

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
 Data File : BG037630.D
 Acq On : 29 Oct 2018 19:48
 Operator : JU/SJ
 Sample : J5691-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 04:43:45 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

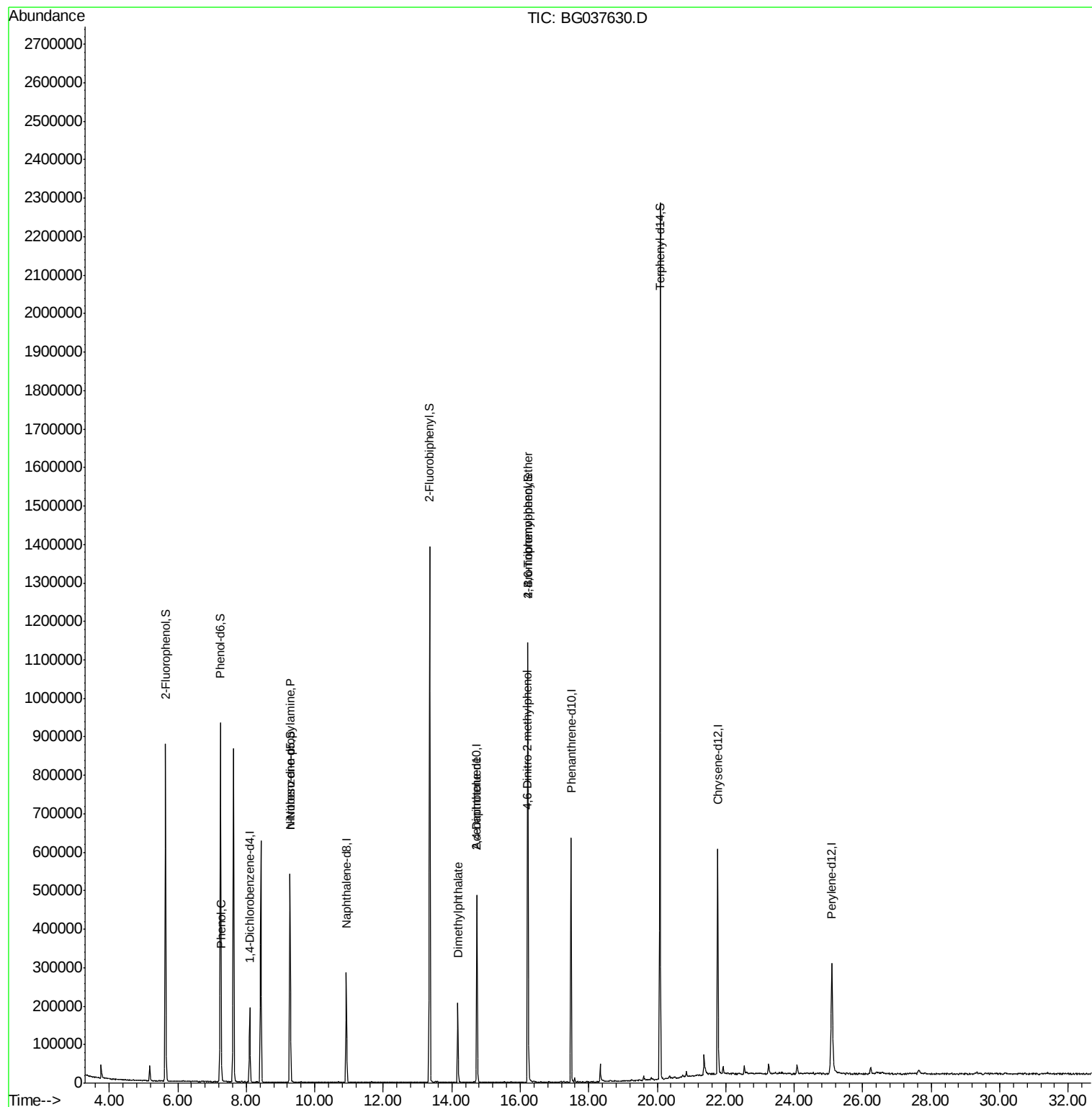
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	57773	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	257009	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	174512	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	406346	20.00	ng	0.00
76) Chrysene-d12	21.77	240	369634	20.00	ng	0.00
87) Perylene-d12	25.10	264	370734	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	409324	118.45	ng	0.00
7) Phenol-d6	7.24	99	601437	115.10	ng	0.00
23) Nitrobenzene-d5	9.28	82	342780	74.71	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	209870	110.26	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	783994	67.74	ng	-0.01
79) Terphenyl-d14	20.08	244	1111405	64.25	ng	0.00
Target Compounds						
10) Phenol	7.27	94	35297	6.402	ng	99
19) n-Nitroso-di-n-propylamine	9.28	70	43996	12.227	ng	# 71
50) Dimethylphthalate	14.18	163	146902	10.881	ng	99
57) 2,4-Dinitrotoluene	14.73	165	21674	5.529	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.20	198	823	8.825	ng	# 34
67) 4-Bromophenyl-phenylether	16.22	248	14942	3.348	ng	# 1

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

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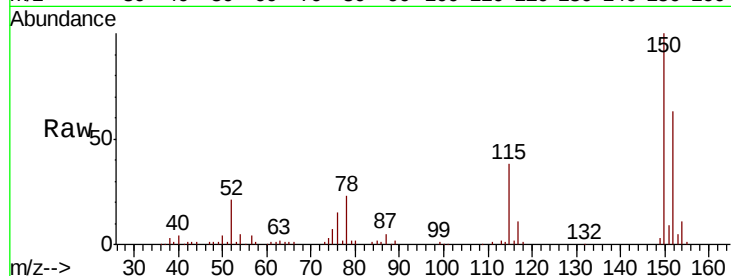


#1

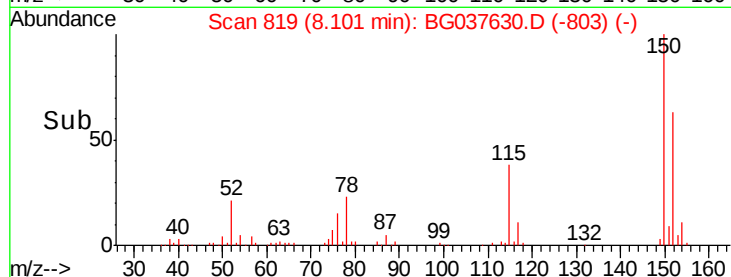
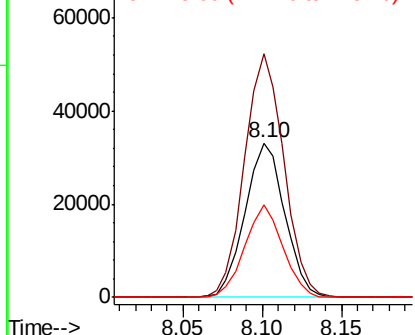
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037630.D
Acq: 29 Oct 2018 19:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 57773
Ion Ratio Lower Upper
152 100
150 158.0 126.0 189.0
115 59.9 45.5 68.3



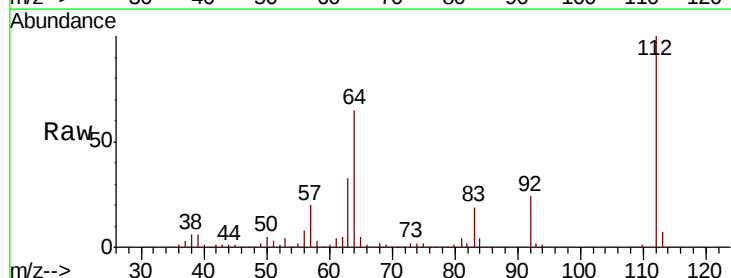
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



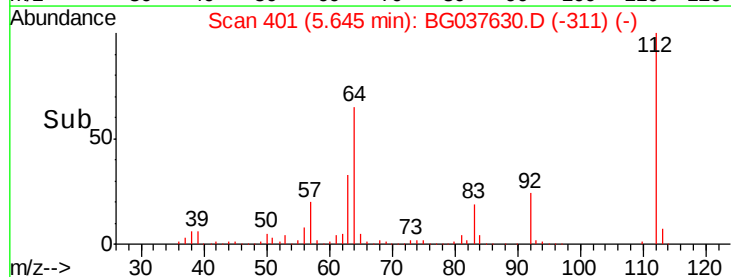
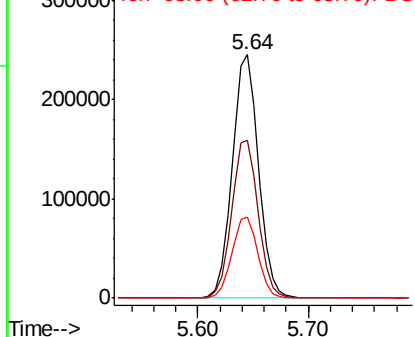
#5

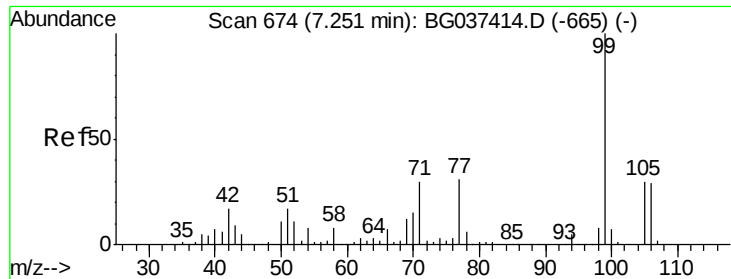
2-Fluorophenol
Concen: 118.451 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037630.D
Acq: 29 Oct 2018 19:48

Tgt Ion:112 Resp: 409324
Ion Ratio Lower Upper
112 100
64 64.8 53.1 79.7
63 33.2 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: 115.100 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037630.D

Acq: 29 Oct 2018 19:48

Instrument :

BNA_G

ClientSampled :

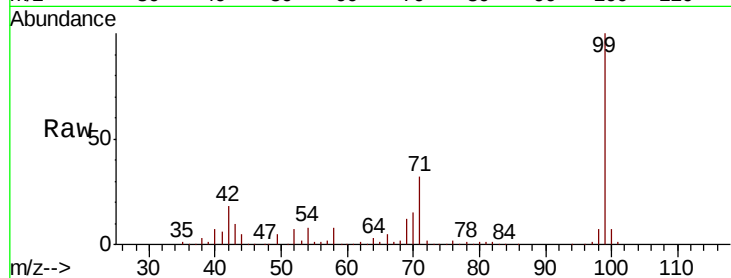
Tot Ion: 99 Resp: 601437

Ion Ratio Lower Upper

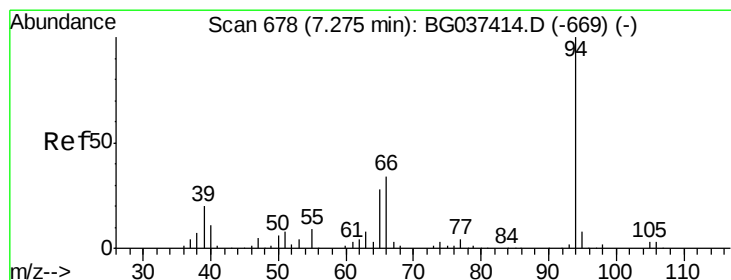
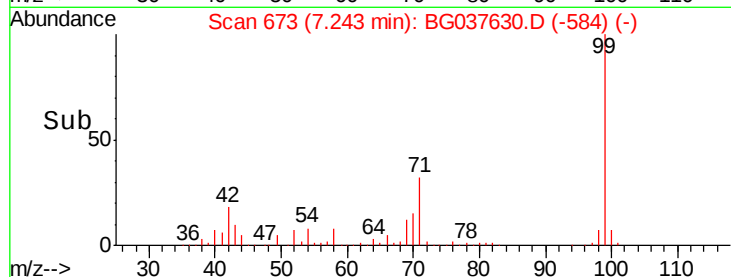
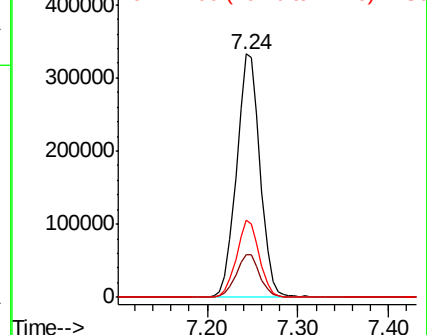
99 100

42 17.7 15.0 22.4

71 32.0 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



#10

Phenol

Concen: 6.402 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037630.D

Acq: 29 Oct 2018 19:48

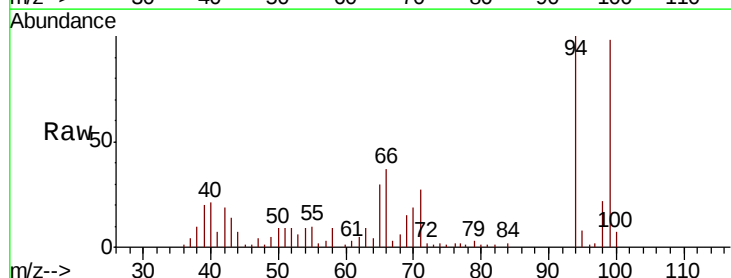
Tgt Ion: 94 Resp: 35297

Ion Ratio Lower Upper

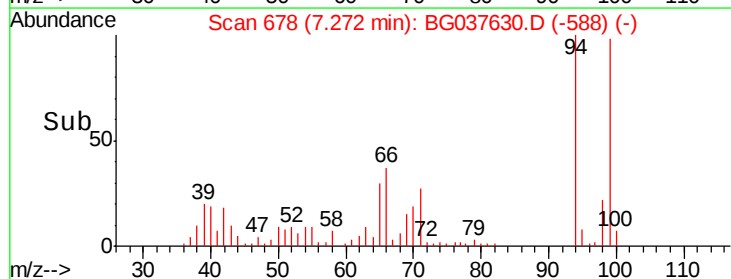
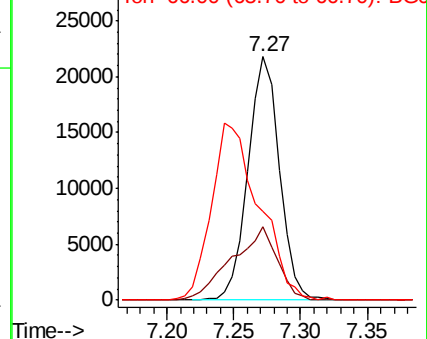
94 100

65 30.4 9.7 49.7

66 36.6 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

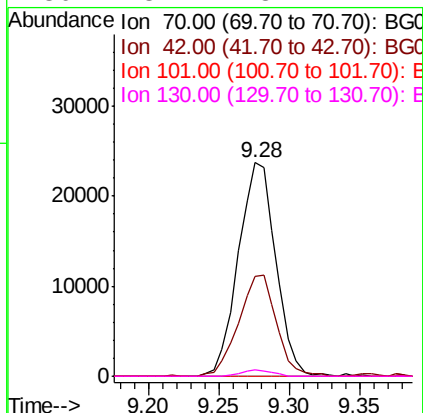
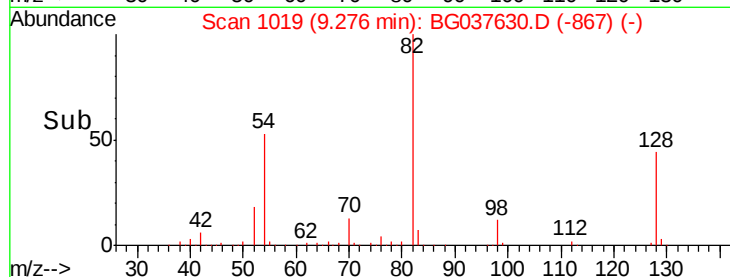
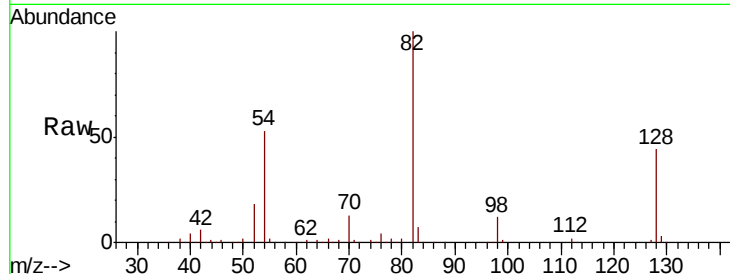




#19
n-Nitroso-di-n-propylamine
Concen: 12.227 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037630.D
Acq: 29 Oct 2018 19:48

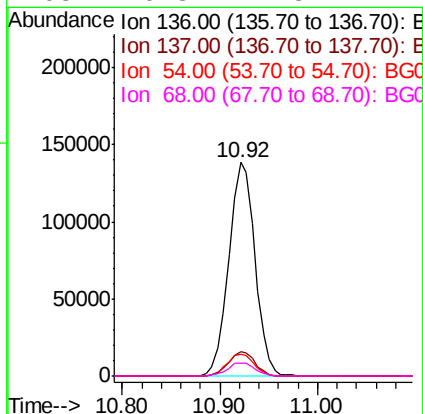
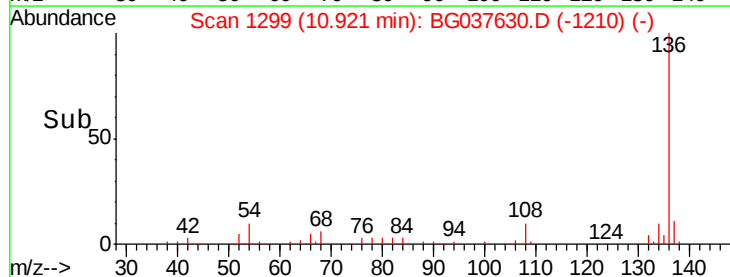
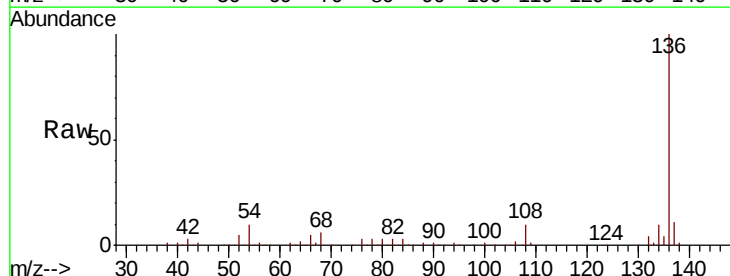
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 43996
Ion Ratio Lower Upper
70 100
42 46.8 53.9 80.9#
101 0.0 8.2 12.2#
130 3.1 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037630.D
Acq: 29 Oct 2018 19:48

Tgt Ion: 136 Resp: 257009
Ion Ratio Lower Upper
136 100
137 11.4 9.6 14.4
54 10.2 7.9 11.9
68 6.3 4.8 7.2

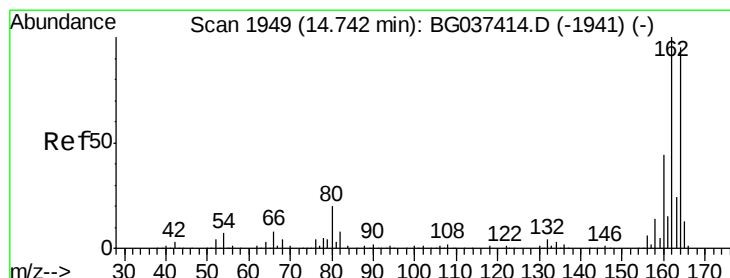
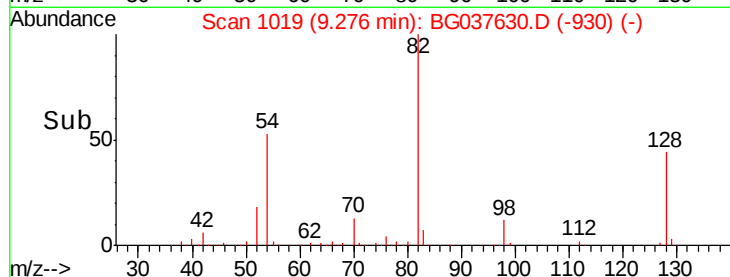
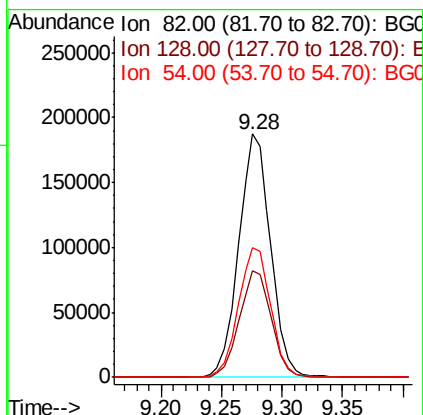
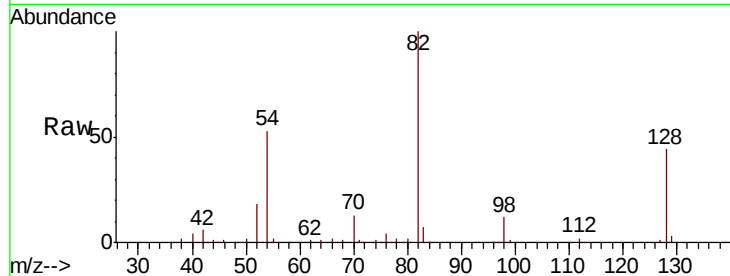




#23
 Nitrobenzene-d5
 Concen: 74.714 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037630.D
 Acq: 29 Oct 2018 19:48

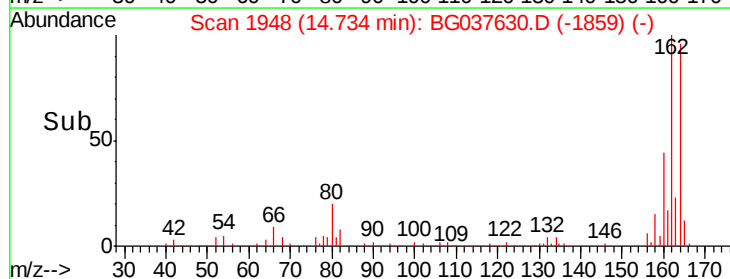
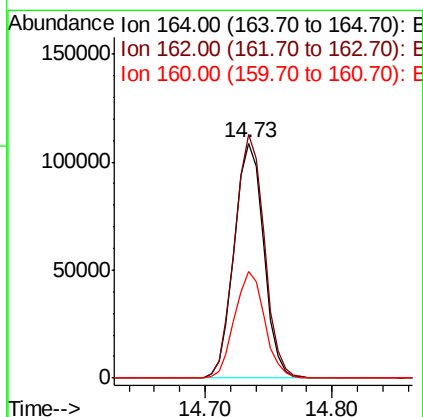
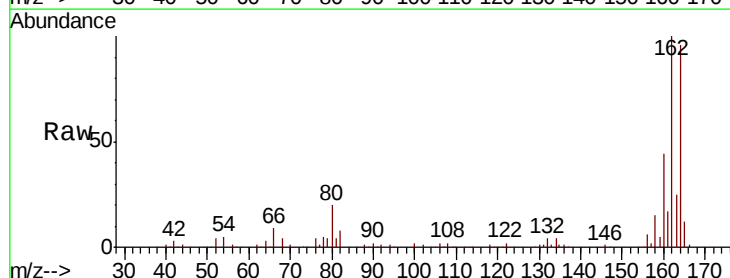
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	342780
Ion Ratio	Lower	Upper	
82	100		
128	43.9	34.6	51.8
54	53.2	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: BG037630.D
 Acq: 29 Oct 2018 19:48

Tgt Ion	164	Resp	174512
Ion Ratio	Lower	Upper	
164	100		
162	103.7	81.3	121.9
160	45.5	36.3	54.5

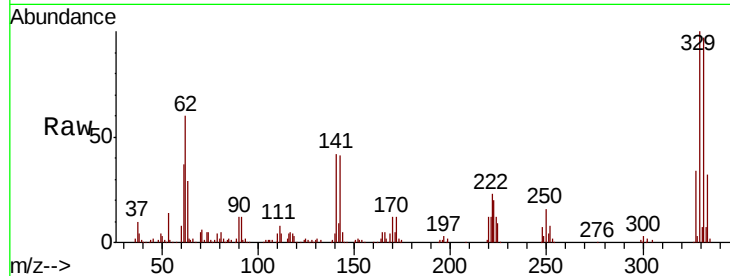




#42
 2,4,6-Tribromophenol
 Concen: 110.262 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037630.D
 Acq: 29 Oct 2018 19:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.4	117.6
141	40.3	32.2	48.2

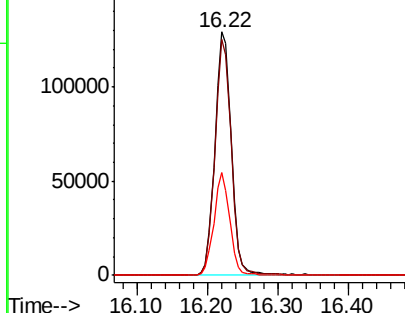
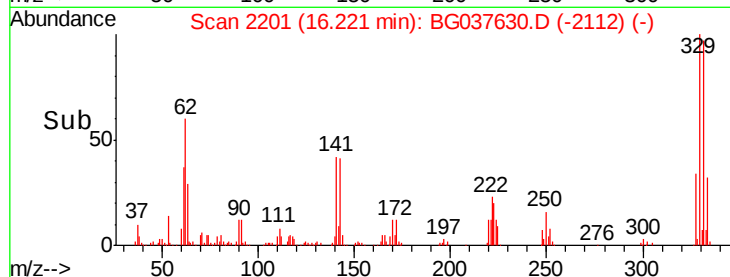


Abundance

Ion 329.80 (329.50 to 330.50): E

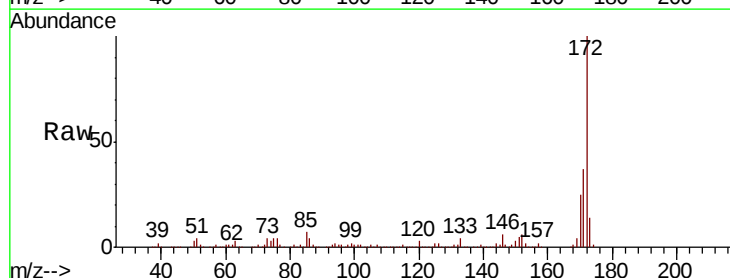
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 67.744 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037630.D
 Acq: 29 Oct 2018 19:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	31.0	46.4
170	24.6	20.2	30.2

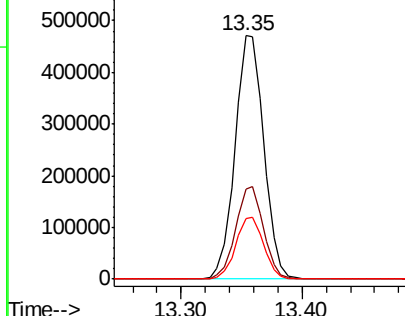
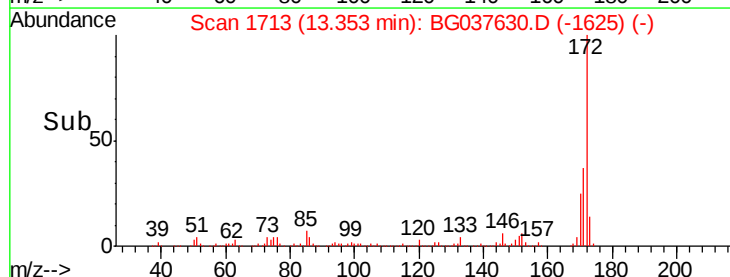


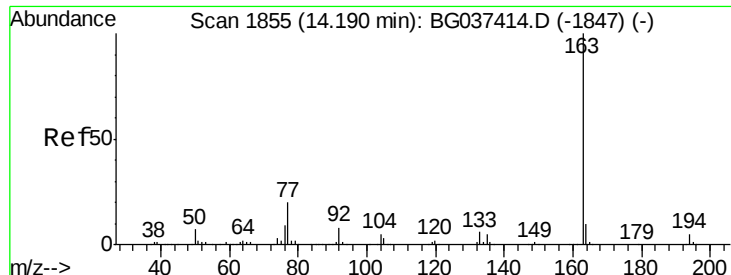
Abundance

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

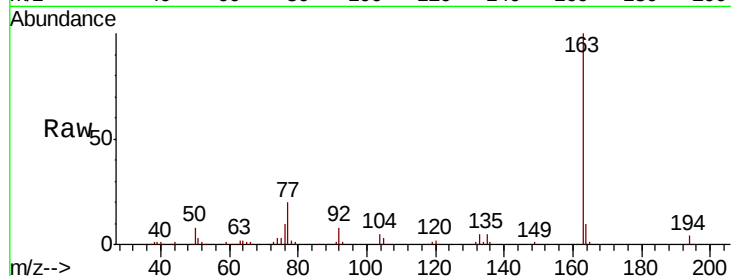




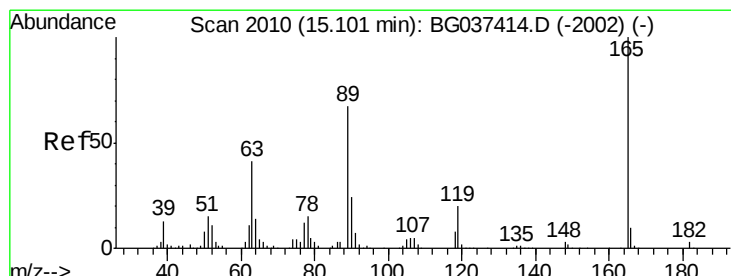
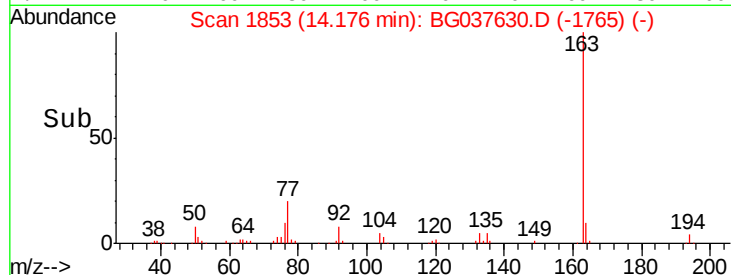
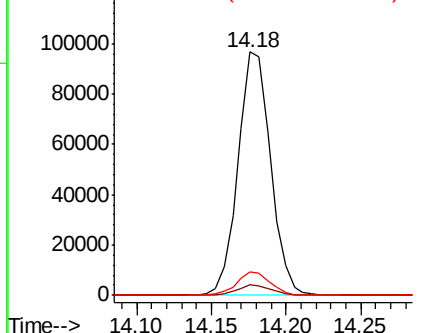
#50
Dimethylphthalate
Concen: 10.881 ng
RT: 14.18 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BG037630.D
Acq: 29 Oct 2018 19:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	9.9	8.5	12.7

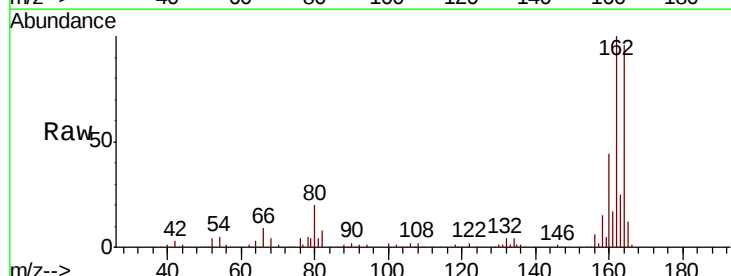


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

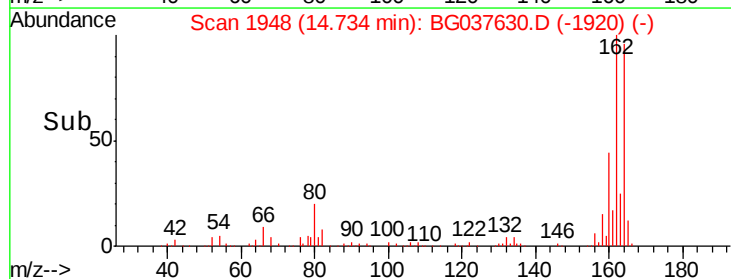
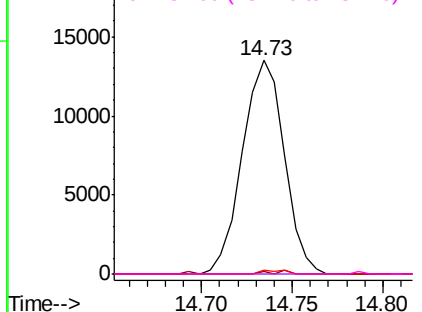


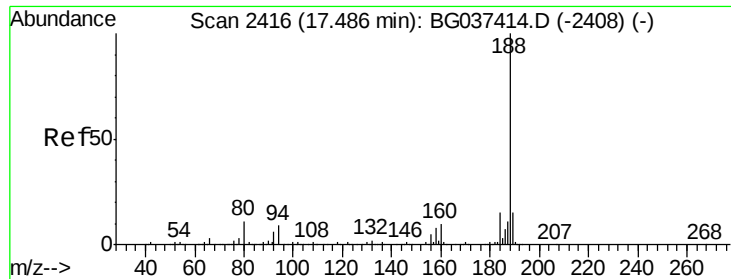
#57
2,4-Dinitrotoluene
Concen: 5.529 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.37 min
Lab File: BG037630.D
Acq: 29 Oct 2018 19:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	33.4	50.0#
89	1.8	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: BG037630.D

Acq: 29 Oct 2018 19:48

Instrument :

BNA_G

ClientSampleId :

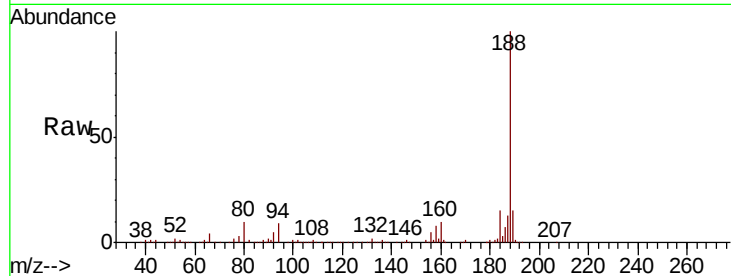
Tot Ion:188 Resp: 406346

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

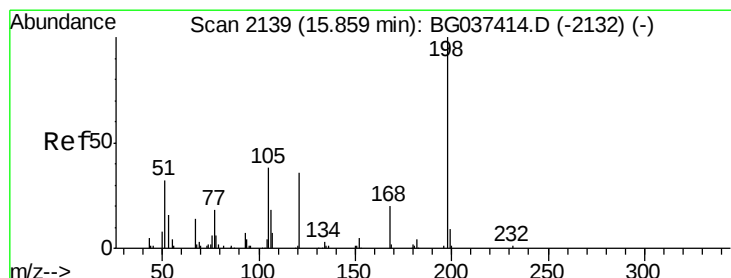
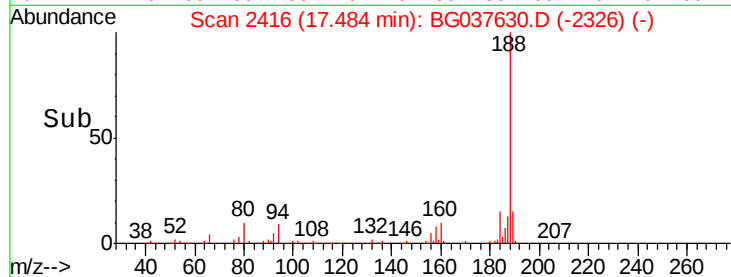
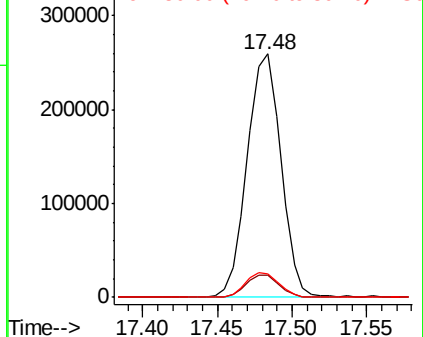
80 9.8 7.7 11.5



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: 8.825 ng

RT: 16.20 min Scan# 2198

Delta R.T. 0.34 min

Lab File: BG037630.D

Acq: 29 Oct 2018 19:48

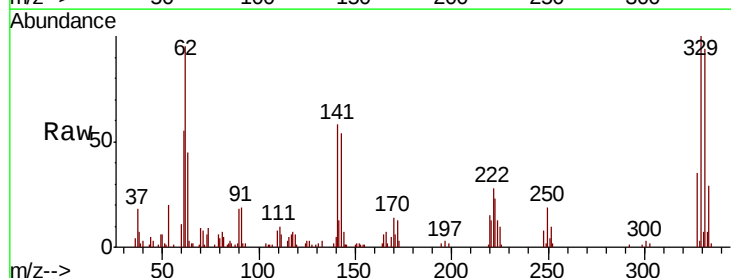
Tgt Ion:198 Resp: 823

Ion Ratio Lower Upper

198 100

51 92.7 22.7 62.7#

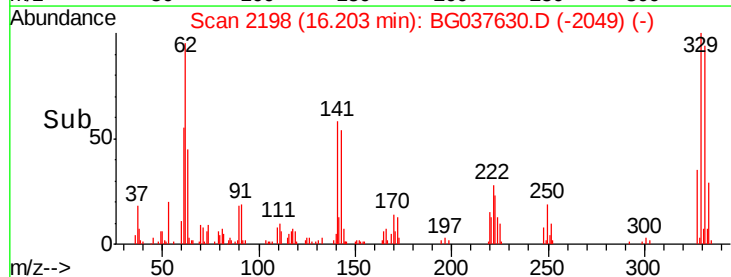
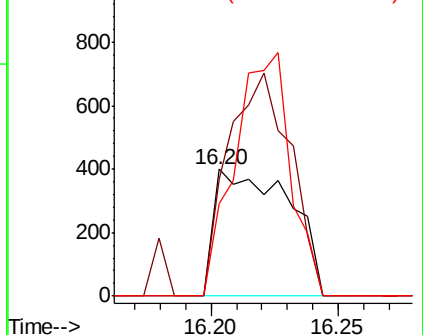
105 72.7 19.7 59.7#

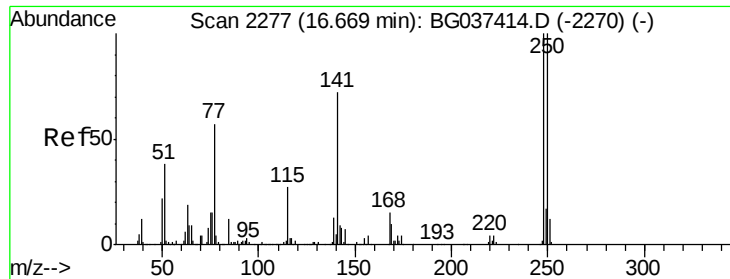


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

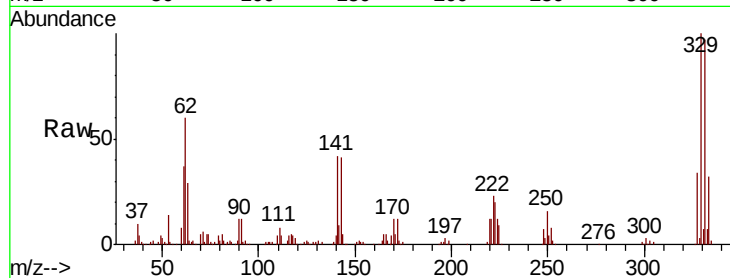




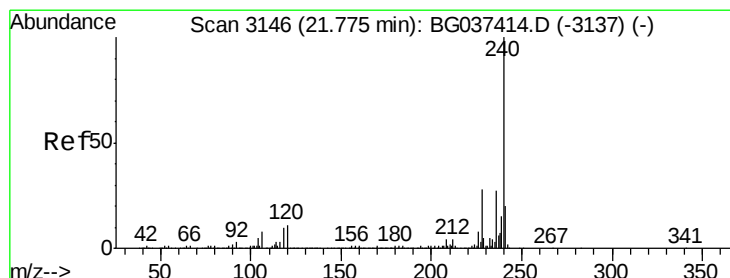
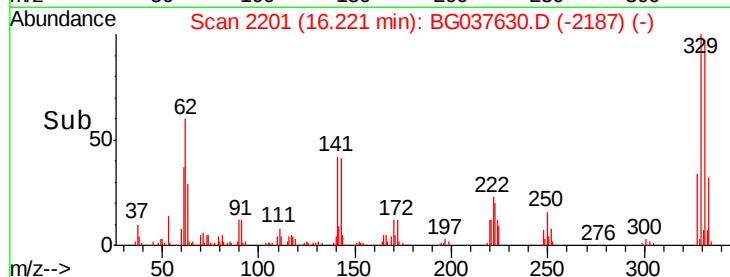
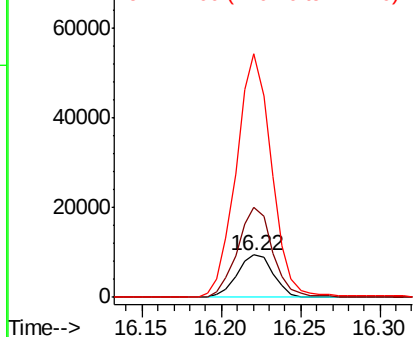
#67
4-Bromophenyl-phenylether
Concen: 3.348 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.45 min
Lab File: BG037630.D
Acq: 29 Oct 2018 19:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 14942
Ion Ratio Lower Upper
248 100
250 198.1 77.0 115.6#
141 427.1 55.5 83.3#

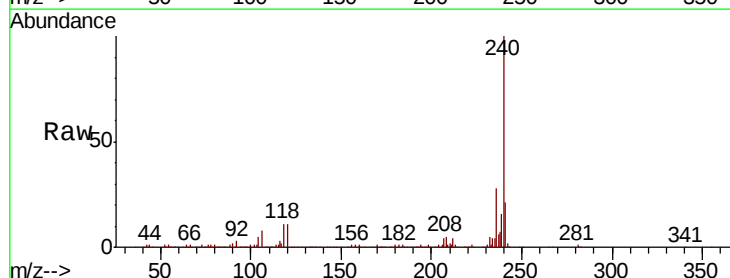


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

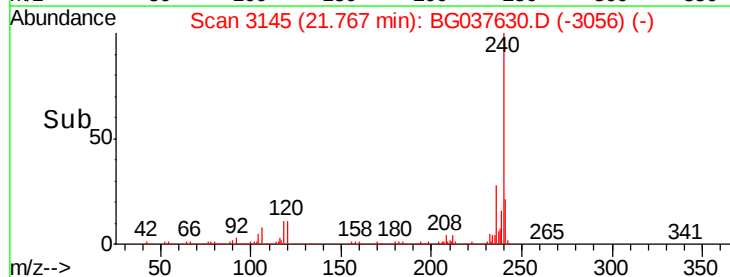
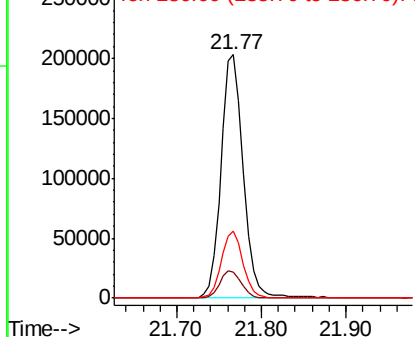


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037630.D
Acq: 29 Oct 2018 19:48

Tgt Ion:240 Resp: 369634
Ion Ratio Lower Upper
240 100
120 10.9 8.1 12.1
236 27.6 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: 64.248 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037630.D

Acq: 29 Oct 2018 19:48

Instrument :

BNA_G

ClientSampled :

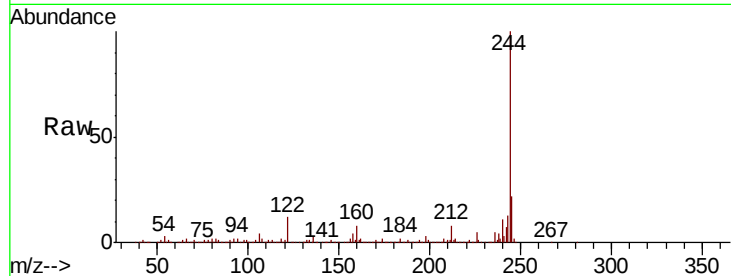
Tot Ion:244 Resp: 1111405

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	11.6	9.0	13.4

244 100

212 8.1 6.5 9.7

122 11.6 9.0 13.4

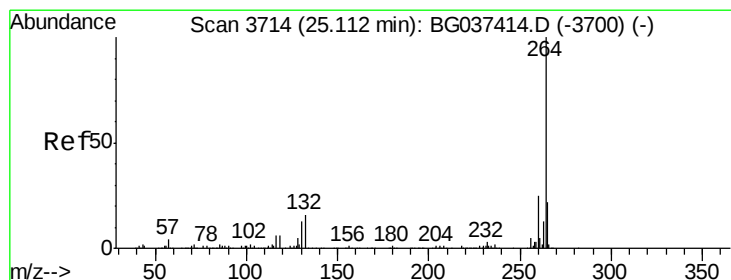
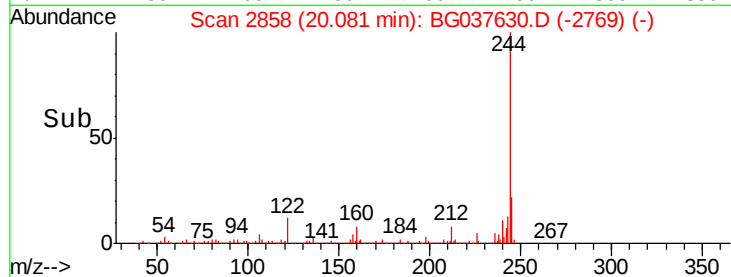
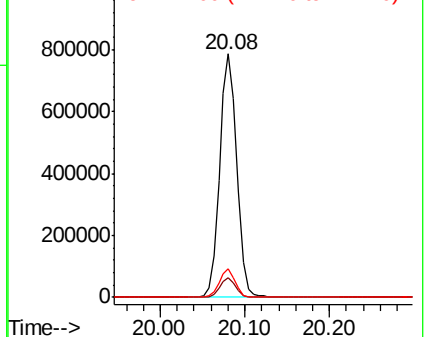


Abundance

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

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037630.D

Acq: 29 Oct 2018 19:48

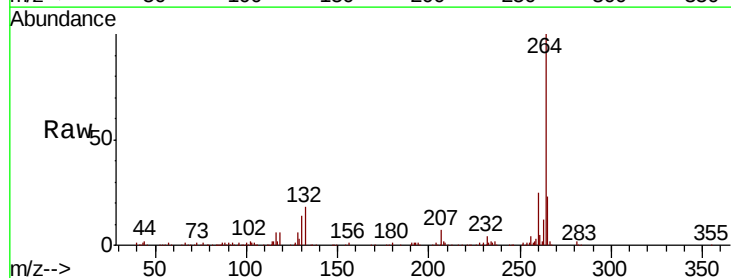
Tgt Ion:264 Resp: 370734

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.2	27.4
265	23.1	17.9	26.9

264 100

260 24.7 18.2 27.4

265 23.1 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

