

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101118\
 Data File : BG037265.D
 Acq On : 11 Oct 2018 19:58
 Operator : JU/SJ
 Sample : J5375-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0691-KM-PA-AMD-COMP

Quant Time: Oct 12 06:50:42 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

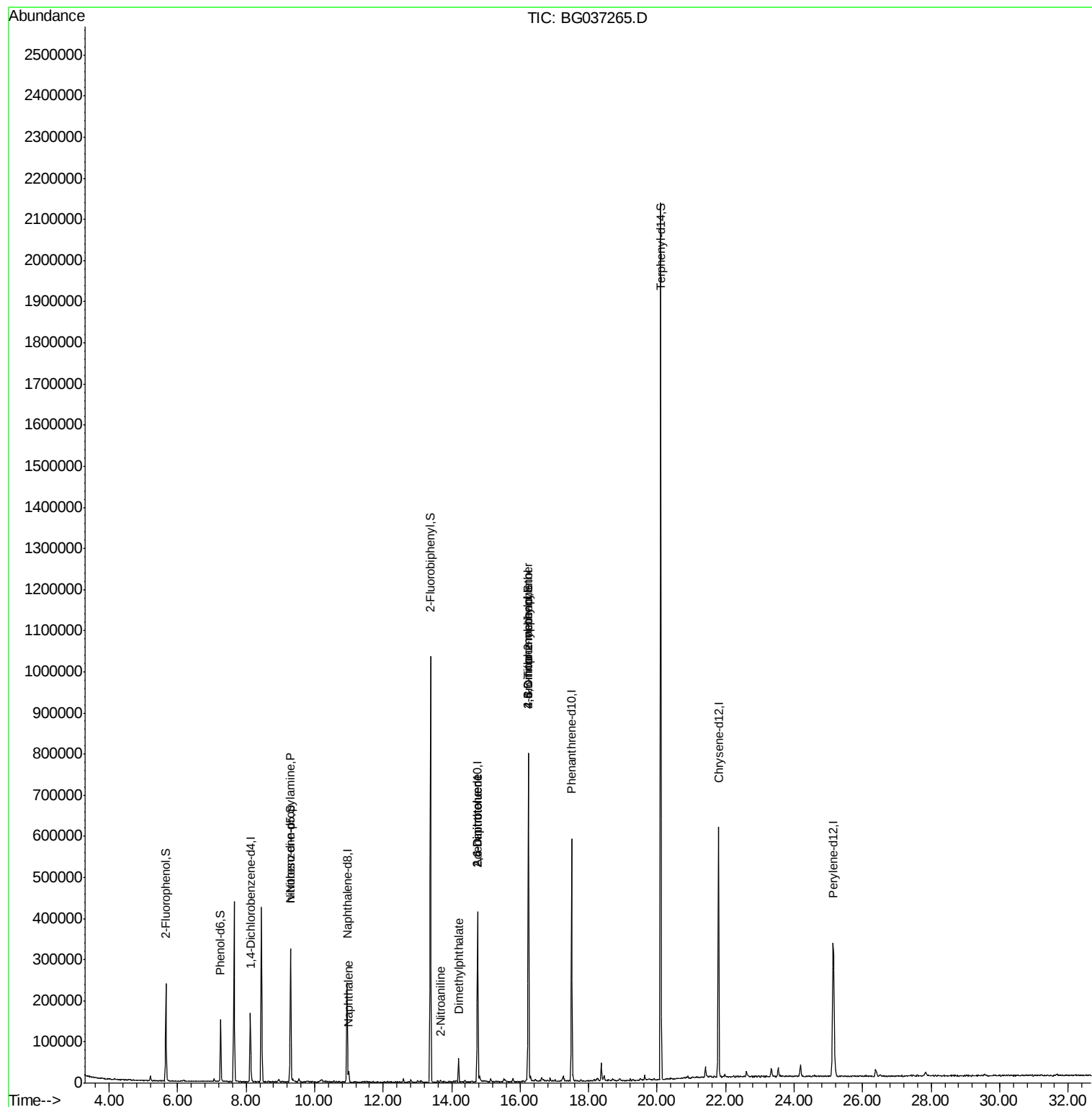
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	48648	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	216612	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	143732	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	375943	20.00	ng	0.00
76) Chrysene-d12	21.79	240	373100	20.00	ng	0.00
87) Perylene-d12	25.14	264	379263	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	107838	39.01	ng	0.00
7) Phenol-d6	7.25	99	92645	22.08	ng	0.00
23) Nitrobenzene-d5	9.30	82	196950	59.78	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	144539	102.54	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	545540	57.00	ng	0.00
79) Terphenyl-d14	20.11	244	1051577	59.18	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.30	70	24929	7.848	ng	Qvalue
31) Naphthalene	10.99	128	23182	2.202	ng	# 77
48) 2-Nitroaniline	13.67	65	145	5.808	ng	# 7
50) Dimethylphthalate	14.20	163	38980	3.451	ng	98
51) 2,6-Dinitrotoluene	14.75	165	18612	12.443	ng	# 23
57) 2,4-Dinitrotoluene	14.75	165	18612	11.290	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.23	198	320	6.184	ng	85
67) 4-Bromophenyl-phenylether	16.24	248	10896	2.685	ng	# 1

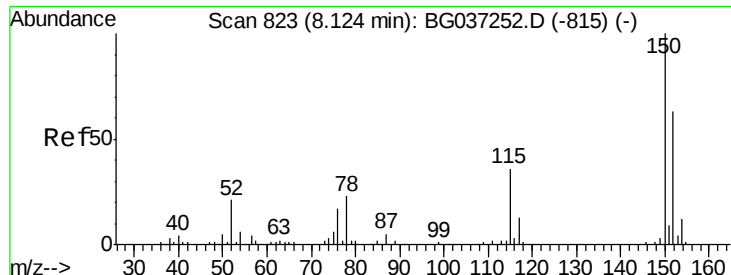
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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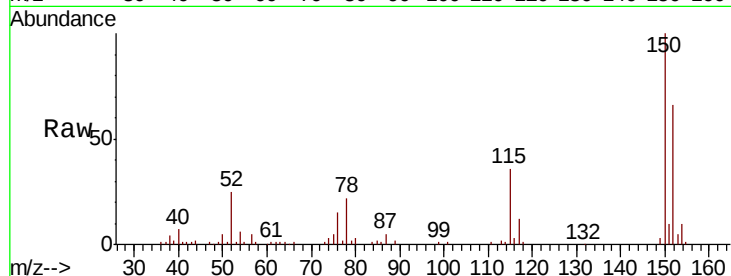


#1

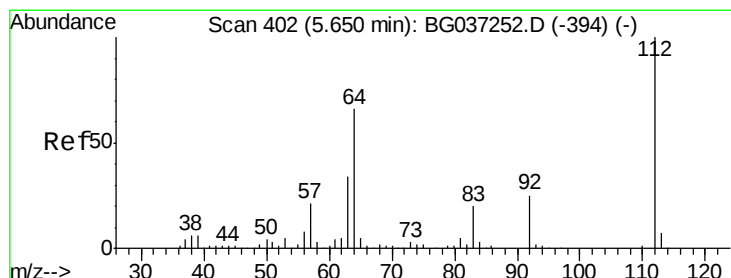
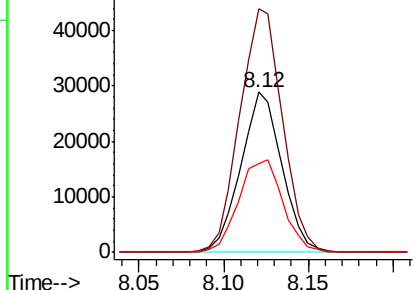
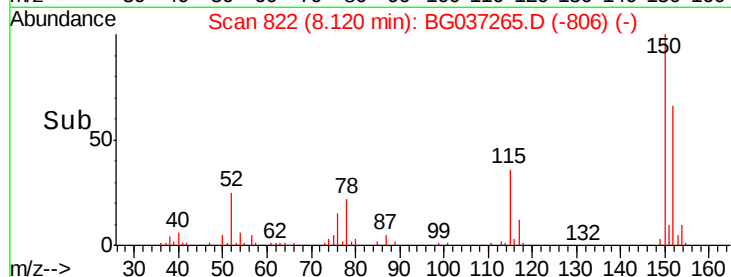
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG037265.D
Acq: 11 Oct 2018 19:58

Instrument :
BNA_G
ClientSampleId :
0691-KM-PA-AMD-COMP

Tgt Ion:152 Resp: 48648
Ion Ratio Lower Upper
152 100
150 152.0 126.0 189.0
115 55.2 45.5 68.3



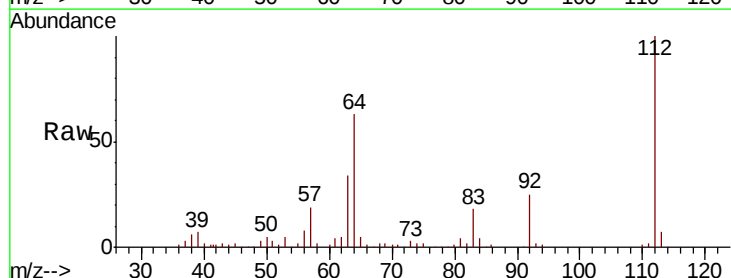
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



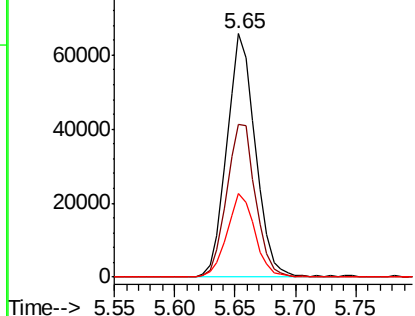
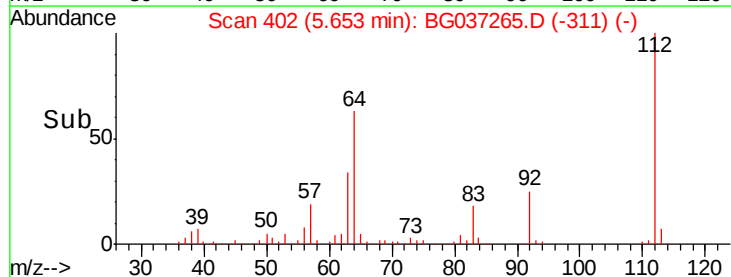
#5

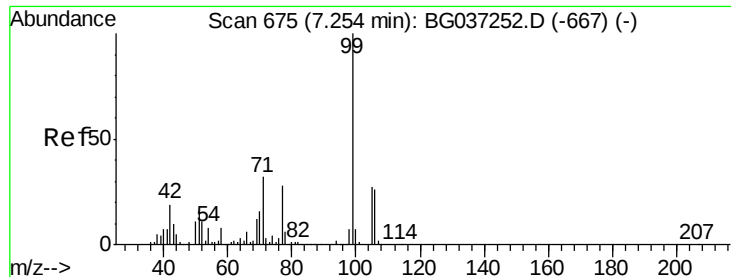
2-Fluorophenol
Concen: 39.012 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG037265.D
Acq: 11 Oct 2018 19:58

Tgt Ion:112 Resp: 107838
Ion Ratio Lower Upper
112 100
64 62.6 53.1 79.7
63 34.4 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: 22.081 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037265.D

Acq: 11 Oct 2018 19:58

Instrument :

BNA_G

ClientSampleId :

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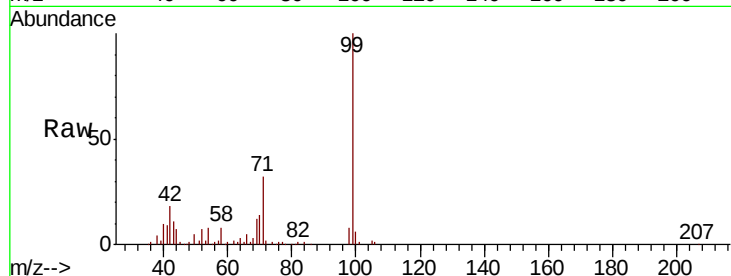
Tgt Ion: 99 Resp: 92645

Ion Ratio Lower Upper

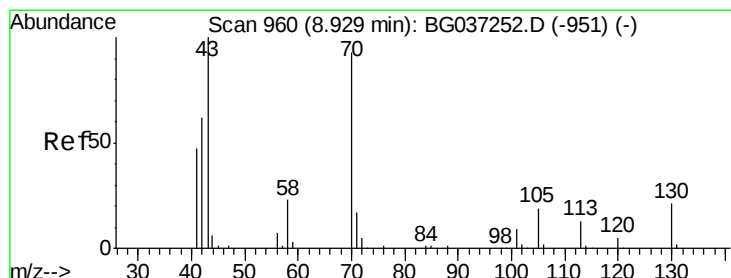
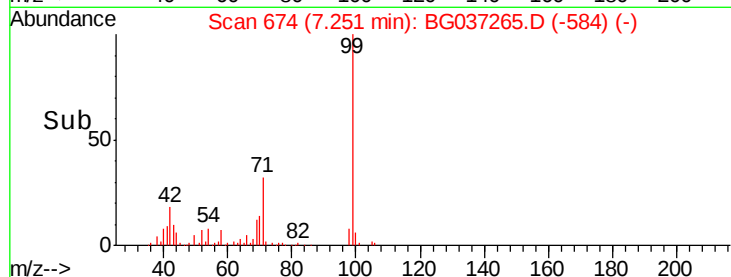
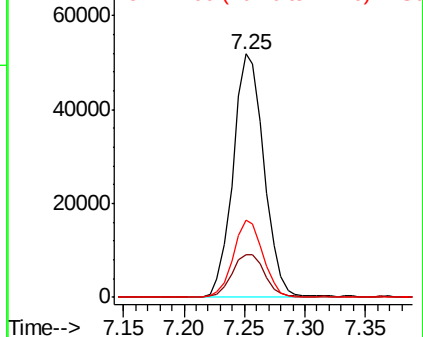
99 100

42 17.8 15.0 22.4

71 31.5 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



#19

n-Nitroso-di-n-propylamine

Concen: 7.848 ng

RT: 9.30 min Scan# 1022

Delta R.T. 0.37 min

Lab File: BG037265.D

Acq: 11 Oct 2018 19:58

Tgt Ion: 70 Resp: 24929

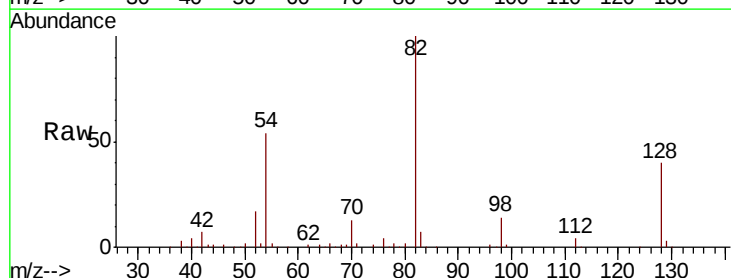
Ion Ratio Lower Upper

70 100

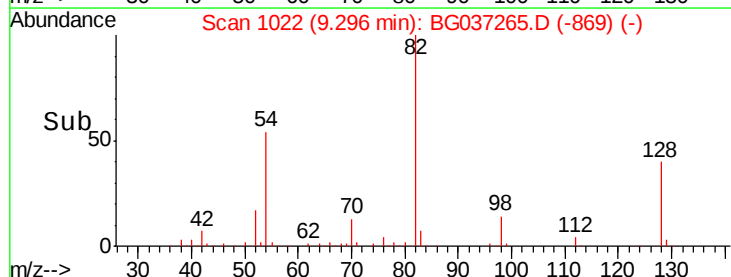
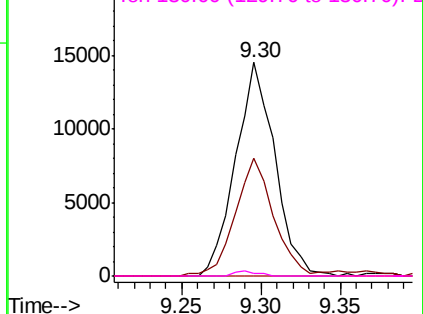
42 55.1 53.9 80.9

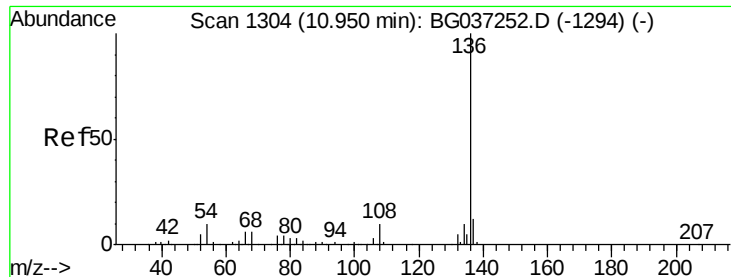
101 0.0 8.2 12.2#

130 1.1 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

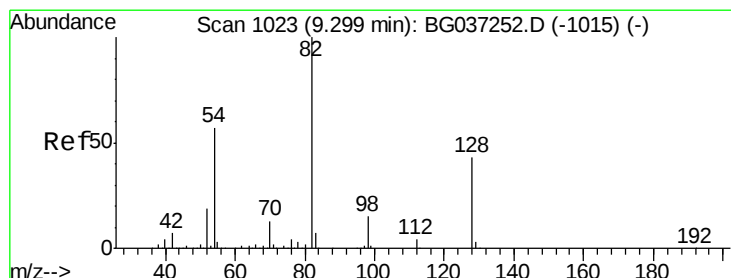
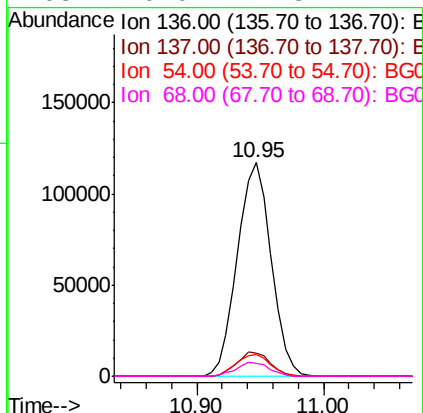
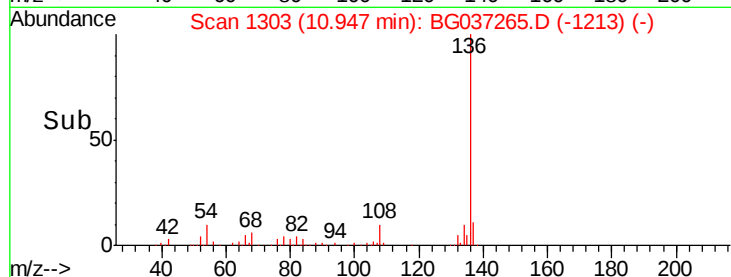
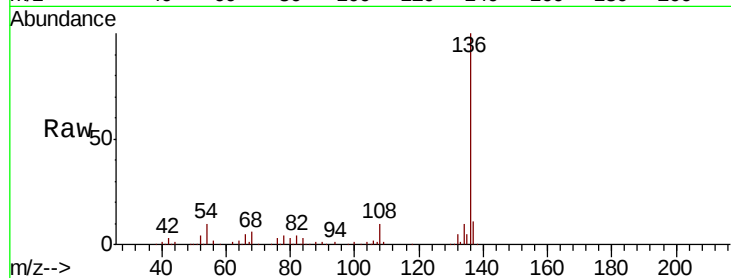




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BG037265.D
Acq: 11 Oct 2018 19:58

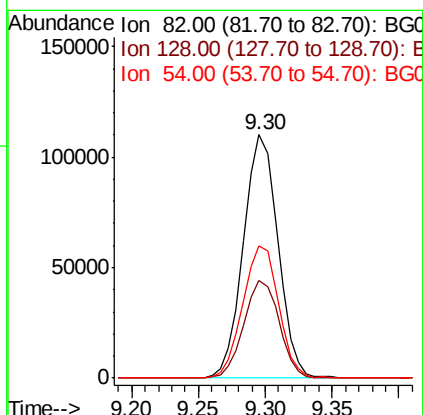
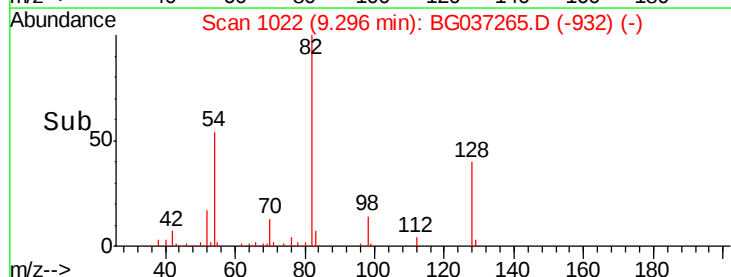
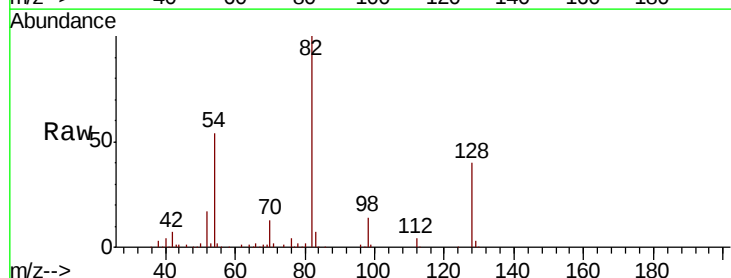
Instrument :
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0691-KM-PA-AMD-COMP

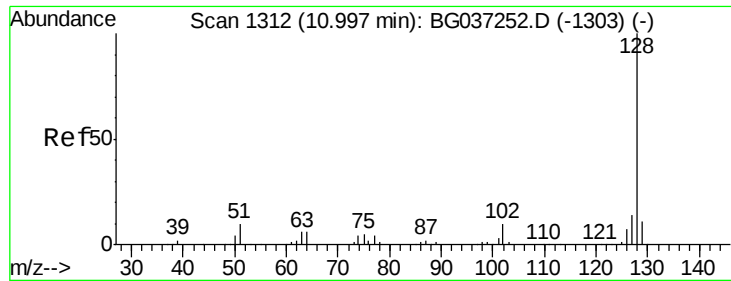
Tgt Ion:	136	Resp:	216612
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	10.4	7.9	11.9
68	6.0	4.8	7.2



#23
Nitrobenzene-d5
Concen: 59.777 ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG037265.D
Acq: 11 Oct 2018 19:58

Tgt Ion:	82	Resp:	196950
Ion	Ratio	Lower	Upper
82	100		
128	40.1	34.6	51.8
54	54.3	45.3	67.9

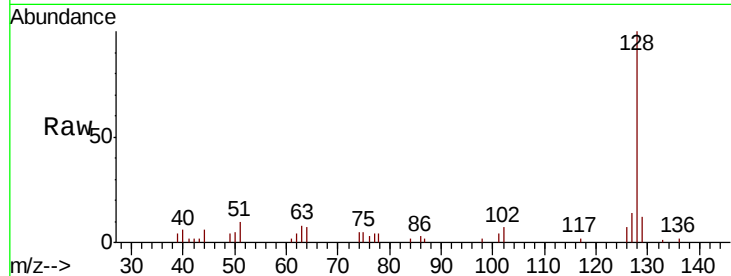




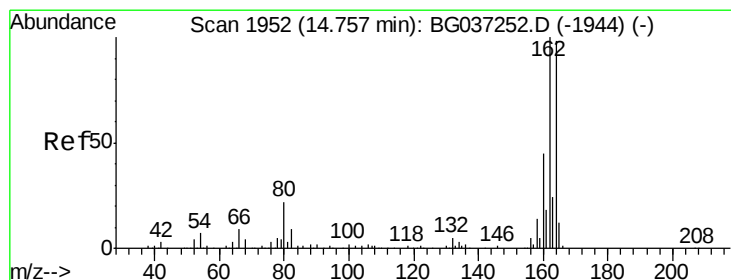
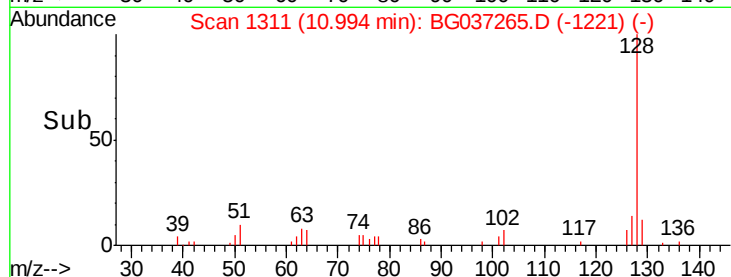
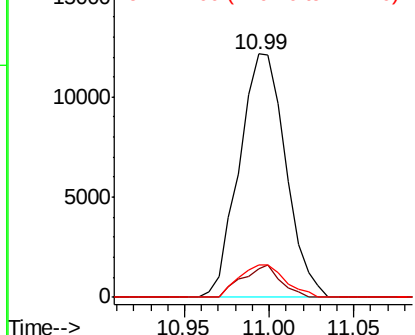
#31
Naphthalene
Concen: 2.202 ng
RT: 10.99 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BG037265.D
Acq: 11 Oct 2018 19:58

Instrument :
BNA_G
ClientSampleId :
0691-KM-PA-AMD-COMP

Tgt Ion:128 Resp: 23182
Ion Ratio Lower Upper
128 100
129 11.9 9.0 13.6
127 13.5 11.1 16.7

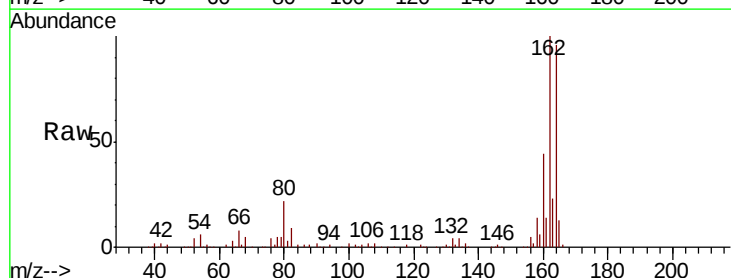


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

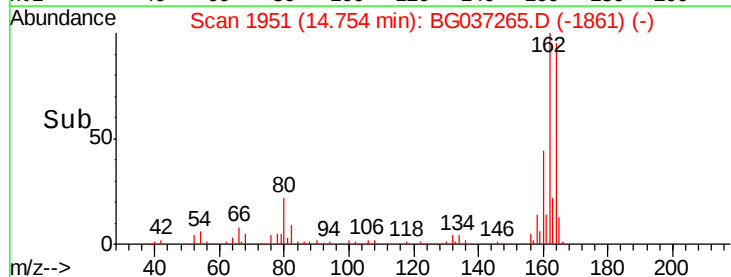
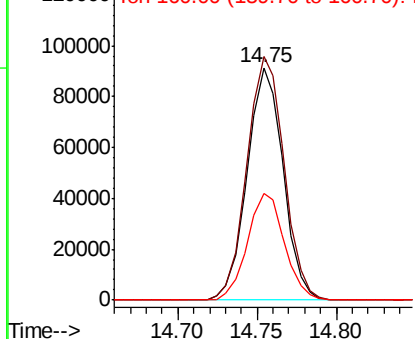


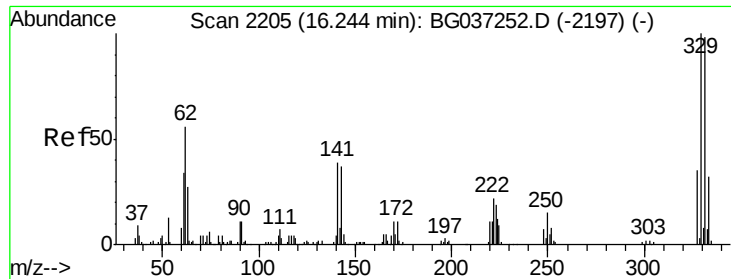
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG037265.D
Acq: 11 Oct 2018 19:58

Tgt Ion:164 Resp: 143732
Ion Ratio Lower Upper
164 100
162 104.6 81.3 121.9
160 45.9 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: 102.538 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BG037265.D

Acq: 11 Oct 2018 19:58

Instrument :

BNA_G

ClientSampleId :

0691-KM-PA-AMD-COMP

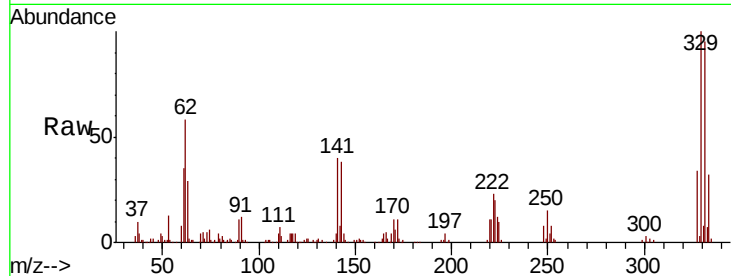
Tgt Ion:330 Resp: 144539

Ion Ratio Lower Upper

330 100

332 95.3 78.4 117.6

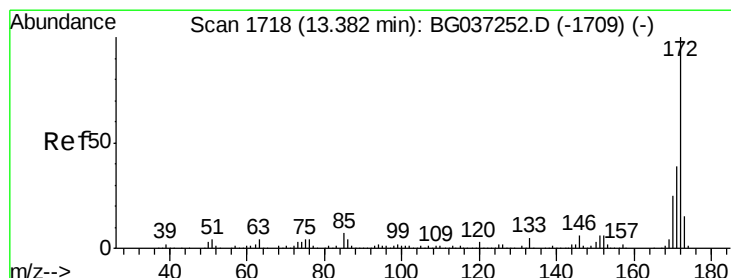
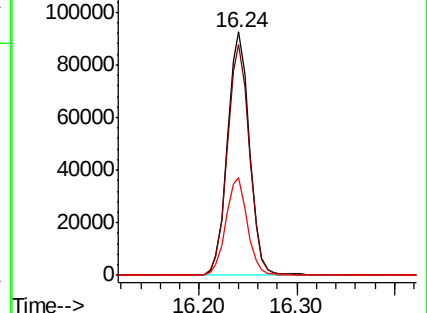
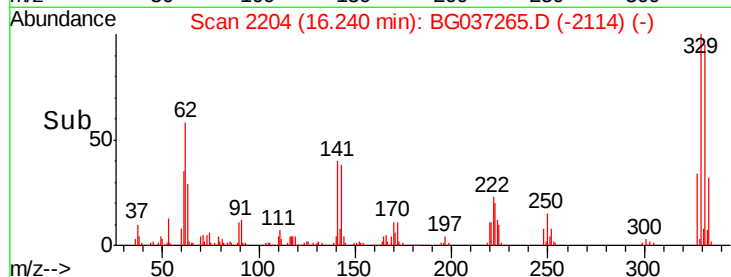
141 38.8 32.2 48.2



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: 57.000 ng

RT: 13.38 min Scan# 1717

Delta R.T. -0.00 min

Lab File: BG037265.D

Acq: 11 Oct 2018 19:58

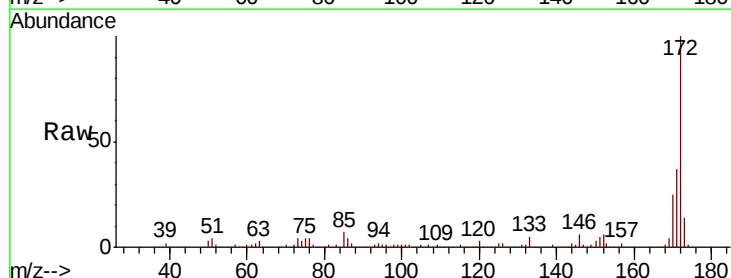
Tgt Ion:172 Resp: 545540

Ion Ratio Lower Upper

172 100

171 37.3 31.0 46.4

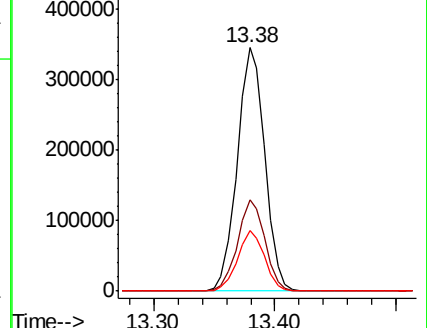
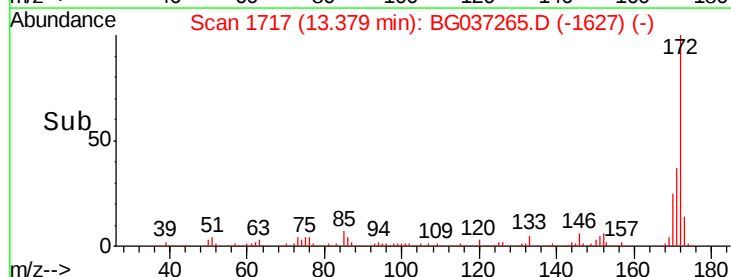
170 24.7 20.2 30.2

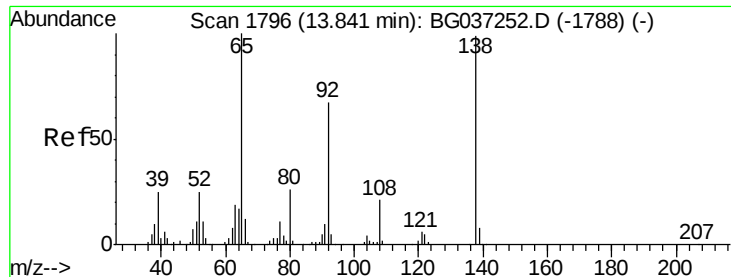


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#48

2-Nitroaniline

Concen: 5.808 ng

RT: 13.67 min Scan# 1767

Delta R.T. -0.17 min

Lab File: BG037265.D

Acq: 11 Oct 2018 19:58

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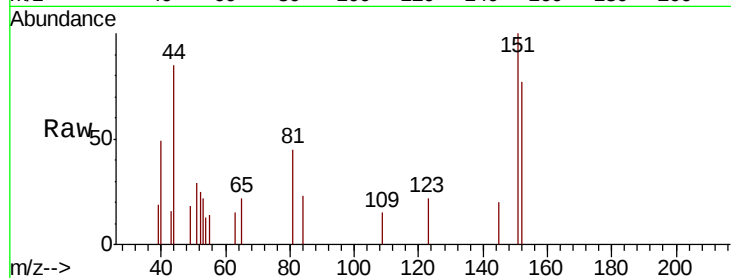
Tgt Ion: 65 Resp: 145

Ion Ratio Lower Upper

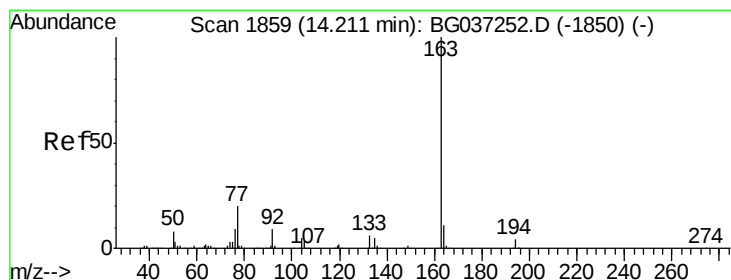
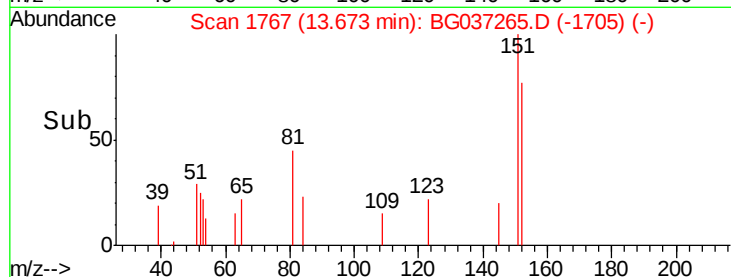
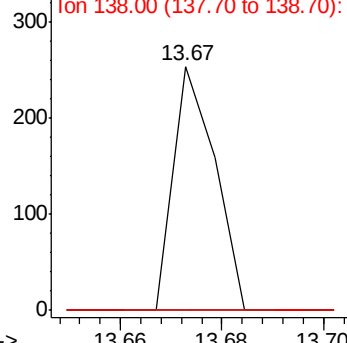
65 100

92 0.0 53.2 79.8#

138 0.0 79.3 118.9#



Abundance Ion 65.00 (64.70 to 65.70): BG037265.D (-1705) (-)



#50

Dimethylphthalate

Concen: 3.451 ng

RT: 14.20 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BG037265.D

Acq: 11 Oct 2018 19:58

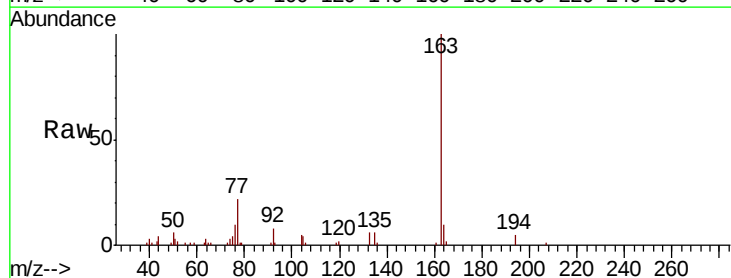
Tgt Ion:163 Resp: 38980

Ion Ratio Lower Upper

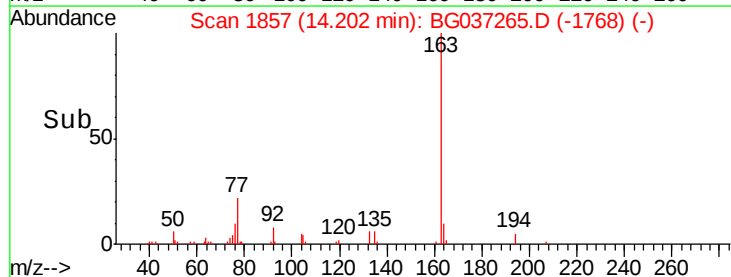
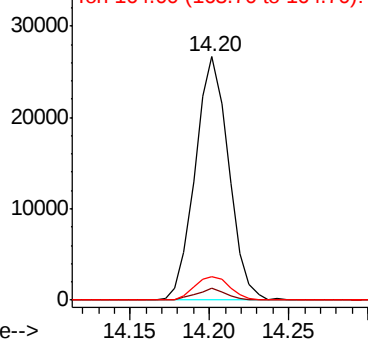
163 100

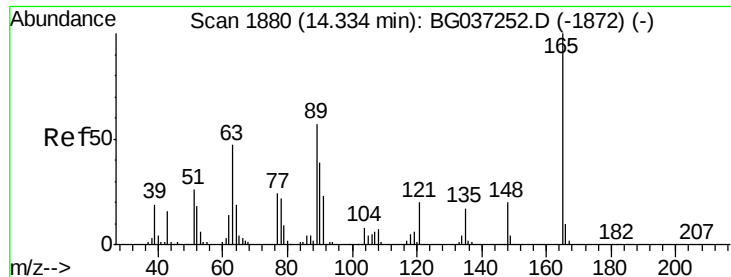
194 4.7 3.5 5.3

164 9.6 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): BG037265.D (-1768) (-)

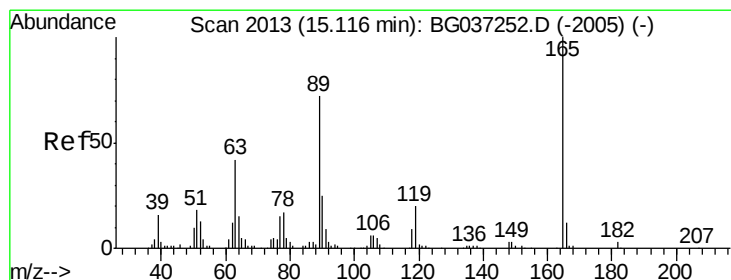
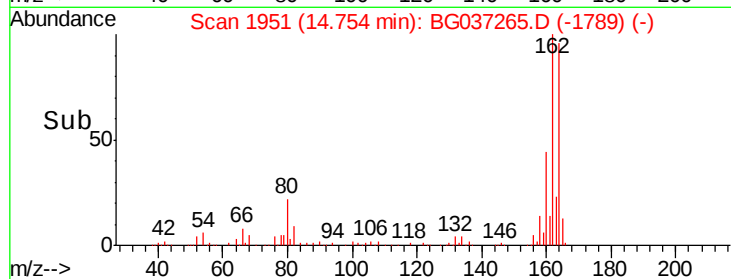
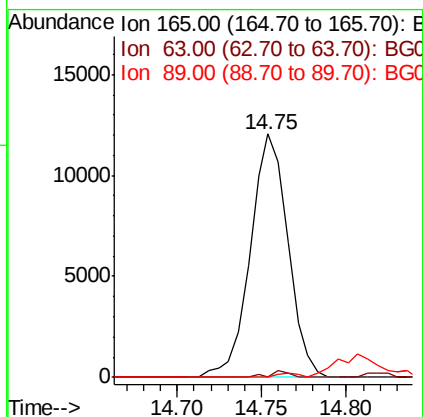
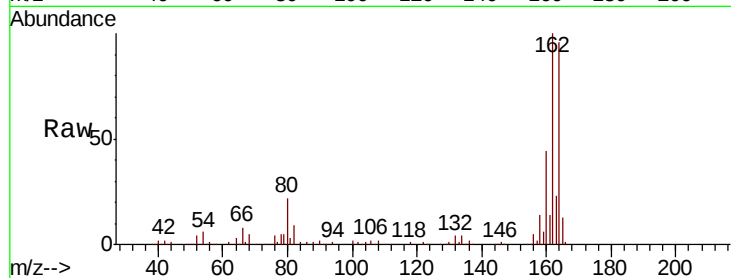




#51
 2,6-Dinitrotoluene
 Concen: 12.443 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. 0.42 min
 Lab File: BG037265.D
 Acq: 11 Oct 2018 19:58

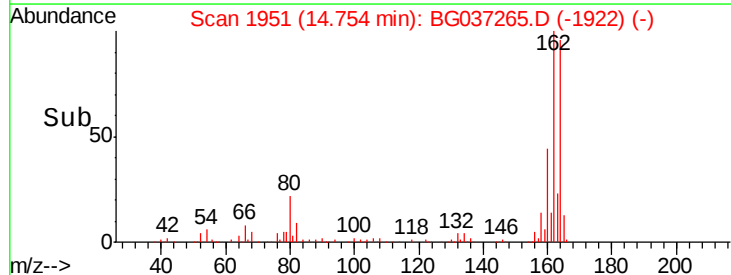
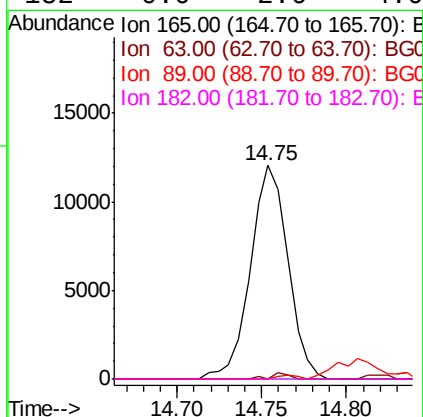
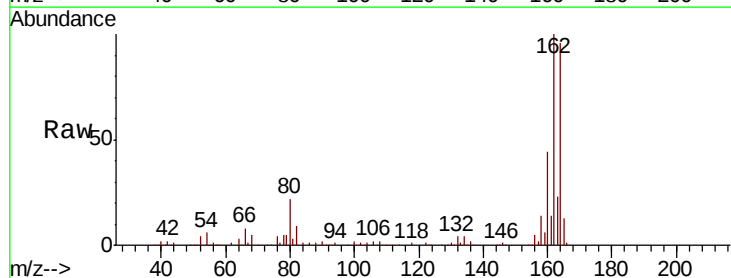
Instrument :
 BNA_G
 ClientSampleId :
 0691-KM-PA-AMD-COMP

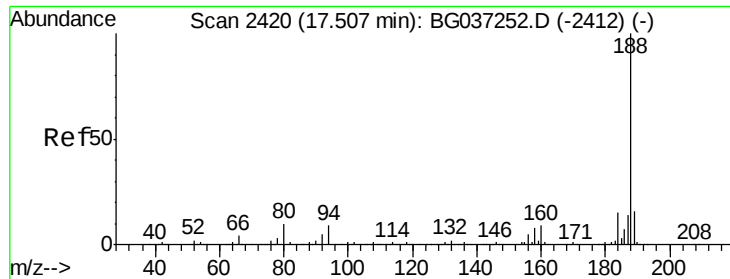
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	0.0	45.8	68.6#



#57
 2,4-Dinitrotoluene
 Concen: 11.290 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. -0.36 min
 Lab File: BG037265.D
 Acq: 11 Oct 2018 19:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	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: 17.50 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG037265.D

Acq: 11 Oct 2018 19:58

Instrument :

BNA_G

ClientSampleId :

0691-KM-PA-AMD-COMP

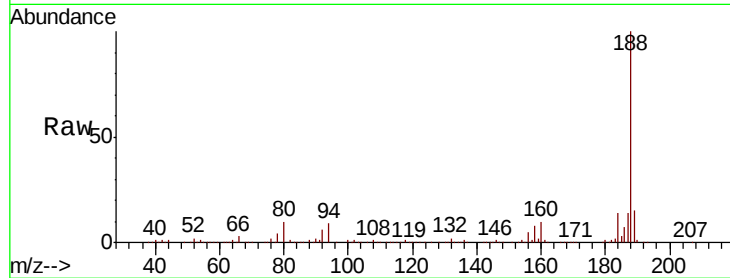
Tgt Ion:188 Resp: 375943

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

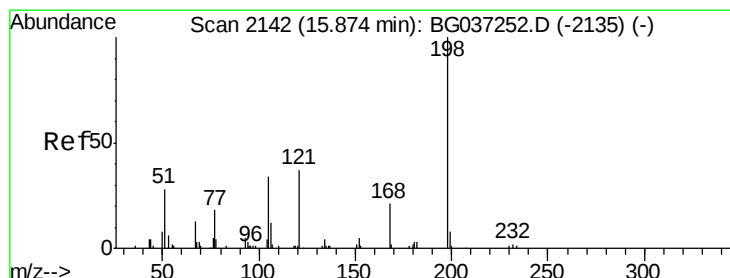
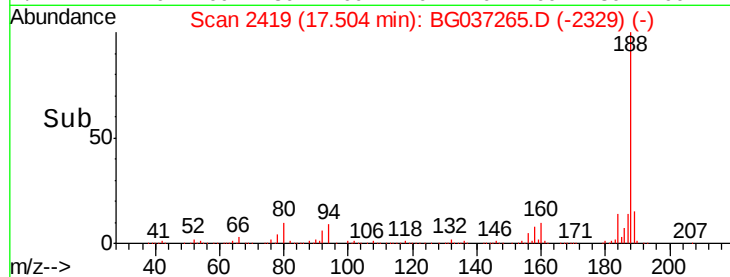
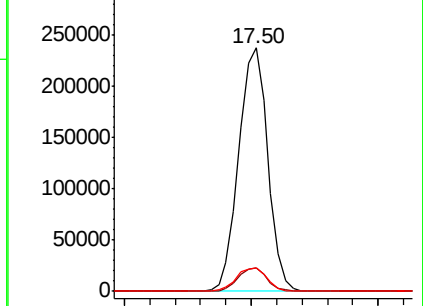
80 9.5 7.7 11.5



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: 6.184 ng

RT: 16.23 min Scan# 2203

Delta R.T. 0.36 min

Lab File: BG037265.D

Acq: 11 Oct 2018 19:58

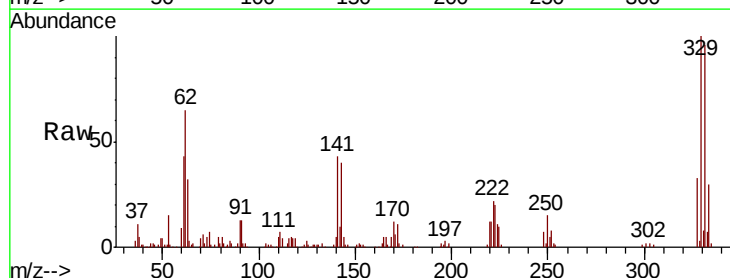
Tgt Ion:198 Resp: 320

Ion Ratio Lower Upper

198 100

51 26.2 22.7 62.7

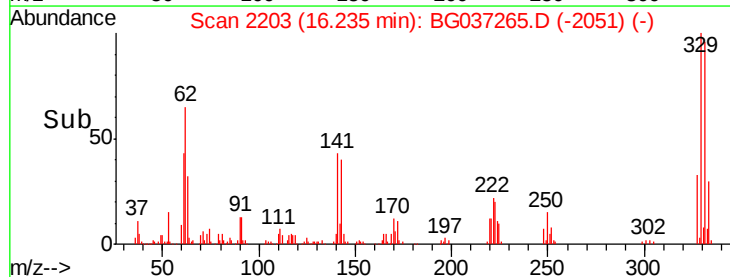
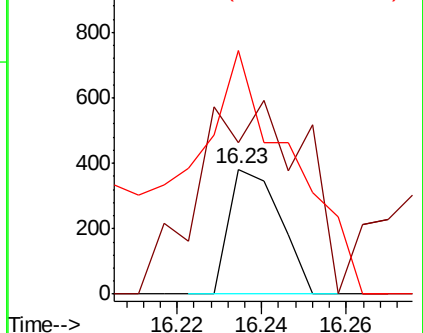
105 42.2 19.7 59.7

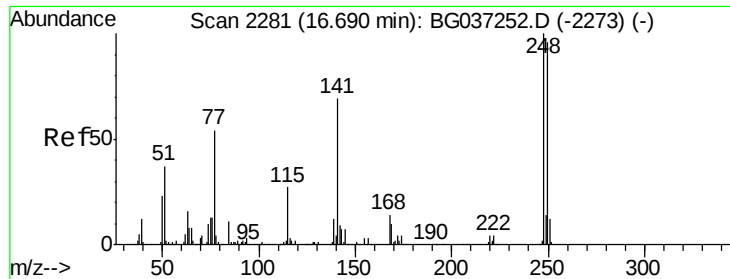


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

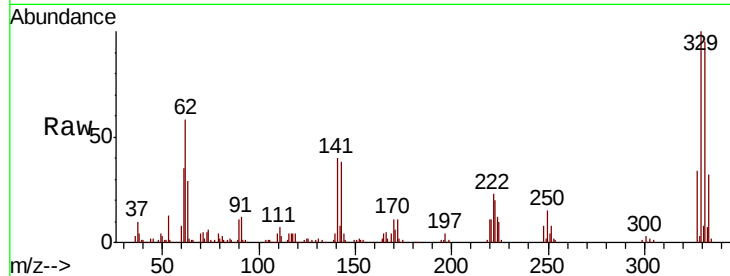




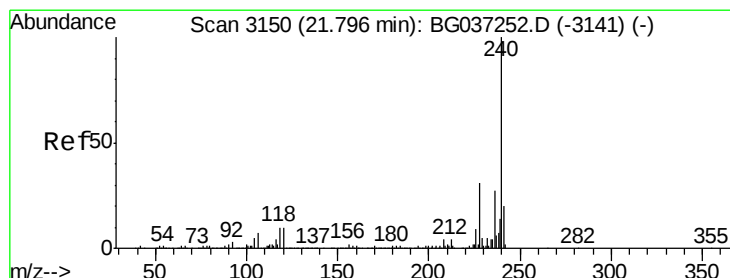
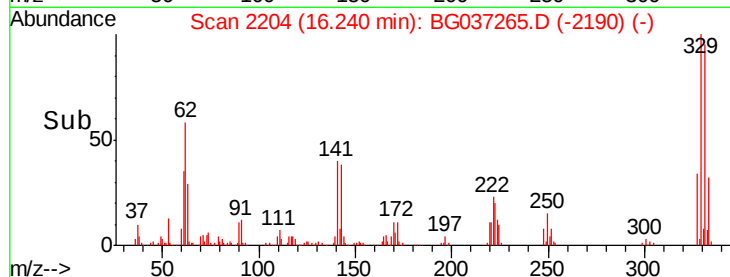
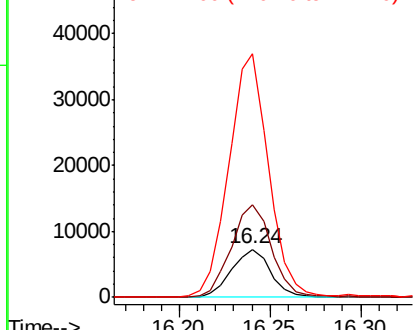
#67
4-Bromophenyl-phenylether
Concen: 2.685 ng
RT: 16.24 min Scan# 2204
Delta R.T. -0.45 min
Lab File: BG037265.D
Acq: 11 Oct 2018 19:58

Instrument :
BNA_G
ClientSampleId :
0691-KM-PA-AMD-COMP

Tgt Ion:248 Resp: 10896
Ion Ratio Lower Upper
248 100
250 189.9 77.0 115.6#
141 397.6 55.5 83.3#

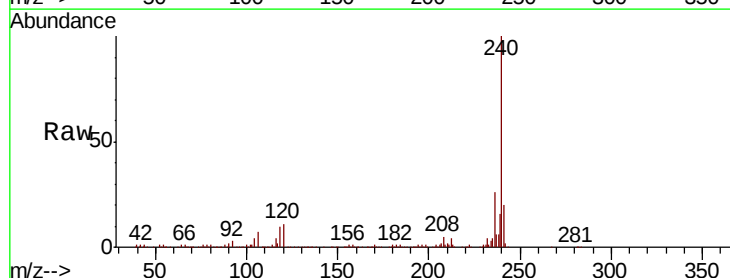


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

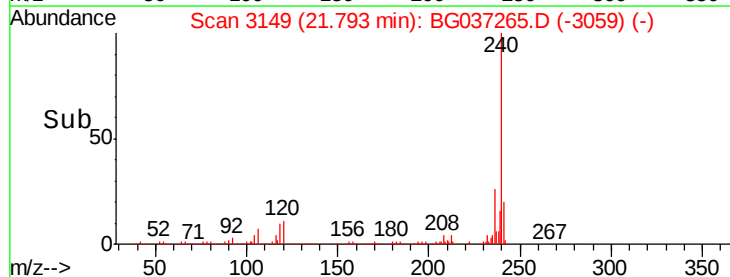
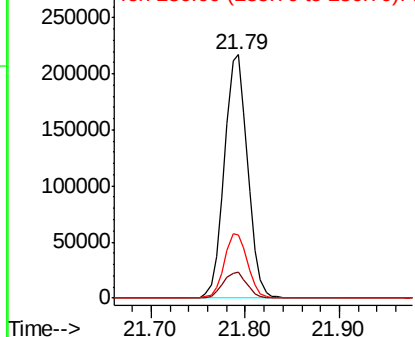


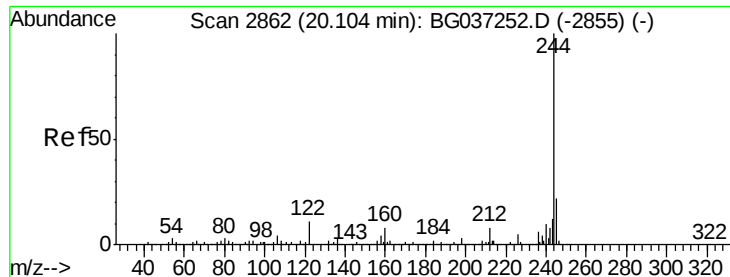
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.00 min
Lab File: BG037265.D
Acq: 11 Oct 2018 19:58

Tgt Ion:240 Resp: 373100
Ion Ratio Lower Upper
240 100
120 10.7 8.1 12.1
236 25.7 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: 59.181 ng

RT: 20.11 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG037265.D

Acq: 11 Oct 2018 19:58

Instrument :

BNA_G

ClientSampleId :

0691-KM-PA-AMD-COMP

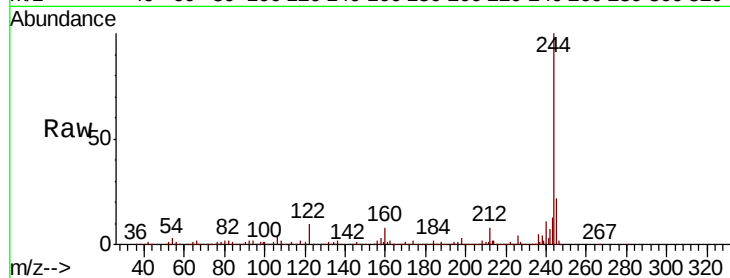
Tgt Ion:244 Resp: 1051577

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

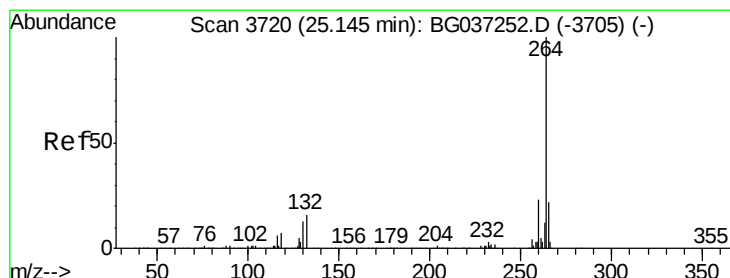
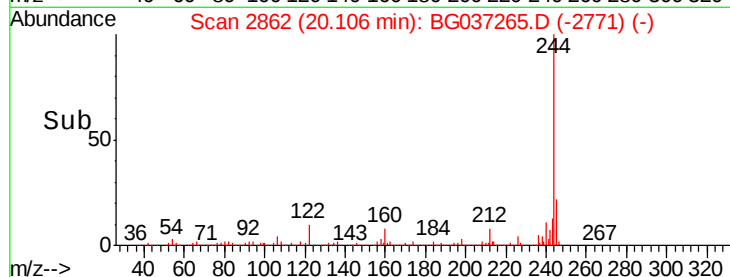
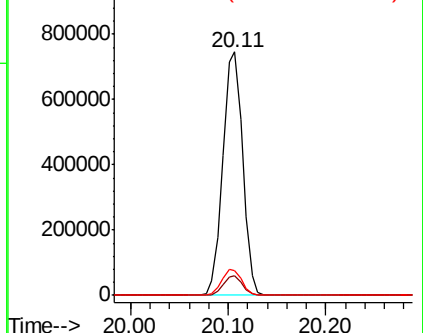
122 10.2 9.0 13.4



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: BG037265.D

Acq: 11 Oct 2018 19:58

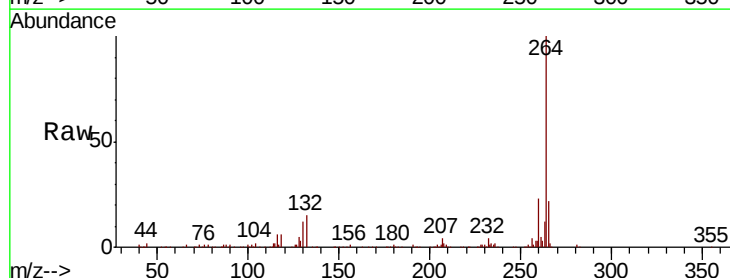
Tgt Ion:264 Resp: 379263

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.4

265 21.7 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

