

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 :
 SB-9

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

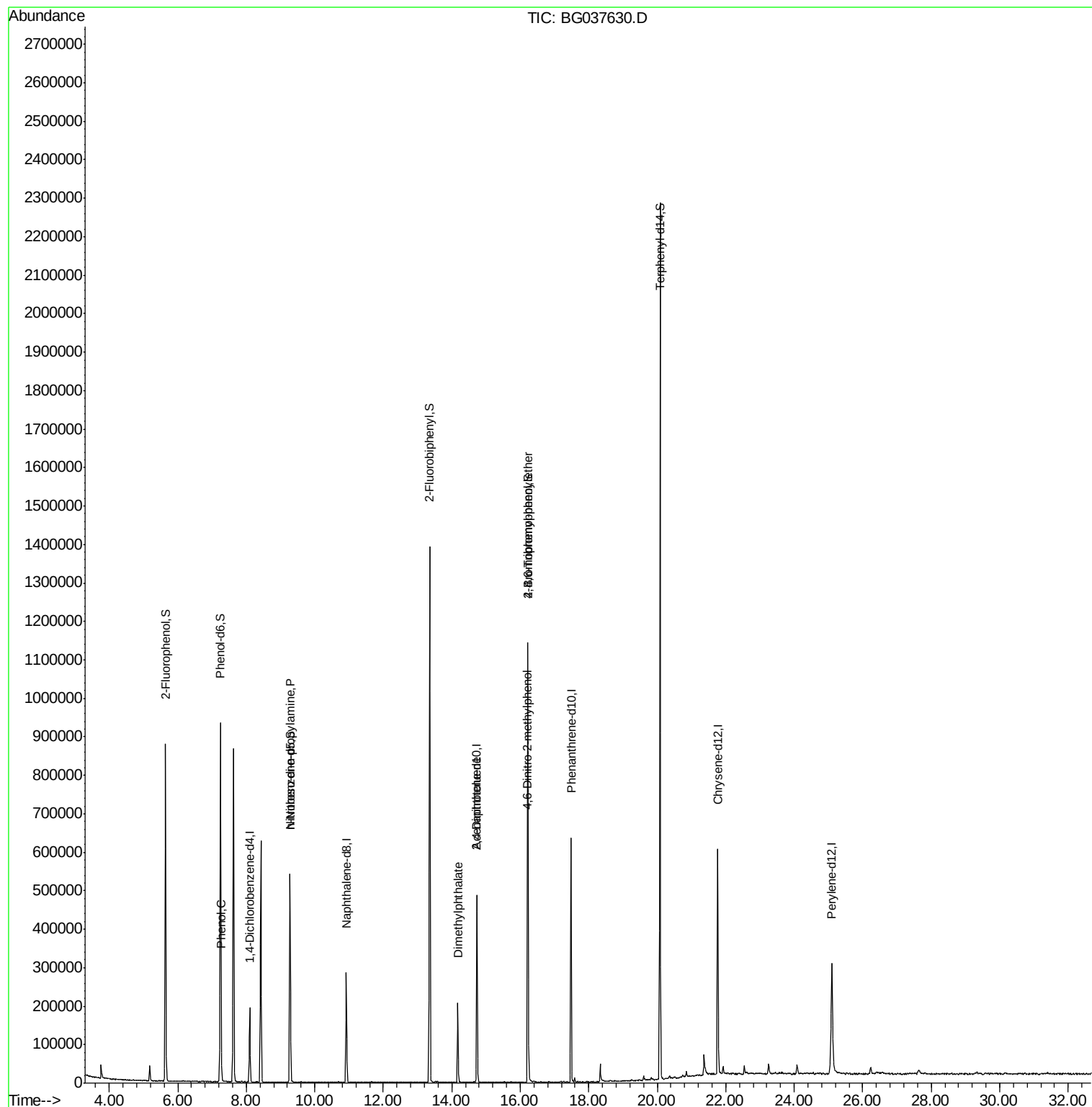
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	57773	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	257009	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	174512	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	406346	20.00	ng	0.00
76) Chrysene-d12	21.77	240	369634	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

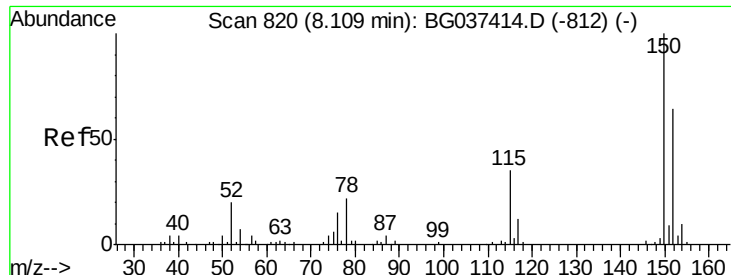
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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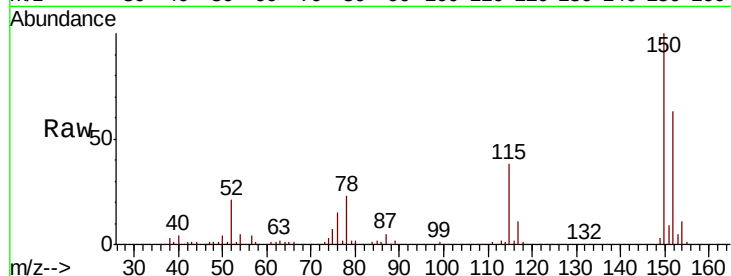


#1

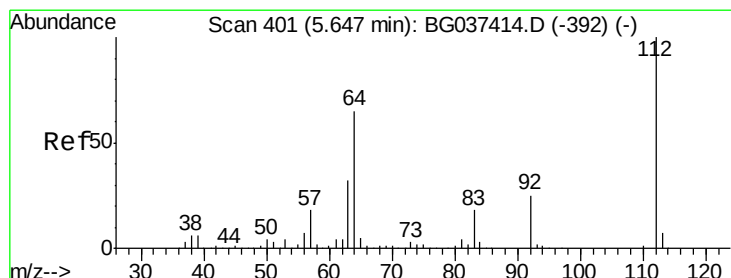
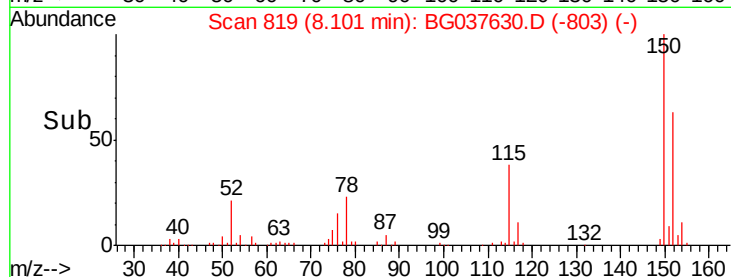
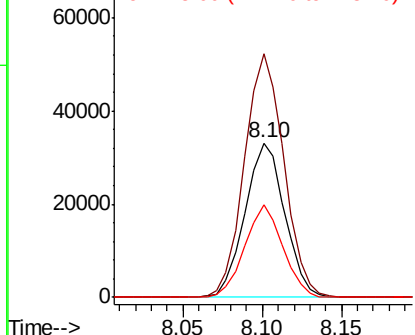
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037630.D
Acq: 29 Oct 2018 19:48

Instrument :
BNA_G
ClientSampleId :
SB-9

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



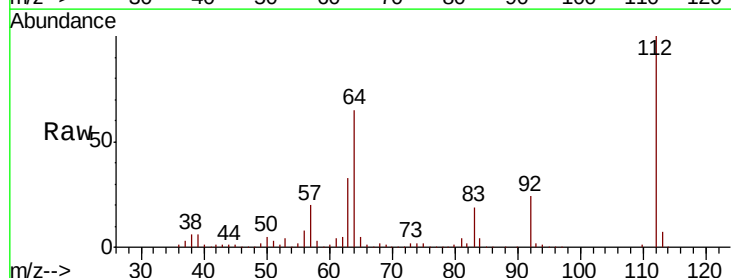
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



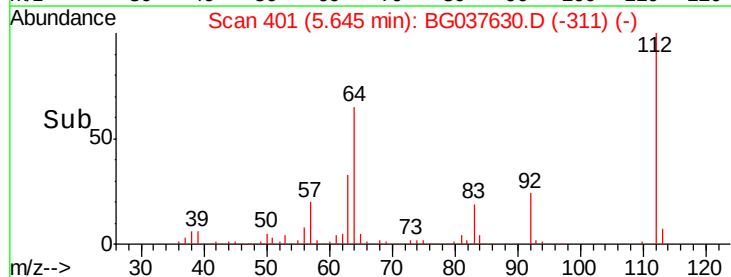
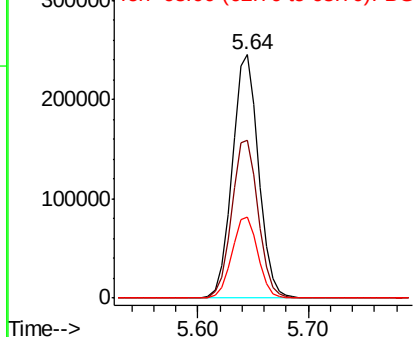
#5

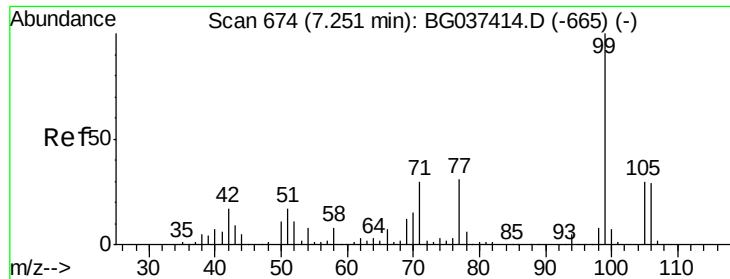
2-Fluorophenol
Concen: 118.451 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037630.D
Acq: 29 Oct 2018 19:48

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 :

SB-9

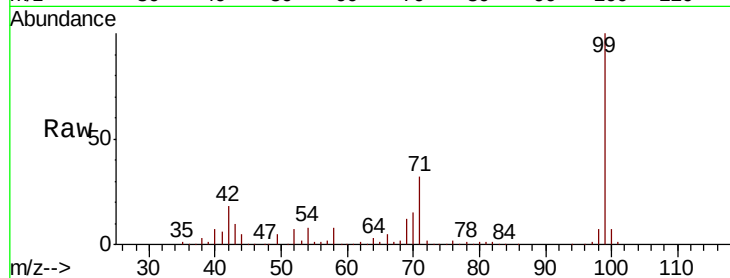
Tot Ion: 99 Resp: 601437

Ion Ratio Lower Upper

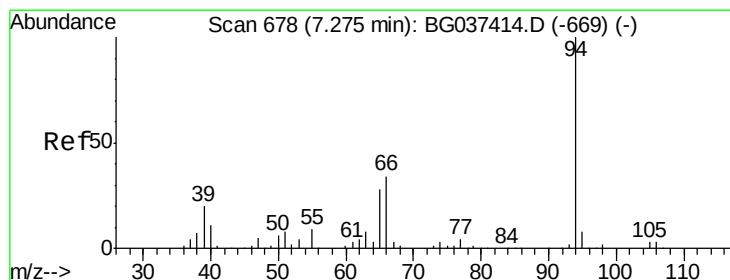
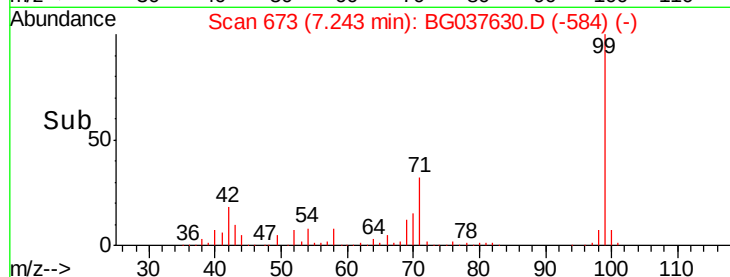
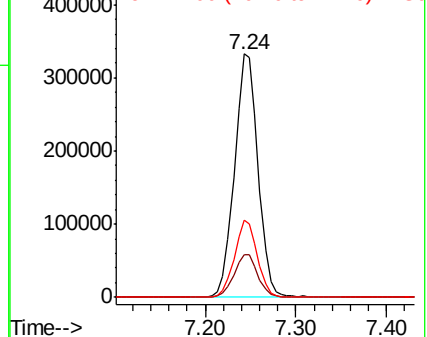
99 100

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

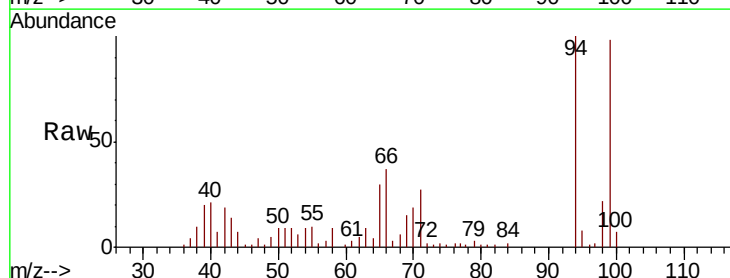
Tgt Ion: 94 Resp: 35297

Ion Ratio Lower Upper

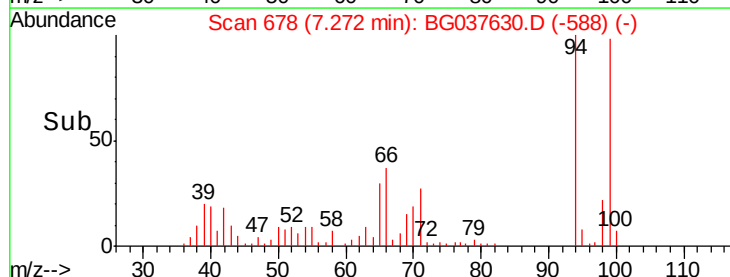
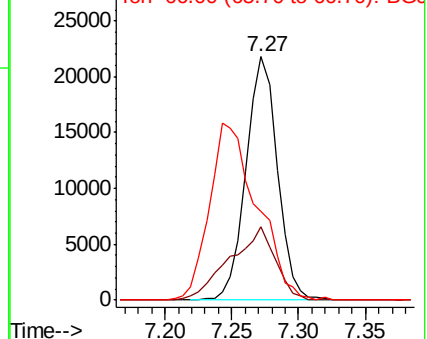
94 100

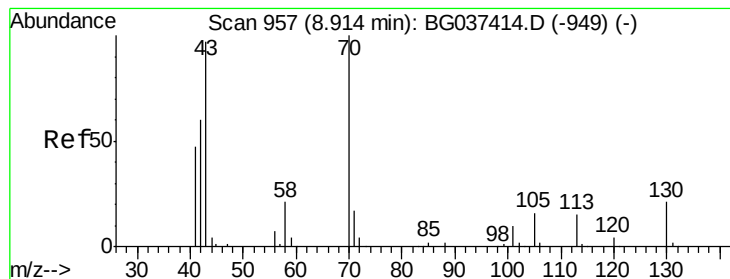
65 30.4 9.7 49.7

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 :

SB-9

Tot Ion: 70 Resp: 43996

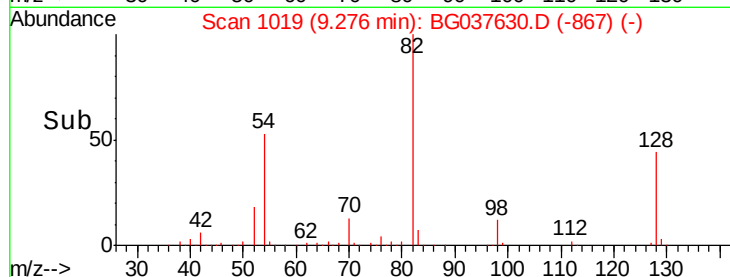
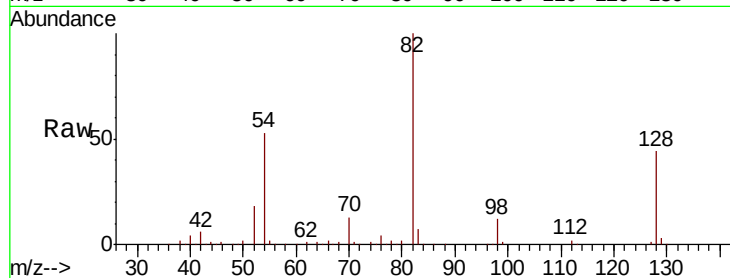
Ion Ratio Lower Upper

70 100

42 46.8 53.9 80.9#

101 0.0 8.2 12.2#

130 3.1 18.2 27.4#

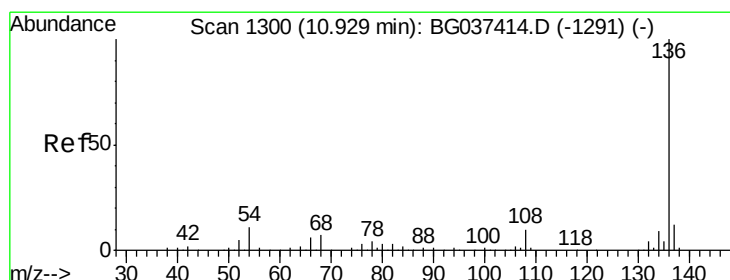
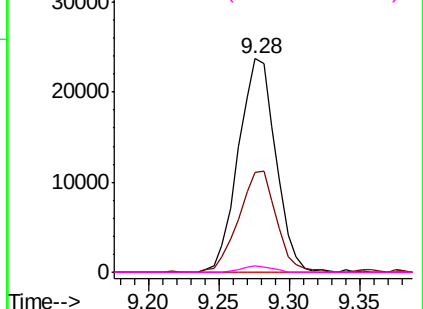


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: BG037630.D

Acq: 29 Oct 2018 19:48

Tgt Ion: 136 Resp: 257009

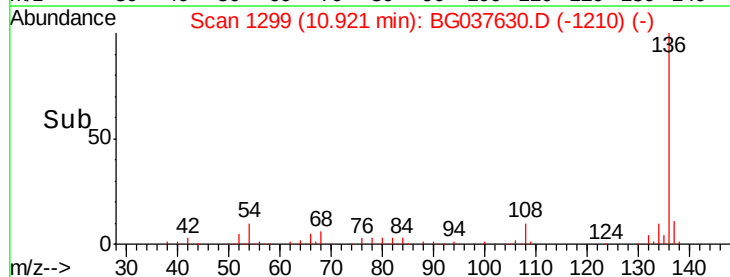
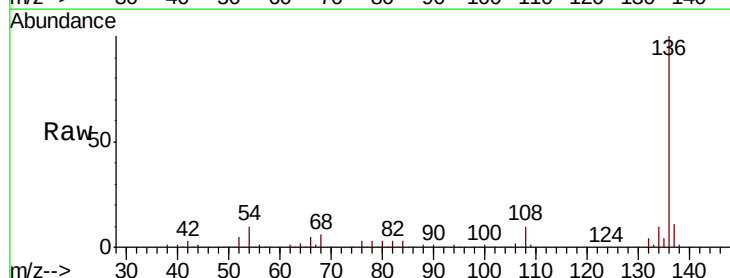
Ion Ratio Lower Upper

136 100

137 11.4 9.6 14.4

54 10.2 7.9 11.9

68 6.3 4.8 7.2

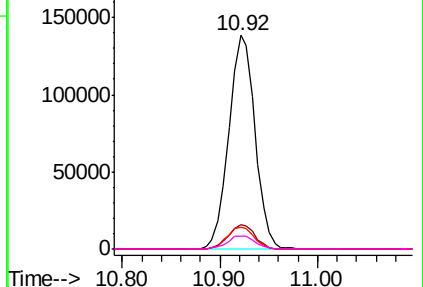


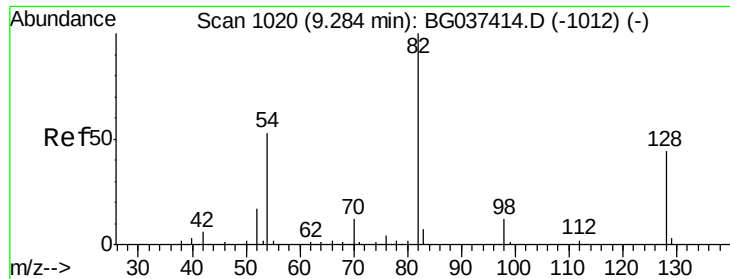
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

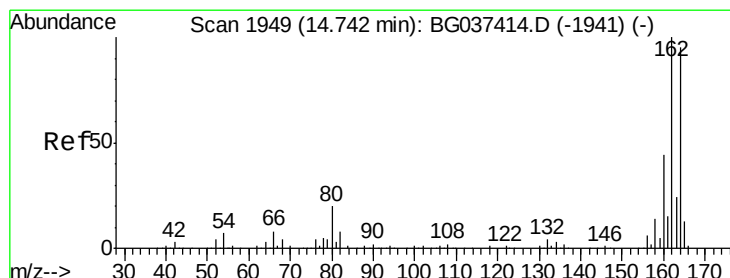
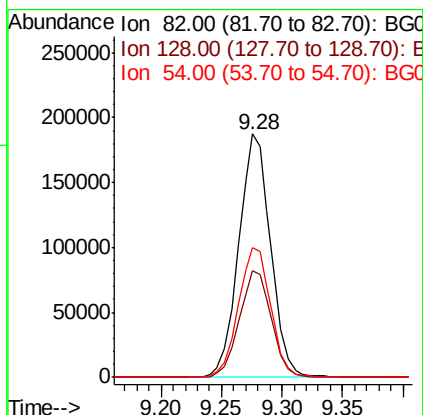
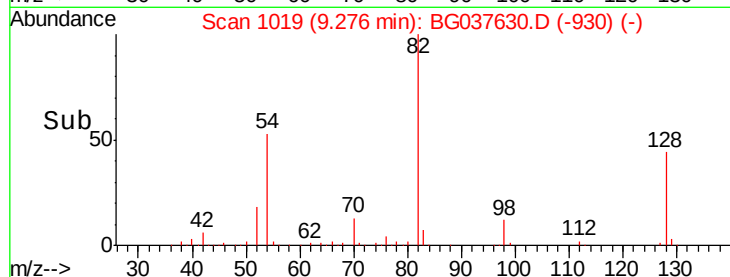
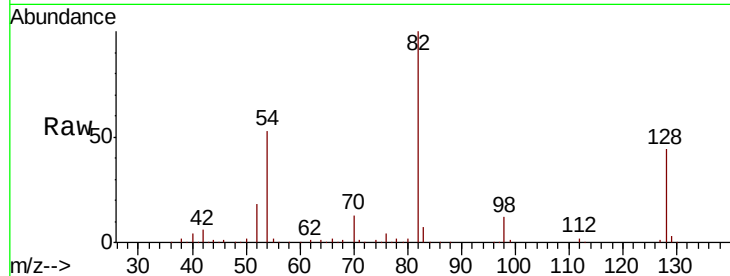




#23
 Nitrobenzene-d5
 Concen: 74.714 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037630.D
 Acq: 29 Oct 2018 19:48

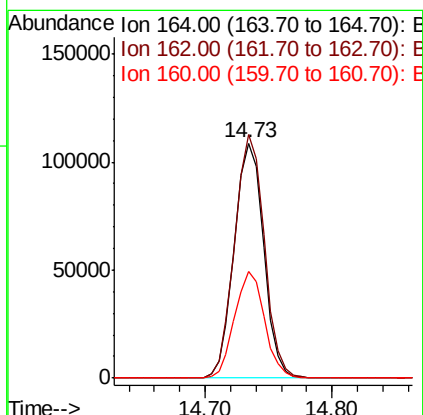
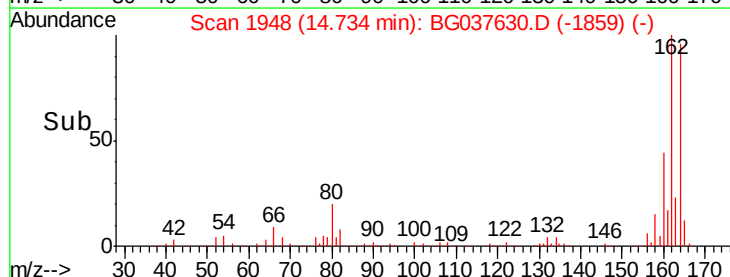
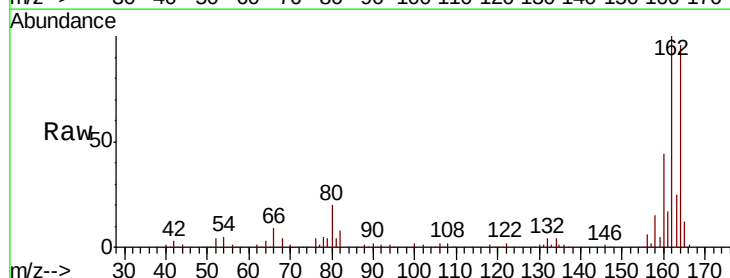
Instrument :
 BNA_G
 ClientSampleID :
 SB-9

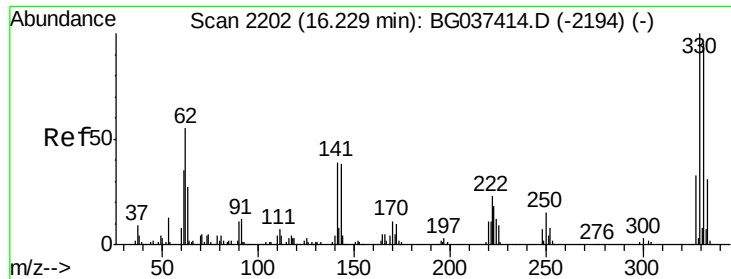
Tot Ion	82	Resp	342780
Ion Ratio	Lower	Upper	
82	100		
128	43.9	34.6	51.8
54	53.2	45.3	67.9



#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 :

SB-9

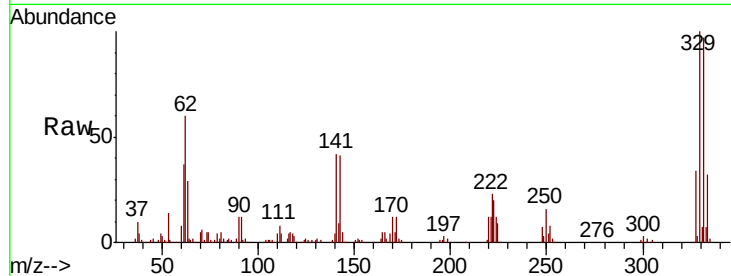
Tot Ion:330 Resp: 209870

Ion Ratio Lower Upper

330 100

332 96.1 78.4 117.6

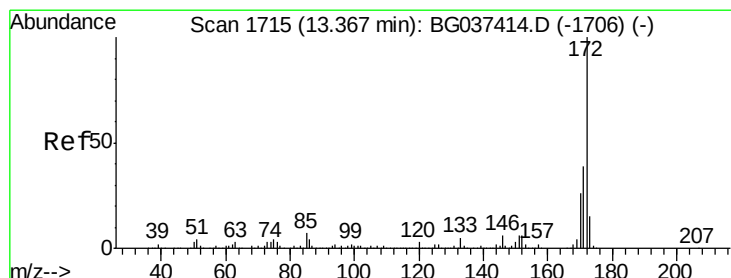
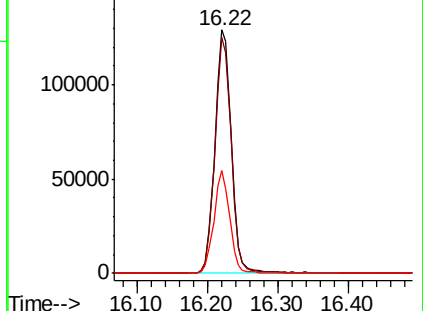
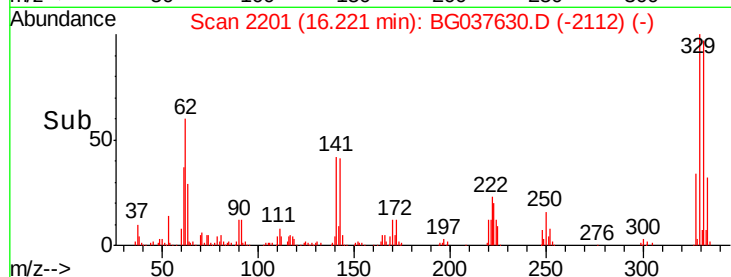
141 40.3 32.2 48.2



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

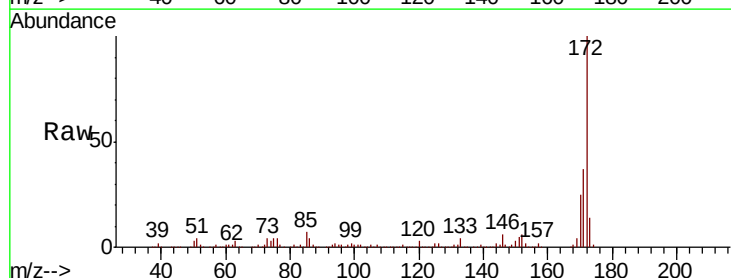
Tgt Ion:172 Resp: 783994

Ion Ratio Lower Upper

172 100

171 36.8 31.0 46.4

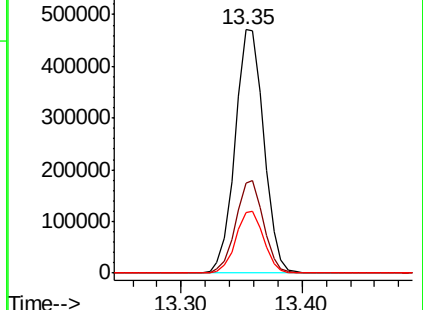
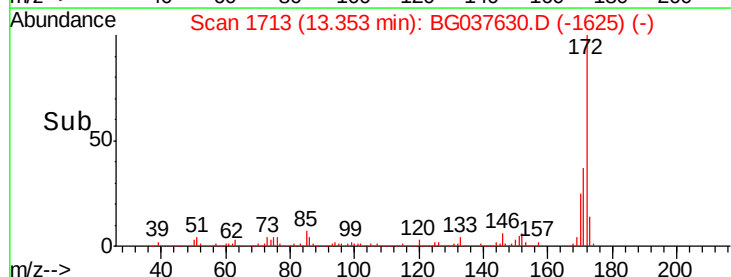
170 24.6 20.2 30.2

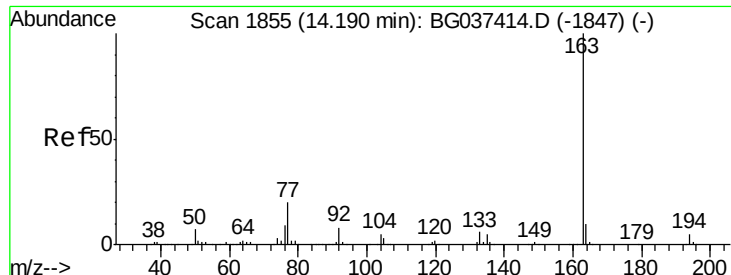


Abundance Ion 172.00 (171.70 to 172.70): E

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 :

SB-9

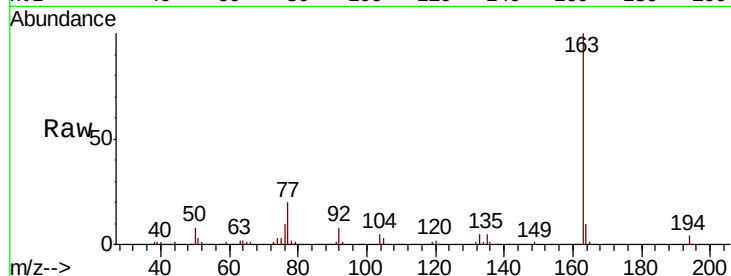
Tot Ion:163 Resp: 146902

Ion Ratio Lower Upper

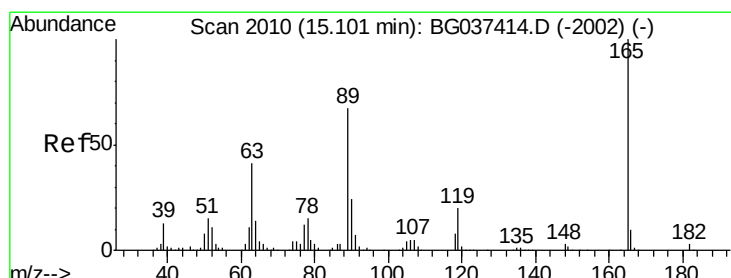
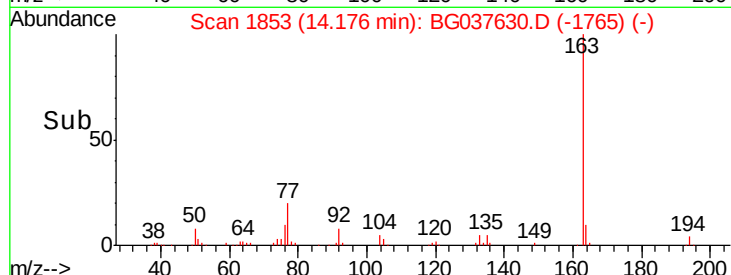
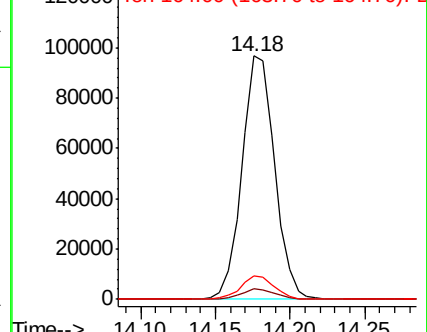
163 100

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:165 Resp: 21674

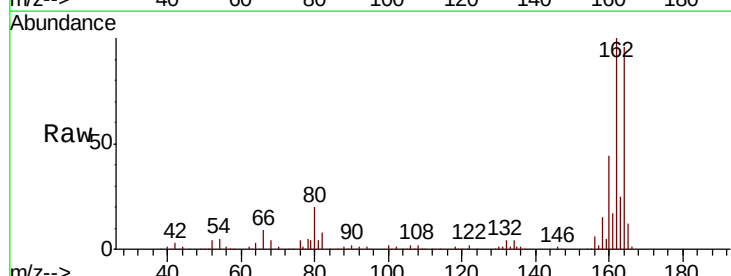
Ion Ratio Lower Upper

165 100

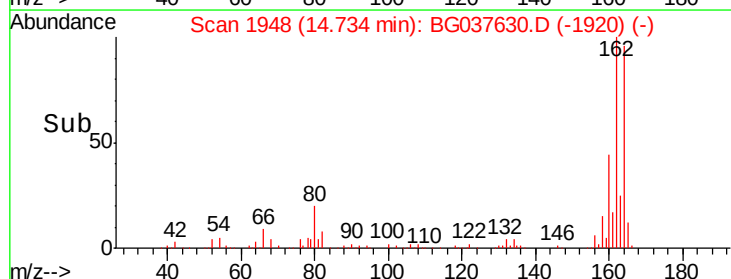
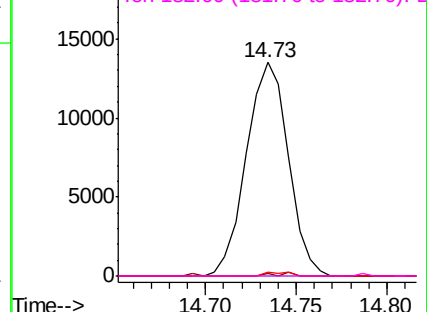
63 1.4 33.4 50.0#

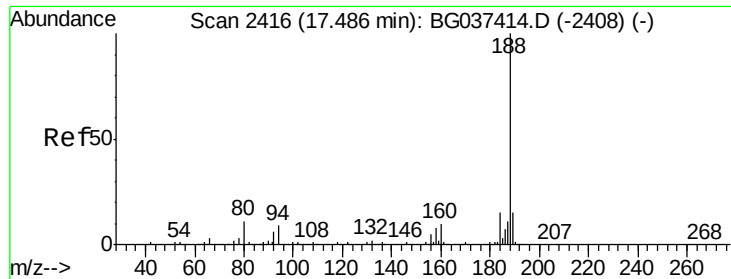
89 1.8 57.2 85.8#

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

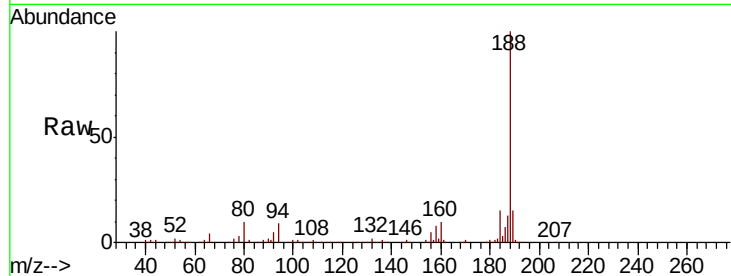




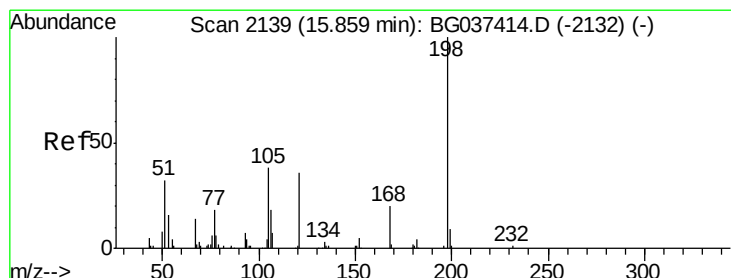
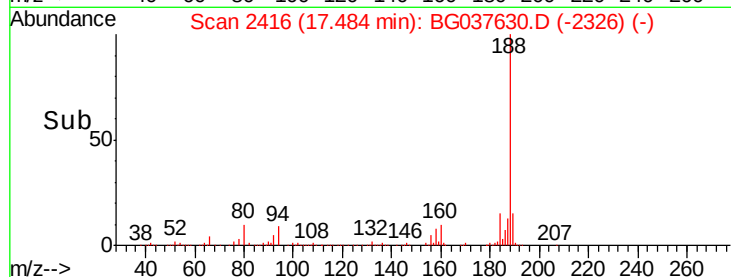
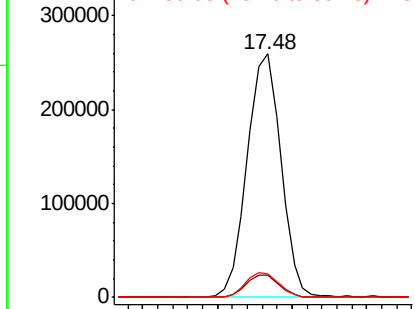
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037630.D
Acq: 29 Oct 2018 19:48

Instrument :
BNA_G
ClientSampleId :
SB-9

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

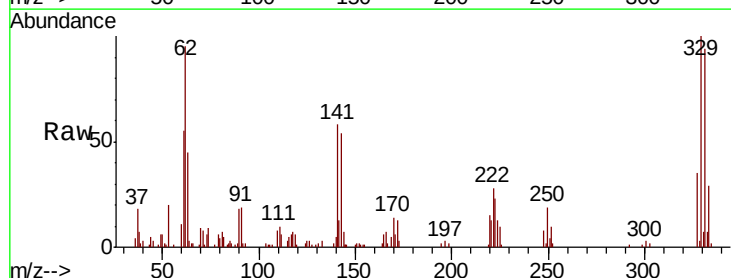


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

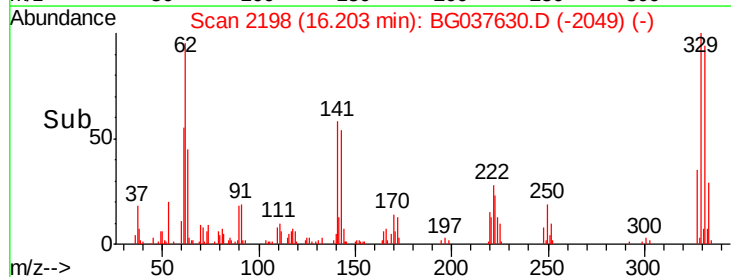
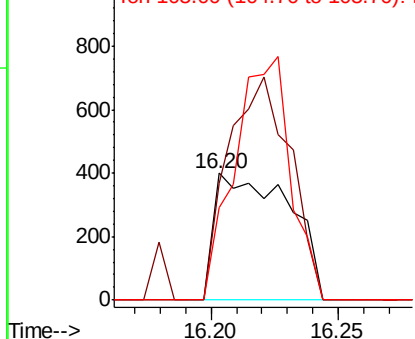


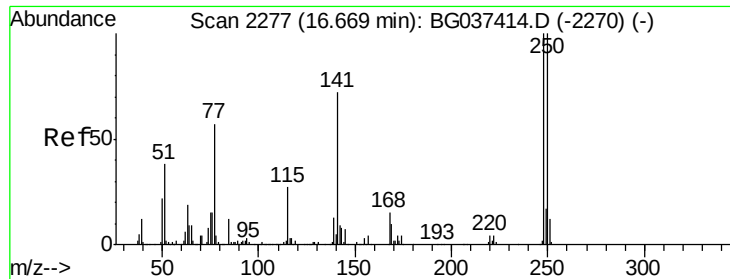
#65
4,6-Dinitro-2-methylphenol
Concen: 8.825 ng
RT: 16.20 min Scan# 2198
Delta R.T. 0.34 min
Lab File: BG037630.D
Acq: 29 Oct 2018 19:48

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 :

SB-9

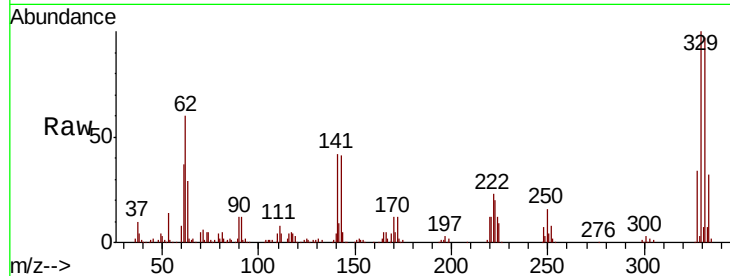
Tot Ion:248 Resp: 14942

Ion Ratio Lower Upper

248 100

250 198.1 77.0 115.6#

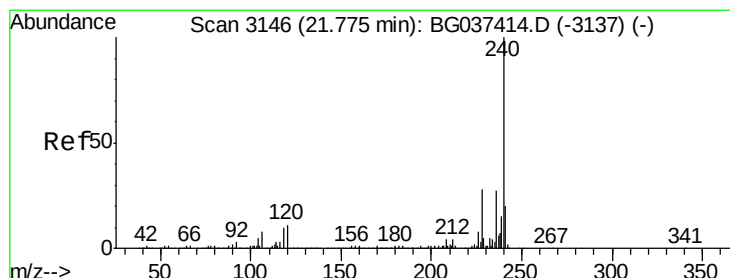
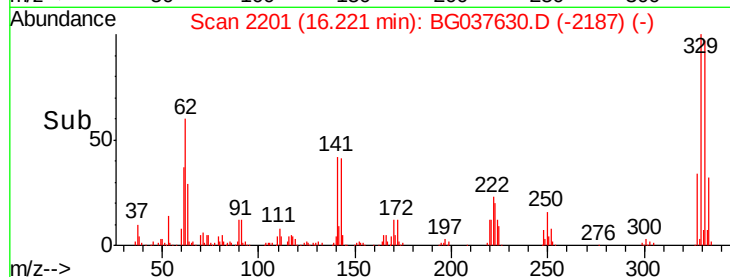
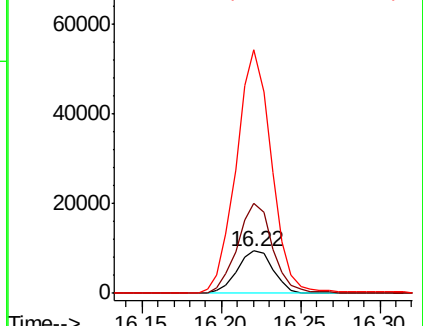
141 427.1 55.5 83.3#



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

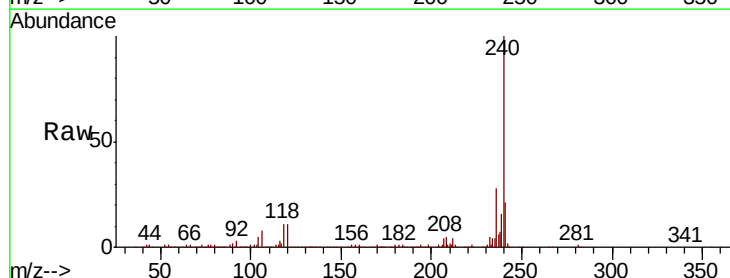
Tgt Ion:240 Resp: 369634

Ion Ratio Lower Upper

240 100

120 10.9 8.1 12.1

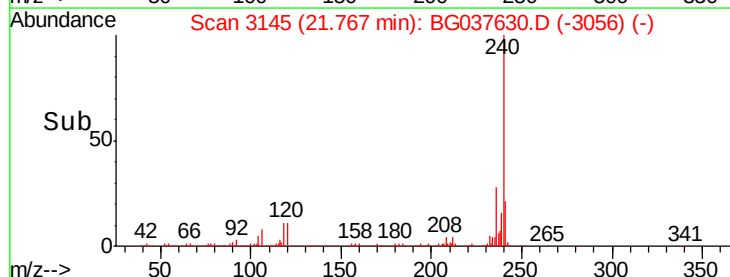
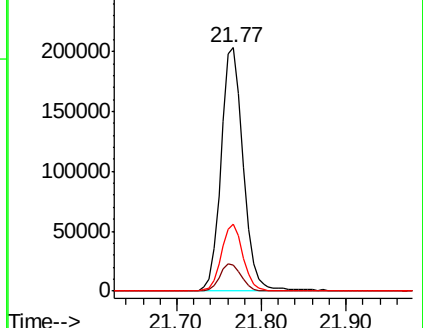
236 27.6 21.4 32.0

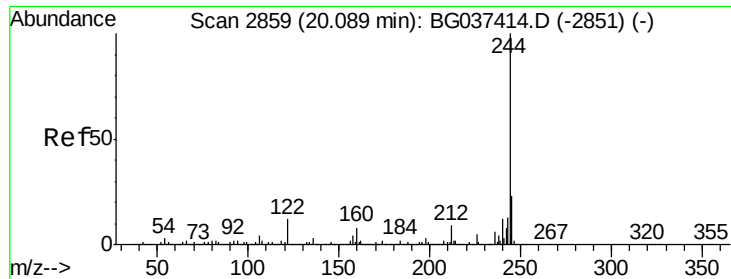


Abundance Ion 240.00 (239.70 to 240.70): E

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 :

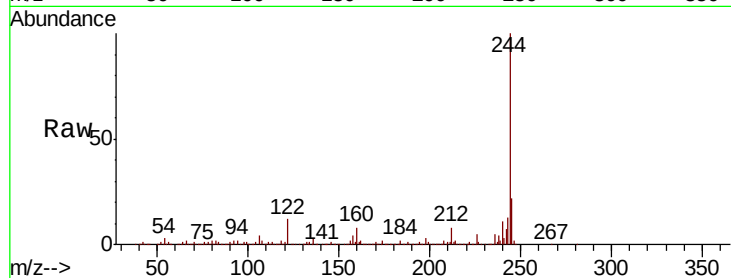
BNA_G

ClientSampled :

SB-9

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

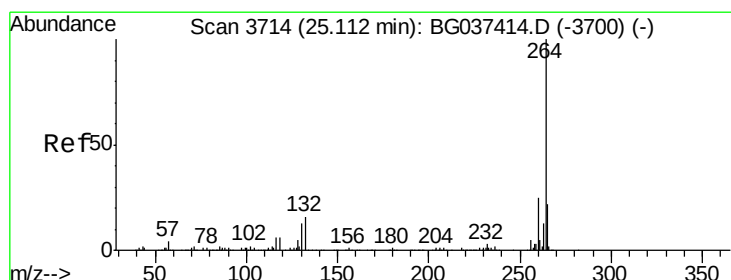
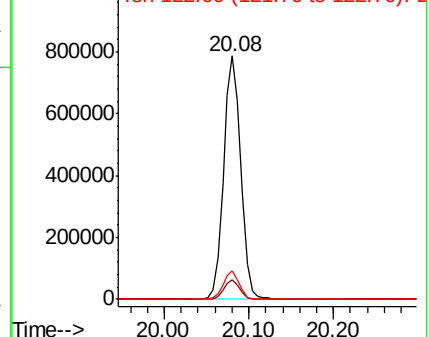
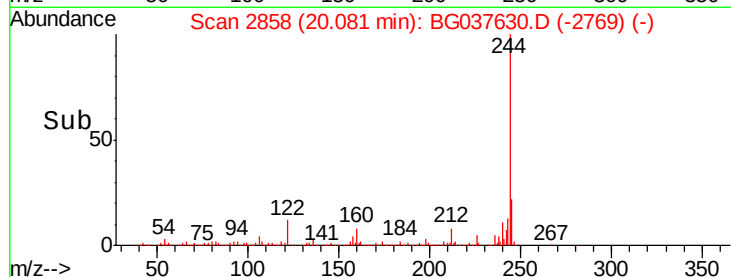


Abundance

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

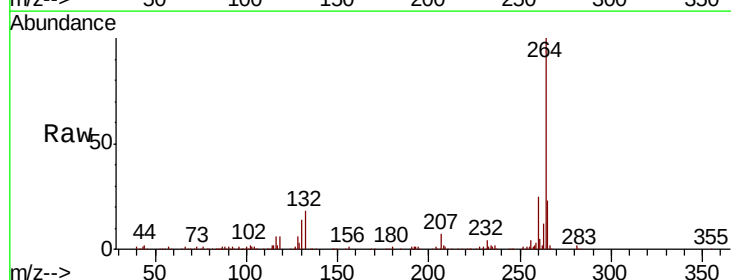
Delta R.T. -0.01 min

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



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

