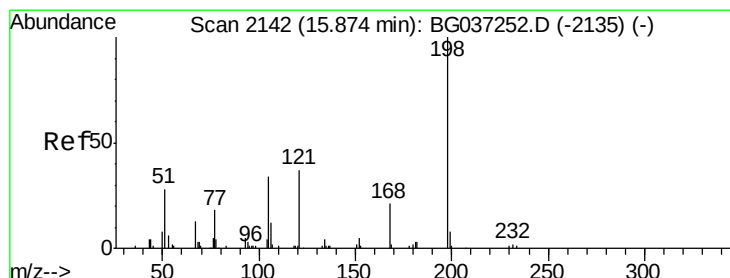
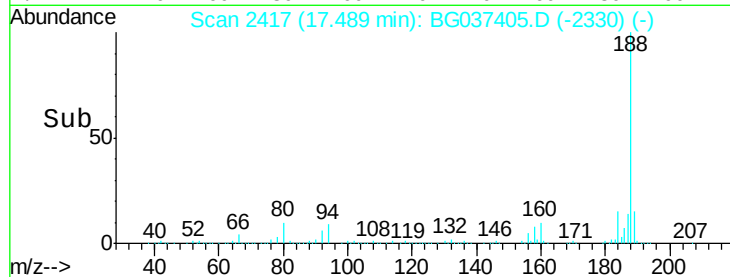
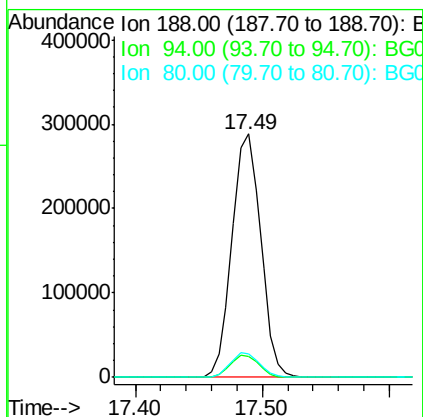
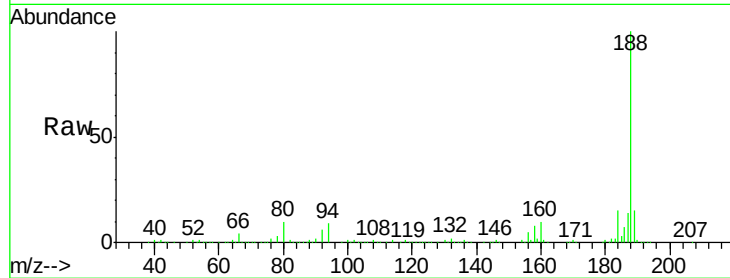




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG037405.D
Acq: 18 Oct 2018 00:40

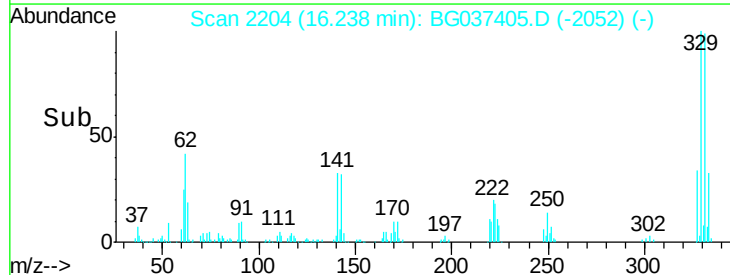
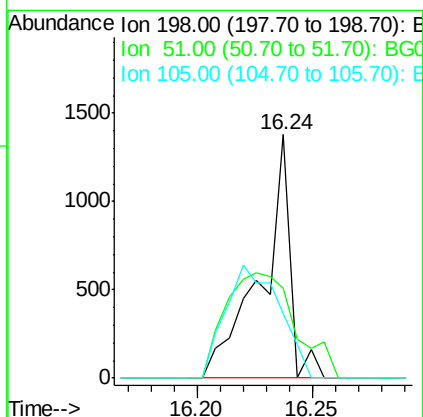
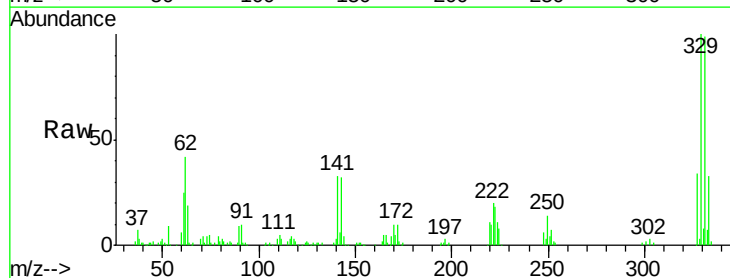
Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-U-B

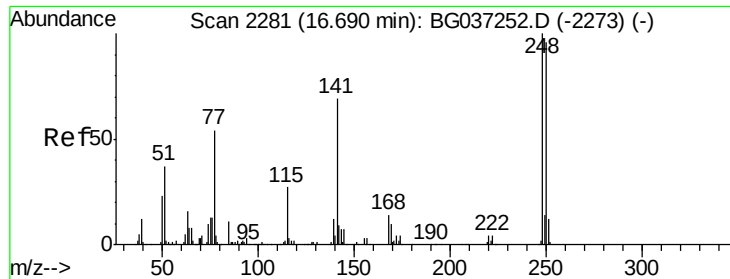
Tgt Ion:188 Resp: 453289
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 9.7 7.7 11.5



#65
4,6-Dinitro-2-methylphenol
Concen: 6.688 ng
RT: 16.24 min Scan# 2204
Delta R.T. 0.36 min
Lab File: BG037405.D
Acq: 18 Oct 2018 00:40

Tgt Ion:198 Resp: 1203
Ion Ratio Lower Upper
198 100
51 36.8 22.7 62.7
105 26.5 19.7 59.7





#67

4-Bromophenyl-phenylether

Concen: 3.100 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.46 min

Lab File: BG037405.D

Acq: 18 Oct 2018 00:40

Instrument :

BNA_G

ClientSampleId :

101518-SIDI-E-U-B

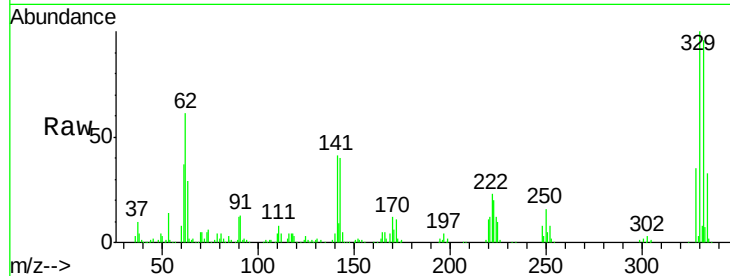
Tgt Ion:248 Resp: 15166

Ion Ratio Lower Upper

248 100

250 196.9 77.0 115.6#

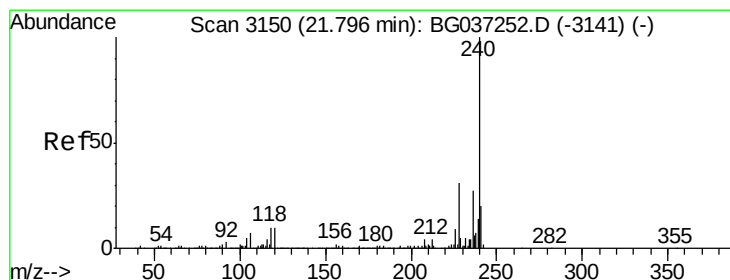
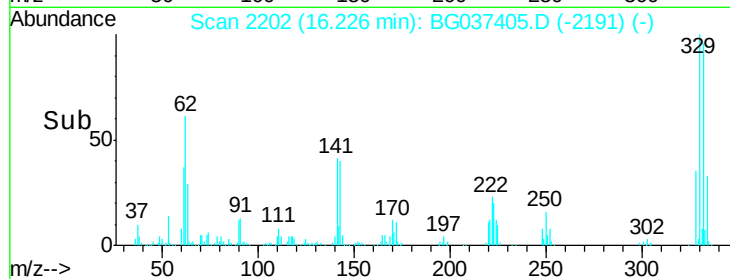
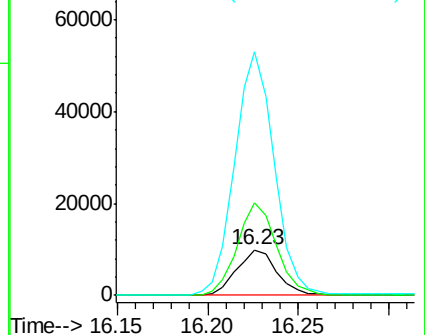
141 403.6 55.5 83.3#



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: BG037405.D

Acq: 18 Oct 2018 00:40

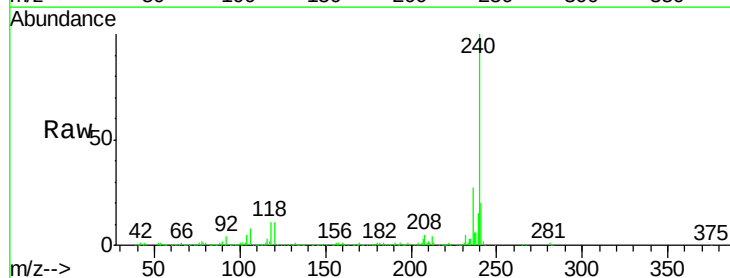
Tgt Ion:240 Resp: 425981

Ion Ratio Lower Upper

240 100

120 11.0 8.1 12.1

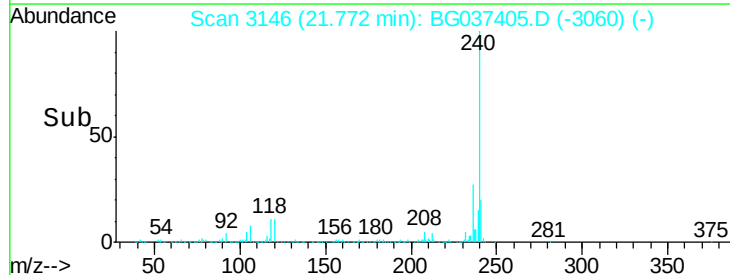
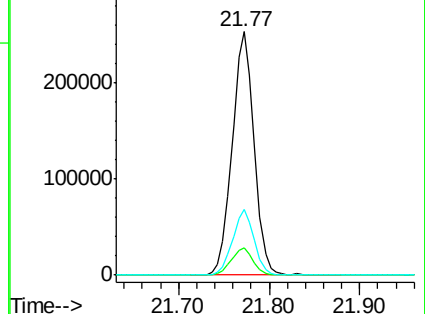
236 27.2 21.4 32.0

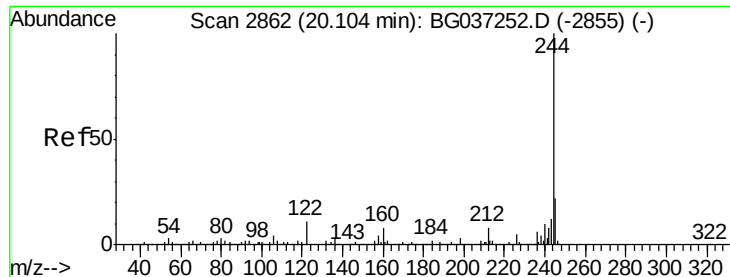


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.279 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG037405.D

Acq: 18 Oct 2018 00:40

Instrument :

BNA_G

ClientSampleId :

101518-SIDI-E-U-B

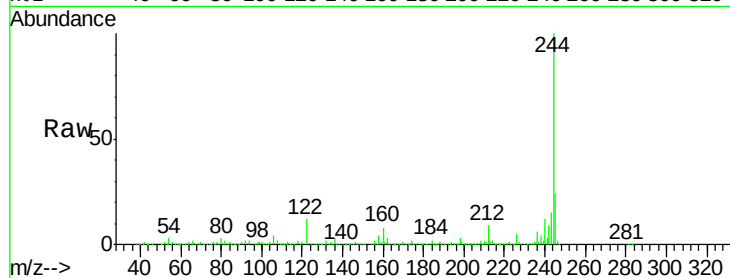
Tgt Ion:244 Resp: 1709782

Ion Ratio Lower Upper

244 100

212 8.9 6.5 9.7

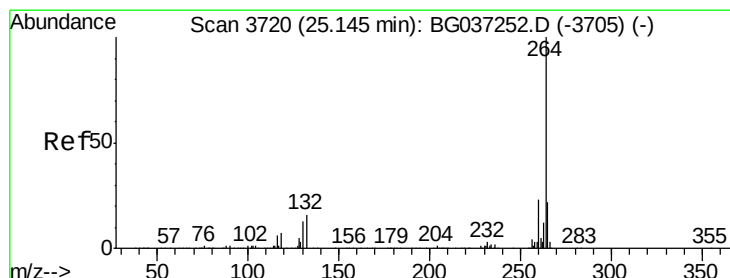
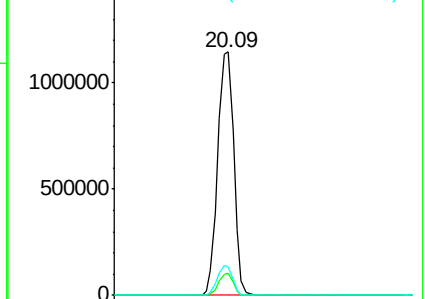
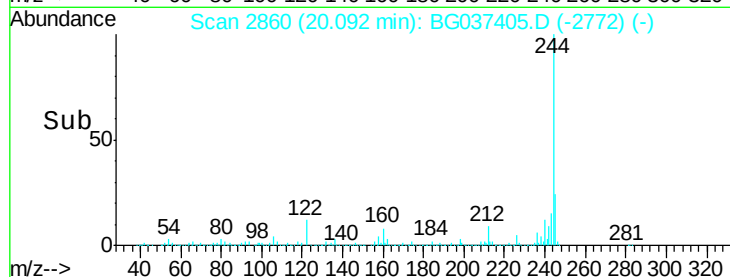
122 11.7 9.0 13.4



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: 25.12 min Scan# 3715

Delta R.T. -0.03 min

Lab File: BG037405.D

Acq: 18 Oct 2018 00:40

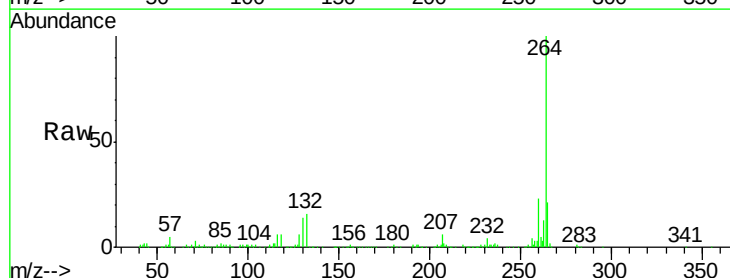
Tgt Ion:264 Resp: 422981

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

265 21.2 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

