

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
 Data File : BG037560.D
 Acq On : 26 Oct 2018 00:51
 Operator : JU/SJ
 Sample : PB114176BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114176BL

Quant Time: Oct 26 08:07:57 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	47175	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	212455	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	149245	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	370267	20.00	ng	0.00
76) Chrysene-d12	21.76	240	346281	20.00	ng	-0.01
87) Perylene-d12	25.09	264	325694	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	310217	109.94	ng	0.00
7) Phenol-d6	7.24	99	446364	104.61	ng	0.00
23) Nitrobenzene-d5	9.28	82	255546	67.38	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	168410	103.46	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	660532	66.74	ng	0.00
79) Terphenyl-d14	20.08	244	1089148	67.21	ng	0.00

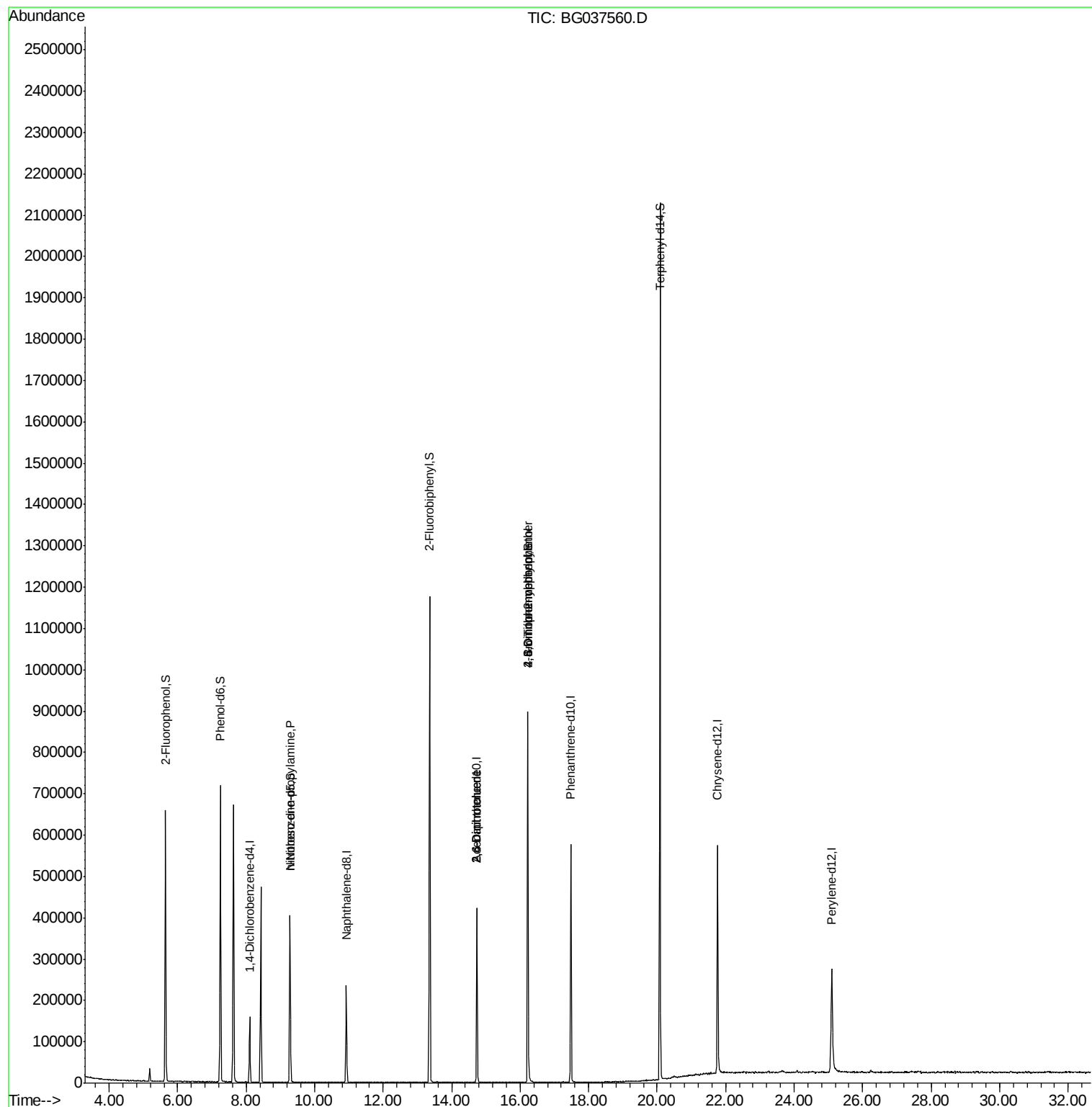
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.28	70	30961	10.538	ng	# 77
51) 2,6-Dinitrotoluene	14.74	165	18373	7.193	ng	# 26
57) 2,4-Dinitrotoluene	14.74	165	18373	5.480	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.23	198	318	8.642	ng	# 72
67) 4-Bromophenyl-phenylether	16.22	248	12502	3.075	ng	# 1

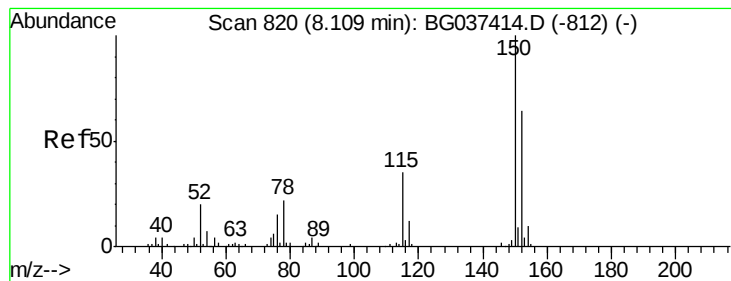
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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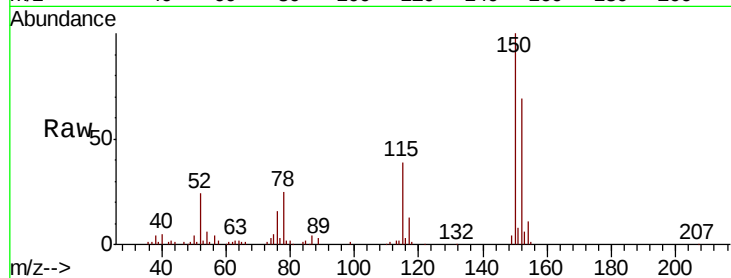


#1

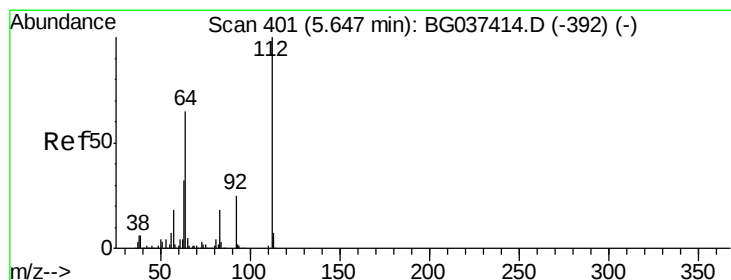
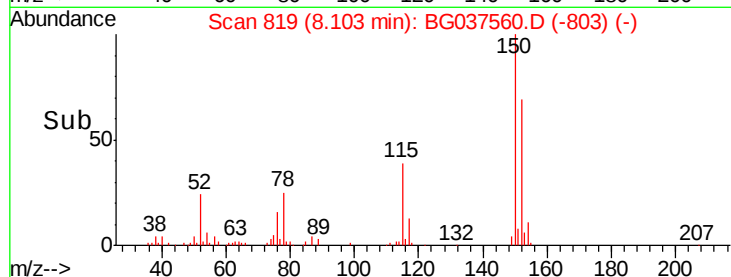
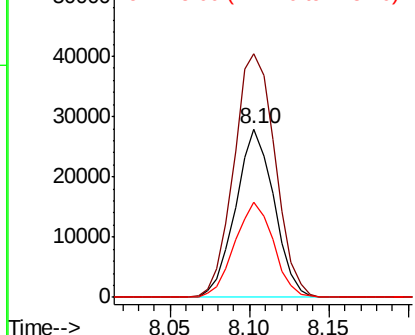
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037560.D
Acq: 26 Oct 2018 00:51

Instrument :
BNA_G
ClientSampleId :
PB114176BL

Tot Ion:152 Resp: 47175
Ion Ratio Lower Upper
152 100
150 144.7 126.0 189.0
115 56.4 45.5 68.3



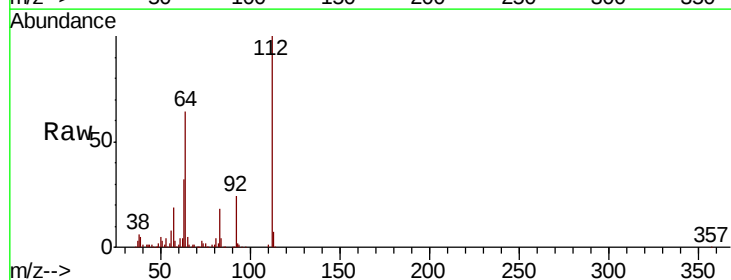
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



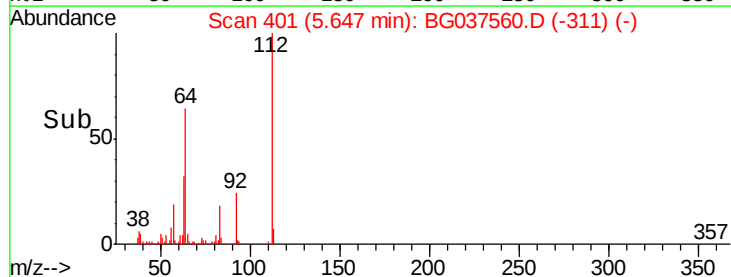
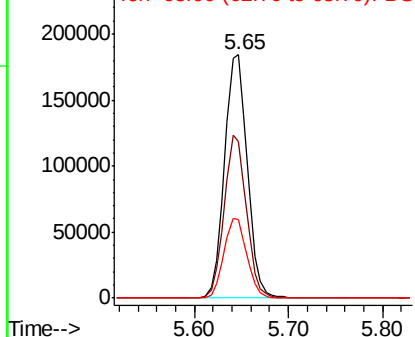
#5

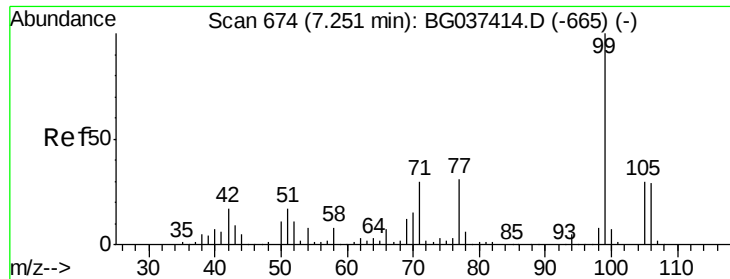
2-Fluorophenol
Concen: 109.939 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037560.D
Acq: 26 Oct 2018 00:51

Tgt Ion:112 Resp: 310217
Ion Ratio Lower Upper
112 100
64 64.3 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): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 104.613 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037560.D

Acq: 26 Oct 2018 00:51

Instrument :

BNA_G

ClientSampleId :

PB114176BL

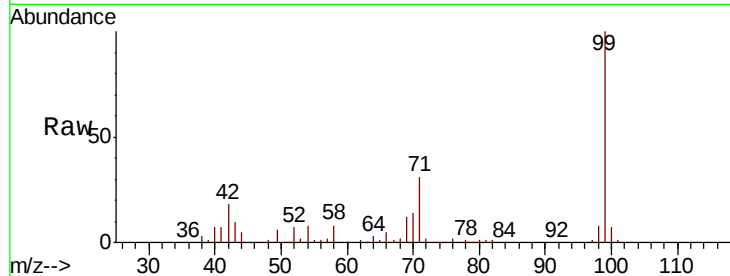
Tot Ion: 99 Resp: 446364

Ion Ratio Lower Upper

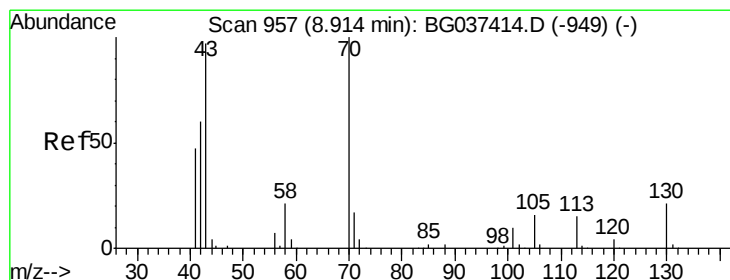
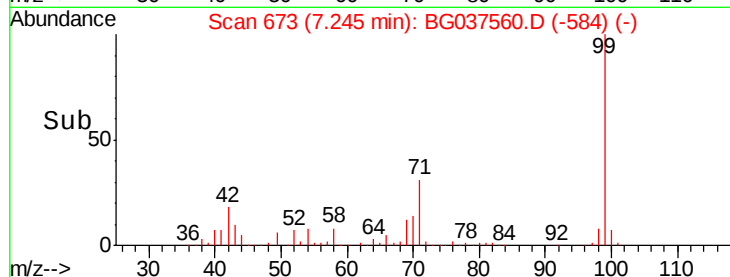
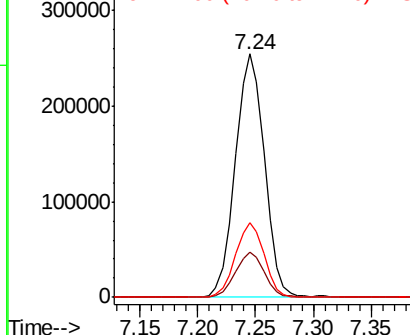
99 100

42 18.4 15.0 22.4

71 30.6 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: 10.538 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037560.D

Acq: 26 Oct 2018 00:51

Tgt Ion: 70 Resp: 30961

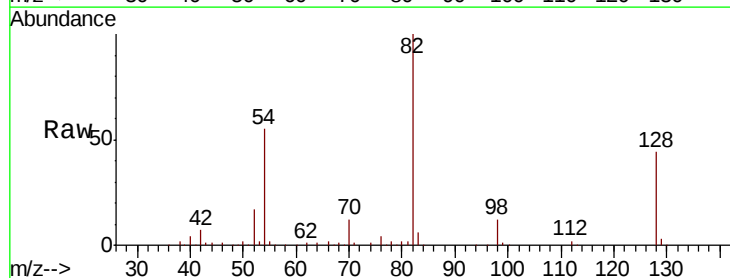
Ion Ratio Lower Upper

70 100

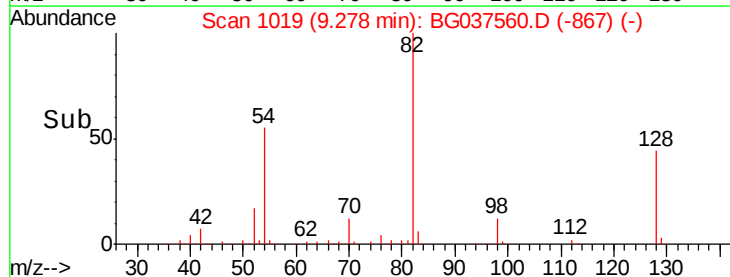
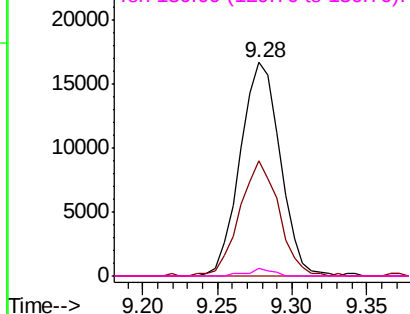
42 54.0 53.9 80.9

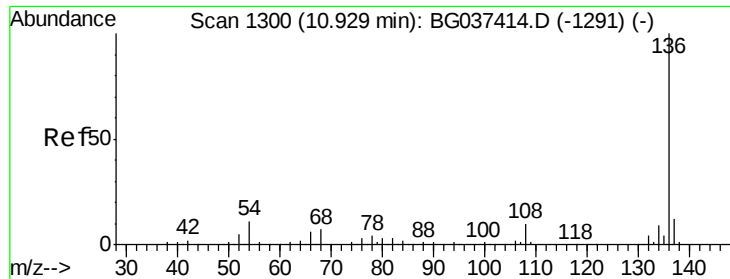
101 0.0 8.2 12.2#

130 3.9 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

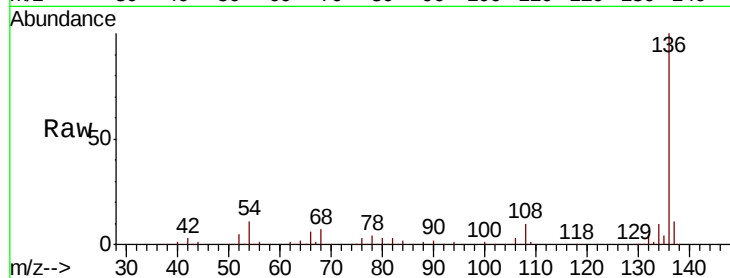




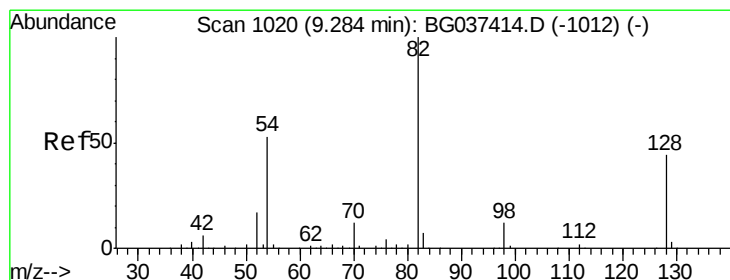
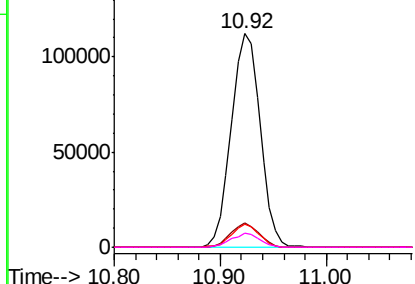
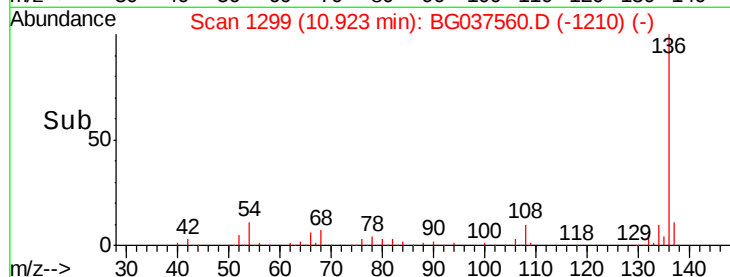
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037560.D
Acq: 26 Oct 2018 00:51

Instrument :
BNA_G
ClientSampleId :
PB114176BL

Tot Ion:136 Resp: 212455
Ion Ratio Lower Upper
136 100
137 11.1 9.6 14.4
54 10.6 7.9 11.9
68 6.9 4.8 7.2

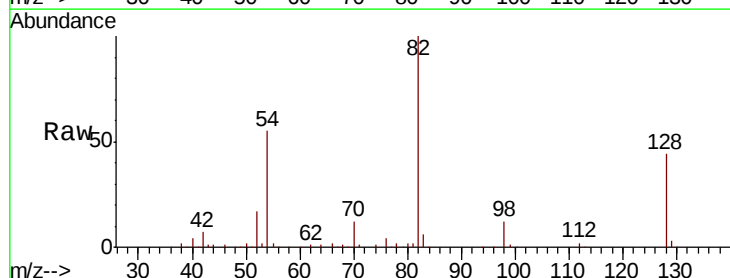


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

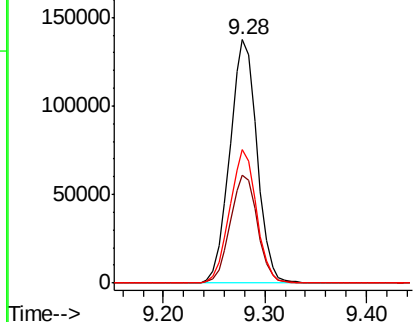
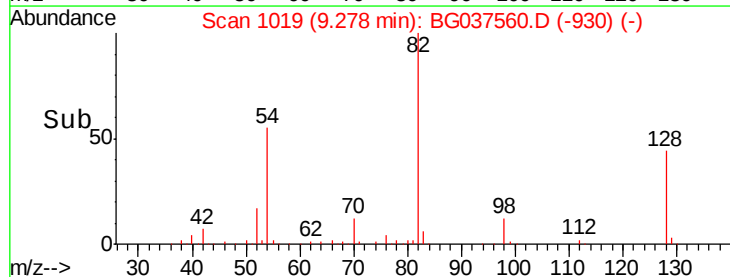


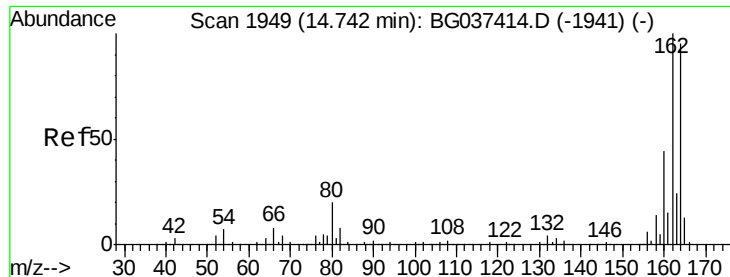
#23
Nitrobenzene-d5
Concen: 67.381 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037560.D
Acq: 26 Oct 2018 00:51

Tgt Ion: 82 Resp: 255546
Ion Ratio Lower Upper
82 100
128 44.3 34.6 51.8
54 55.0 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: 14.74 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037560.D

Acq: 26 Oct 2018 00:51

Instrument :

BNA_G

ClientSampleId :

PB114176BL

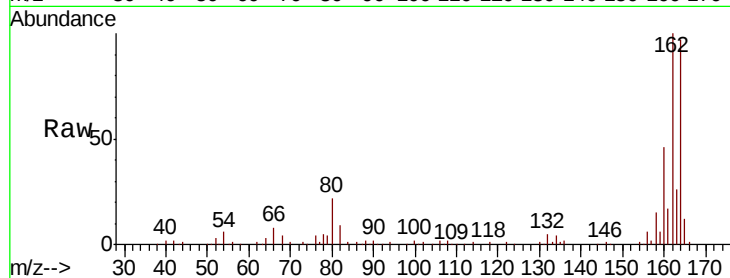
Tot Ion:164 Resp: 149245

Ion Ratio Lower Upper

164 100

162 103.6 81.3 121.9

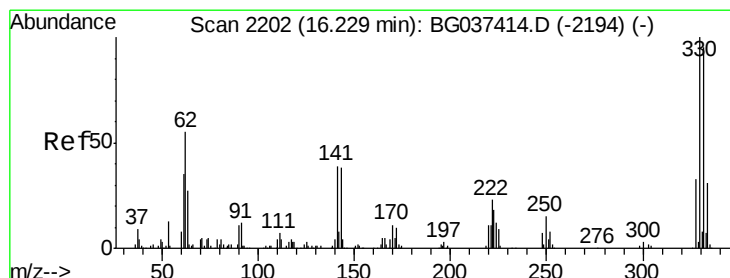
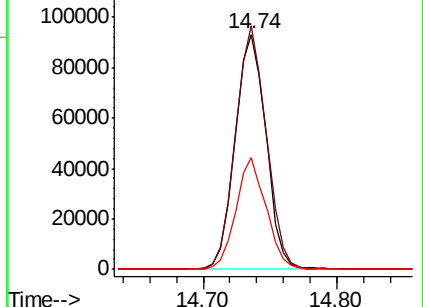
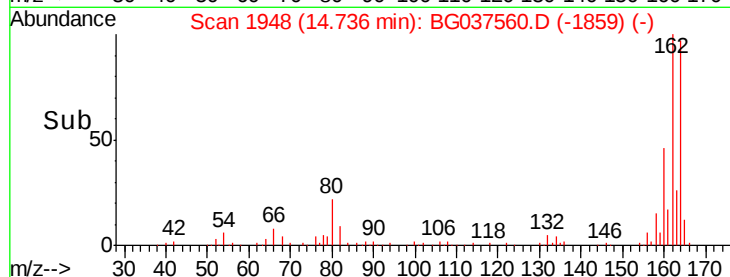
160 47.5 36.3 54.5



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: 103.459 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037560.D

Acq: 26 Oct 2018 00:51

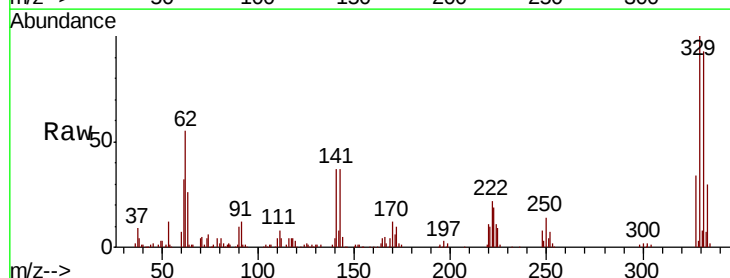
Tgt Ion:330 Resp: 168410

Ion Ratio Lower Upper

330 100

332 94.0 78.4 117.6

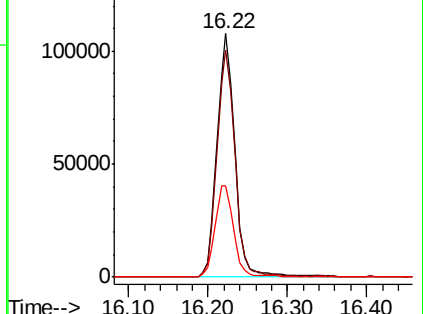
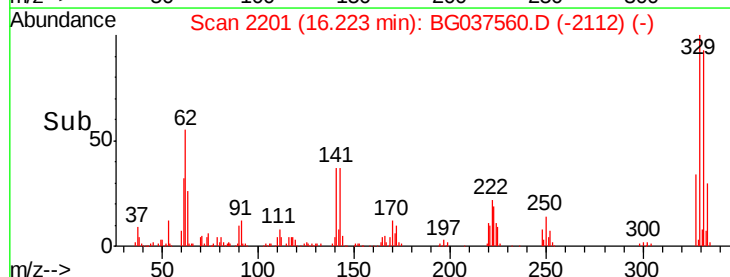
141 39.2 32.2 48.2

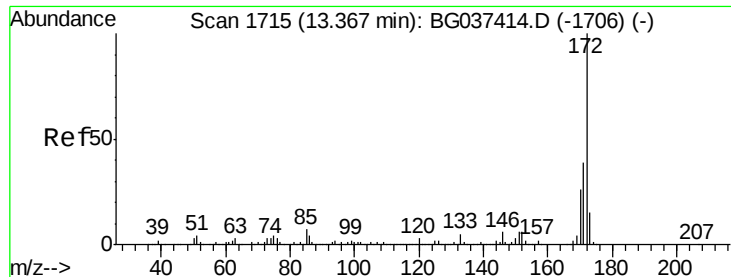


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

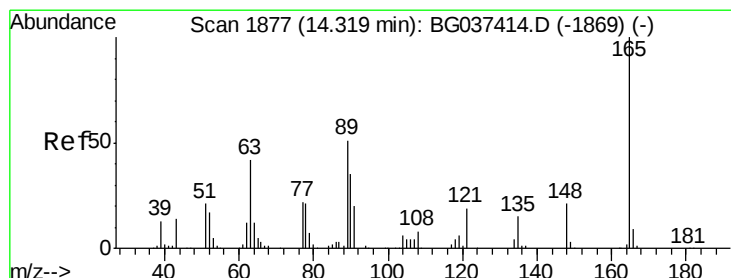
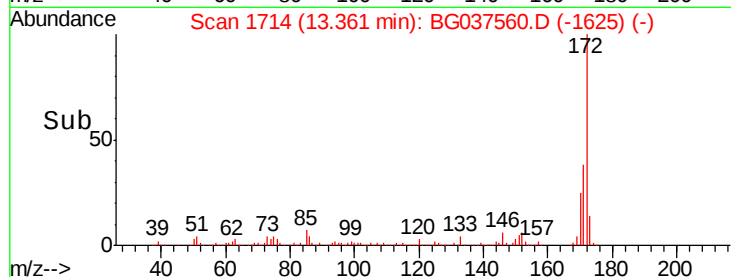
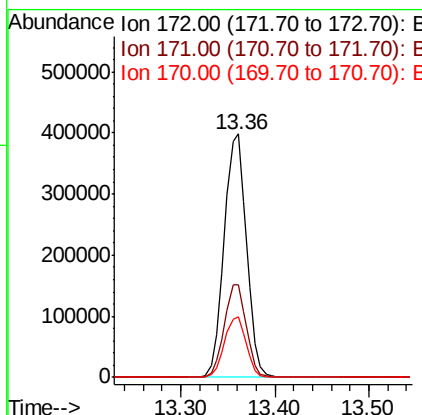
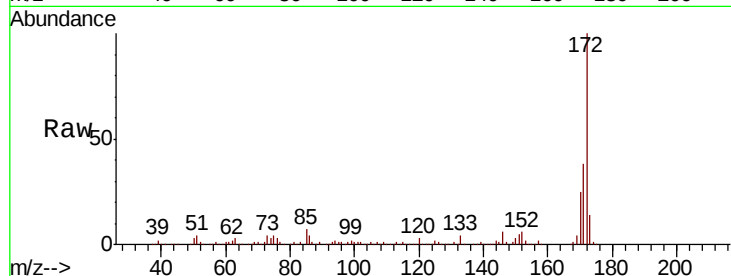




#45
 2-Fluorobiphenyl
 Concen: 66.739 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037560.D
 Acq: 26 Oct 2018 00:51

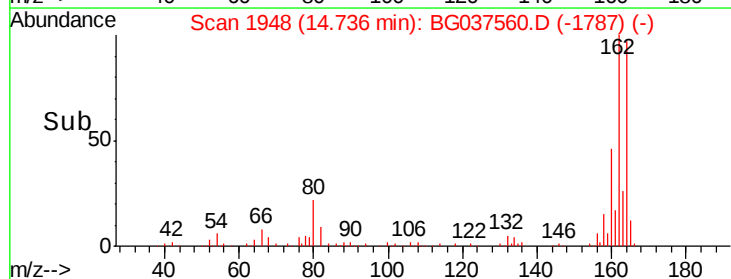
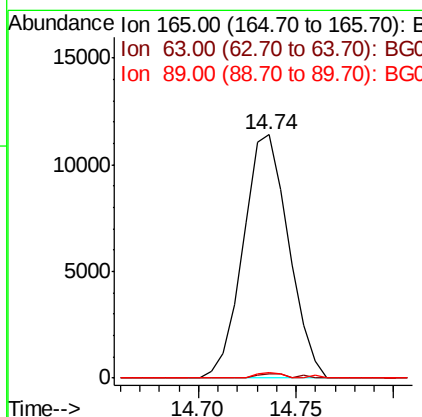
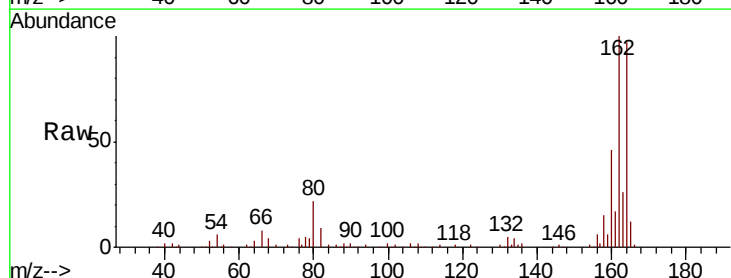
Instrument :
 BNA_G
 ClientSampled :
 PB114176BL

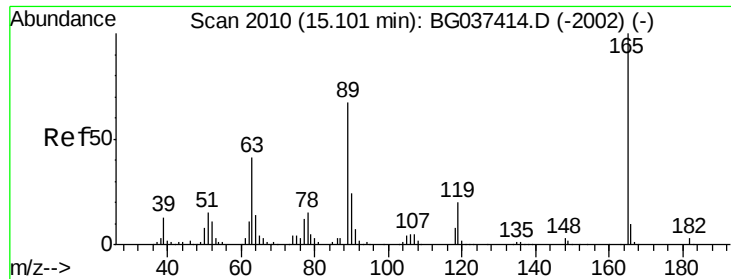
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.0	46.4
170	25.0	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.193 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. 0.42 min
 Lab File: BG037560.D
 Acq: 26 Oct 2018 00:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	43.4	65.2#
89	2.3	45.8	68.6#

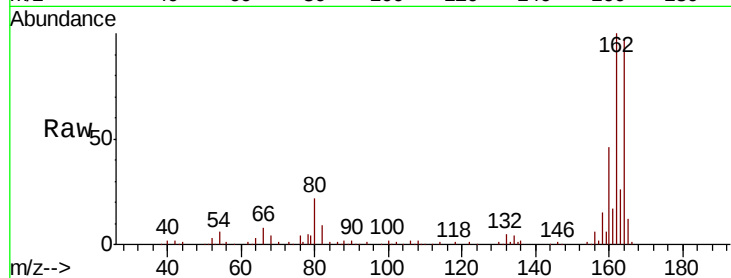




#57
 2,4-Dinitrotoluene
 Concen: 5.480 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. -0.36 min
 Lab File: BG037560.D
 Acq: 26 Oct 2018 00:51

Instrument :
 BNA_G
 ClientSampleId :
 PB114176BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	33.4	50.0#
89	2.3	57.2	85.8#
182	0.0	2.6	4.0#

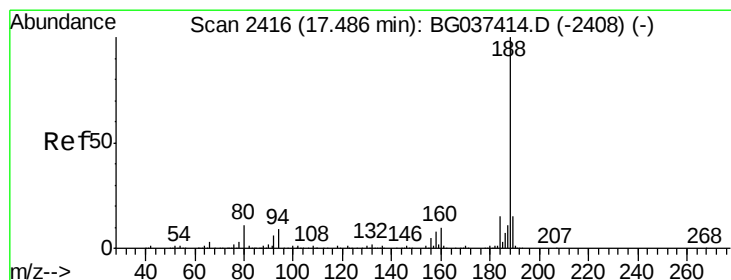
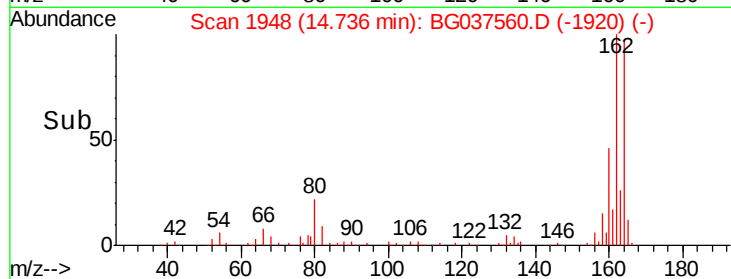
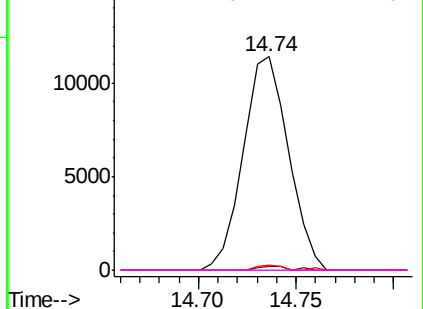


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

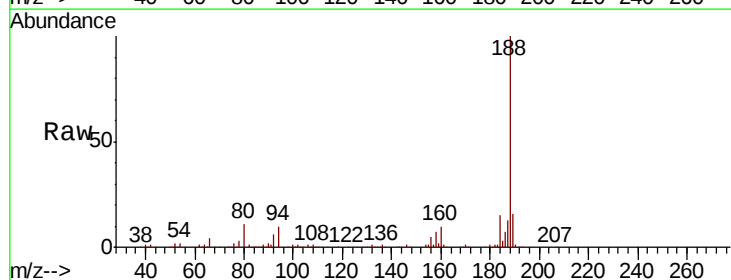
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037560.D
 Acq: 26 Oct 2018 00:51

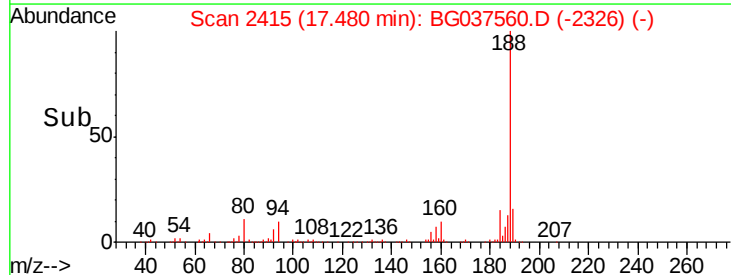
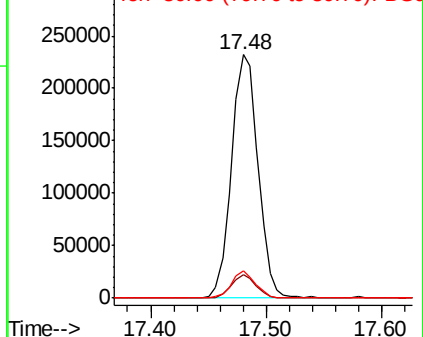
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	11.1	7.7	11.5

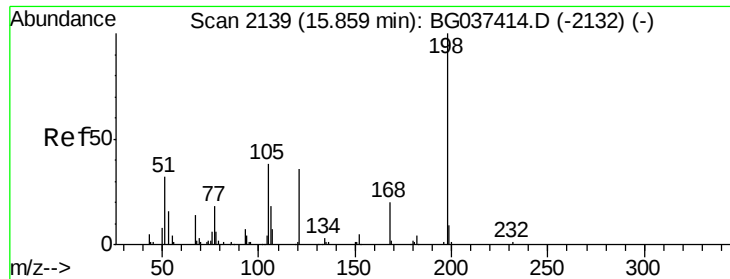


Abundance Ion 188.00 (187.70 to 188.70): E

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: 8.642 ng

RT: 16.23 min Scan# 2202

Delta R.T. 0.37 min

Lab File: BG037560.D

Acq: 26 Oct 2018 00:51

Instrument :

BNA_G

ClientSampleId :

PB114176BL

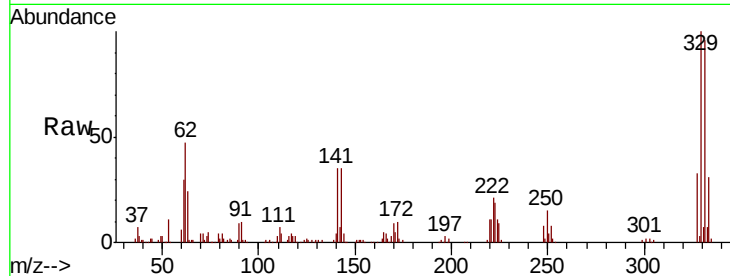
Tot Ion:198 Resp: 318

Ion Ratio Lower Upper

198 100

51 21.8 22.7 62.7#

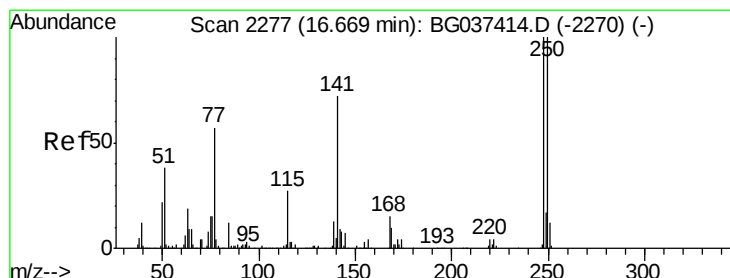
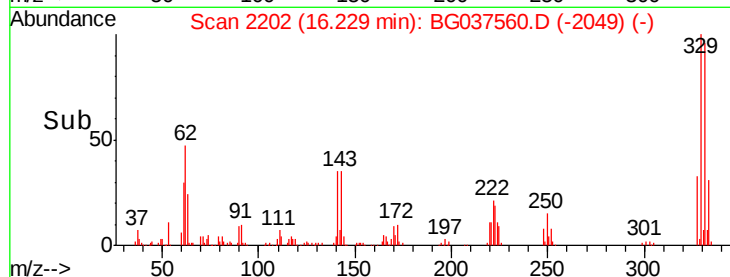
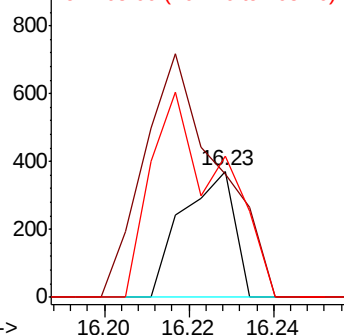
105 25.2 19.7 59.7



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: 3.075 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.45 min

Lab File: BG037560.D

Acq: 26 Oct 2018 00:51

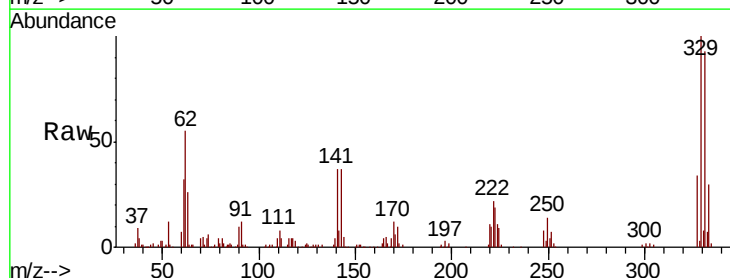
Tgt Ion:248 Resp: 12502

Ion Ratio Lower Upper

248 100

250 178.8 77.0 115.6#

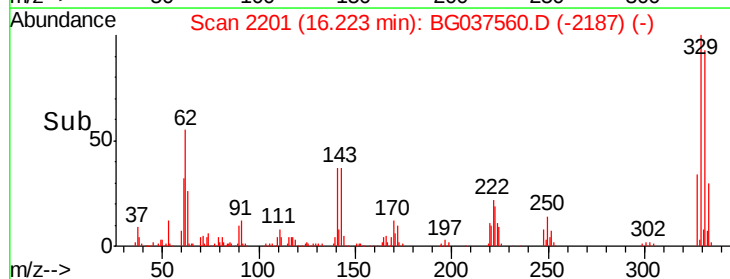
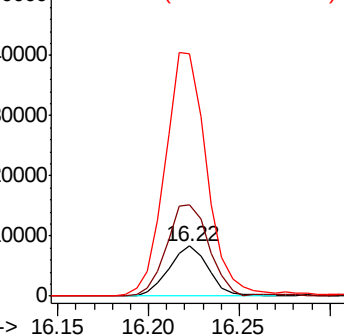
141 361.6 55.5 83.3#

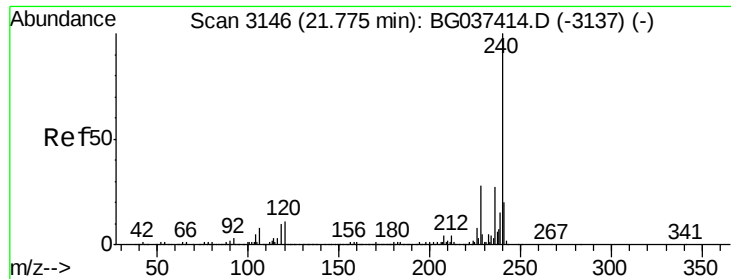


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

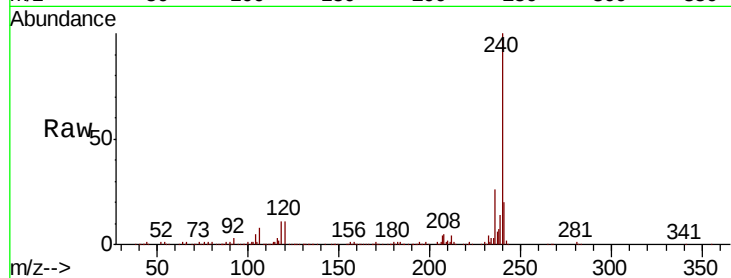




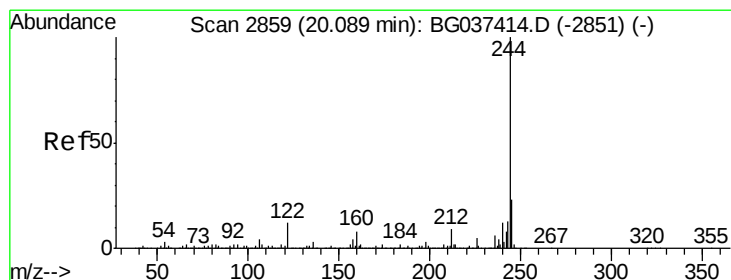
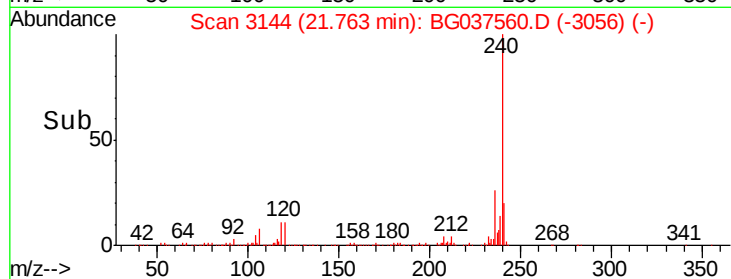
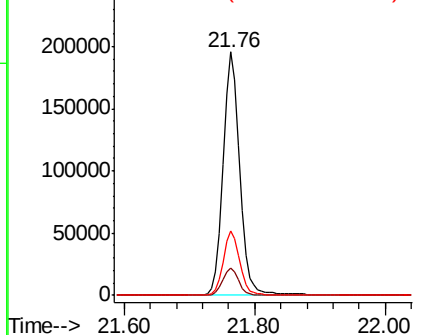
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG037560.D
 Acq: 26 Oct 2018 00:51

Instrument :
 BNA_G
 ClientSampleId :
 PB114176BL

Tot Ion:240 Resp: 346281
 Ion Ratio Lower Upper
 240 100
 120 11.2 8.1 12.1
 236 26.5 21.4 32.0

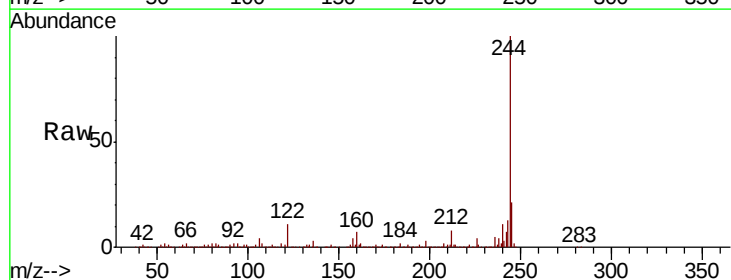


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

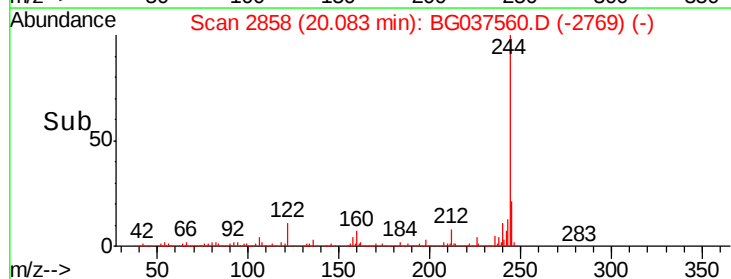
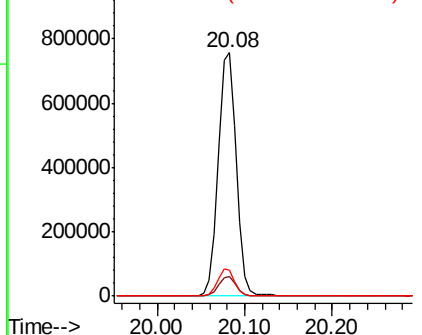


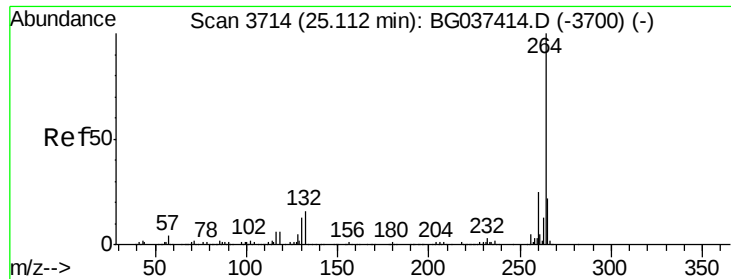
#79
 Terphenyl-d14
 Concen: 67.207 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037560.D
 Acq: 26 Oct 2018 00:51

Tgt Ion:244 Resp: 1089148
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 10.5 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
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG037560.D
Acq: 26 Oct 2018 00:51

Instrument :
BNA_G
ClientSampleId :
PB114176BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	21.9	17.9	26.9

