

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
 Data File : BG037679.D
 Acq On : 31 Oct 2018 8:19
 Operator : JU/SJ
 Sample : J5722-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 31 09:26:04 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

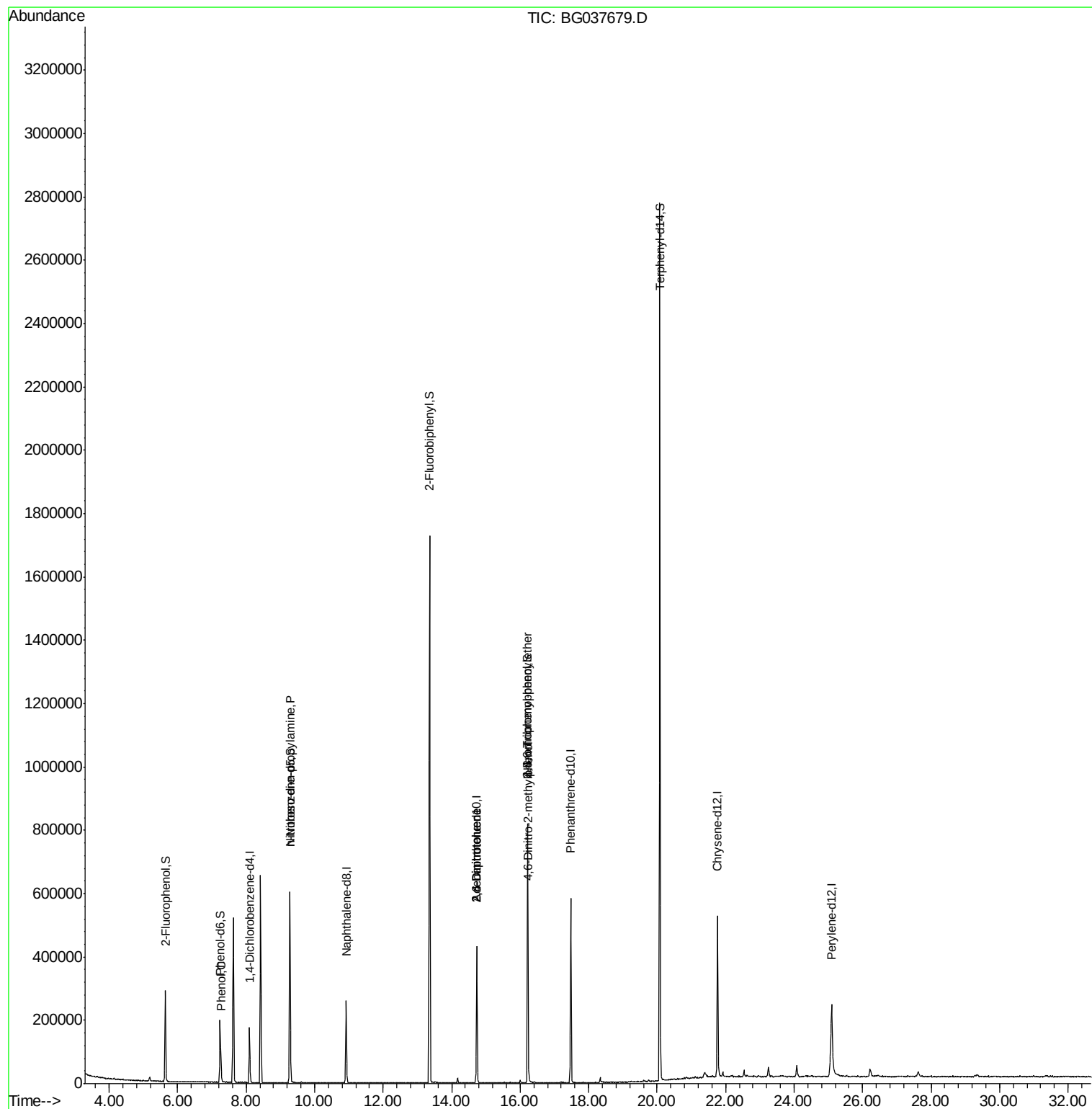
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	52730	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	232294	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	158294	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	367635	20.00	ng	0.00
76) Chrysene-d12	21.76	240	331631	20.00	ng	-0.01
87) Perylene-d12	25.10	264	301098	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	134953	42.79	ng	0.00
7) Phenol-d6	7.24	99	124501	26.11	ng	-0.01
23) Nitrobenzene-d5	9.28	82	390686	94.22	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	153445	88.88	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	930812	88.67	ng	-0.01
79) Terphenyl-d14	20.08	244	1363304	87.84	ng	-0.01
Target Compounds						
10) Phenol	7.27	94	34223	6.801	ng	98
19) n-Nitroso-di-n-propylamine	9.28	70	50308	15.318	ng	# 72
51) 2,6-Dinitrotoluene	14.73	165	20260	7.479	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	20260	5.697	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.23	198	370	8.665	ng	# 52
67) 4-Bromophenyl-phenylether	16.22	248	10735	2.659	ng	# 1

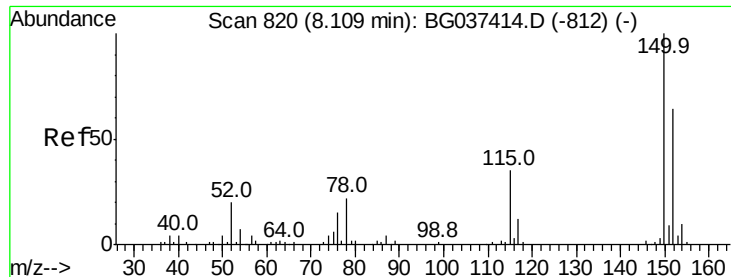
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
Data File : BG037679.D
Acq On : 31 Oct 2018 8:19
Operator : JU/SJ
Sample : J5722-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 31 09:26:04 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



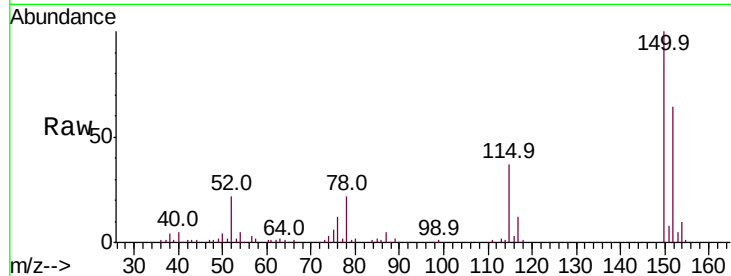


#1

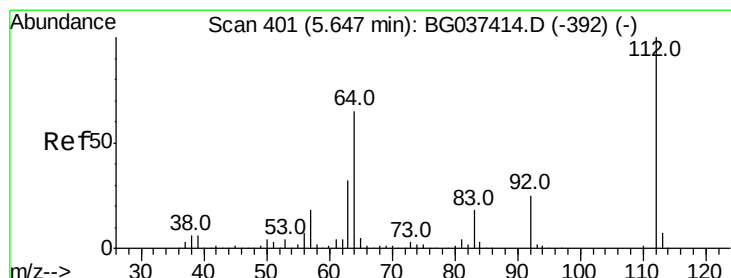
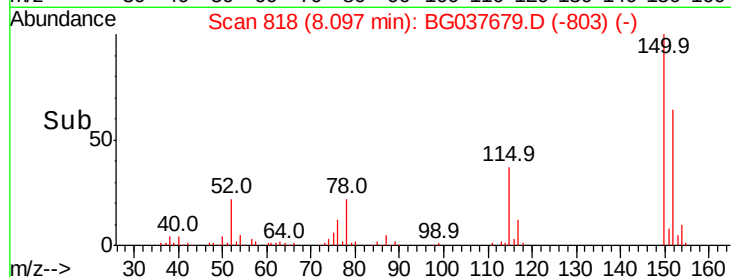
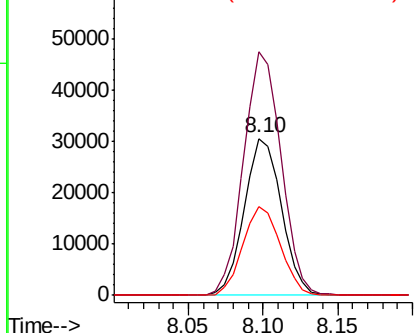
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037679.D
Acq: 31 Oct 2018 8:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 52730
Ion Ratio Lower Upper
152 100
150 155.3 126.0 189.0
115 56.7 45.5 68.3



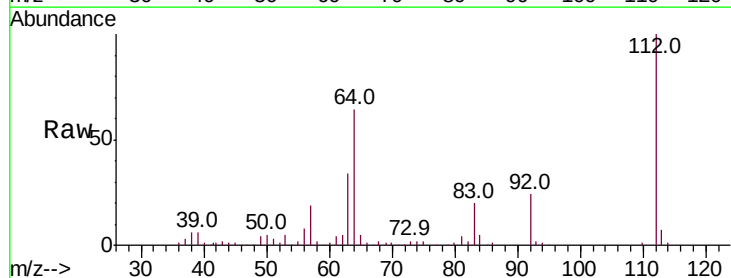
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



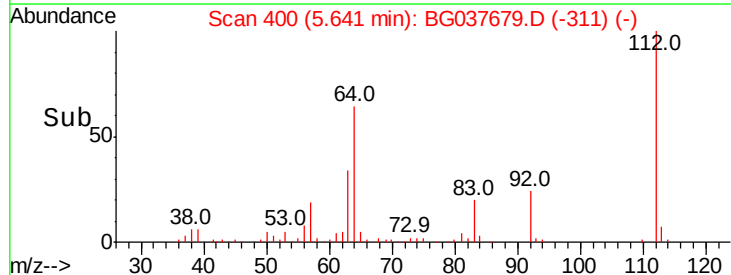
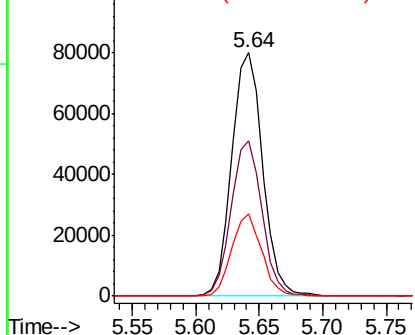
#5

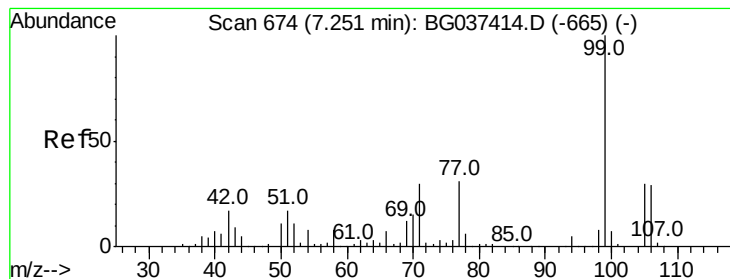
2-Fluorophenol
Concen: 42.788 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037679.D
Acq: 31 Oct 2018 8:19

Tgt Ion:112 Resp: 134953
Ion Ratio Lower Upper
112 100
64 64.0 53.1 79.7
63 33.6 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: 26.105 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037679.D

Acq: 31 Oct 2018 8:19

Instrument :

BNA_G

ClientSampleId :

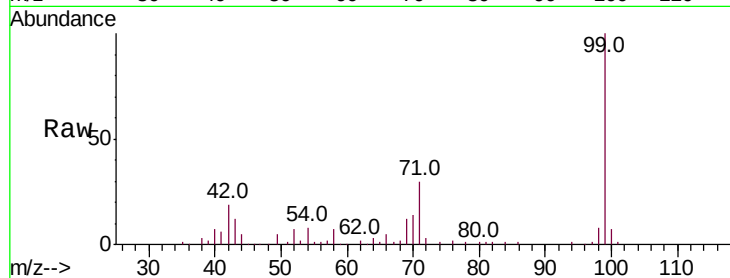
Tot Ion: 99 Resp: 124501

Ion Ratio Lower Upper

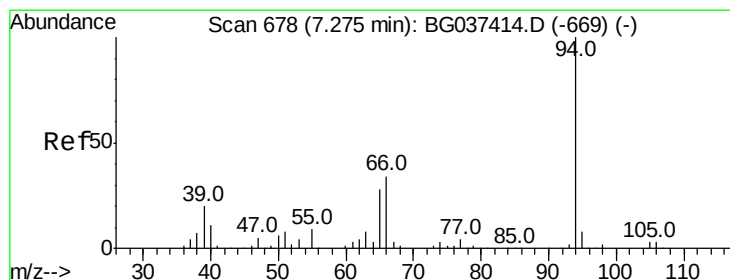
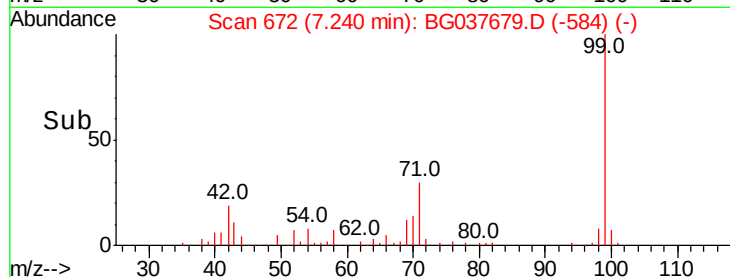
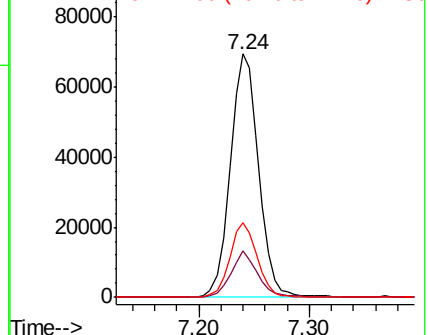
99 100

42 19.2 15.0 22.4

71 30.5 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: 6.801 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037679.D

Acq: 31 Oct 2018 8:19

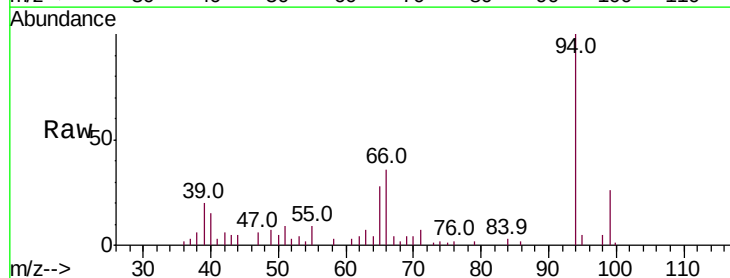
Tgt Ion: 94 Resp: 34223

Ion Ratio Lower Upper

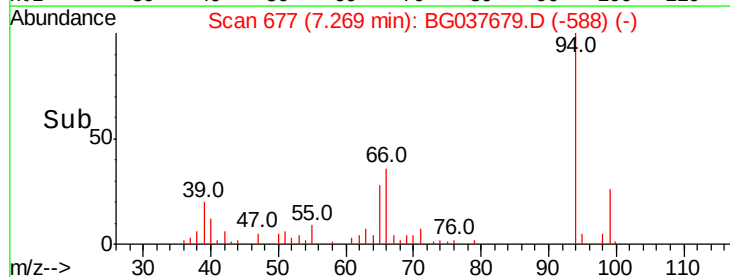
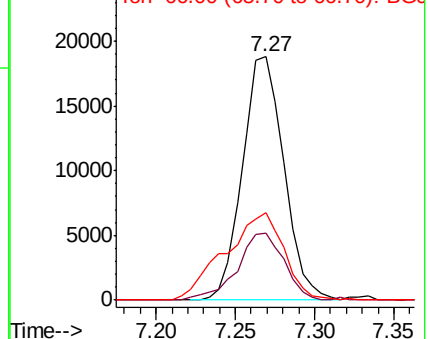
94 100

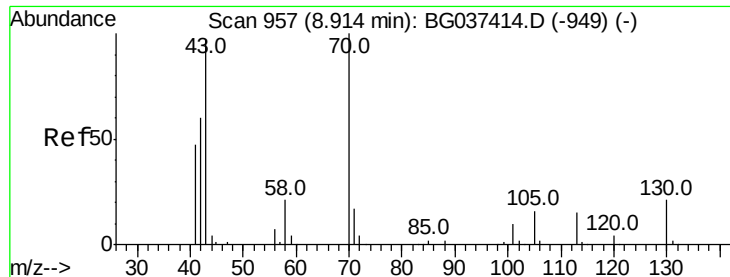
65 27.5 9.7 49.7

66 35.7 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

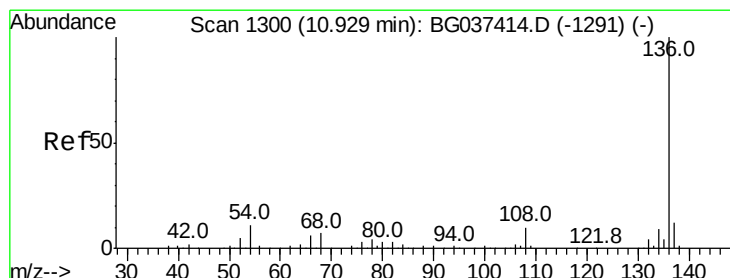
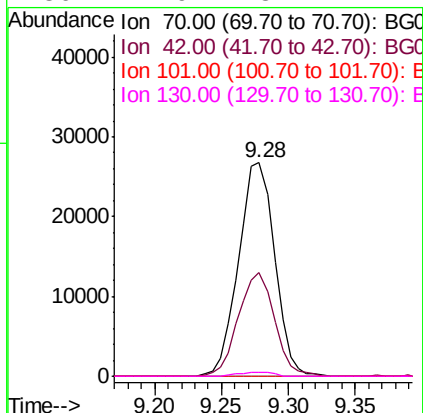
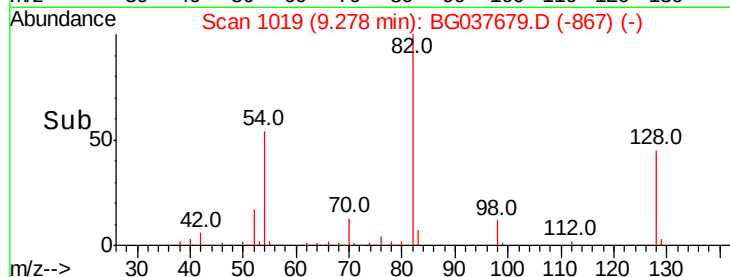
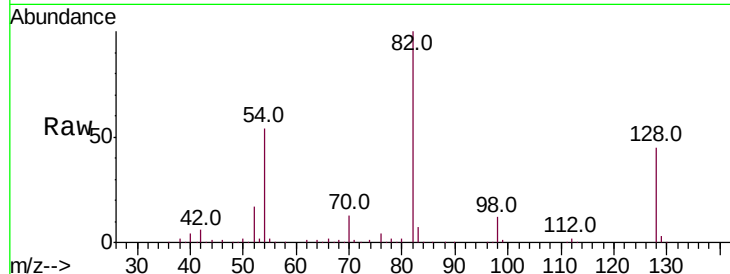




#19
n-Nitroso-di-n-propylamine
Concen: 15.318 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037679.D
Acq: 31 Oct 2018 8:19

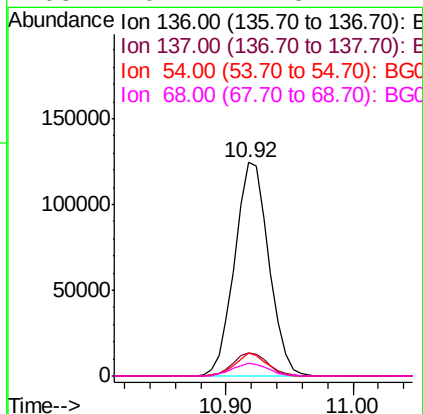
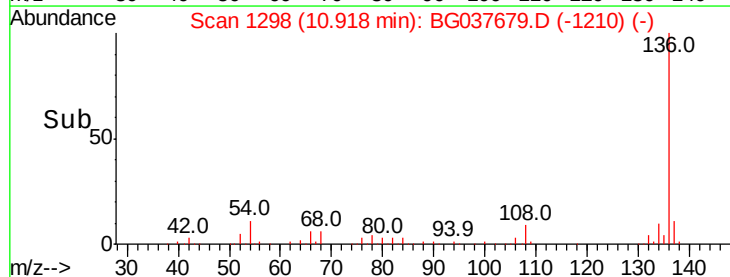
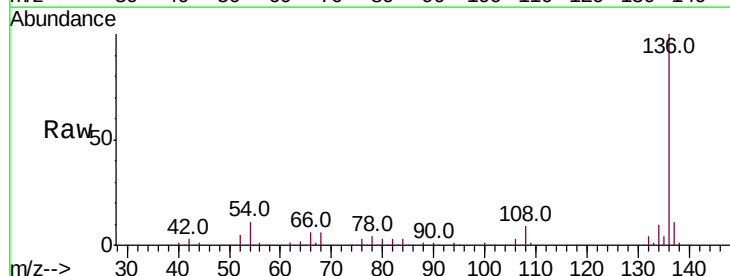
Instrument :
BNA_G
ClientSampleId :

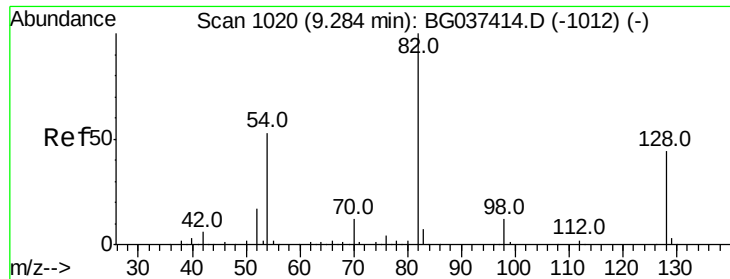
Tot Ion: 70 Resp: 50308
Ion Ratio Lower Upper
70 100
42 48.4 53.9 80.9#
101 0.0 8.2 12.2#
130 1.9 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037679.D
Acq: 31 Oct 2018 8:19

Tgt Ion: 136 Resp: 232294
Ion Ratio Lower Upper
136 100
137 11.1 9.6 14.4
54 11.0 7.9 11.9
68 6.1 4.8 7.2

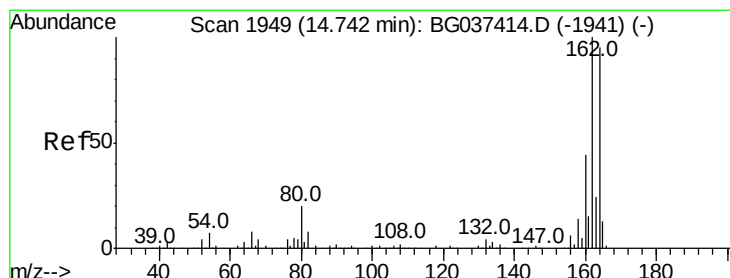
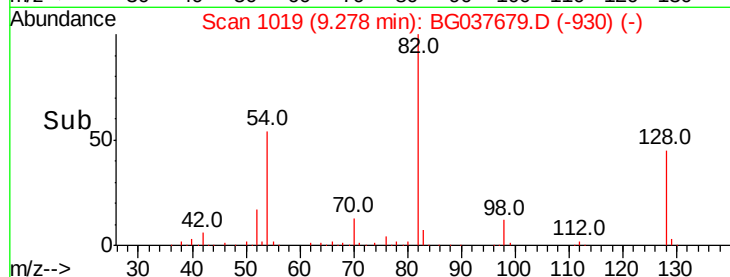
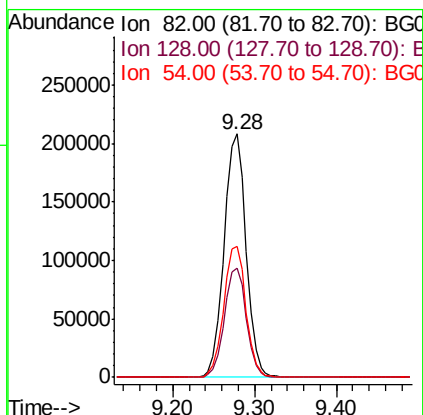
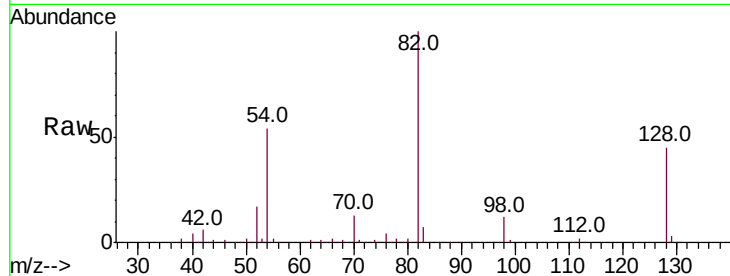




#23
 Nitrobenzene-d5
 Concen: 94.216 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037679.D
 Acq: 31 Oct 2018 8:19

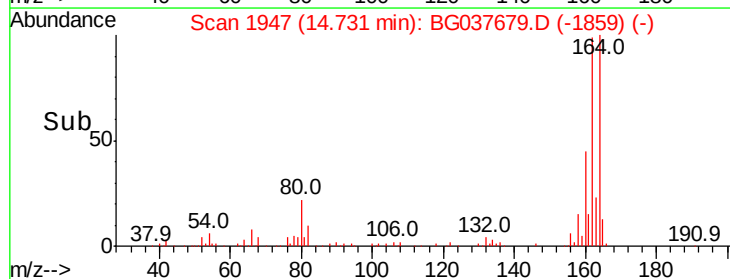
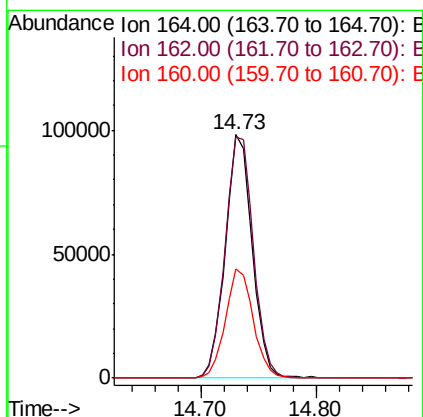
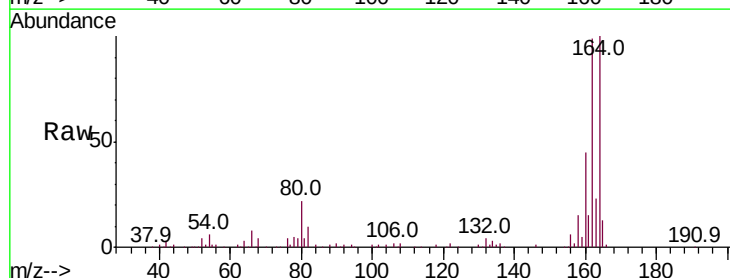
Instrument :
 BNA_G
 ClientSampleId :

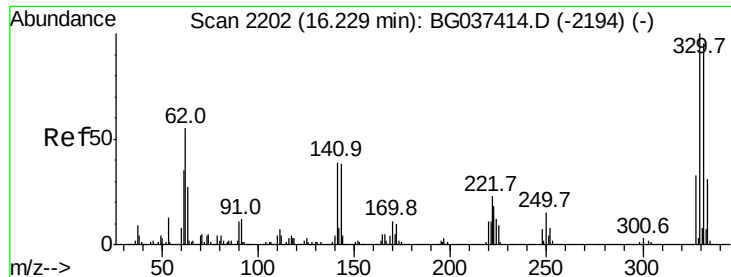
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.6	51.8
54	53.6	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BG037679.D
 Acq: 31 Oct 2018 8:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.2	81.3	121.9
160	44.9	36.3	54.5

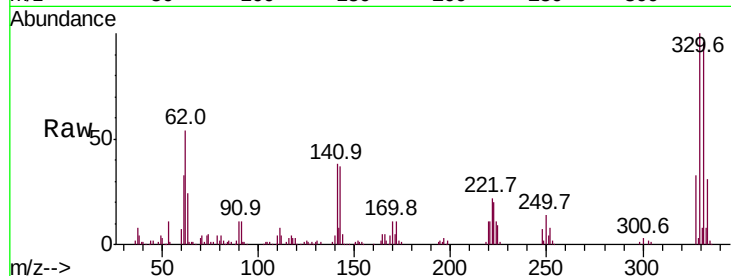




#42
 2,4,6-Tribromophenol
 Concen: 88.877 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037679.D
 Acq: 31 Oct 2018 8:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.4	117.6
141	40.8	32.2	48.2

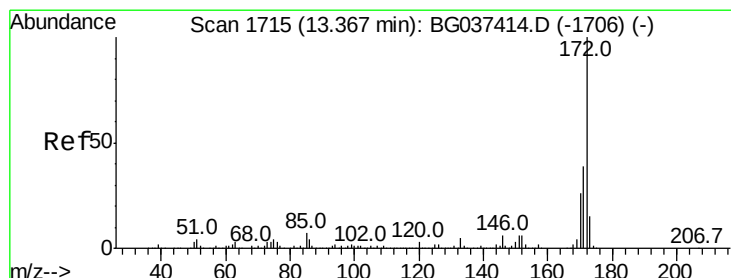
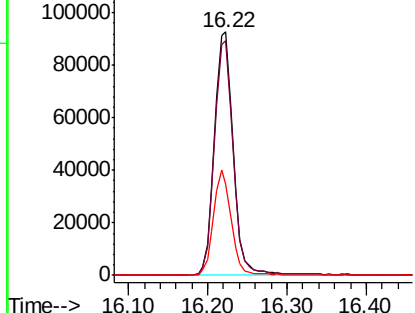
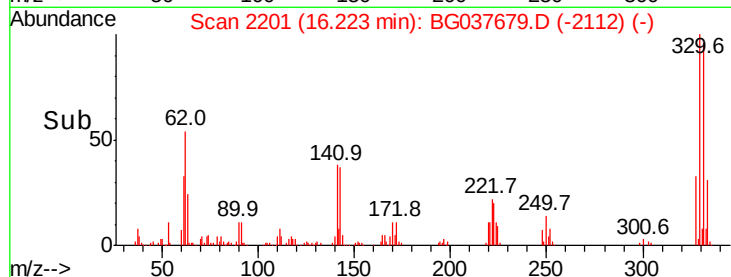


Abundance

Ion 329.80 (329.50 to 330.50): E

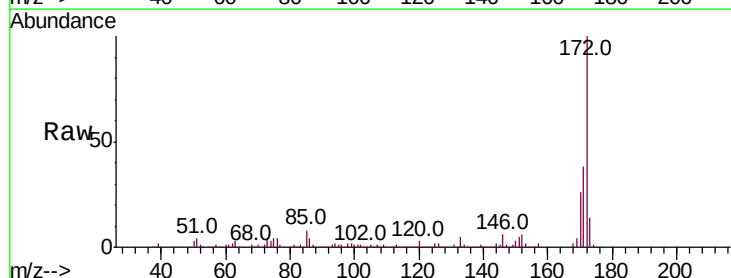
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 88.671 ng
 RT: 13.36 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037679.D
 Acq: 31 Oct 2018 8:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.0	46.4
170	25.7	20.2	30.2

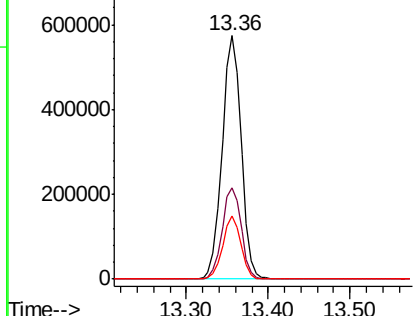
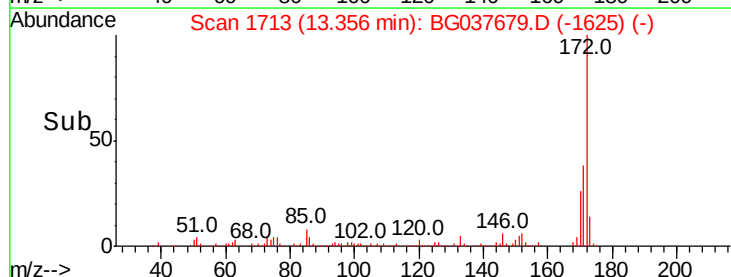


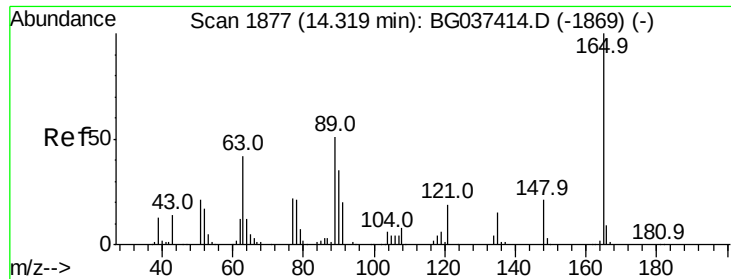
Abundance

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

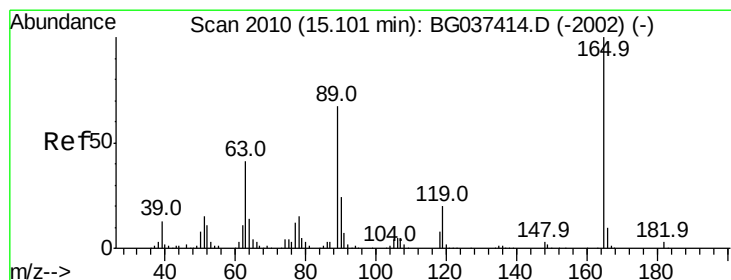
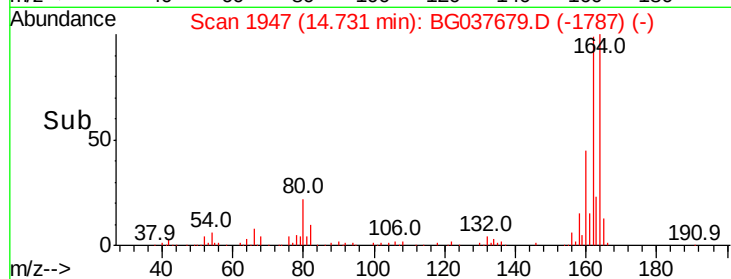
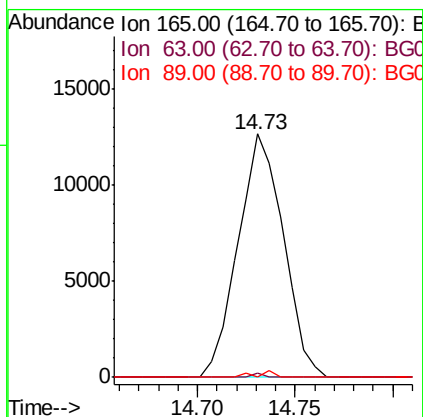
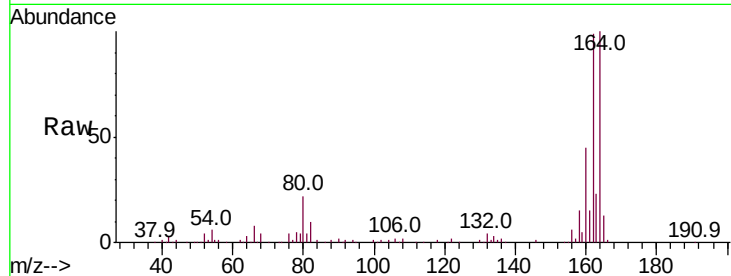




#51
 2,6-Dinitrotoluene
 Concen: 7.479 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. 0.41 min
 Lab File: BG037679.D
 Acq: 31 Oct 2018 8:19

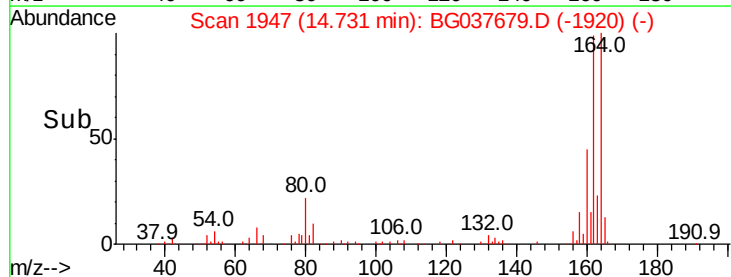
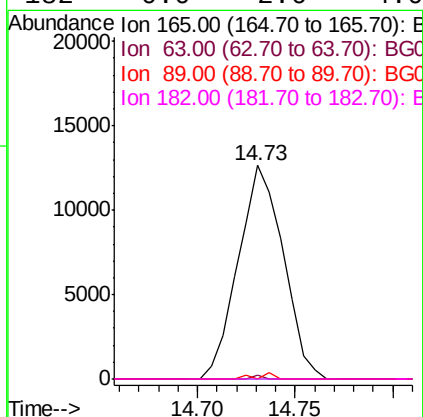
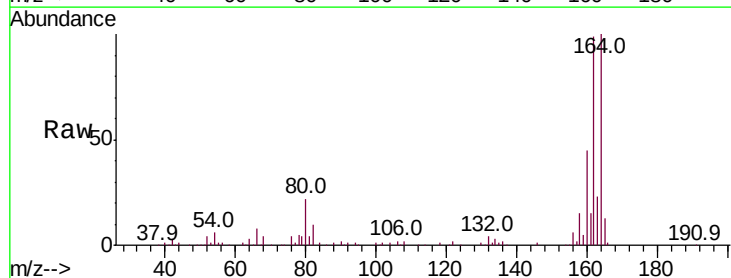
Instrument :
 BNA_G
 ClientSampleId :

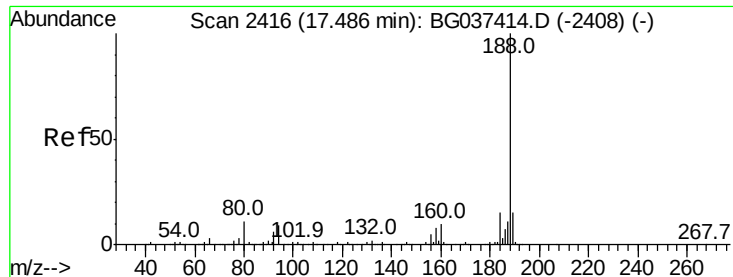
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	43.4	65.2#
89	0.0	45.8	68.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.697 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037679.D
 Acq: 31 Oct 2018 8:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG037679.D

Acq: 31 Oct 2018 8:19

Instrument :

BNA_G

ClientSampleId :

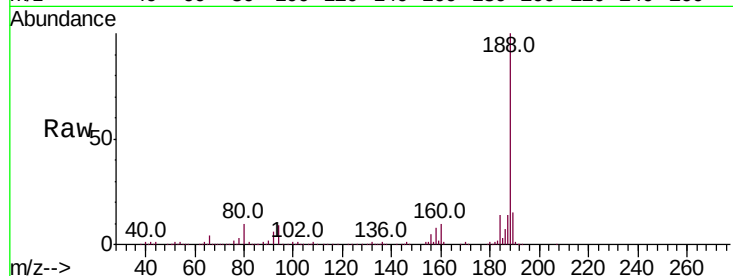
Tot Ion:188 Resp: 367635

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

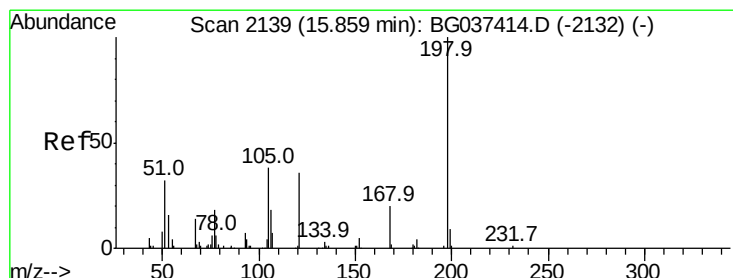
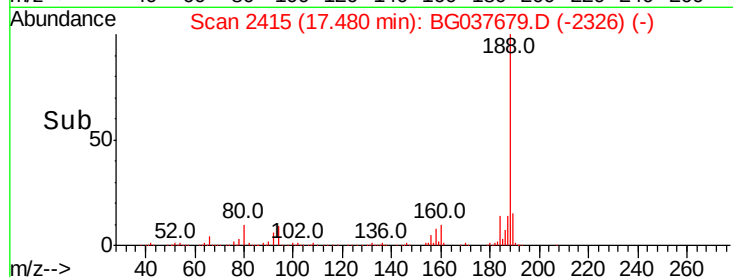
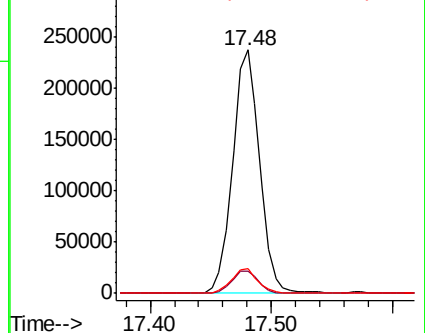
80 10.3 7.7 11.5



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: 8.665 ng

RT: 16.23 min Scan# 2203

Delta R.T. 0.38 min

Lab File: BG037679.D

Acq: 31 Oct 2018 8:19

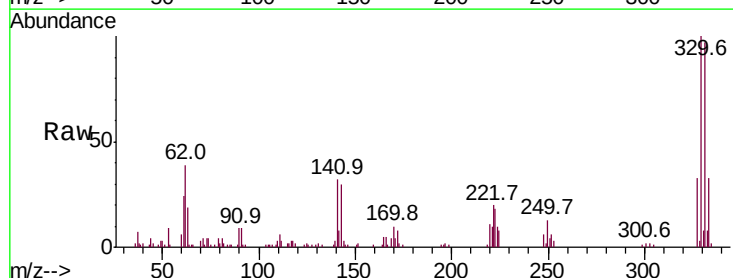
Tgt Ion:198 Resp: 370

Ion Ratio Lower Upper

198 100

51 76.5 22.7 62.7#

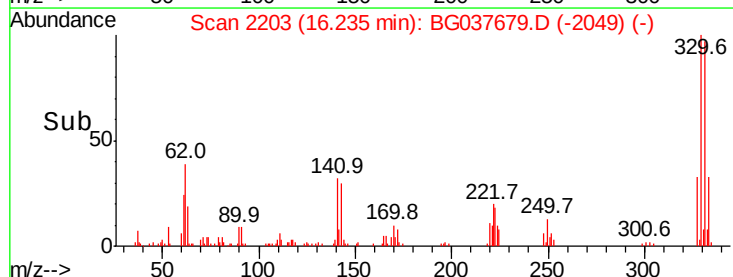
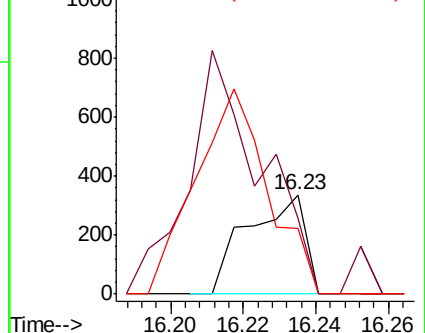
105 65.8 19.7 59.7#

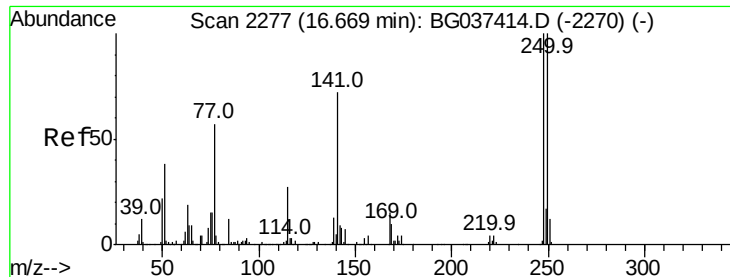


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

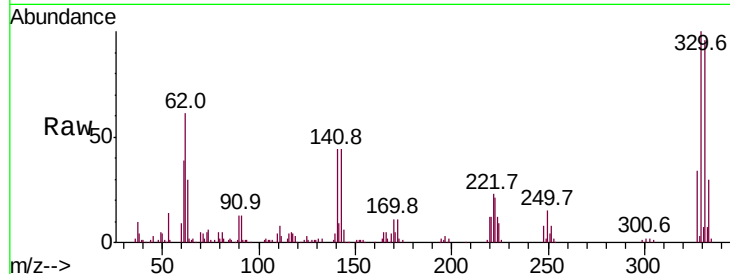




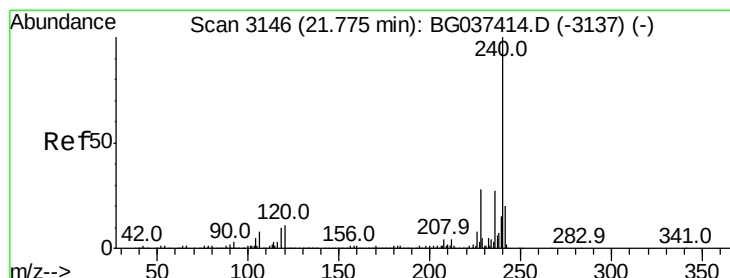
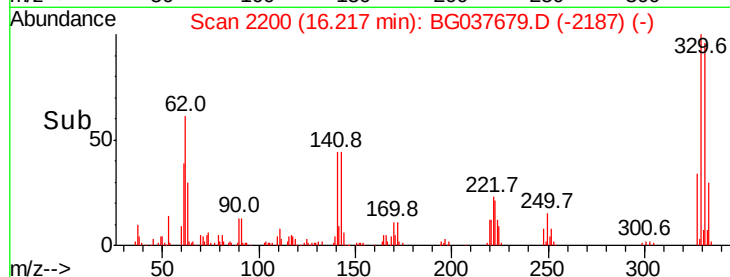
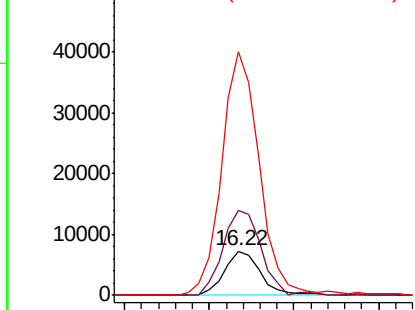
#67
 4-Bromophenyl-phenylether
 Concen: 2.659 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.45 min
 Lab File: BG037679.D
 Acq: 31 Oct 2018 8:19

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 10735
 Ion Ratio Lower Upper
 248 100
 250 189.0 77.0 115.6#
 141 424.8 55.5 83.3#

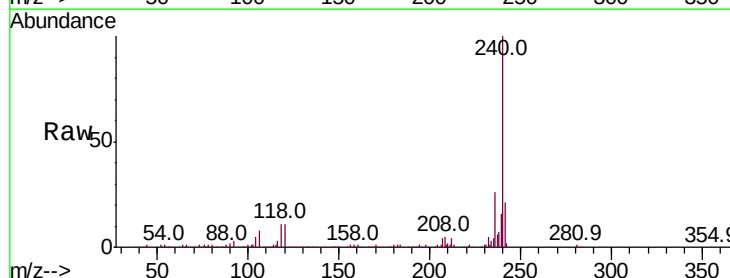


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

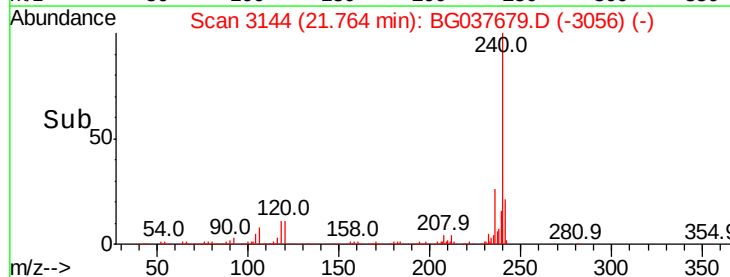
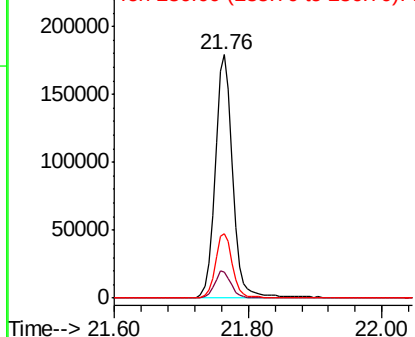


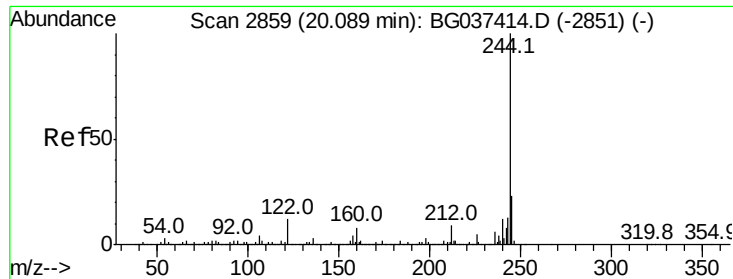
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG037679.D
 Acq: 31 Oct 2018 8:19

Tgt Ion:240 Resp: 331631
 Ion Ratio Lower Upper
 240 100
 120 10.7 8.1 12.1
 236 26.3 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: 87.840 ng

RT: 20.08 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037679.D

Acq: 31 Oct 2018 8:19

Instrument :

BNA_G

ClientSampleId :

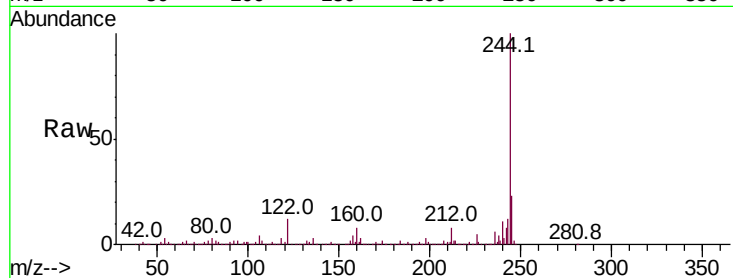
Tot Ion:244 Resp: 1363304

Ion Ratio Lower Upper

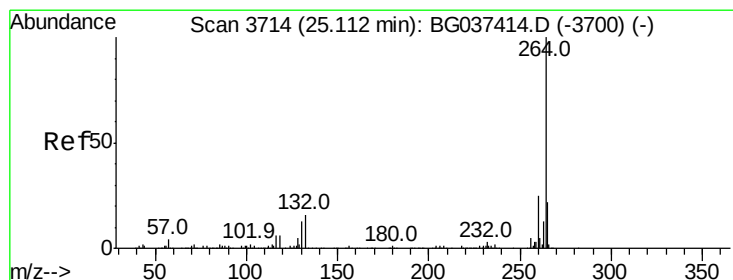
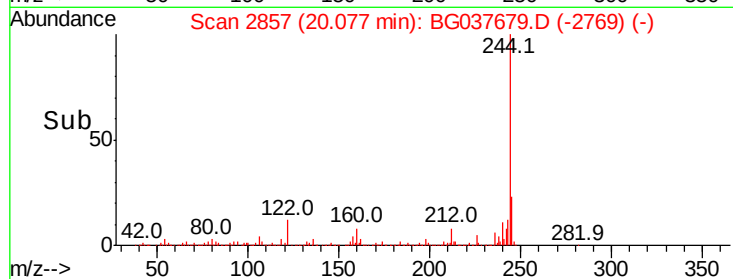
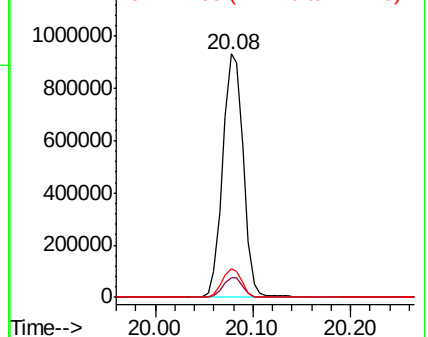
244 100

212 8.3 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# 3711

Delta R.T. -0.02 min

Lab File: BG037679.D

Acq: 31 Oct 2018 8:19

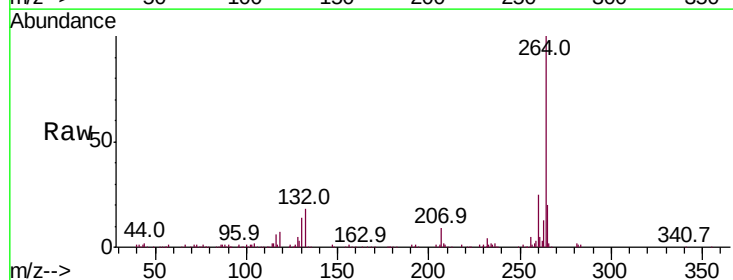
Tgt Ion:264 Resp: 301098

Ion Ratio Lower Upper

264 100

260 24.6 18.2 27.4

265 20.3 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

