

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102418\
 Data File : BG037525.D
 Acq On : 25 Oct 2018 00:02
 Operator : JU/SJ
 Sample : J5200-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 25 08:01:33 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

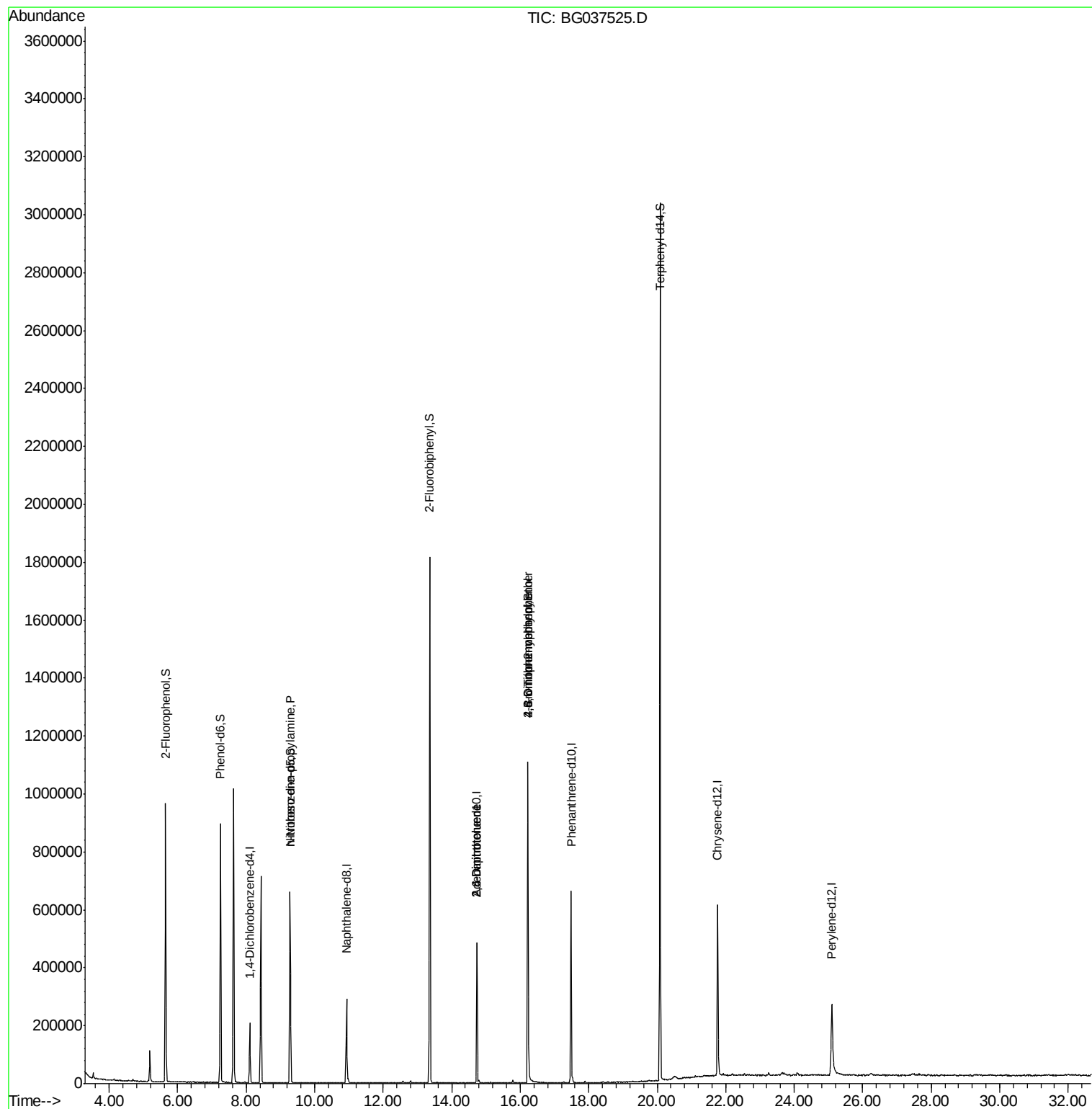
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	61053	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	266087	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	178472	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	415329	20.00	ng	0.00
76) Chrysene-d12	21.76	240	379190	20.00	ng	-0.01
87) Perylene-d12	25.10	264	353647	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	432960	118.56	ng	0.00
7) Phenol-d6	7.25	99	564298	102.19	ng	0.00
23) Nitrobenzene-d5	9.28	82	410291	86.38	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	208219	106.97	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	951074	80.36	ng	0.00
79) Terphenyl-d14	20.08	244	1449518	81.68	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	51817	13.627	ng	# 74
51) 2,6-Dinitrotoluene	14.73	165	23269	7.618	ng	# 24
57) 2,4-Dinitrotoluene	14.73	165	23269	5.804	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.23	198	566	8.721	ng	76
67) 4-Bromophenyl-phenylether	16.22	248	15469	3.392	ng	# 1

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

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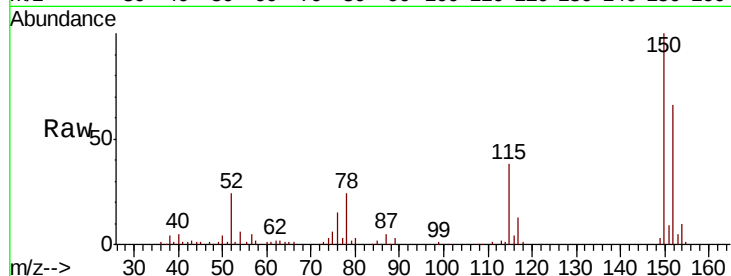


#1

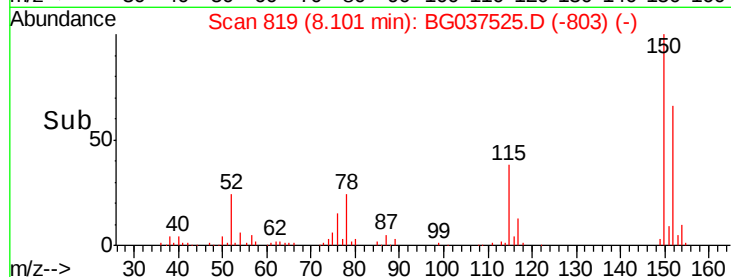
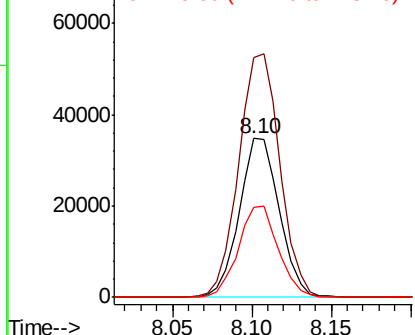
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037525.D
Acq: 25 Oct 2018 00:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 61053
Ion Ratio Lower Upper
152 100
150 151.2 126.0 189.0
115 57.0 45.5 68.3



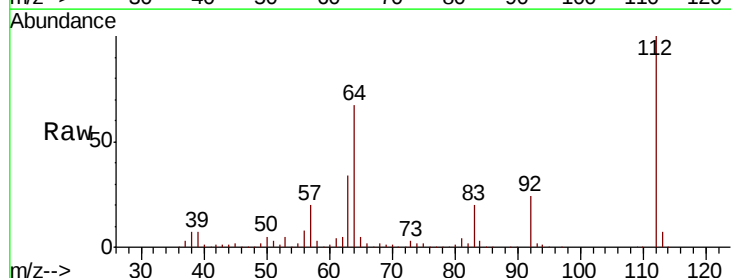
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



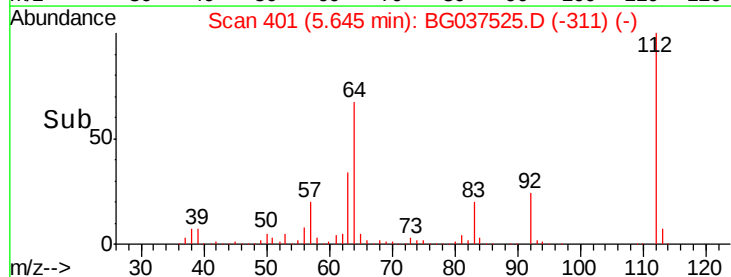
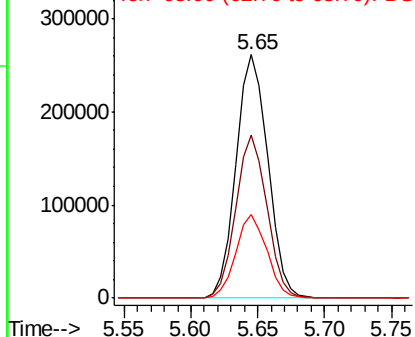
#5

2-Fluorophenol
Concen: 118.560 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037525.D
Acq: 25 Oct 2018 00:02

Tgt Ion:112 Resp: 432960
Ion Ratio Lower Upper
112 100
64 66.8 53.1 79.7
63 34.2 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: 102.191 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037525.D

Acq: 25 Oct 2018 00:02

Instrument :

BNA_G

ClientSampleId :

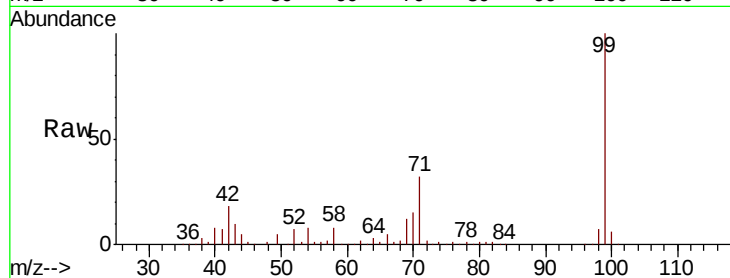
Tot Ion: 99 Resp: 564298

Ion Ratio Lower Upper

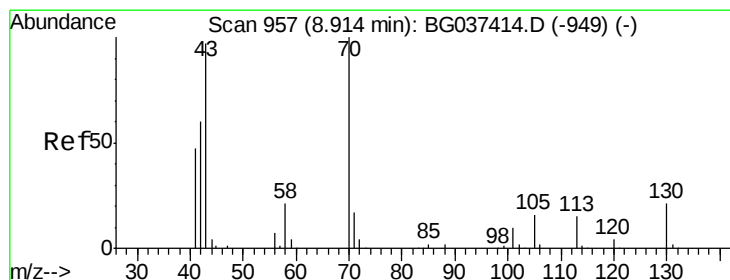
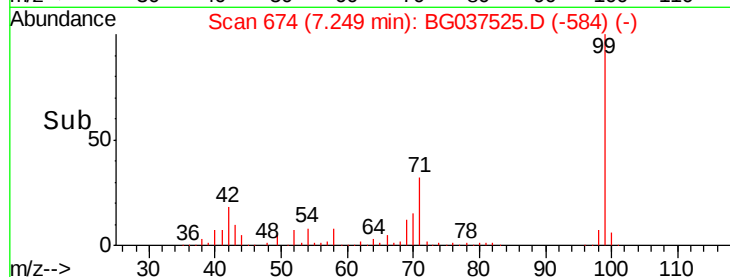
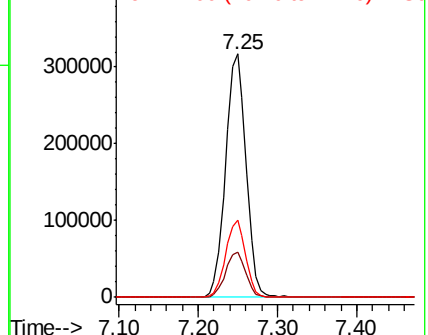
99 100

42 18.4 15.0 22.4

71 31.9 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: 13.627 ng

RT: 9.28 min Scan# 1020

Delta R.T. 0.37 min

Lab File: BG037525.D

Acq: 25 Oct 2018 00:02

Tgt Ion: 70 Resp: 51817

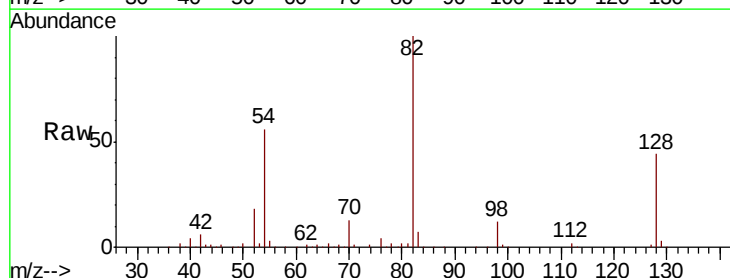
Ion Ratio Lower Upper

70 100

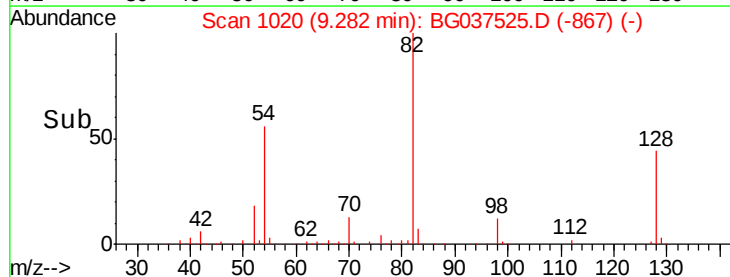
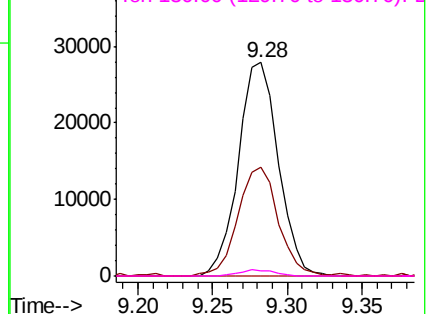
42 51.2 53.9 80.9#

101 0.0 8.2 12.2#

130 2.5 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

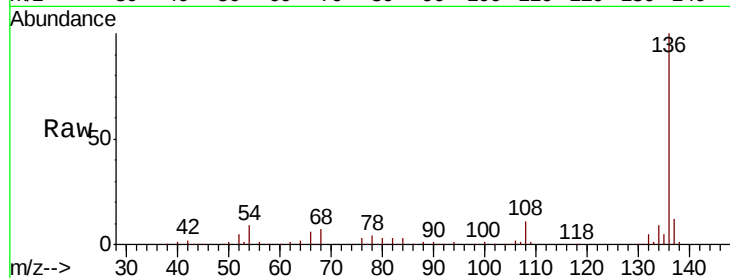




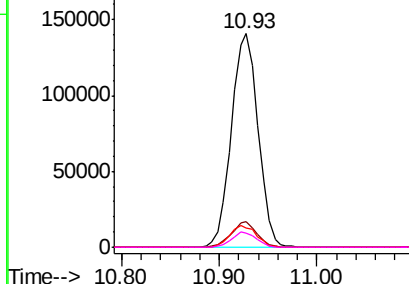
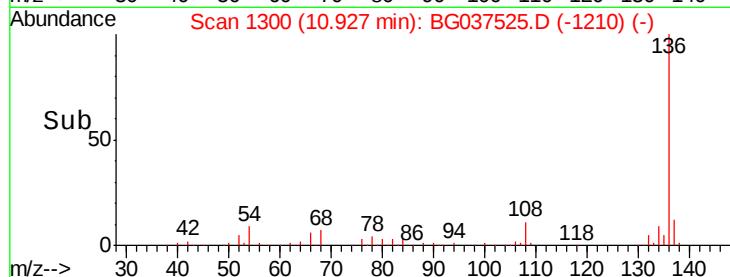
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037525.D
Acq: 25 Oct 2018 00:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	266087
Ion Ratio	Lower	Upper
136 100		
137 12.2	9.6	14.4
54 9.3	7.9	11.9
68 6.7	4.8	7.2

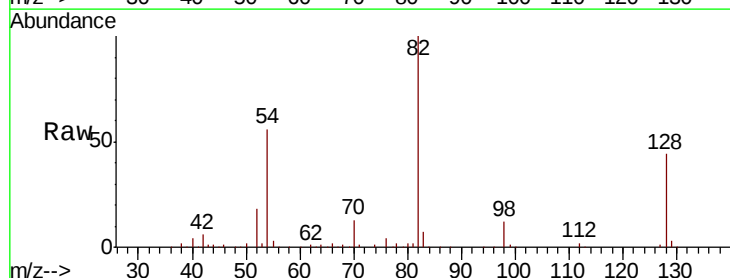


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

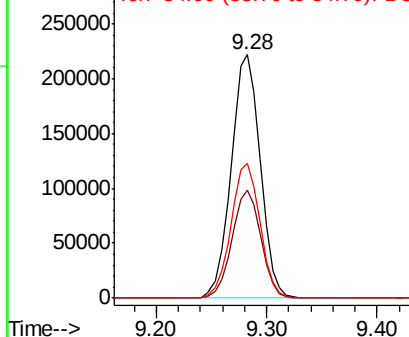
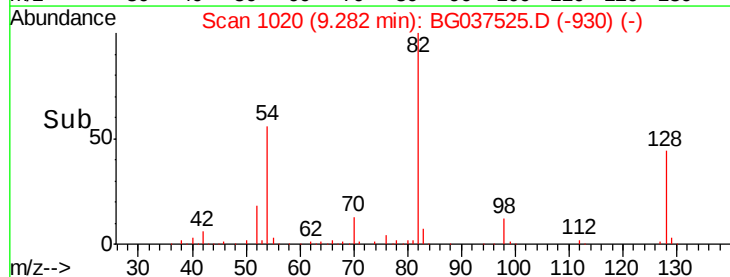


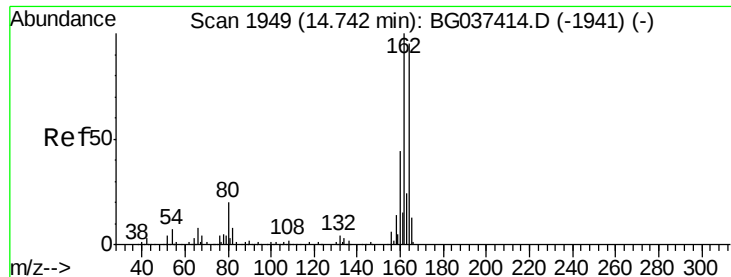
#23
Nitrobenzene-d5
Concen: 86.378 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037525.D
Acq: 25 Oct 2018 00:02

Tgt Ion: 82	Resp: 410291
Ion Ratio	Lower Upper
82 100	
128 44.2	34.6 51.8
54 55.5	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

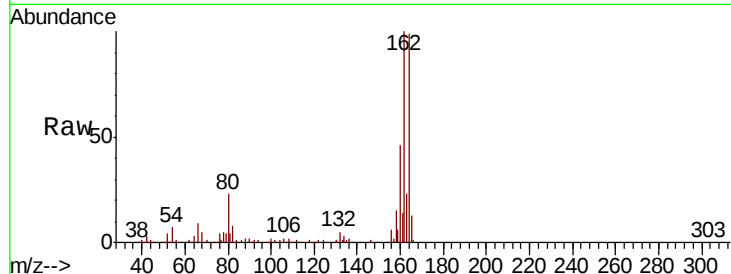




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037525.D
Acq: 25 Oct 2018 00:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.3	121.9
160	46.6	36.3	54.5

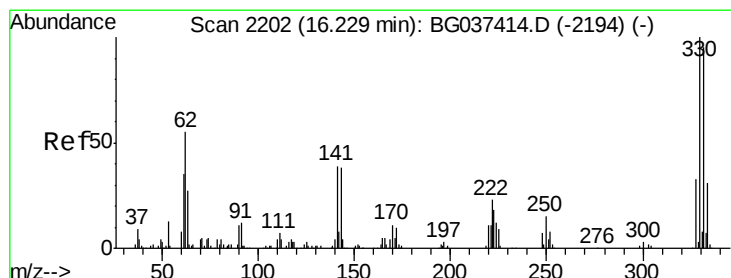
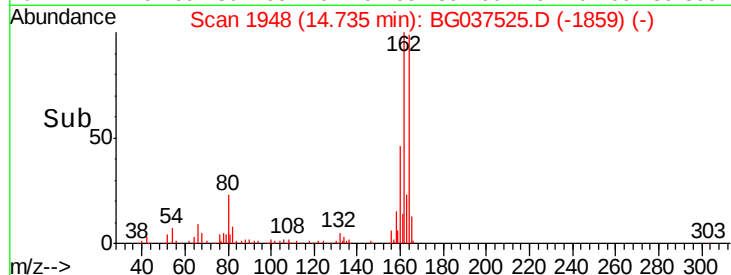
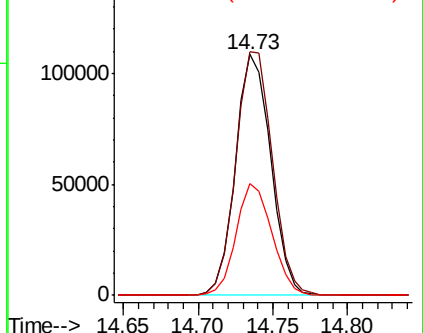


Abundance

Ion 164.00 (163.70 to 164.70): E

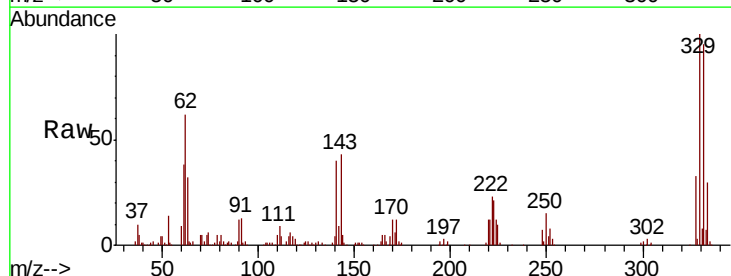
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 106.967 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG037525.D
Acq: 25 Oct 2018 00:02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	78.4	117.6
141	40.2	32.2	48.2

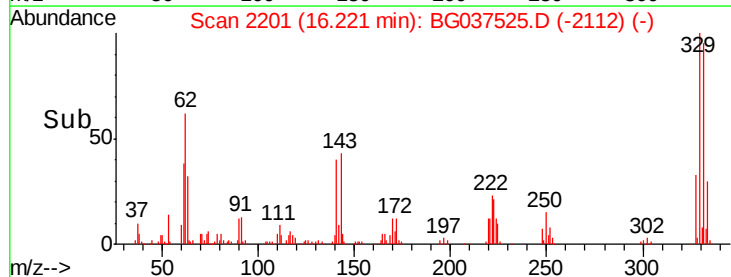
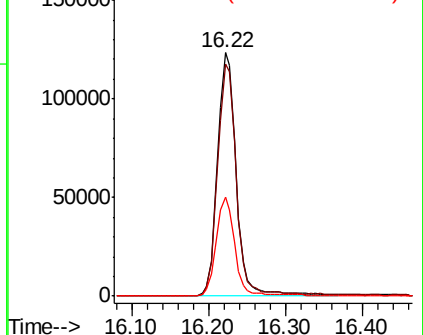


Abundance

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

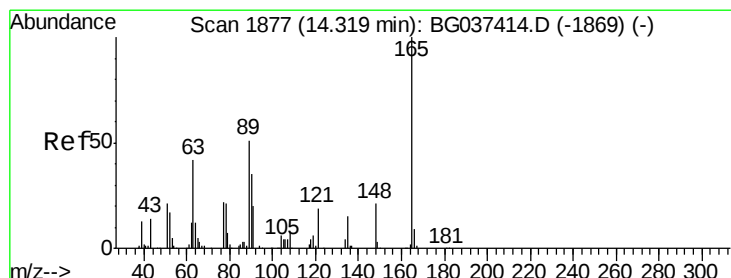
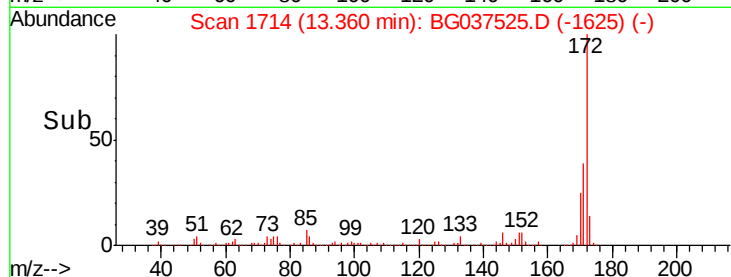
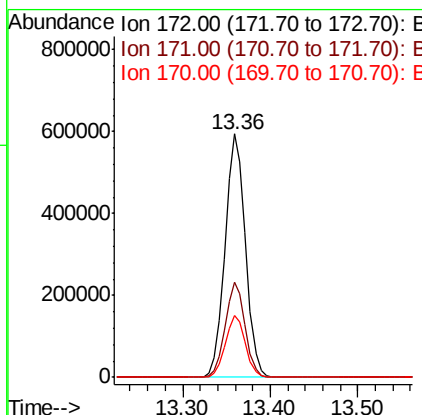
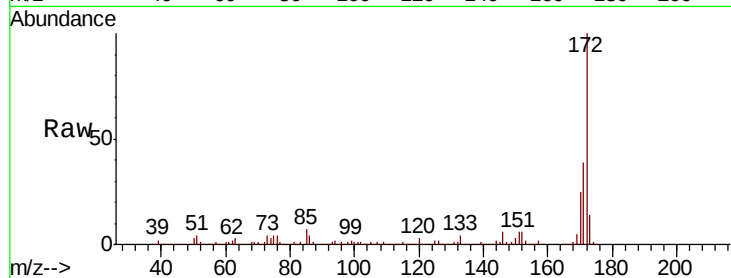




#45
 2-Fluorobiphenyl
 Concen: 80.358 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037525.D
 Acq: 25 Oct 2018 00:02

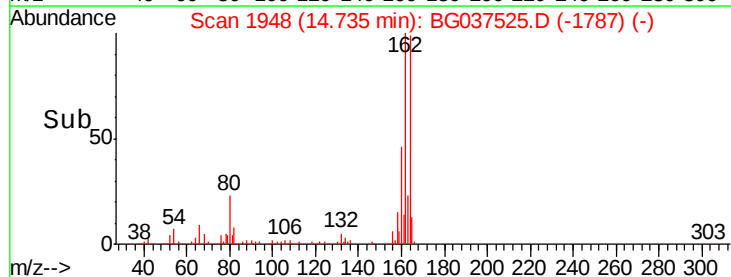
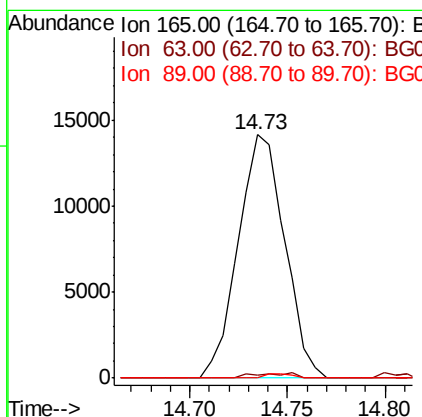
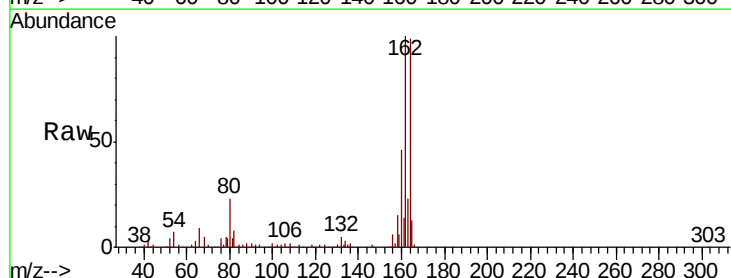
Instrument :
 BNA_G
 ClientSampleId :

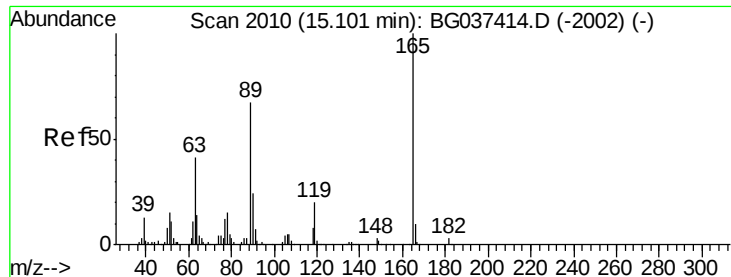
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.3	31.0	46.4
170	25.2	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.618 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. 0.42 min
 Lab File: BG037525.D
 Acq: 25 Oct 2018 00:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	43.4	65.2#
89	0.0	45.8	68.6#

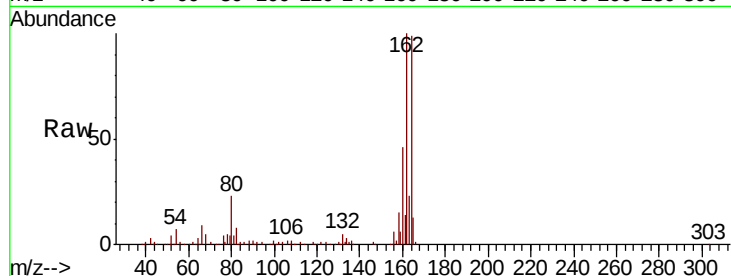




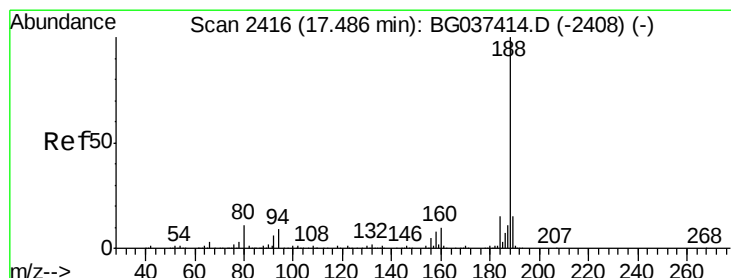
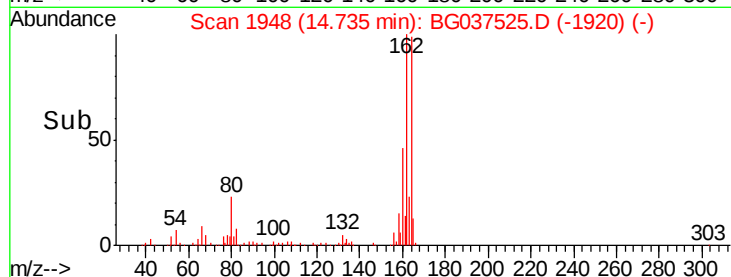
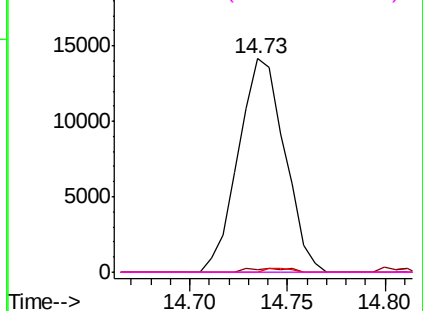
#57
 2,4-Dinitrotoluene
 Concen: 5.804 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037525.D
 Acq: 25 Oct 2018 00:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 23269
 Ion Ratio Lower Upper
 165 100
 63 1.2 33.4 50.0#
 89 0.0 57.2 85.8#
 182 0.0 2.6 4.0#

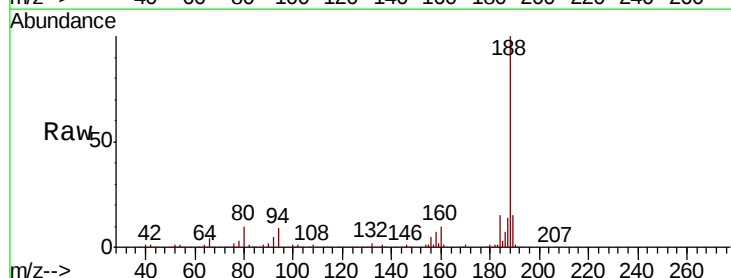


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

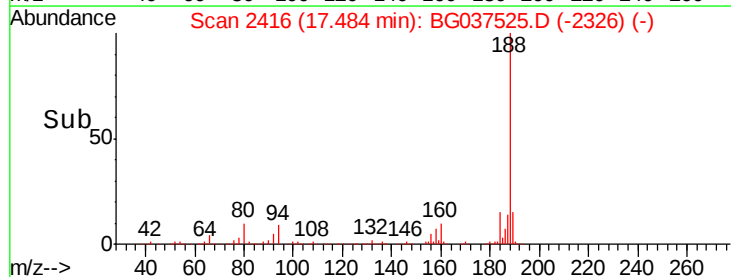
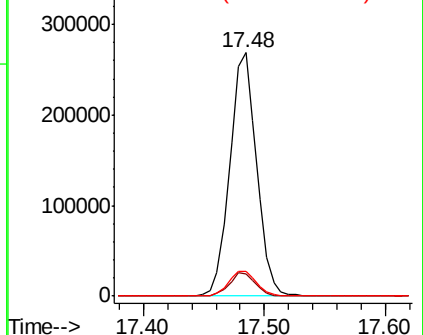


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037525.D
 Acq: 25 Oct 2018 00:02

Tgt Ion:188 Resp: 415329
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.2 10.8
 80 10.0 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: 8.721 ng

RT: 16.23 min Scan# 2202

Delta R.T. 0.37 min

Lab File: BG037525.D

Acq: 25 Oct 2018 00:02

Instrument :

BNA_G

ClientSampleId :

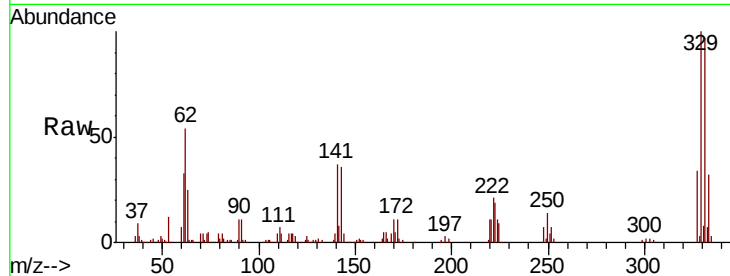
Tot Ion:198 Resp: 566

Ion Ratio Lower Upper

198 100

51 25.6 22.7 62.7

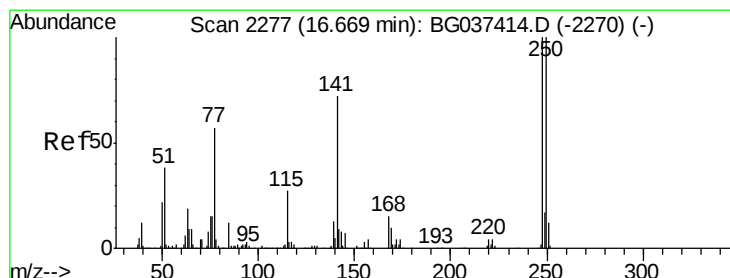
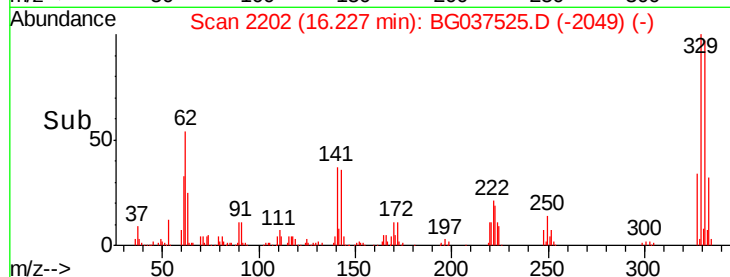
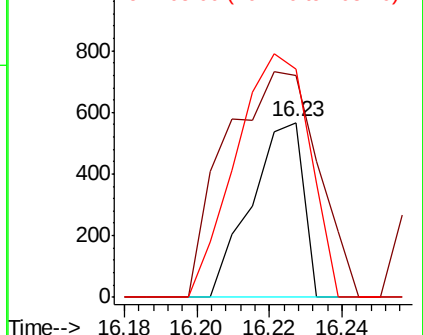
105 26.3 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG037525.D (-2049) (-)

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 3.392 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.45 min

Lab File: BG037525.D

Acq: 25 Oct 2018 00:02

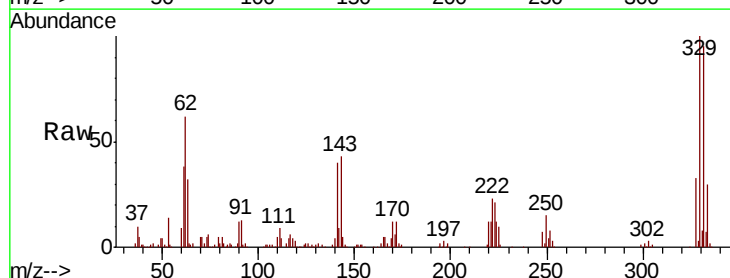
Tgt Ion:248 Resp: 15469

Ion Ratio Lower Upper

248 100

250 199.4 77.0 115.6#

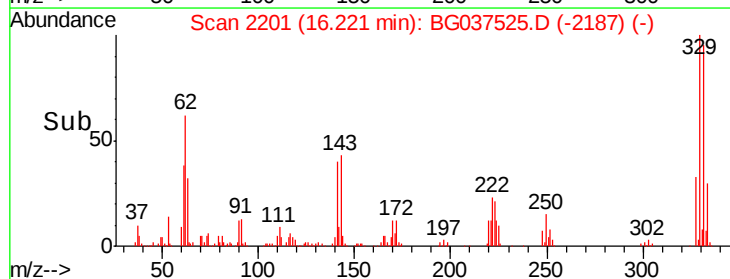
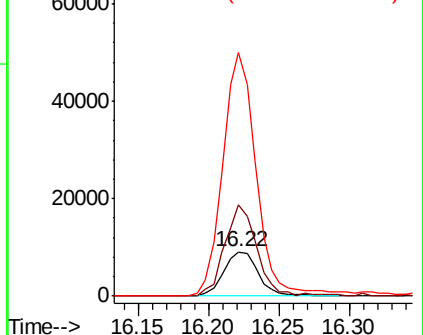
141 416.0 55.5 83.3#

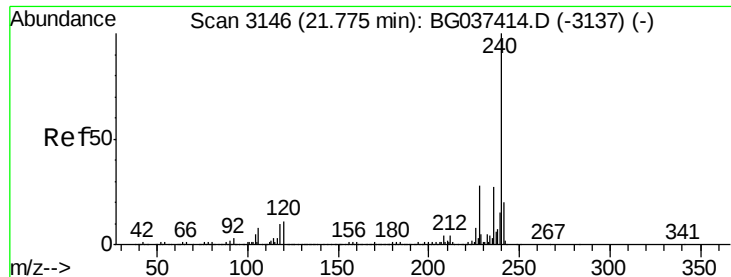


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

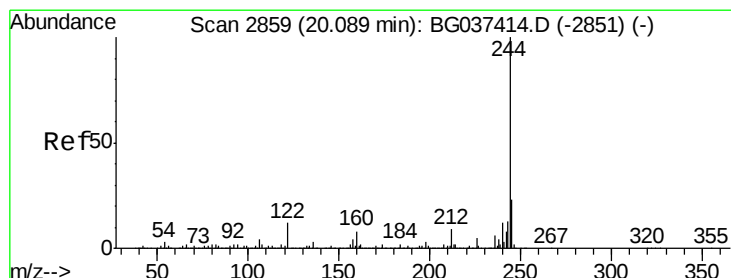
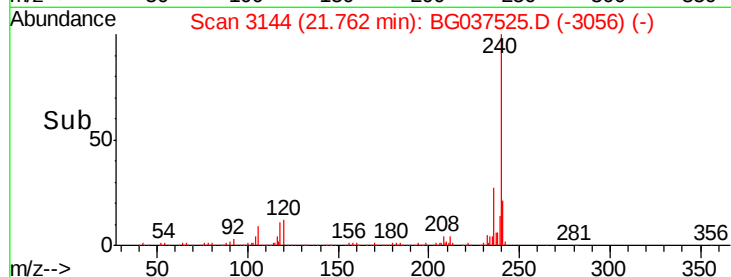
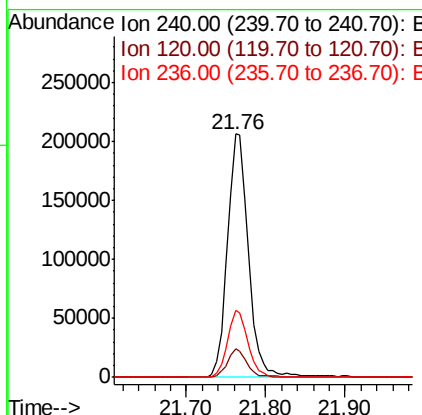
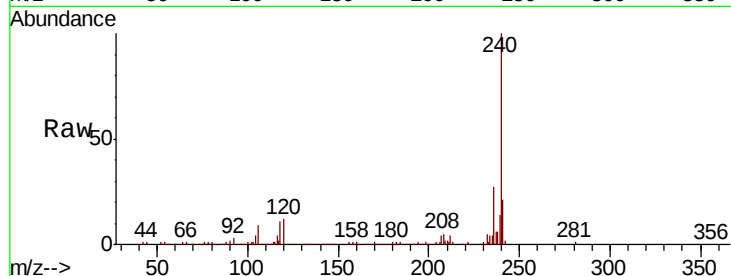




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037525.D
Acq: 25 Oct 2018 00:02

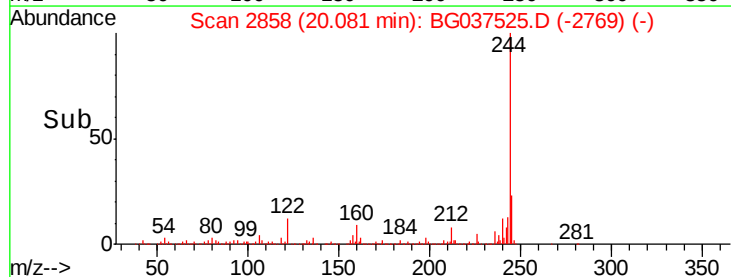
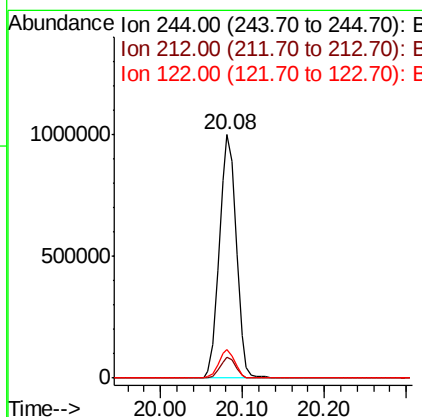
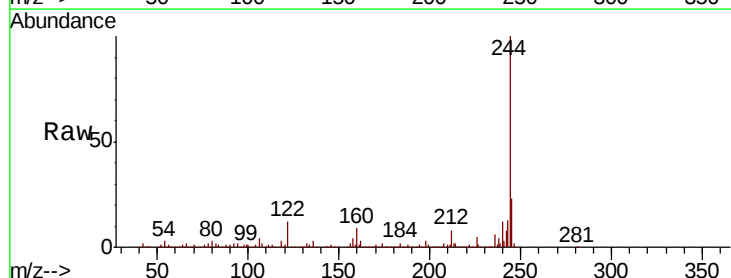
Instrument :
BNA_G
ClientSampled :

Tot Ion:240 Resp: 379190
Ion Ratio Lower Upper
240 100
120 11.5 8.1 12.1
236 27.3 21.4 32.0



#79
Terphenyl-d14
Concen: 81.682 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037525.D
Acq: 25 Oct 2018 00:02

Tgt Ion:244 Resp: 1449518
Ion Ratio Lower Upper
244 100
212 8.4 6.5 9.7
122 11.9 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037525.D
Acq: 25 Oct 2018 00:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.3	18.2	27.4
265	21.0	17.9	26.9

