

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
 Data File : BG037742.D
 Acq On : 2 Nov 2018 6:16
 Operator : JU/SJ
 Sample : J5200-18
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 02 07:16:56 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	8.10	152	60467	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	274268	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	182535	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	404486	20.00	ng	0.00
76) Chrysene-d12	21.77	240	357781	20.00	ng	0.00
87) Perylene-d12	25.10	264	295799	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	387773	107.22	ng	0.00
7) Phenol-d6	7.24	99	504273	92.21	ng	0.00
23) Nitrobenzene-d5	9.28	82	401001	81.90	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	224328	112.68	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	956928	79.05	ng	-0.01
79) Terphenyl-d14	20.08	244	1428581	85.32	ng	0.00

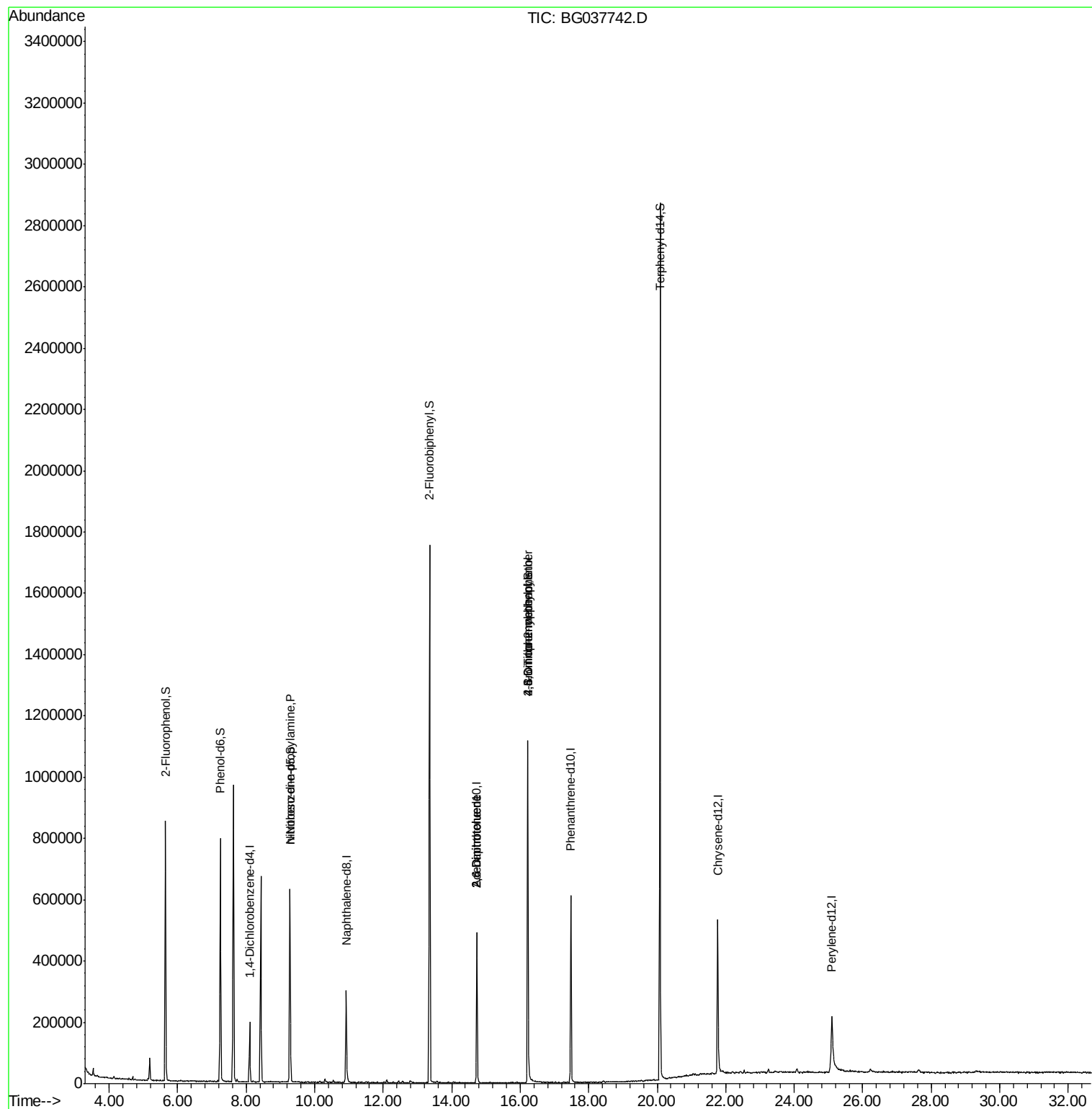
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.28	70	50688	13.459	ng	# 72
51) 2,6-Dinitrotoluene	14.73	165	23147	7.410	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	23147	5.645	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	717	8.785	ng	73
67) 4-Bromophenyl-phenylether	16.22	248	16049	3.613	ng	# 1

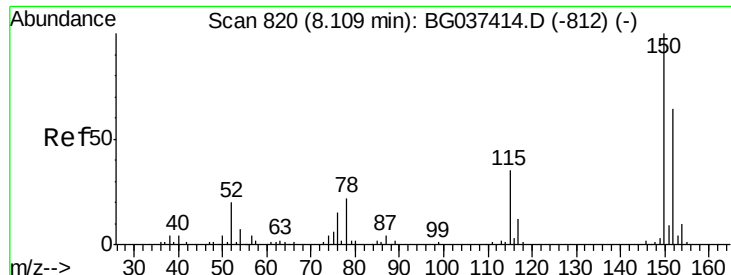
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG037742.D

Acq: 2 Nov 2018 6:16

Instrument :

BNA_G

ClientSampleId :

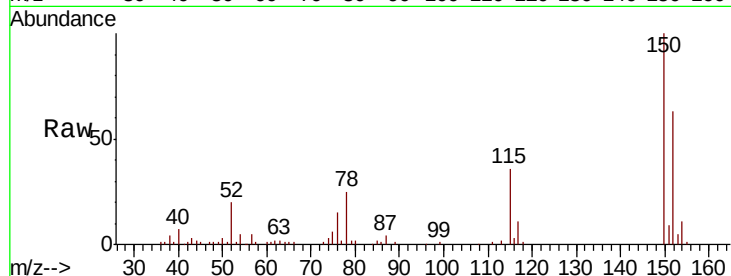
Tot Ion:152 Resp: 60467

Ion Ratio Lower Upper

152 100

150 158.9 126.0 189.0

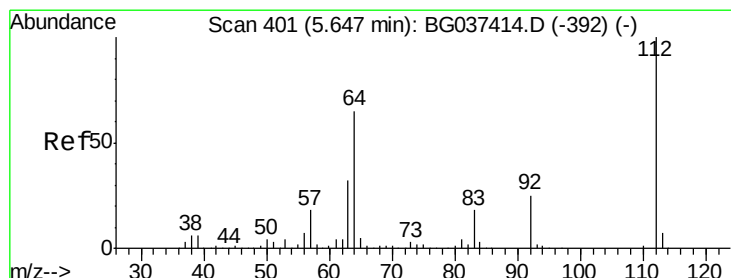
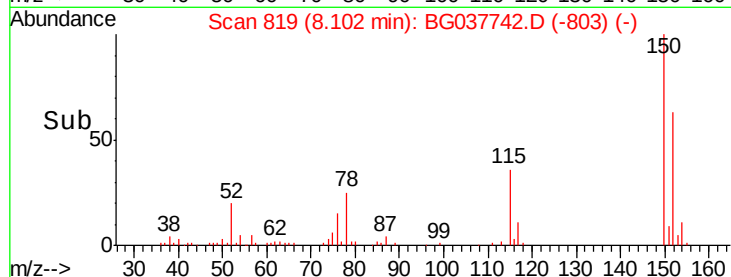
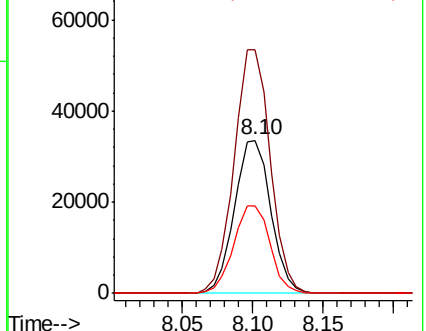
115 56.8 45.5 68.3



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: 107.215 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037742.D

Acq: 2 Nov 2018 6:16

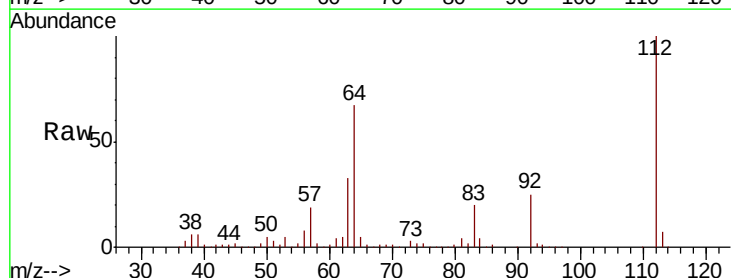
Tgt Ion:112 Resp: 387773

Ion Ratio Lower Upper

112 100

64 66.9 53.1 79.7

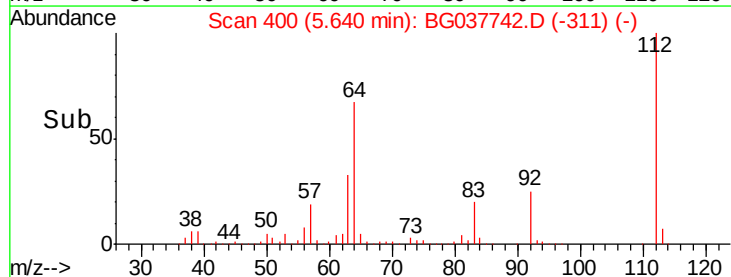
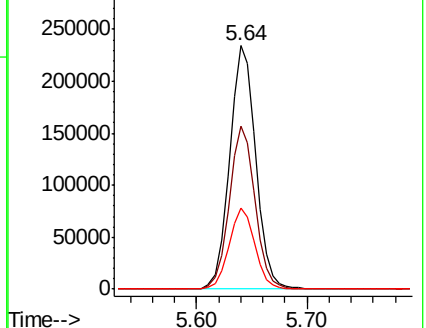
63 33.1 27.3 40.9

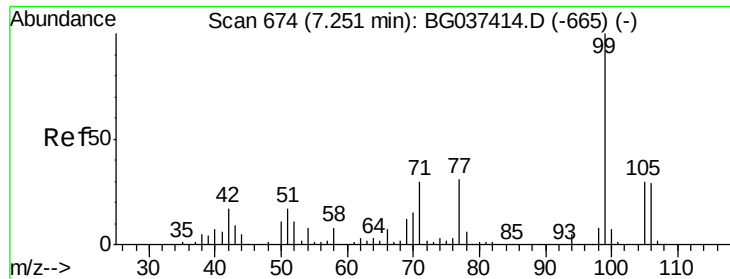


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 92.206 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037742.D

Acq: 2 Nov 2018 6:16

Instrument :

BNA_G

ClientSampleId :

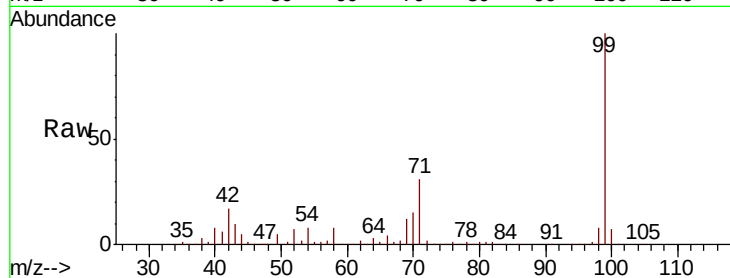
Tot Ion: 99 Resp: 504273

Ion Ratio Lower Upper

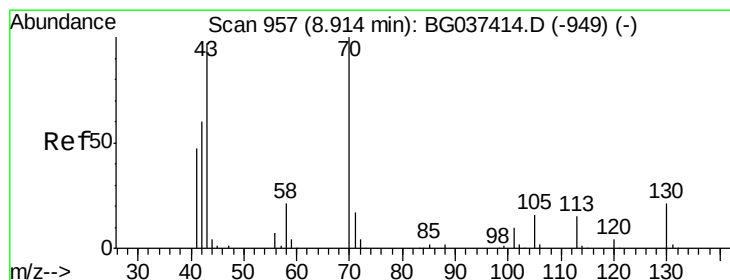
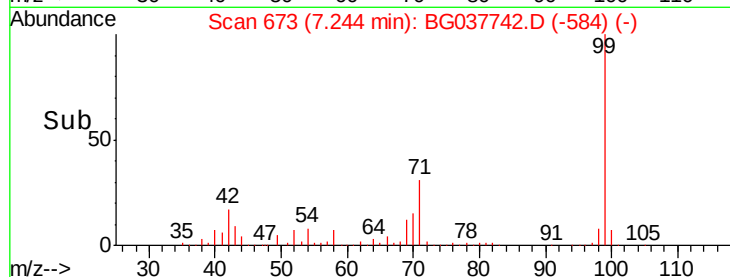
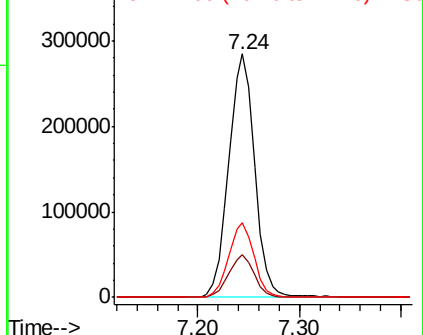
99 100

42 17.4 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: 13.459 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037742.D

Acq: 2 Nov 2018 6:16

Tgt Ion: 70 Resp: 50688

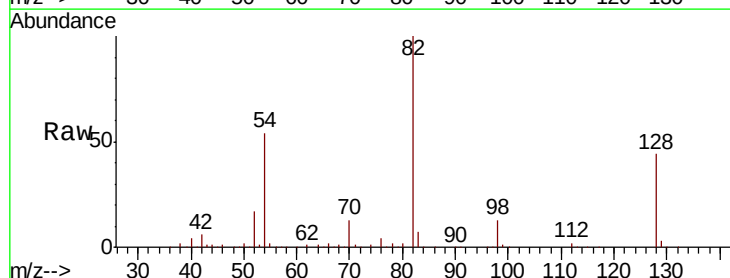
Ion Ratio Lower Upper

70 100

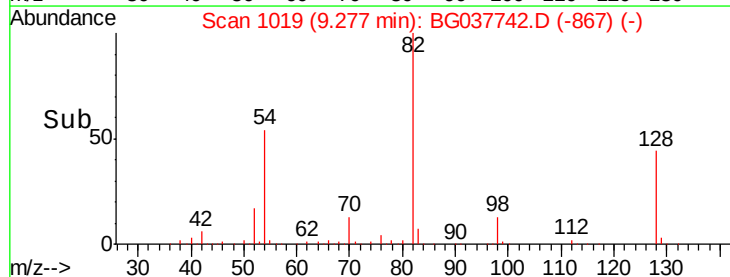
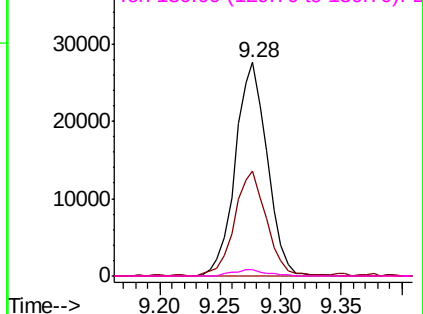
42 48.9 53.9 80.9#

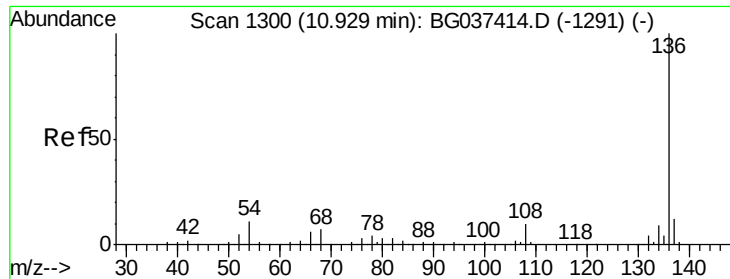
101 0.0 8.2 12.2#

130 2.7 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

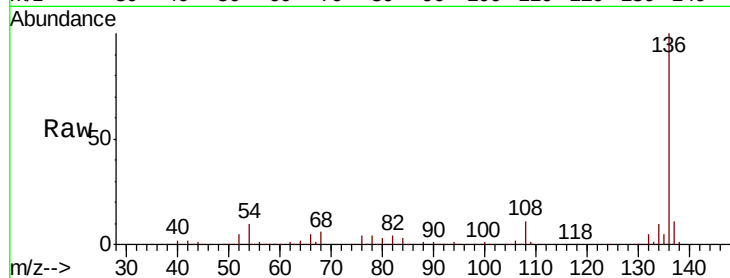




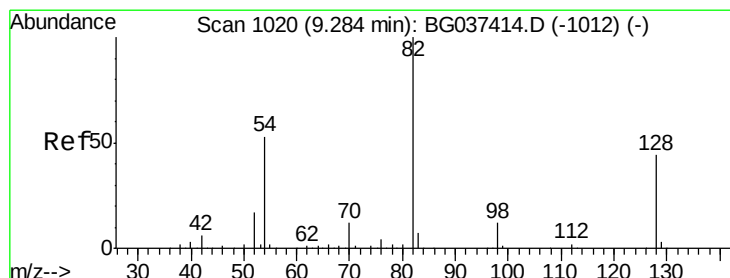
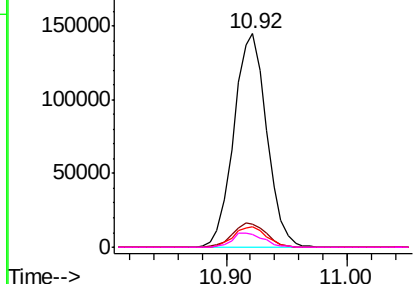
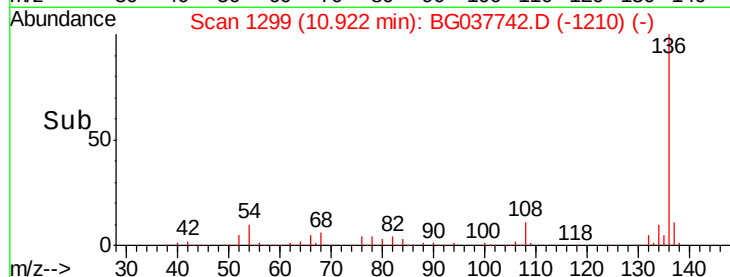
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037742.D
Acq: 2 Nov 2018 6:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	274268
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.6 14.4
54	9.6	7.9 11.9
68	6.1	4.8 7.2

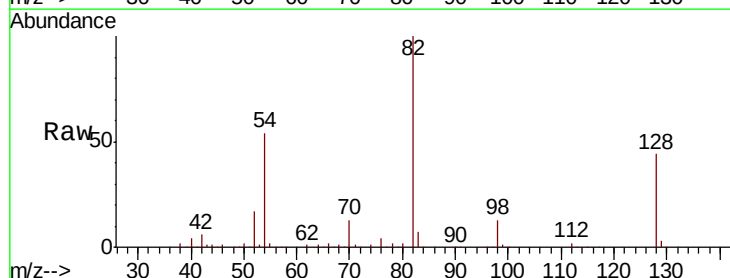


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

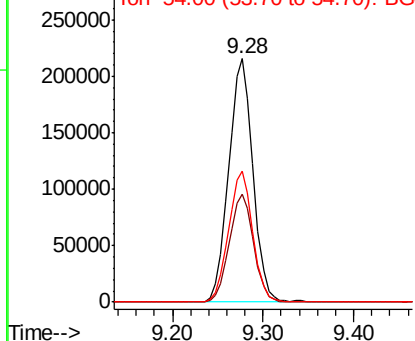
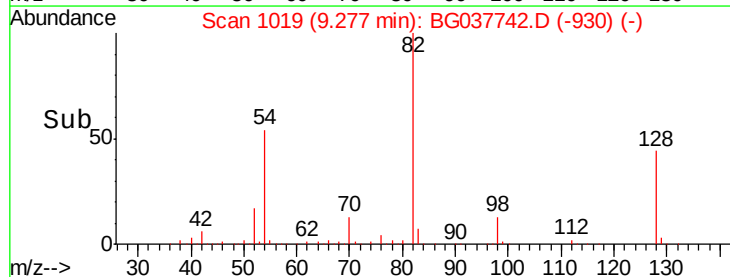


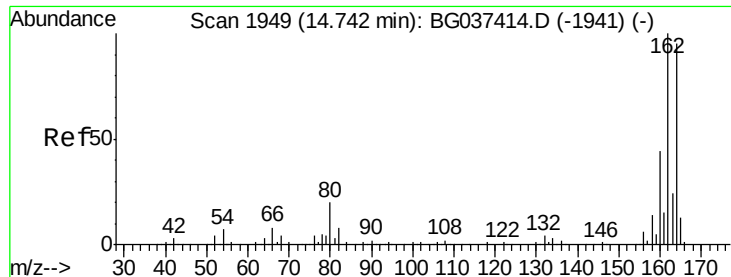
#23
Nitrobenzene-d5
Concen: 81.904 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037742.D
Acq: 2 Nov 2018 6:16

Tgt Ion: 82	Resp:	401001
Ion Ratio	Lower	Upper
82	100	
128	44.4	34.6 51.8
54	53.6	45.3 67.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037742.D

Acq: 2 Nov 2018 6:16

Instrument :

BNA_G

ClientSampleId :

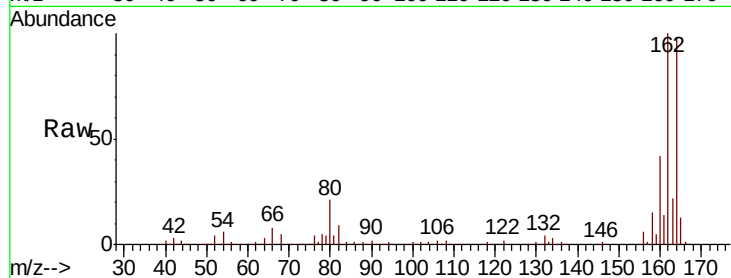
Tot Ion:164 Resp: 182535

Ion Ratio Lower Upper

164 100

162 102.3 81.3 121.9

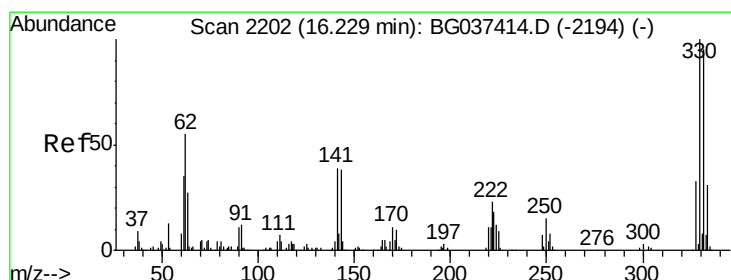
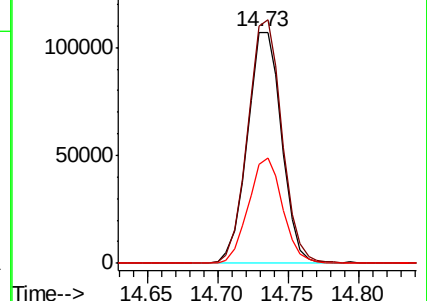
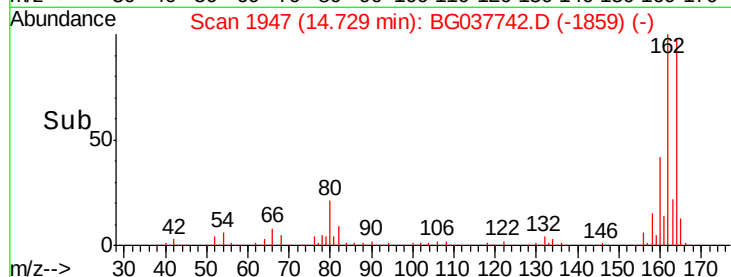
160 42.7 36.3 54.5



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: 112.677 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037742.D

Acq: 2 Nov 2018 6:16

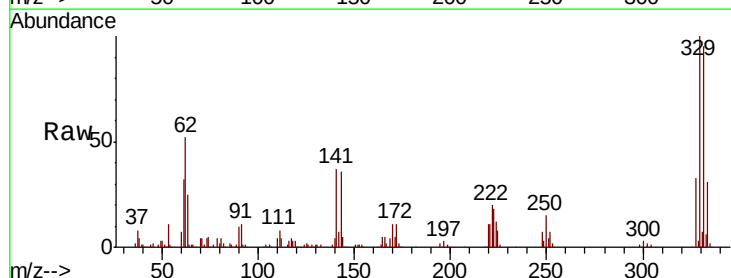
Tgt Ion:330 Resp: 224328

Ion Ratio Lower Upper

330 100

332 95.3 78.4 117.6

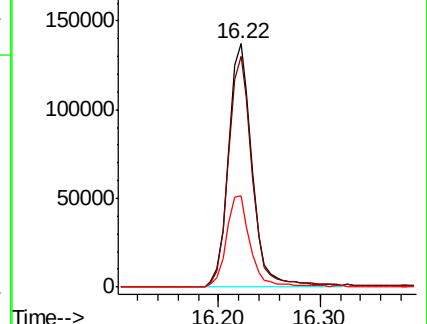
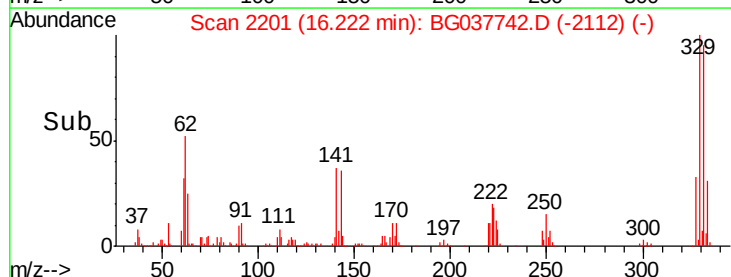
141 37.5 32.2 48.2

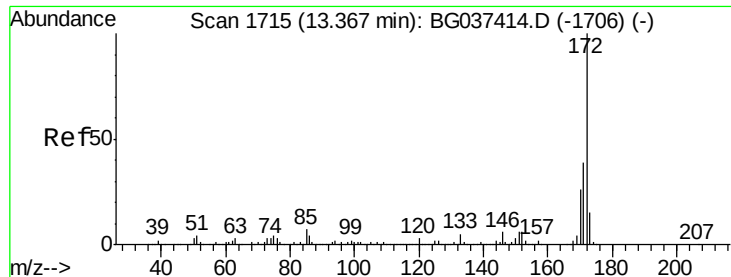


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

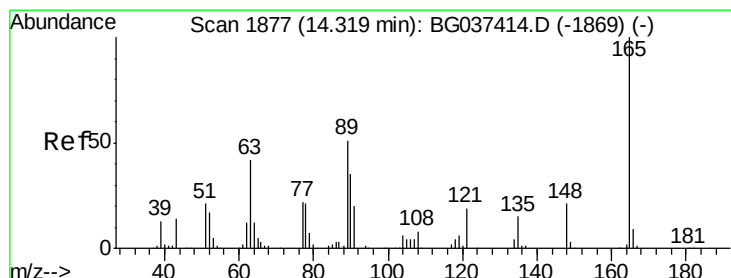
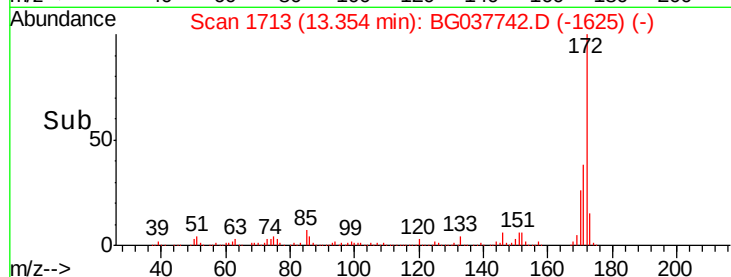
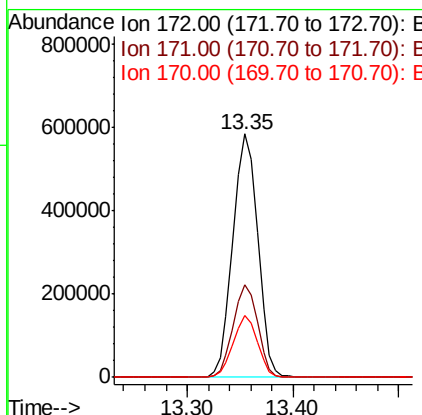
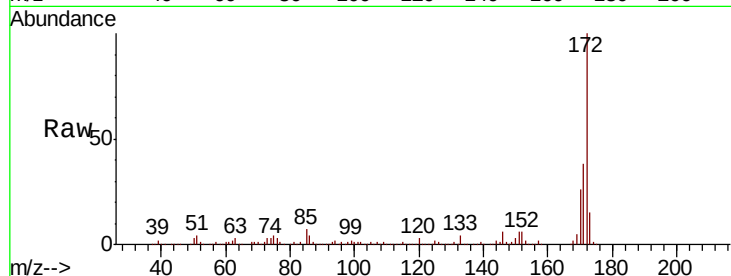




#45
2-Fluorobiphenyl
Concen: 79.053 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037742.D
Acq: 2 Nov 2018 6:16

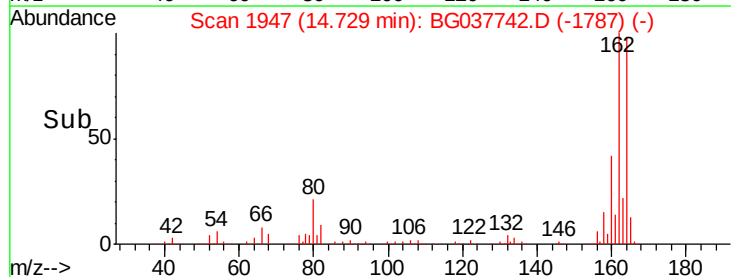
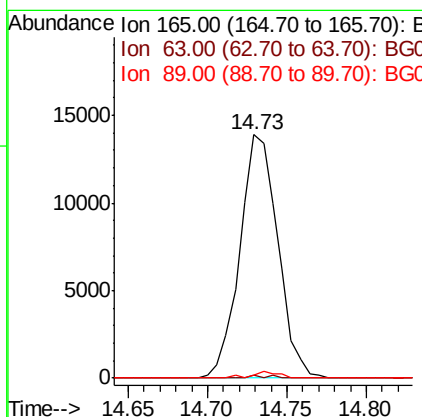
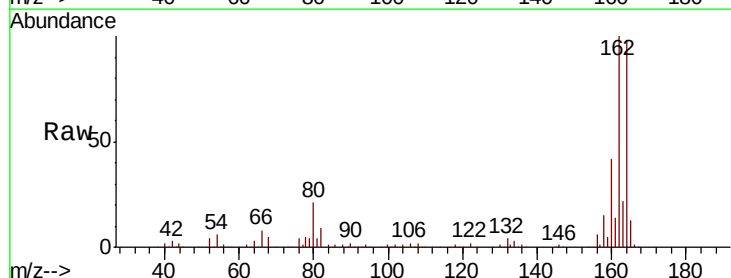
Instrument :
BNA_G
ClientSampleId :

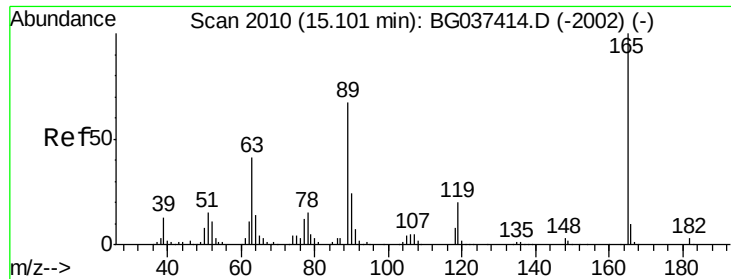
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.0	46.4
170	25.5	20.2	30.2



#51
2,6-Dinitrotoluene
Concen: 7.410 ng
RT: 14.73 min Scan# 1947
Delta R.T. 0.41 min
Lab File: BG037742.D
Acq: 2 Nov 2018 6:16

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

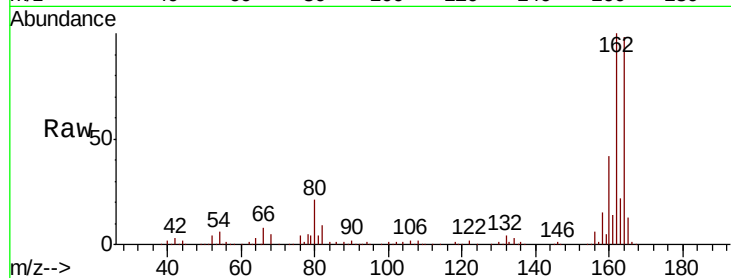




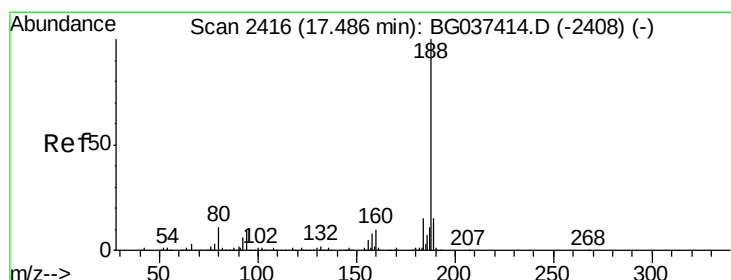
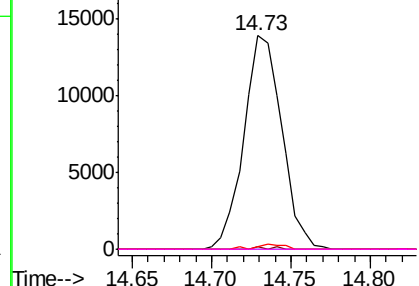
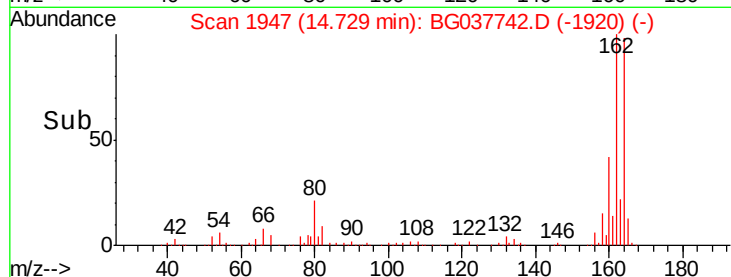
#57
 2,4-Dinitrotoluene
 Concen: 5.645 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037742.D
 Acq: 2 Nov 2018 6:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	165	Resp:	23147
Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.4	50.0#
89	1.2	57.2	85.8#
182	0.0	2.6	4.0#

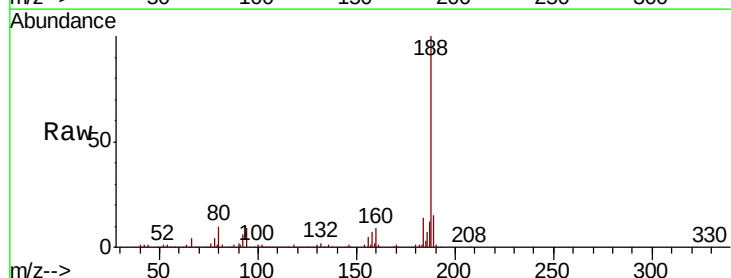


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

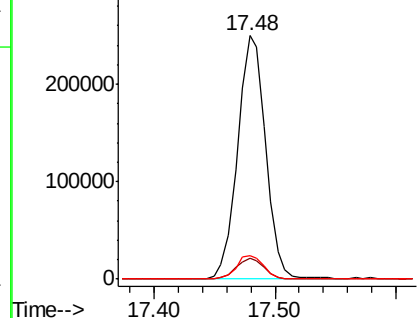
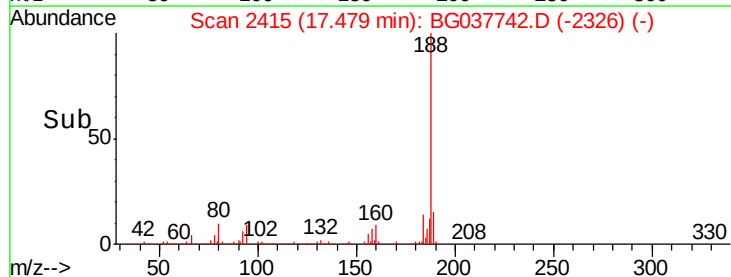


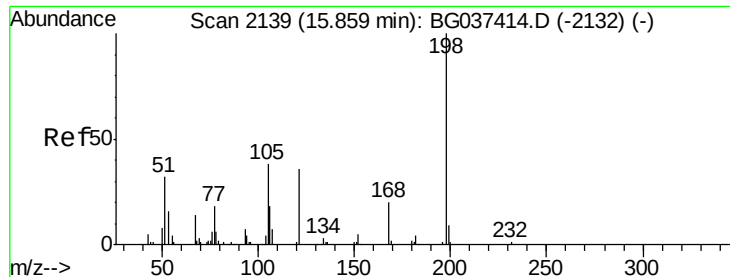
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037742.D
 Acq: 2 Nov 2018 6:16

Tgt Ion:	188	Resp:	404486
Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.7	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

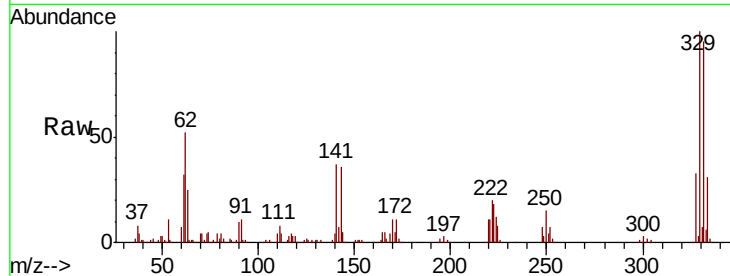




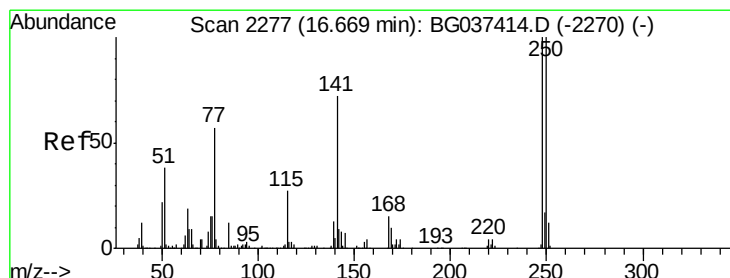
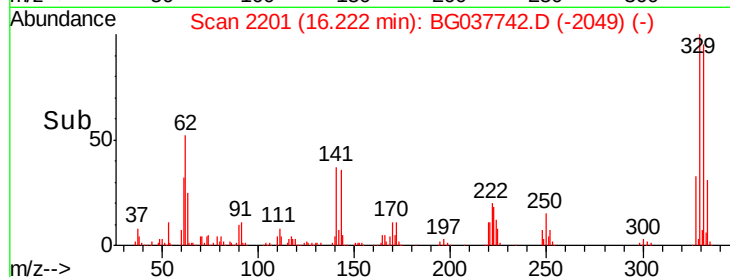
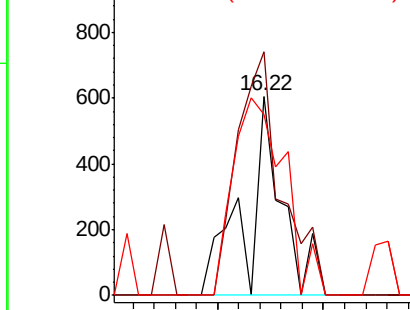
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.785 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.36 min
 Lab File: BG037742.D
 Acq: 2 Nov 2018 6:16

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 717
 Ion Ratio Lower Upper
 198 100
 51 28.0 22.7 62.7
 105 20.7 19.7 59.7

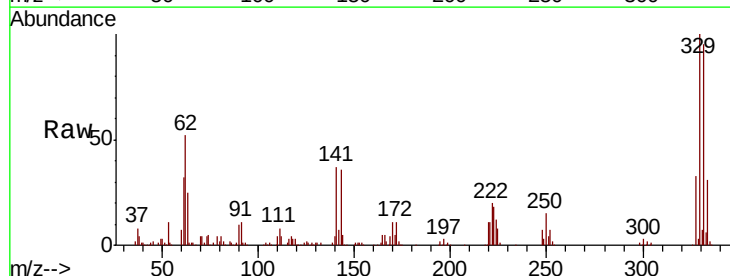


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

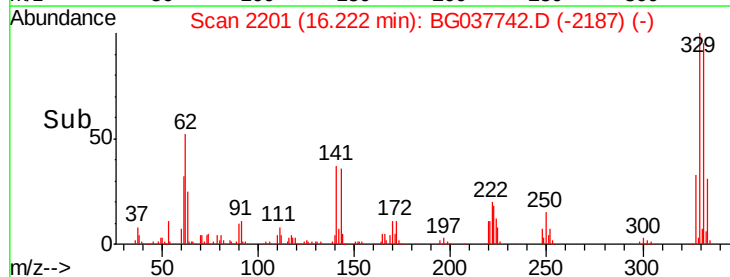
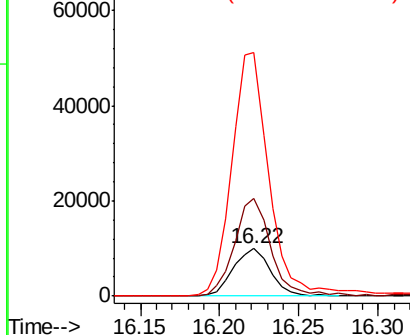


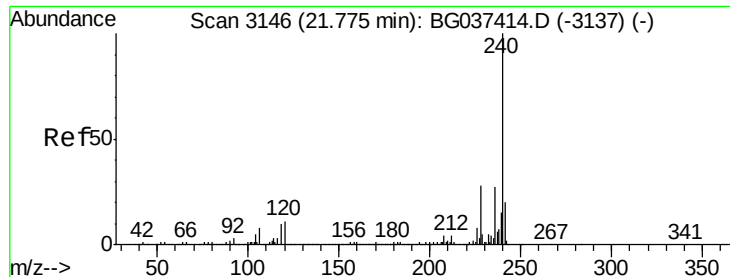
#67
 4-Bromophenyl-phenylether
 Concen: 3.613 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037742.D
 Acq: 2 Nov 2018 6:16

Tgt Ion:248 Resp: 16049
 Ion Ratio Lower Upper
 248 100
 250 192.3 77.0 115.6#
 141 377.5 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: BG037742.D

Acq: 2 Nov 2018 6:16

Instrument :

BNA_G

ClientSampleId :

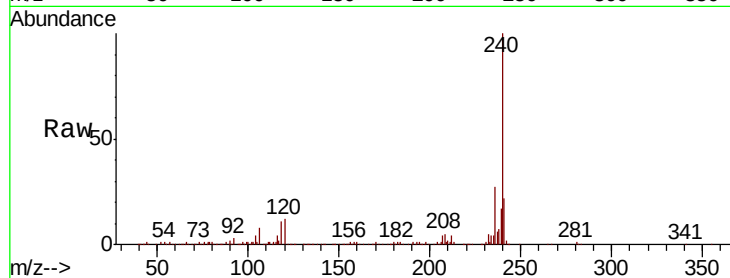
Tot Ion:240 Resp: 357781

Ion Ratio Lower Upper

240 100

120 11.7 8.1 12.1

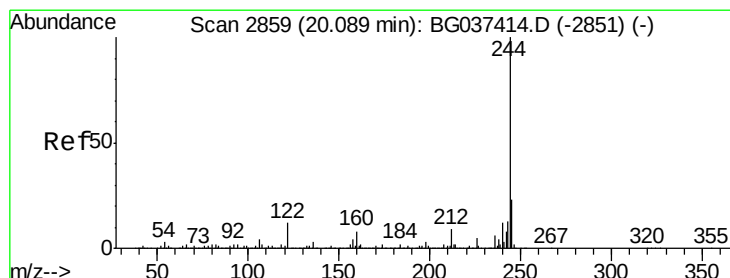
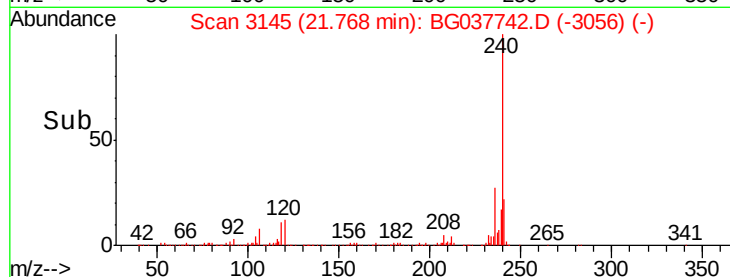
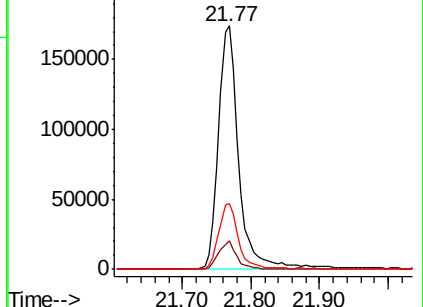
236 27.0 21.4 32.0



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: 85.319 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037742.D

Acq: 2 Nov 2018 6:16

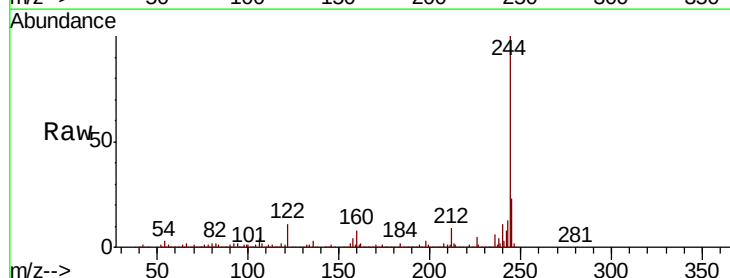
Tgt Ion:244 Resp: 1428581

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

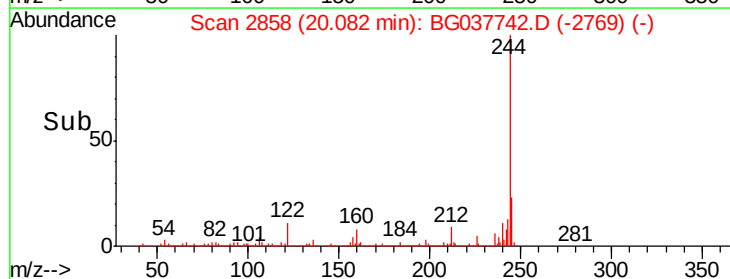
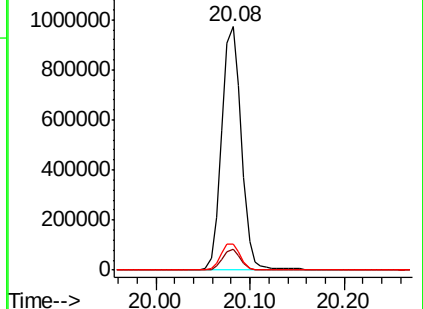
122 10.8 9.0 13.4

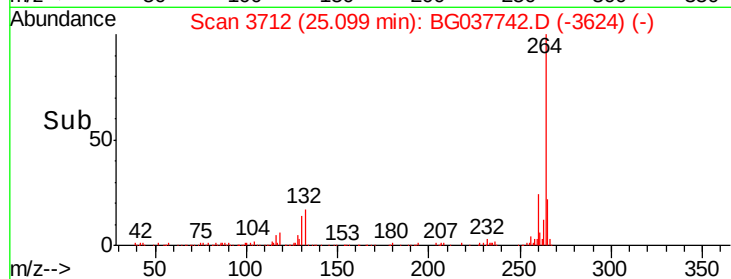
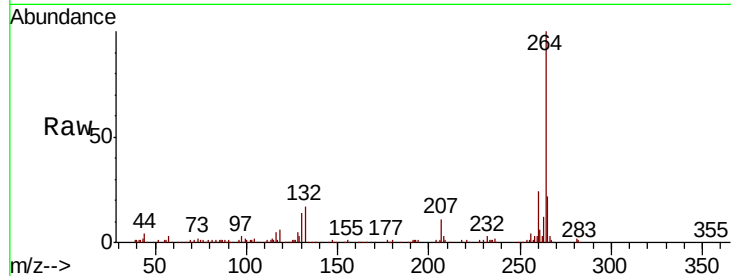
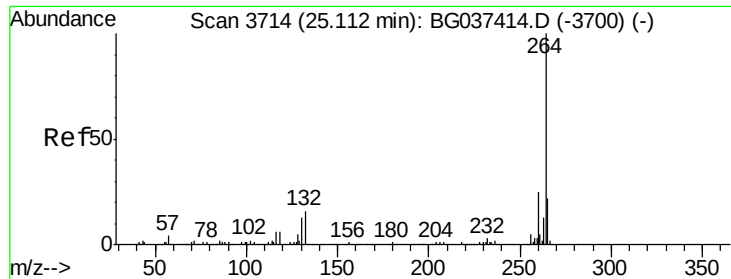


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037742.D
Acq: 2 Nov 2018 6:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.4
265	22.4	17.9	26.9

