

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101718\
 Data File : BG037402.D
 Acq On : 17 Oct 2018 22:43
 Operator : JU/SJ
 Sample : J5541-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Oct 18 11:45:08 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

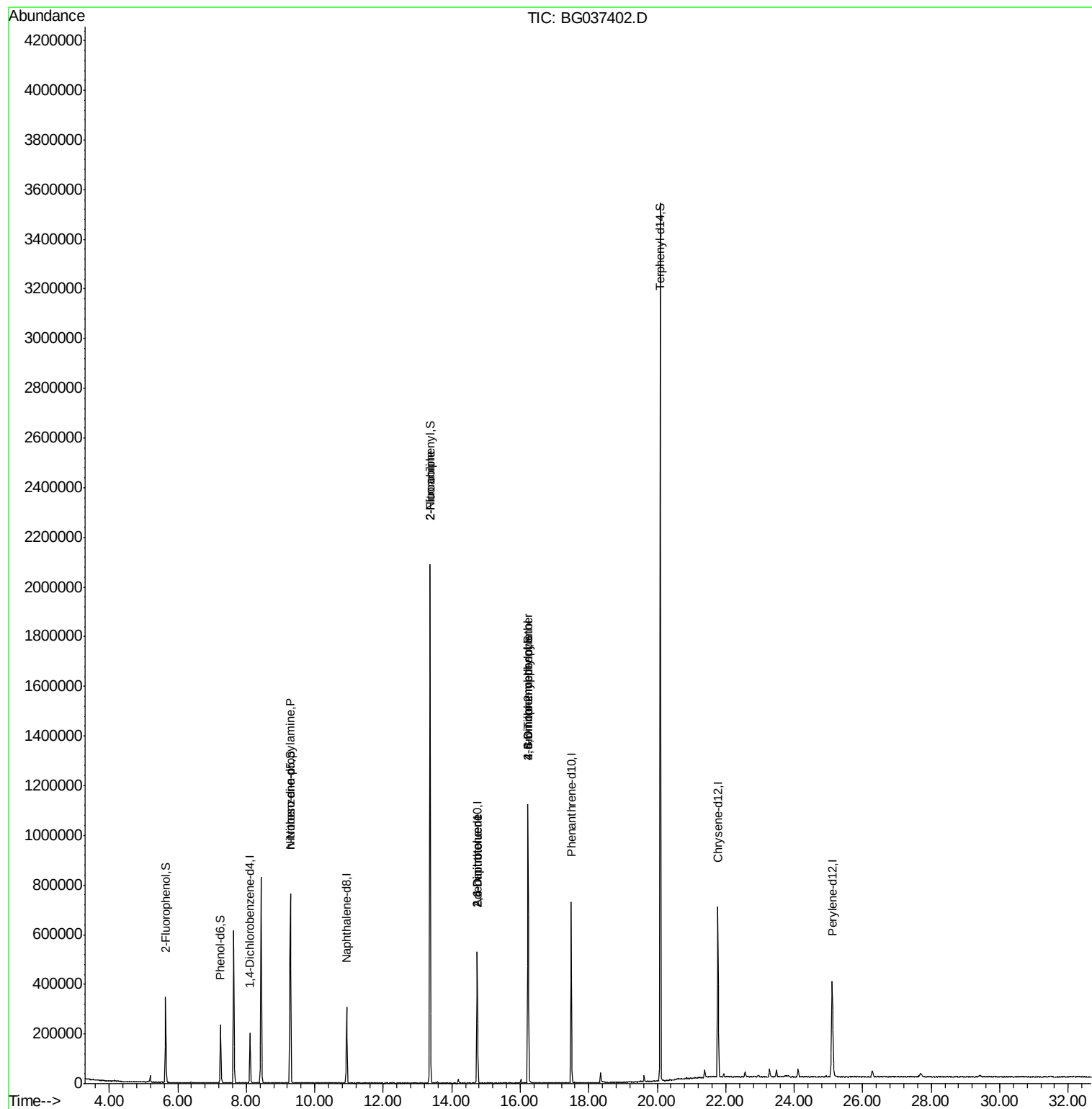
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	59637	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	272561	20.00	ng	-0.02
39) Acenaphthene-d10	14.75	164	186085	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	459278	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	421929	20.00	ng	-0.02
87) Perylene-d12	25.11	264	419486	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	161111	47.54	ng	0.00
7) Phenol-d6	7.25	99	144882	28.17	ng	0.00
23) Nitrobenzene-d5	9.29	82	472920	114.07	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	202528	110.98	ng	-0.02
45) 2-Fluorobiphenyl	13.36	172	1161728	93.76	ng	-0.02
79) Terphenyl-d14	20.09	244	1667943	83.01	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.29	70	60773	15.606	ng	# 72
48) 2-Nitroaniline	13.37	65	2052	6.332	ng	# 1
51) 2,6-Dinitrotoluene	14.75	165	24330	12.517	ng	# 25
57) 2,4-Dinitrotoluene	14.75	165	24330	11.348	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.23	198	584	6.301	ng	# 75
67) 4-Bromophenyl-phenylether	16.23	248	15593	3.146	ng	# 1

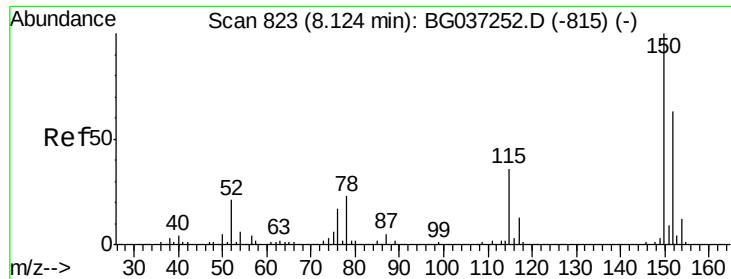
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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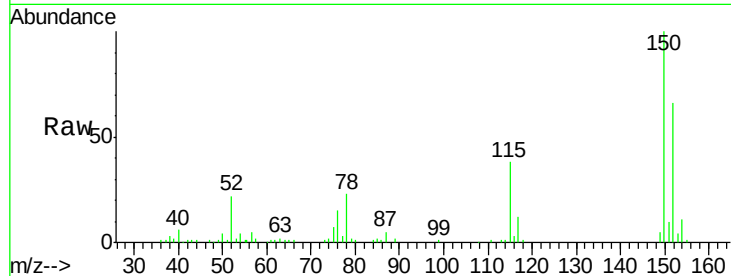


#1

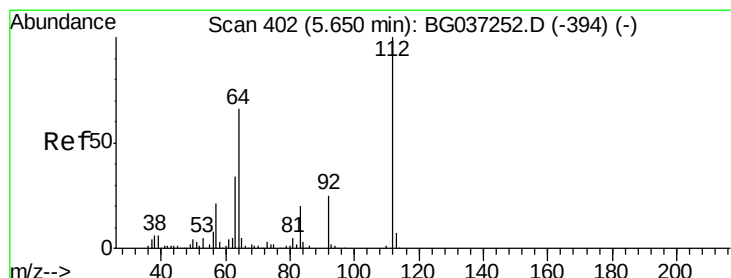
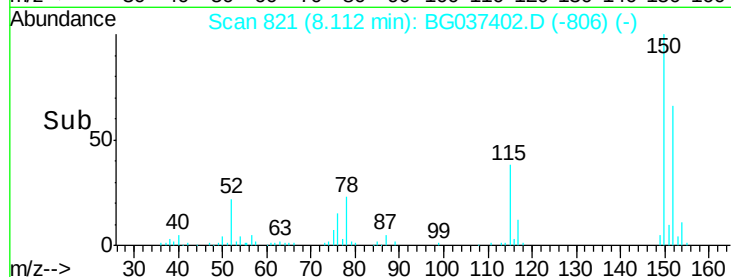
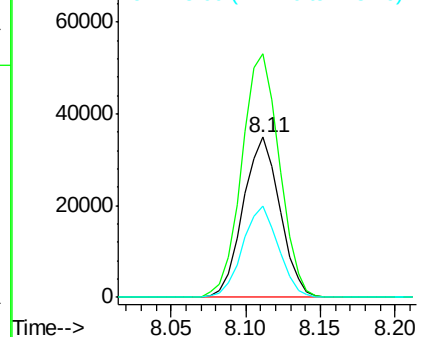
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037402.D
Acq: 17 Oct 2018 22:43

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

Tgt Ion:152 Resp: 59637
Ion Ratio Lower Upper
152 100
150 152.2 126.0 189.0
115 57.1 45.5 68.3



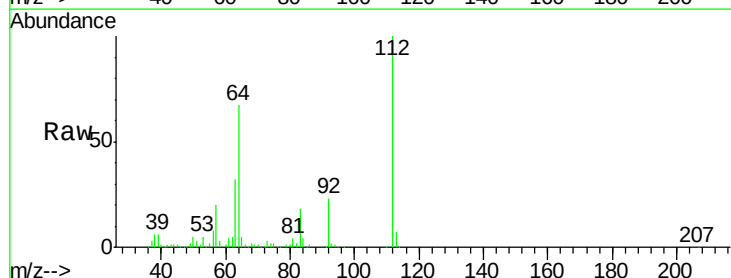
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



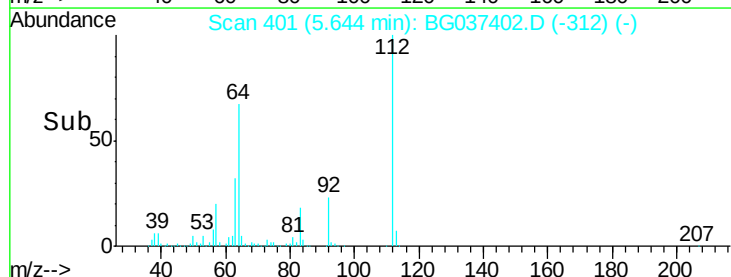
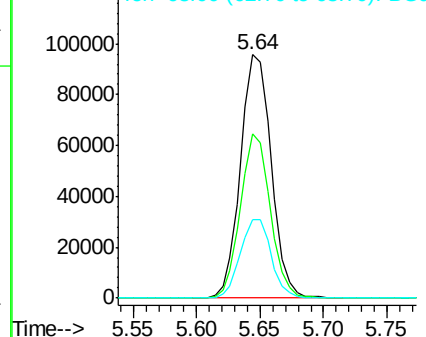
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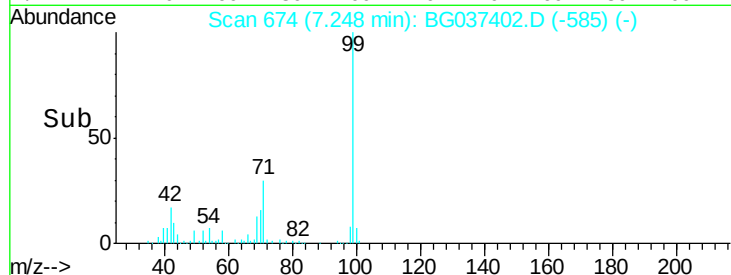
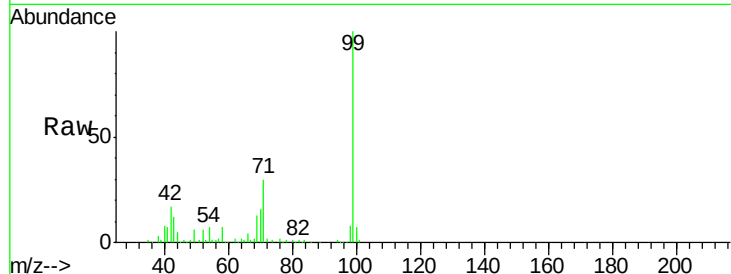
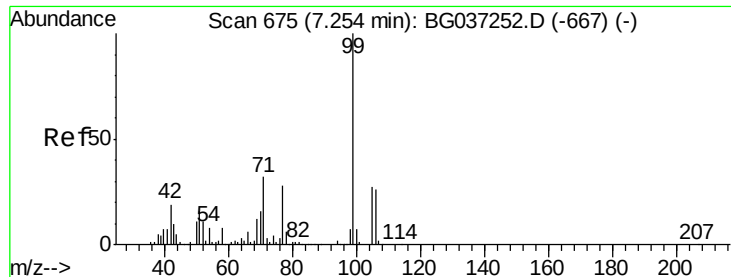
2-Fluorophenol
Concen: 47.544 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.01 min
Lab File: BG037402.D
Acq: 17 Oct 2018 22:43

Tgt Ion:112 Resp: 161111
Ion Ratio Lower Upper
112 100
64 67.5 53.1 79.7
63 32.0 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

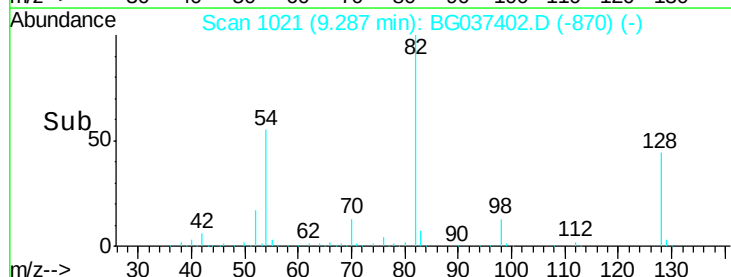
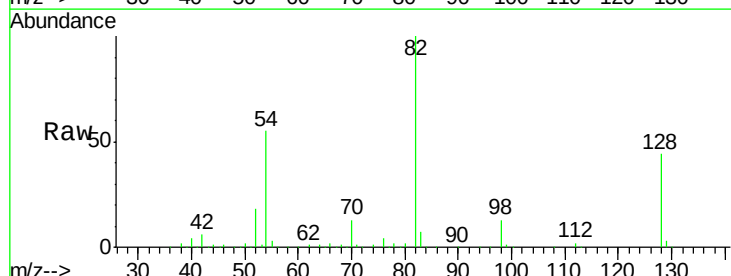
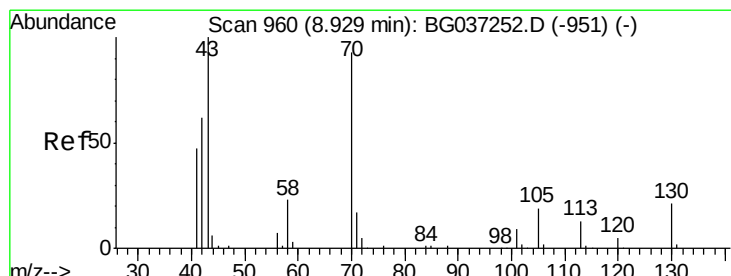
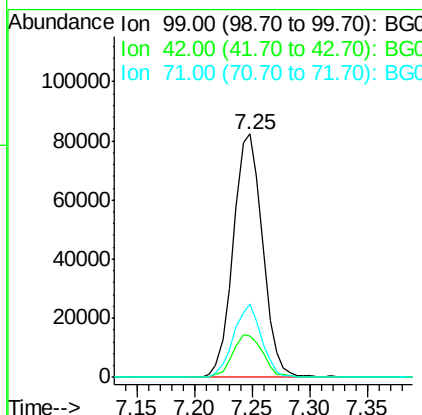




#7
Phenol-d6
Concen: 28.168 ng
RT: 7.25 min Scan# 674
Delta R.T. -0.01 min
Lab File: BG037402.D
Acq: 17 Oct 2018 22:43

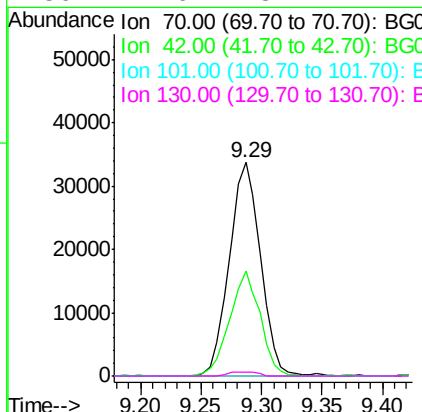
Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-D-B

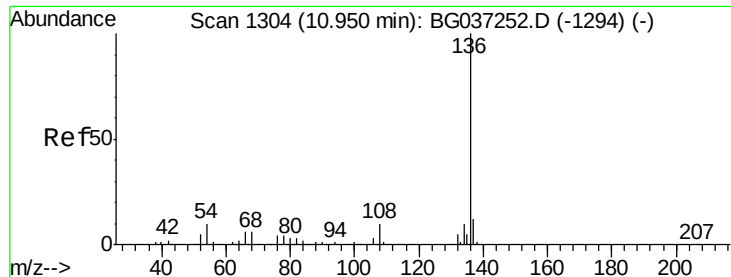
Tgt Ion: 99 Resp: 144882
Ion Ratio Lower Upper
99 100
42 17.2 15.0 22.4
71 30.3 25.5 38.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.606 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.36 min
Lab File: BG037402.D
Acq: 17 Oct 2018 22:43

Tgt Ion: 70 Resp: 60773
Ion Ratio Lower Upper
70 100
42 49.3 53.9 80.9#
101 0.0 8.2 12.2#
130 1.6 18.2 27.4#

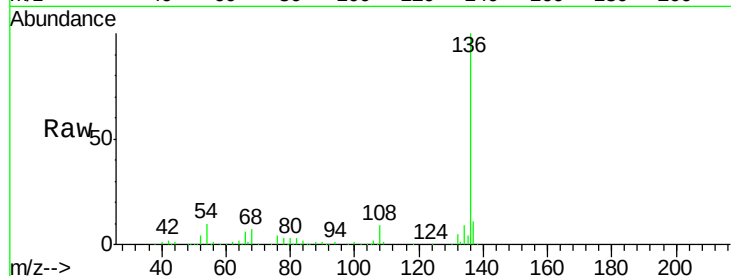




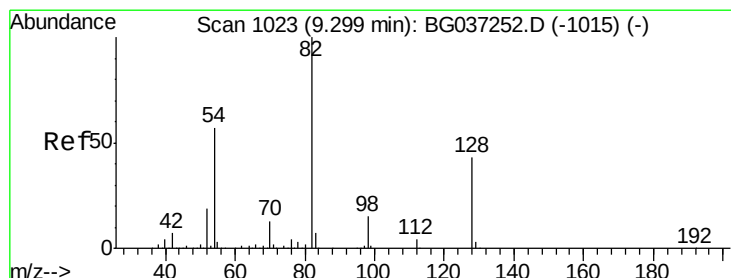
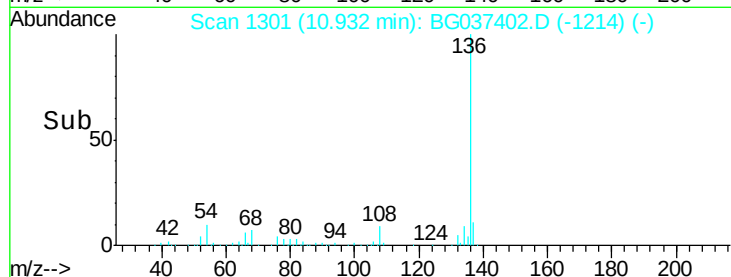
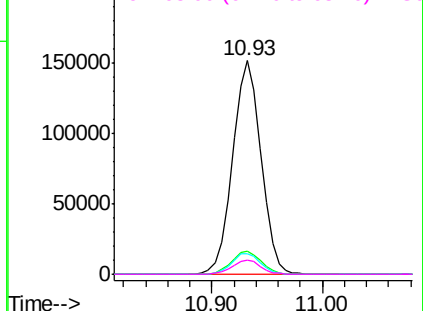
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037402.D
Acq: 17 Oct 2018 22:43

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

Tgt Ion:	136	Resp:	272561
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	9.7	7.9	11.9
68	6.7	4.8	7.2

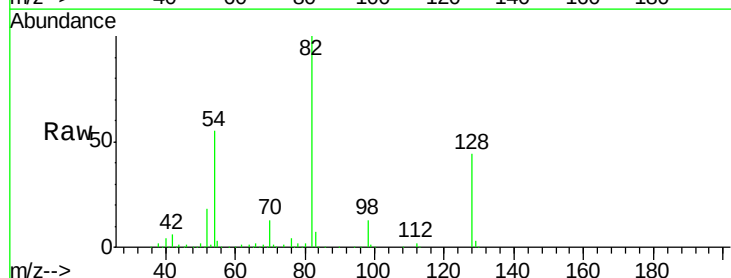


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

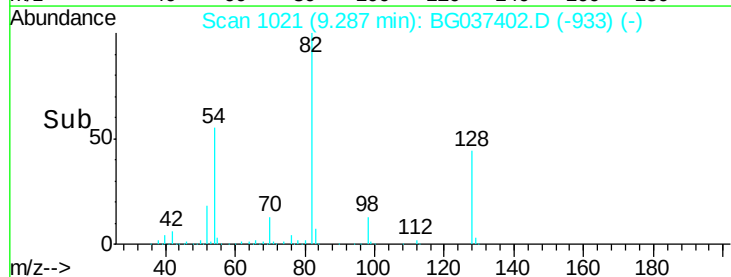
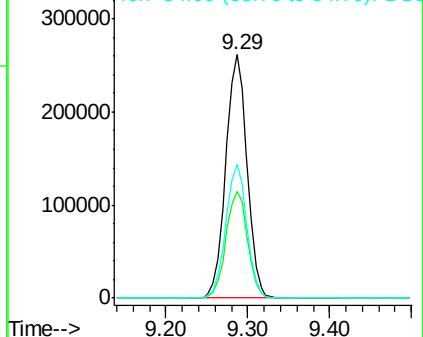


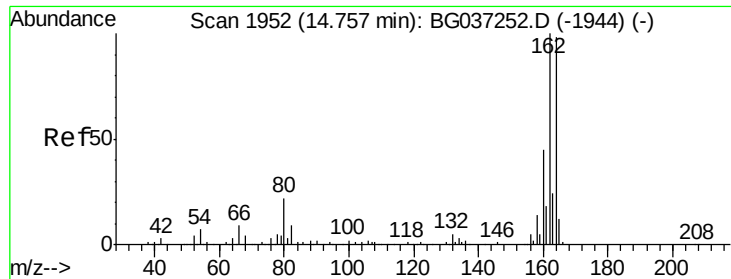
#23
Nitrobenzene-d5
Concen: 114.074 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037402.D
Acq: 17 Oct 2018 22:43

Tgt Ion:	82	Resp:	472920
Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.6	51.8
54	54.9	45.3	67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG037402.D

Acq: 17 Oct 2018 22:43

Instrument :

BNA_G

ClientSampleId :

101518-SIDI-E-D-B

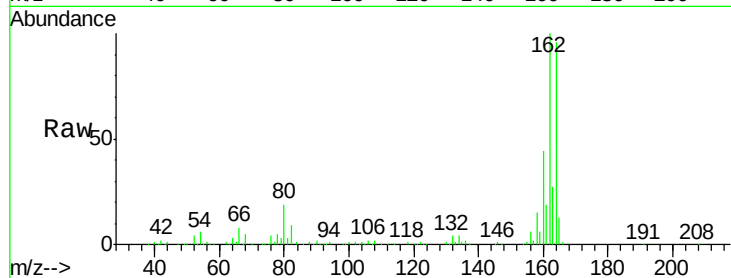
Tgt Ion:164 Resp: 186085

Ion Ratio Lower Upper

164 100

162 104.2 81.3 121.9

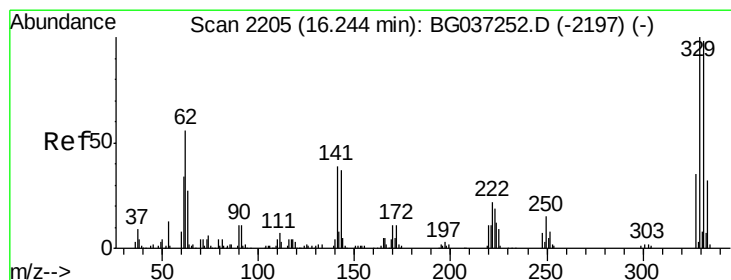
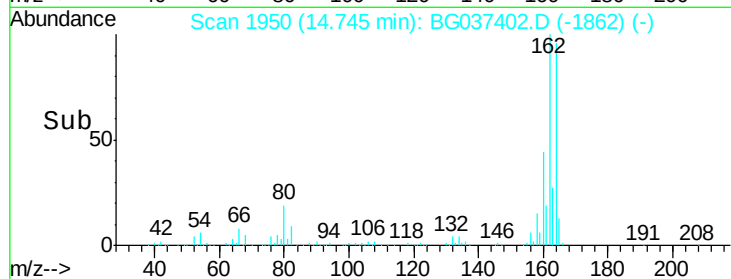
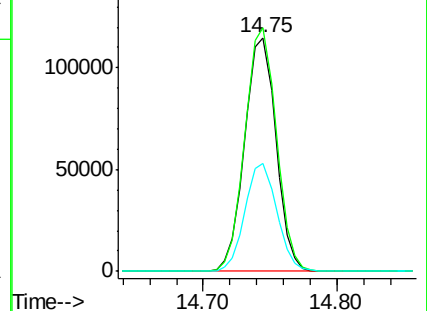
160 46.0 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 110.976 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.02 min

Lab File: BG037402.D

Acq: 17 Oct 2018 22:43

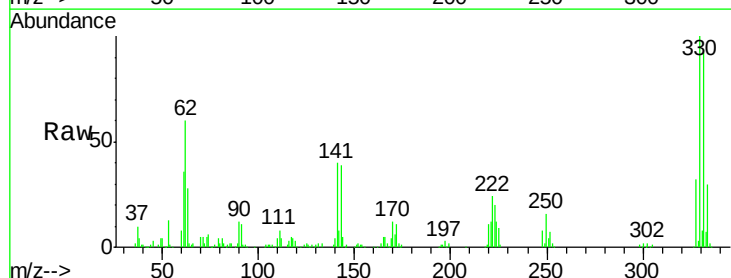
Tgt Ion:330 Resp: 202528

Ion Ratio Lower Upper

330 100

332 95.0 78.4 117.6

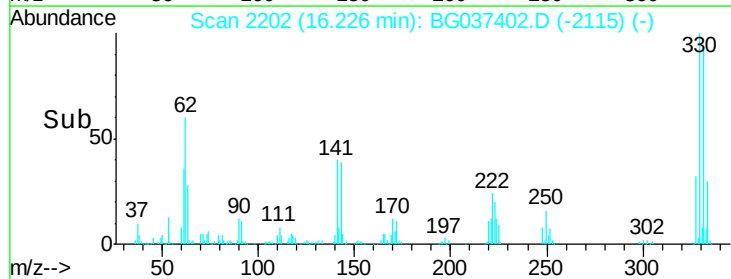
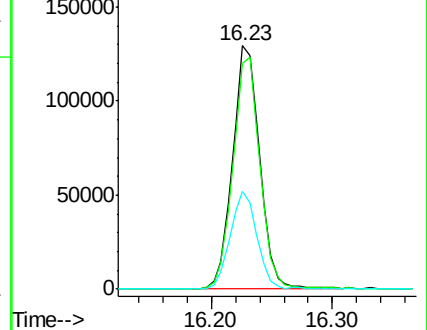
141 39.7 32.2 48.2

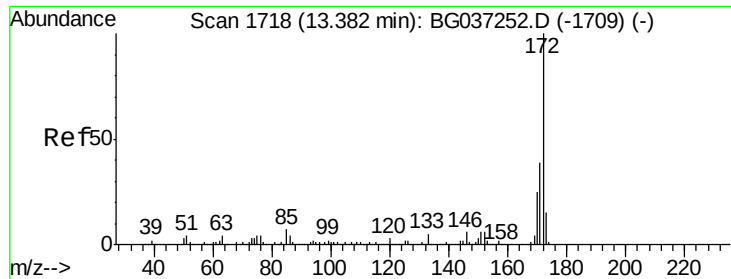


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

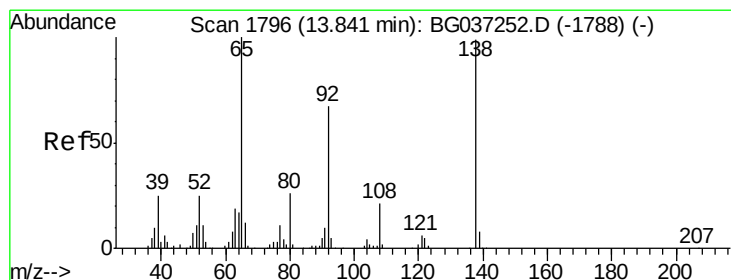
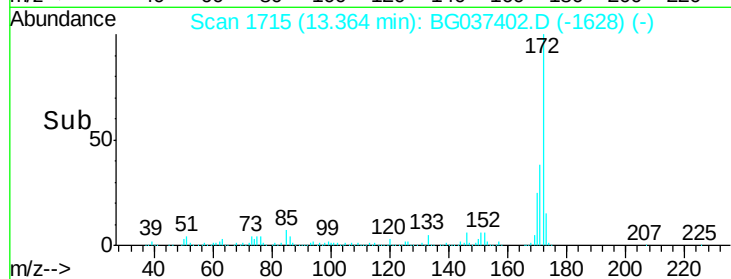
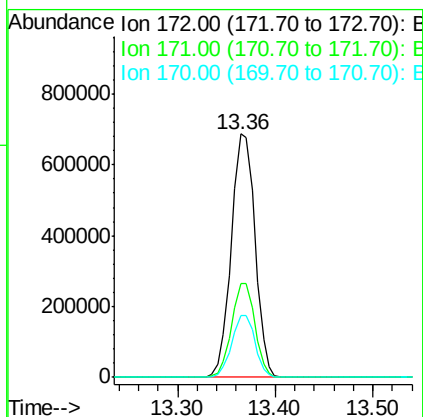
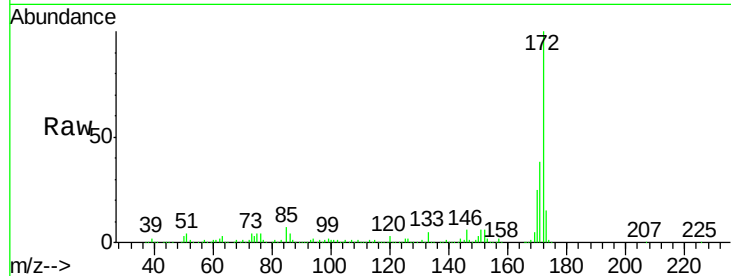




#45
2-Fluorobiphenyl
Concen: 93.755 ng
RT: 13.36 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BG037402.D
Acq: 17 Oct 2018 22:43

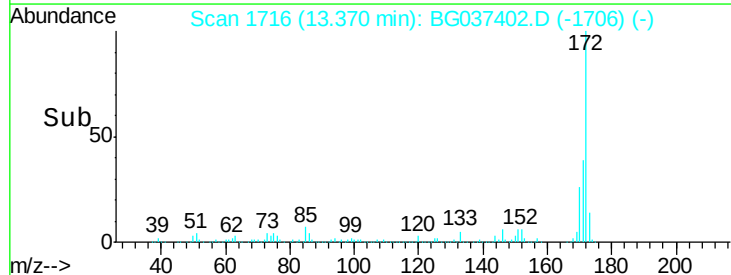
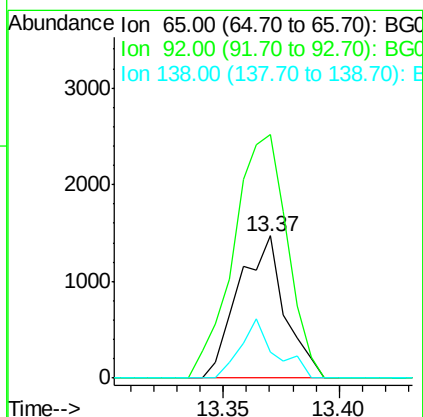
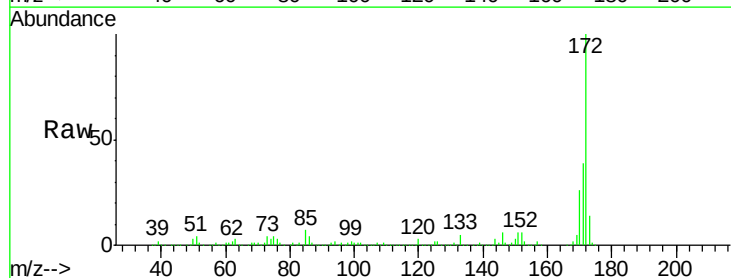
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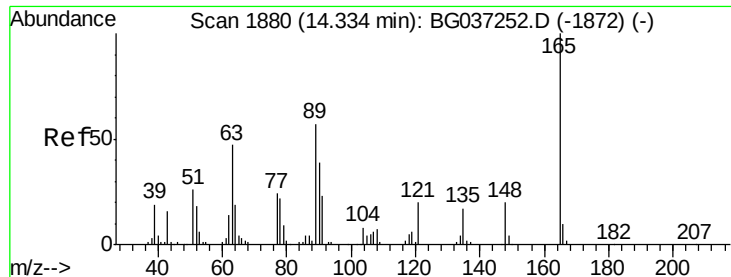
Tgt Ion: 172 Resp: 1161728
Ion Ratio Lower Upper
172 100
171 38.3 31.0 46.4
170 25.4 20.2 30.2



#48
2-Nitroaniline
Concen: 6.332 ng
RT: 13.37 min Scan# 1716
Delta R.T. -0.47 min
Lab File: BG037402.D
Acq: 17 Oct 2018 22:43

Tgt Ion: 65 Resp: 2052
Ion Ratio Lower Upper
65 100
92 171.5 53.2 79.8#
138 18.3 79.3 118.9#

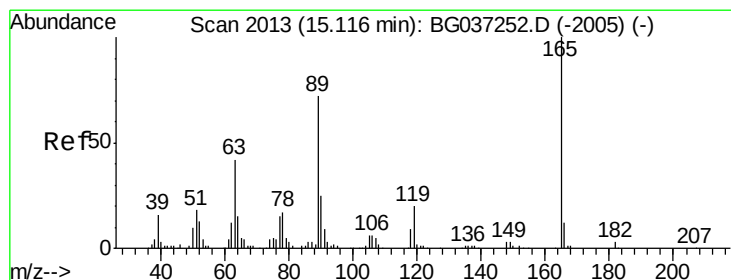
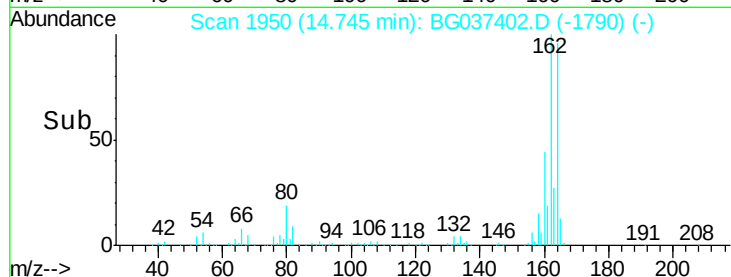
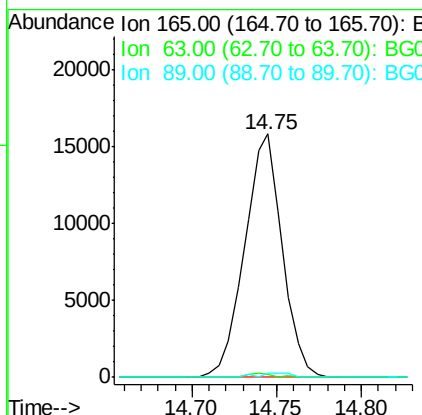
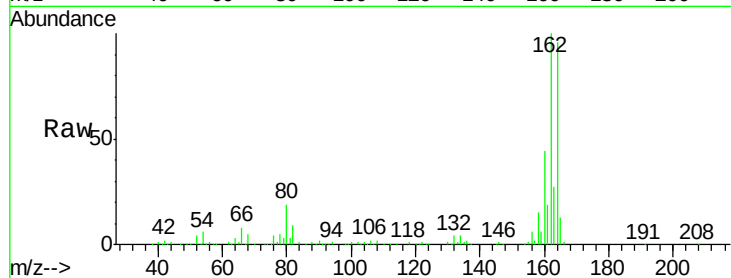




#51
 2,6-Dinitrotoluene
 Concen: 12.517 ng
 RT: 14.75 min Scan# 1950
 Delta R.T. 0.41 min
 Lab File: BG037402.D
 Acq: 17 Oct 2018 22:43

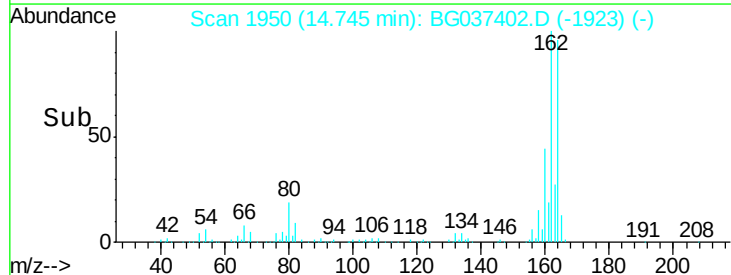
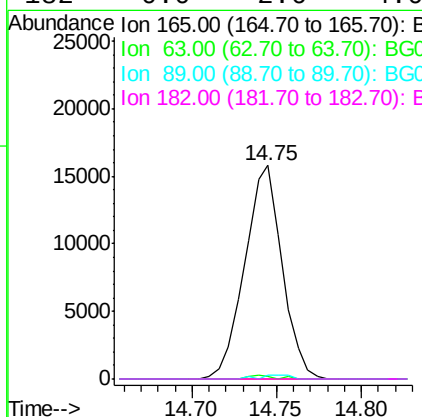
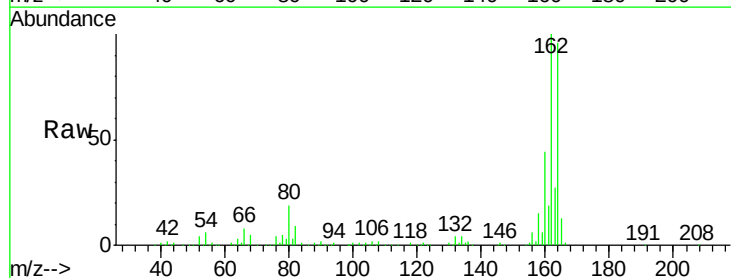
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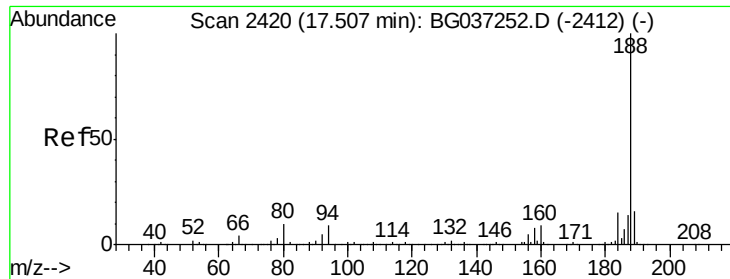
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	43.4	65.2#
89	2.0	45.8	68.6#



#57
 2,4-Dinitrotoluene
 Concen: 11.348 ng
 RT: 14.75 min Scan# 1950
 Delta R.T. -0.37 min
 Lab File: BG037402.D
 Acq: 17 Oct 2018 22:43

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	33.4	50.0#
89	2.0	57.2	85.8#
182	0.0	2.6	4.0#

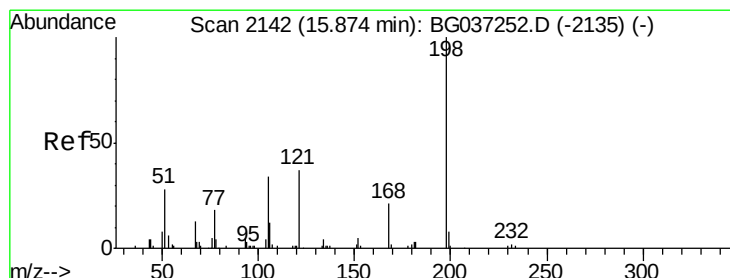
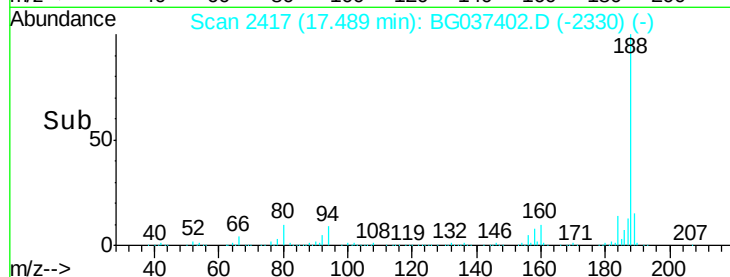
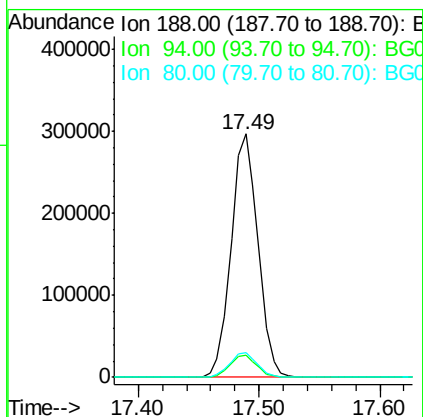
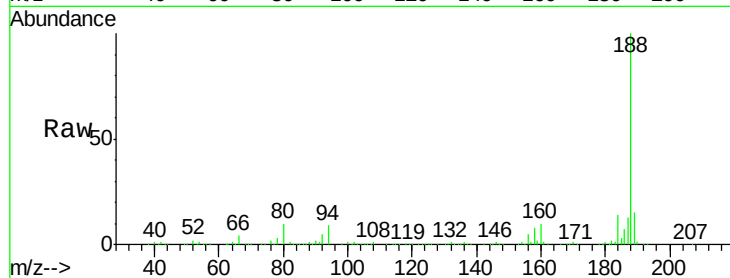




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG037402.D
Acq: 17 Oct 2018 22:43

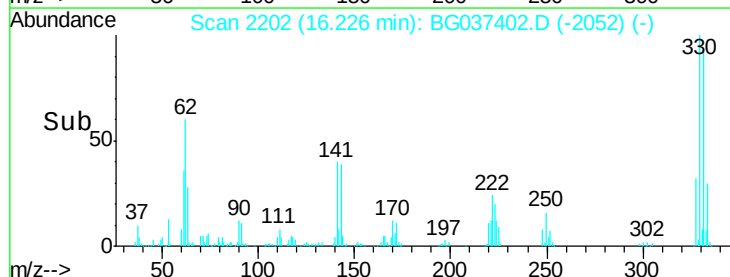
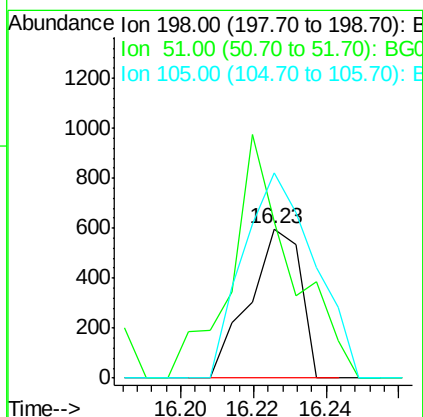
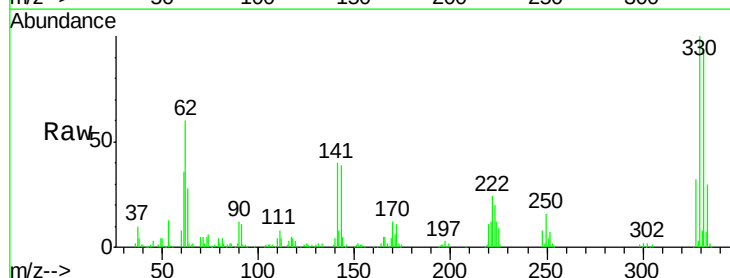
Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-D-B

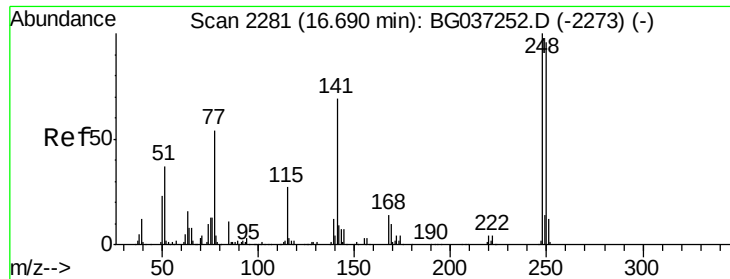
Tgt Ion:188 Resp: 459278
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 10.0 7.7 11.5



#65
4,6-Dinitro-2-methylphenol
Concen: 6.301 ng
RT: 16.23 min Scan# 2202
Delta R.T. 0.35 min
Lab File: BG037402.D
Acq: 17 Oct 2018 22:43

Tgt Ion:198 Resp: 584
Ion Ratio Lower Upper
198 100
51 22.1 22.7 62.7#
105 29.0 19.7 59.7

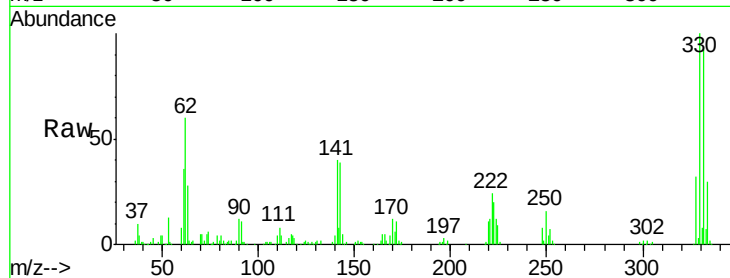




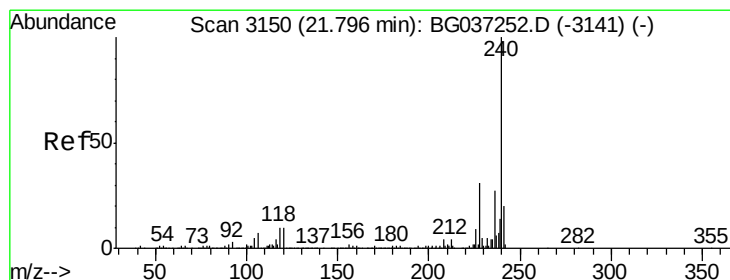
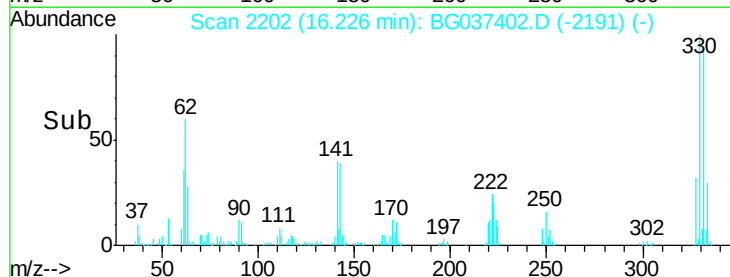
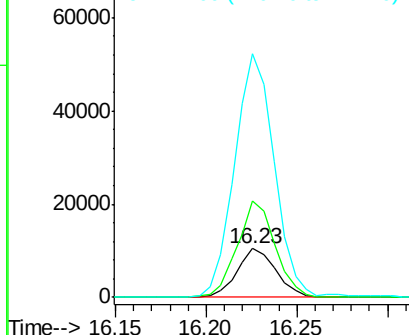
#67
4-Bromophenyl-phenylether
Concen: 3.146 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.46 min
Lab File: BG037402.D
Acq: 17 Oct 2018 22:43

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

Tgt Ion:248 Resp: 15593
Ion Ratio Lower Upper
248 100
250 202.2 77.0 115.6#
141 405.6 55.5 83.3#

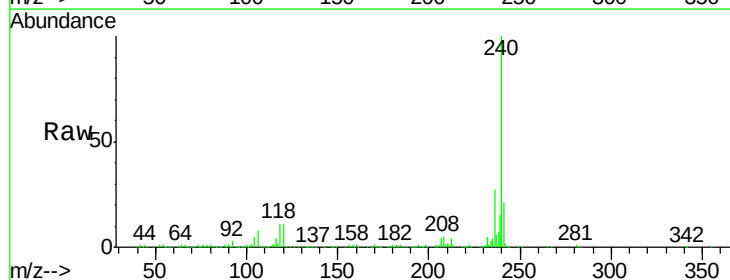


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

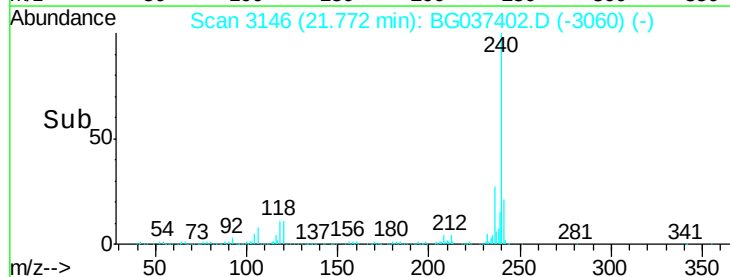
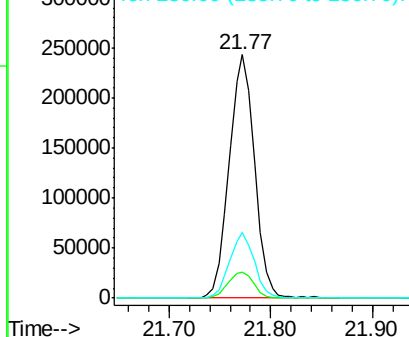


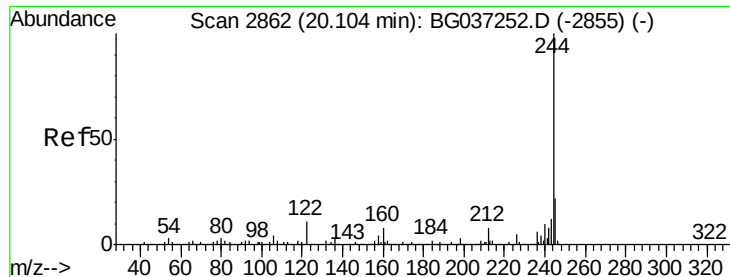
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG037402.D
Acq: 17 Oct 2018 22:43

Tgt Ion:240 Resp: 421929
Ion Ratio Lower Upper
240 100
120 10.6 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: 83.006 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG037402.D

Acq: 17 Oct 2018 22:43

Instrument :

BNA_G

ClientSampleId :

101518-SIDI-E-D-B

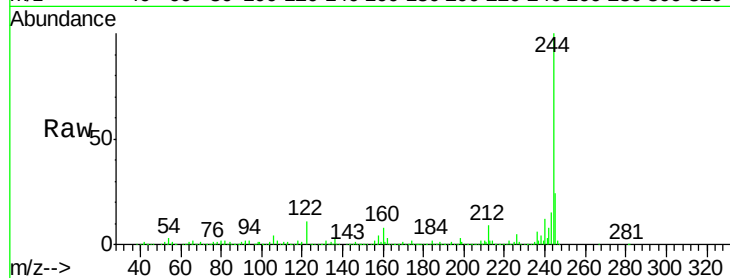
Tgt Ion:244 Resp: 1667943

Ion Ratio Lower Upper

244 100

212 9.1 6.5 9.7

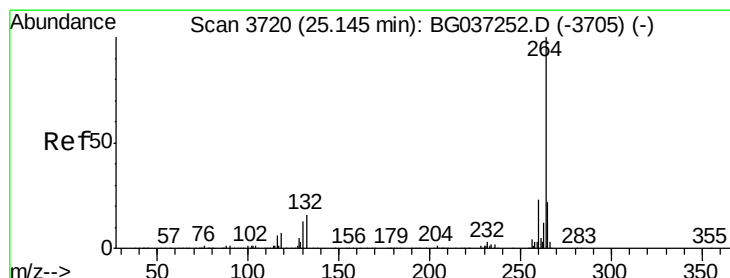
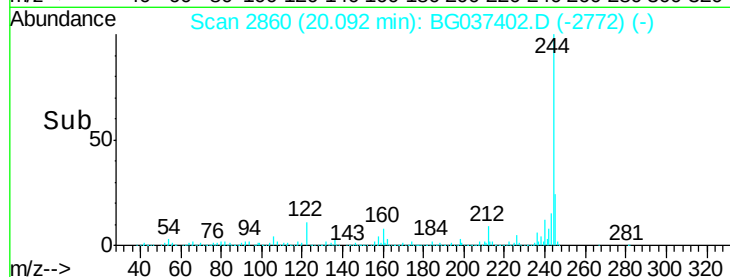
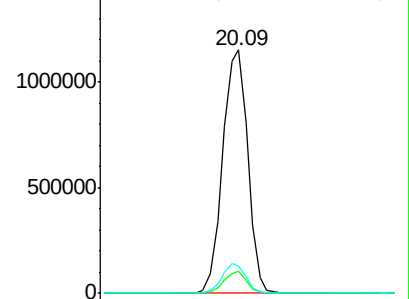
122 11.5 9.0 13.4



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: BG037402.D

Acq: 17 Oct 2018 22:43

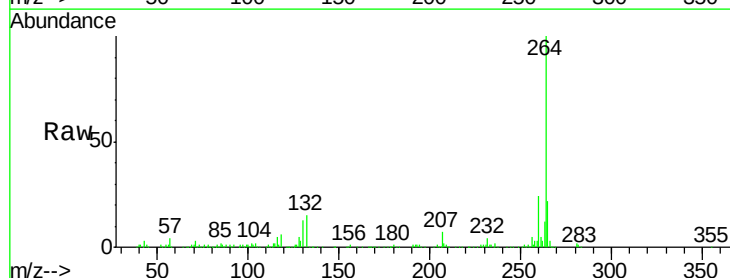
Tgt Ion:264 Resp: 419486

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

265 21.5 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

