

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102518\
 Data File : BG037570.D
 Acq On : 26 Oct 2018 8:02
 Operator : JU/SJ
 Sample : J5655-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S37-0003

Quant Time: Oct 26 13:35:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

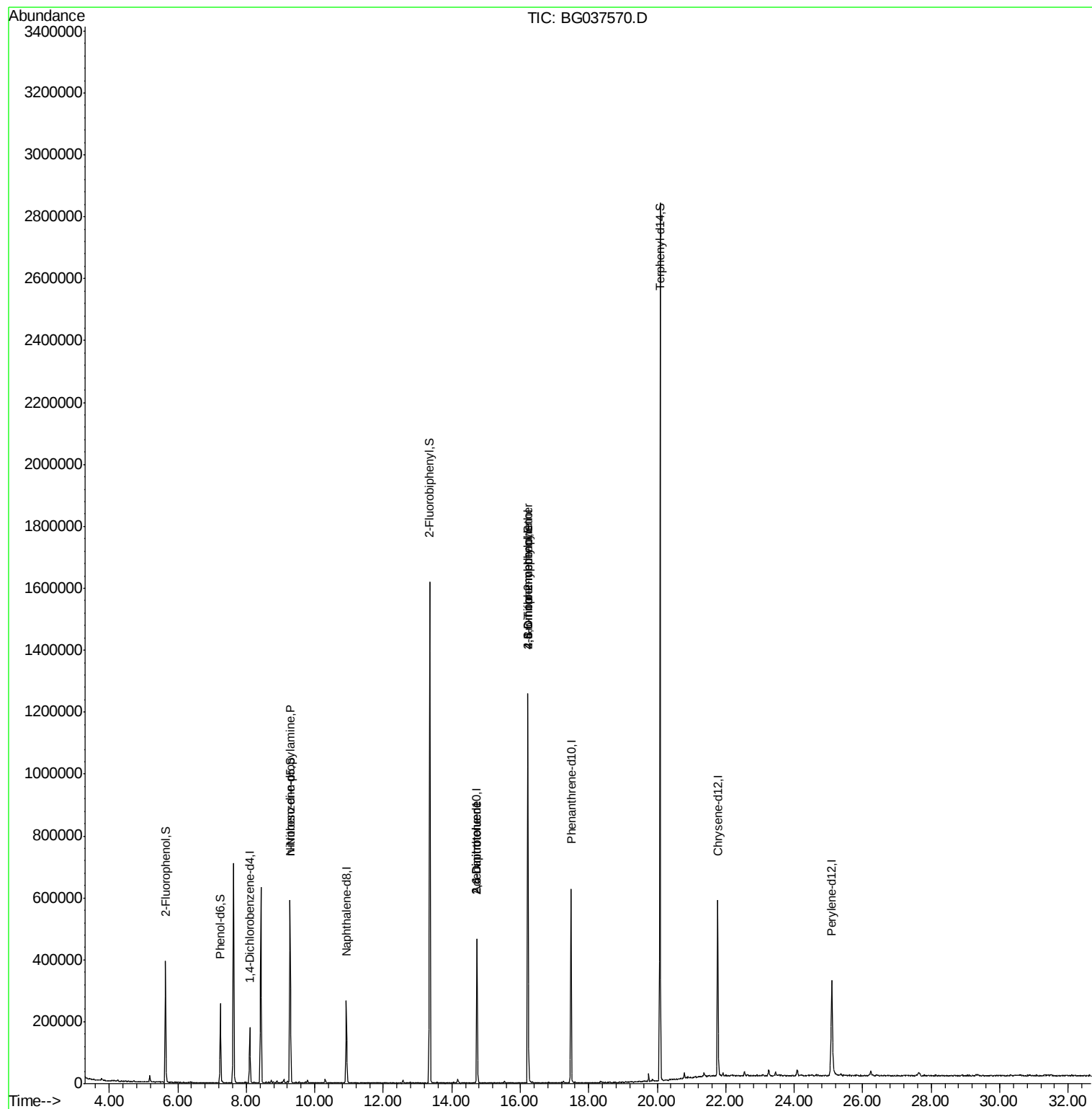
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	53684	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	245252	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	166326	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	395560	20.00	ng	0.00
76) Chrysene-d12	21.77	240	364000	20.00	ng	0.00
87) Perylene-d12	25.10	264	356895	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	183518	57.15	ng	0.00
7) Phenol-d6	7.24	99	163571	33.69	ng	0.00
23) Nitrobenzene-d5	9.28	82	367469	83.94	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	228259	125.82	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	888921	80.59	ng	0.00
79) Terphenyl-d14	20.08	244	1299859	76.30	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	46265	13.837	ng	# 70
51) 2,6-Dinitrotoluene	14.73	165	22333	7.846	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	22333	5.977	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.23	198	646	8.764	ng	83
67) 4-Bromophenyl-phenylether	16.22	248	16929	3.897	ng	# 1

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

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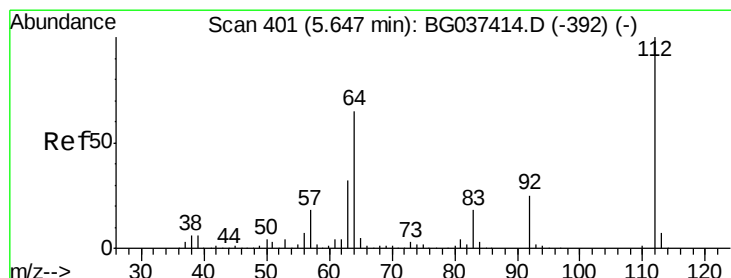
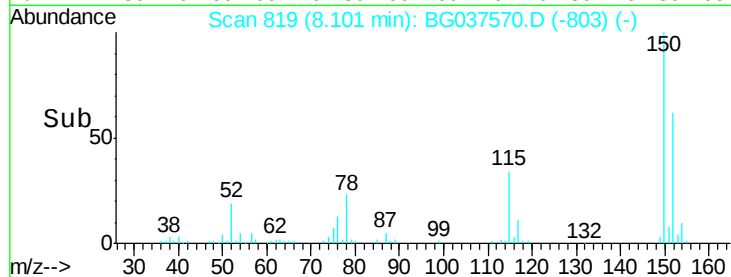
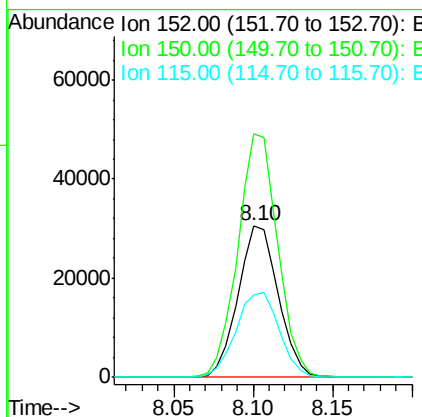
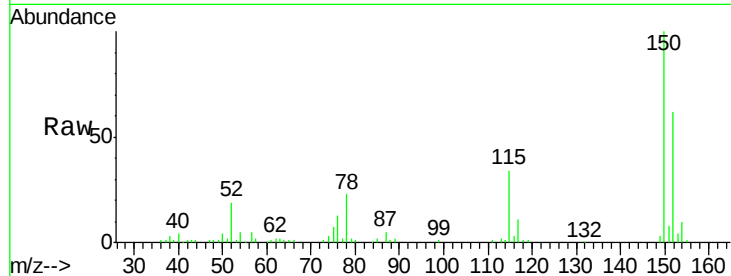




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG037570.D
 Acq: 26 Oct 2018 8:02

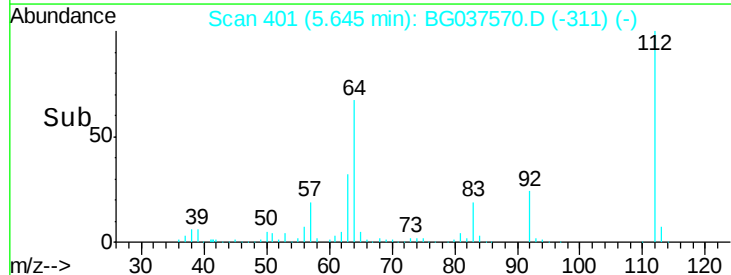
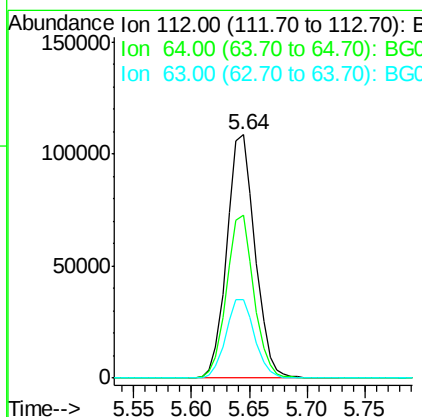
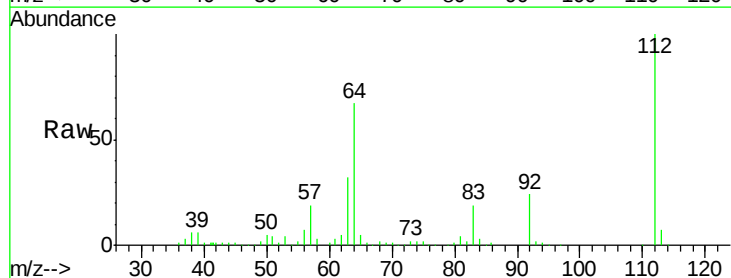
Instrument :
 BNA_G
 ClientSampleId :
 S37-0003

Tgt Ion:152 Resp: 53684
 Ion Ratio Lower Upper
 152 100
 150 160.2 126.0 189.0
 115 54.0 45.5 68.3



#5
 2-Fluorophenol
 Concen: 57.152 ng
 RT: 5.64 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BG037570.D
 Acq: 26 Oct 2018 8:02

Tgt Ion:112 Resp: 183518
 Ion Ratio Lower Upper
 112 100
 64 67.0 53.1 79.7
 63 32.3 27.3 40.9





#7

Phenol-d6

Concen: 33.688 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037570.D

Acq: 26 Oct 2018 8:02

Instrument :

BNA_G

ClientSampleId :

S37-0003

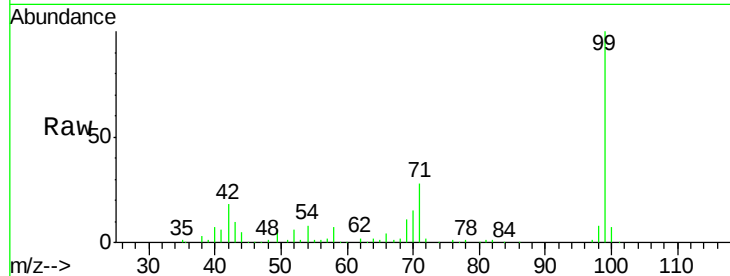
Tgt Ion: 99 Resp: 163571

Ion Ratio Lower Upper

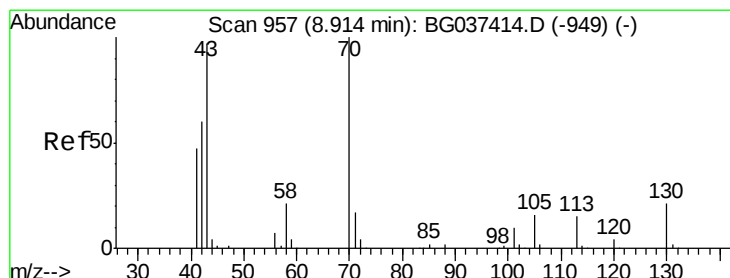
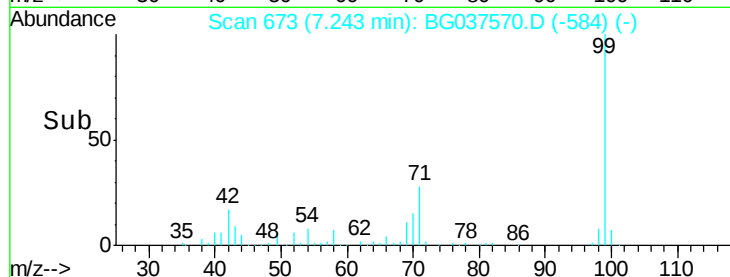
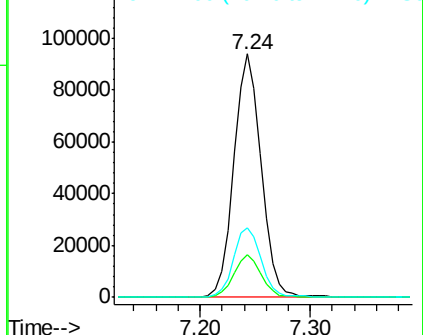
99 100

42 17.5 15.0 22.4

71 28.4 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: 13.837 ng

RT: 9.28 min Scan# 1020

Delta R.T. 0.37 min

Lab File: BG037570.D

Acq: 26 Oct 2018 8:02

Tgt Ion: 70 Resp: 46265

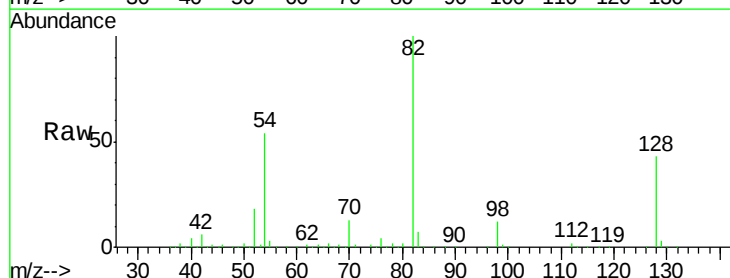
Ion Ratio Lower Upper

70 100

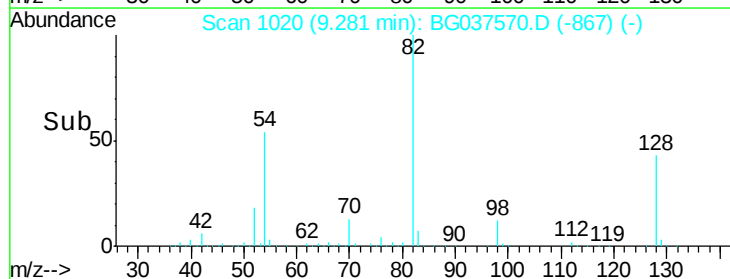
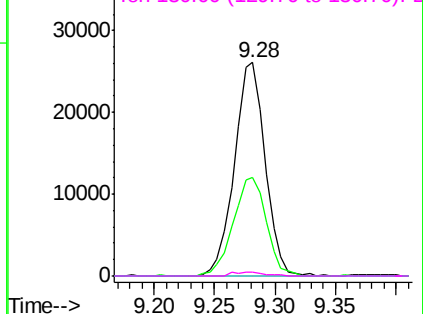
42 46.5 53.9 80.9#

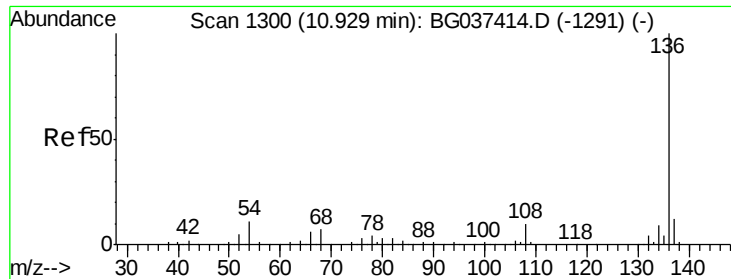
101 0.0 8.2 12.2#

130 2.0 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

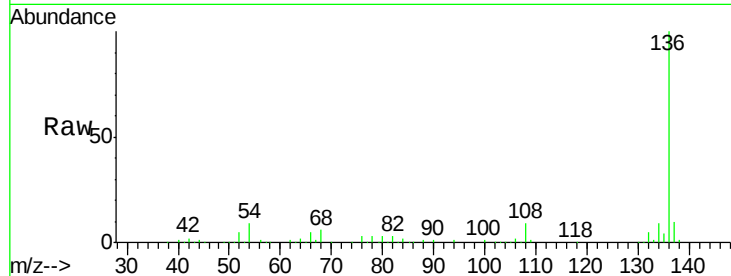




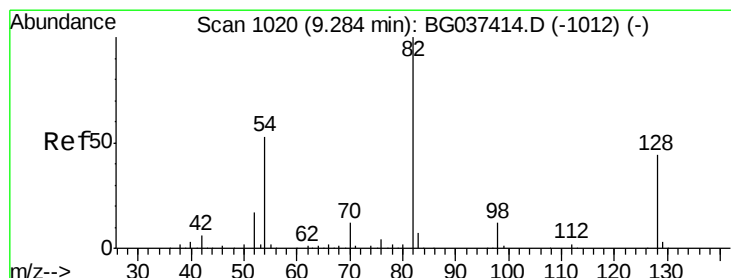
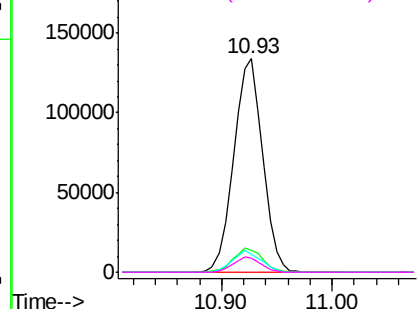
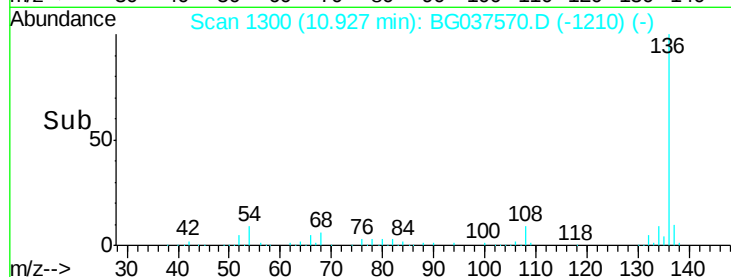
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037570.D
Acq: 26 Oct 2018 8:02

Instrument :
BNA_G
ClientSampleId :
S37-0003

Tgt Ion:	136	Resp:	245252
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.6	14.4
54	8.7	7.9	11.9
68	6.4	4.8	7.2

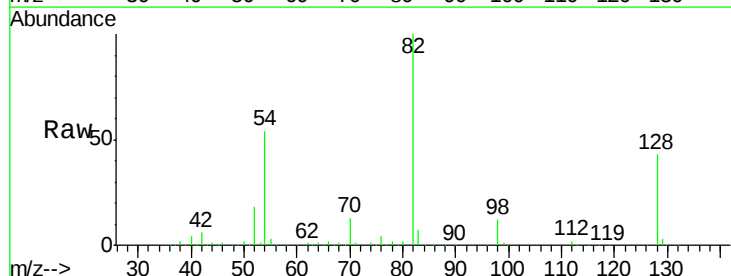


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

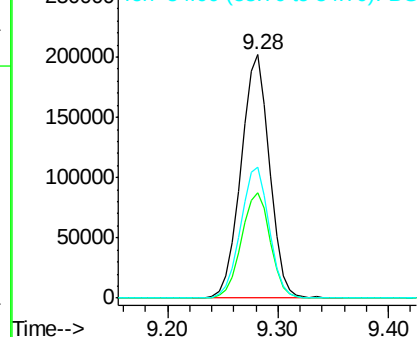
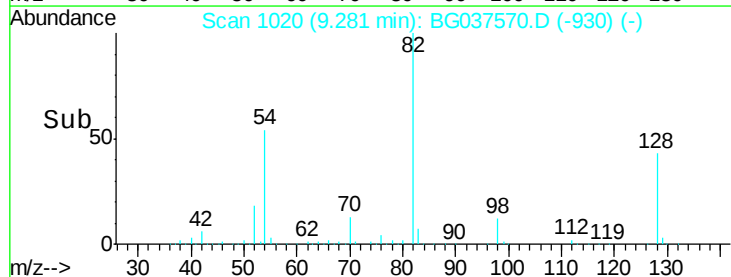


#23
Nitrobenzene-d5
Concen: 83.935 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037570.D
Acq: 26 Oct 2018 8:02

Tgt Ion:	82	Resp:	367469
Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.6	51.8
54	54.0	45.3	67.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037570.D

Acq: 26 Oct 2018 8:02

Instrument :

BNA_G

ClientSampleId :

S37-0003

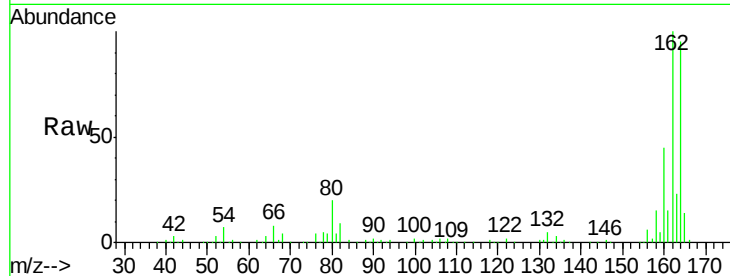
Tgt Ion:164 Resp: 166326

Ion Ratio Lower Upper

164 100

162 105.3 81.3 121.9

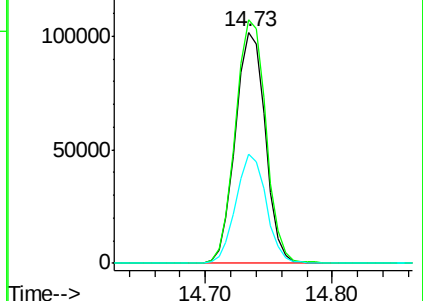
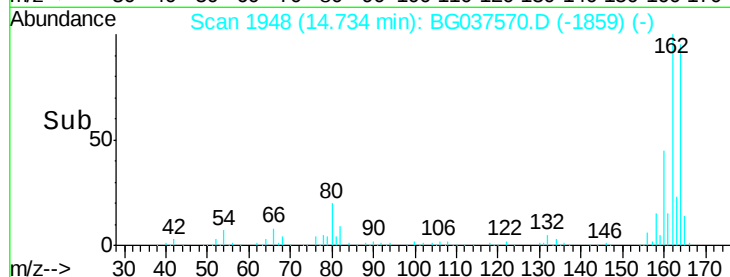
160 47.3 36.3 54.5



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: 125.825 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037570.D

Acq: 26 Oct 2018 8:02

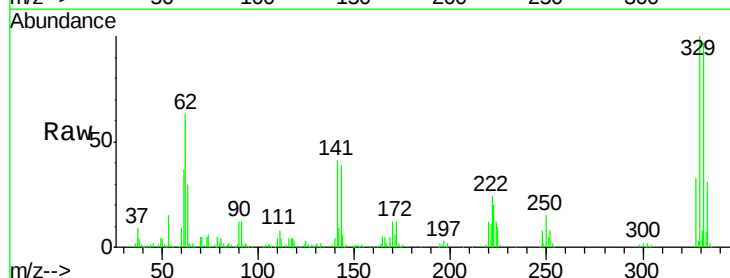
Tgt Ion:330 Resp: 228259

Ion Ratio Lower Upper

330 100

332 94.9 78.4 117.6

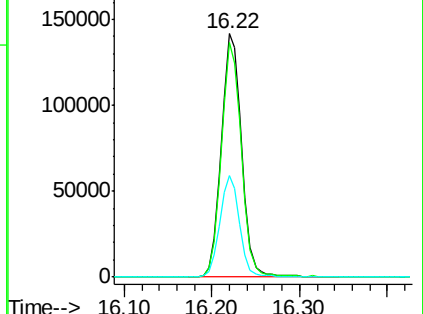
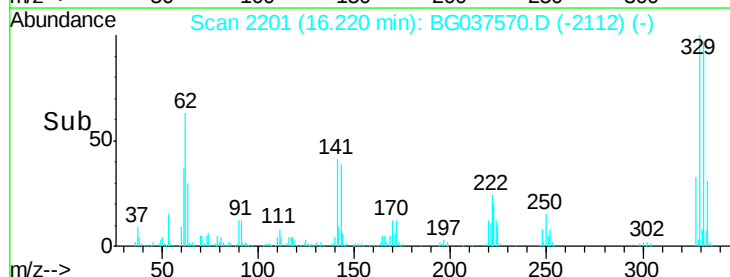
141 40.0 32.2 48.2



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

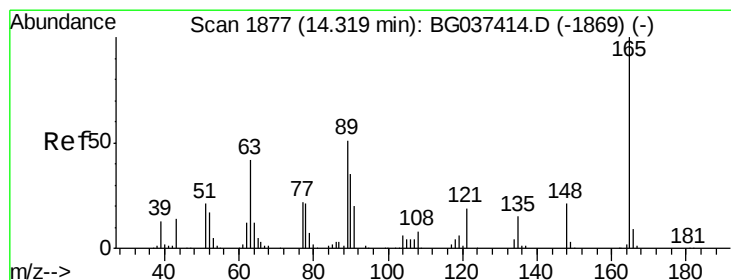
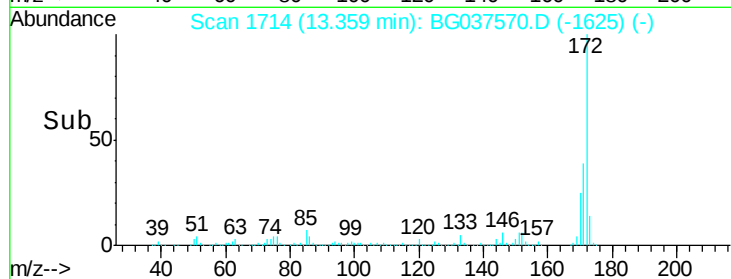
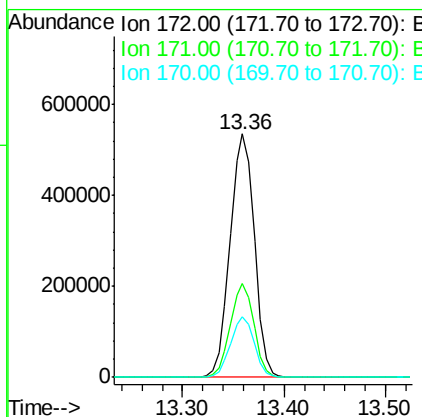
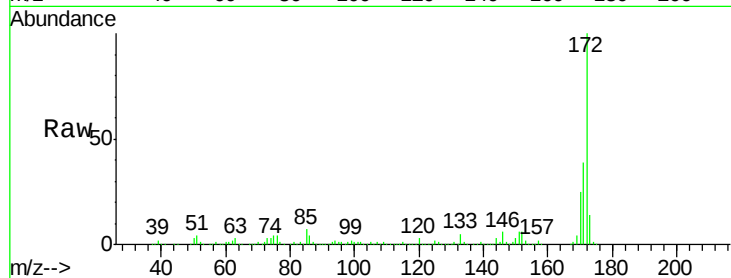




#45
 2-Fluorobiphenyl
 Concen: 80.591 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037570.D
 Acq: 26 Oct 2018 8:02

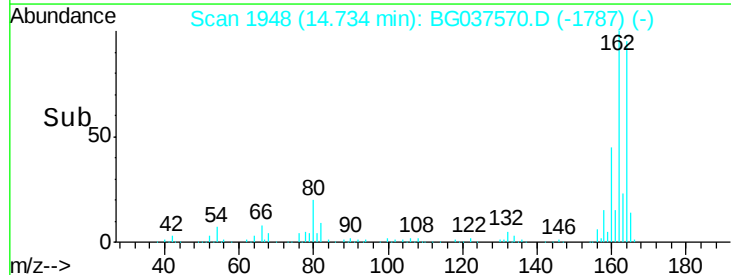
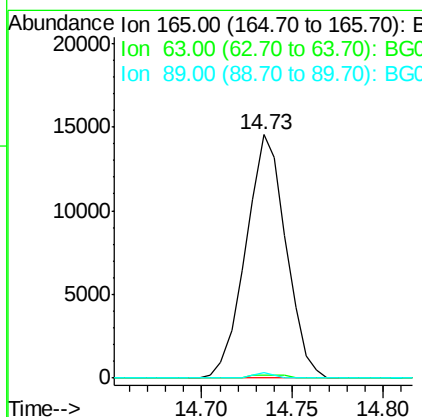
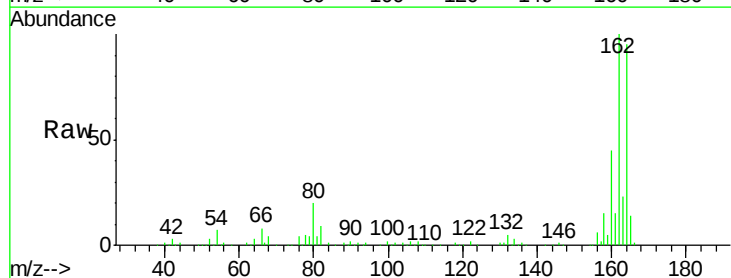
Instrument :
 BNA_G
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 S37-0003

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.0	46.4
170	24.8	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.846 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. 0.41 min
 Lab File: BG037570.D
 Acq: 26 Oct 2018 8:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	43.4	65.2#
89	2.0	45.8	68.6#

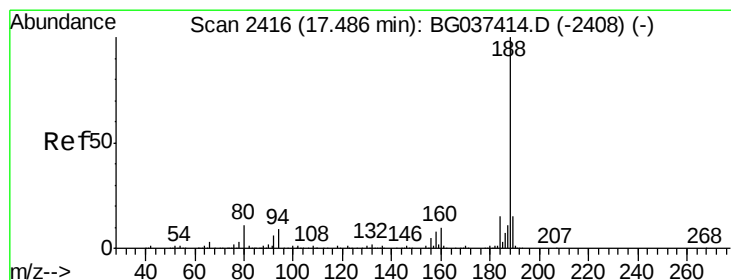
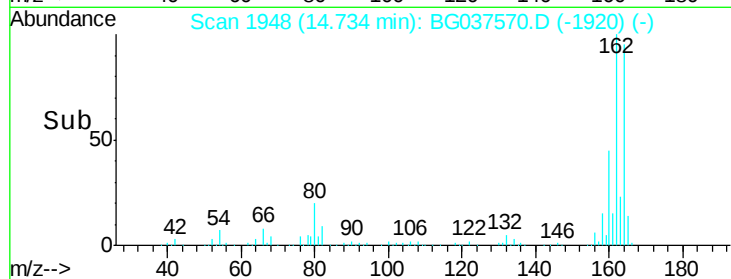
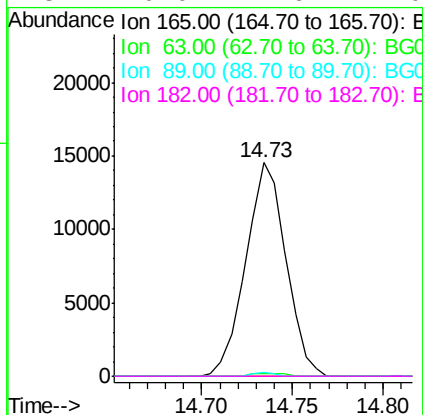
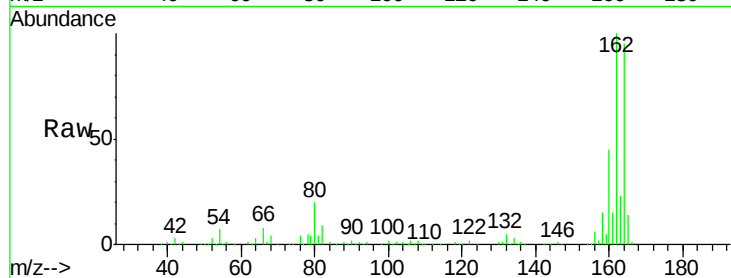




#57
 2,4-Dinitrotoluene
 Concen: 5.977 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037570.D
 Acq: 26 Oct 2018 8:02

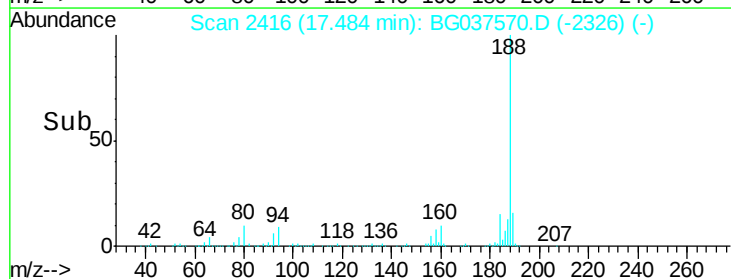
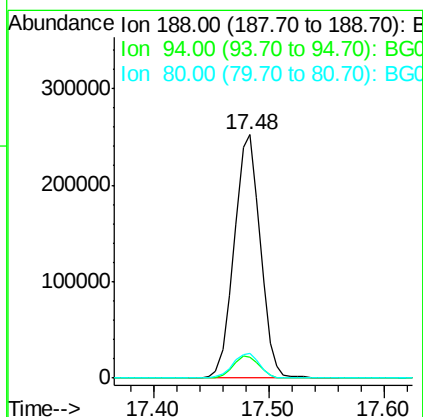
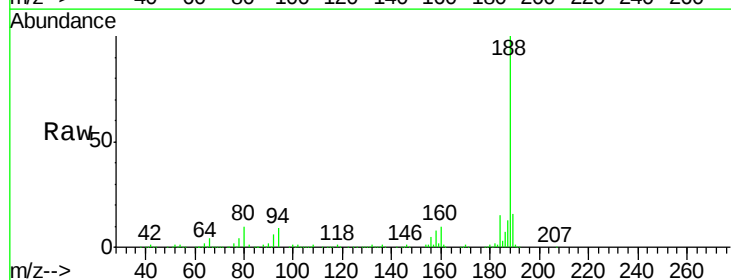
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 ClientSampleId :
 S37-0003

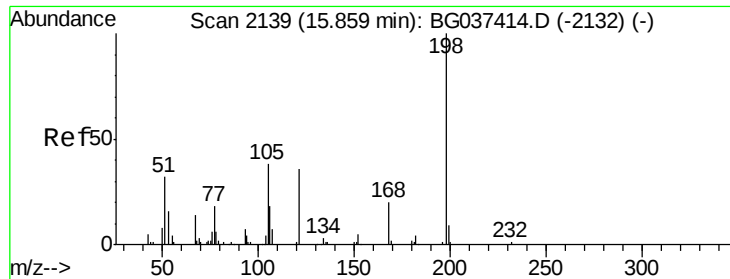
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	33.4	50.0#
89	2.0	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037570.D
 Acq: 26 Oct 2018 8:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	10.3	7.7	11.5

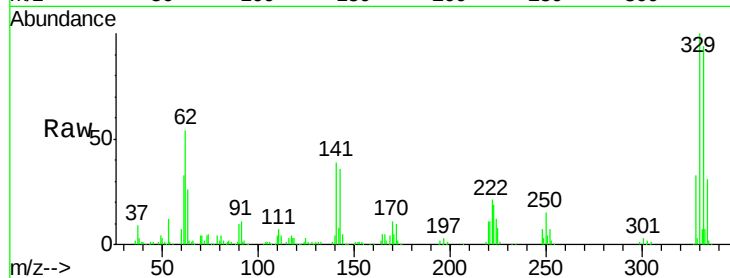




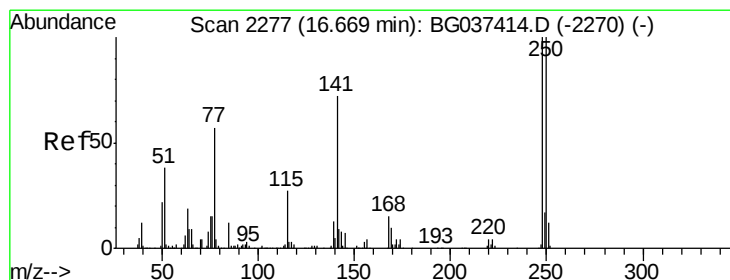
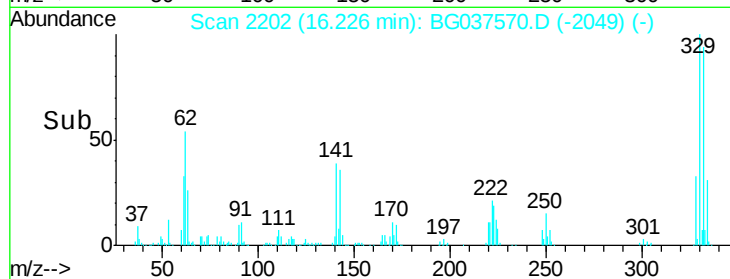
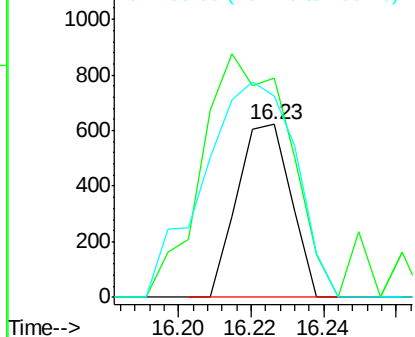
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.764 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. 0.37 min
 Lab File: BG037570.D
 Acq: 26 Oct 2018 8:02

Instrument :
 BNA_G
 ClientSampleId :
 S37-0003

Tgt Ion:198 Resp: 646
 Ion Ratio Lower Upper
 198 100
 51 31.9 22.7 62.7
 105 29.4 19.7 59.7

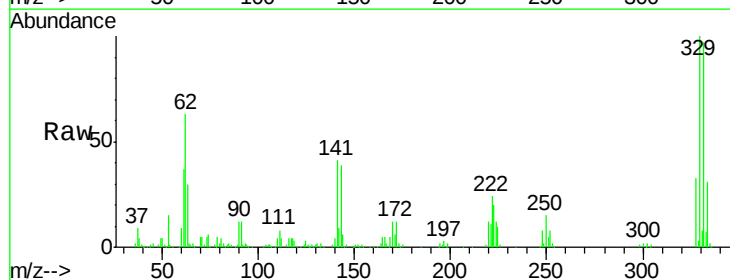


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

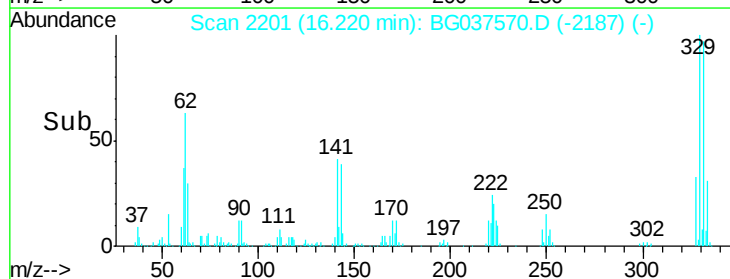
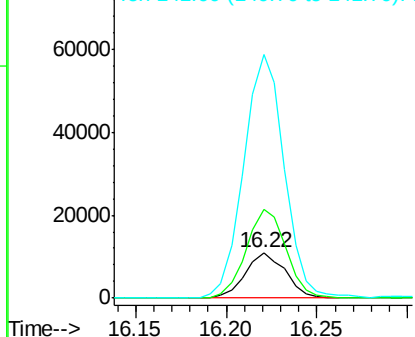


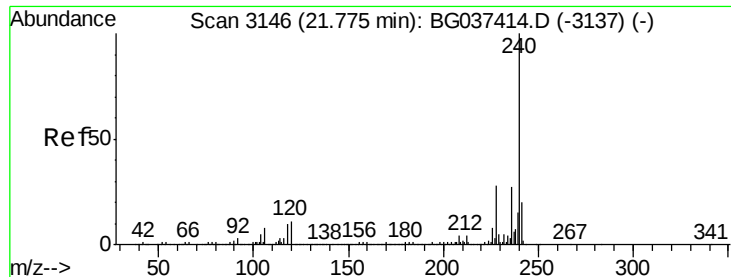
#67
 4-Bromophenyl-phenylether
 Concen: 3.897 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037570.D
 Acq: 26 Oct 2018 8:02

Tgt Ion:248 Resp: 16929
 Ion Ratio Lower Upper
 248 100
 250 196.0 77.0 115.6#
 141 413.4 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

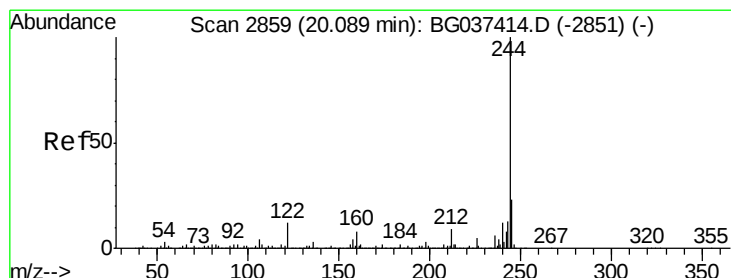
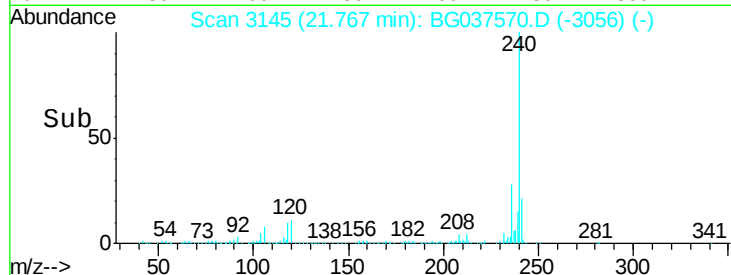
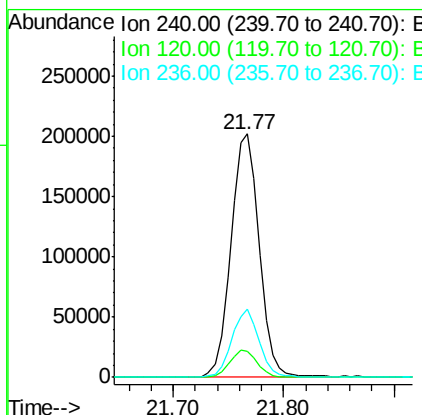
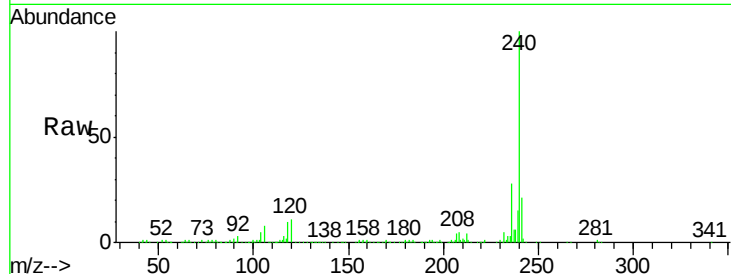




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037570.D
Acq: 26 Oct 2018 8:02

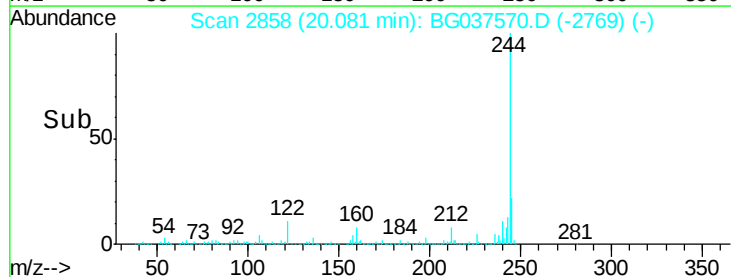
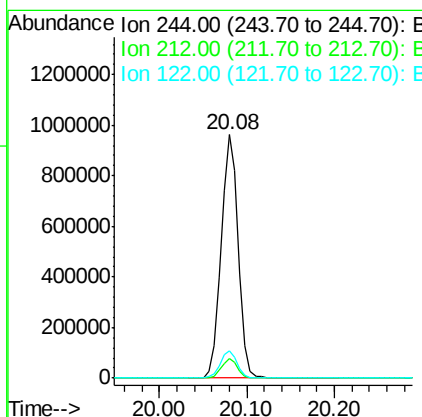
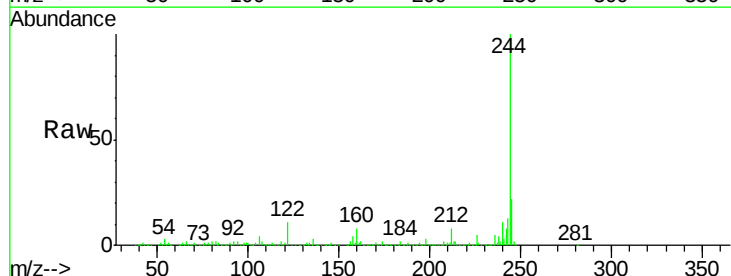
Instrument :
BNA_G
ClientSampleId :
S37-0003

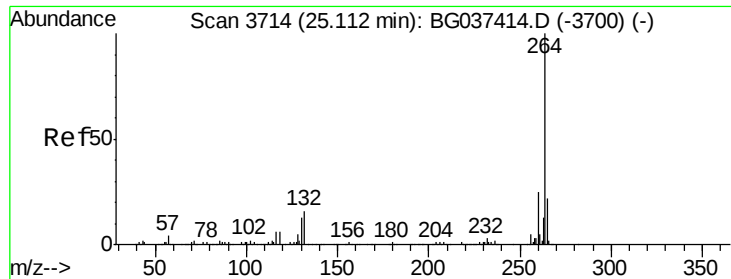
Tgt Ion:240 Resp: 364000
Ion Ratio Lower Upper
240 100
120 10.5 8.1 12.1
236 27.8 21.4 32.0



#79
Terphenyl-d14
Concen: 76.305 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037570.D
Acq: 26 Oct 2018 8:02

Tgt Ion:244 Resp: 1299859
Ion Ratio Lower Upper
244 100
212 8.0 6.5 9.7
122 11.4 9.0 13.4

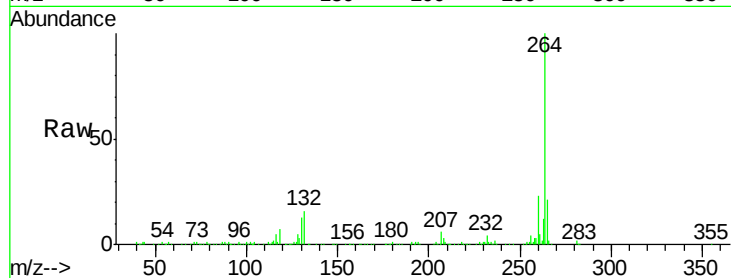




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037570.D
Acq: 26 Oct 2018 8:02

Instrument :
BNA_G
ClientSampleId :
S37-0003

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	21.3	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

