

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
 Data File : BG037379.D
 Acq On : 17 Oct 2018 6:57
 Operator : JU/SJ
 Sample : J5198-20
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 17 08:37:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

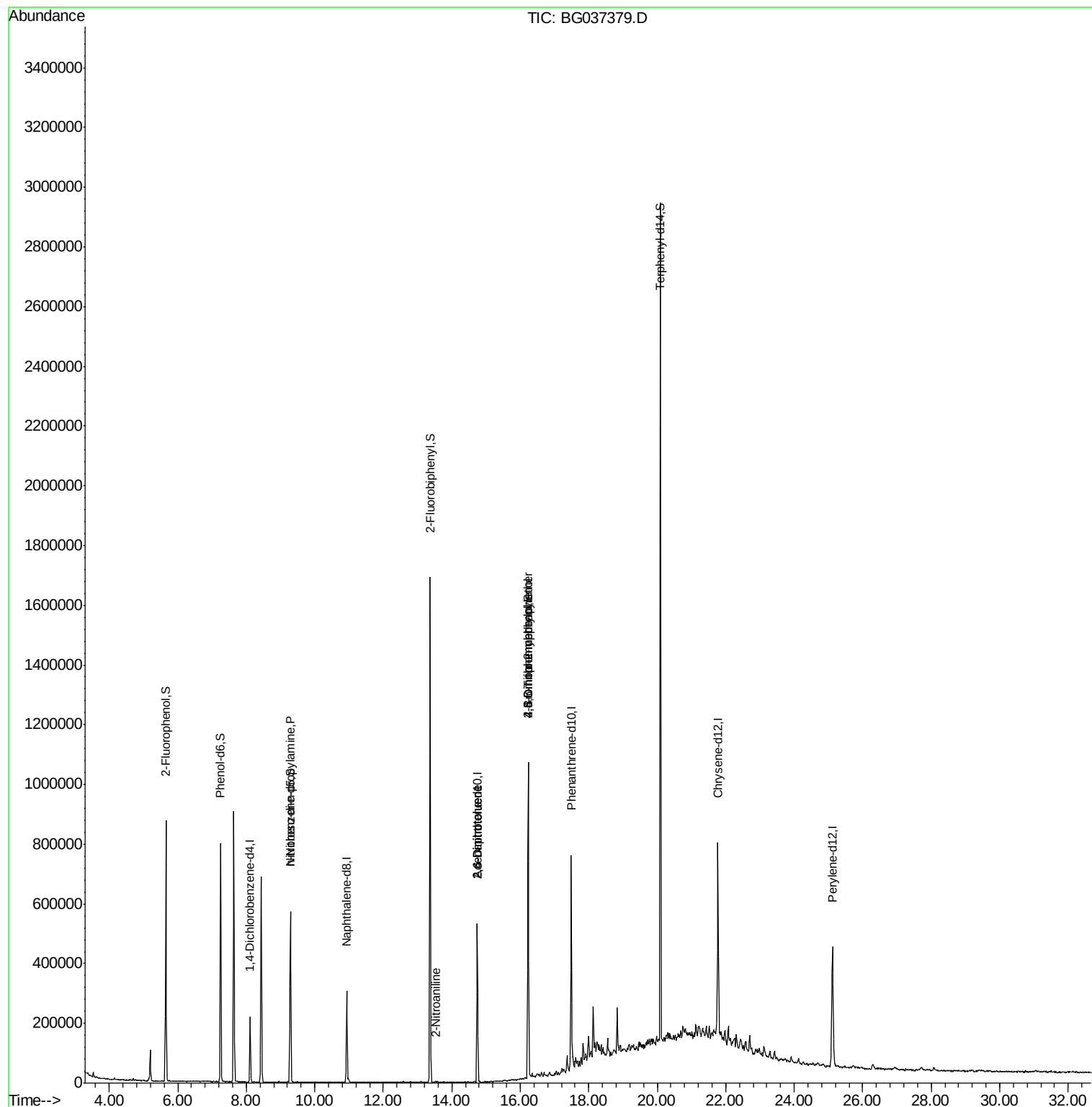
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	64472	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	275356	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	185782	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	442589	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	403630	20.00	ng	-0.02
87) Perylene-d12	25.11	264	431743	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	392124	107.04	ng	0.00
7) Phenol-d6	7.25	99	510441	91.80	ng	0.00
23) Nitrobenzene-d5	9.29	82	361212	86.24	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	194935	106.99	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	904244	73.09	ng	-0.01
79) Terphenyl-d14	20.09	244	1307054	68.00	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.29	70	44861	10.656	ng	# 73
48) 2-Nitroaniline	13.54	65	54	5.770	ng	# 7
51) 2,6-Dinitrotoluene	14.74	165	24281	12.514	ng	# 26
57) 2,4-Dinitrotoluene	14.74	165	24281	11.345	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.23	198	613	6.333	ng	86
67) 4-Bromophenyl-phenylether	16.23	248	13596	2.846	ng	# 1

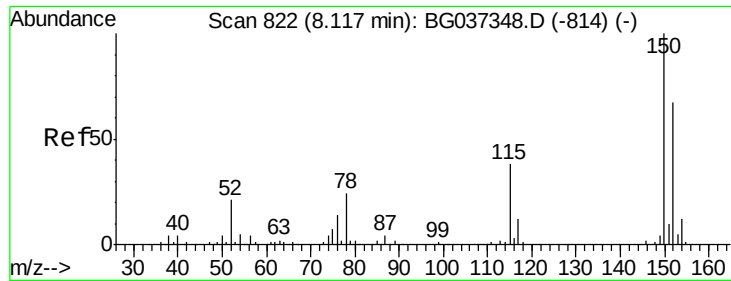
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
ClientSampleId :

Quant Time: Oct 17 08:37:17 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 13:59:58 2018
Response via : Initial Calibration



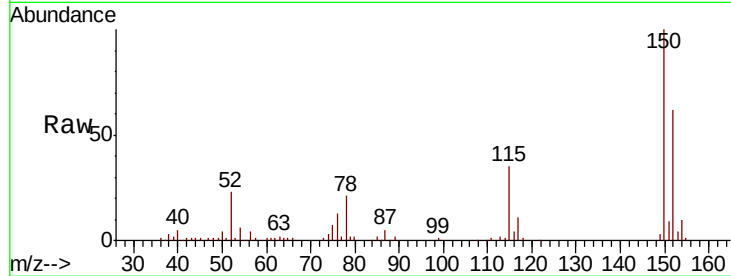


#1

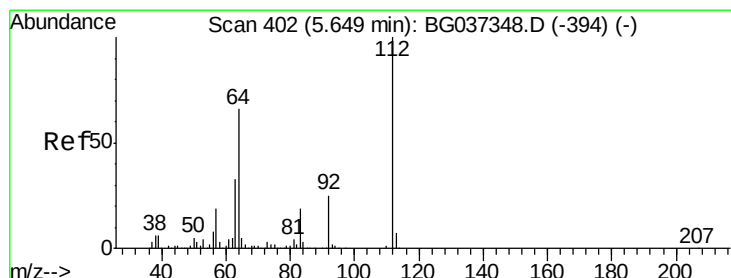
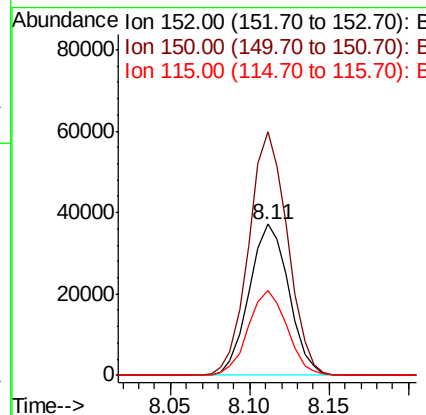
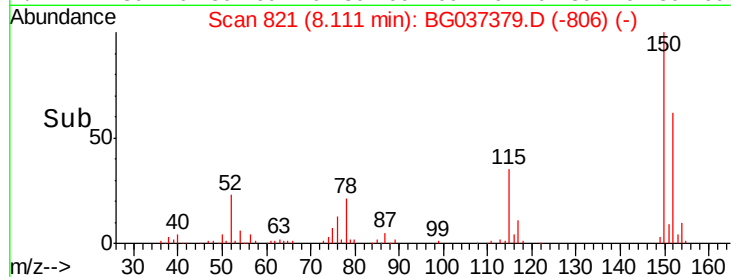
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037379.D
Acq: 17 Oct 2018 6:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.4	126.0	189.0
115	56.2	45.5	68.3



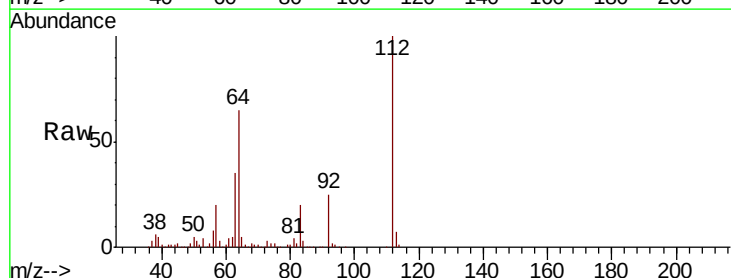
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



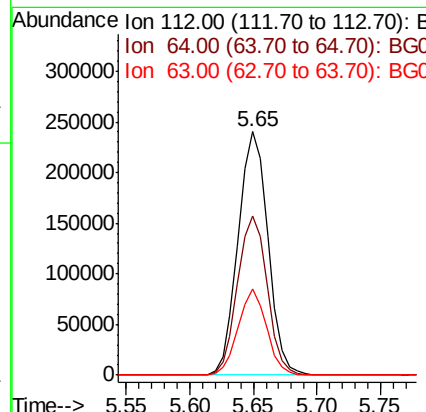
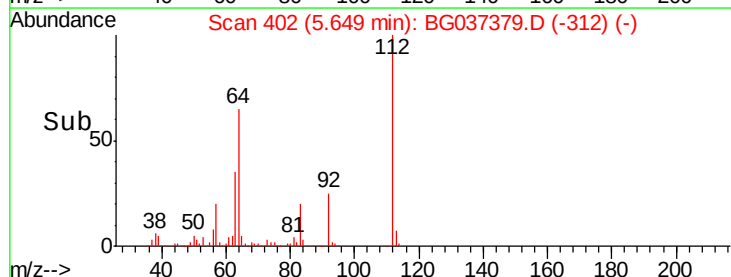
#5

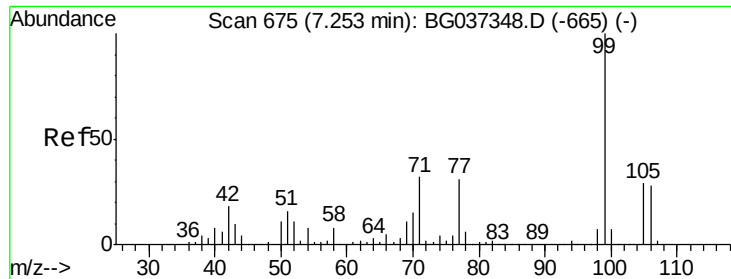
2-Fluorophenol
Concen: 107.039 ng
RT: 5.65 min Scan# 402
Delta R.T. -0.00 min
Lab File: BG037379.D
Acq: 17 Oct 2018 6:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.1	53.1	79.7
63	35.2	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: 91.799 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG037379.D

Acq: 17 Oct 2018 6:57

Instrument :

BNA_G

ClientSampleId :

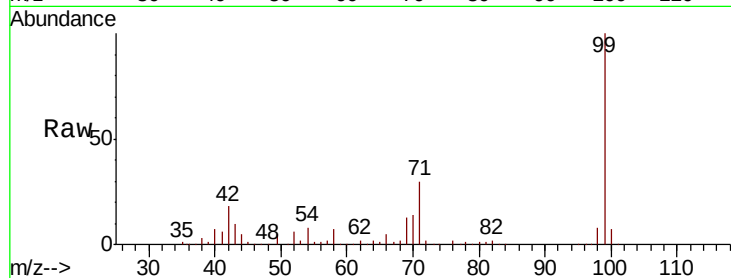
Tot Ion: 99 Resp: 510441

Ion Ratio Lower Upper

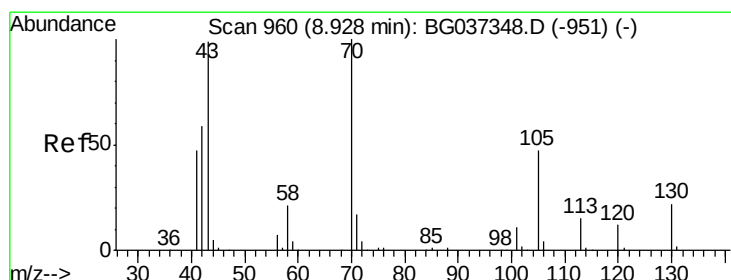
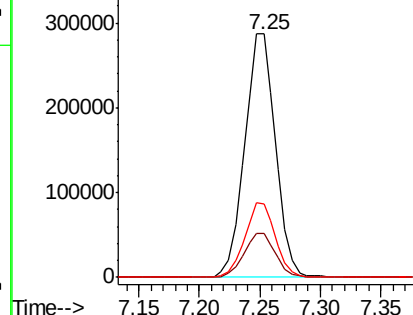
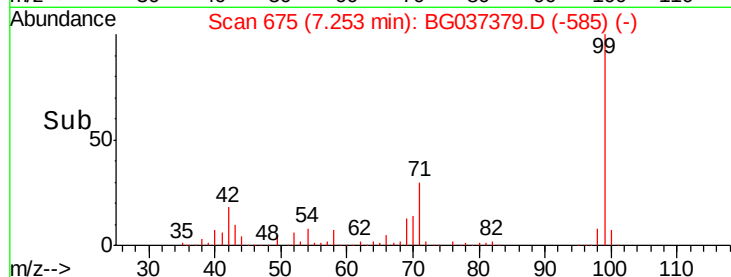
99 100

42 18.2 15.0 22.4

71 30.1 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: 10.656 ng

RT: 9.29 min Scan# 1021

Delta R.T. 0.36 min

Lab File: BG037379.D

Acq: 17 Oct 2018 6:57

Tgt Ion: 70 Resp: 44861

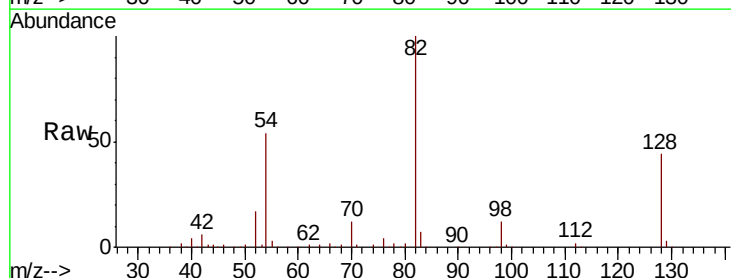
Ion Ratio Lower Upper

70 100

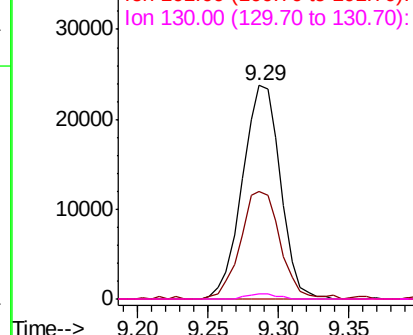
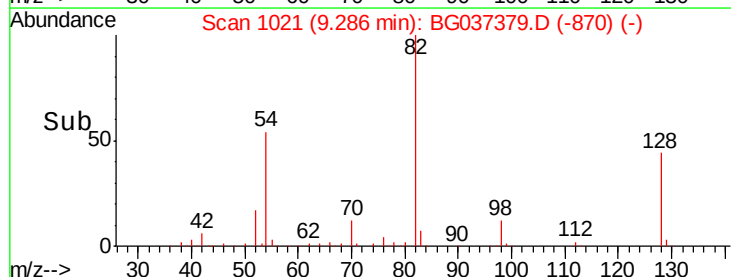
42 50.2 53.9 80.9#

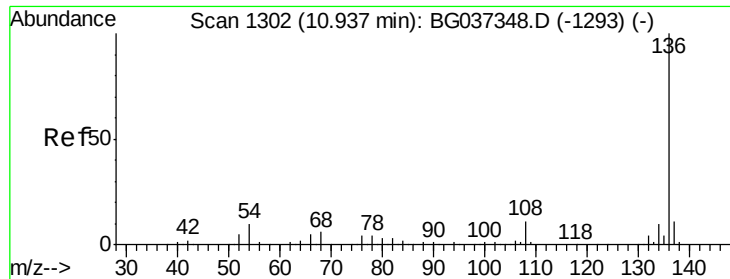
101 0.0 8.2 12.2#

130 2.7 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

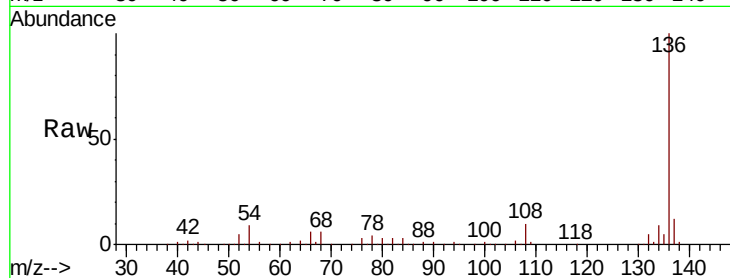




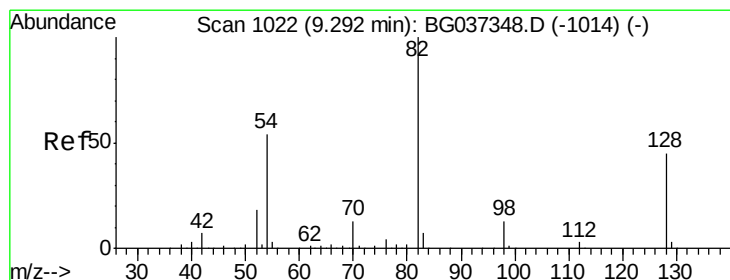
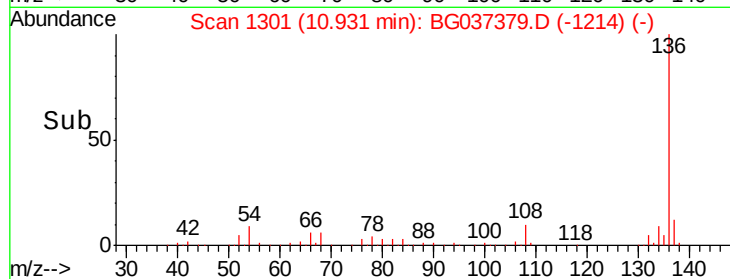
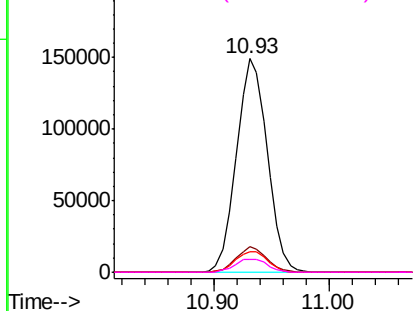
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037379.D
Acq: 17 Oct 2018 6:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	275356
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.6 14.4
54	9.4	7.9 11.9
68	6.2	4.8 7.2

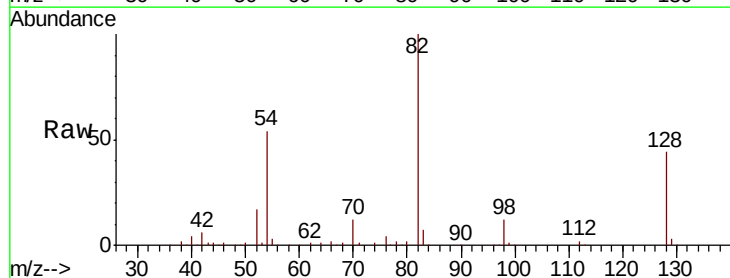


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

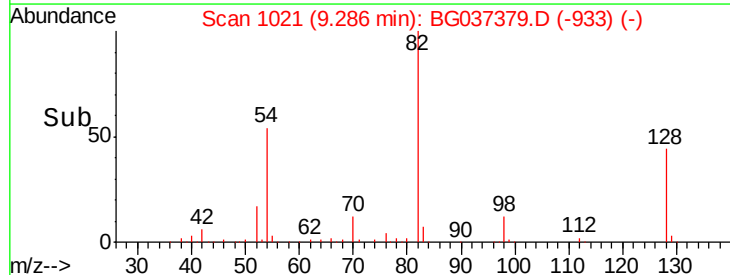
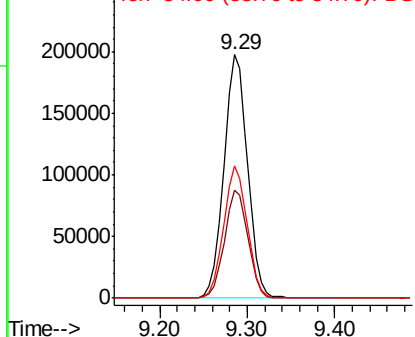


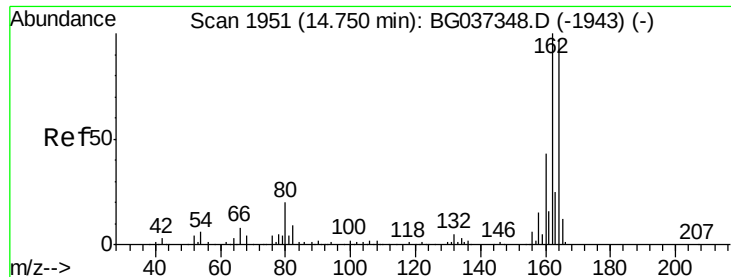
#23
Nitrobenzene-d5
Concen: 86.244 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037379.D
Acq: 17 Oct 2018 6:57

Tgt Ion: 82	Resp:	361212
Ion Ratio	Lower	Upper
82	100	
128	44.3	34.6 51.8
54	54.2	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

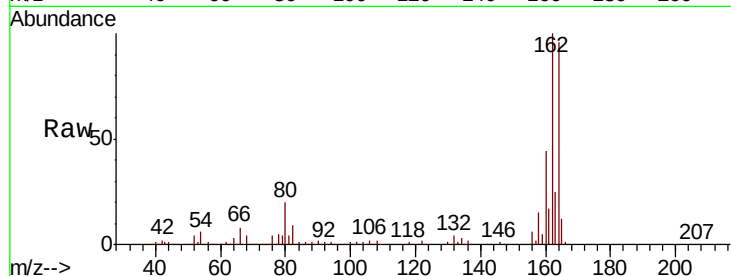




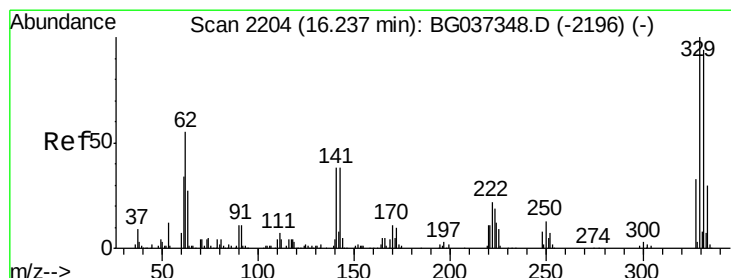
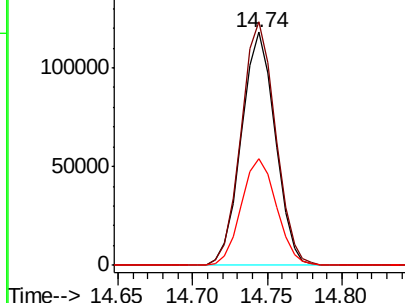
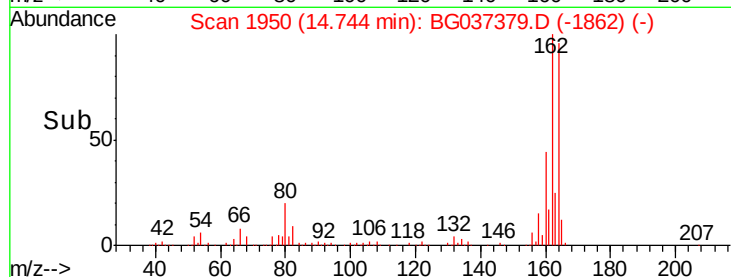
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037379.D
Acq: 17 Oct 2018 6:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 185782
Ion Ratio Lower Upper
164 100
162 104.4 81.3 121.9
160 46.0 36.3 54.5

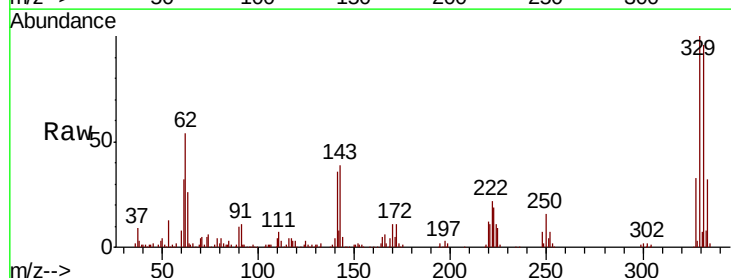


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

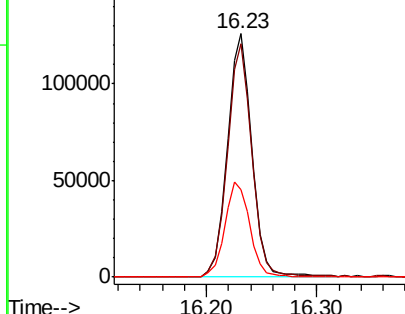
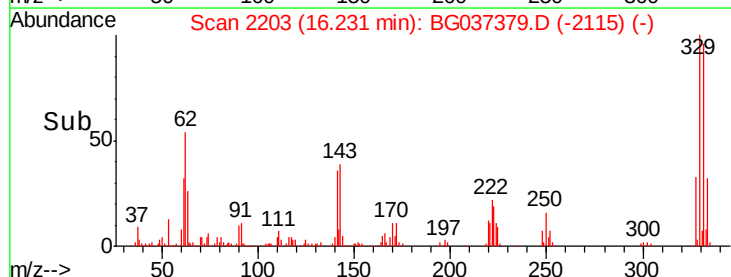


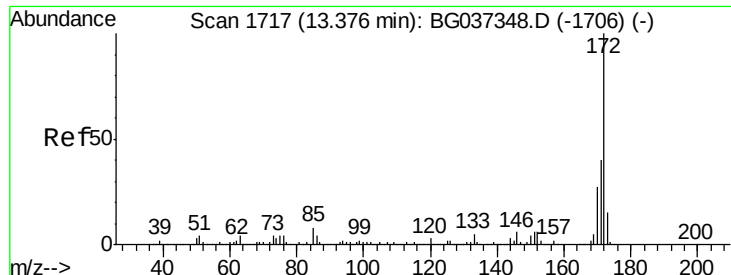
#42
2,4,6-Tribromophenol
Concen: 106.989 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG037379.D
Acq: 17 Oct 2018 6:57

Tgt Ion:330 Resp: 194935
Ion Ratio Lower Upper
330 100
332 96.3 78.4 117.6
141 39.8 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

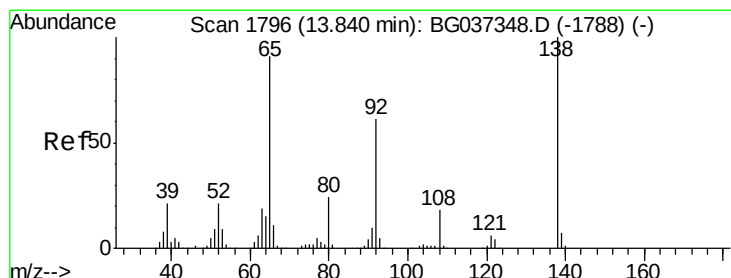
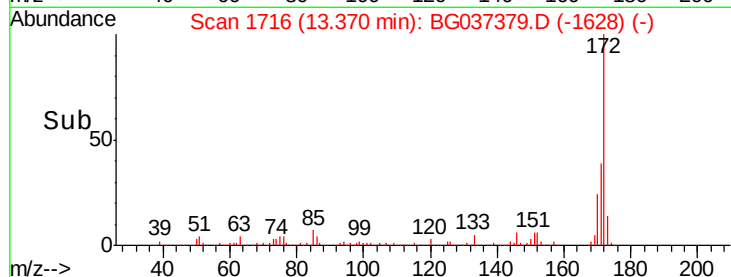
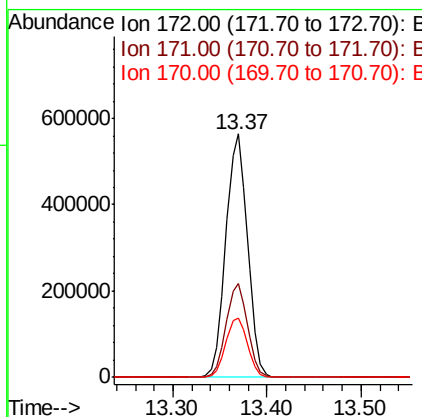
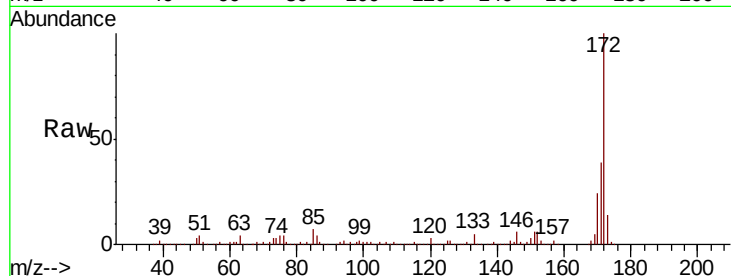




#45
 2-Fluorobiphenyl
 Concen: 73.094 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG037379.D
 Acq: 17 Oct 2018 6:57

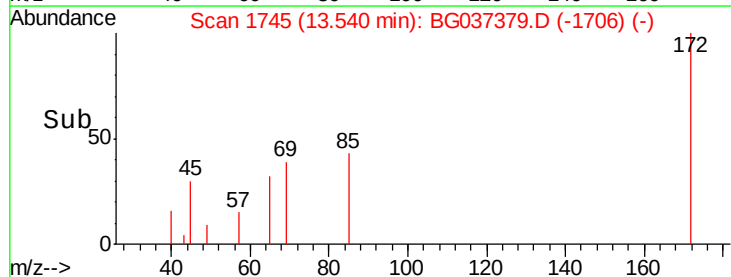
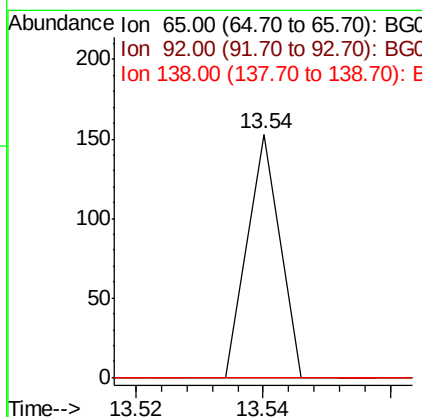
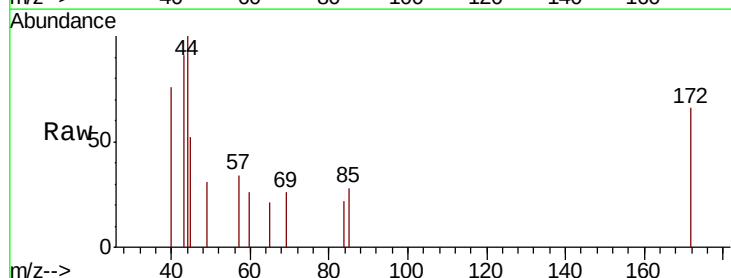
Instrument :
 BNA_G
 ClientSampleId :

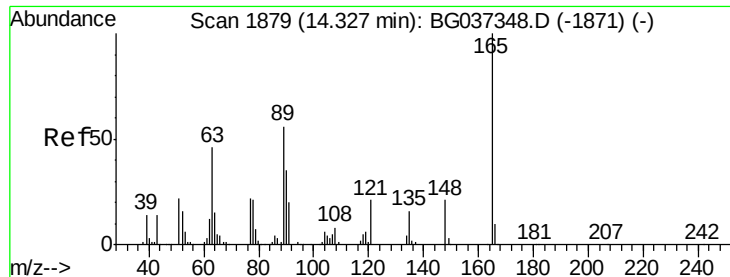
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.0	46.4
170	24.3	20.2	30.2



#48
 2-Nitroaniline
 Concen: 5.770 ng
 RT: 13.54 min Scan# 1745
 Delta R.T. -0.30 min
 Lab File: BG037379.D
 Acq: 17 Oct 2018 6:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	0.0	53.2	79.8#
138	0.0	79.3	118.9#

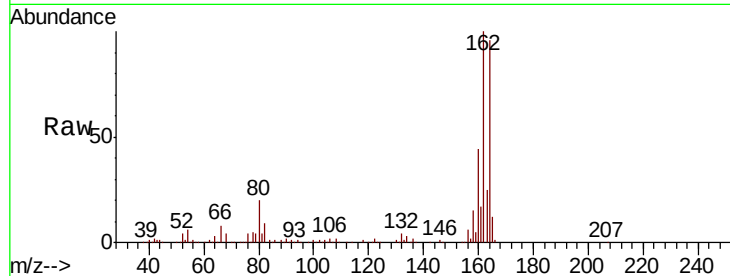




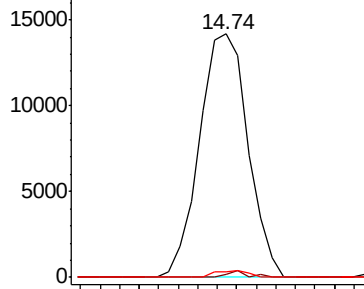
#51
 2,6-Dinitrotoluene
 Concen: 12.514 ng
 RT: 14.74 min Scan# 1950
 Delta R.T. 0.41 min
 Lab File: BG037379.D
 Acq: 17 Oct 2018 6:57

Instrument :
 BNA_G
 ClientSampleId :

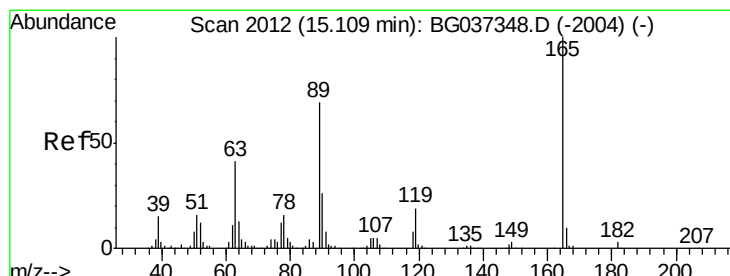
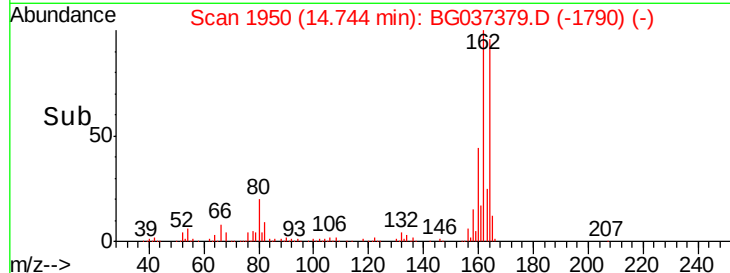
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.4	65.2#
89	2.2	45.8	68.6#



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



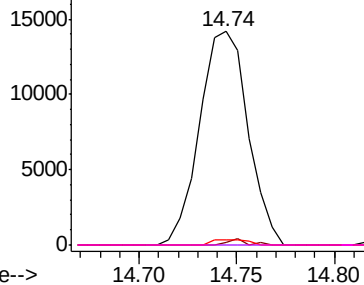
Time-->



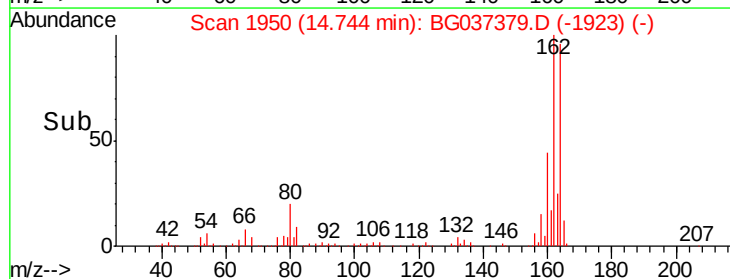
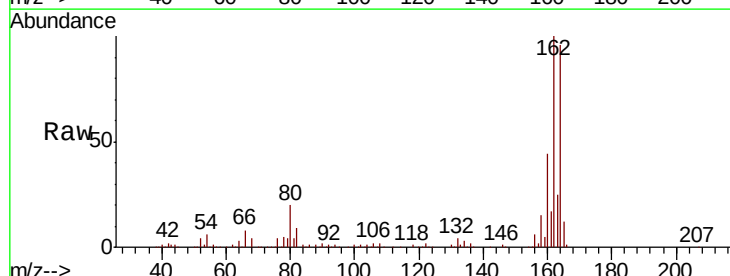
#57
 2,4-Dinitrotoluene
 Concen: 11.345 ng
 RT: 14.74 min Scan# 1950
 Delta R.T. -0.37 min
 Lab File: BG037379.D
 Acq: 17 Oct 2018 6:57

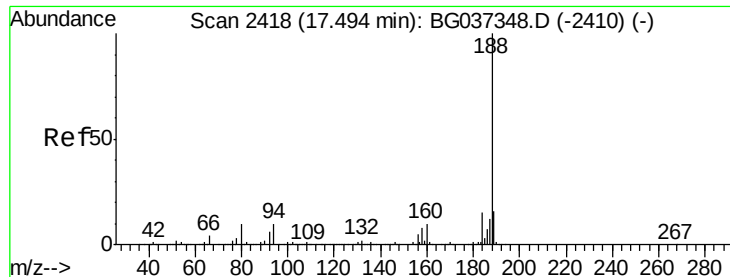
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.4	50.0#
89	2.2	57.2	85.8#
182	0.0	2.6	4.0#

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



Time-->

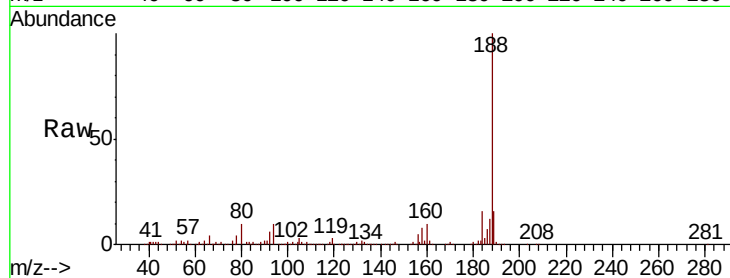




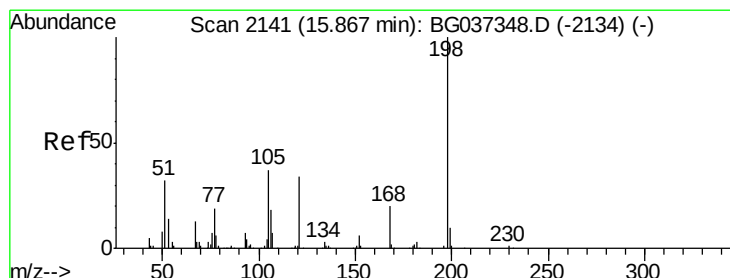
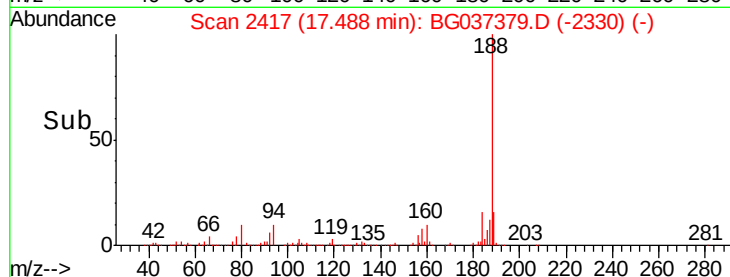
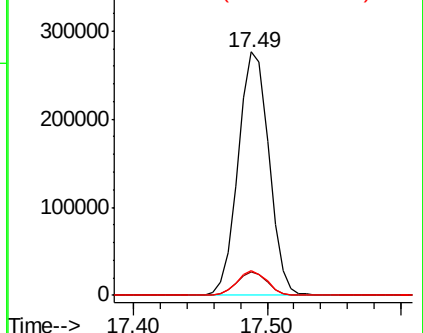
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG037379.D
Acq: 17 Oct 2018 6:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 442589
Ion Ratio Lower Upper
188 100
94 9.8 7.2 10.8
80 10.2 7.7 11.5

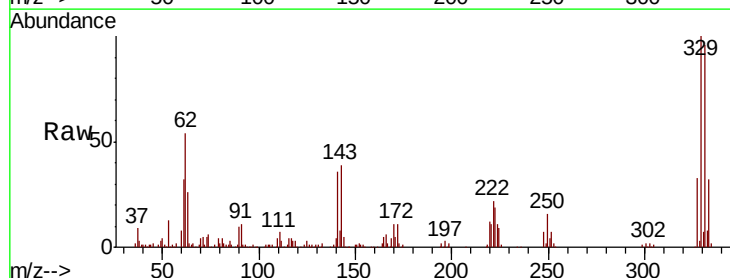


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

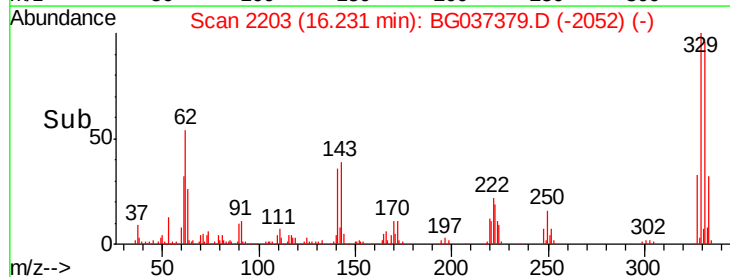
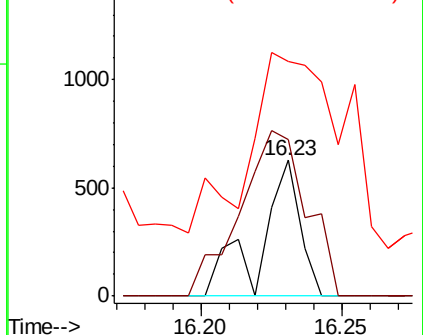


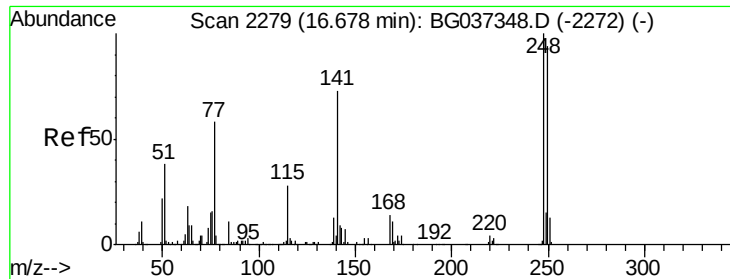
#65
4,6-Dinitro-2-methylphenol
Concen: 6.333 ng
RT: 16.23 min Scan# 2203
Delta R.T. 0.36 min
Lab File: BG037379.D
Acq: 17 Oct 2018 6:57

Tgt Ion:198 Resp: 613
Ion Ratio Lower Upper
198 100
51 28.6 22.7 62.7
105 42.7 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

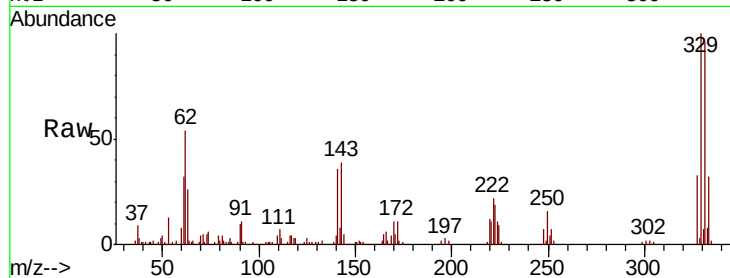




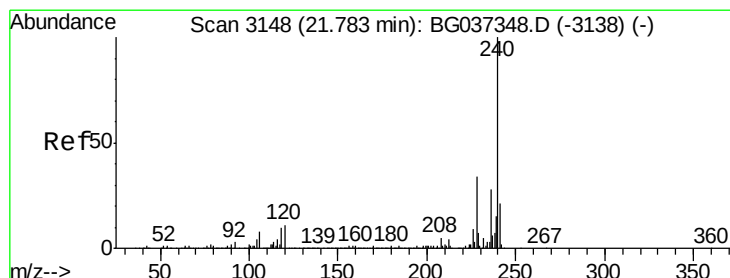
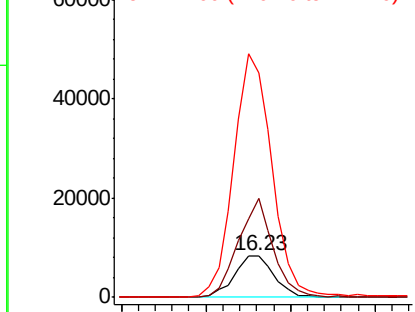
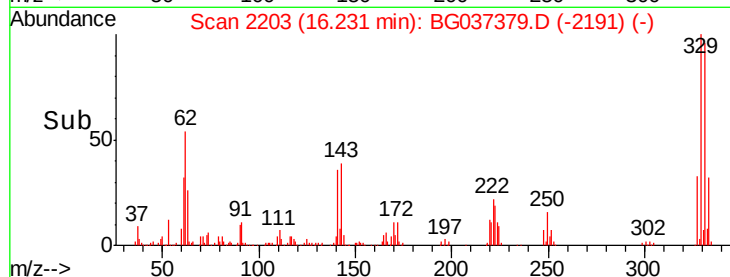
#67
4-Bromophenyl-phenylether
Concen: 2.846 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.46 min
Lab File: BG037379.D
Acq: 17 Oct 2018 6:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 13596
Ion Ratio Lower Upper
248 100
250 220.5 77.0 115.6#
141 394.5 55.5 83.3#

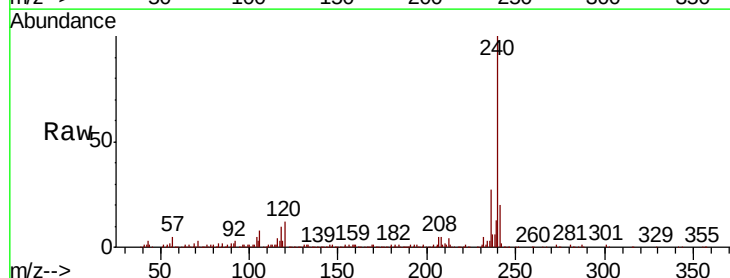


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

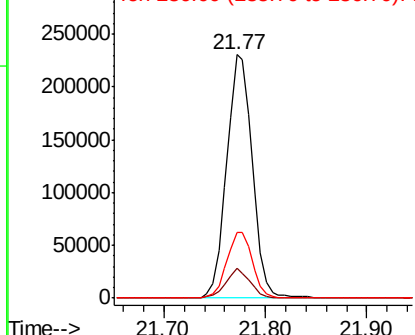
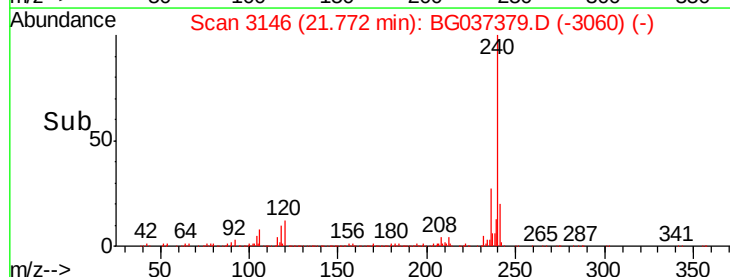


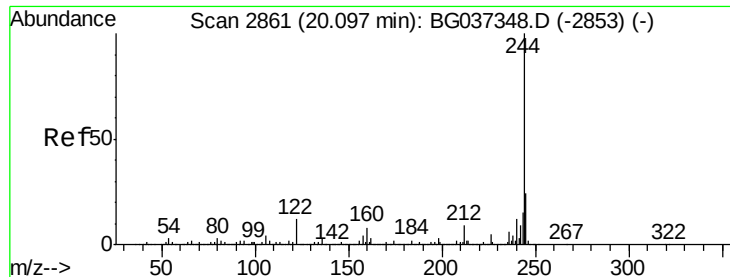
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG037379.D
Acq: 17 Oct 2018 6:57

Tgt Ion:240 Resp: 403630
Ion Ratio Lower Upper
240 100
120 12.1 8.1 12.1
236 27.0 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: 67.995 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG037379.D

Acq: 17 Oct 2018 6:57

Instrument :

BNA_G

ClientSampleId :

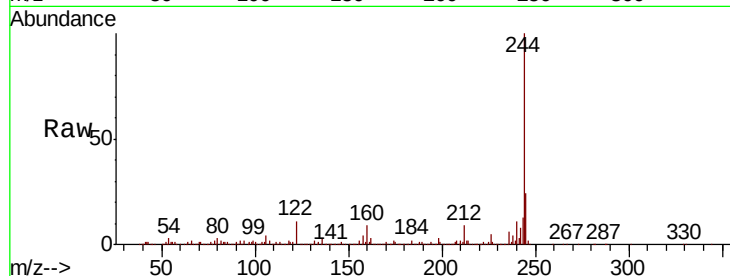
Tot Ion:244 Resp: 1307054

Ion Ratio Lower Upper

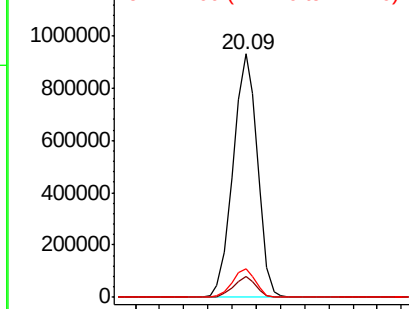
244 100

212 8.6 6.5 9.7

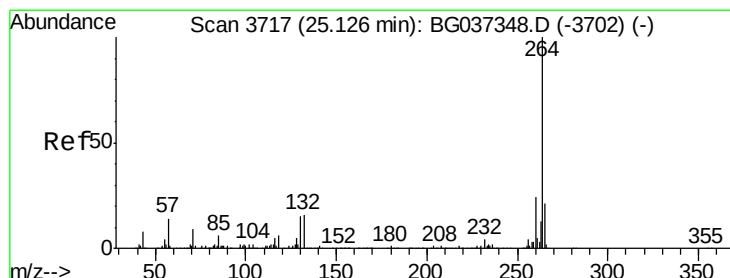
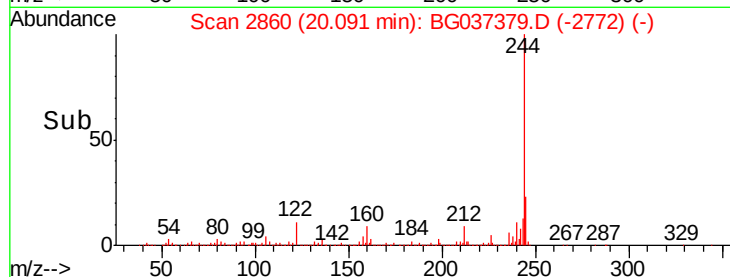
122 11.5 9.0 13.4



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



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3715

Delta R.T. -0.03 min

Lab File: BG037379.D

Acq: 17 Oct 2018 6:57

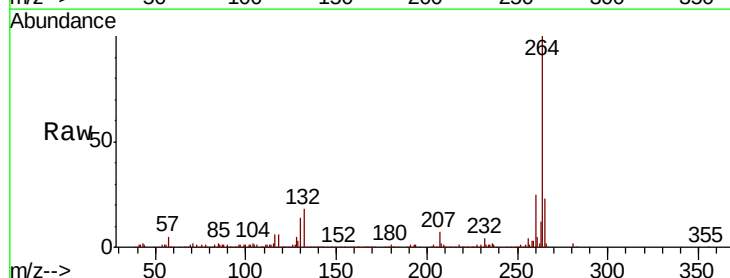
Tgt Ion:264 Resp: 431743

Ion Ratio Lower Upper

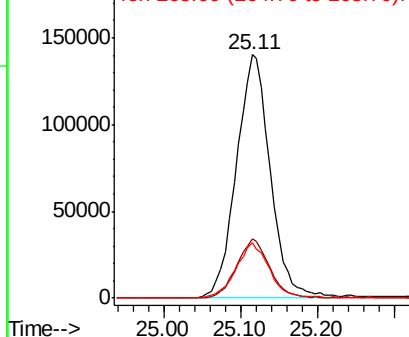
264 100

260 24.6 18.2 27.4

265 22.6 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



Time-->

