

Data File : BG037807.D
Acq On : 5 Nov 2018 17:47
Operator : JU/SJ
Sample : J5769-21
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-1

Quant Time: Nov 06 04:15:57 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	8.09	152	59827	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	267714	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	180184	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	390615	20.00	ng	0.00
76) Chrysene-d12	21.75	240	345912	20.00	ng	-0.02
87) Perylene-d12	25.09	264	308007	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	205689	57.48	ng	0.00
7) Phenol-d6	7.24	99	190416	35.19	ng	-0.02
23) Nitrobenzene-d5	9.27	82	410246	85.84	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	236308	120.24	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	1017275	85.13	ng	-0.02
79) Terphenyl-d14	20.07	244	1364402	84.28	ng	-0.02

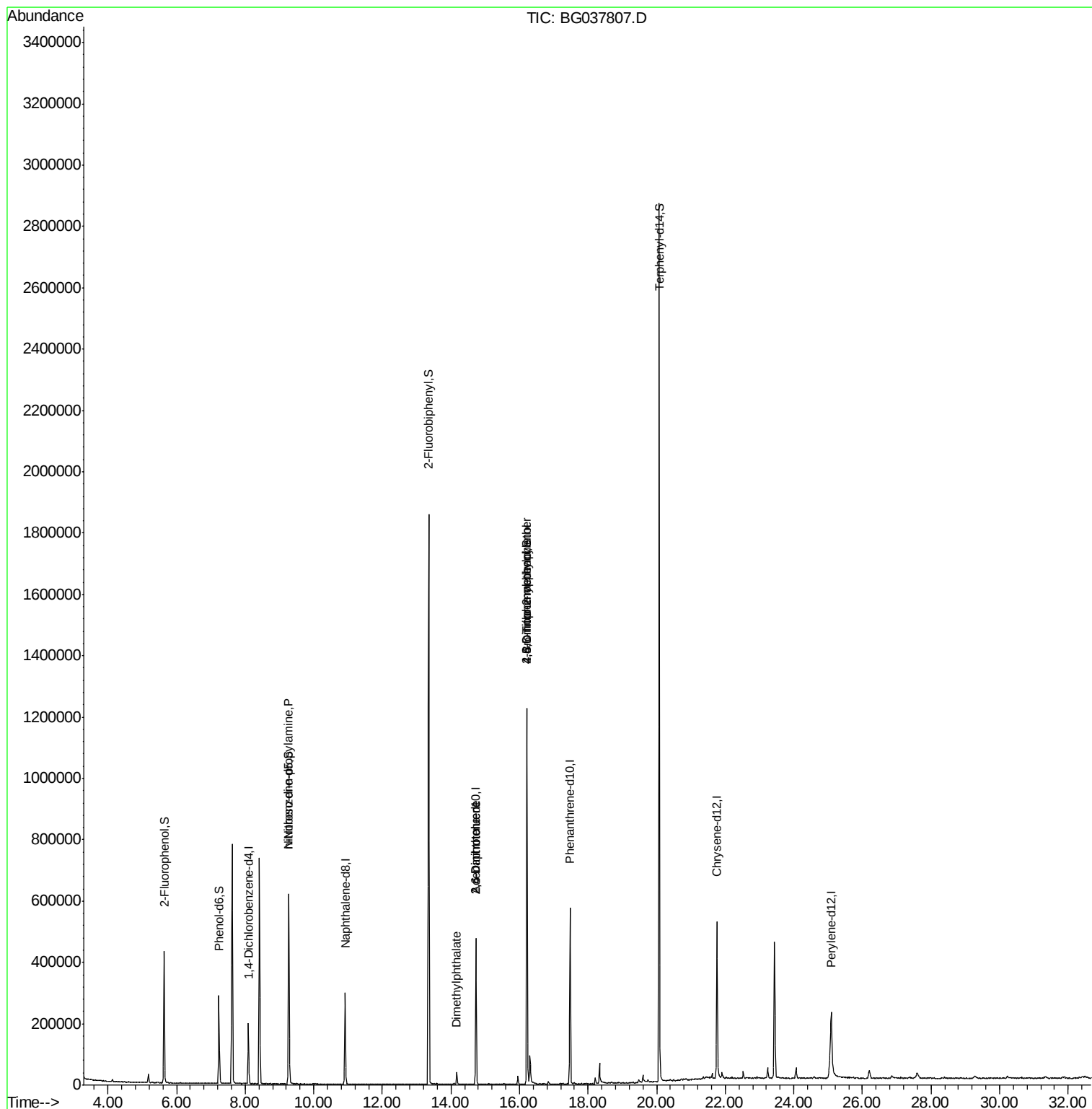
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	9.27	70	51713	13.878	ng	# 68
50) Dimethylphthalate	14.17	163	30414	2.182	ng	# 99
51) 2,6-Dinitrotoluene	14.73	165	22730	7.371	ng	# 23
57) 2,4-Dinitrotoluene	14.73	165	22730	5.615	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.21	198	624	8.758	ng	# 82
67) 4-Bromophenyl-phenylether	16.21	248	16963	3.954	ng	# 1

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

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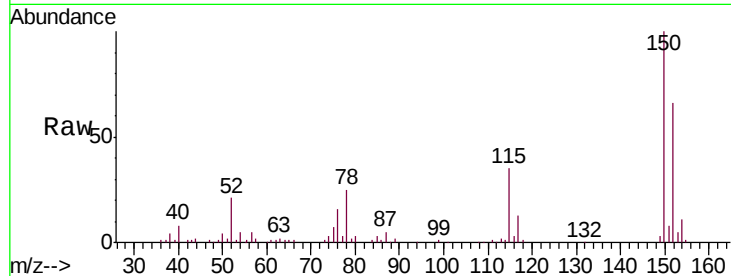


#1

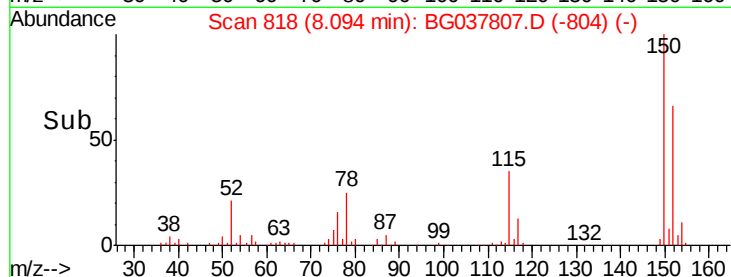
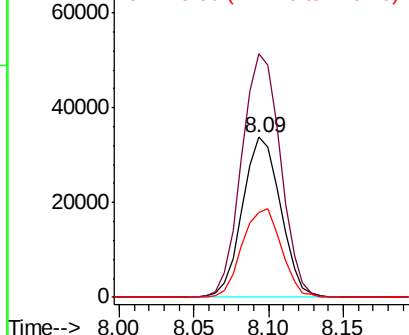
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037807.D
Acq: 5 Nov 2018 17:47

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion:152 Resp: 59827
Ion Ratio Lower Upper
152 100
150 151.8 126.0 189.0
115 52.7 45.5 68.3



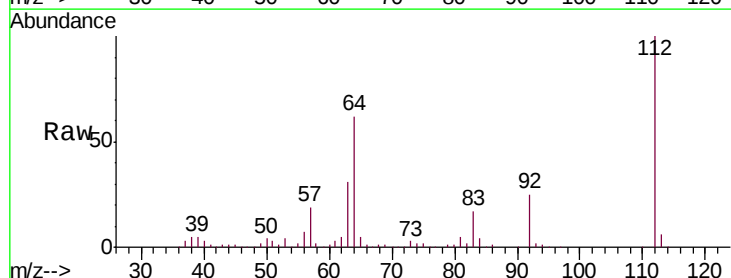
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



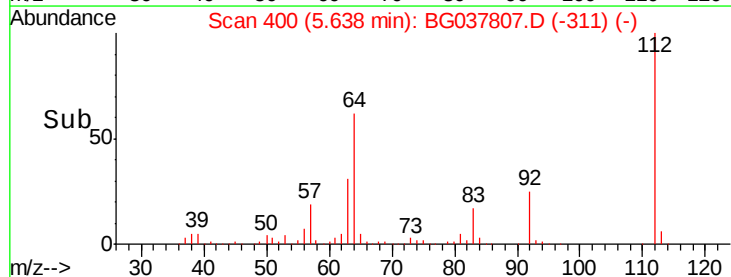
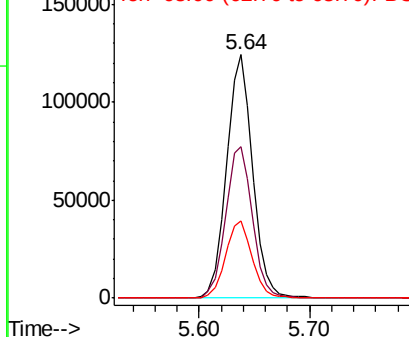
#5

2-Fluorophenol
Concen: 57.479 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037807.D
Acq: 5 Nov 2018 17:47

Tgt Ion:112 Resp: 205689
Ion Ratio Lower Upper
112 100
64 62.5 53.1 79.7
63 31.5 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: 35.190 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG037807.D

Acq: 5 Nov 2018 17:47

Instrument :

BNA_G

ClientSampleId :

MW-1

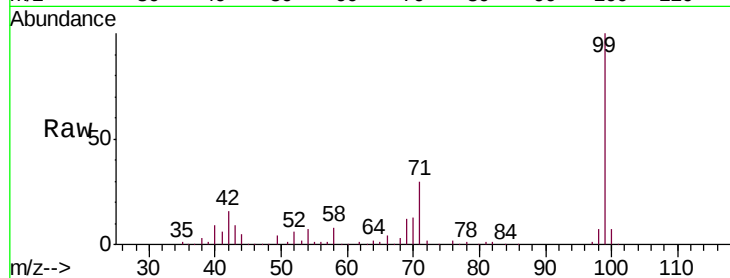
Tgt Ion: 99 Resp: 190416

Ion Ratio Lower Upper

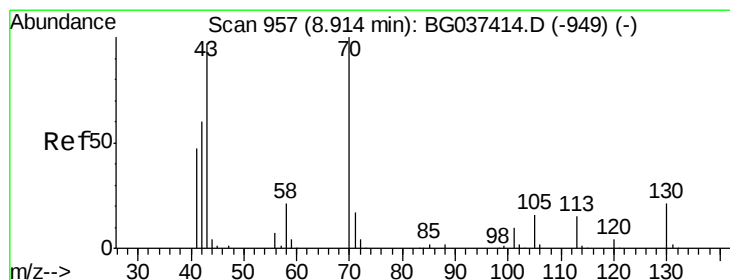
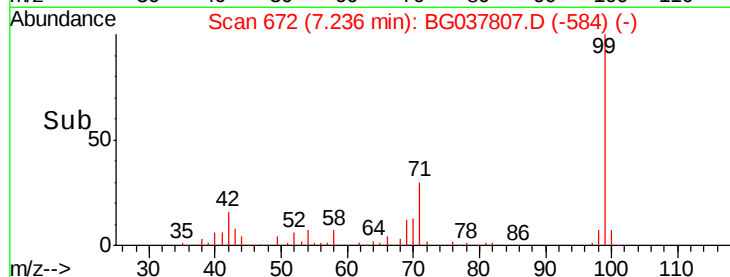
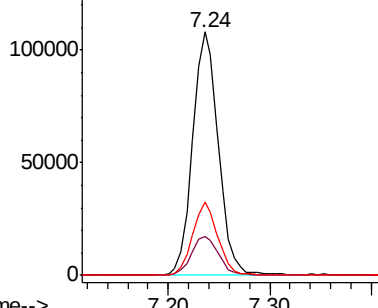
99 100

42 15.9 15.0 22.4

71 30.0 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: 13.878 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.35 min

Lab File: BG037807.D

Acq: 5 Nov 2018 17:47

Tgt Ion: 70 Resp: 51713

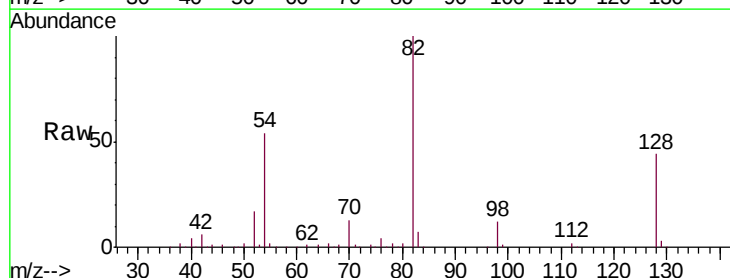
Ion Ratio Lower Upper

70 100

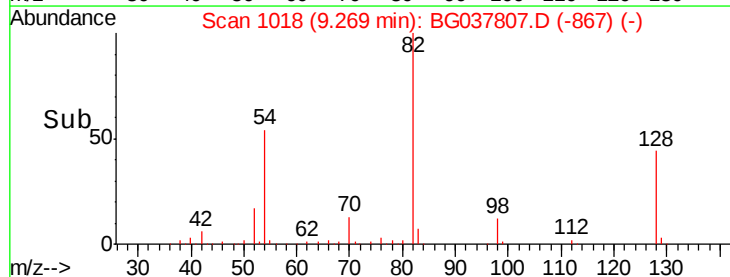
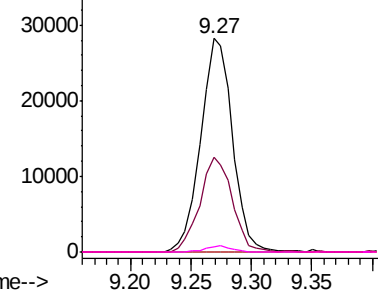
42 44.4 53.9 80.9#

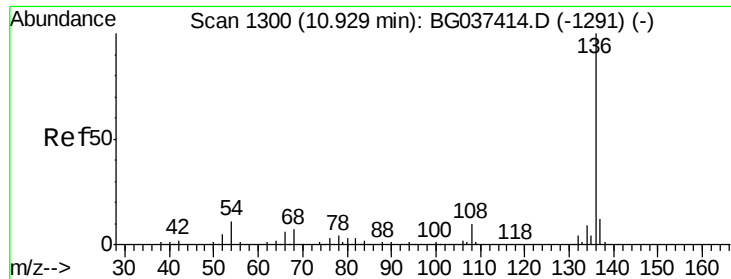
101 0.0 8.2 12.2#

130 2.3 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

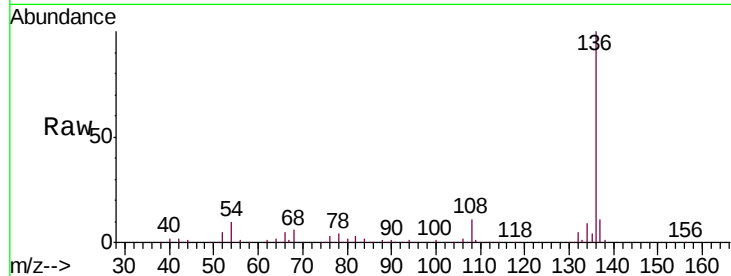




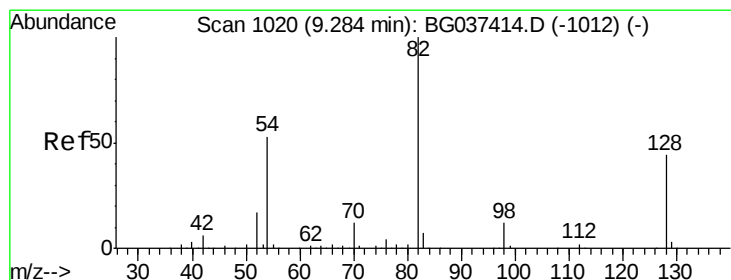
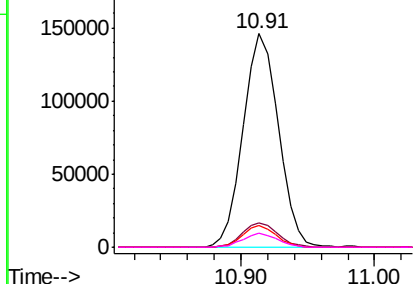
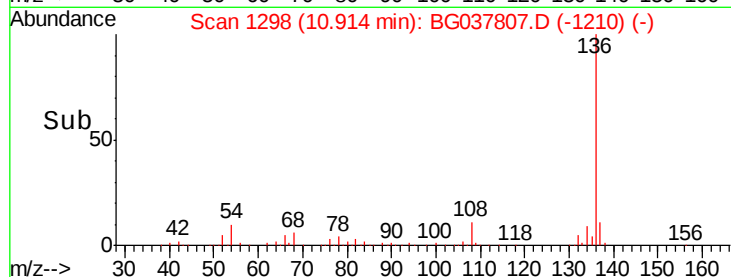
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG037807.D
Acq: 5 Nov 2018 17:47

Instrument :
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Tgt Ion:	136	Resp:	267714
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	10.2	7.9	11.9
68	6.5	4.8	7.2

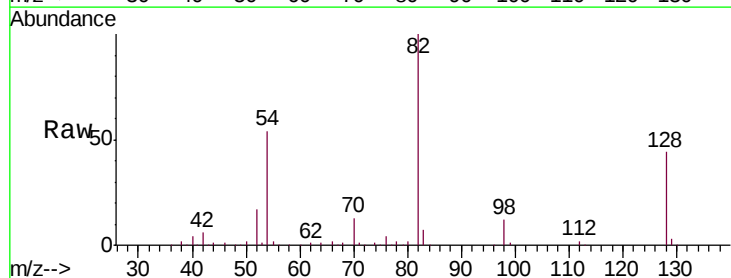


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

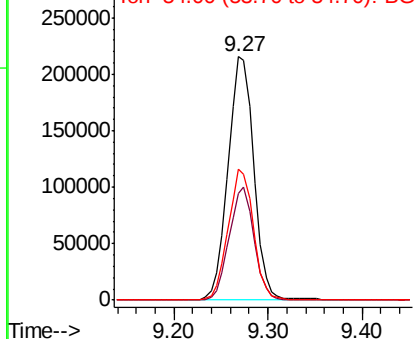
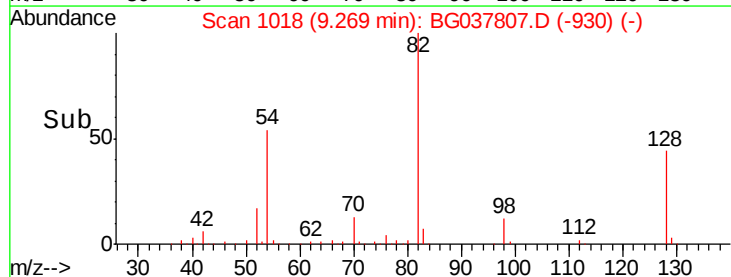


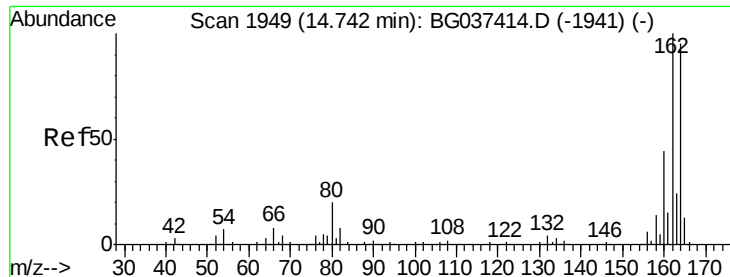
#23
Nitrobenzene-d5
Concen: 85.844 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BG037807.D
Acq: 5 Nov 2018 17:47

Tgt Ion:	82	Resp:	410246
Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.6	51.8
54	53.9	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. -0.02 min

Lab File: BG037807.D

Acq: 5 Nov 2018 17:47

Instrument :

BNA_G

ClientSampleId :

MW-1

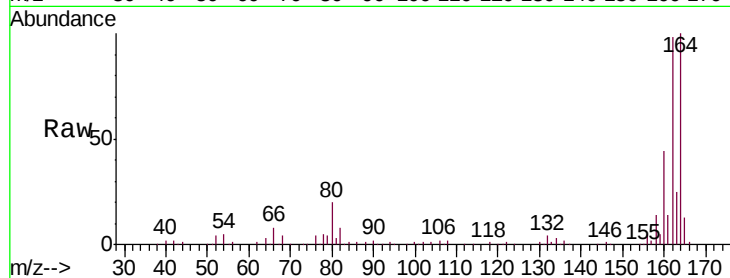
Tgt Ion:164 Resp: 180184

Ion Ratio Lower Upper

164 100

162 98.4 81.3 121.9

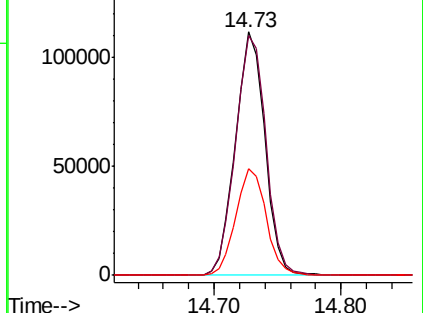
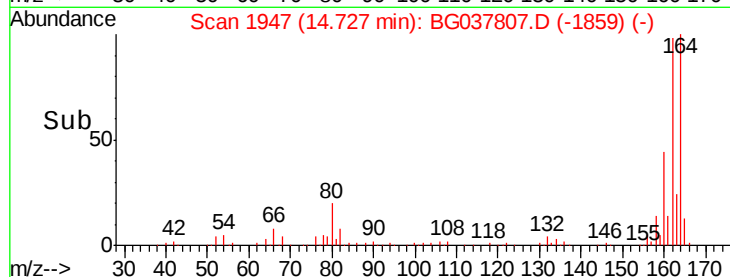
160 43.7 36.3 54.5



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: 120.243 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BG037807.D

Acq: 5 Nov 2018 17:47

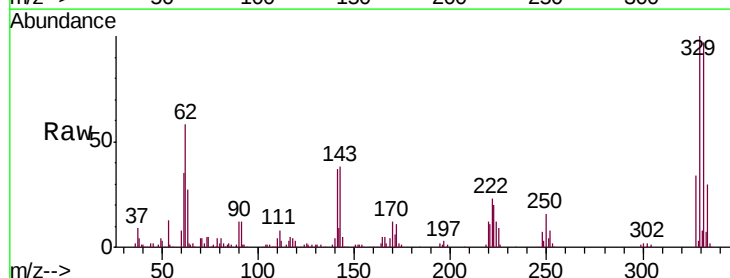
Tgt Ion:330 Resp: 236308

Ion Ratio Lower Upper

330 100

332 95.1 78.4 117.6

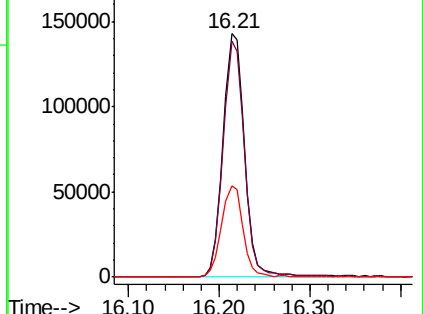
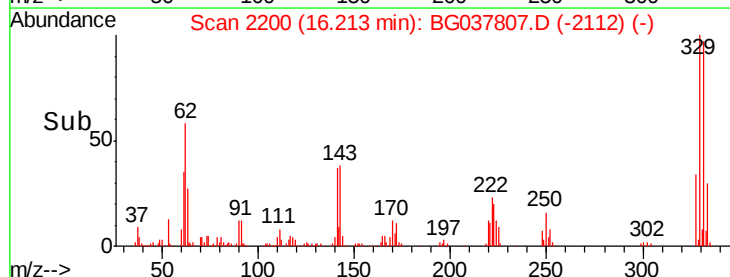
141 37.5 32.2 48.2



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

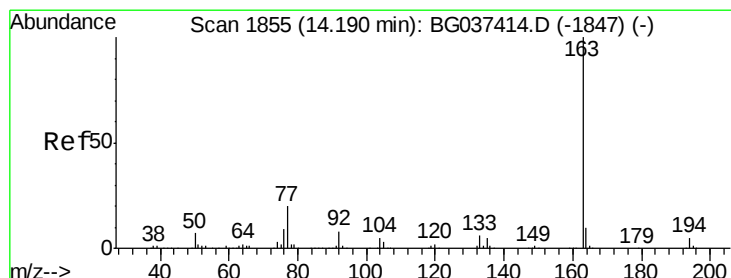
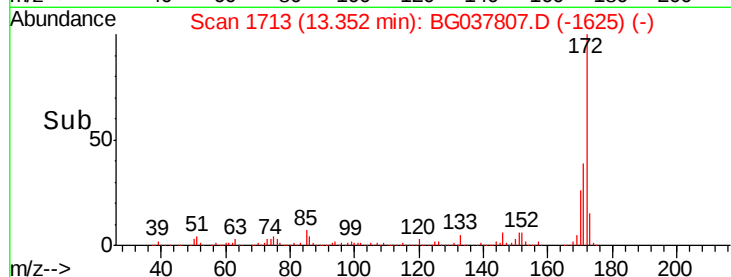
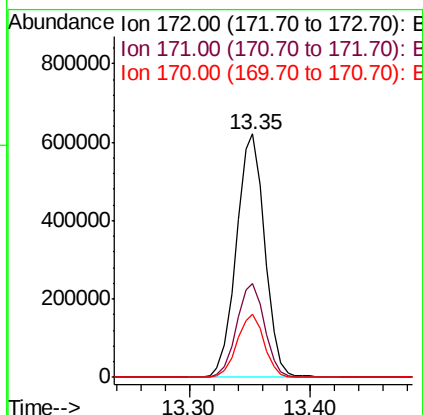
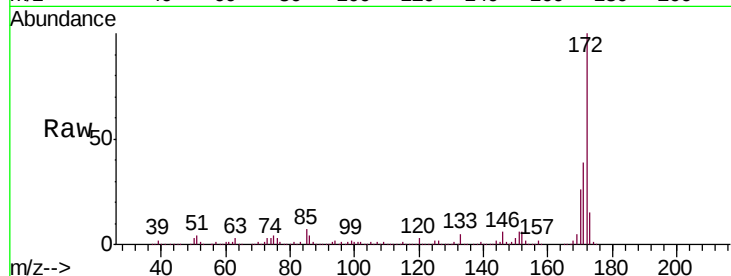




#45
 2-Fluorobiphenyl
 Concen: 85.135 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.02 min
 Lab File: BG037807.D
 Acq: 5 Nov 2018 17:47

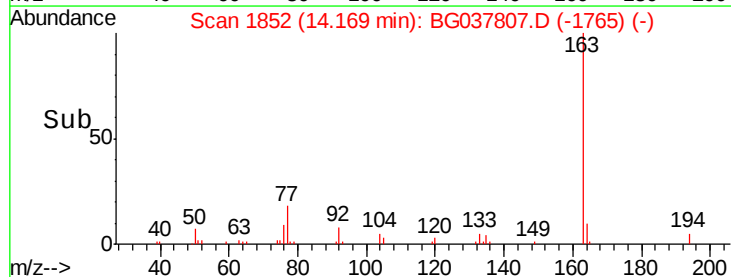
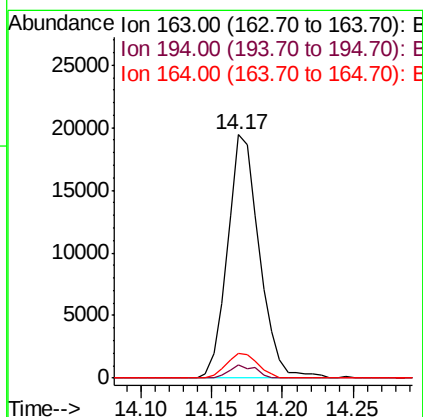
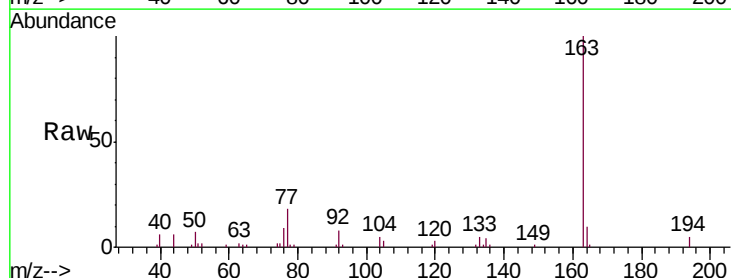
Instrument :
 BNA_G
 ClientSampleId :
 MW-1

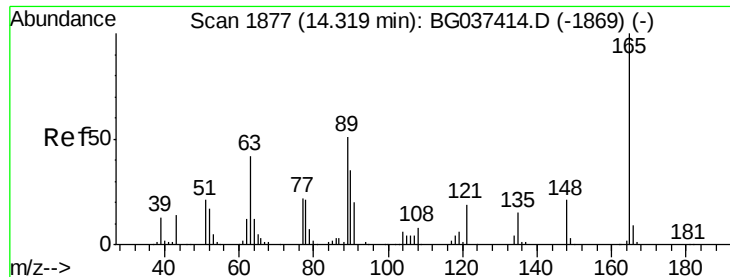
Tgt Ion:172 Resp: 1017275
 Ion Ratio Lower Upper
 172 100
 171 38.6 31.0 46.4
 170 25.7 20.2 30.2



#50
 Dimethylphthalate
 Concen: 2.182 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.02 min
 Lab File: BG037807.D
 Acq: 5 Nov 2018 17:47

Tgt Ion:163 Resp: 30414
 Ion Ratio Lower Upper
 163 100
 194 5.2 3.5 5.3
 164 10.4 8.5 12.7

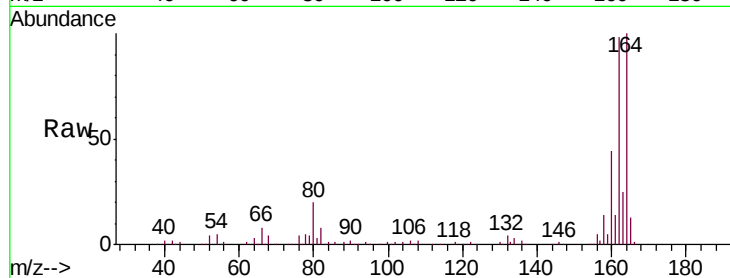




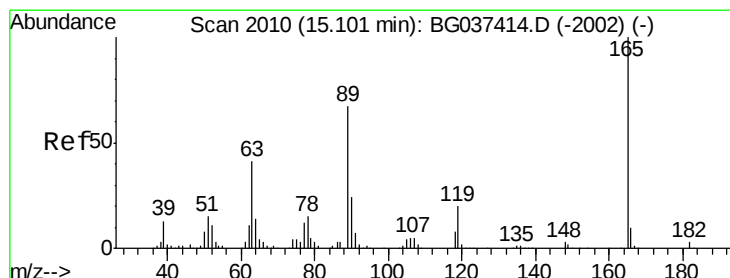
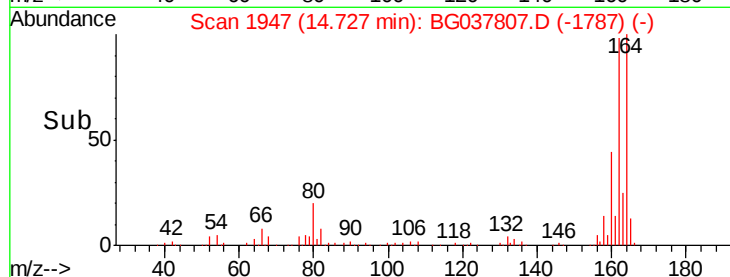
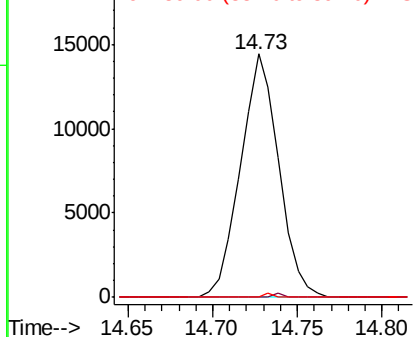
#51
2,6-Dinitrotoluene
Concen: 7.371 ng
RT: 14.73 min Scan# 1947
Delta R.T. 0.41 min
Lab File: BG037807.D
Acq: 5 Nov 2018 17:47

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion:165 Resp: 22730
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.2#
89 0.0 45.8 68.6#

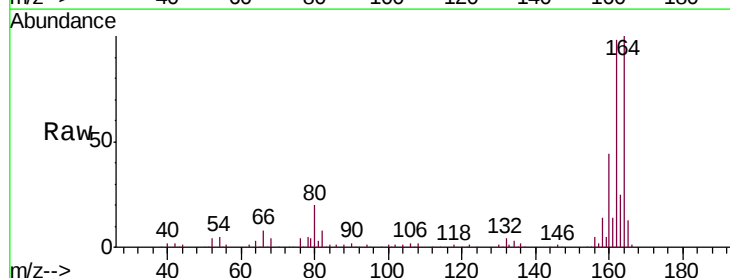


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

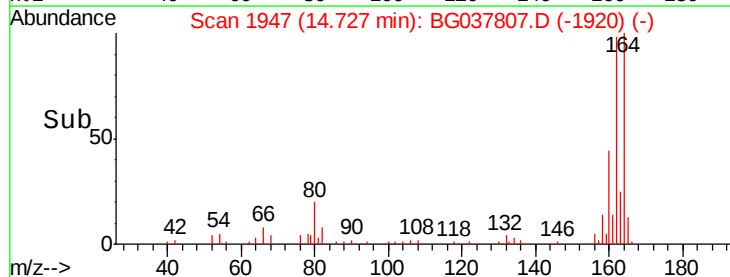
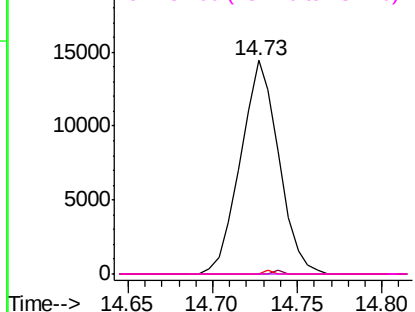


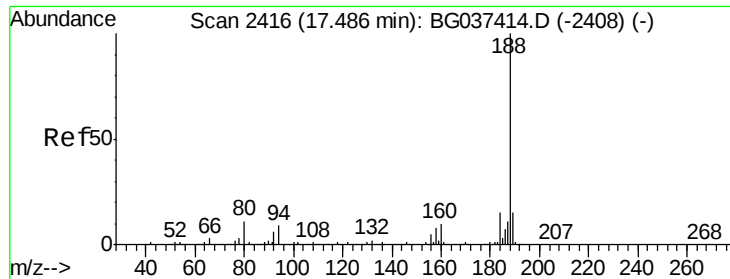
#57
2,4-Dinitrotoluene
Concen: 5.615 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.37 min
Lab File: BG037807.D
Acq: 5 Nov 2018 17:47

Tgt Ion:165 Resp: 22730
Ion Ratio Lower Upper
165 100
63 0.0 33.4 50.0#
89 0.0 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

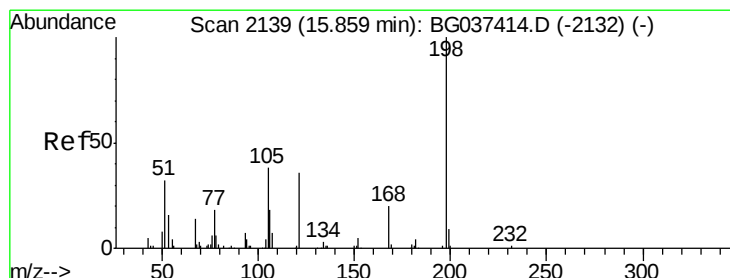
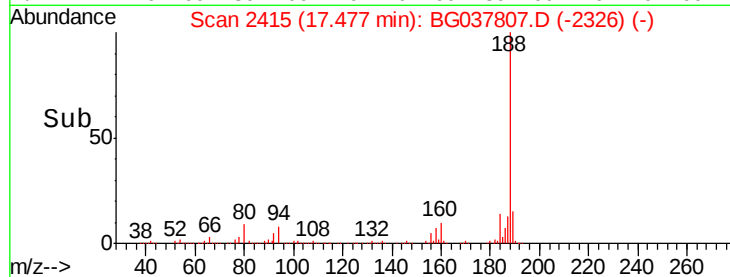
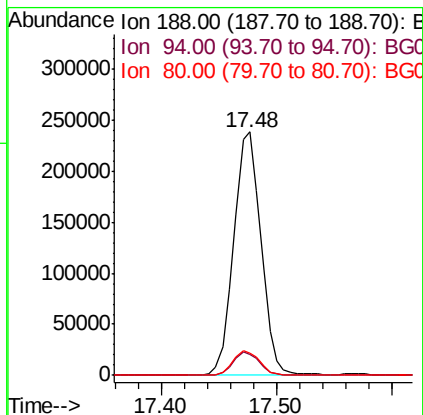
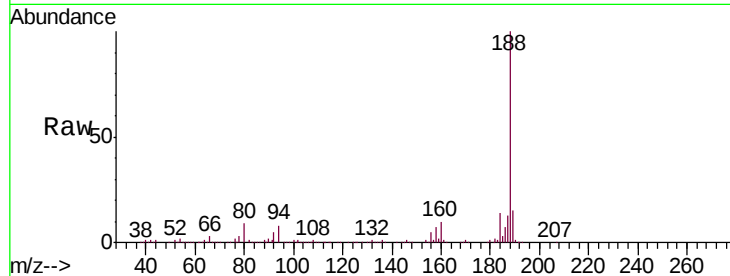




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037807.D
Acq: 5 Nov 2018 17:47

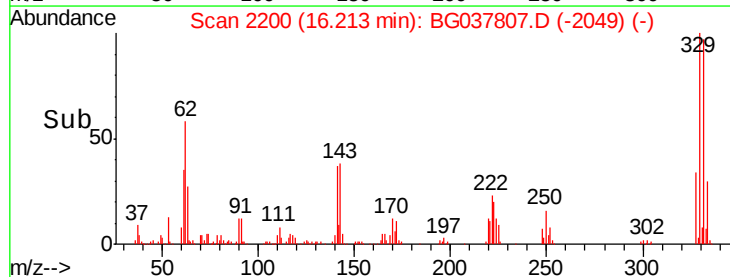
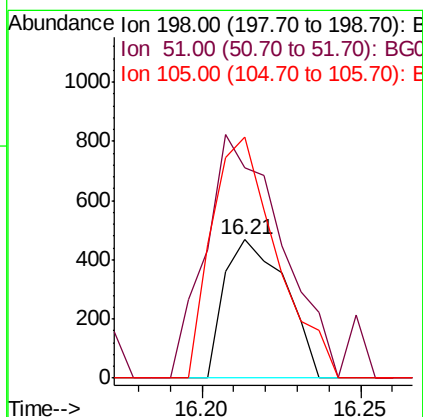
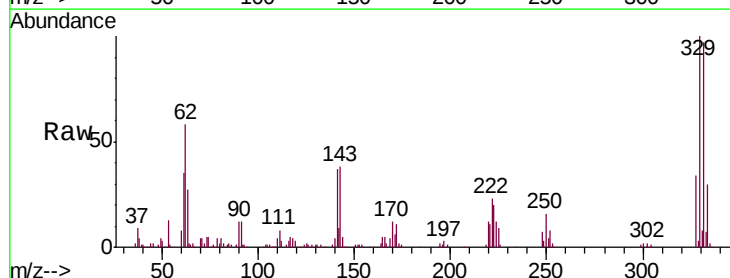
Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion:188 Resp: 390615
Ion Ratio Lower Upper
188 100
94 8.4 7.2 10.8
80 9.2 7.7 11.5



#65
4,6-Dinitro-2-methylphenol
Concen: 8.758 ng
RT: 16.21 min Scan# 2200
Delta R.T. 0.36 min
Lab File: BG037807.D
Acq: 5 Nov 2018 17:47

Tgt Ion:198 Resp: 624
Ion Ratio Lower Upper
198 100
51 27.7 22.7 62.7
105 31.7 19.7 59.7

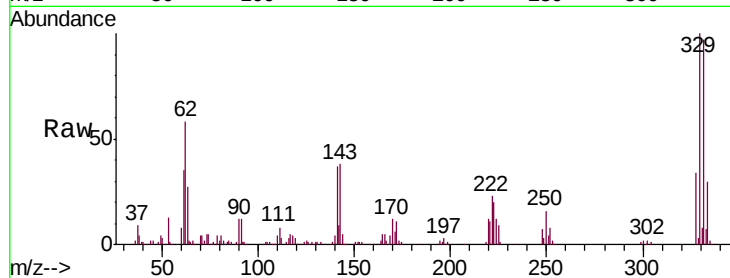




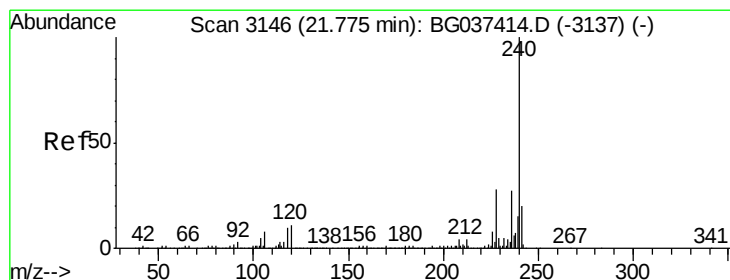
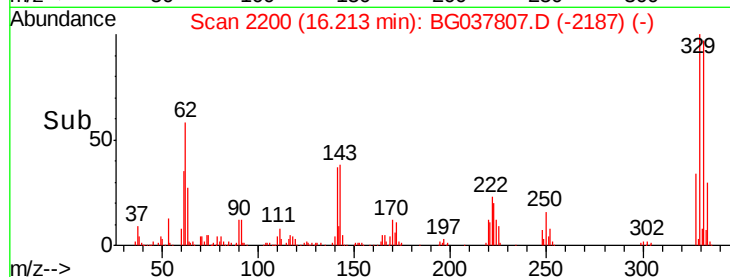
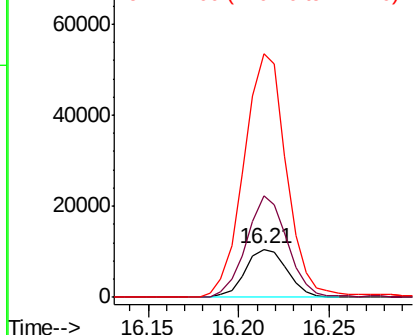
#67
4-Bromophenyl-phenylether
Concen: 3.954 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.46 min
Lab File: BG037807.D
Acq: 5 Nov 2018 17:47

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion:248 Resp: 16963
Ion Ratio Lower Upper
248 100
250 199.0 77.0 115.6#
141 376.4 55.5 83.3#

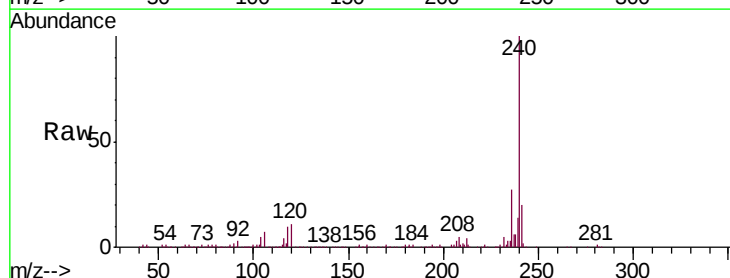


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

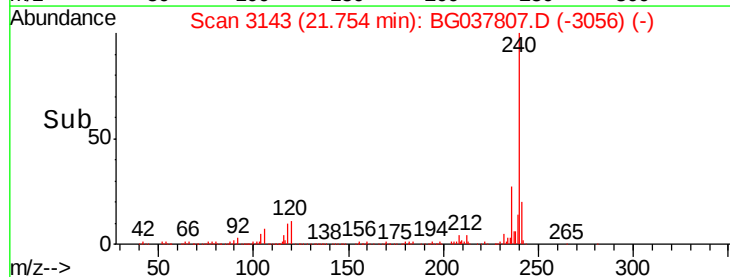
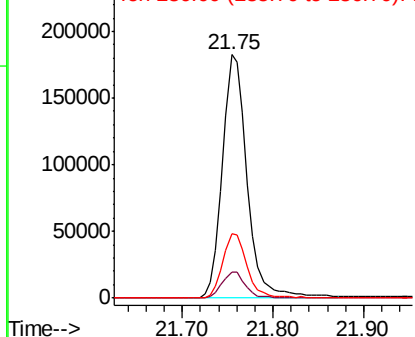


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037807.D
Acq: 5 Nov 2018 17:47

Tgt Ion:240 Resp: 345912
Ion Ratio Lower Upper
240 100
120 10.7 8.1 12.1
236 26.7 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: 84.282 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG037807.D

Acq: 5 Nov 2018 17:47

Instrument :

BNA_G

ClientSampleId :

MW-1

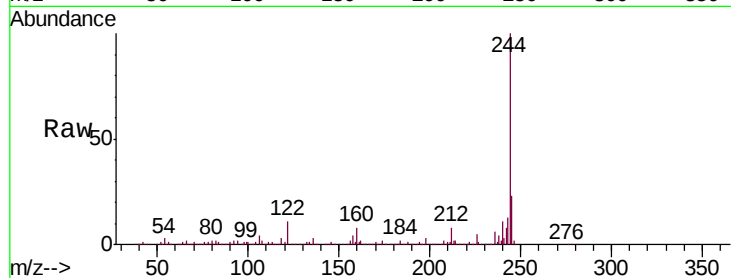
Tgt Ion:244 Resp: 1364402

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

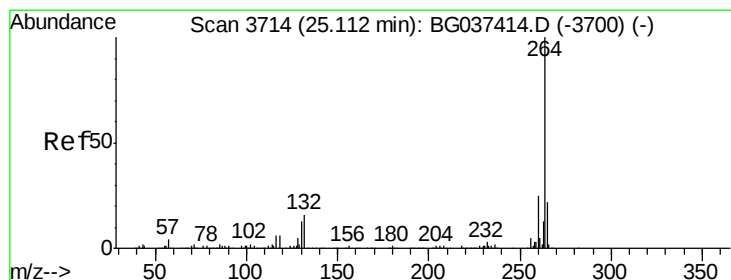
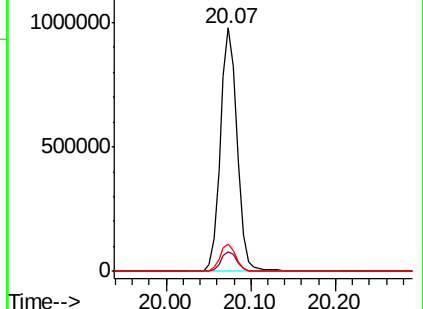
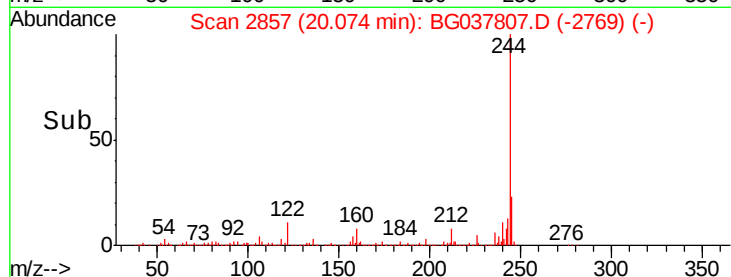
122 11.1 9.0 13.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3710

Delta R.T. -0.03 min

Lab File: BG037807.D

Acq: 5 Nov 2018 17:47

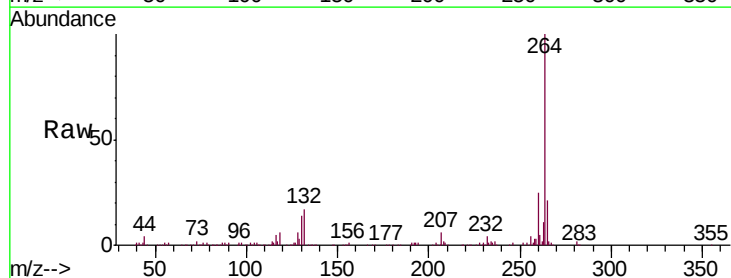
Tgt Ion:264 Resp: 308007

Ion Ratio Lower Upper

264 100

260 24.7 18.2 27.4

265 21.5 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

