

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
 Data File : BG037748.D
 Acq On : 2 Nov 2018 10:10
 Operator : JU/SJ
 Sample : J5741-22
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 02 14:25:24 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

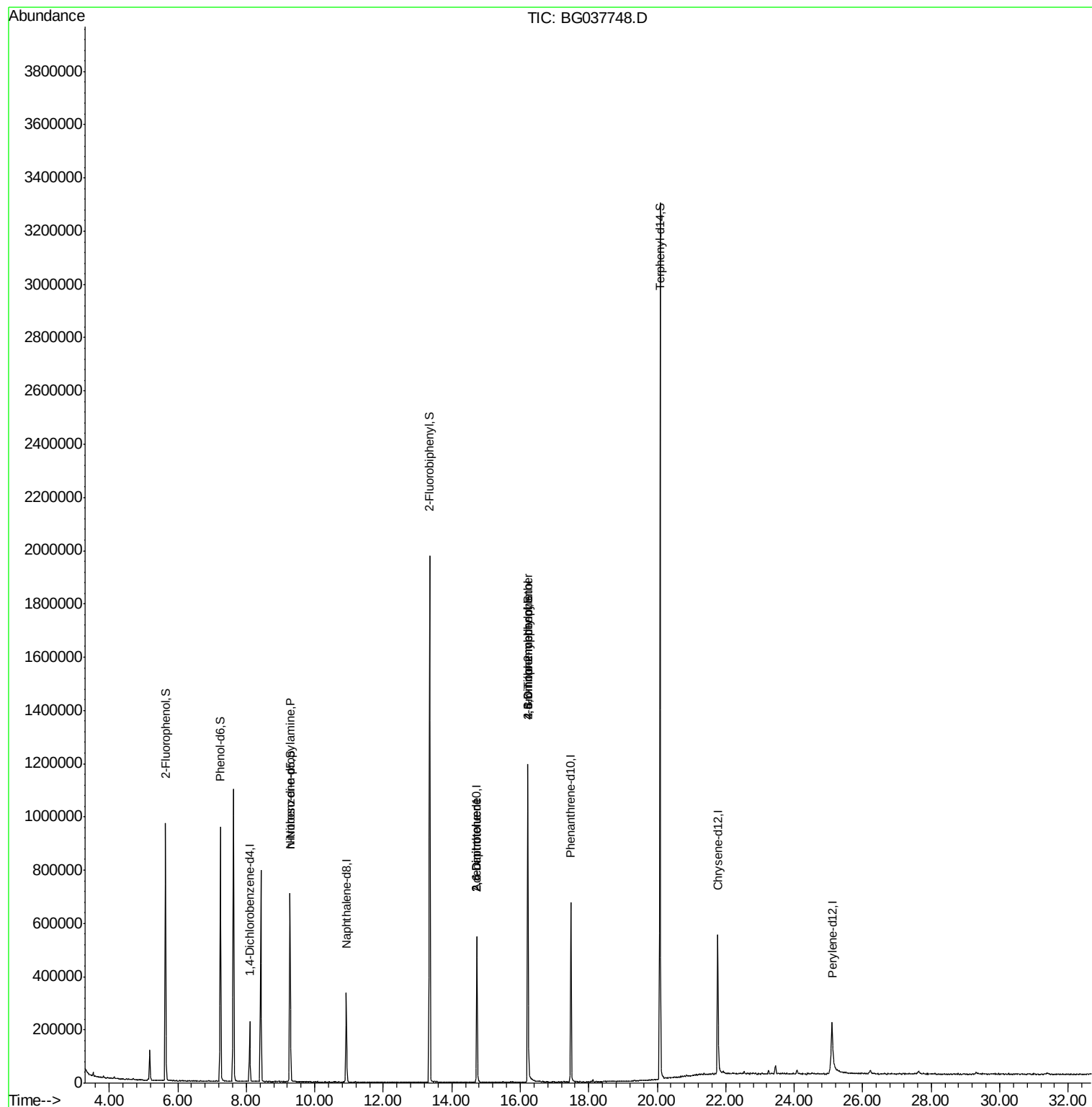
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	68804	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	300545	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	198851	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	434349	20.00	ng	0.00
76) Chrysene-d12	21.77	240	388331	20.00	ng	0.00
87) Perylene-d12	25.10	264	295709	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	461383	112.11	ng	0.00
7) Phenol-d6	7.24	99	625331	100.49	ng	0.00
23) Nitrobenzene-d5	9.27	82	450262	83.92	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	240232	110.76	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	1106582	83.92	ng	-0.01
79) Terphenyl-d14	20.08	244	1612347	88.72	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	56803	13.255	ng	# 71
51) 2,6-Dinitrotoluene	14.73	165	26153	7.685	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	26153	5.854	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	748	8.778	ng	88
67) 4-Bromophenyl-phenylether	16.22	248	17918	3.757	ng	# 1

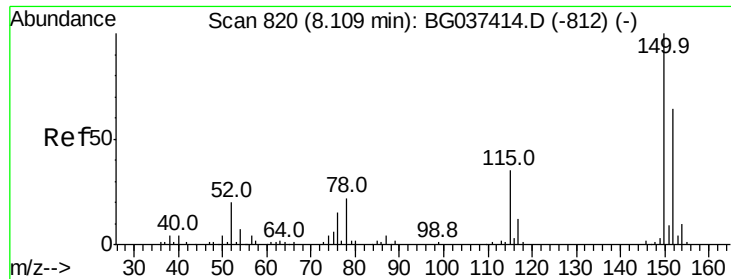
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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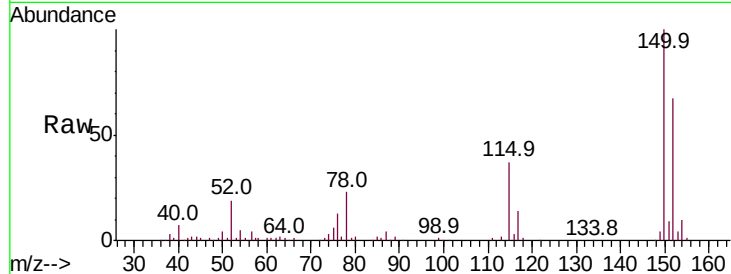


#1

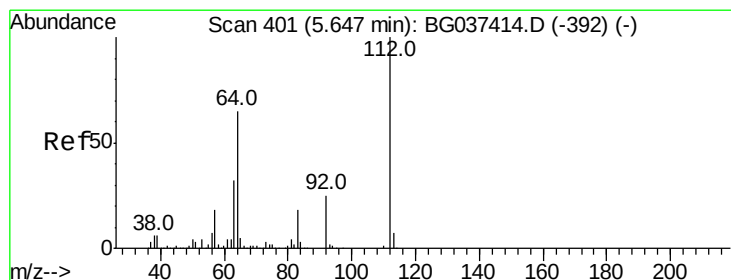
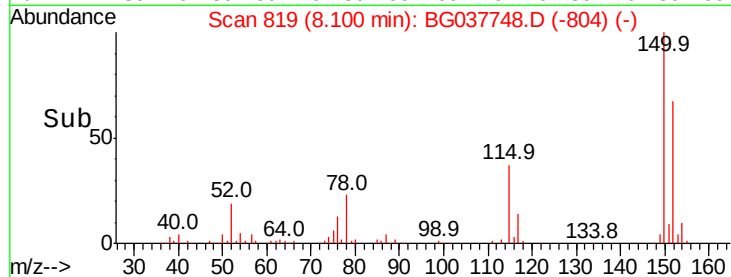
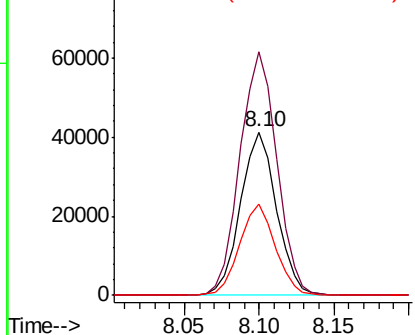
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037748.D
Acq: 2 Nov 2018 10:10

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 68804
Ion Ratio Lower Upper
152 100
150 149.3 126.0 189.0
115 56.0 45.5 68.3



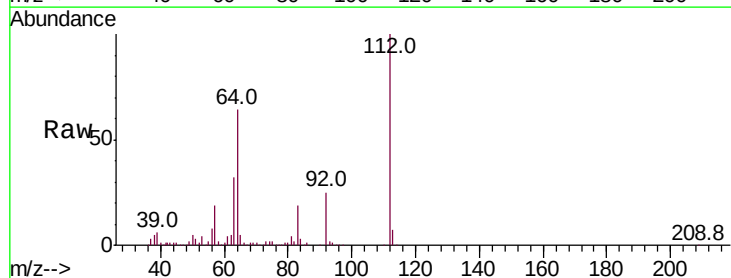
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



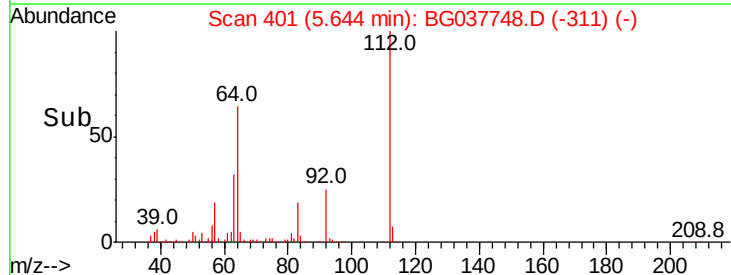
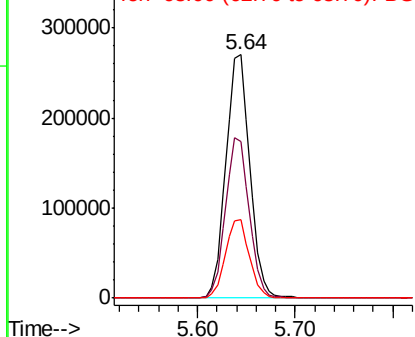
#5

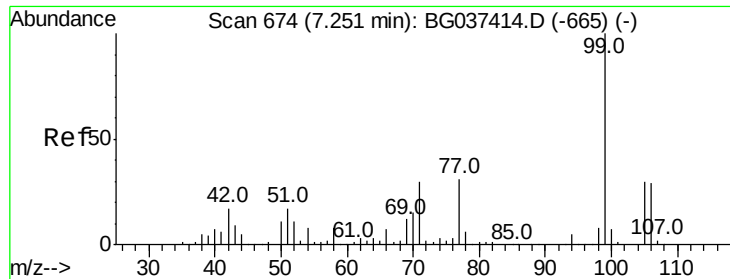
2-Fluorophenol
Concen: 112.110 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037748.D
Acq: 2 Nov 2018 10:10

Tgt Ion:112 Resp: 461383
Ion Ratio Lower Upper
112 100
64 64.1 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: 100.486 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037748.D

Acq: 2 Nov 2018 10:10

Instrument :

BNA_G

ClientSampled :

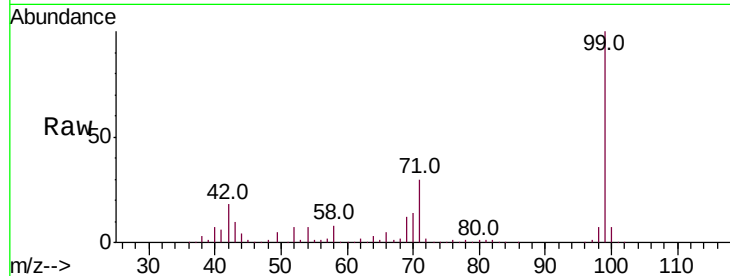
Tot Ion: 99 Resp: 625331

Ion Ratio Lower Upper

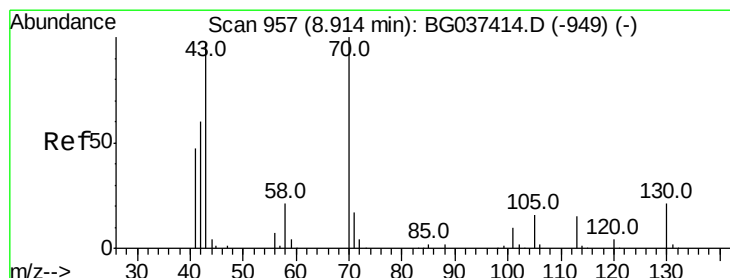
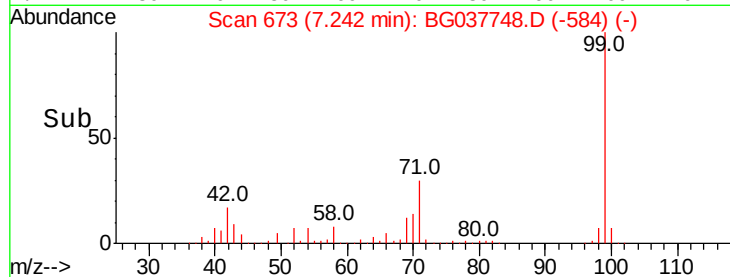
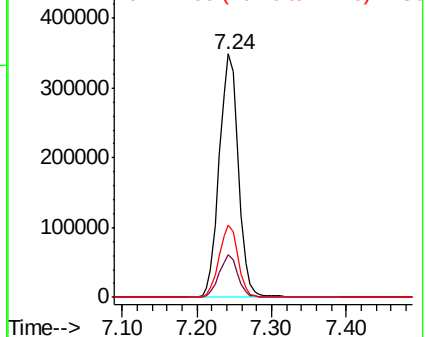
99 100

42 17.6 15.0 22.4

71 29.7 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: 13.255 ng

RT: 9.27 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037748.D

Acq: 2 Nov 2018 10:10

Tgt Ion: 70 Resp: 56803

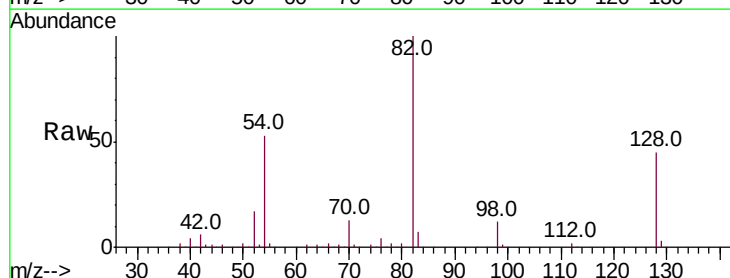
Ion Ratio Lower Upper

70 100

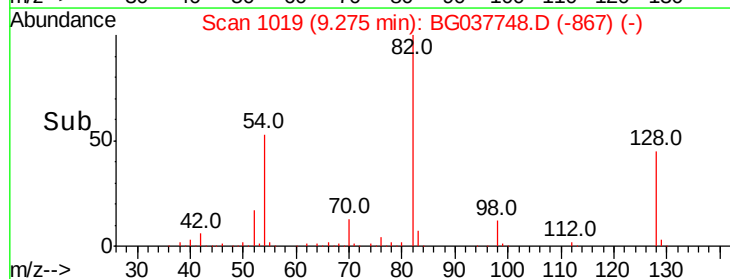
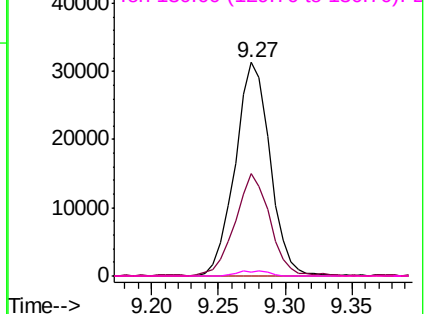
42 48.0 53.9 80.9#

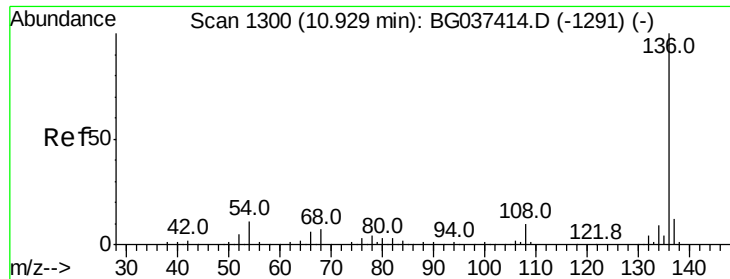
101 0.0 8.2 12.2#

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

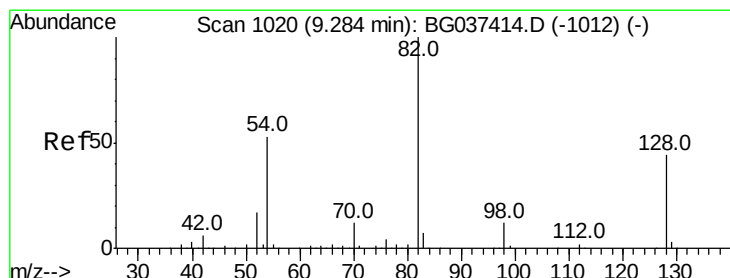
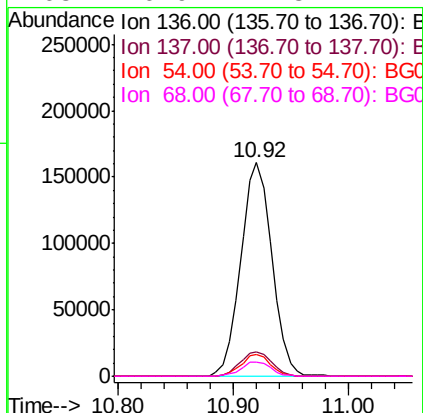
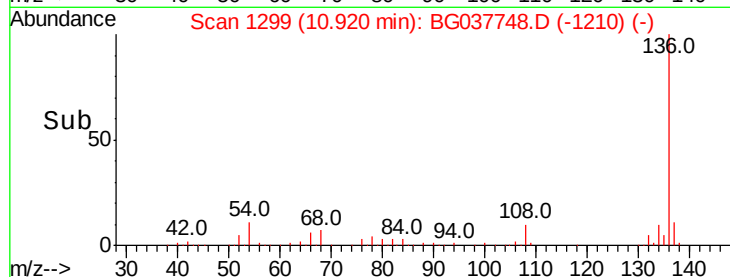
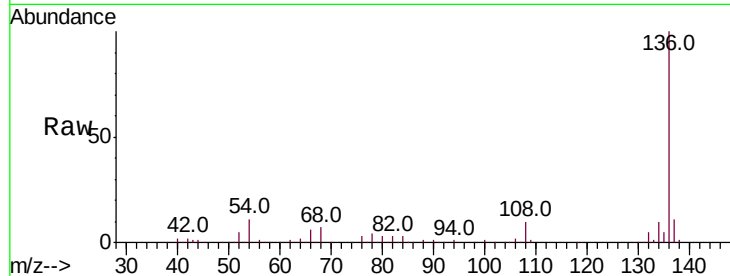




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037748.D
Acq: 2 Nov 2018 10:10

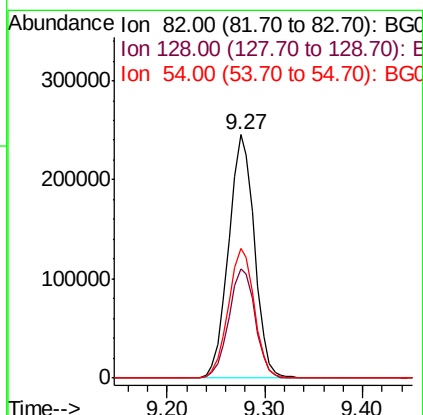
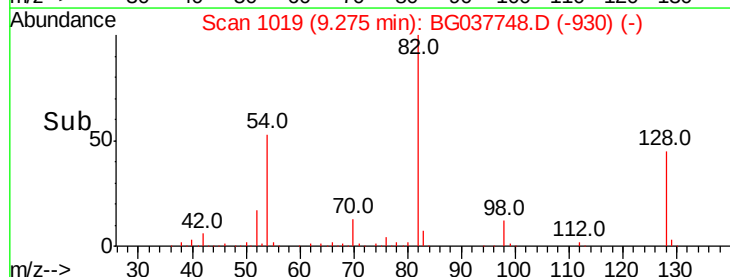
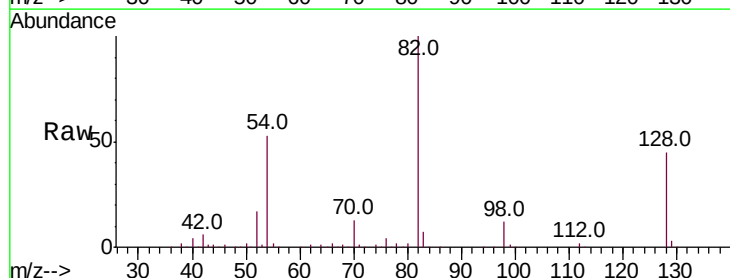
Instrument :
BNA_G
ClientSampled :

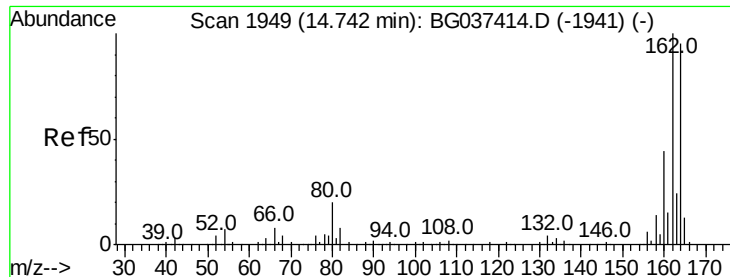
Tot Ion:	136	Resp:	300545
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	10.5	7.9	11.9
68	6.9	4.8	7.2



#23
Nitrobenzene-d5
Concen: 83.925 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037748.D
Acq: 2 Nov 2018 10:10

Tgt Ion:	82	Resp:	450262
Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.6	51.8
54	53.1	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037748.D

Acq: 2 Nov 2018 10:10

Instrument :

BNA_G

ClientSampleId :

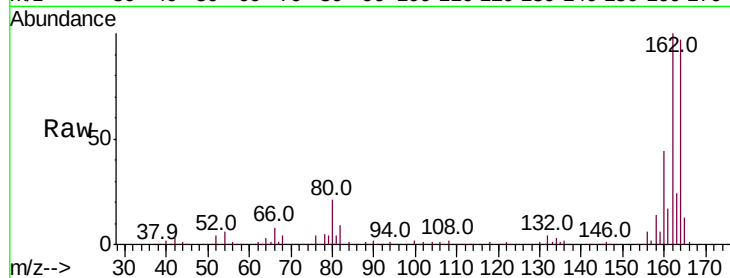
Tot Ion:164 Resp: 198851

Ion Ratio Lower Upper

164 100

162 102.9 81.3 121.9

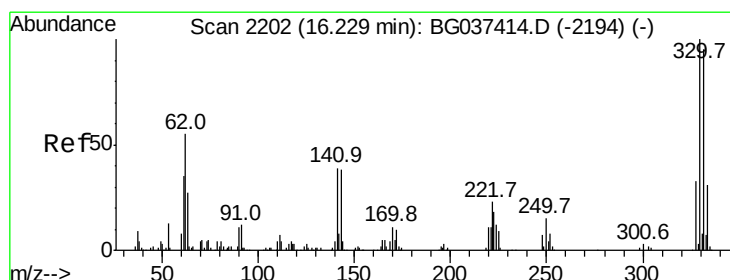
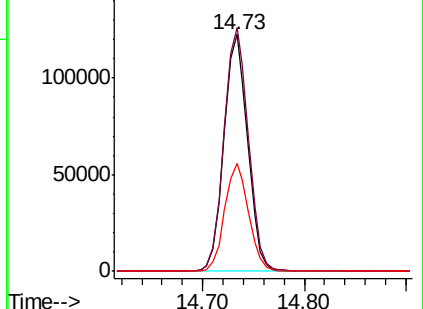
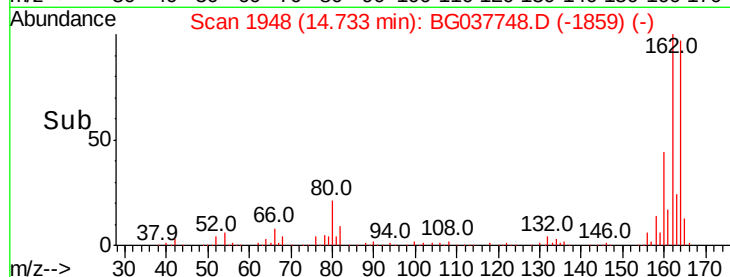
160 45.7 36.3 54.5



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: 110.765 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037748.D

Acq: 2 Nov 2018 10:10

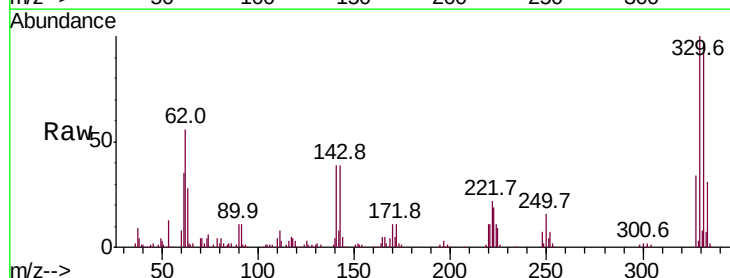
Tgt Ion:330 Resp: 240232

Ion Ratio Lower Upper

330 100

332 93.4 78.4 117.6

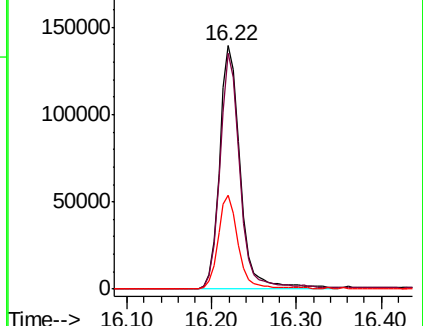
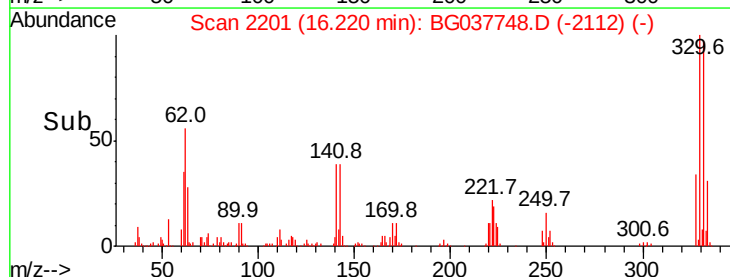
141 37.8 32.2 48.2

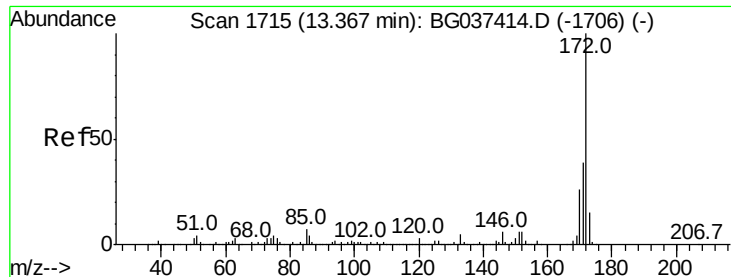


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

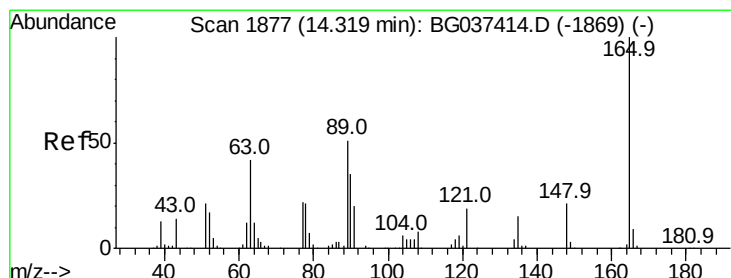
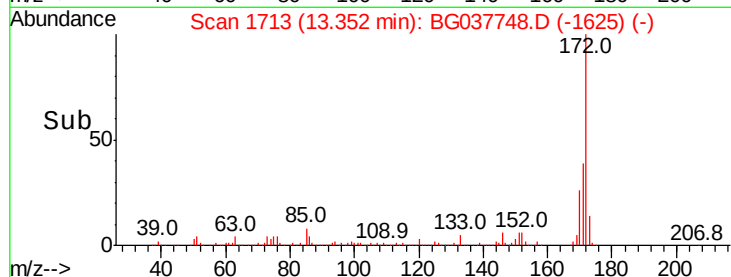
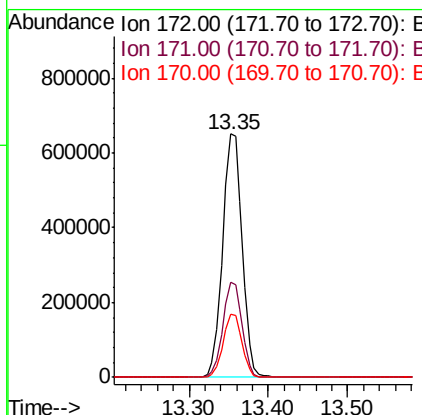
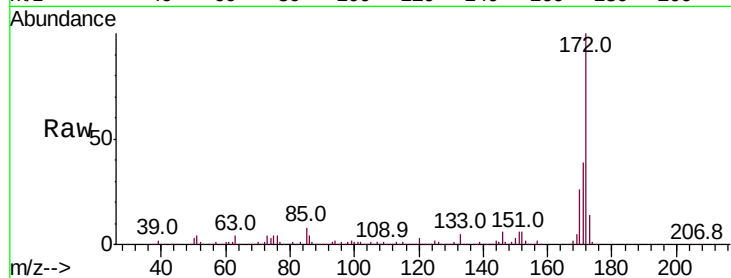




#45
2-Fluorobiphenyl
Concen: 83.915 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037748.D
Acq: 2 Nov 2018 10:10

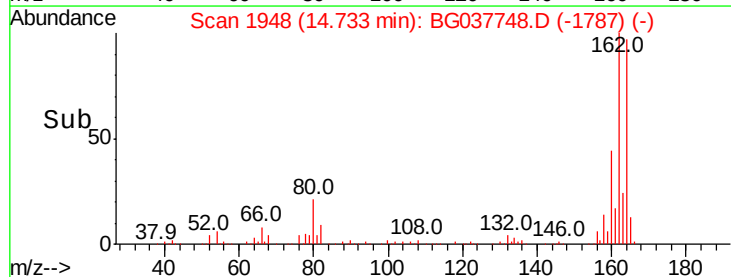
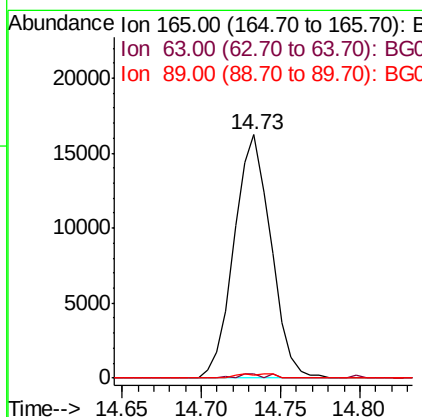
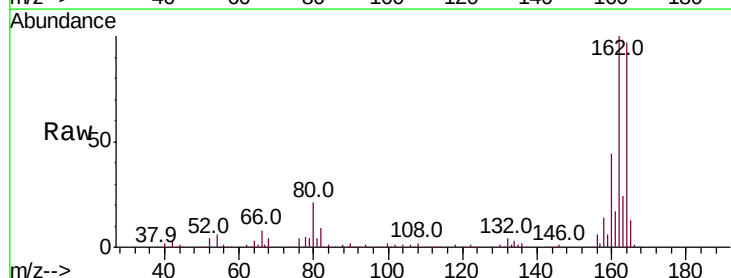
Instrument :
BNA_G
ClientSampleId :

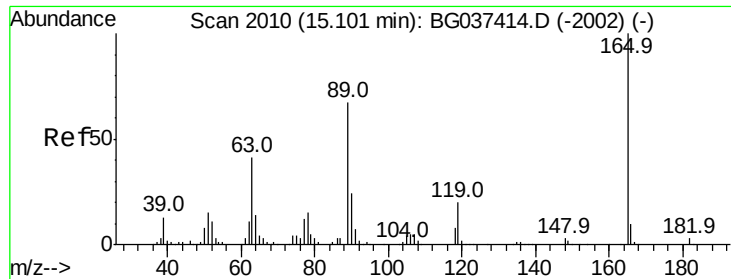
Tot Ion:172 Resp: 1106582
Ion Ratio Lower Upper
172 100
171 38.9 31.0 46.4
170 25.7 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.685 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.41 min
Lab File: BG037748.D
Acq: 2 Nov 2018 10:10

Tgt Ion:165 Resp: 26153
Ion Ratio Lower Upper
165 100
63 2.0 43.4 65.2#
89 1.1 45.8 68.6#





#57

2,4-Dinitrotoluene

Concen: 5.854 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.37 min

Lab File: BG037748.D

Acq: 2 Nov 2018 10:10

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 26153

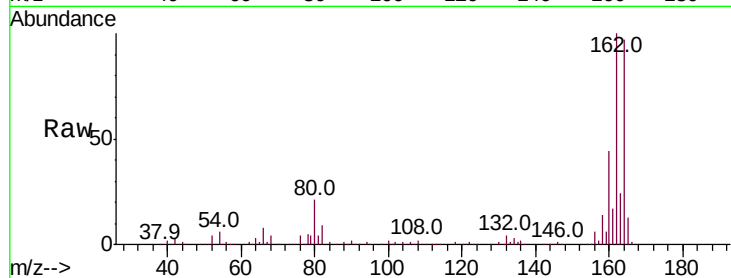
Ion Ratio Lower Upper

165 100

63 2.0 33.4 50.0#

89 1.1 57.2 85.8#

182 0.0 2.6 4.0#

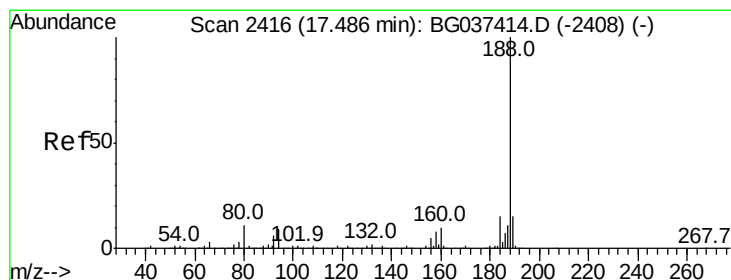
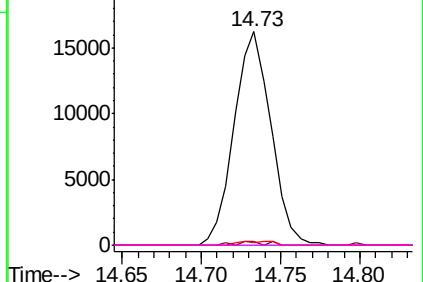
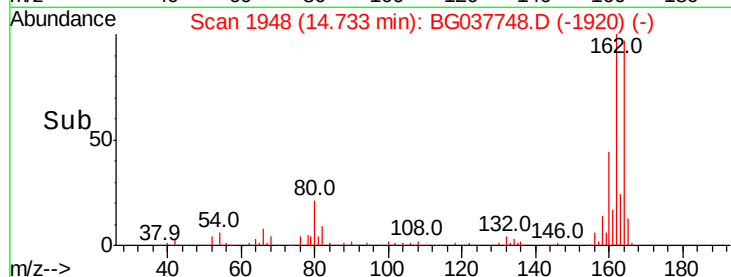


Abundance Ion 165.00 (164.70 to 165.70): E

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: BG037748.D

Acq: 2 Nov 2018 10:10

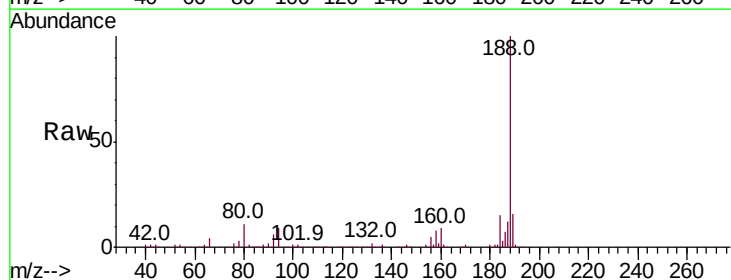
Tgt Ion:188 Resp: 434349

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

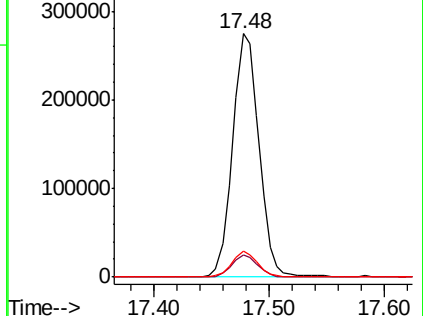
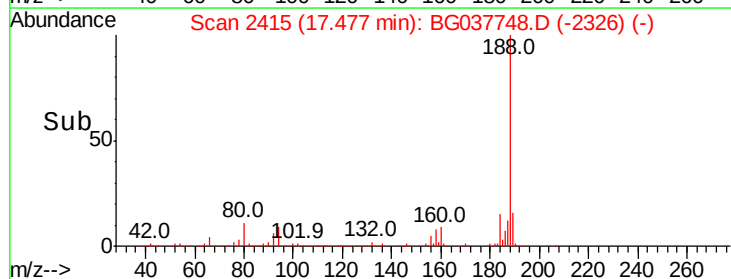
80 10.6 7.7 11.5

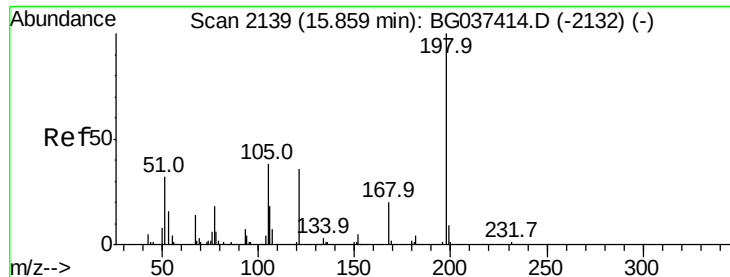


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

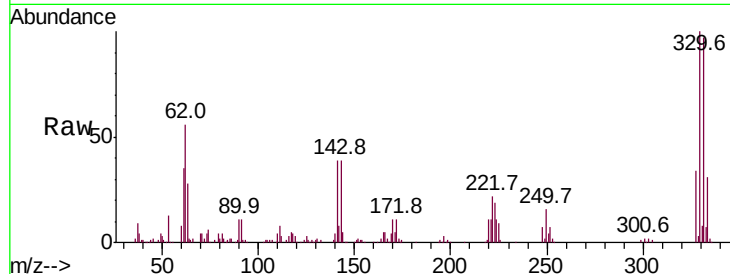




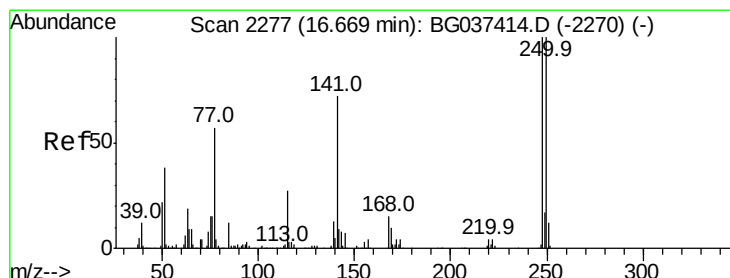
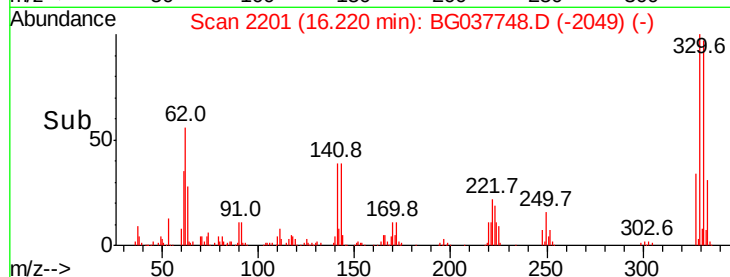
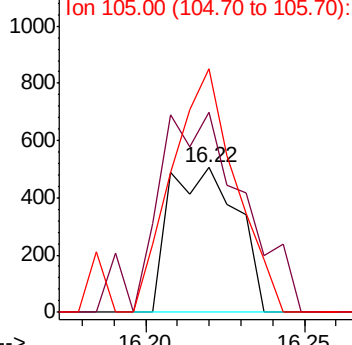
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.778 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.36 min
 Lab File: BG037748.D
 Acq: 2 Nov 2018 10:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 748
 Ion Ratio Lower Upper
 198 100
 51 30.7 22.7 62.7
 105 37.3 19.7 59.7

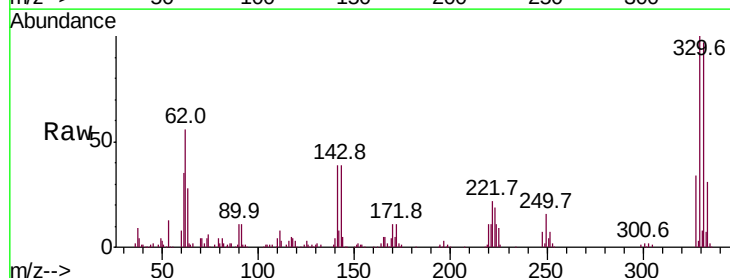


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

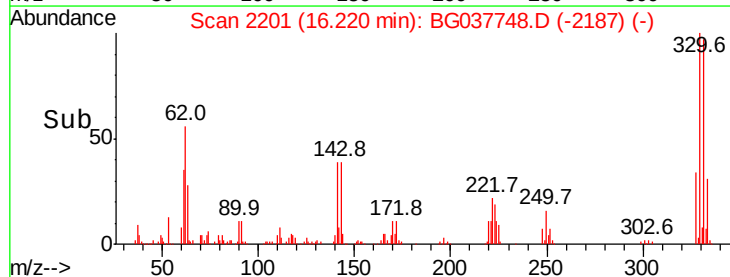
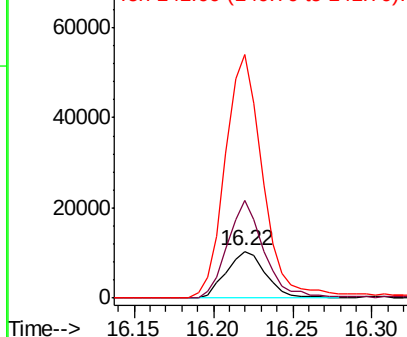


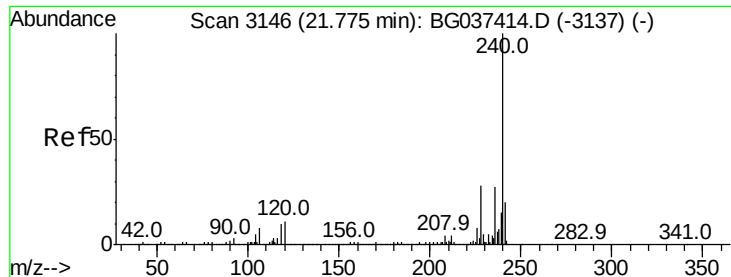
#67
 4-Bromophenyl-phenylether
 Concen: 3.757 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037748.D
 Acq: 2 Nov 2018 10:10

Tgt Ion:248 Resp: 17918
 Ion Ratio Lower Upper
 248 100
 250 202.6 77.0 115.6#
 141 390.0 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: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037748.D

Acq: 2 Nov 2018 10:10

Instrument :

BNA_G

ClientSampleId :

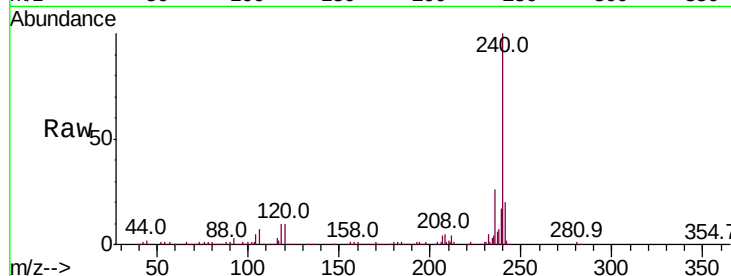
Tot Ion:240 Resp: 388331

Ion Ratio Lower Upper

240 100

120 10.2 8.1 12.1

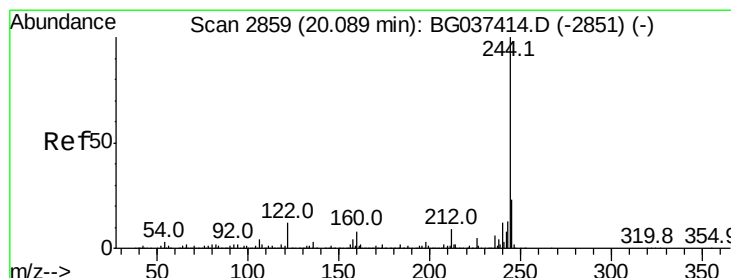
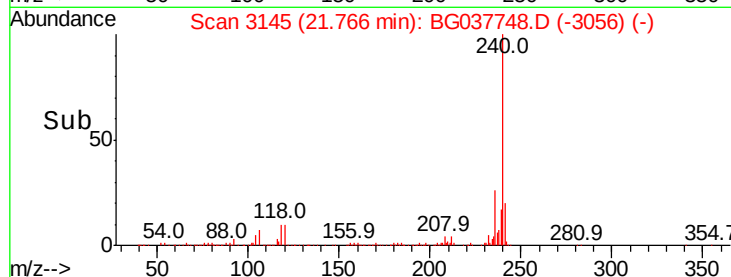
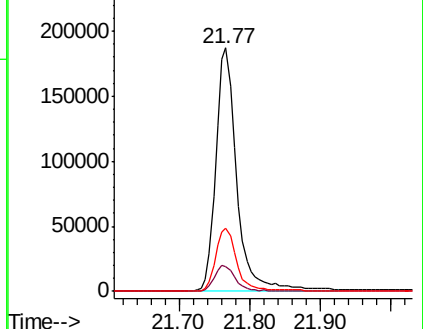
236 26.1 21.4 32.0



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: 88.718 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037748.D

Acq: 2 Nov 2018 10:10

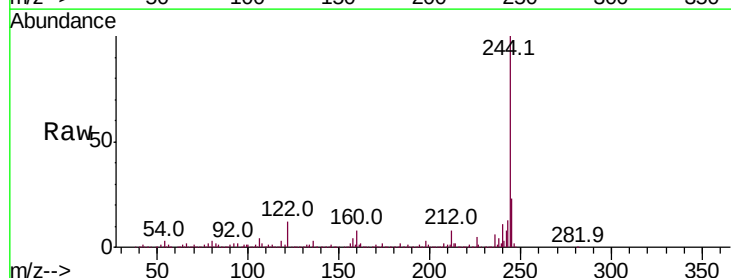
Tgt Ion:244 Resp: 1612347

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

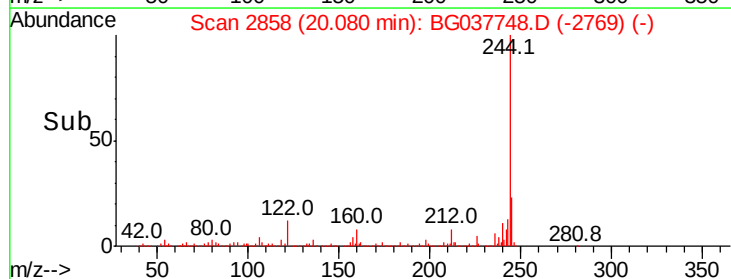
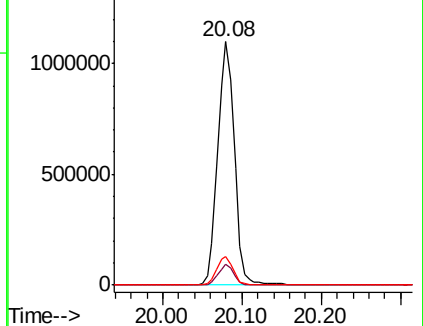
122 11.7 9.0 13.4

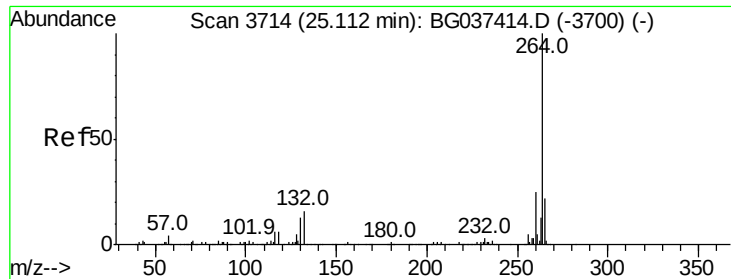


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

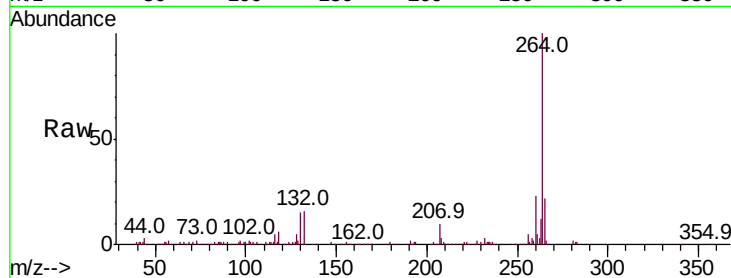




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.10 min Scan# 3713
 Delta R.T. -0.01 min
 Lab File: BG037748.D
 Acq: 2 Nov 2018 10:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	21.9	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

