

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
 Data File : BG037606.D
 Acq On : 27 Oct 2018 7:34
 Operator : JU/SJ
 Sample : J5662-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 29 02:14:37 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

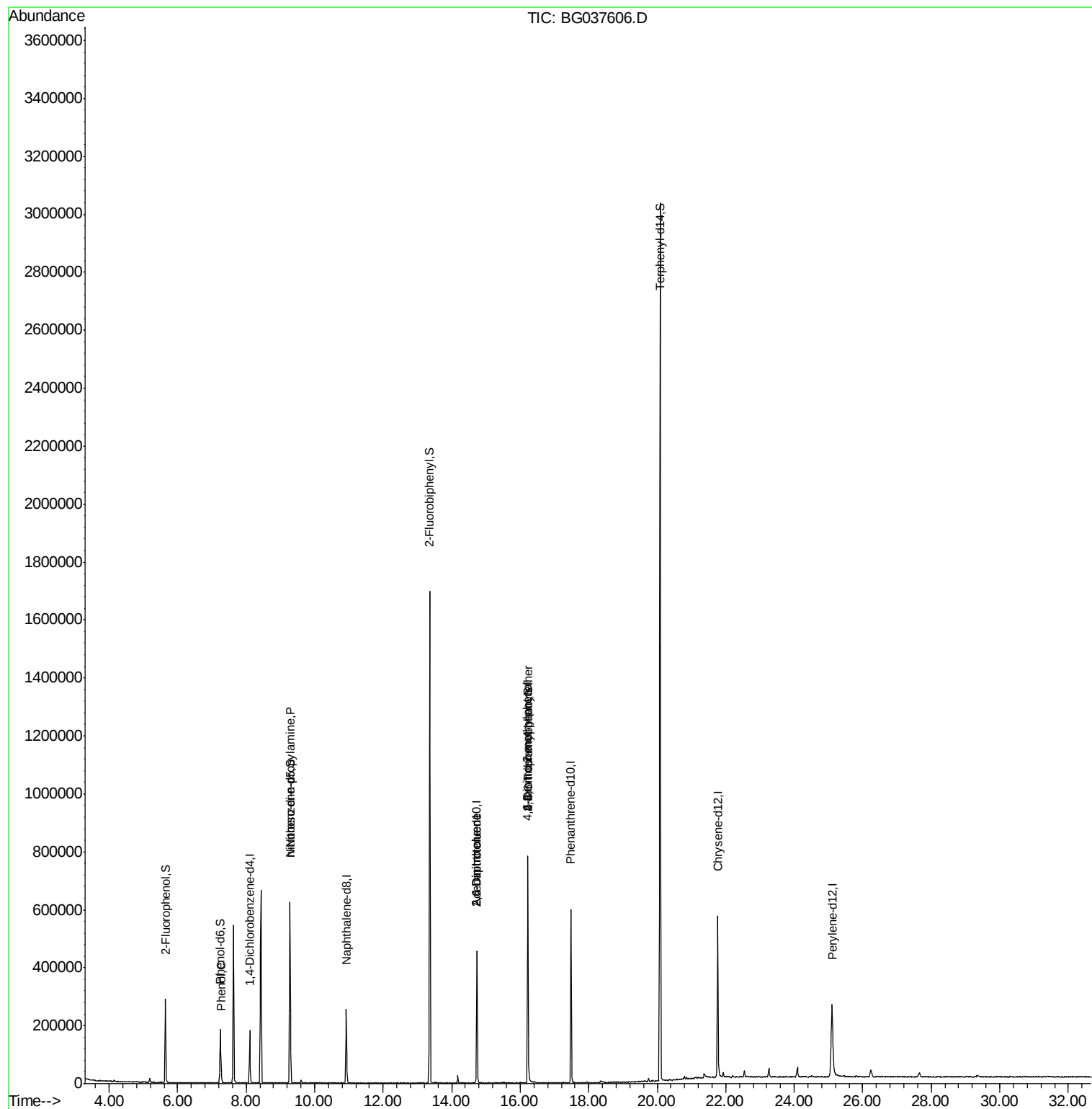
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	52497	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	233920	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	161472	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	384732	20.00	ng	0.00
76) Chrysene-d12	21.76	240	343045	20.00	ng	-0.01
87) Perylene-d12	25.11	264	335733	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	132646	42.24	ng	0.00
7) Phenol-d6	7.25	99	120384	25.35	ng	0.00
23) Nitrobenzene-d5	9.28	82	397218	95.13	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	148591	84.37	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	947986	88.53	ng	-0.01
79) Terphenyl-d14	20.08	244	1433570	89.29	ng	0.00
Target Compounds						
10) Phenol	7.27	94	36348	7.255	ng	97
19) n-Nitroso-di-n-propylamine	9.28	70	49670	15.191	ng	# 73
51) 2,6-Dinitrotoluene	14.74	165	20683	7.485	ng	# 25
57) 2,4-Dinitrotoluene	14.74	165	20683	5.702	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.21	198	89	8.544	ng	86
67) 4-Bromophenyl-phenylether	16.22	248	10254	2.427	ng	# 1

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

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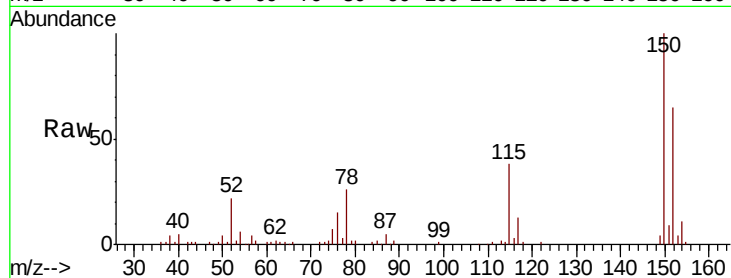


#1

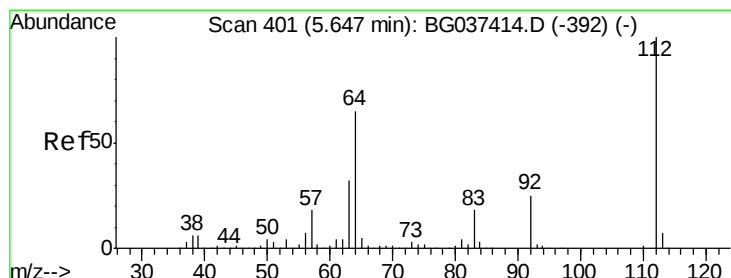
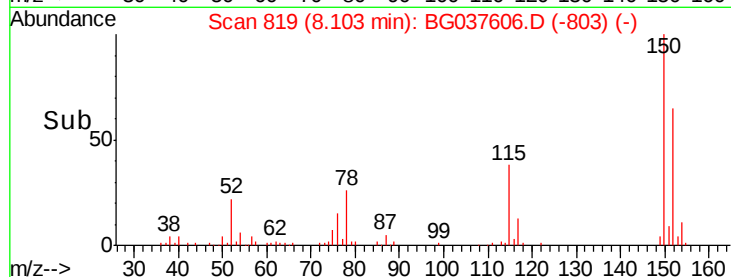
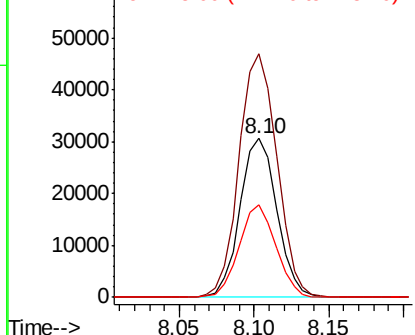
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037606.D
Acq: 27 Oct 2018 7:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 52497
Ion Ratio Lower Upper
152 100
150 153.2 126.0 189.0
115 58.0 45.5 68.3



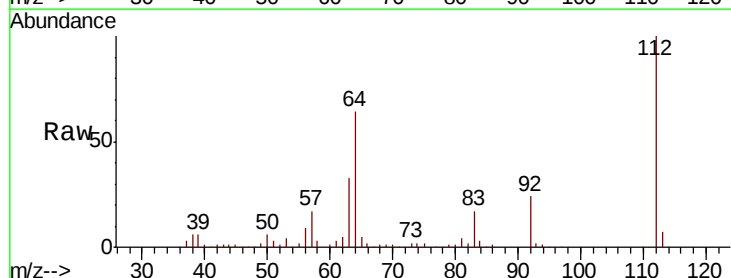
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



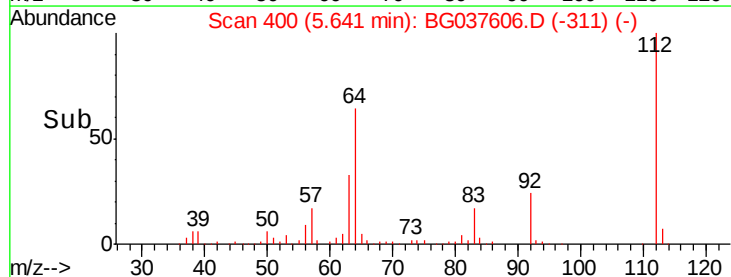
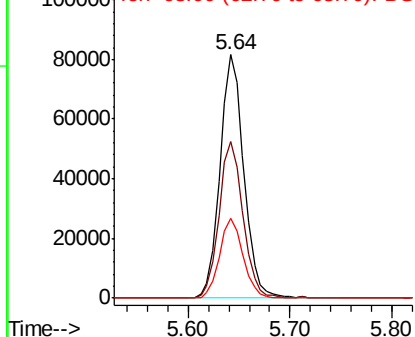
#5

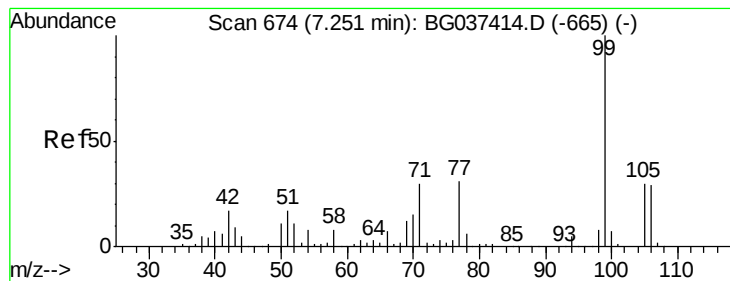
2-Fluorophenol
Concen: 42.243 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037606.D
Acq: 27 Oct 2018 7:34

Tgt Ion:112 Resp: 132646
Ion Ratio Lower Upper
112 100
64 64.3 53.1 79.7
63 32.8 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: 25.354 ng

RT: 7.25 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037606.D

Acq: 27 Oct 2018 7:34

Instrument :

BNA_G

ClientSampleId :

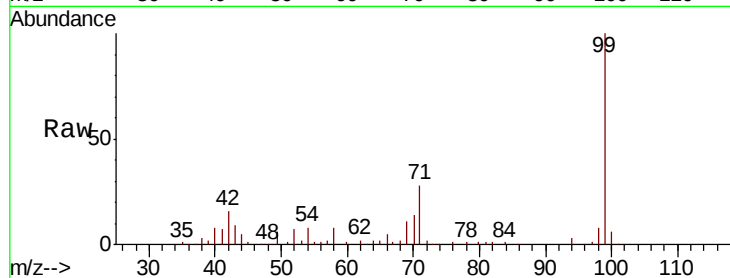
Tot Ion: 99 Resp: 120384

Ion Ratio Lower Upper

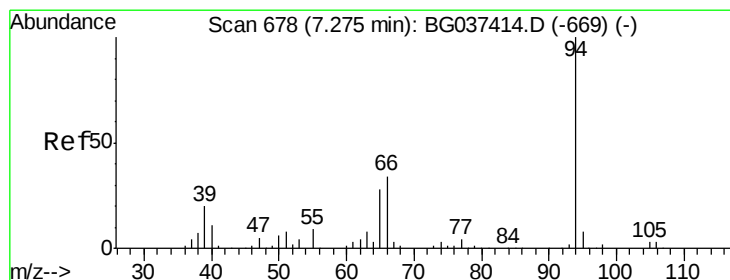
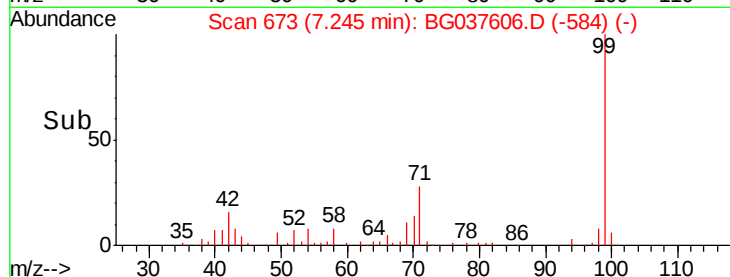
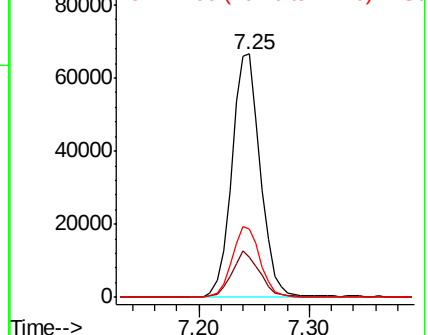
99 100

42 16.4 15.0 22.4

71 27.8 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



#10

Phenol

Concen: 7.255 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037606.D

Acq: 27 Oct 2018 7:34

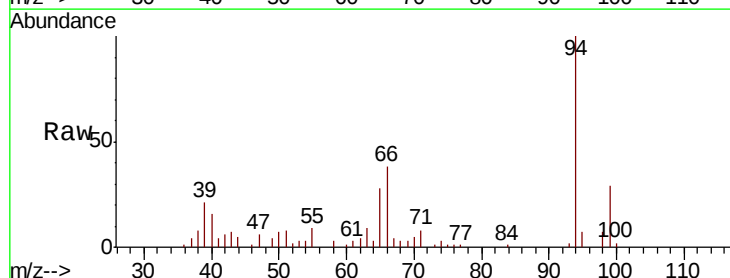
Tgt Ion: 94 Resp: 36348

Ion Ratio Lower Upper

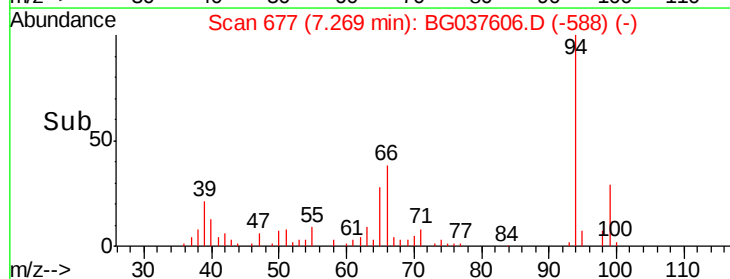
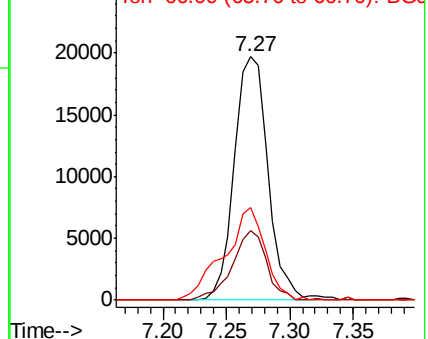
94 100

65 28.5 9.7 49.7

66 38.2 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

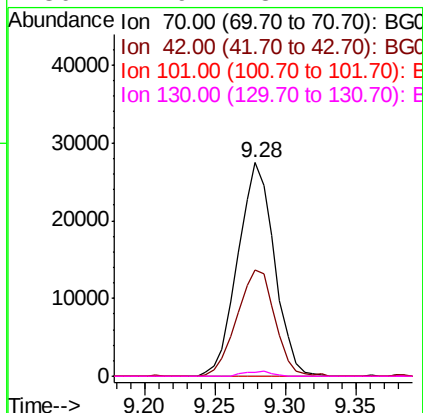
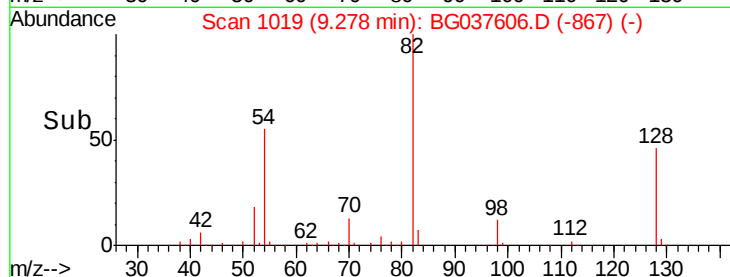
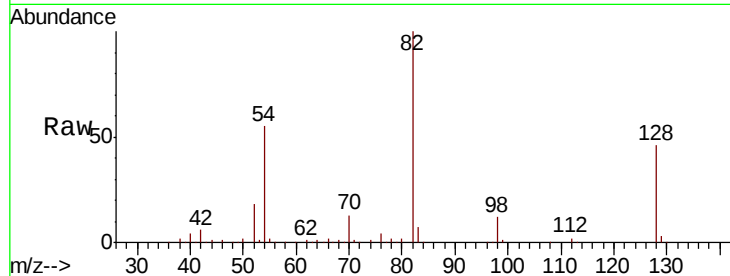




#19
n-Nitroso-di-n-propylamine
Concen: 15.191 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037606.D
Acq: 27 Oct 2018 7:34

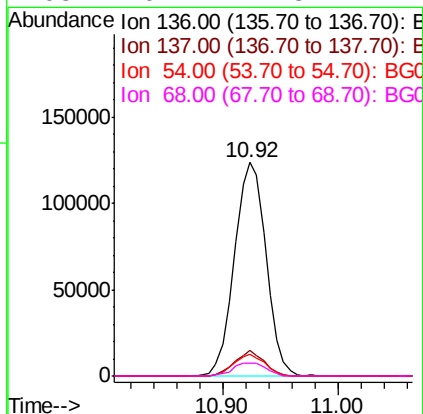
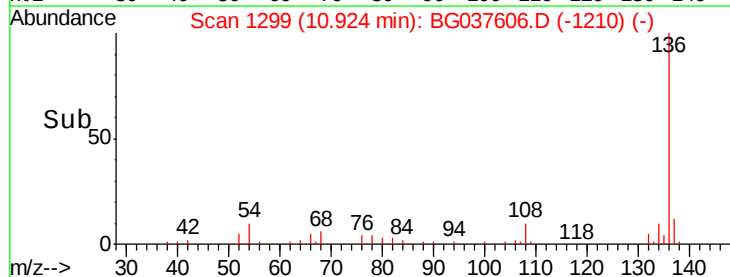
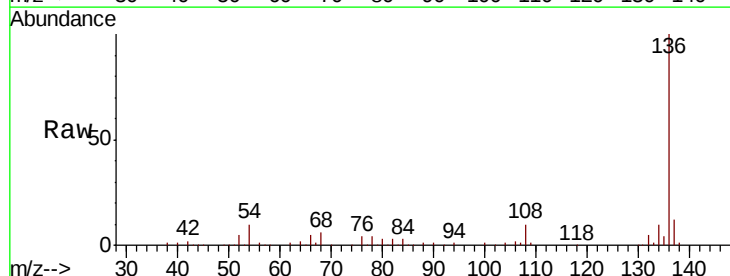
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 49670
Ion Ratio Lower Upper
70 100
42 50.0 53.9 80.9#
101 0.0 8.2 12.2#
130 1.9 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: BG037606.D
Acq: 27 Oct 2018 7:34

Tgt Ion: 136 Resp: 233920
Ion Ratio Lower Upper
136 100
137 11.9 9.6 14.4
54 10.1 7.9 11.9
68 6.2 4.8 7.2

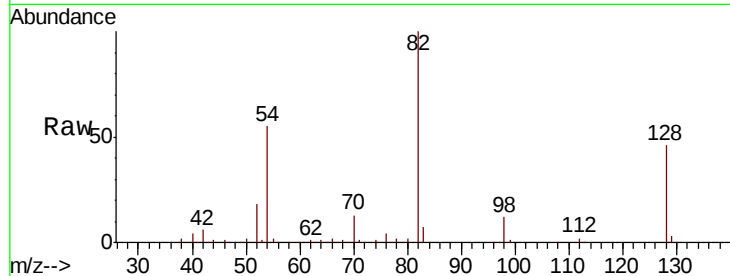




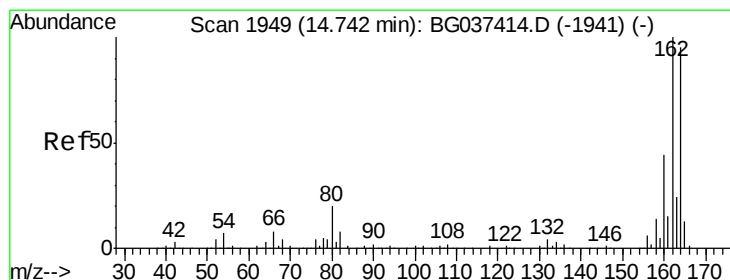
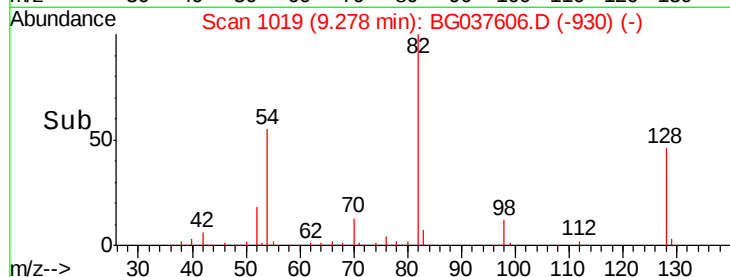
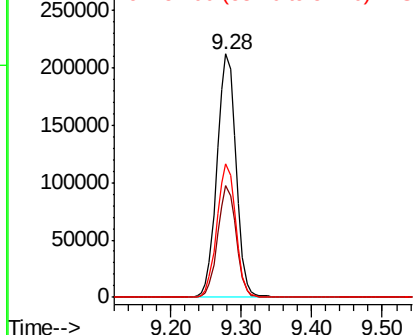
#23
Nitrobenzene-d5
Concen: 95.125 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037606.D
Acq: 27 Oct 2018 7:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	397218
Ion Ratio	Lower	Upper	
82	100		
128	45.7	34.6	51.8
54	54.8	45.3	67.9

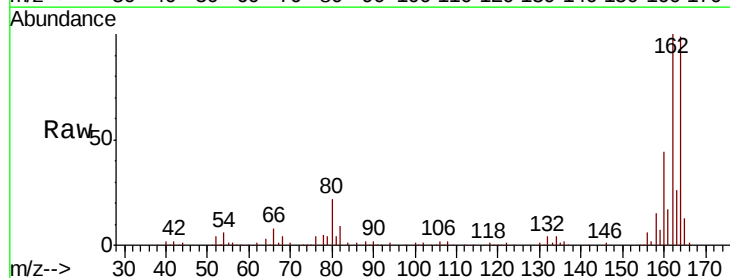


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

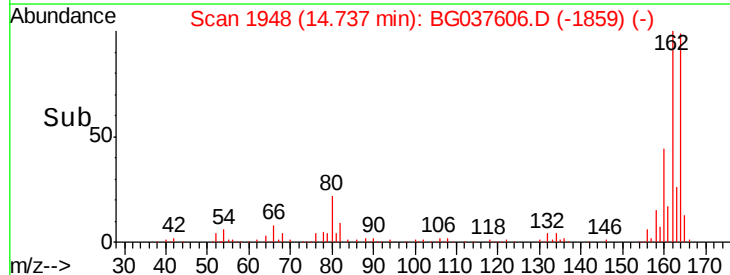
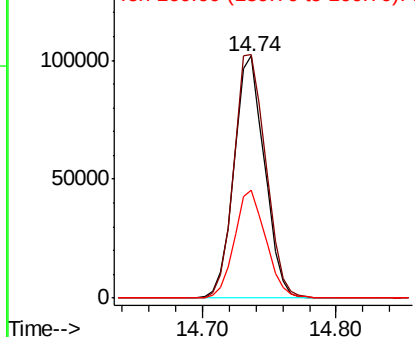


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037606.D
Acq: 27 Oct 2018 7:34

Tgt Ion	164	Resp	161472
Ion Ratio	Lower	Upper	
164	100		
162	100.6	81.3	121.9
160	44.4	36.3	54.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

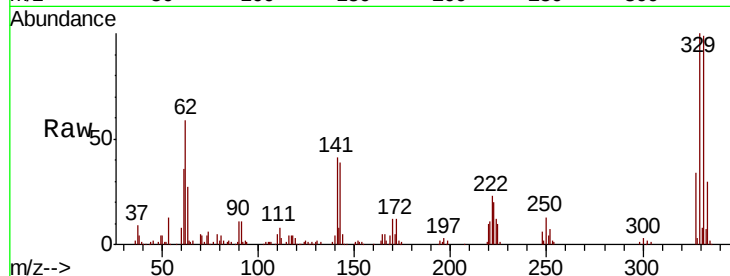




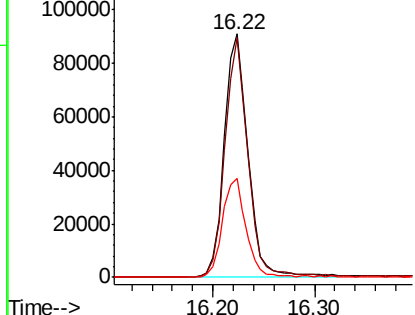
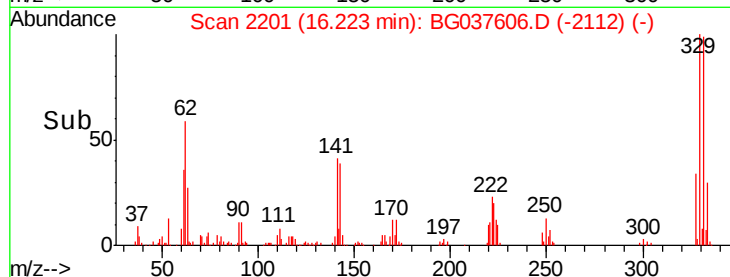
#42
 2,4,6-Tribromophenol
 Concen: 84.371 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037606.D
 Acq: 27 Oct 2018 7:34

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 148591
 Ion Ratio Lower Upper
 330 100
 332 95.4 78.4 117.6
 141 40.4 32.2 48.2

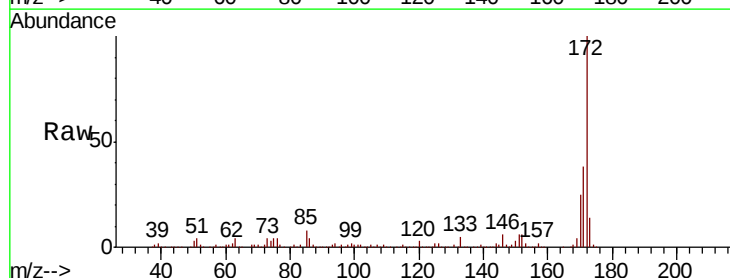


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

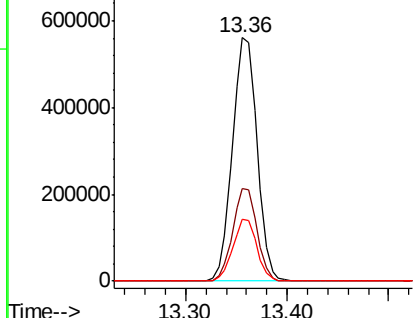
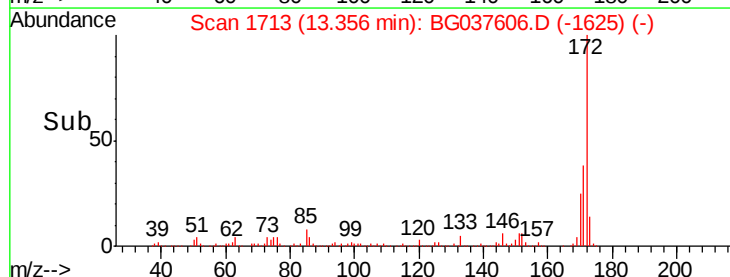


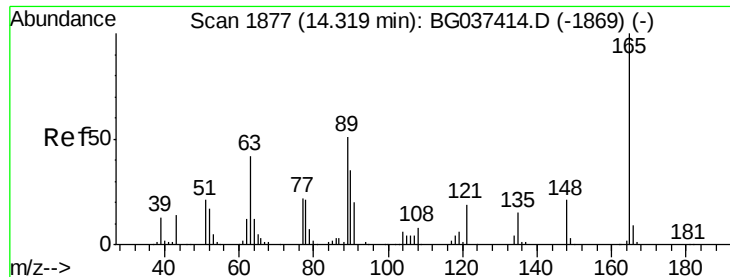
#45
 2-Fluorobiphenyl
 Concen: 88.530 ng
 RT: 13.36 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037606.D
 Acq: 27 Oct 2018 7:34

Tgt Ion:172 Resp: 947986
 Ion Ratio Lower Upper
 172 100
 171 37.9 31.0 46.4
 170 25.2 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

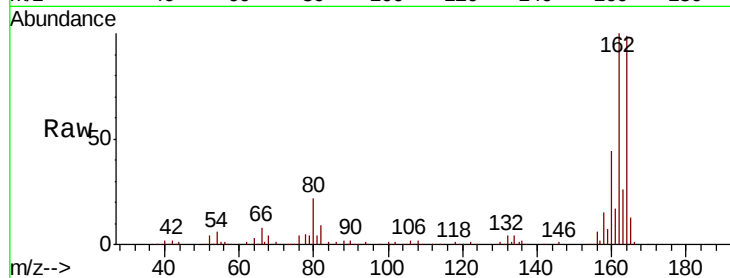




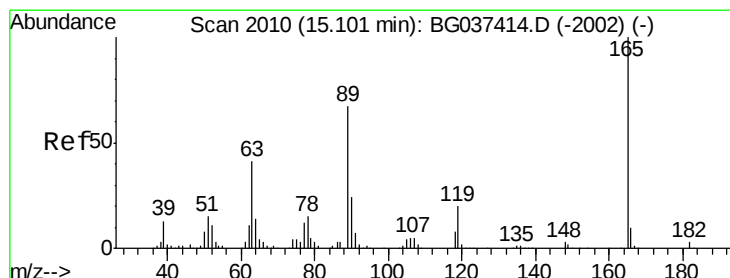
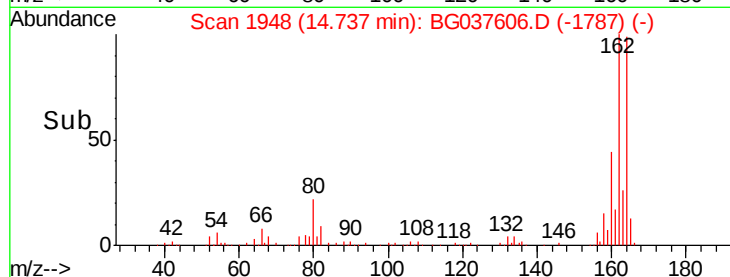
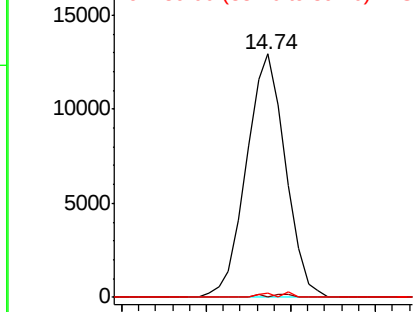
#51
 2,6-Dinitrotoluene
 Concen: 7.485 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. 0.42 min
 Lab File: BG037606.D
 Acq: 27 Oct 2018 7:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	1.7	45.8	68.6#



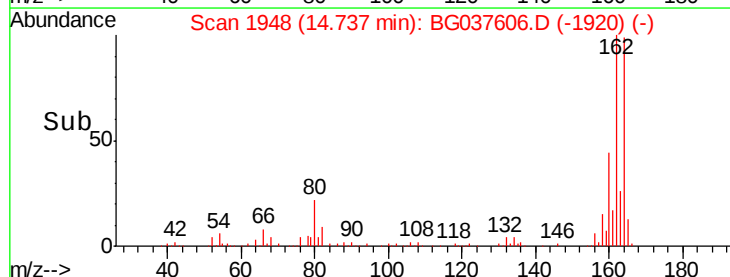
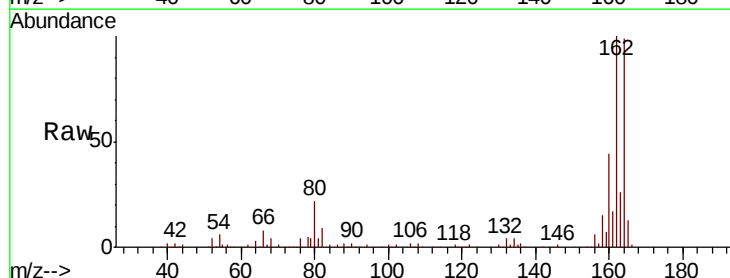
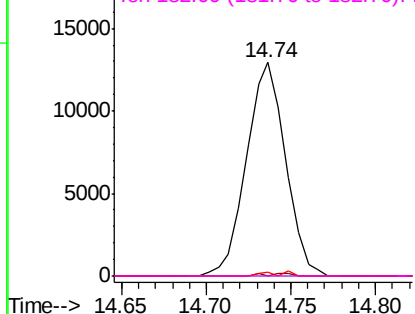
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

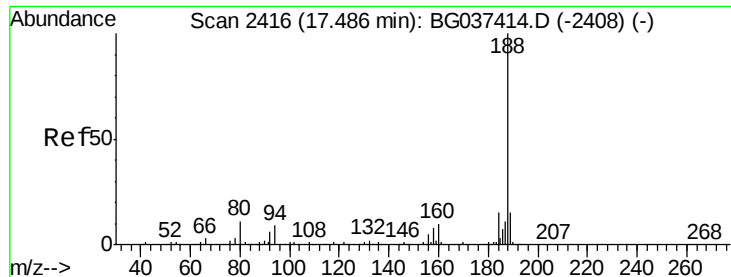


#57
 2,4-Dinitrotoluene
 Concen: 5.702 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. -0.36 min
 Lab File: BG037606.D
 Acq: 27 Oct 2018 7:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	1.7	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: BG037606.D

Acq: 27 Oct 2018 7:34

Instrument :

BNA_G

ClientSampleId :

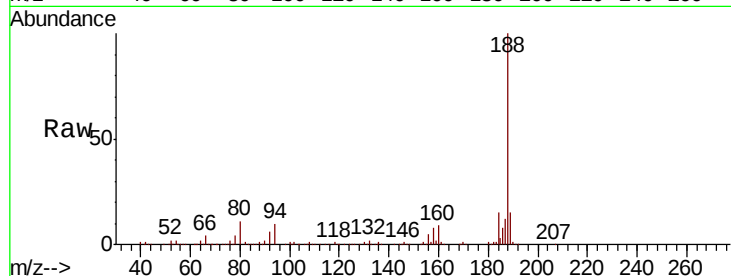
Tot Ion:188 Resp: 384732

Ion Ratio Lower Upper

188 100

94 9.7 7.2 10.8

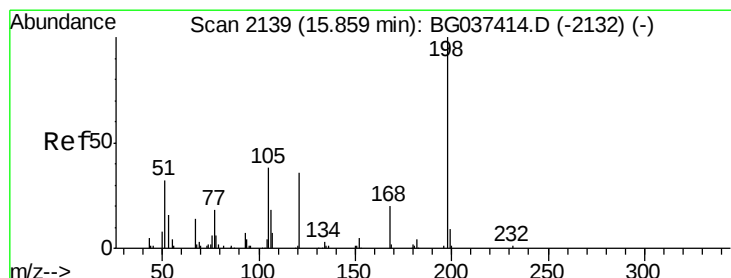
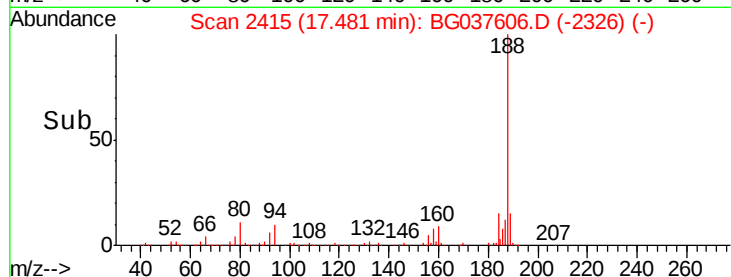
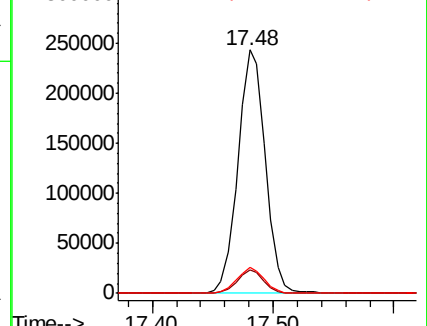
80 10.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#65

4,6-Dinitro-2-methylphenol

Concen: 8.544 ng

RT: 16.21 min Scan# 2199

Delta R.T. 0.35 min

Lab File: BG037606.D

Acq: 27 Oct 2018 7:34

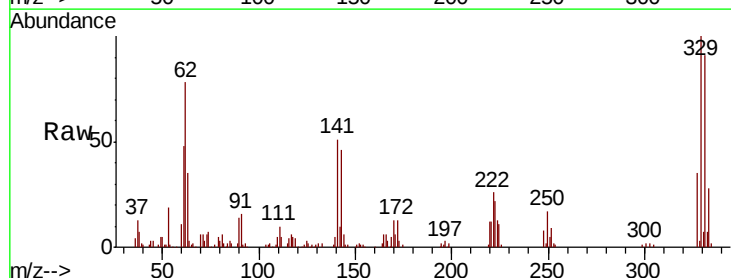
Tgt Ion:198 Resp: 89

Ion Ratio Lower Upper

198 100

51 32.3 22.7 62.7

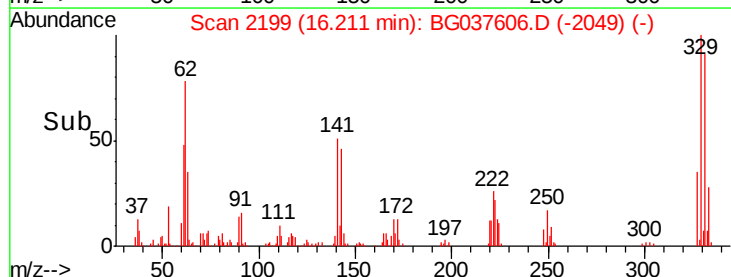
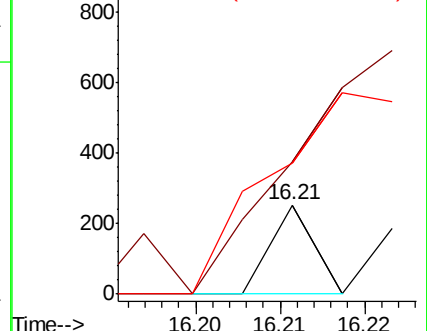
105 32.2 19.7 59.7



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

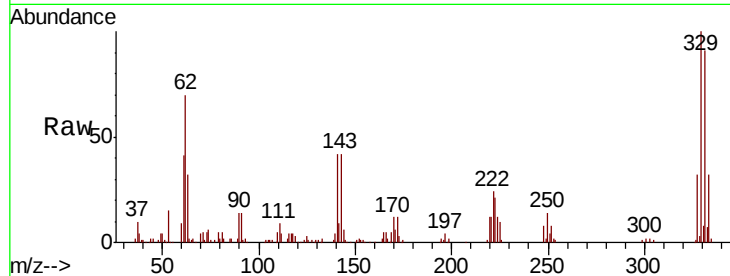




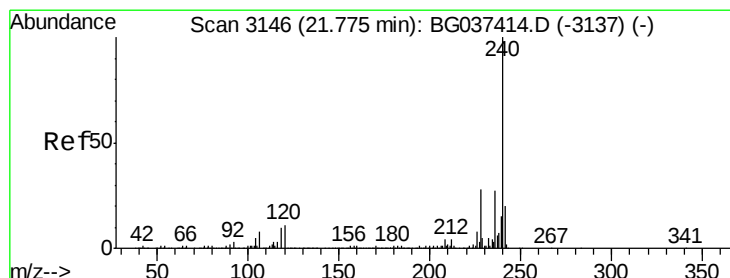
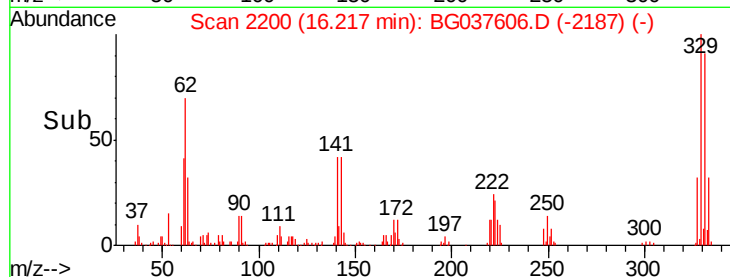
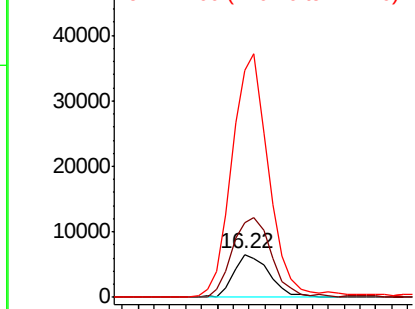
#67
4-Bromophenyl-phenylether
Concen: 2.427 ng
RT: 16.22 min Scan# 2200
Delta R.T. -0.45 min
Lab File: BG037606.D
Acq: 27 Oct 2018 7:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 10254
Ion Ratio Lower Upper
248 100
250 184.9 77.0 115.6#
141 423.4 55.5 83.3#

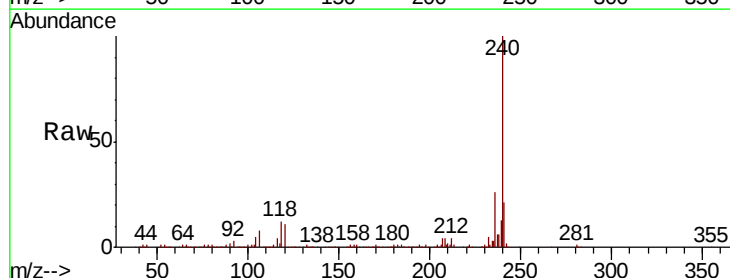


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

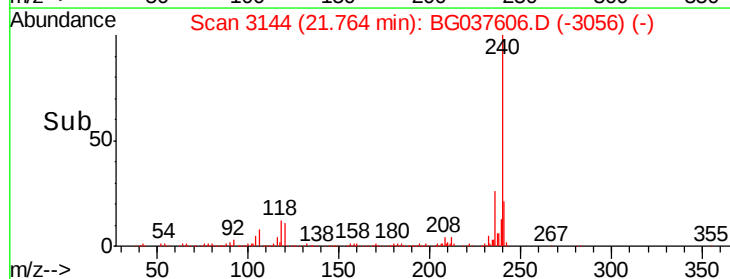
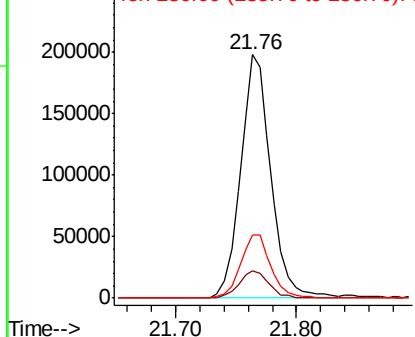


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037606.D
Acq: 27 Oct 2018 7:34

Tgt Ion:240 Resp: 343045
Ion Ratio Lower Upper
240 100
120 11.0 8.1 12.1
236 26.1 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: 89.295 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037606.D

Acq: 27 Oct 2018 7:34

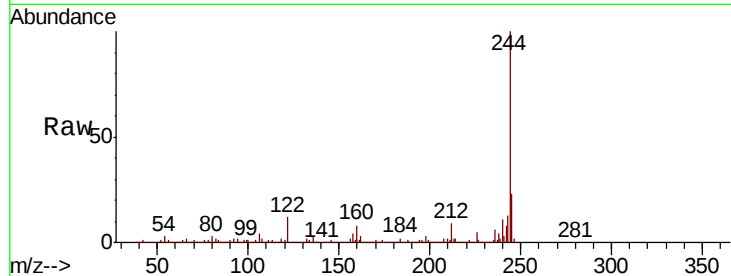
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1433570

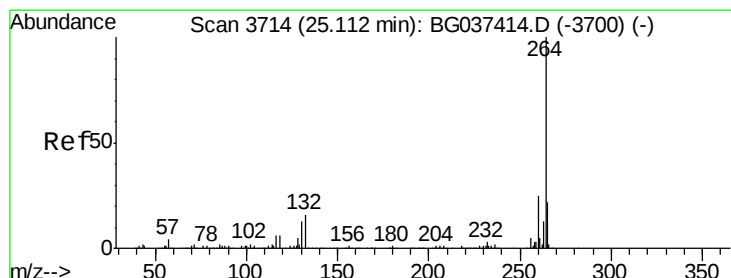
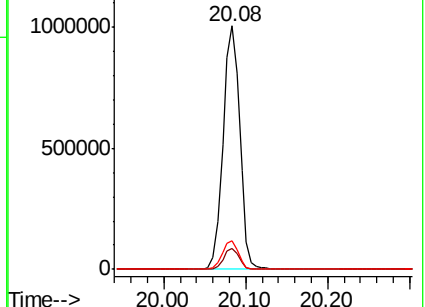
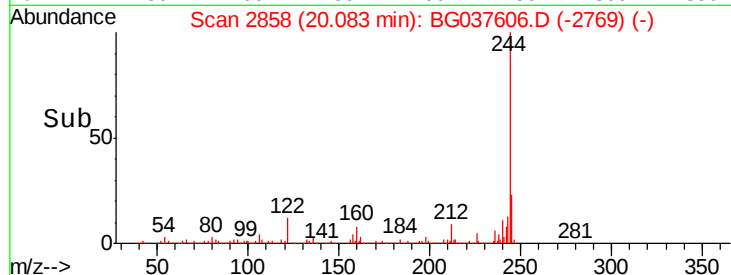
Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.5	9.7
122	11.9	9.0	13.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3713

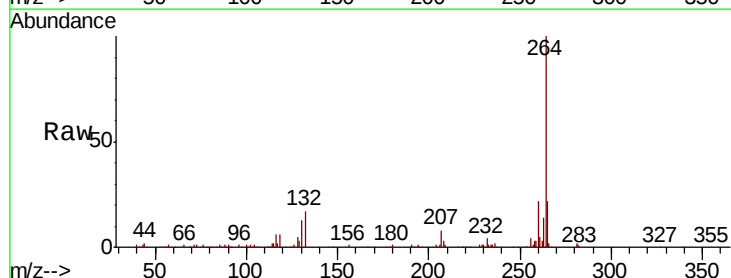
Delta R.T. -0.01 min

Lab File: BG037606.D

Acq: 27 Oct 2018 7:34

Tgt Ion:264 Resp: 335733

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.4
265	21.9	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

