

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102518\
 Data File : BG037576.D
 Acq On : 26 Oct 2018 11:56
 Operator : JU/SJ
 Sample : J5655-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S37-0004

Quant Time: Oct 26 13:36:56 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	8.11	152	50380	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	222572	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	150324	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	382221	20.00	ng	0.00
76) Chrysene-d12	21.77	240	349060	20.00	ng	0.00
87) Perylene-d12	25.10	264	336071	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	167772	55.67	ng	0.00
7) Phenol-d6	7.24	99	148721	32.64	ng	0.00
23) Nitrobenzene-d5	9.28	82	321183	80.84	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	201441	122.86	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	789272	79.17	ng	0.00
79) Terphenyl-d14	20.08	244	1293229	79.16	ng	0.00

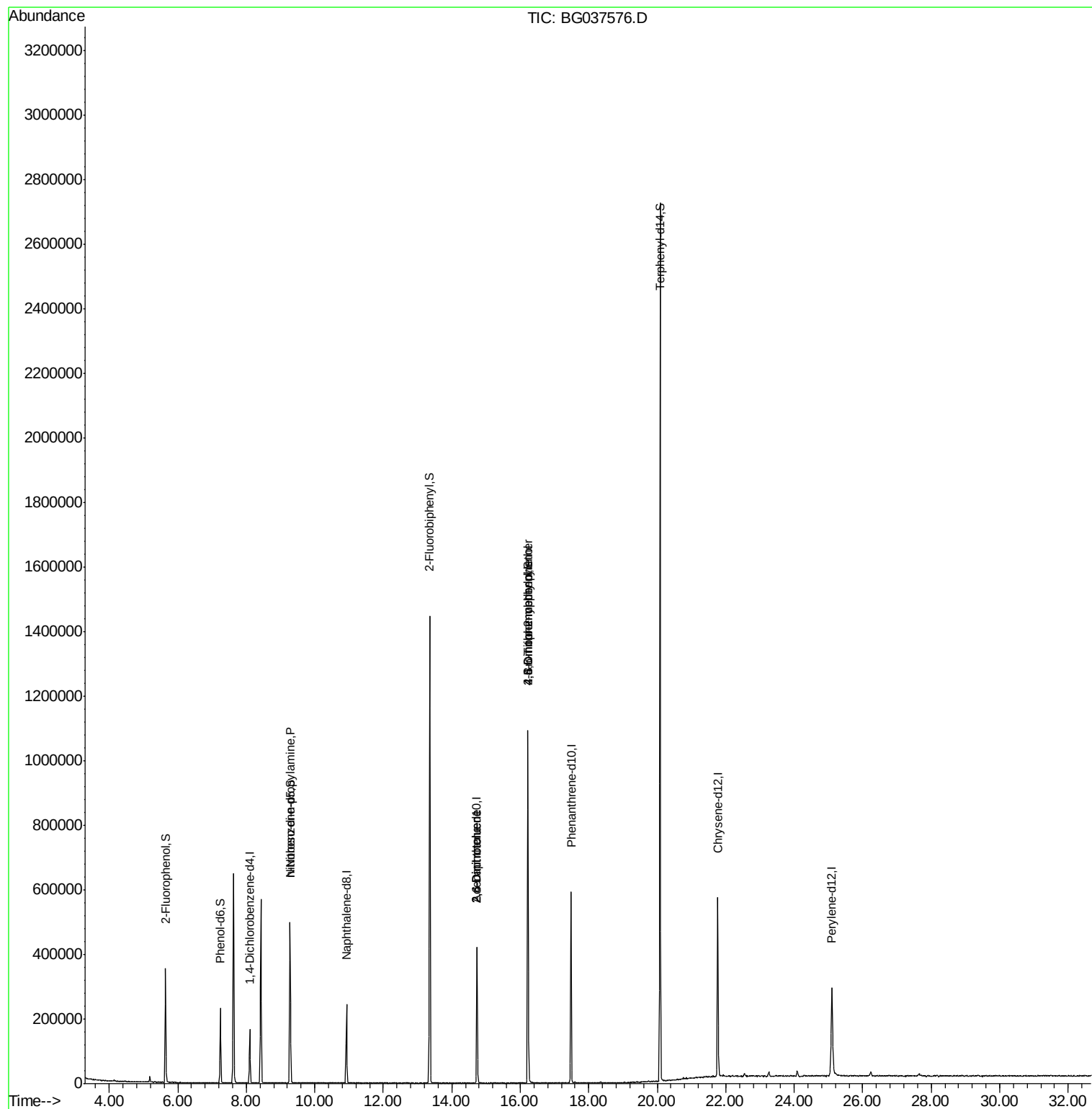
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.28	70	39206	12.495	ng	# 69
51) 2,6-Dinitrotoluene	14.73	165	18723	7.278	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	18723	5.544	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.23	198	714	8.800	ng	73
67) 4-Bromophenyl-phenylether	16.22	248	14986	3.570	ng	# 1

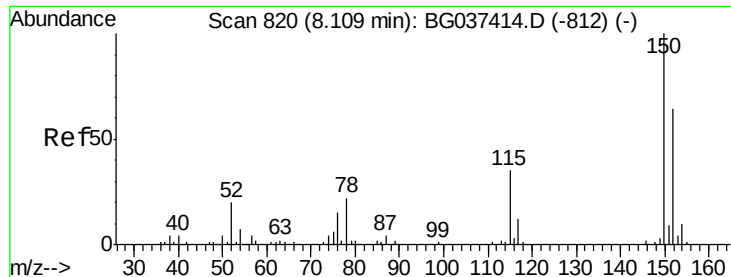
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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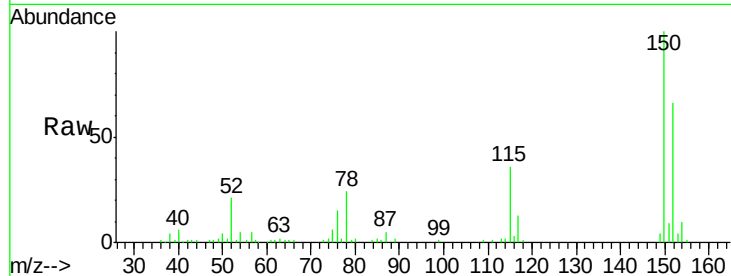


#1

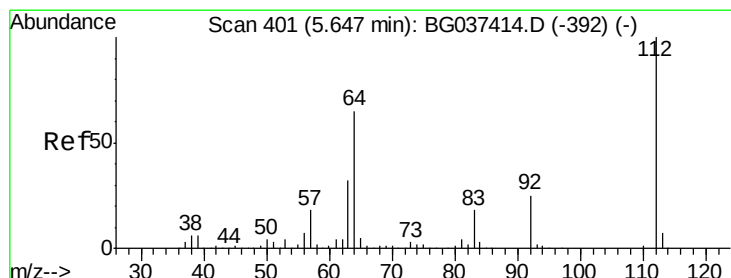
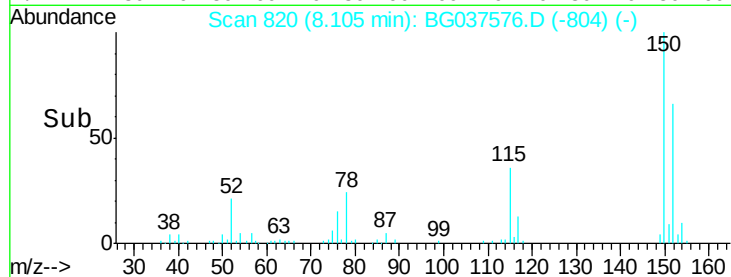
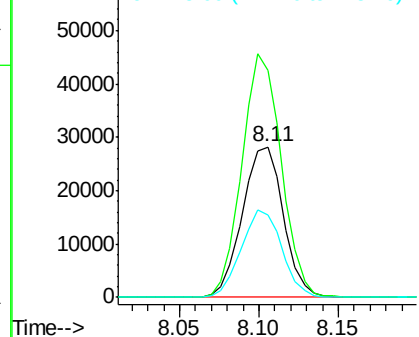
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037576.D
Acq: 26 Oct 2018 11:56

Instrument :
BNA_G
ClientSampleId :
S37-0004

Tgt Ion:152 Resp: 50380
Ion Ratio Lower Upper
152 100
150 150.6 126.0 189.0
115 54.5 45.5 68.3



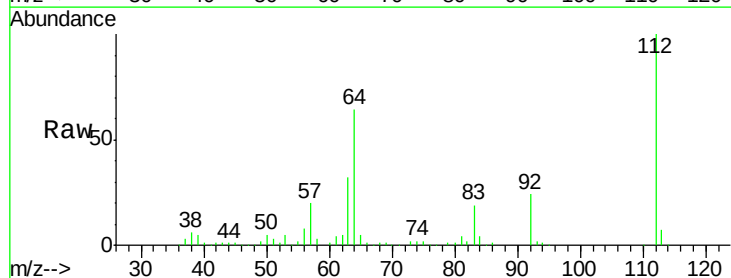
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



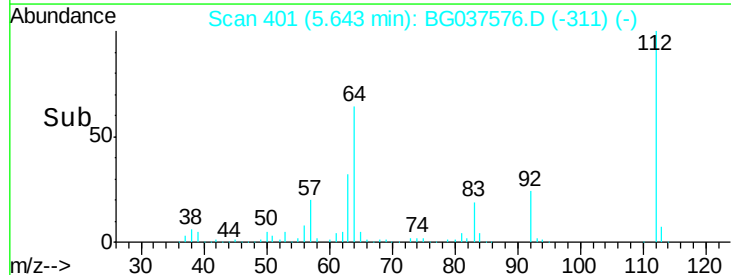
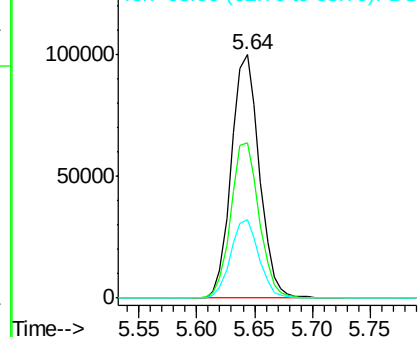
#5

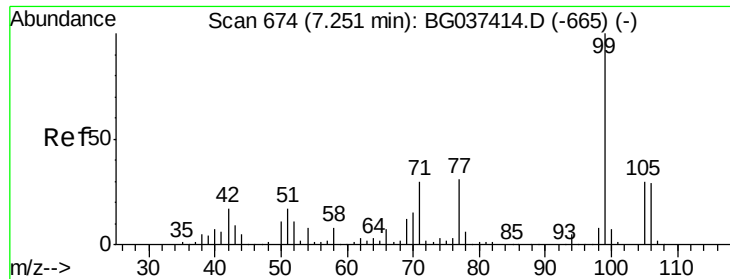
2-Fluorophenol
Concen: 55.675 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037576.D
Acq: 26 Oct 2018 11:56

Tgt Ion:112 Resp: 167772
Ion Ratio Lower Upper
112 100
64 63.7 53.1 79.7
63 32.4 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: 32.638 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037576.D

Acq: 26 Oct 2018 11:56

Instrument :

BNA_G

ClientSampled :

S37-0004

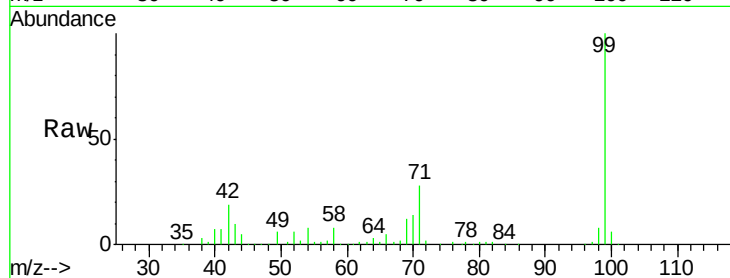
Tgt Ion: 99 Resp: 148721

Ion Ratio Lower Upper

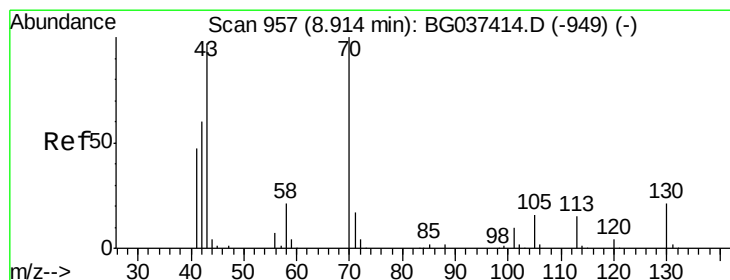
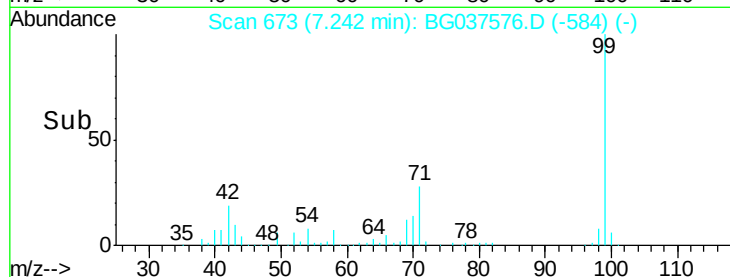
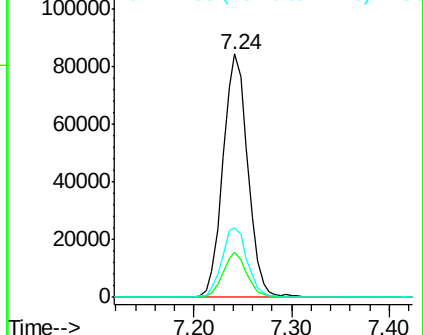
99 100

42 18.5 15.0 22.4

71 28.5 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: 12.495 ng

RT: 9.28 min Scan# 1020

Delta R.T. 0.37 min

Lab File: BG037576.D

Acq: 26 Oct 2018 11:56

Tgt Ion: 70 Resp: 39206

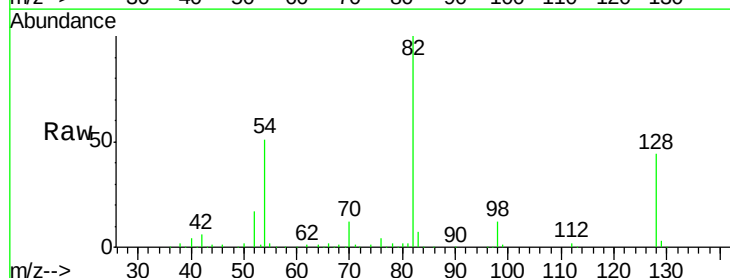
Ion Ratio Lower Upper

70 100

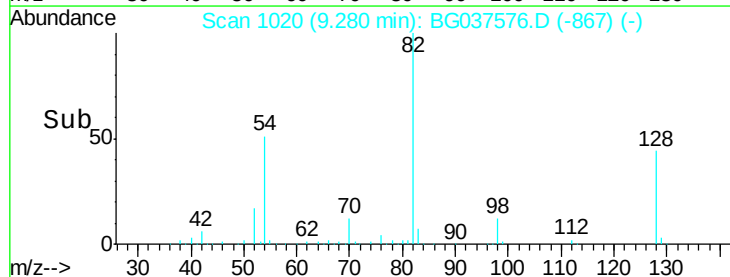
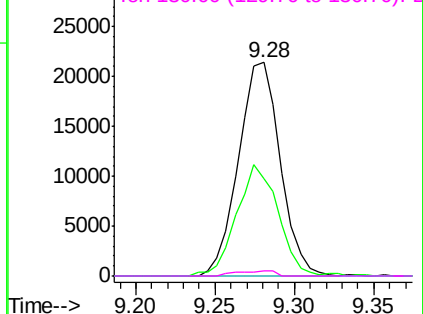
42 45.6 53.9 80.9#

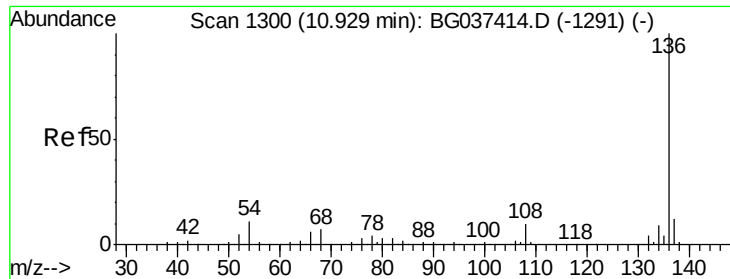
101 0.0 8.2 12.2#

130 2.4 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

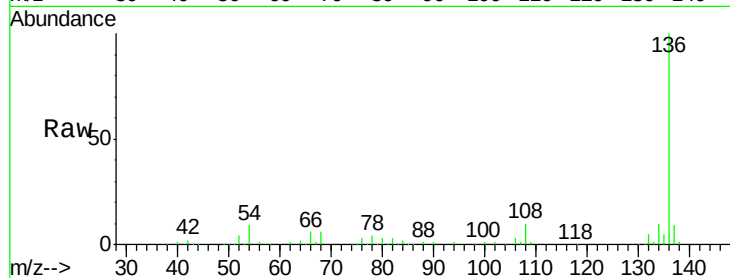




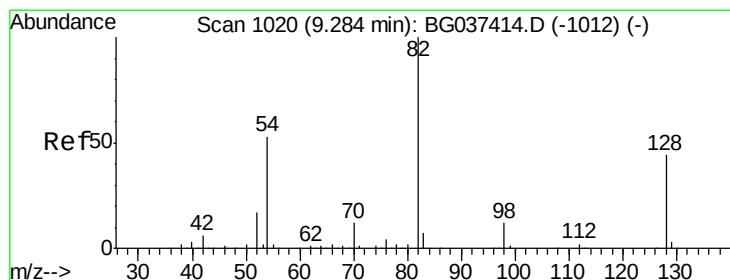
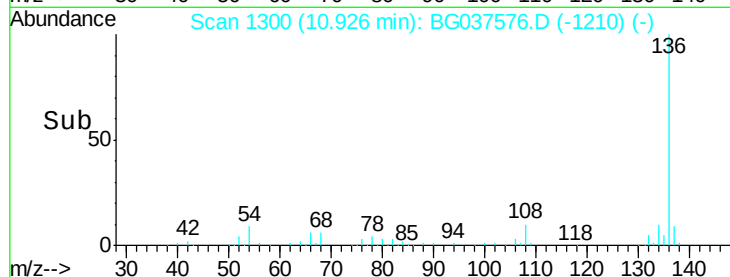
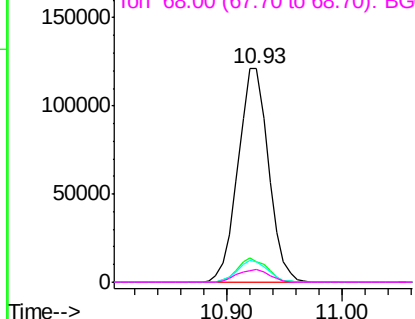
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037576.D
Acq: 26 Oct 2018 11:56

Instrument :
BNA_G
ClientSampleId :
S37-0004

Tgt Ion: 136 Resp: 222572
Ion Ratio Lower Upper
136 100
137 9.3 9.6 14.4#
54 9.5 7.9 11.9
68 5.8 4.8 7.2

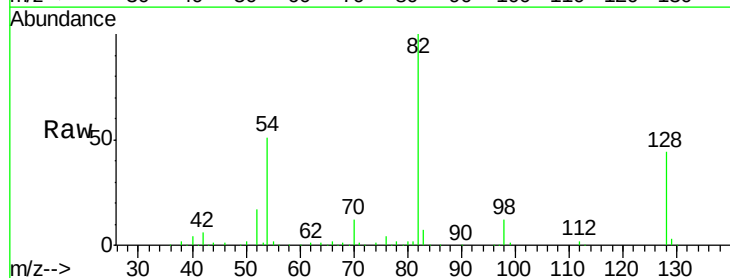


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

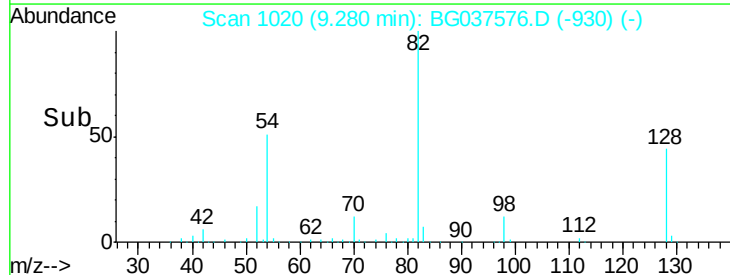
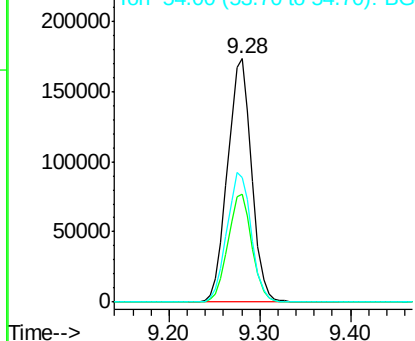


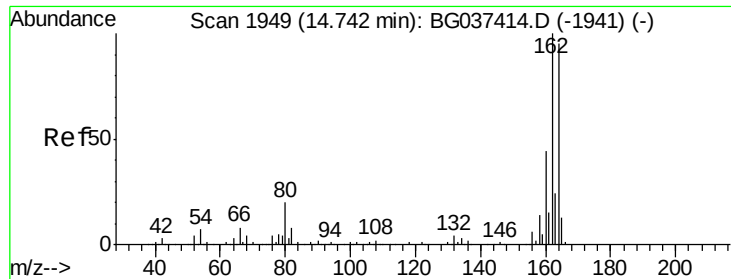
#23
Nitrobenzene-d5
Concen: 80.838 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037576.D
Acq: 26 Oct 2018 11:56

Tgt Ion: 82 Resp: 321183
Ion Ratio Lower Upper
82 100
128 44.4 34.6 51.8
54 51.3 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: BG037576.D

Acq: 26 Oct 2018 11:56

Instrument :

BNA_G

ClientSampleId :

S37-0004

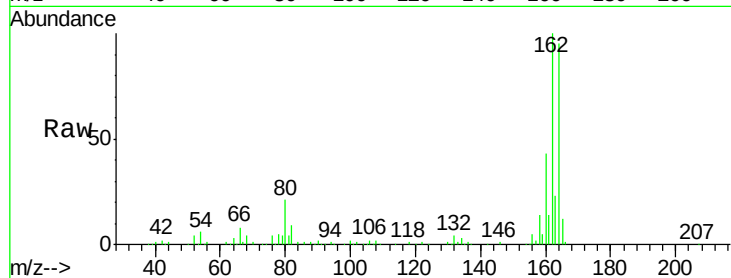
Tgt Ion:164 Resp: 150324

Ion Ratio Lower Upper

164 100

162 104.9 81.3 121.9

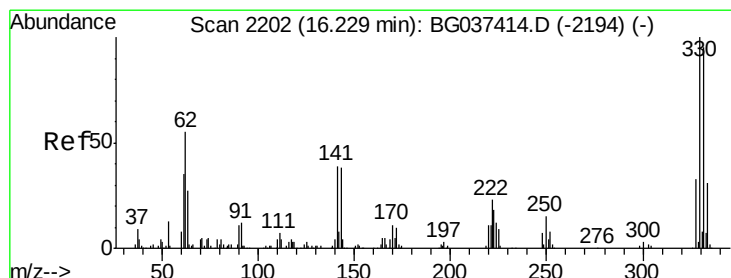
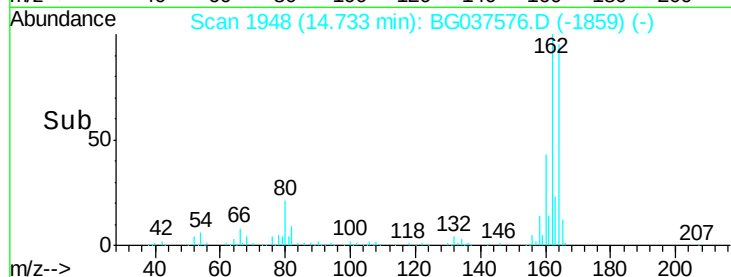
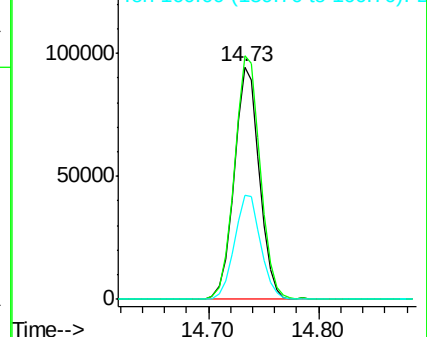
160 44.7 36.3 54.5



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: 122.862 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037576.D

Acq: 26 Oct 2018 11:56

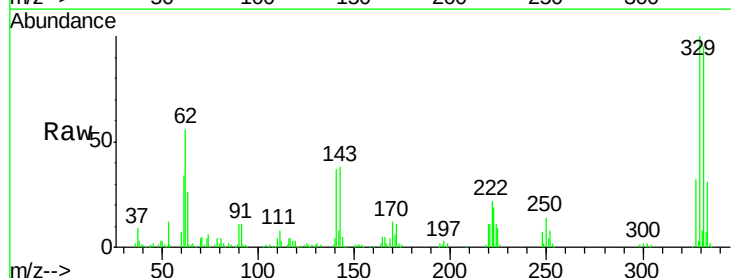
Tgt Ion:330 Resp: 201441

Ion Ratio Lower Upper

330 100

332 95.9 78.4 117.6

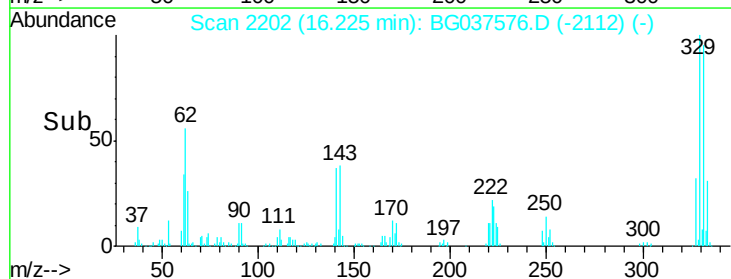
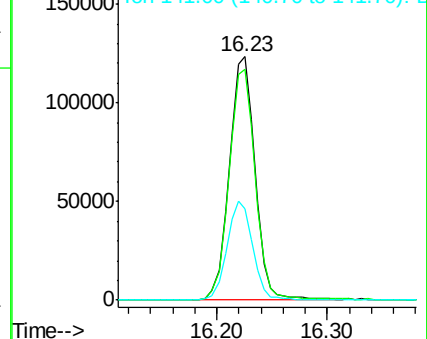
141 40.3 32.2 48.2

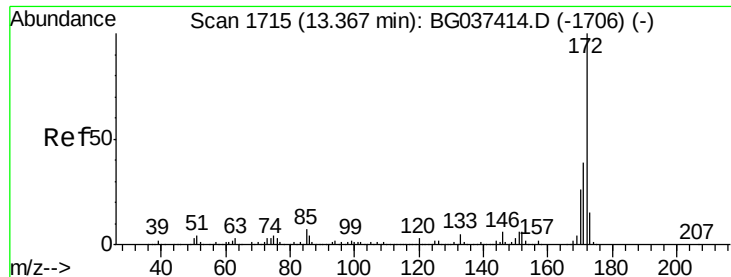


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

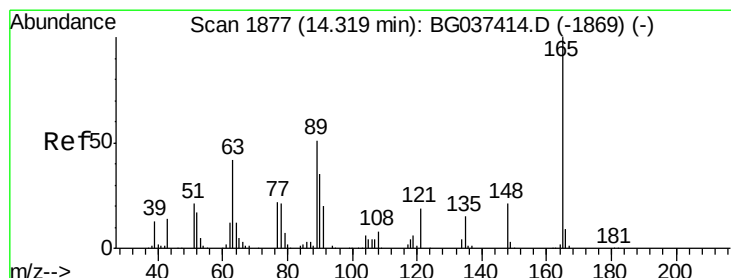
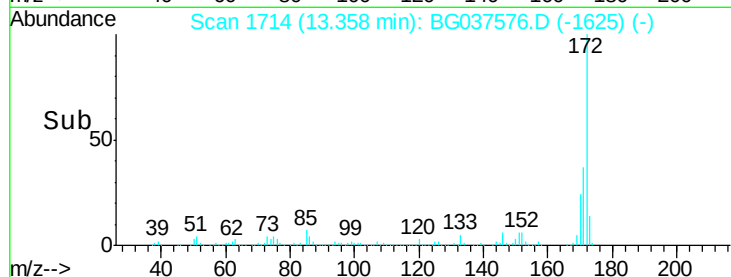
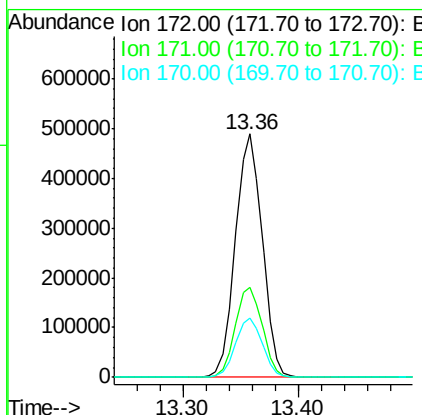
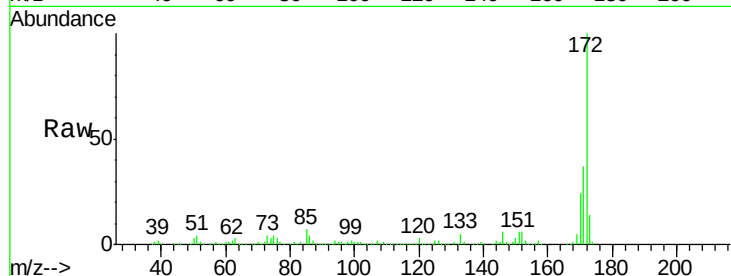




#45
 2-Fluorobiphenyl
 Concen: 79.174 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037576.D
 Acq: 26 Oct 2018 11:56

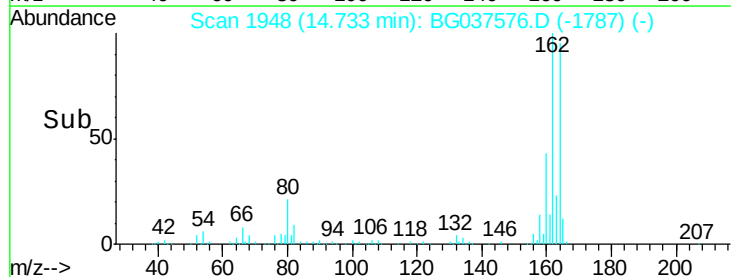
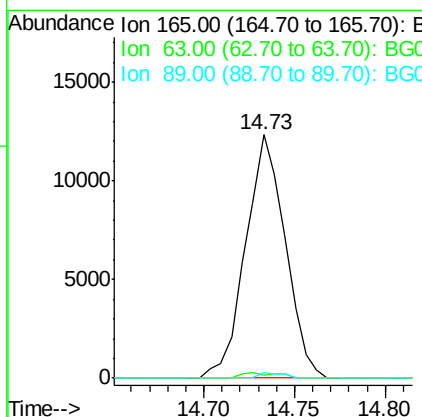
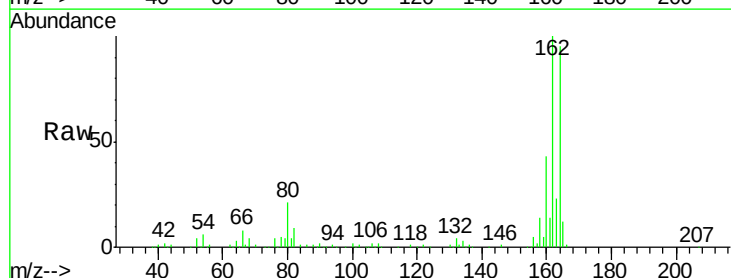
Instrument :
 BNA_G
 ClientSampleId :
 S37-0004

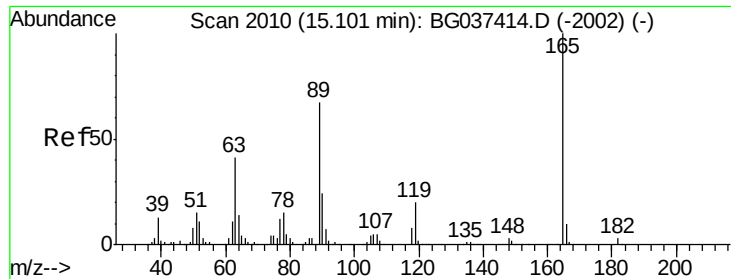
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.0	46.4
170	24.5	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.278 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. 0.41 min
 Lab File: BG037576.D
 Acq: 26 Oct 2018 11:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.4	65.2#
89	2.2	45.8	68.6#

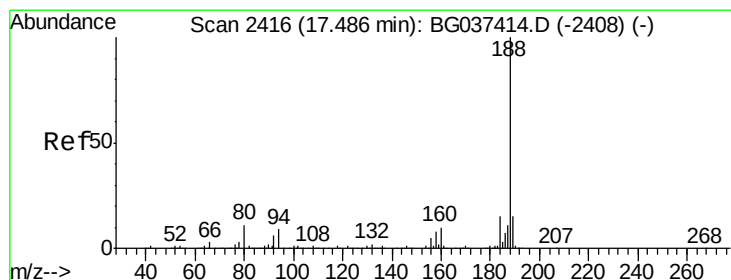
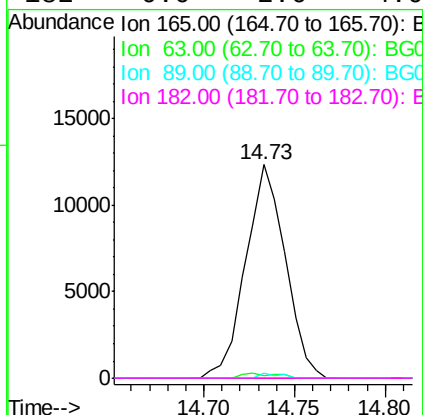
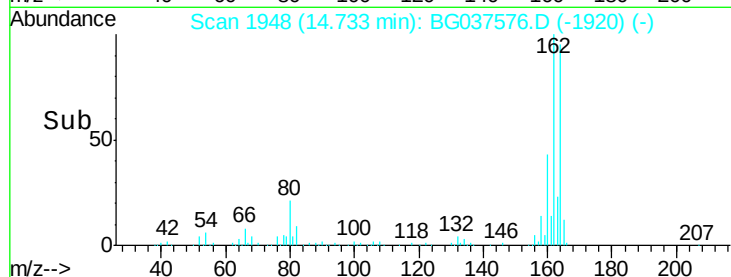
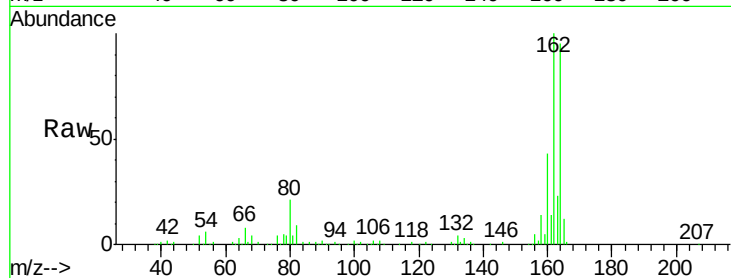




#57
 2,4-Dinitrotoluene
 Concen: 5.544 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037576.D
 Acq: 26 Oct 2018 11:56

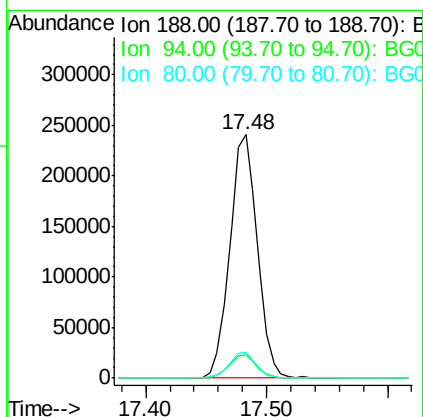
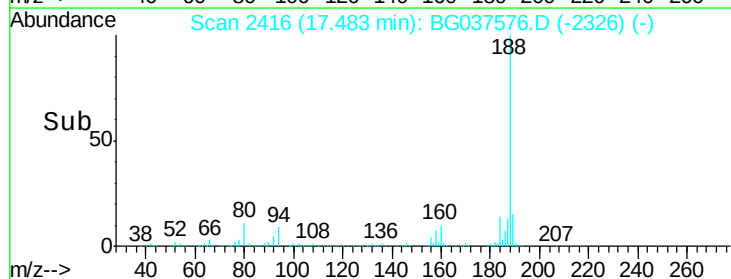
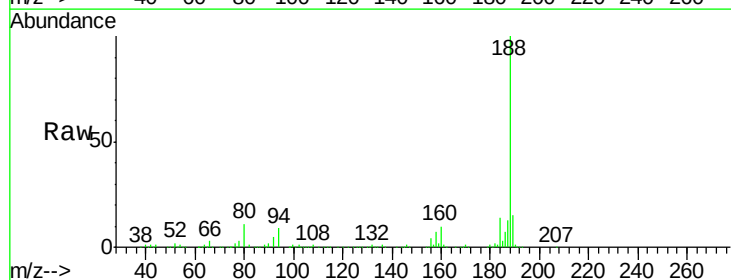
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 BNA_G
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 S37-0004

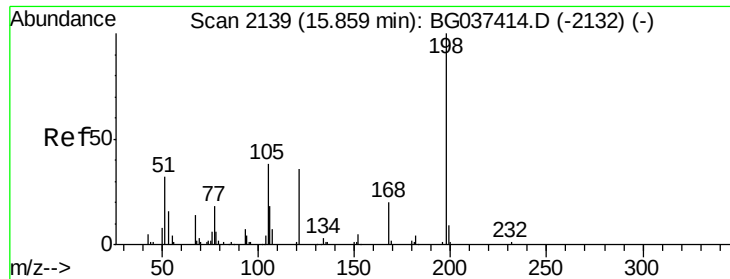
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.4	50.0#
89	2.2	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037576.D
 Acq: 26 Oct 2018 11:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.8	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 8.800 ng

RT: 16.23 min Scan# 2202

Delta R.T. 0.37 min

Lab File: BG037576.D

Acq: 26 Oct 2018 11:56

Instrument :

BNA_G

ClientSampleId :

S37-0004

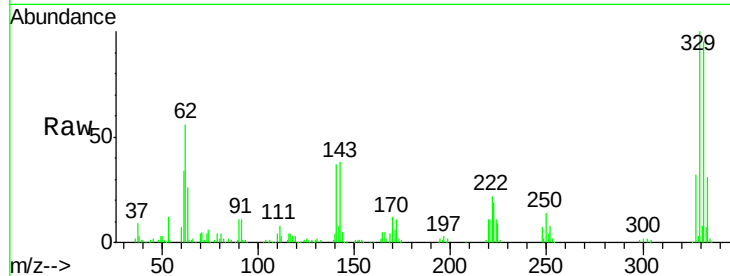
Tgt Ion:198 Resp: 714

Ion Ratio Lower Upper

198 100

51 28.2 22.7 62.7

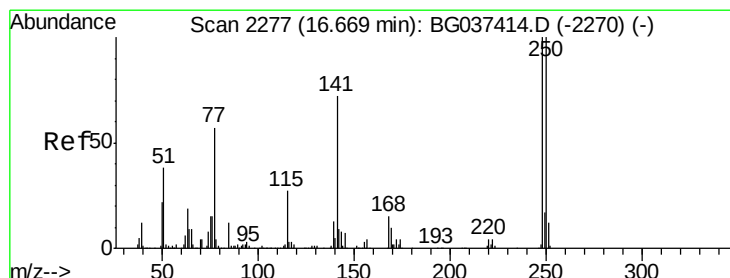
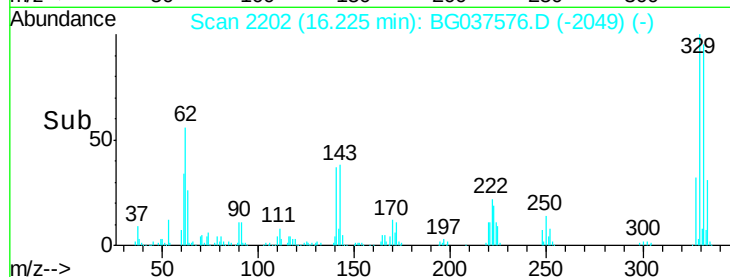
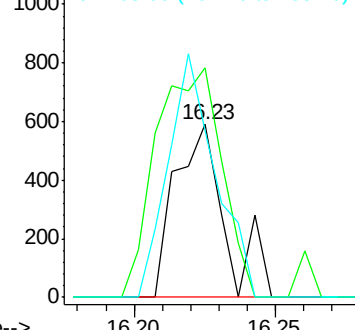
105 20.5 19.7 59.7



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: 3.570 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.45 min

Lab File: BG037576.D

Acq: 26 Oct 2018 11:56

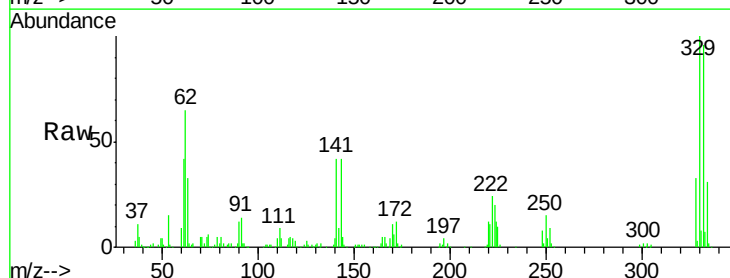
Tgt Ion:248 Resp: 14986

Ion Ratio Lower Upper

248 100

250 188.6 77.0 115.6#

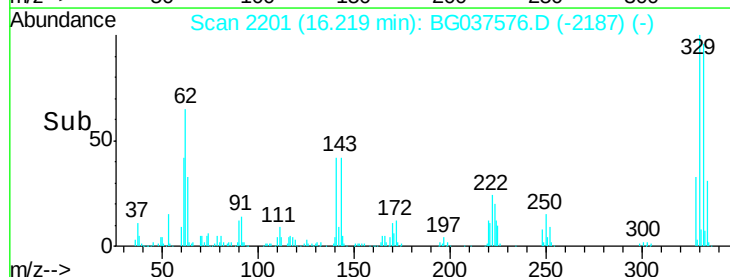
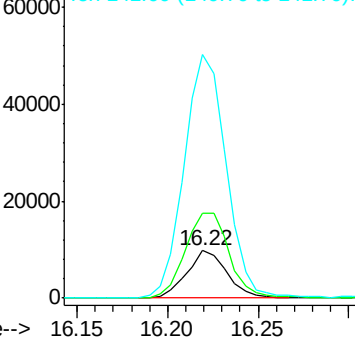
141 418.2 55.5 83.3#

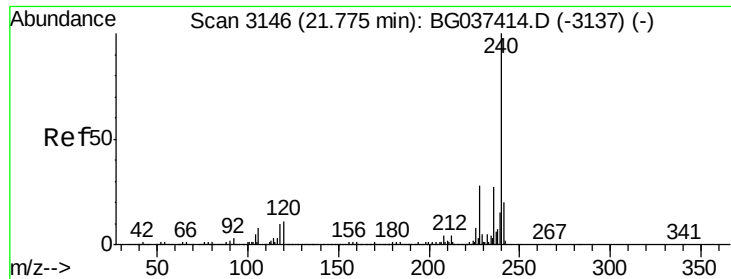


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

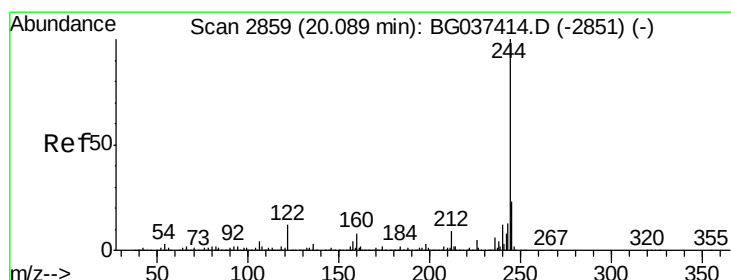
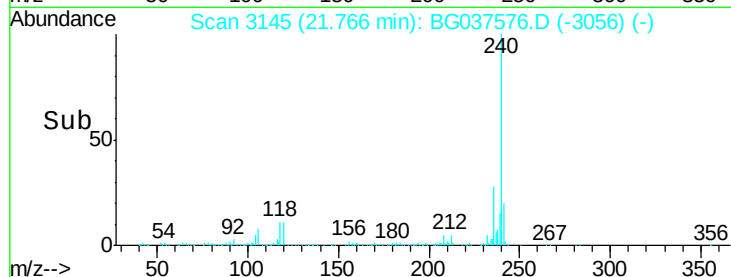
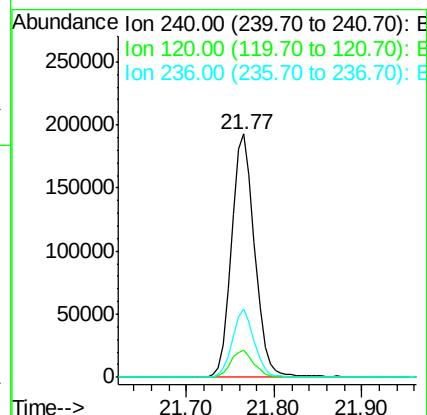
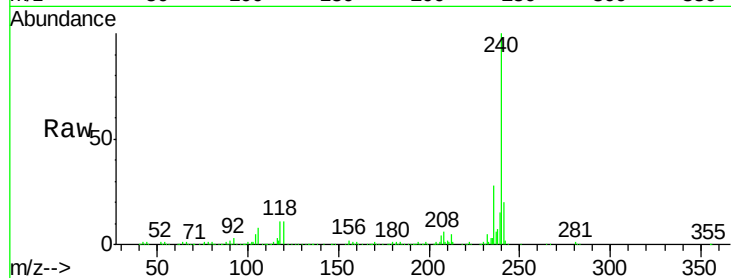




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037576.D
Acq: 26 Oct 2018 11:56

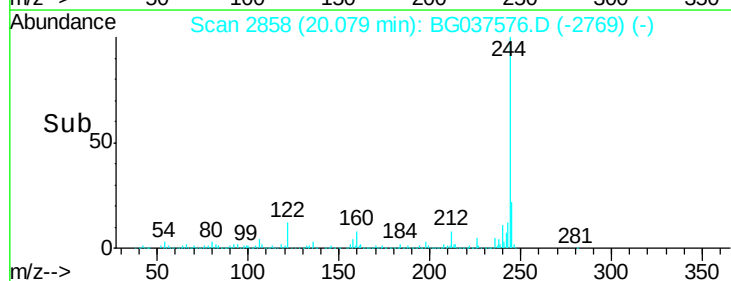
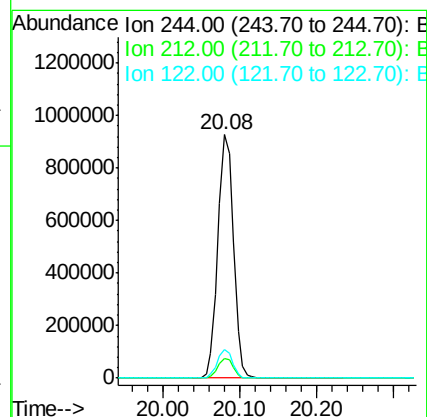
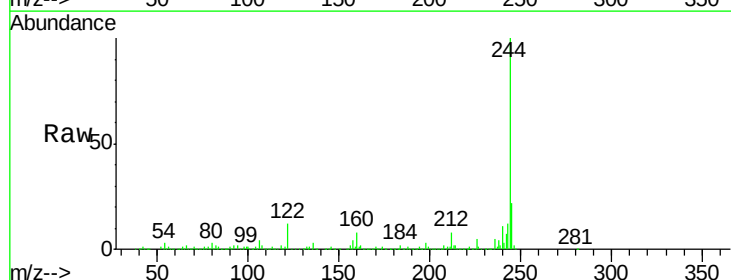
Instrument :
BNA_G
ClientSampleId :
S37-0004

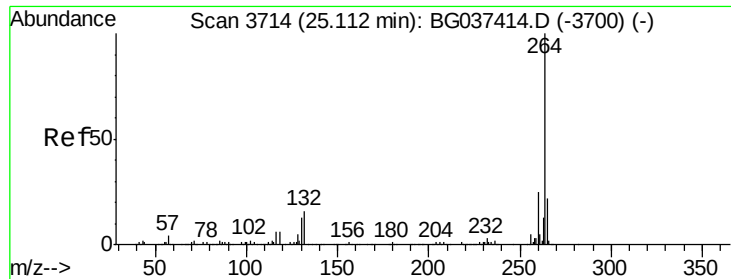
Tgt Ion:240 Resp: 349060
Ion Ratio Lower Upper
240 100
120 11.0 8.1 12.1
236 27.8 21.4 32.0



#79
Terphenyl-d14
Concen: 79.165 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037576.D
Acq: 26 Oct 2018 11:56

Tgt Ion:244 Resp: 1293229
Ion Ratio Lower Upper
244 100
212 8.0 6.5 9.7
122 11.8 9.0 13.4

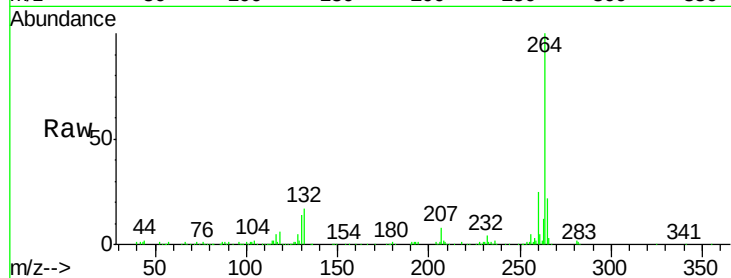




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.02 min
Lab File: BG037576.D
Acq: 26 Oct 2018 11:56

Instrument :
BNA_G
ClientSampleId :
S37-0004

Tgt Ion: 264 Resp: 336071
Ion Ratio Lower Upper
264 100
260 24.7 18.2 27.4
265 22.3 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

