

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
 Data File : BG037746.D
 Acq On : 2 Nov 2018 8:52
 Operator : JU/SJ
 Sample : J5741-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 02 14:25:08 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

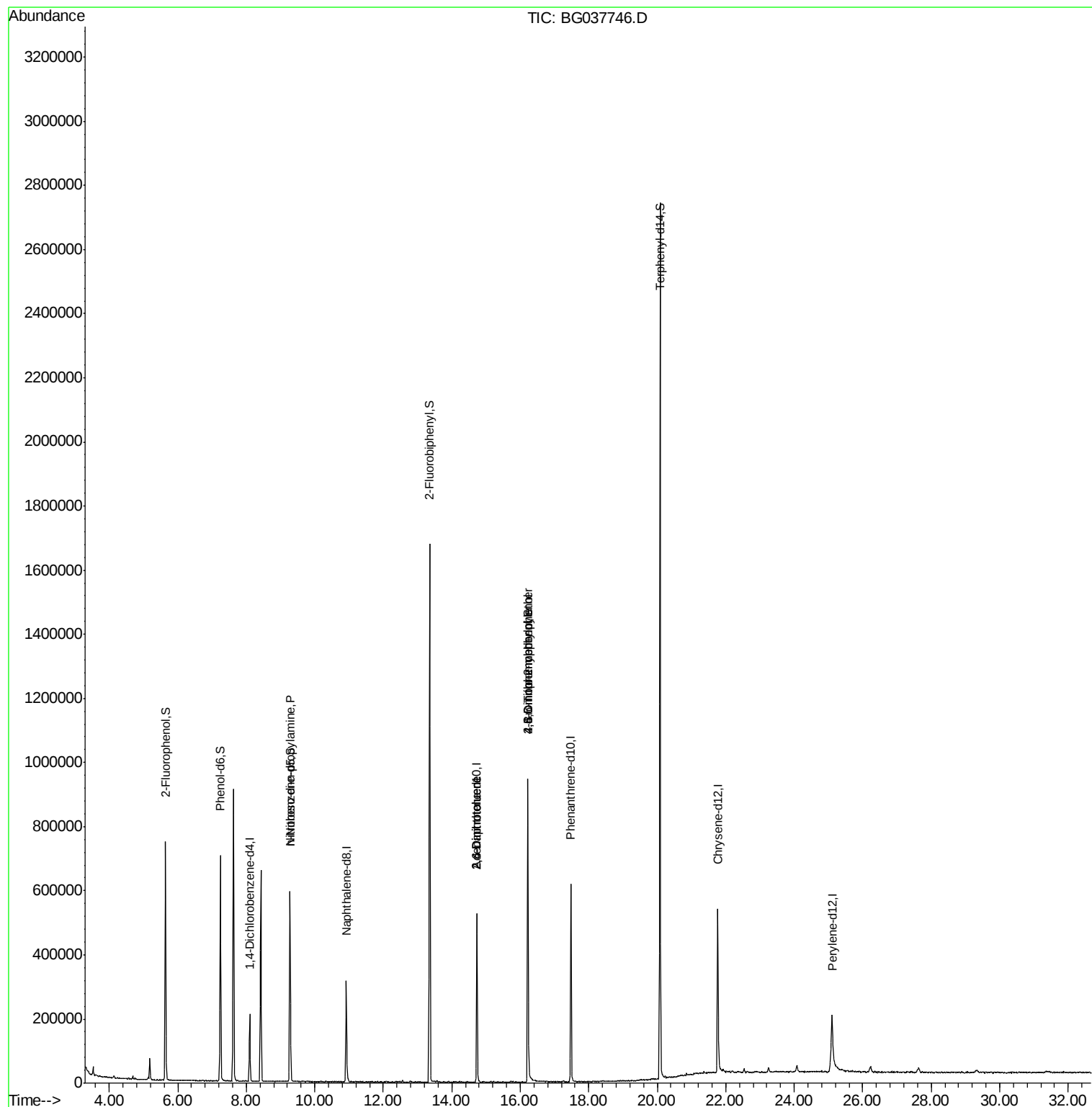
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	63306	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	288182	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	186618	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	404849	20.00	ng	0.00
76) Chrysene-d12	21.77	240	363030	20.00	ng	0.00
87) Perylene-d12	25.10	264	293899	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	361997	95.60	ng	0.00
7) Phenol-d6	7.24	99	457323	79.87	ng	0.00
23) Nitrobenzene-d5	9.27	82	386412	75.11	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	189912	93.30	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	935397	75.58	ng	-0.02
79) Terphenyl-d14	20.08	244	1356506	79.84	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	50381	12.778	ng	# 69
51) 2,6-Dinitrotoluene	14.73	165	24312	7.612	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	24312	5.799	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.21	198	515	8.707	ng	75
67) 4-Bromophenyl-phenylether	16.22	248	13366	3.006	ng	# 1

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

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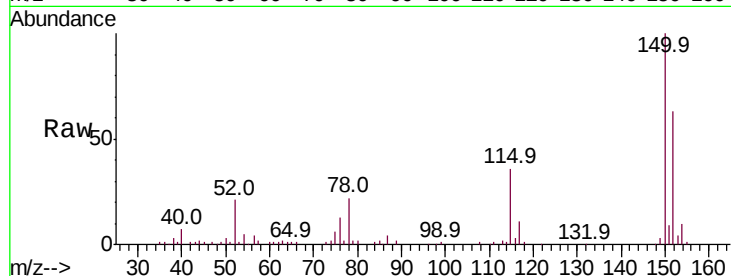


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037746.D
Acq: 2 Nov 2018 8:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.0	189.0
115	56.7	45.5	68.3

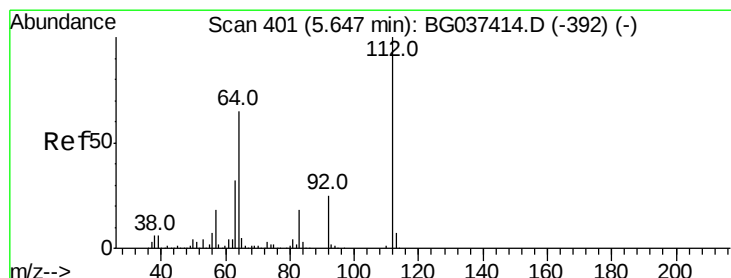
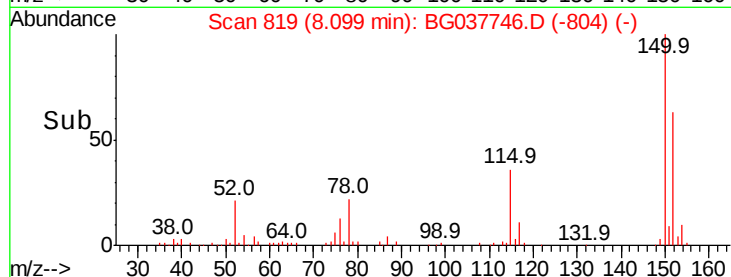
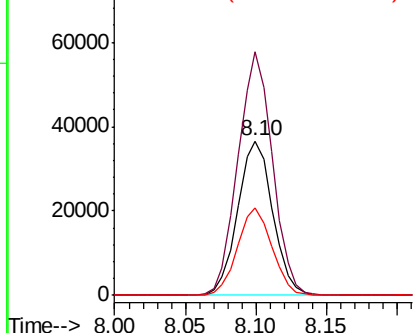


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

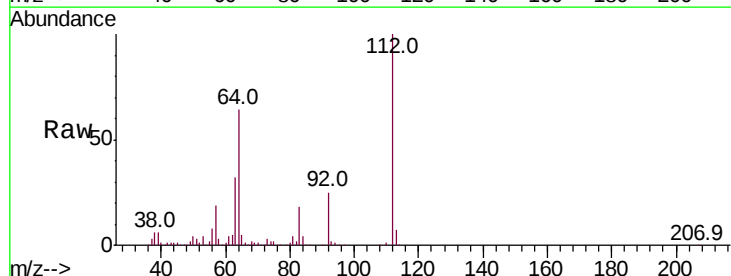
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 95.600 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037746.D
Acq: 2 Nov 2018 8:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.4	53.1	79.7
63	31.8	27.3	40.9

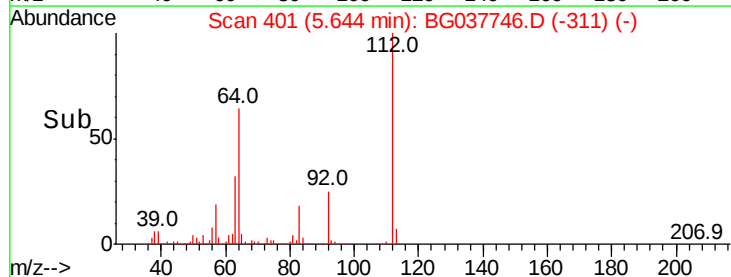
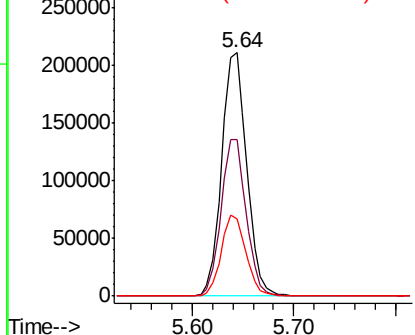


Abundance

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: 79.871 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037746.D

Acq: 2 Nov 2018 8:52

Instrument :

BNA_G

ClientSampleId :

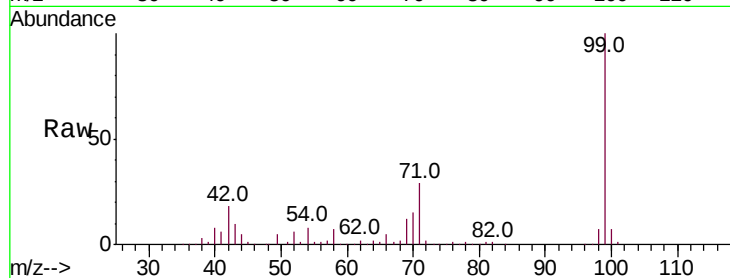
Tot Ion: 99 Resp: 457323

Ion Ratio Lower Upper

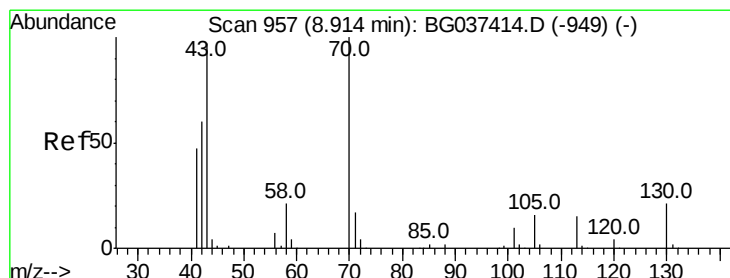
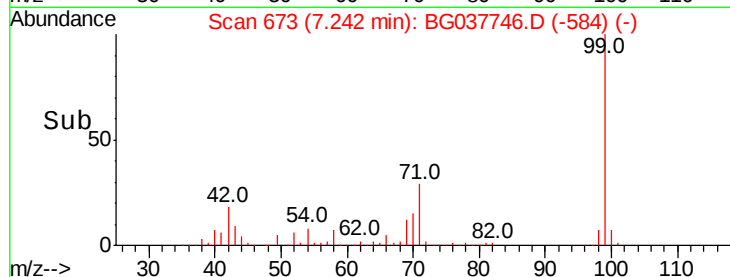
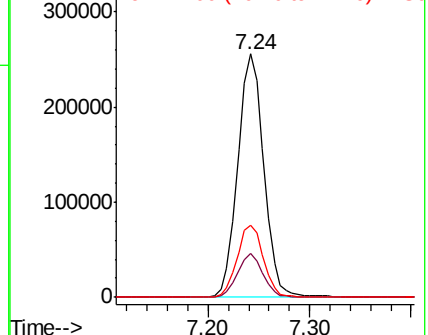
99 100

42 17.9 15.0 22.4

71 29.4 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: 12.778 ng

RT: 9.27 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037746.D

Acq: 2 Nov 2018 8:52

Tgt Ion: 70 Resp: 50381

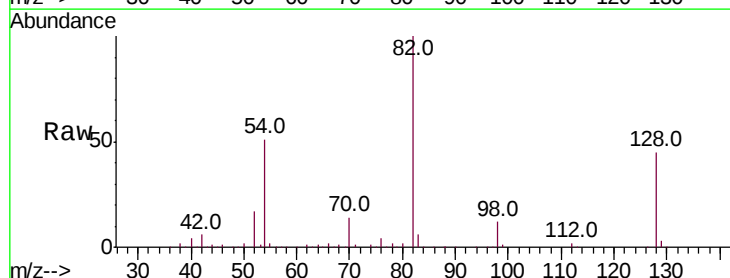
Ion Ratio Lower Upper

70 100

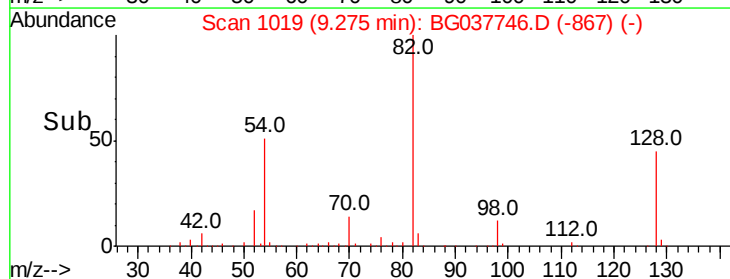
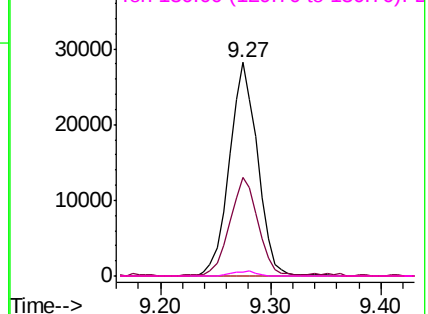
42 45.9 53.9 80.9#

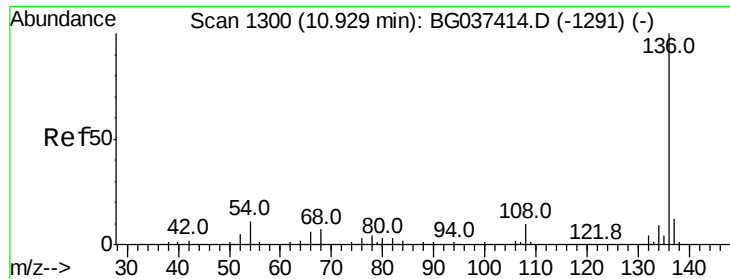
101 0.0 8.2 12.2#

130 1.8 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

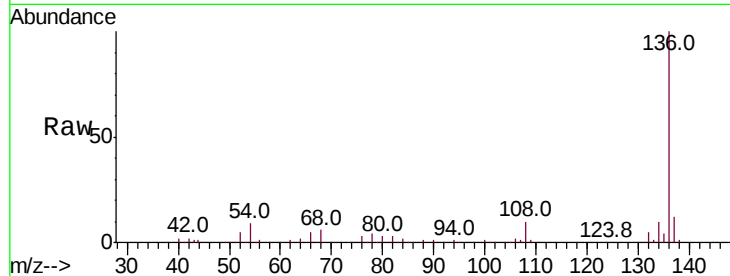




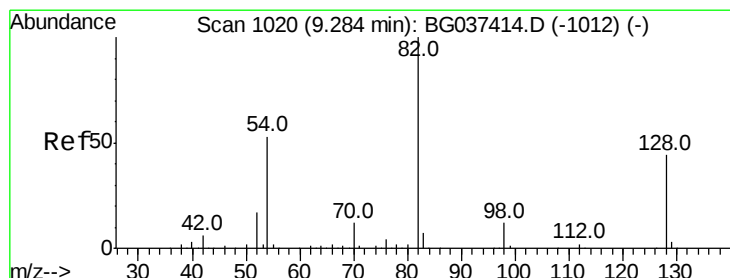
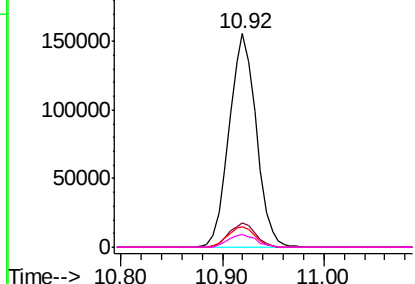
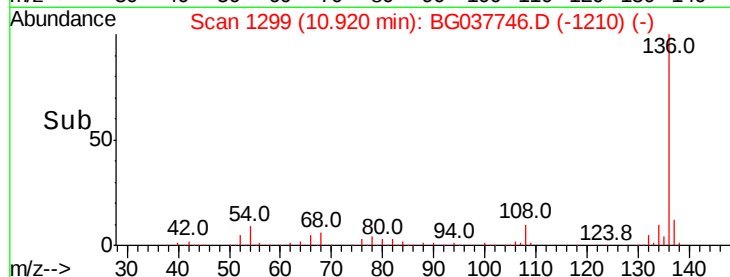
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037746.D
Acq: 2 Nov 2018 8:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	288182
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	9.3	7.9	11.9
68	6.2	4.8	7.2

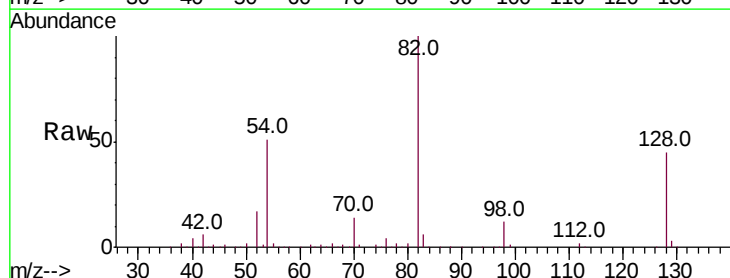


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

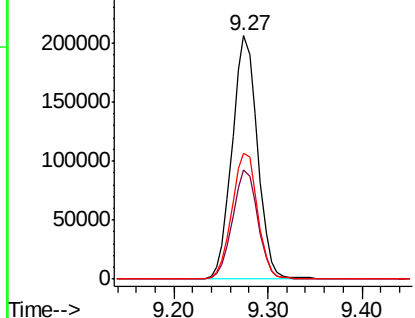
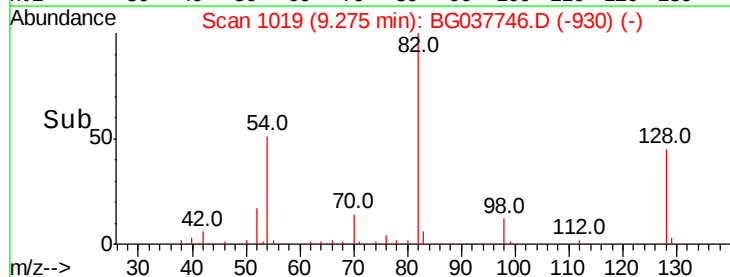


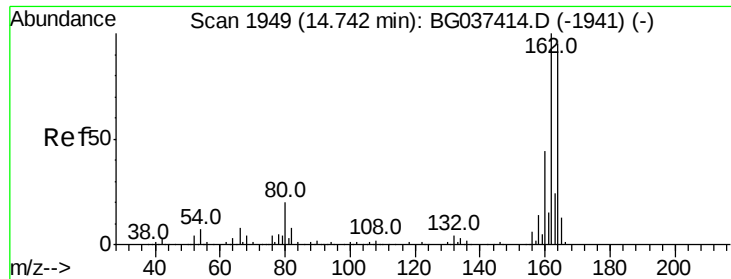
#23
Nitrobenzene-d5
Concen: 75.114 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037746.D
Acq: 2 Nov 2018 8:52

Tgt Ion:	82	Resp:	386412
Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.6	51.8
54	51.4	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: BG037746.D

Acq: 2 Nov 2018 8:52

Instrument :

BNA_G

ClientSampleId :

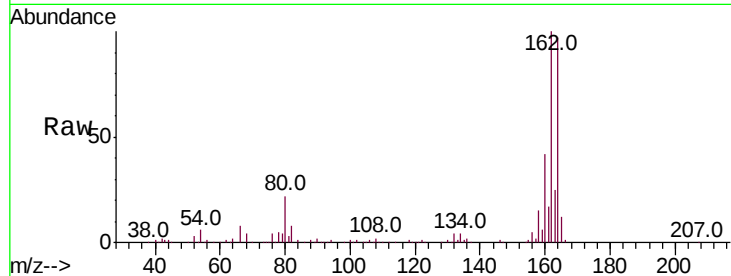
Tot Ion:164 Resp: 186618

Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.3	121.9
160	43.5	36.3	54.5

164 100

162 103.2 81.3 121.9

160 43.5 36.3 54.5

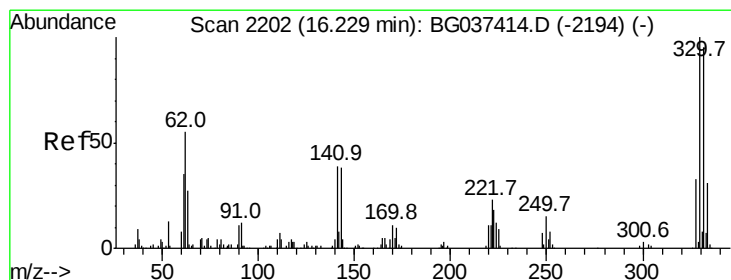
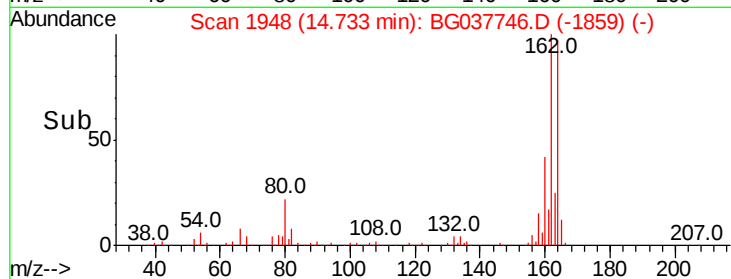
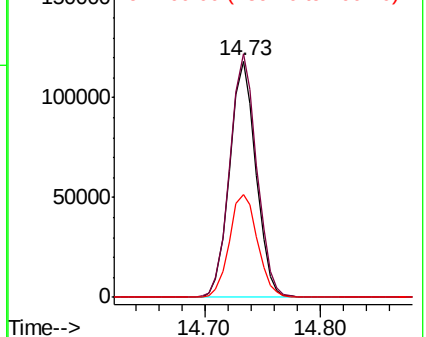


Abundance

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: 93.303 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037746.D

Acq: 2 Nov 2018 8:52

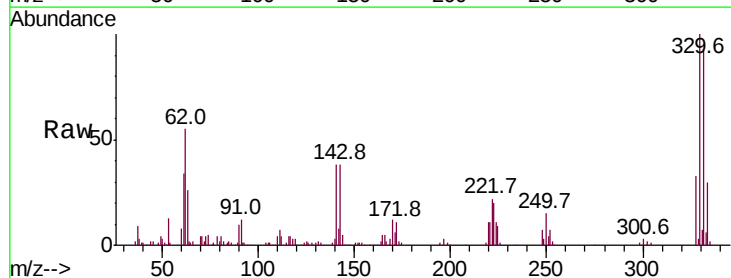
Tgt Ion:330 Resp: 189912

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.4	117.6
141	37.4	32.2	48.2

330 100

332 96.7 78.4 117.6

141 37.4 32.2 48.2

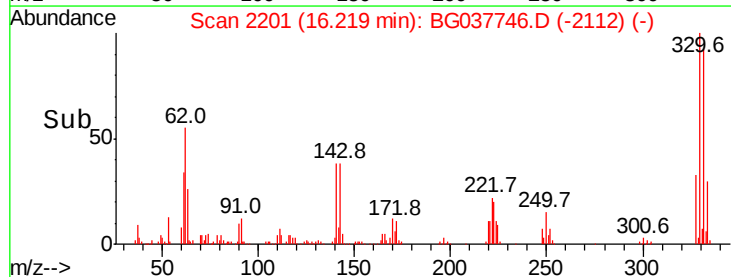
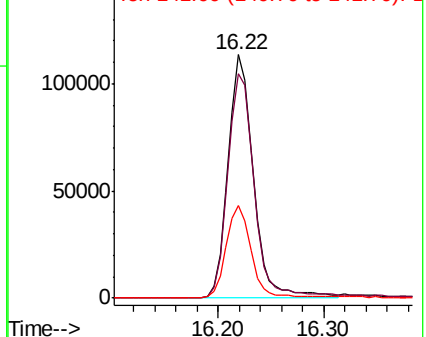


Abundance

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

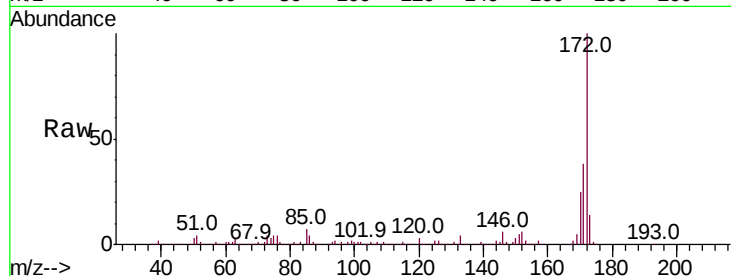




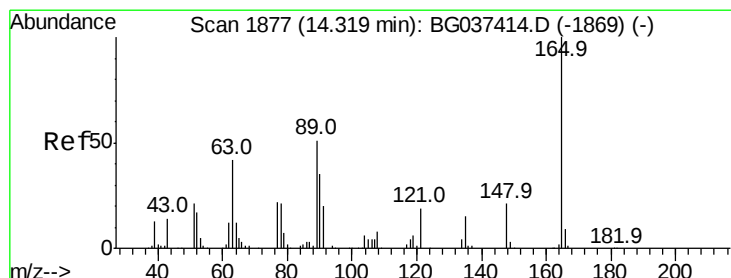
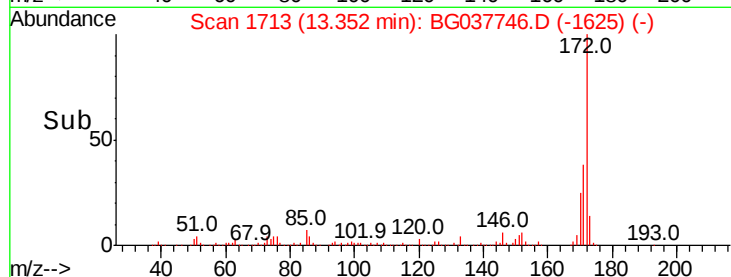
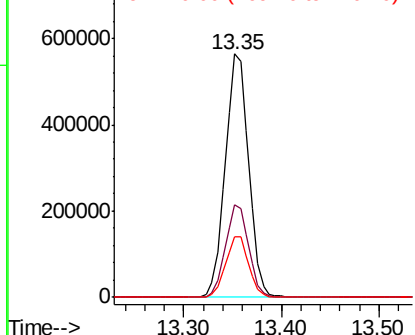
#45
2-Fluorobiphenyl
Concen: 75.584 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.02 min
Lab File: BG037746.D
Acq: 2 Nov 2018 8:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	24.7	20.2	30.2

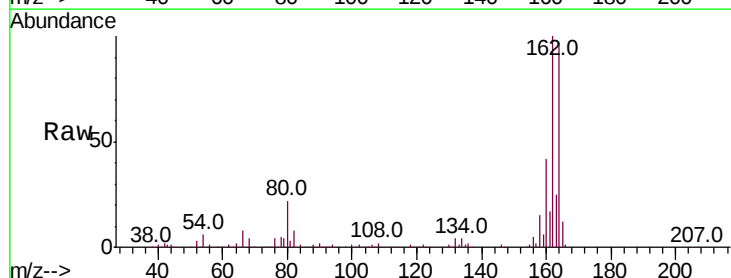


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

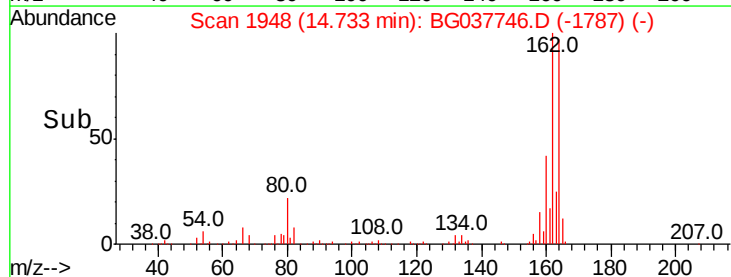
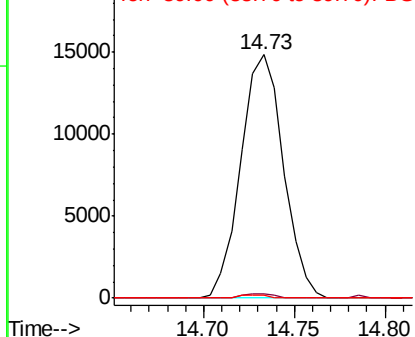


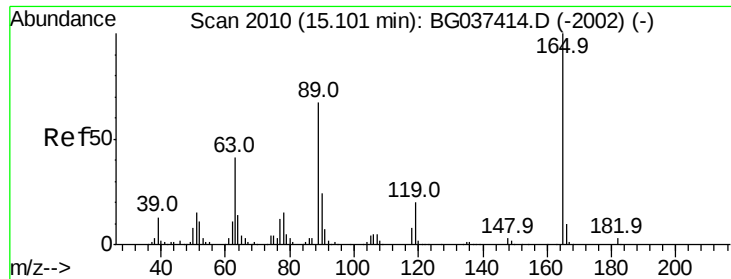
#51
2,6-Dinitrotoluene
Concen: 7.612 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.41 min
Lab File: BG037746.D
Acq: 2 Nov 2018 8:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	43.4	65.2#
89	1.1	45.8	68.6#



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

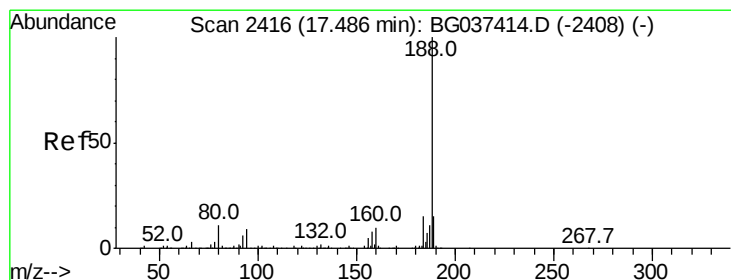
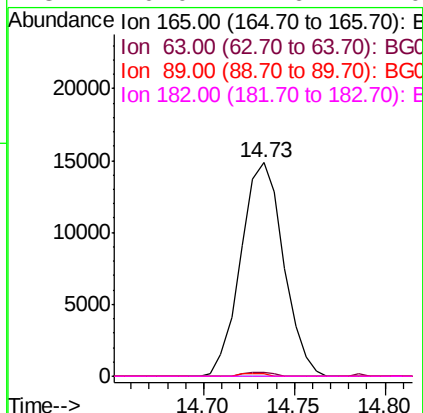
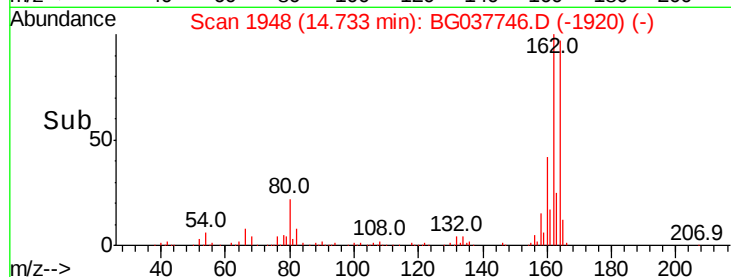
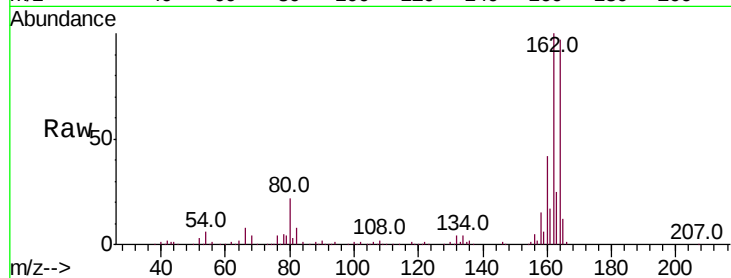




#57
 2,4-Dinitrotoluene
 Concen: 5.799 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037746.D
 Acq: 2 Nov 2018 8:52

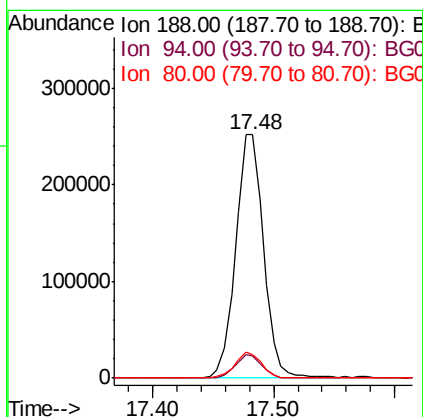
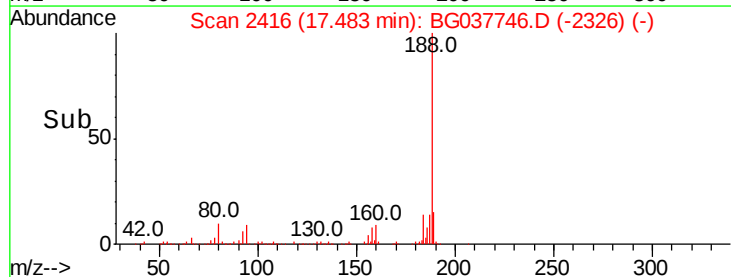
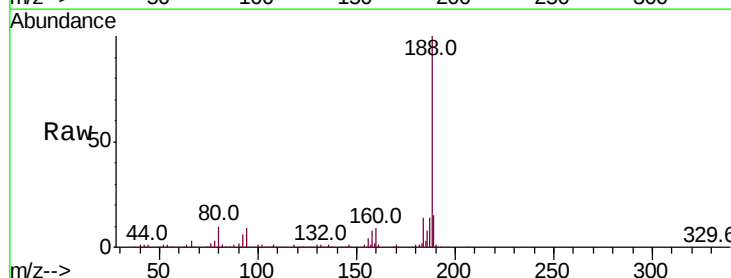
Instrument :
 BNA_G
 ClientSampleId :

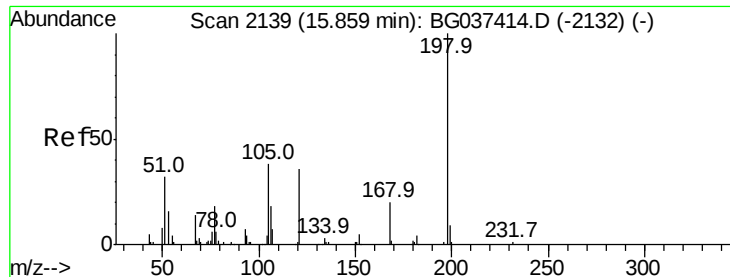
Tot Ion:165 Resp: 24312
 Ion Ratio Lower Upper
 165 100
 63 1.7 33.4 50.0#
 89 1.1 57.2 85.8#
 182 0.0 2.6 4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037746.D
 Acq: 2 Nov 2018 8:52

Tgt Ion:188 Resp: 404849
 Ion Ratio Lower Upper
 188 100
 94 8.9 7.2 10.8
 80 9.7 7.7 11.5

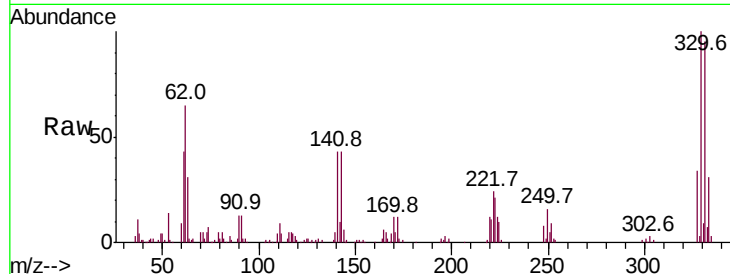




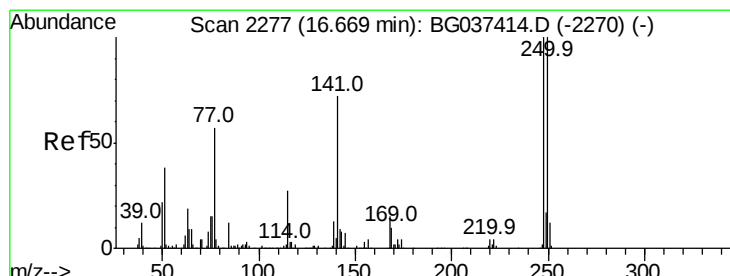
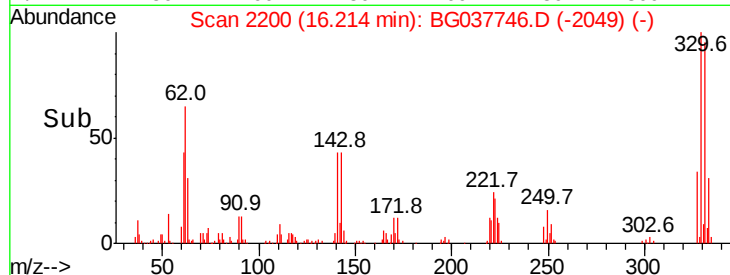
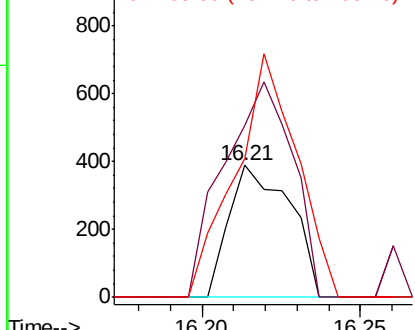
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.707 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. 0.36 min
 Lab File: BG037746.D
 Acq: 2 Nov 2018 8:52

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 515
 Ion Ratio Lower Upper
 198 100
 51 28.4 22.7 62.7
 105 23.0 19.7 59.7

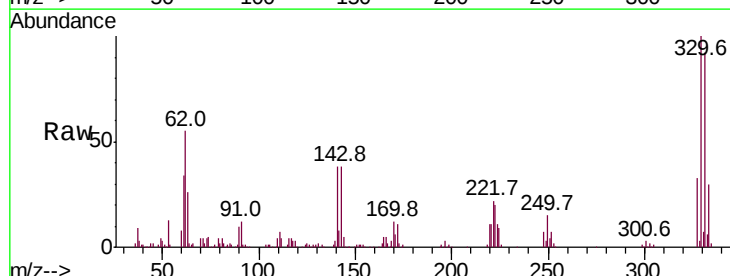


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

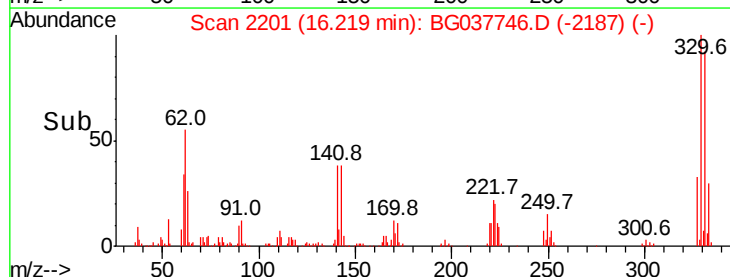
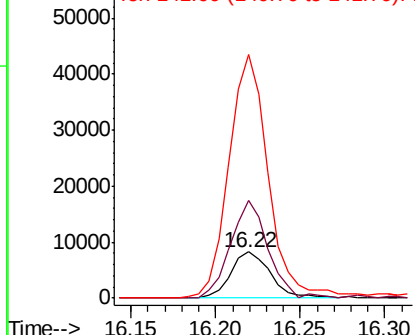


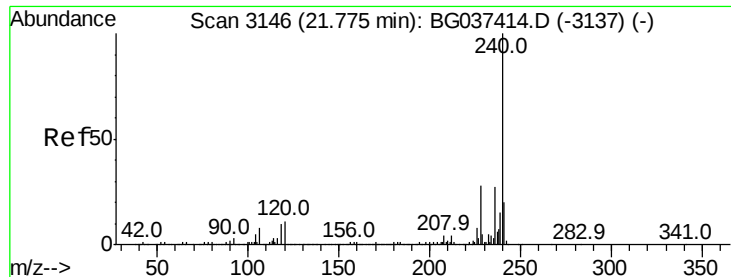
#67
 4-Bromophenyl-phenylether
 Concen: 3.006 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037746.D
 Acq: 2 Nov 2018 8:52

Tgt Ion:248 Resp: 13366
 Ion Ratio Lower Upper
 248 100
 250 202.0 77.0 115.6#
 141 391.2 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: BG037746.D

Acq: 2 Nov 2018 8:52

Instrument :

BNA_G

ClientSampleId :

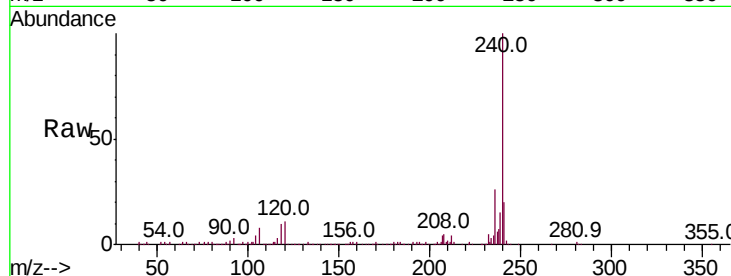
Tot Ion:240 Resp: 363030

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

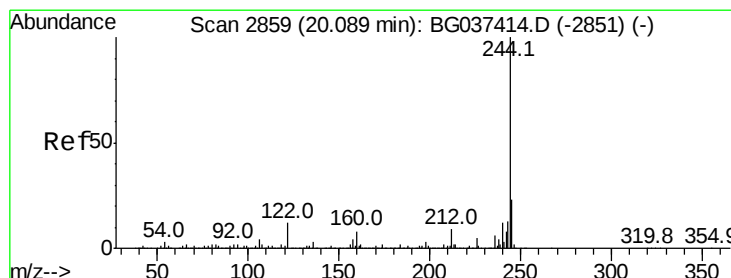
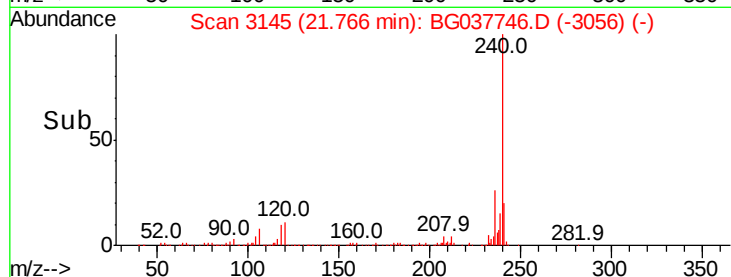
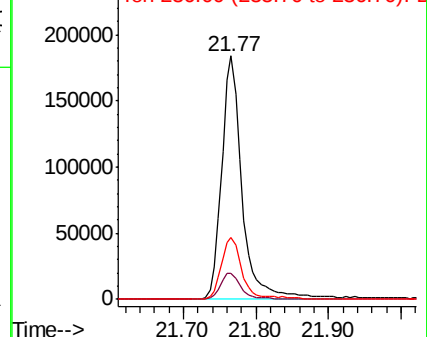
236 25.6 21.4 32.0



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: 79.843 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037746.D

Acq: 2 Nov 2018 8:52

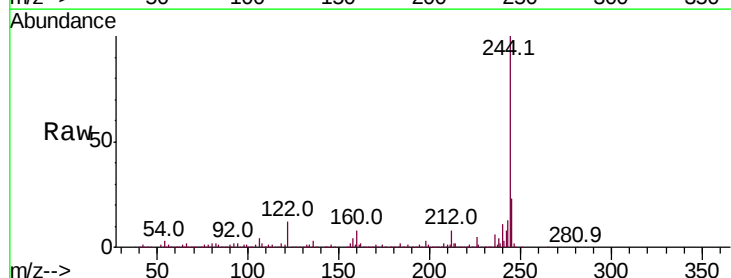
Tgt Ion:244 Resp: 1356506

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

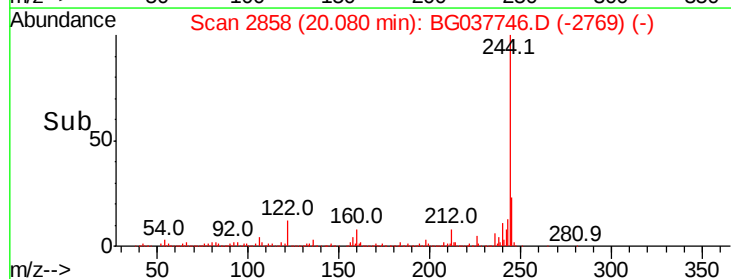
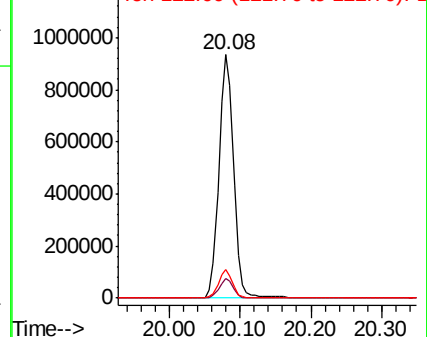
122 11.6 9.0 13.4

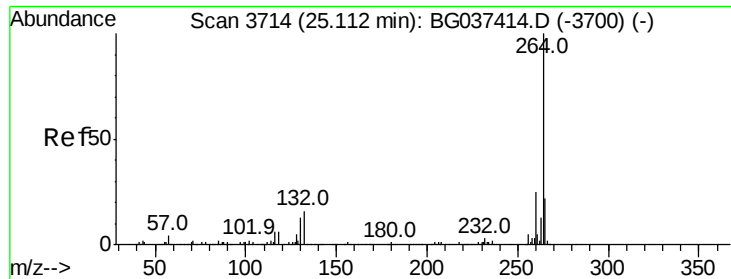


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG037746.D
Acq: 2 Nov 2018 8:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.2	27.4
265	21.1	17.9	26.9

