

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101718\
 Data File : BG037404.D
 Acq On : 18 Oct 2018 00:01
 Operator : JU/SJ
 Sample : J5541-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Oct 18 11:45:32 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

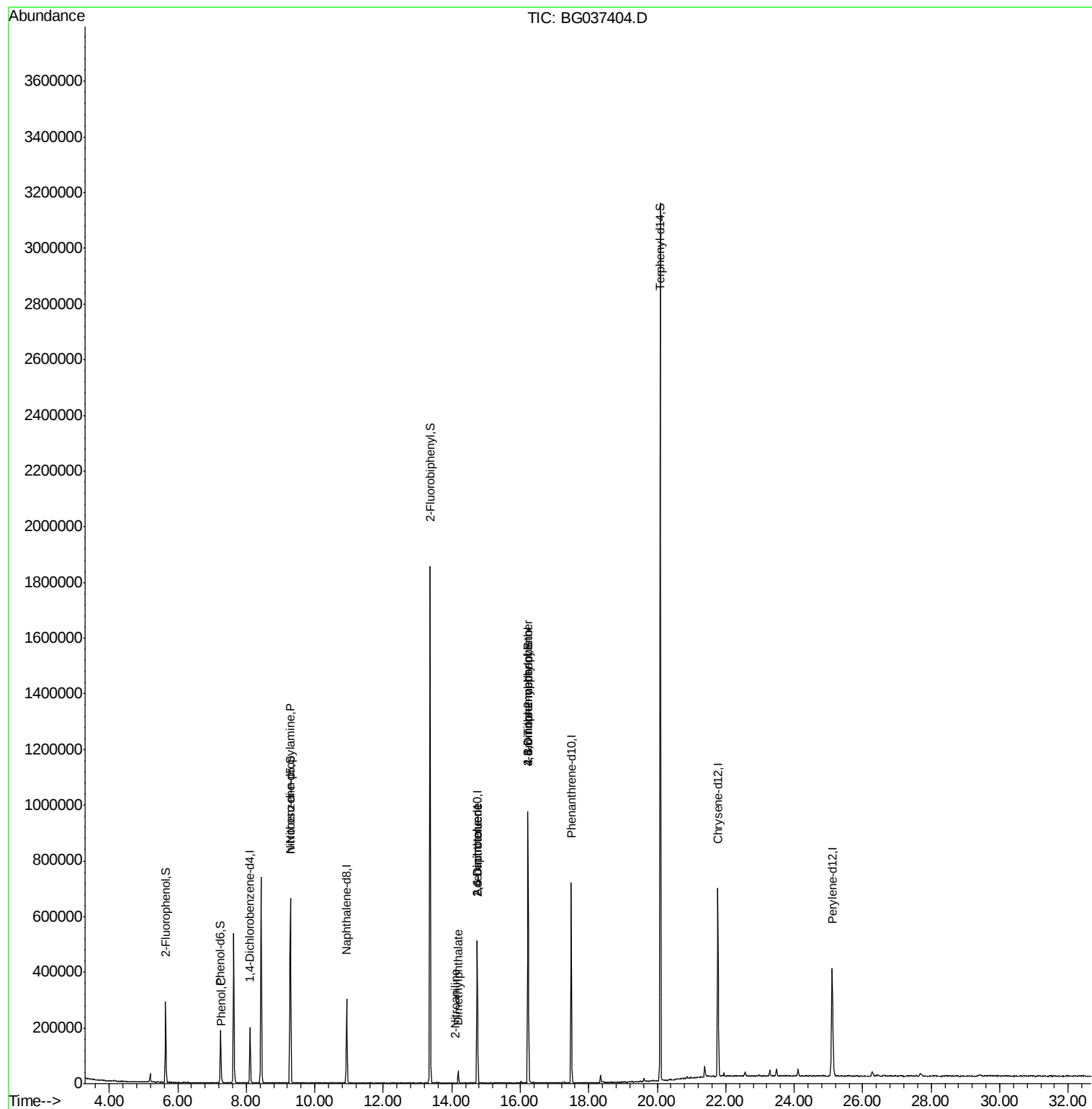
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	59813	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	273723	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	184513	20.00	ng	-0.02
64) Phenanthrene-d10	17.49	188	456117	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	421357	20.00	ng	-0.02
87) Perylene-d12	25.11	264	421810	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	136401	40.13	ng	0.00
7) Phenol-d6	7.25	99	122002	23.65	ng	0.00
23) Nitrobenzene-d5	9.29	82	416338	100.00	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	174768	96.58	ng	-0.02
45) 2-Fluorobiphenyl	13.36	172	1042177	84.82	ng	-0.02
79) Terphenyl-d14	20.09	244	1546172	77.05	ng	-0.02
Target Compounds						
10) Phenol	7.28	94	15310	2.818	ng	96
19) n-Nitroso-di-n-propylamine	9.29	70	52270	13.383	ng	# 73
48) 2-Nitroaniline	14.10	65	62	5.773	ng	# 7
50) Dimethylphthalate	14.19	163	33897	2.338	ng	99
51) 2,6-Dinitrotoluene	14.74	165	23292	12.251	ng	# 26
57) 2,4-Dinitrotoluene	14.74	165	23292	11.140	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.23	198	426	6.207	ng	84
67) 4-Bromophenyl-phenylether	16.23	248	12821	2.604	ng	# 1

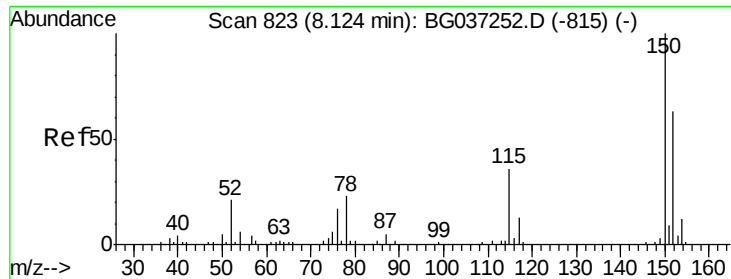
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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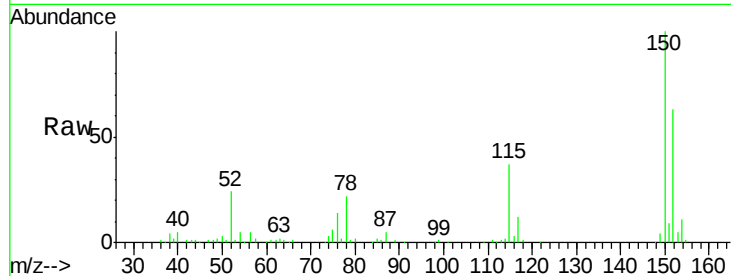




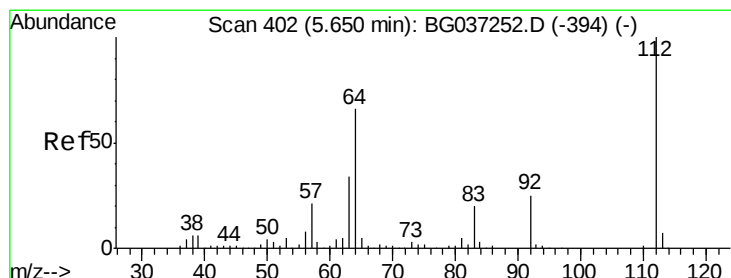
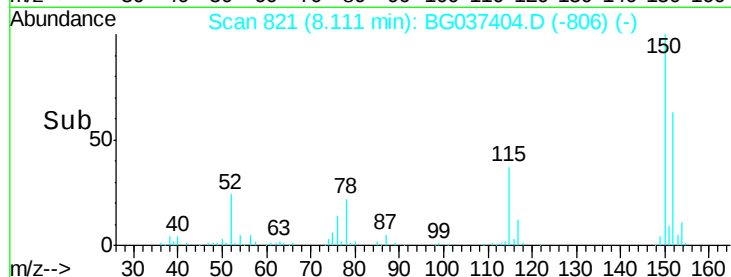
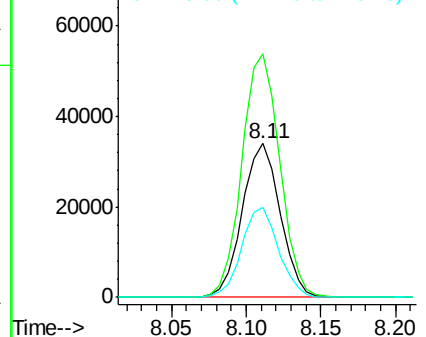
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG037404.D
 Acq: 18 Oct 2018 00:01

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

Tgt Ion:152 Resp: 59813
 Ion Ratio Lower Upper
 152 100
 150 158.3 126.0 189.0
 115 58.9 45.5 68.3

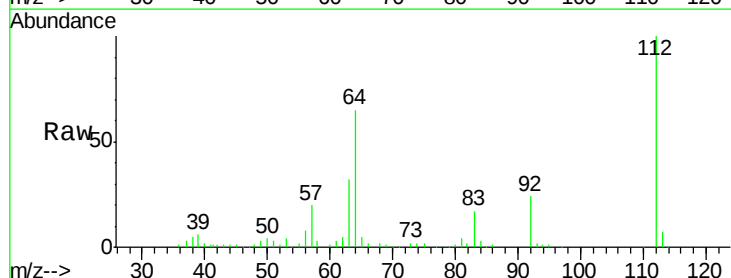


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

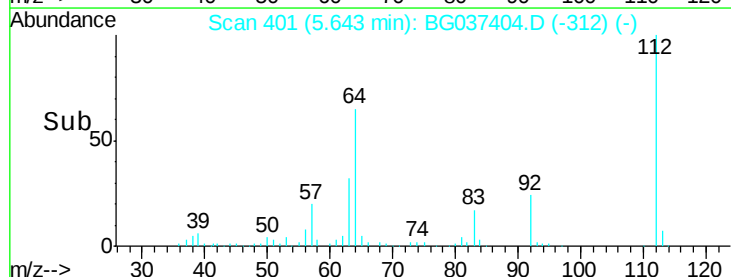
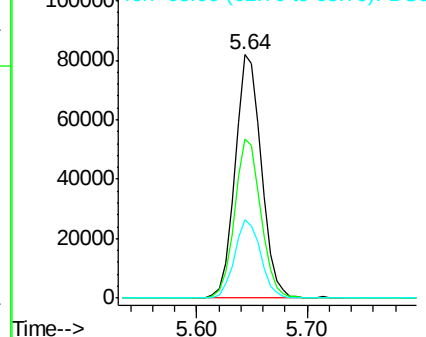


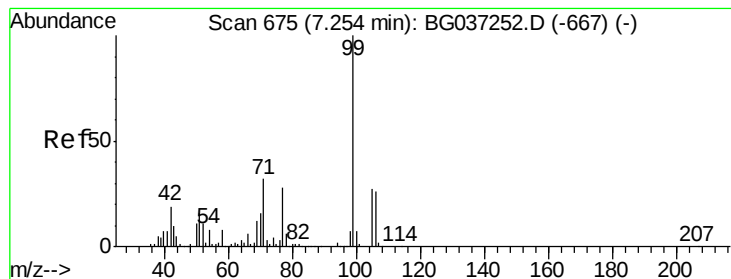
#5
 2-Fluorophenol
 Concen: 40.134 ng
 RT: 5.64 min Scan# 401
 Delta R.T. -0.01 min
 Lab File: BG037404.D
 Acq: 18 Oct 2018 00:01

Tgt Ion:112 Resp: 136401
 Ion Ratio Lower Upper
 112 100
 64 65.4 53.1 79.7
 63 32.1 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: 23.650 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG037404.D

Acq: 18 Oct 2018 00:01

Instrument :

BNA_G

ClientSampleId :

101518-SIDI-E-D-S

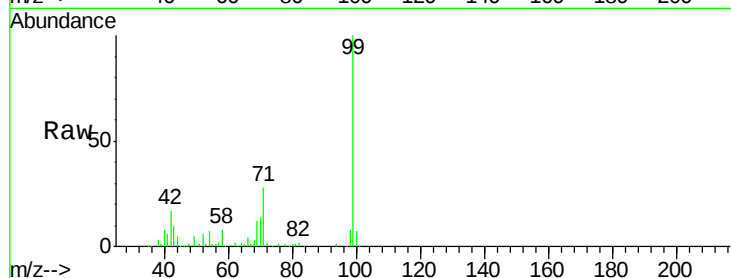
Tgt Ion: 99 Resp: 122002

Ion Ratio Lower Upper

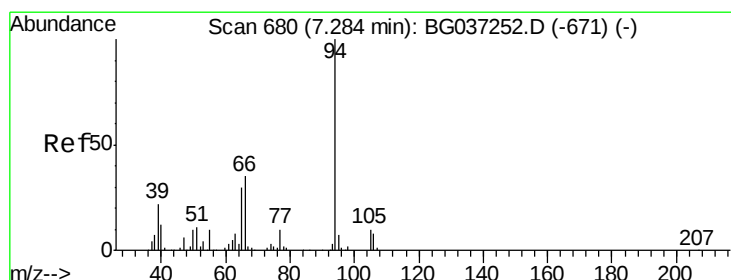
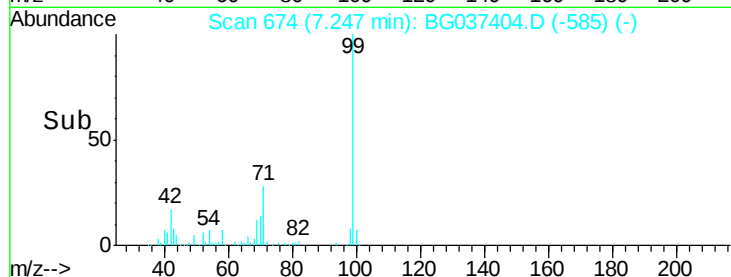
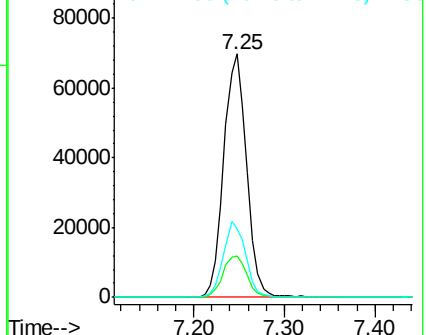
99 100

42 17.1 15.0 22.4

71 28.2 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: 2.818 ng

RT: 7.28 min Scan# 679

Delta R.T. -0.01 min

Lab File: BG037404.D

Acq: 18 Oct 2018 00:01

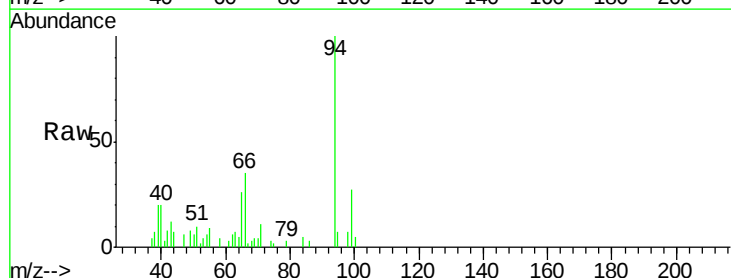
Tgt Ion: 94 Resp: 15310

Ion Ratio Lower Upper

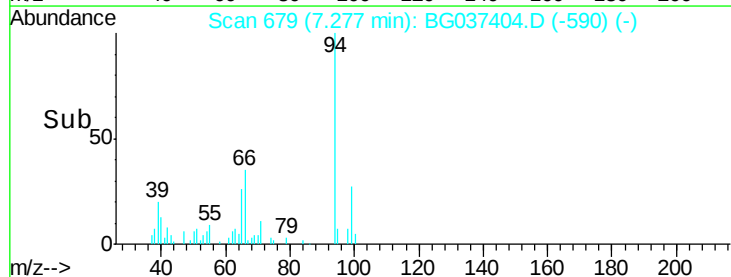
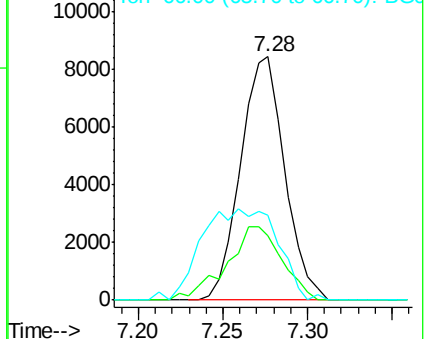
94 100

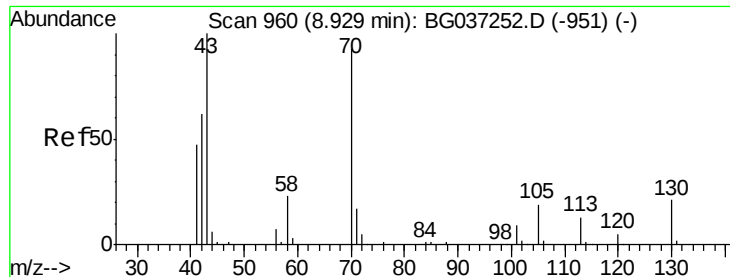
65 26.3 9.7 49.7

66 35.1 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

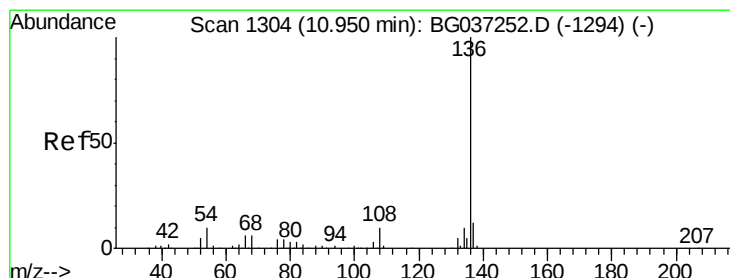
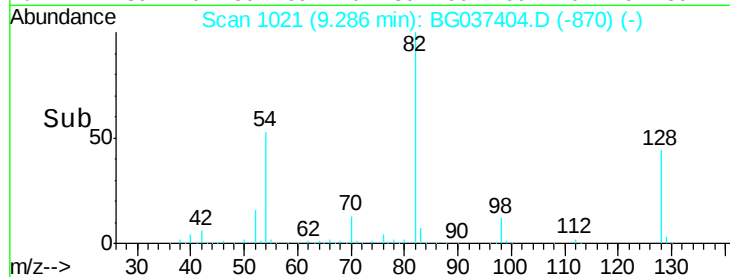
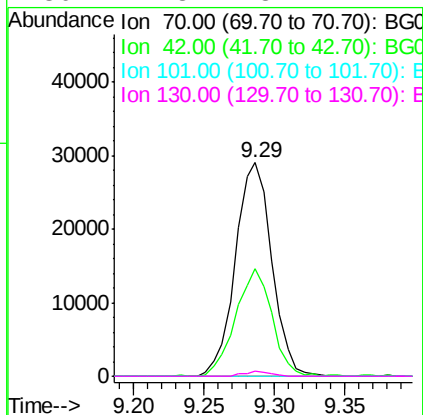
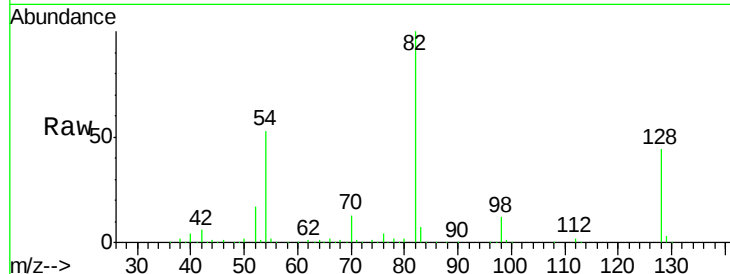




#19
n-Nitroso-di-n-propylamine
Concen: 13.383 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.36 min
Lab File: BG037404.D
Acq: 18 Oct 2018 00:01

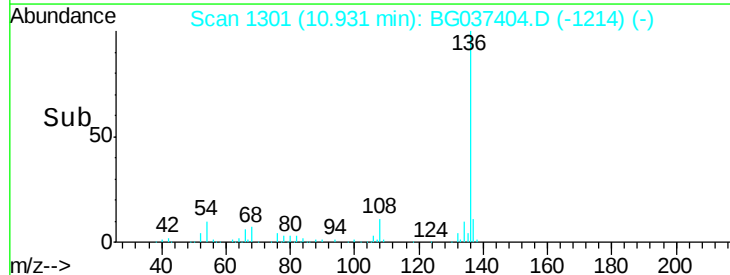
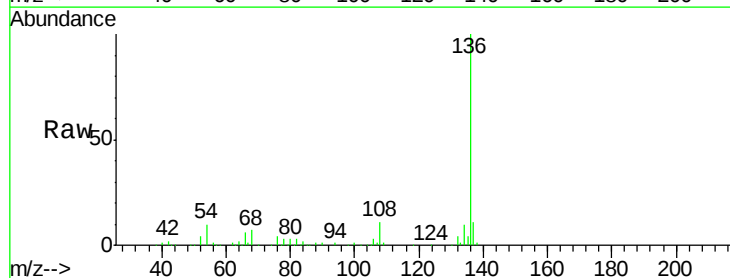
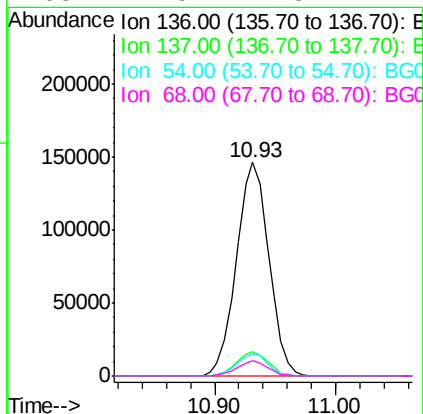
Instrument :
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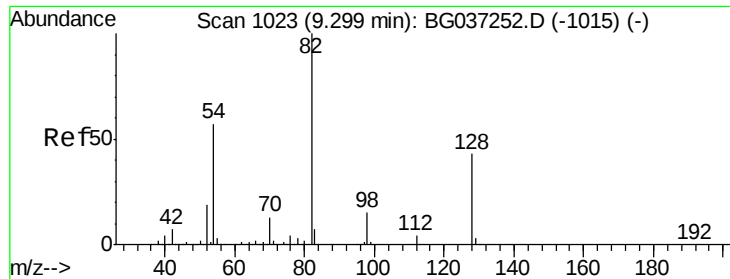
Tgt Ion: 70 Resp: 52270
Ion Ratio Lower Upper
70 100
42 50.3 53.9 80.9#
101 0.0 8.2 12.2#
130 2.3 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037404.D
Acq: 18 Oct 2018 00:01

Tgt Ion: 136 Resp: 273723
Ion Ratio Lower Upper
136 100
137 11.4 9.6 14.4
54 10.3 7.9 11.9
68 7.5 4.8 7.2#

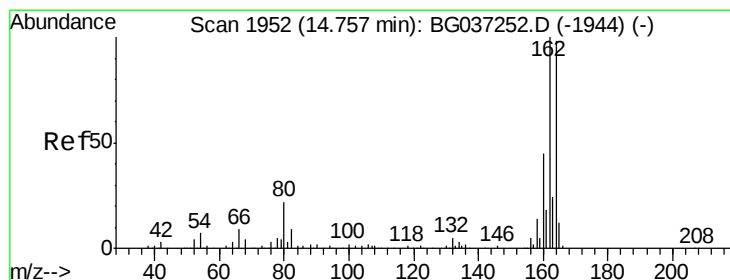
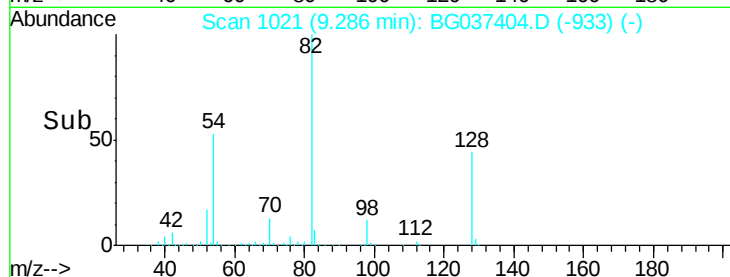
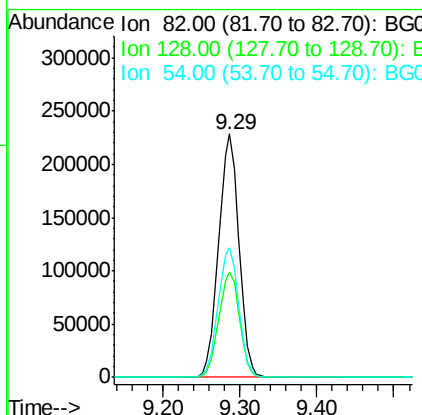
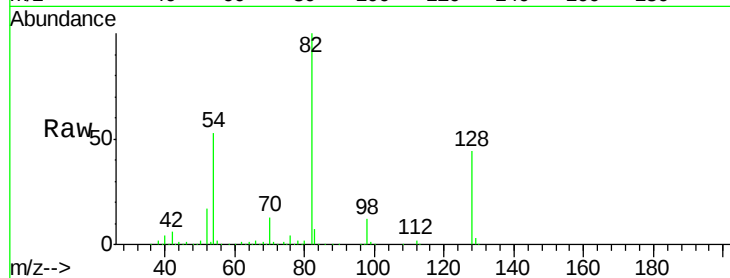




#23
Nitrobenzene-d5
Concen: 99.999 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037404.D
Acq: 18 Oct 2018 00:01

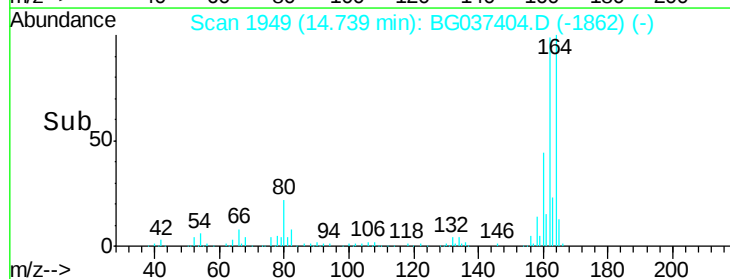
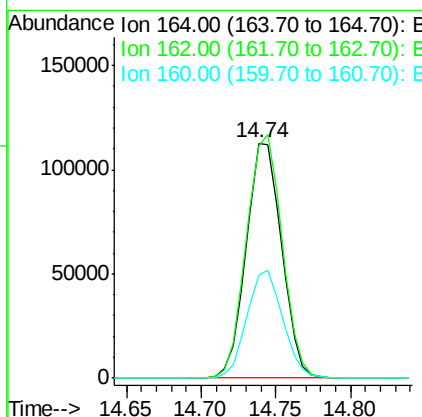
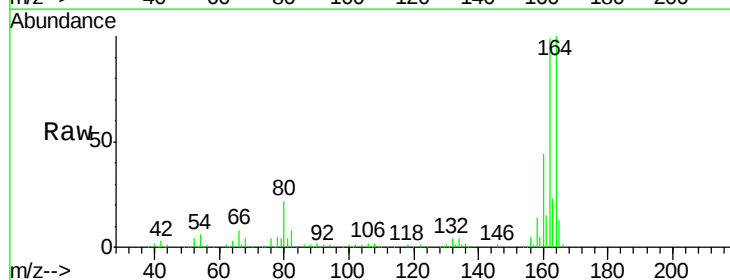
Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-D-S

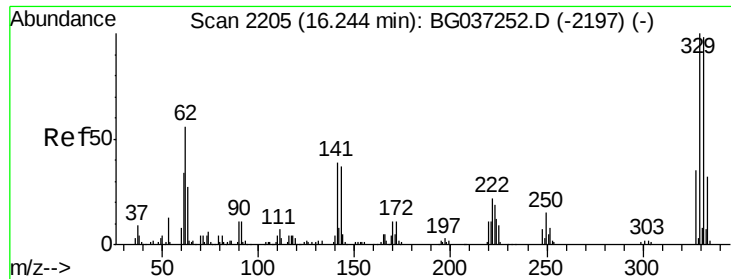
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.6	51.8
54	53.3	45.3	67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.02 min
Lab File: BG037404.D
Acq: 18 Oct 2018 00:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.7	81.3	121.9
160	43.8	36.3	54.5

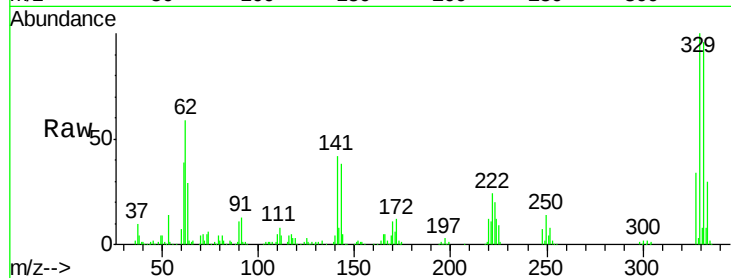




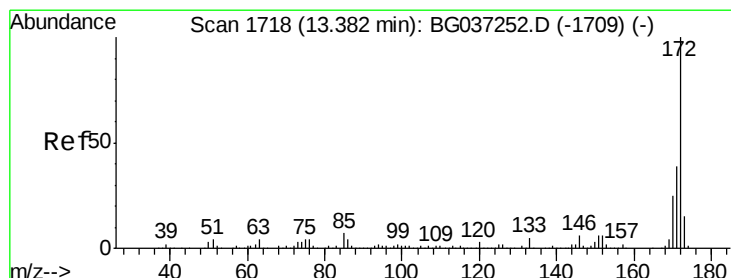
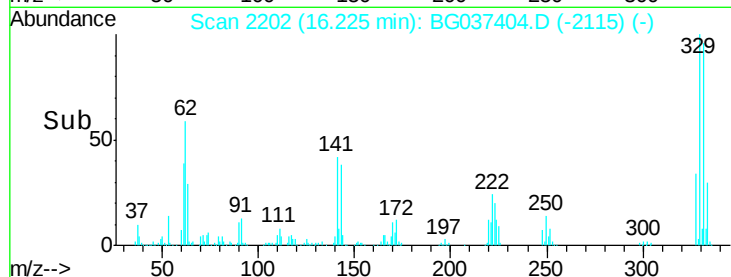
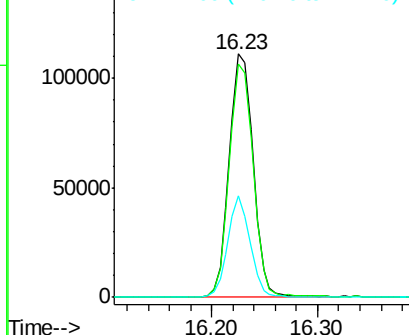
#42
 2,4,6-Tribromophenol
 Concen: 96.581 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG037404.D
 Acq: 18 Oct 2018 00:01

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.4	117.6
141	38.5	32.2	48.2

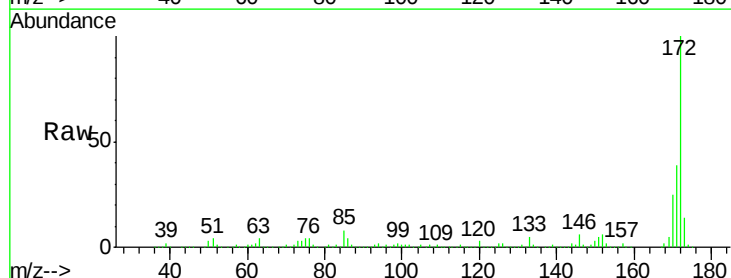


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

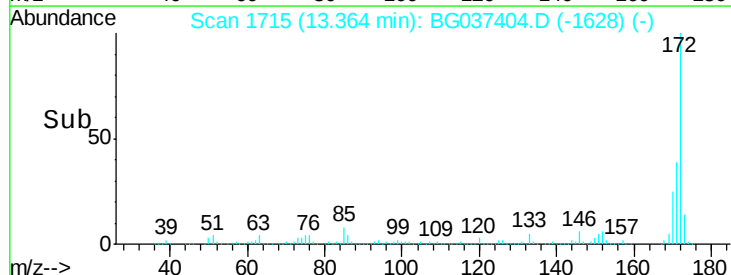
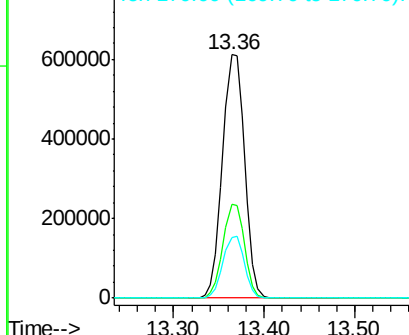


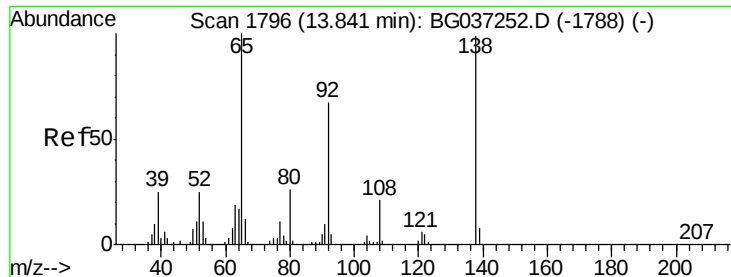
#45
 2-Fluorobiphenyl
 Concen: 84.824 ng
 RT: 13.36 min Scan# 1715
 Delta R.T. -0.02 min
 Lab File: BG037404.D
 Acq: 18 Oct 2018 00:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.0	46.4
170	25.0	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

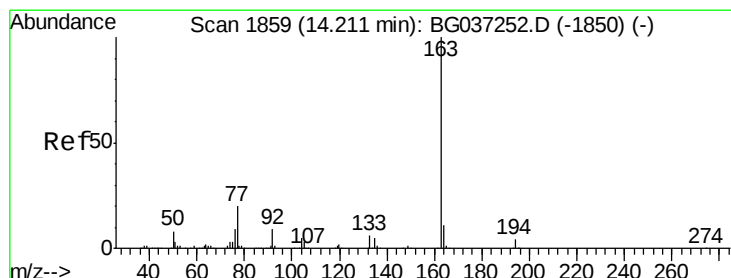
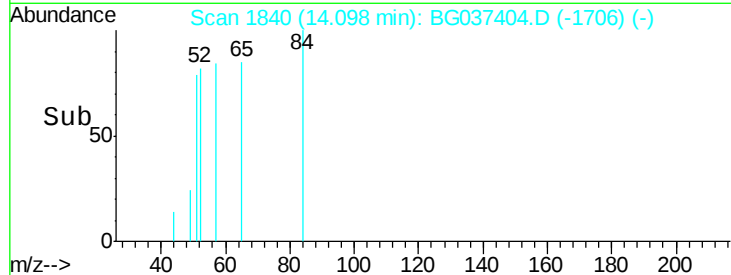
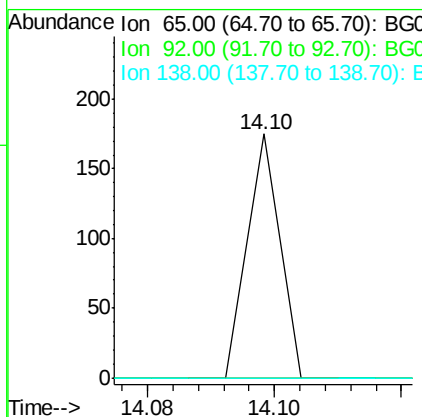
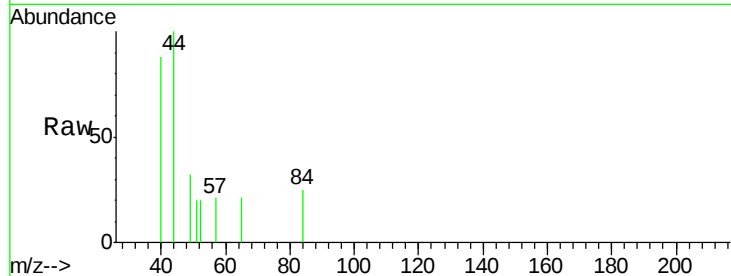




#48
 2-Nitroaniline
 Concen: 5.773 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. 0.26 min
 Lab File: BG037404.D
 Acq: 18 Oct 2018 00:01

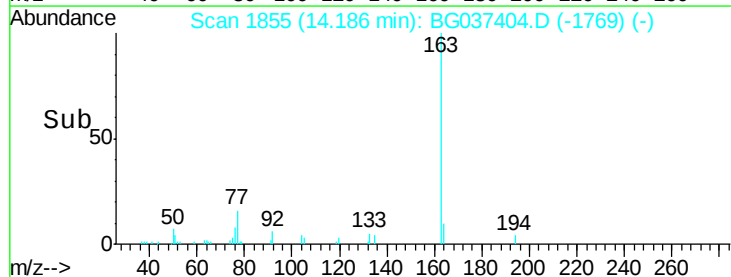
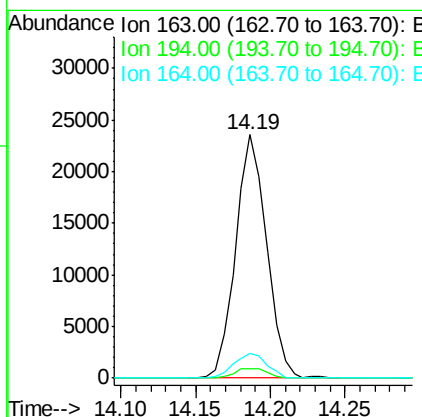
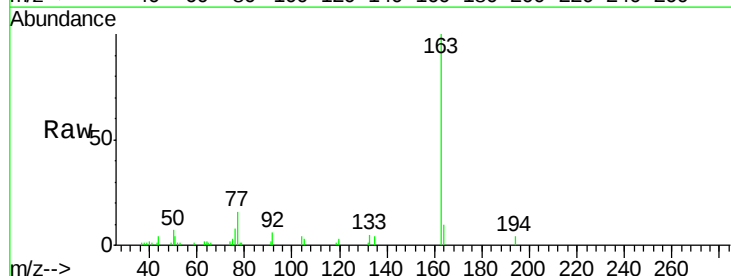
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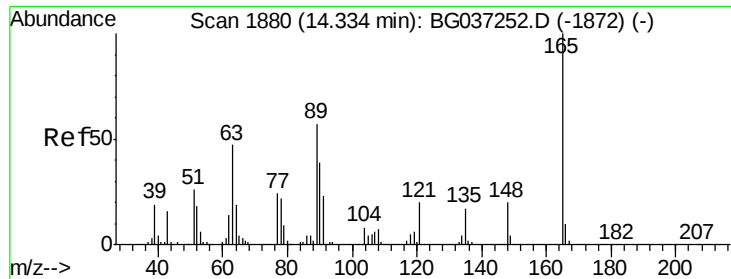
Tgt Ion: 65 Resp: 62
 Ion Ratio Lower Upper
 65 100
 92 0.0 53.2 79.8#
 138 0.0 79.3 118.9#



#50
 Dimethylphthalate
 Concen: 2.338 ng
 RT: 14.19 min Scan# 1855
 Delta R.T. -0.02 min
 Lab File: BG037404.D
 Acq: 18 Oct 2018 00:01

Tgt Ion:163 Resp: 33897
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.5 5.3
 164 10.3 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 12.251 ng

RT: 14.74 min Scan# 1949

Delta R.T. 0.40 min

Lab File: BG037404.D

Acq: 18 Oct 2018 00:01

Instrument :

BNA_G

ClientSampleId :

101518-SIDI-E-D-S

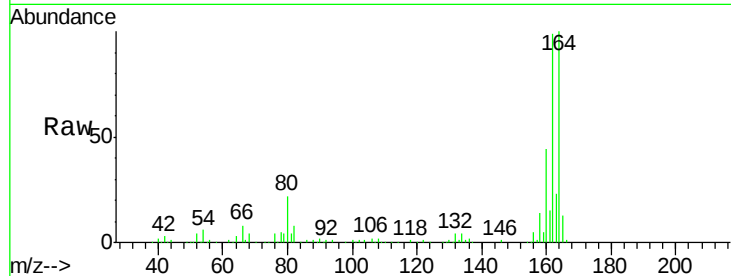
Tgt Ion:165 Resp: 23292

Ion Ratio Lower Upper

165 100

63 1.7 43.4 65.2#

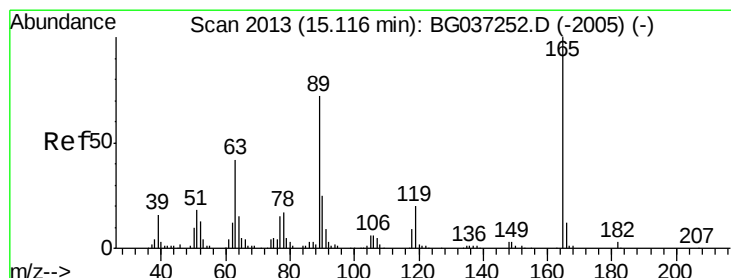
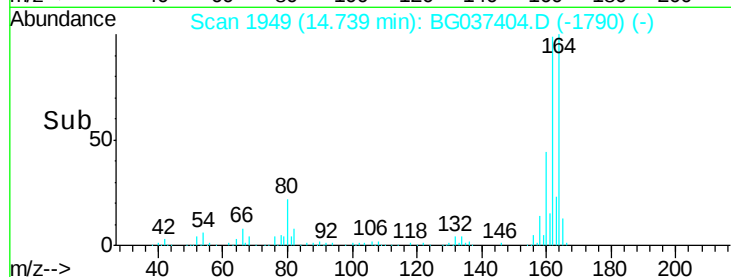
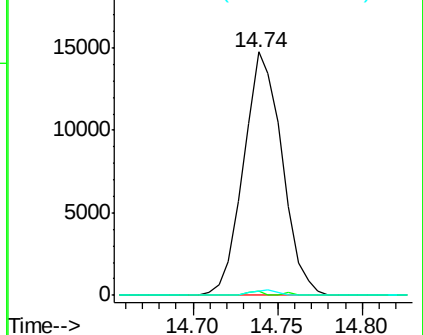
89 1.5 45.8 68.6#



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: 11.140 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.38 min

Lab File: BG037404.D

Acq: 18 Oct 2018 00:01

Tgt Ion:165 Resp: 23292

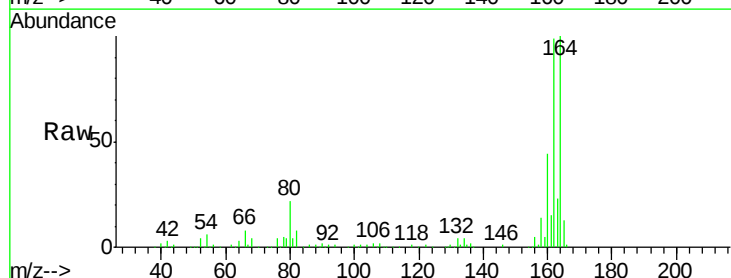
Ion Ratio Lower Upper

165 100

63 1.7 33.4 50.0#

89 1.5 57.2 85.8#

182 0.0 2.6 4.0#

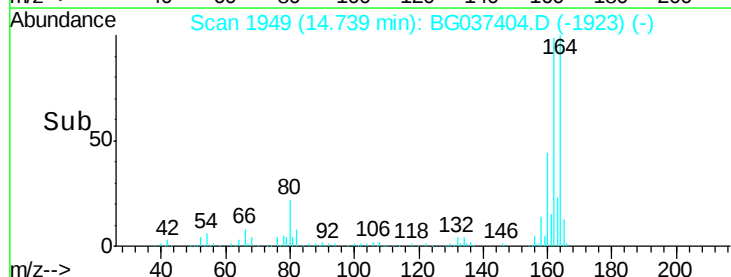
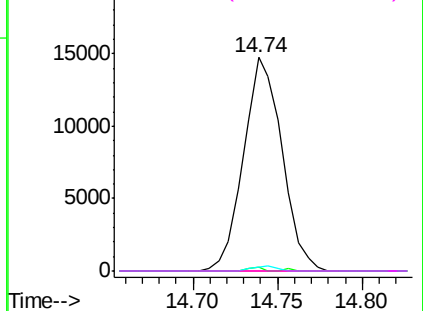


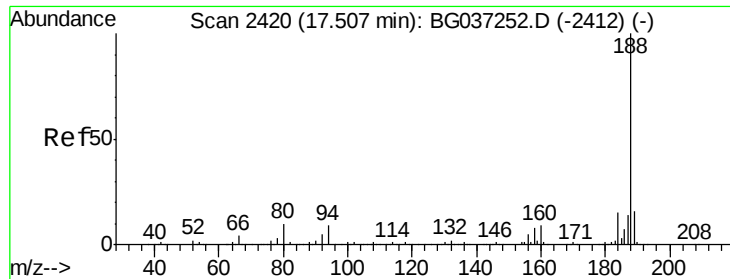
Abundance Ion 165.00 (164.70 to 165.70): E

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

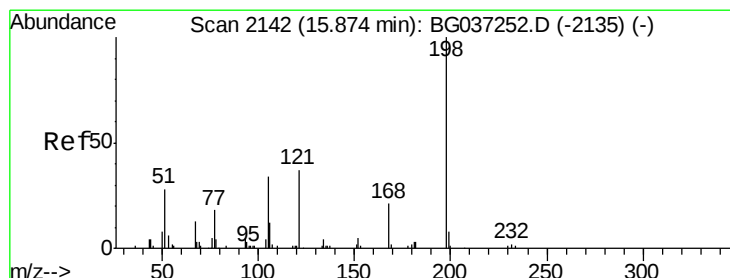
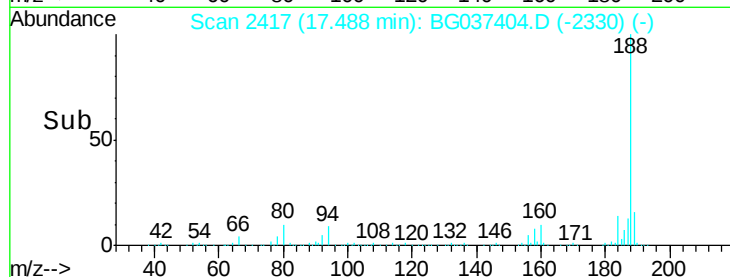
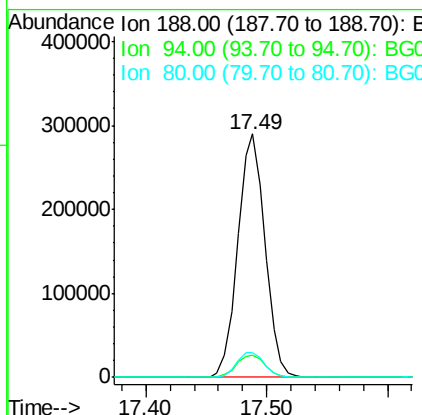
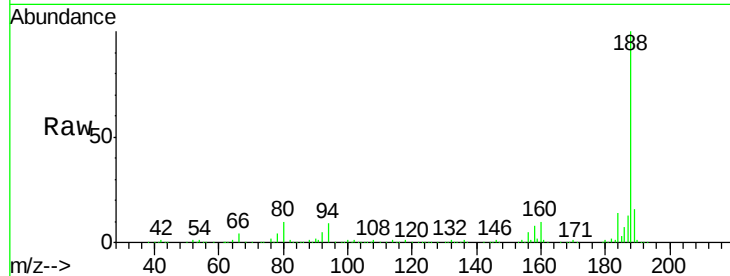




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG037404.D
Acq: 18 Oct 2018 00:01

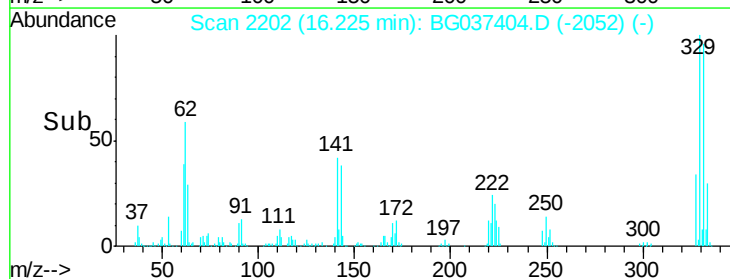
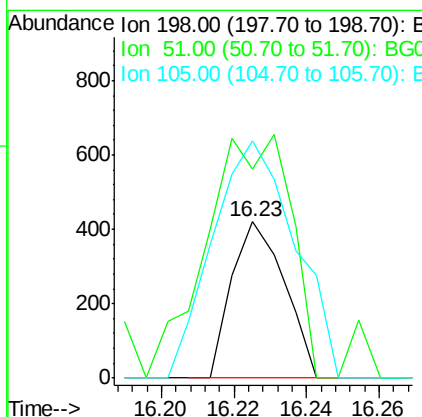
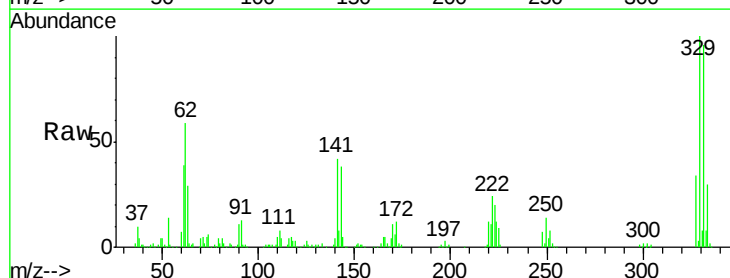
Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-D-S

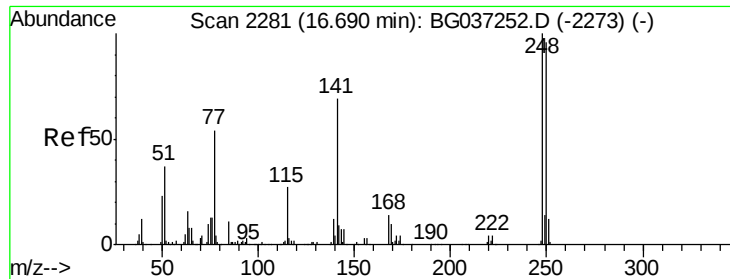
Tgt Ion:188 Resp: 456117
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 10.1 7.7 11.5



#65
4,6-Dinitro-2-methylphenol
Concen: 6.207 ng
RT: 16.23 min Scan# 2202
Delta R.T. 0.35 min
Lab File: BG037404.D
Acq: 18 Oct 2018 00:01

Tgt Ion:198 Resp: 426
Ion Ratio Lower Upper
198 100
51 29.3 22.7 62.7
105 33.3 19.7 59.7

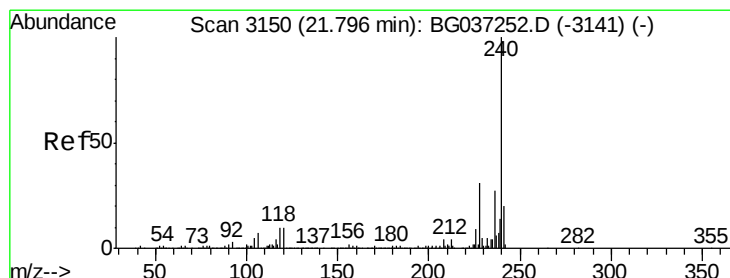
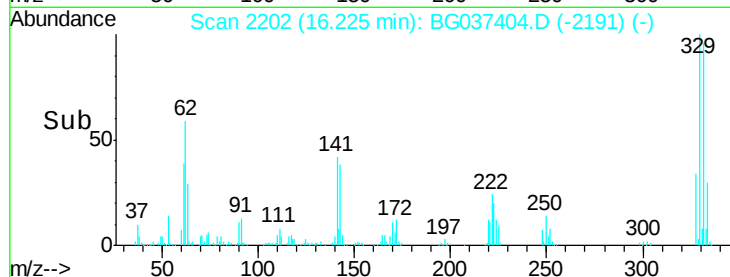
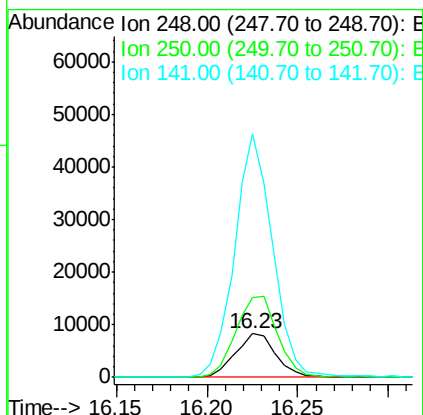
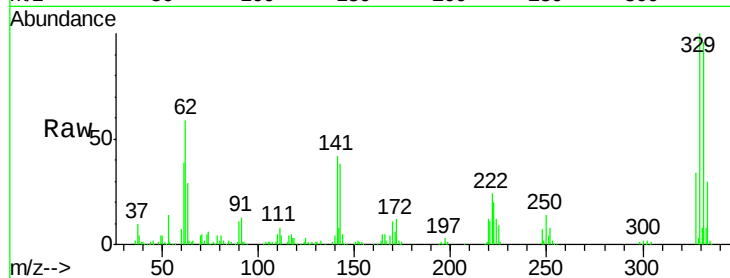




#67
 4-Bromophenyl-phenylether
 Concen: 2.604 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.47 min
 Lab File: BG037404.D
 Acq: 18 Oct 2018 00:01

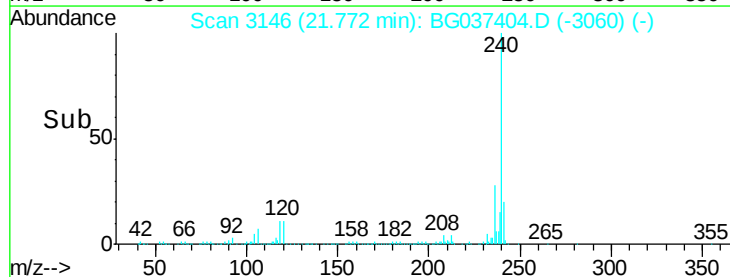
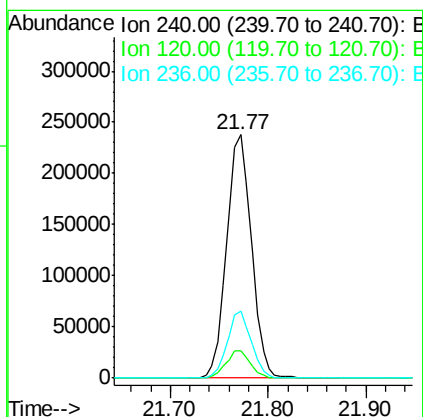
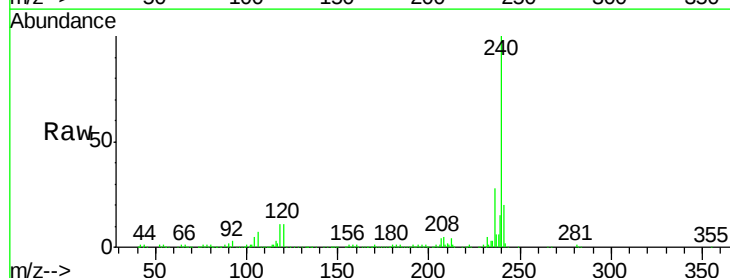
Instrument :
 BNA_G
 ClientSampleId :
 101518-SIDI-E-D-S

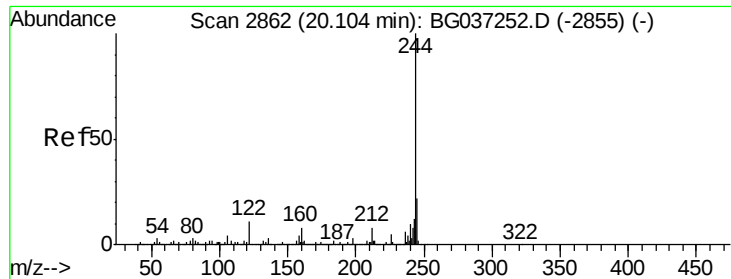
Tgt Ion:248 Resp: 12821
 Ion Ratio Lower Upper
 248 100
 250 182.7 77.0 115.6#
 141 424.4 55.5 83.3#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3146
 Delta R.T. -0.02 min
 Lab File: BG037404.D
 Acq: 18 Oct 2018 00:01

Tgt Ion:240 Resp: 421357
 Ion Ratio Lower Upper
 240 100
 120 11.2 8.1 12.1
 236 27.7 21.4 32.0





#79

Terphenyl-d14

Concen: 77.050 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.02 min

Lab File: BG037404.D

Acq: 18 Oct 2018 00:01

Instrument :

BNA_G

ClientSampleId :

101518-SIDI-E-D-S

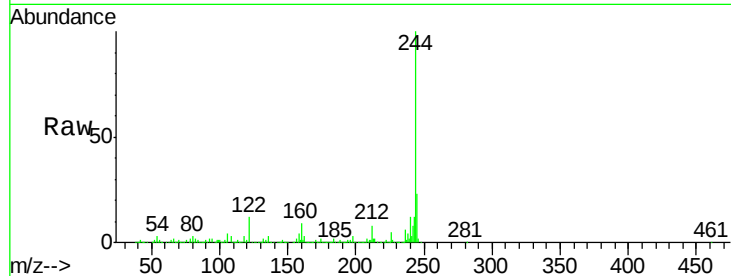
Tgt Ion:244 Resp: 1546172

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

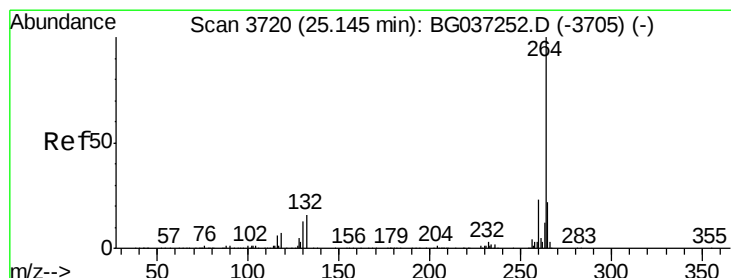
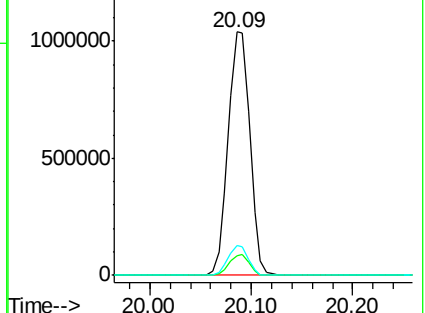
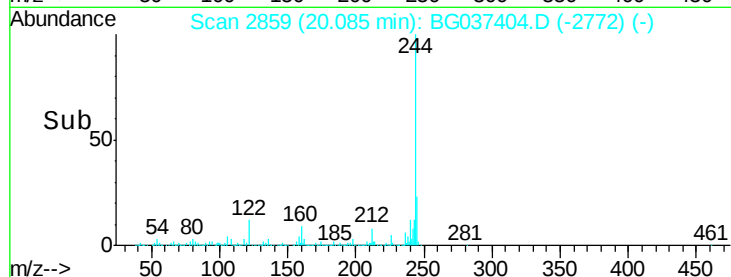
122 12.4 9.0 13.4



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: BG037404.D

Acq: 18 Oct 2018 00:01

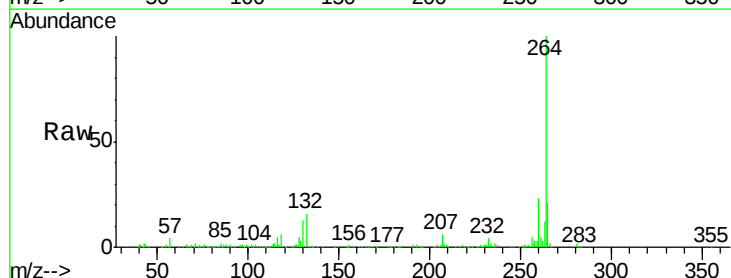
Tgt Ion:264 Resp: 421810

Ion Ratio Lower Upper

264 100

260 22.8 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

