

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
 Data File : BG037749.D
 Acq On : 2 Nov 2018 10:49
 Operator : JU/SJ
 Sample : J5741-26
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 02 14:25:36 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

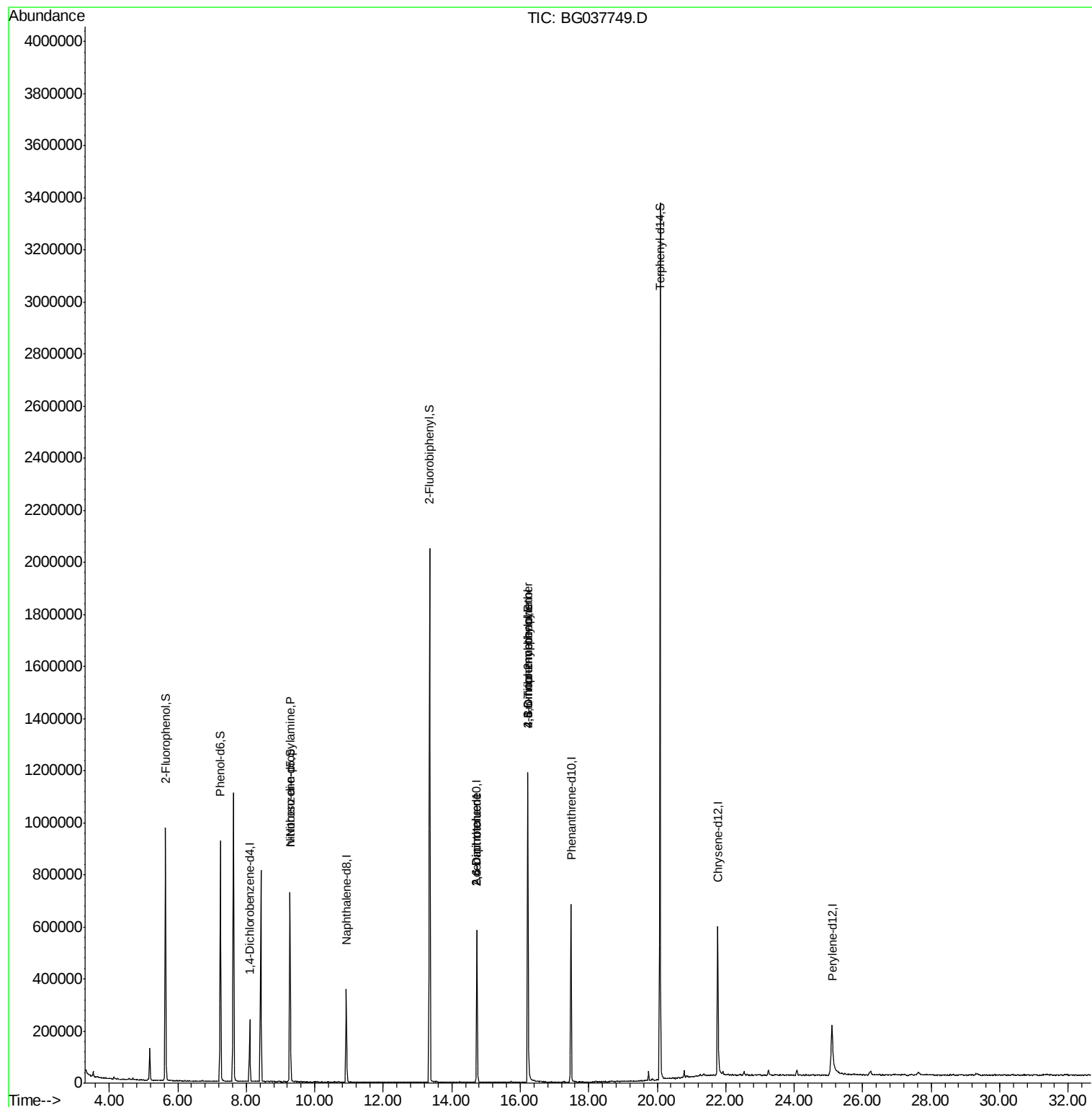
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	73274	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	330644	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	214872	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	455692	20.00	ng	0.00
76) Chrysene-d12	21.77	240	409665	20.00	ng	0.00
87) Perylene-d12	25.10	264	326767	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	459185	104.77	ng	0.00
7) Phenol-d6	7.24	99	599171	90.41	ng	0.00
23) Nitrobenzene-d5	9.28	82	464567	78.71	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	243013	103.69	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	1129961	79.30	ng	-0.01
79) Terphenyl-d14	20.08	244	1589084	82.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	57762	12.657	ng	# 73
51) 2,6-Dinitrotoluene	14.73	165	27191	7.394	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	27191	5.633	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	506	8.682	ng	# 72
67) 4-Bromophenyl-phenylether	16.22	248	16771	3.351	ng	# 1

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

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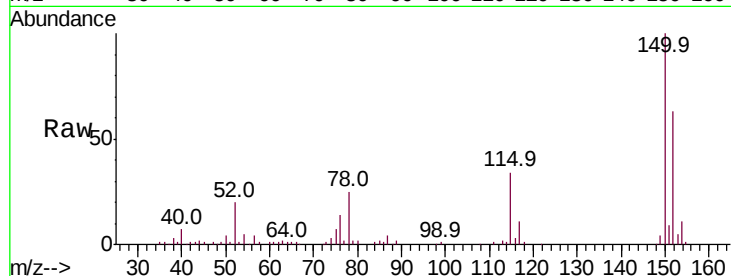


#1

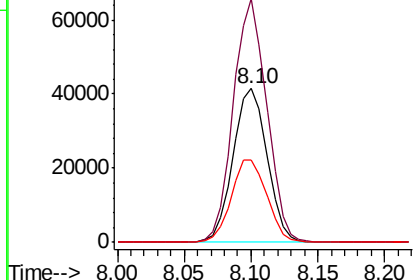
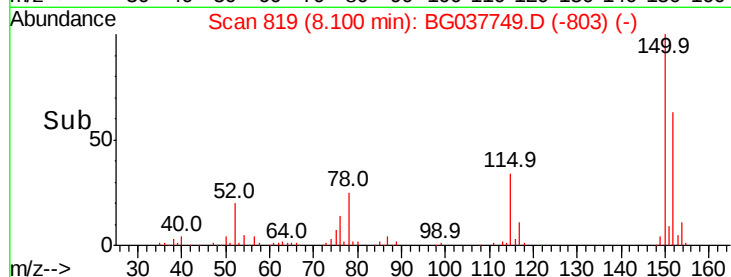
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037749.D
Acq: 2 Nov 2018 10:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 73274
Ion Ratio Lower Upper
152 100
150 158.5 126.0 189.0
115 53.3 45.5 68.3



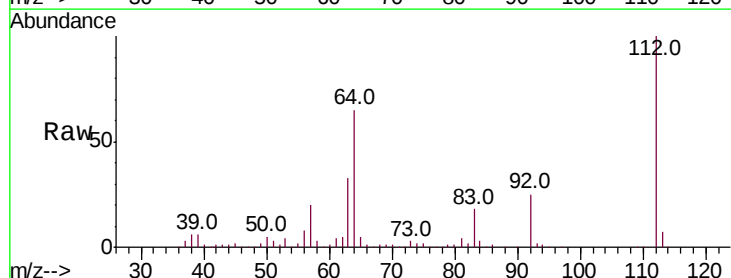
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



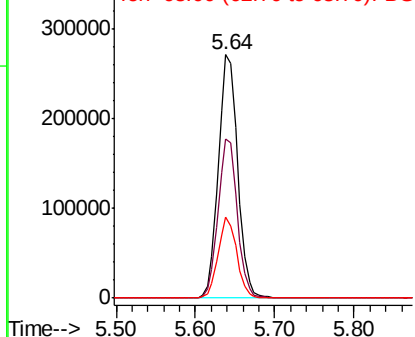
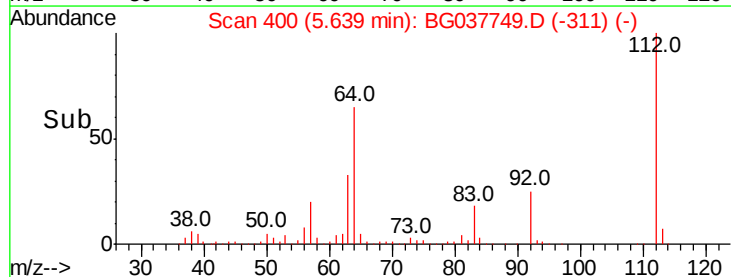
#5

2-Fluorophenol
Concen: 104.770 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037749.D
Acq: 2 Nov 2018 10:49

Tgt Ion:112 Resp: 459185
Ion Ratio Lower Upper
112 100
64 65.2 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: 90.409 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037749.D

Acq: 2 Nov 2018 10:49

Instrument :

BNA_G

ClientSampled :

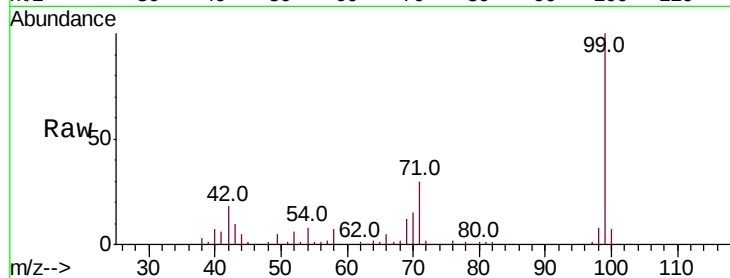
Tot Ion: 99 Resp: 599171

Ion Ratio Lower Upper

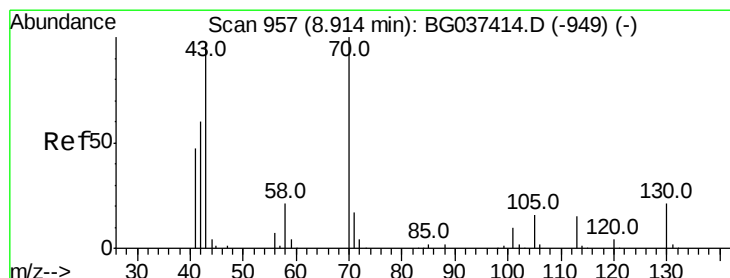
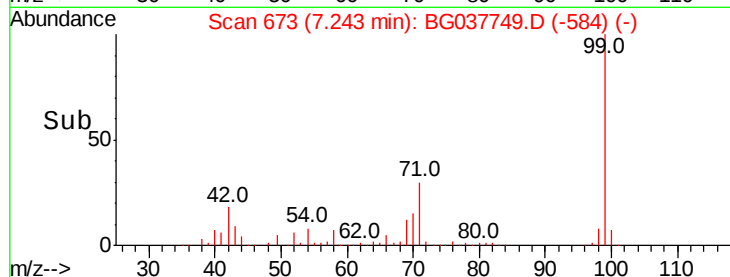
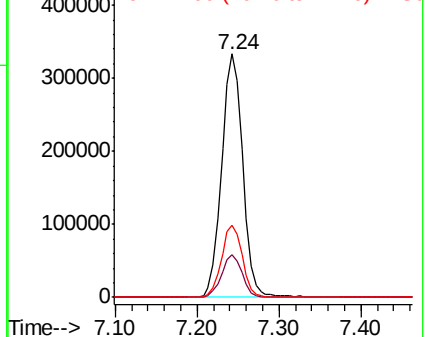
99 100

42 17.7 15.0 22.4

71 29.8 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: 12.657 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037749.D

Acq: 2 Nov 2018 10:49

Tgt Ion: 70 Resp: 57762

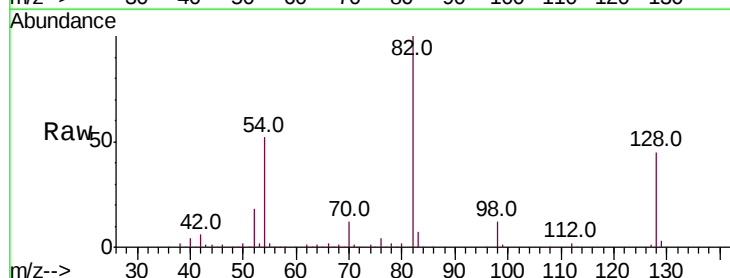
Ion Ratio Lower Upper

70 100

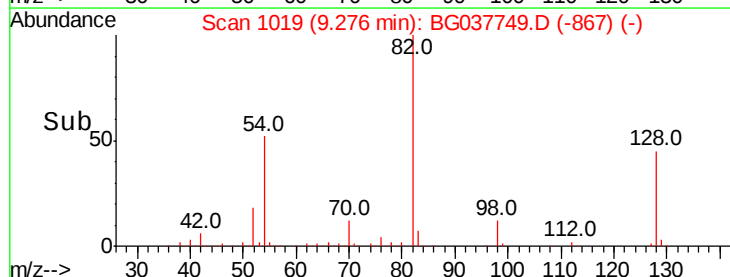
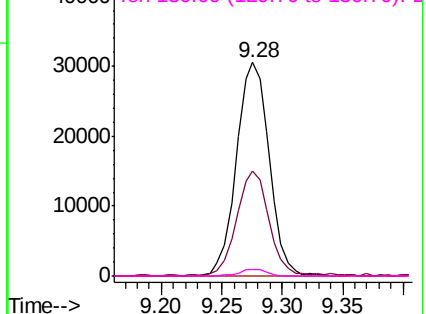
42 49.4 53.9 80.9#

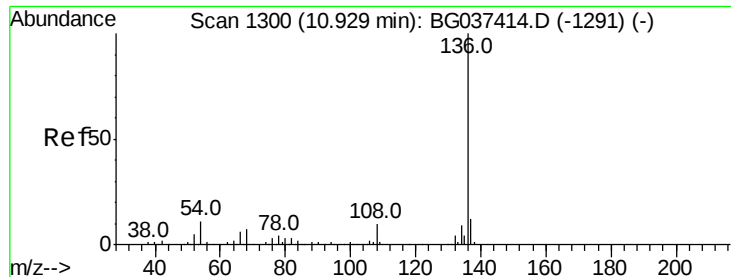
101 0.0 8.2 12.2#

130 3.0 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

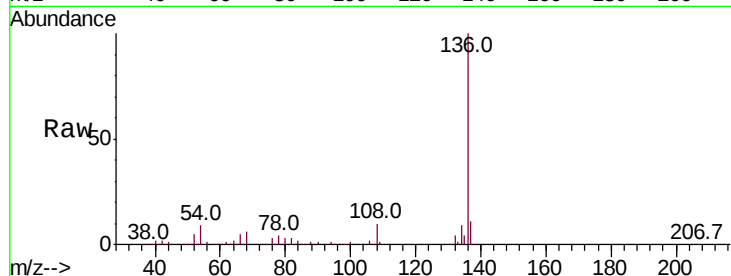




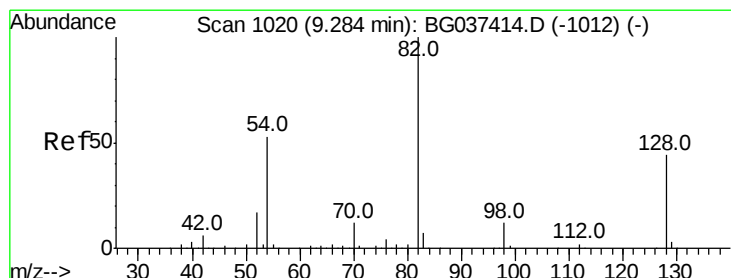
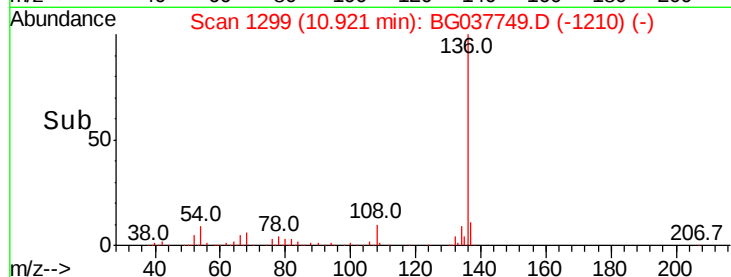
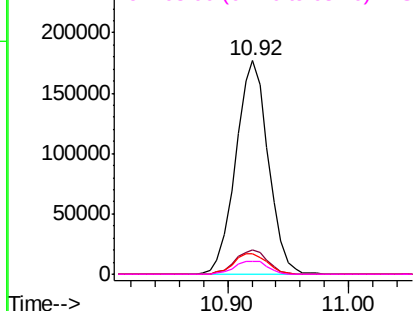
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037749.D
Acq: 2 Nov 2018 10:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	330644
Ion	Ratio	Lower Upper
136	100	
137	11.4	9.6 14.4
54	9.3	7.9 11.9
68	6.1	4.8 7.2

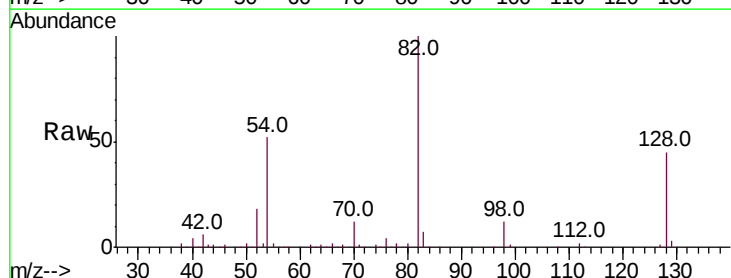


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

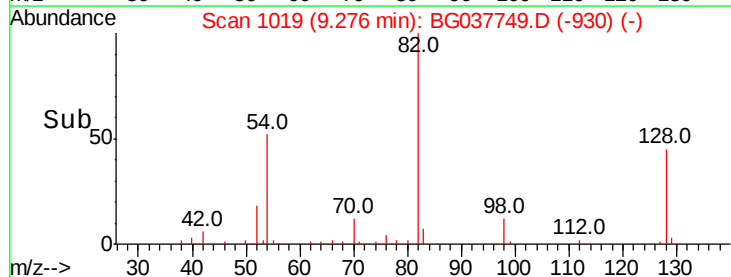
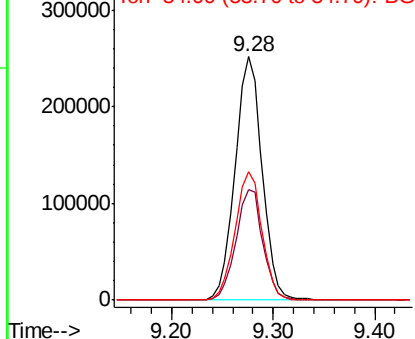


#23
Nitrobenzene-d5
Concen: 78.709 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037749.D
Acq: 2 Nov 2018 10:49

Tgt Ion: 82	Resp:	464567
Ion	Ratio	Lower Upper
82	100	
128	45.1	34.6 51.8
54	52.5	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# 1948

Delta R.T. -0.01 min

Lab File: BG037749.D

Acq: 2 Nov 2018 10:49

Instrument :

BNA_G

ClientSampleId :

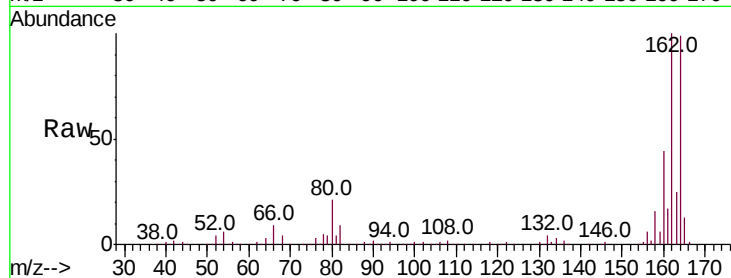
Tot Ion:164 Resp: 214872

Ion Ratio Lower Upper

164 100

162 101.2 81.3 121.9

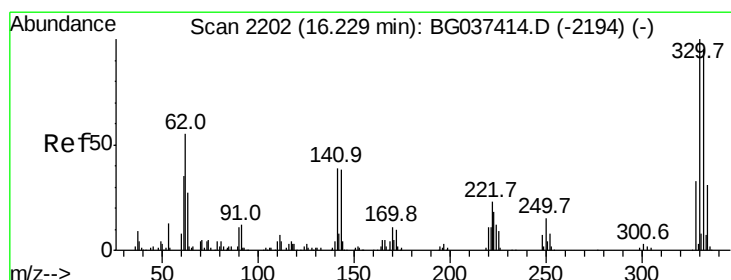
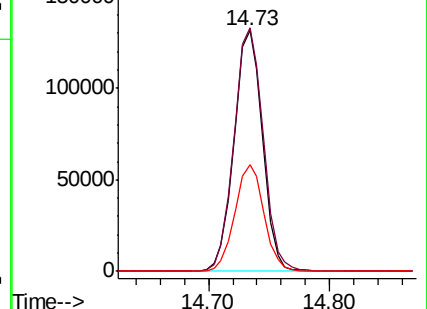
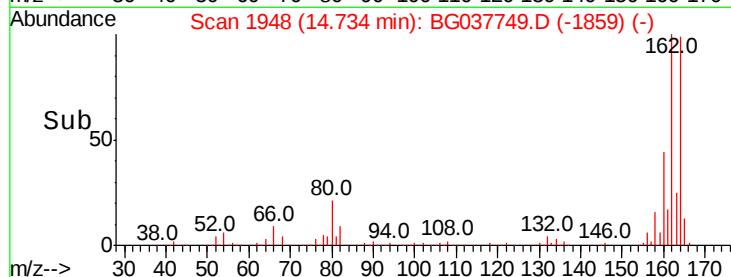
160 44.1 36.3 54.5



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: 103.693 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037749.D

Acq: 2 Nov 2018 10:49

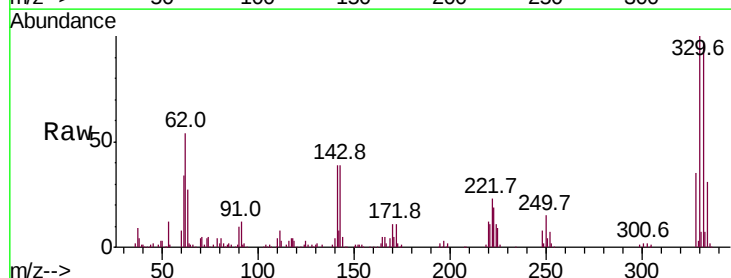
Tgt Ion:330 Resp: 243013

Ion Ratio Lower Upper

330 100

332 94.8 78.4 117.6

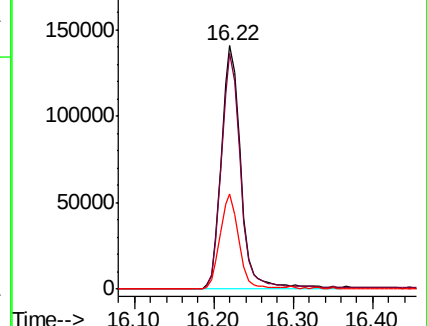
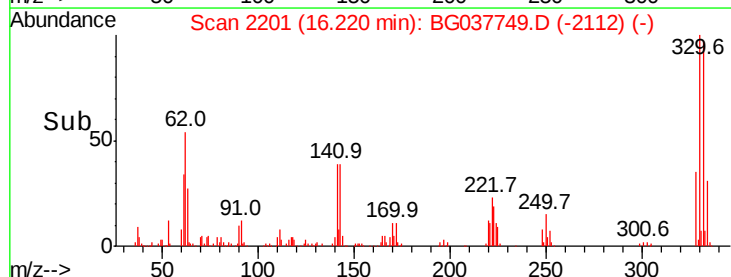
141 37.1 32.2 48.2



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



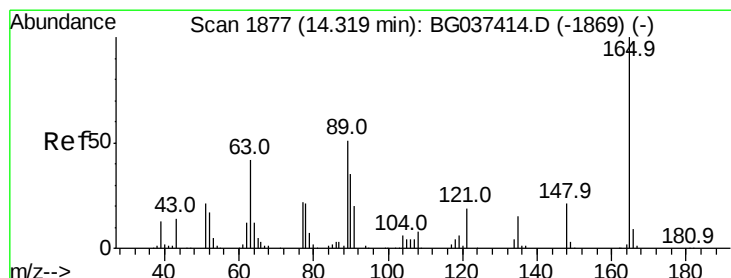
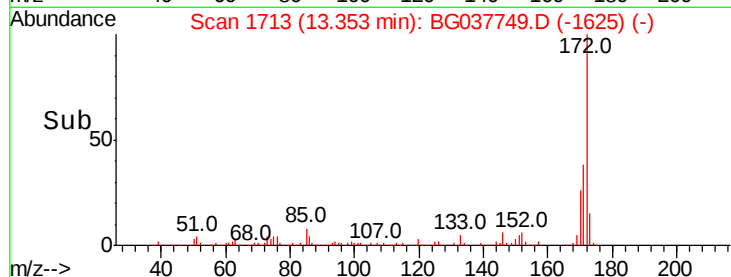
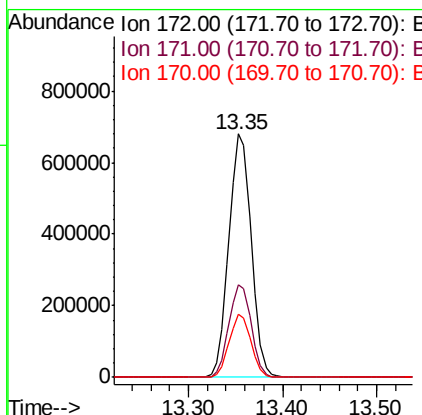
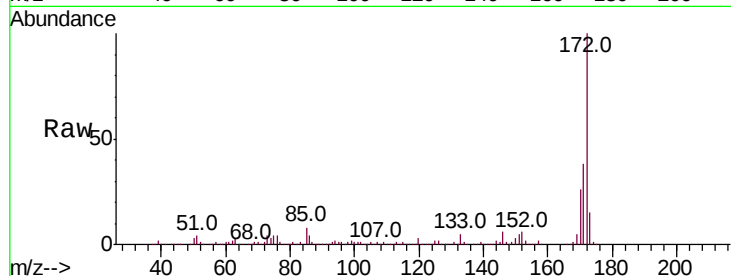


#45
 2-Fluorobiphenyl
 Concen: 79.299 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037749.D
 Acq: 2 Nov 2018 10:49

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 1129961

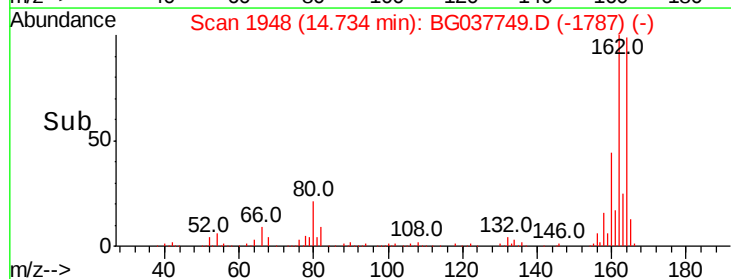
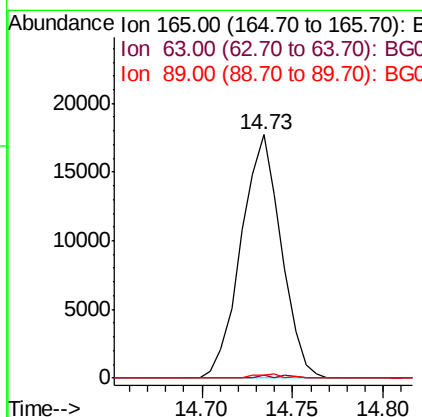
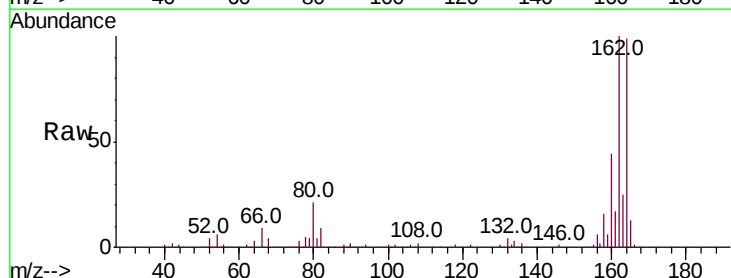
Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.0	46.4
170	25.7	20.2	30.2

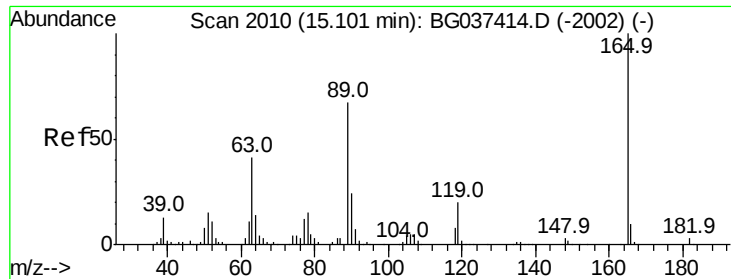


#51
 2,6-Dinitrotoluene
 Concen: 7.394 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. 0.41 min
 Lab File: BG037749.D
 Acq: 2 Nov 2018 10:49

Tgt Ion:165 Resp: 27191

Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.4	65.2#
89	1.0	45.8	68.6#





#57

2,4-Dinitrotoluene

Concen: 5.633 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.37 min

Lab File: BG037749.D

Acq: 2 Nov 2018 10:49

Instrument :

BNA_G

ClientSampled :

Tot Ion:165 Resp: 27191

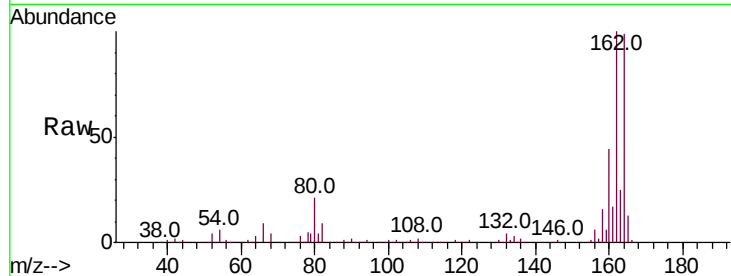
Ion Ratio Lower Upper

165 100

63 1.3 33.4 50.0#

89 1.0 57.2 85.8#

182 0.0 2.6 4.0#

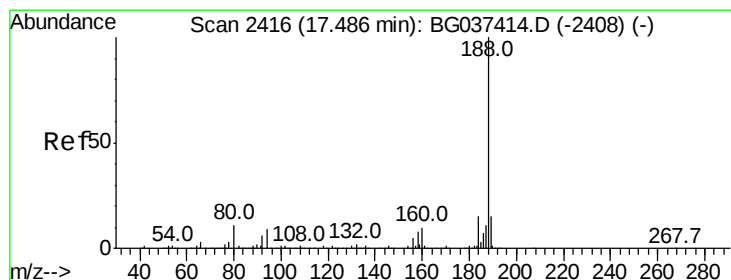
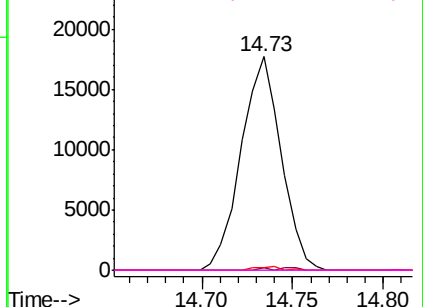
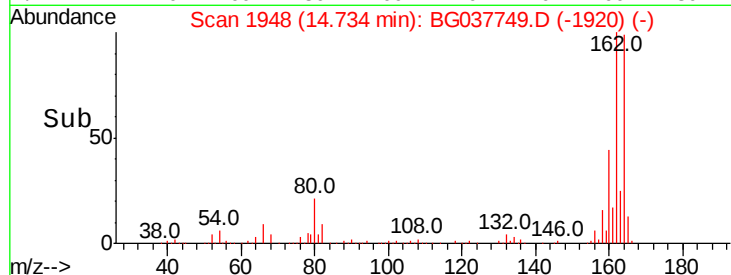


Abundance Ion 165.00 (164.70 to 165.70): E

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: BG037749.D

Acq: 2 Nov 2018 10:49

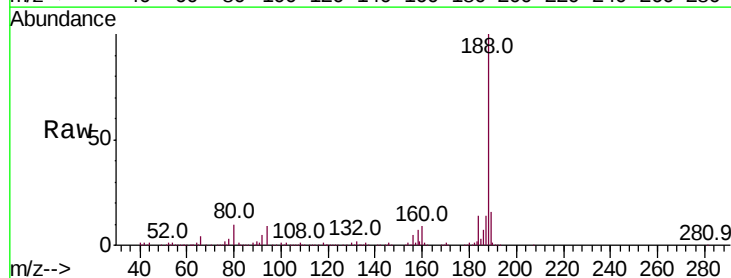
Tgt Ion:188 Resp: 455692

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

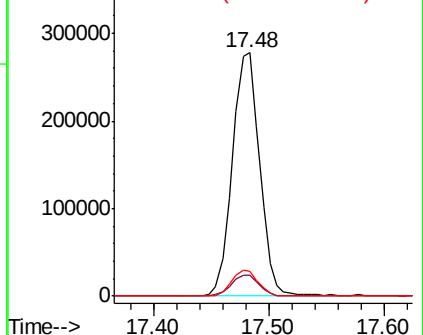
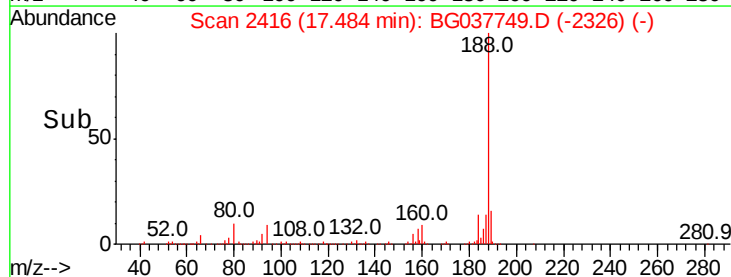
80 10.4 7.7 11.5

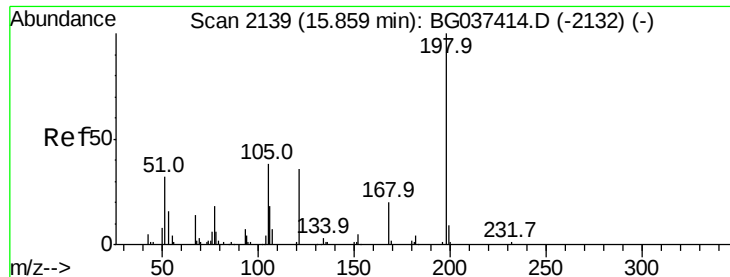


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

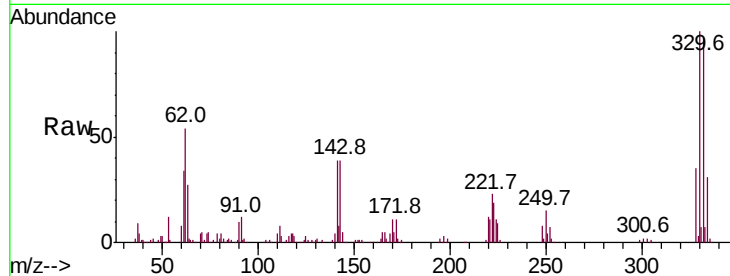




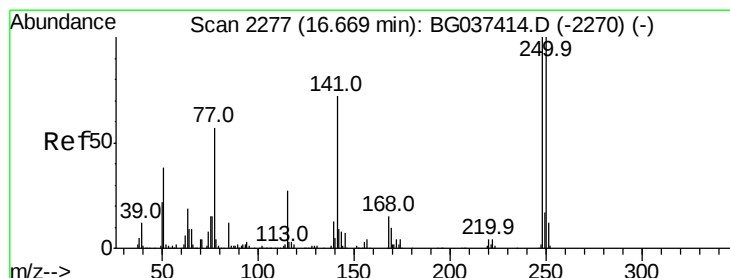
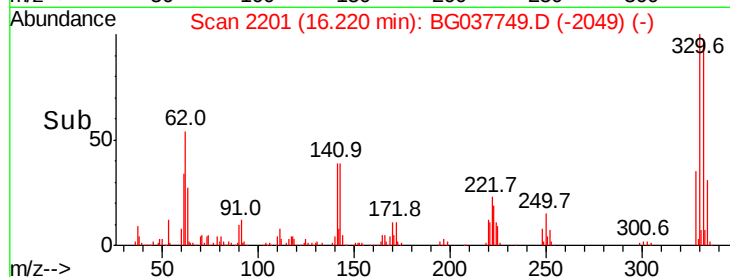
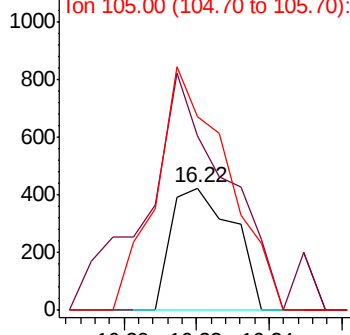
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.682 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.36 min
 Lab File: BG037749.D
 Acq: 2 Nov 2018 10:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 506
 Ion Ratio Lower Upper
 198 100
 51 22.3 22.7 62.7#
 105 24.9 19.7 59.7

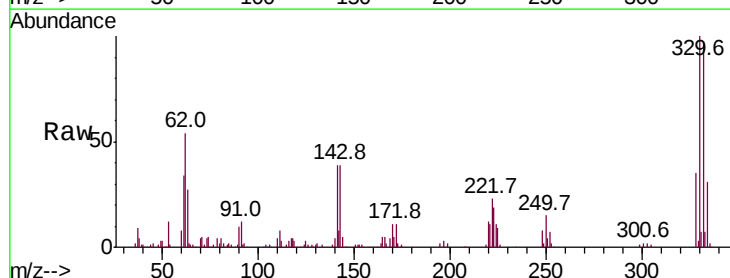


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

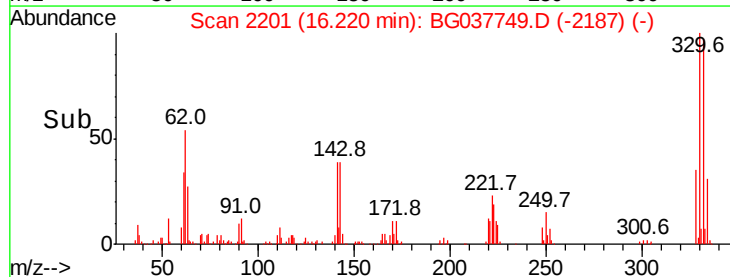
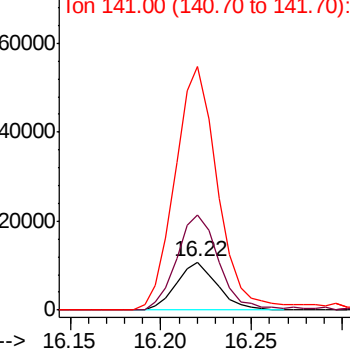


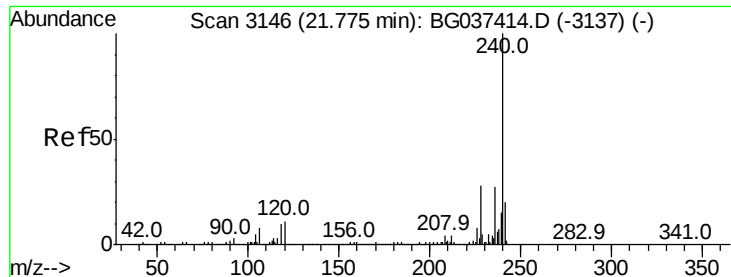
#67
 4-Bromophenyl-phenylether
 Concen: 3.351 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037749.D
 Acq: 2 Nov 2018 10:49

Tgt Ion:248 Resp: 16771
 Ion Ratio Lower Upper
 248 100
 250 193.5 77.0 115.6#
 141 391.6 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: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037749.D

Acq: 2 Nov 2018 10:49

Instrument :

BNA_G

ClientSampleId :

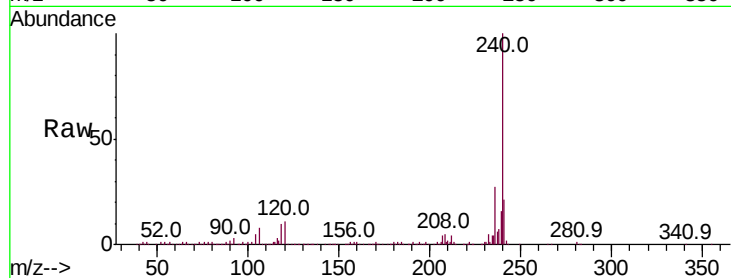
Tot Ion:240 Resp: 409665

Ion Ratio Lower Upper

240 100

120 11.0 8.1 12.1

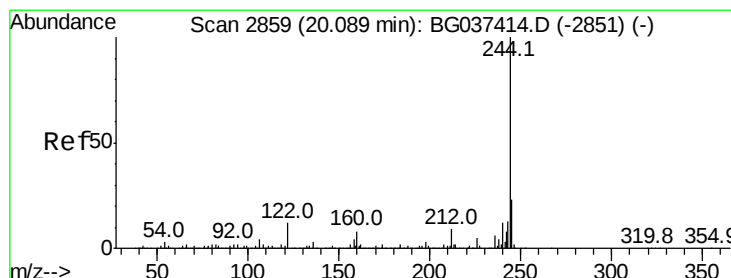
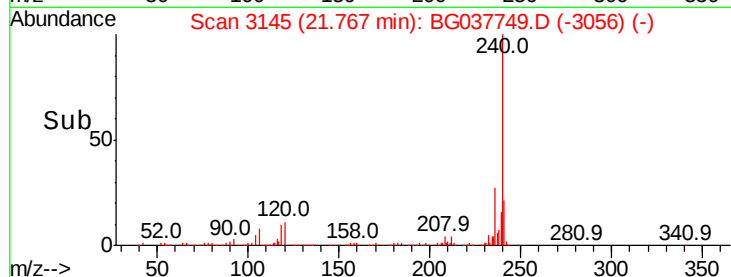
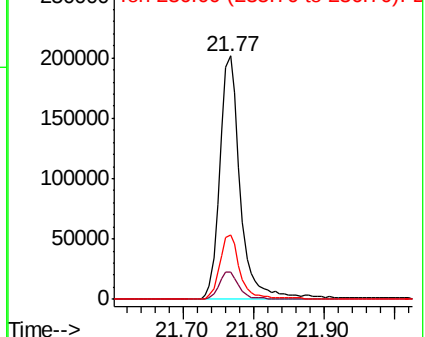
236 26.6 21.4 32.0



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: 82.885 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037749.D

Acq: 2 Nov 2018 10:49

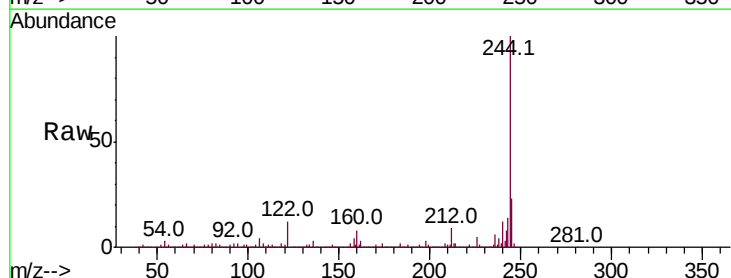
Tgt Ion:244 Resp: 1589084

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

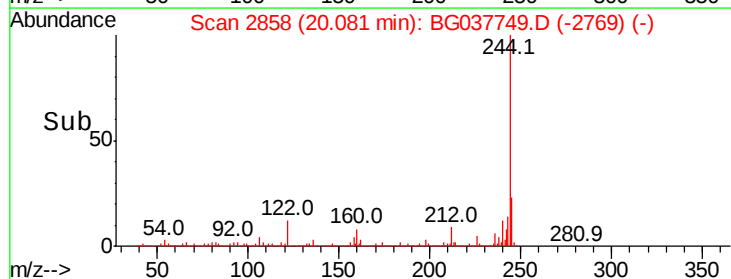
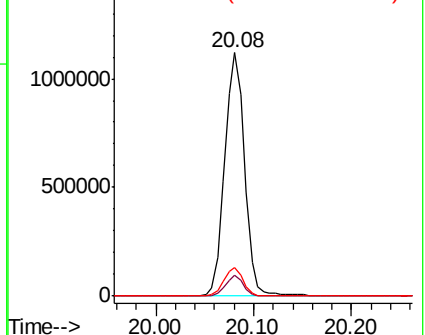
122 11.9 9.0 13.4

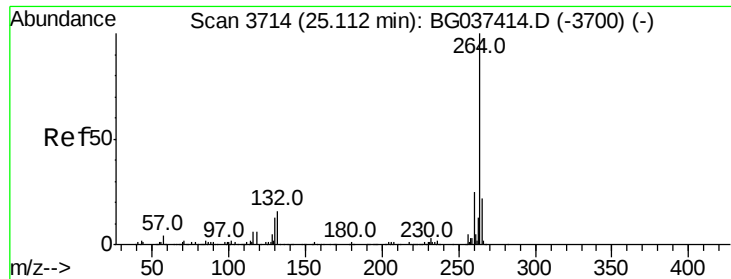


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

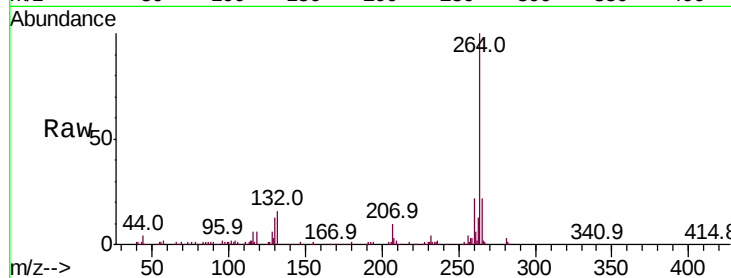




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.10 min Scan# 3713
 Delta R.T. -0.01 min
 Lab File: BG037749.D
 Acq: 2 Nov 2018 10:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.4
265	21.8	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

