

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
 Data File : BG037495.D
 Acq On : 24 Oct 2018 4:25
 Operator : JU/SJ
 Sample : J5603-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 24 09:09:34 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

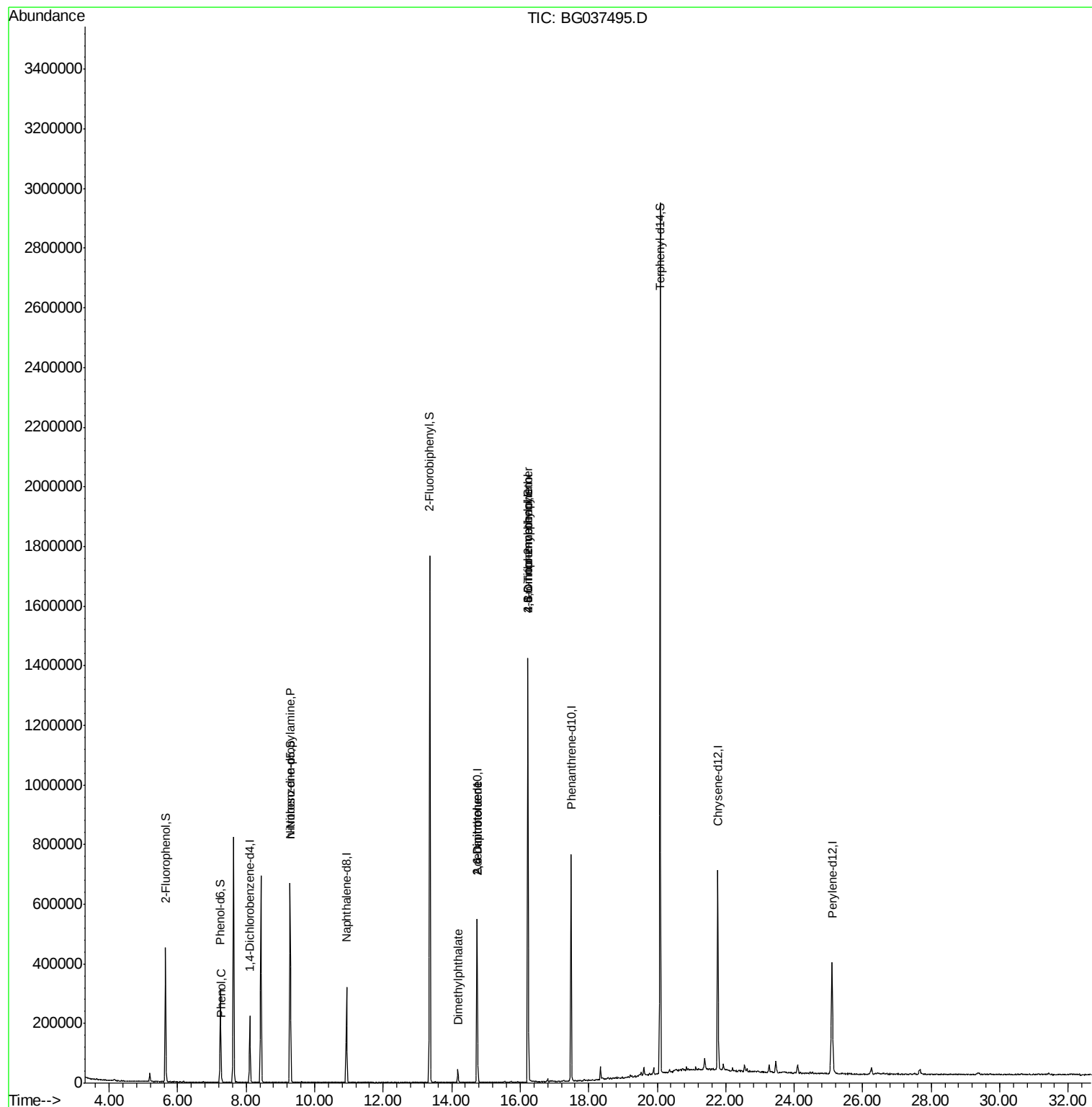
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	67023	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	295288	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	199512	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	463710	20.00	ng	0.00
76) Chrysene-d12	21.77	240	414140	20.00	ng	0.00
87) Perylene-d12	25.11	264	423277	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	212410	52.98	ng	0.00
7) Phenol-d6	7.24	99	194474	32.08	ng	0.00
23) Nitrobenzene-d5	9.28	82	413574	78.46	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	255434	117.38	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	971686	73.44	ng	0.00
79) Terphenyl-d14	20.09	244	1431062	73.84	ng	0.00
Target Compounds						
10) Phenol	7.27	94	19054	2.979	ng	94
19) n-Nitroso-di-n-propylamine	9.28	70	50576	12.116	ng	# 72
50) Dimethylphthalate	14.18	163	31979	2.072	ng	98
51) 2,6-Dinitrotoluene	14.74	165	25183	7.375	ng	# 26
57) 2,4-Dinitrotoluene	14.74	165	25183	5.619	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	919	8.818	ng	# 71
67) 4-Bromophenyl-phenylether	16.22	248	18457	3.624	ng	# 1

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

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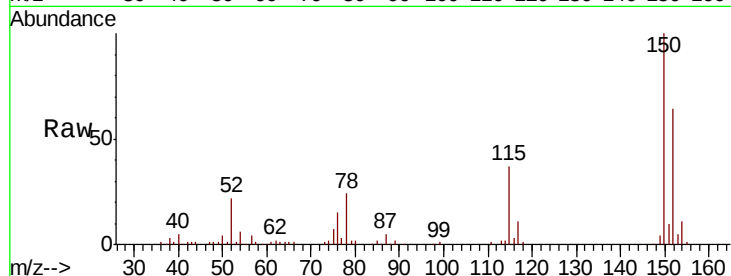




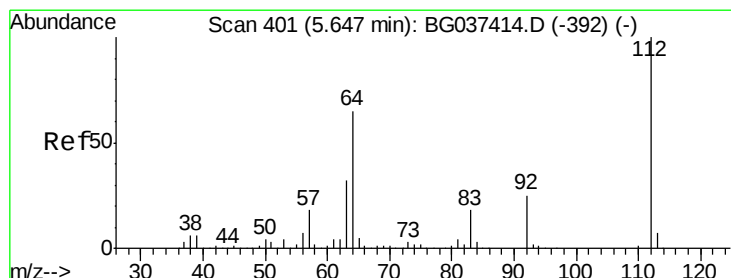
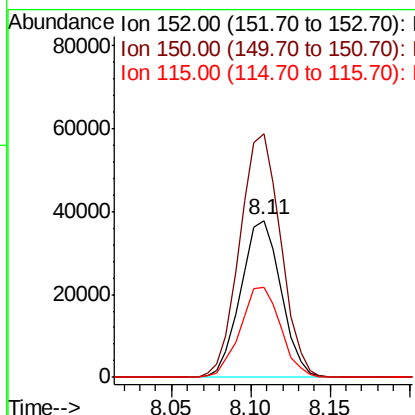
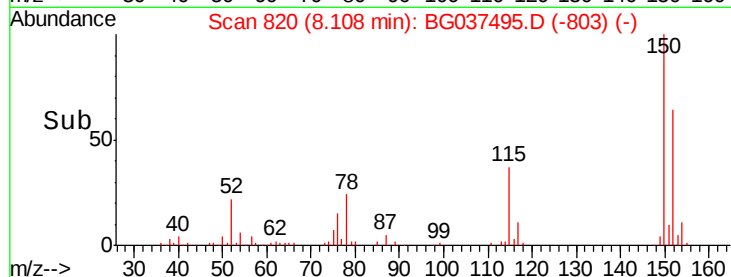
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG037495.D
 Acq: 24 Oct 2018 4:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 67023
 Ion Ratio Lower Upper
 152 100
 150 155.2 126.0 189.0
 115 57.6 45.5 68.3

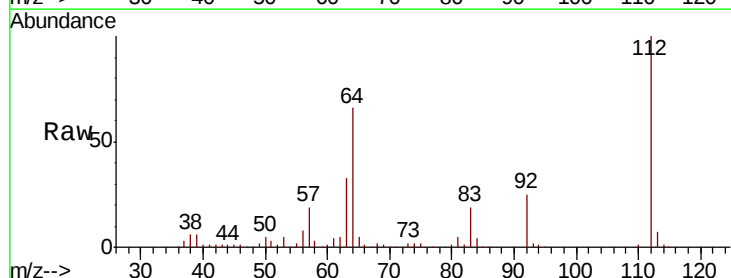


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

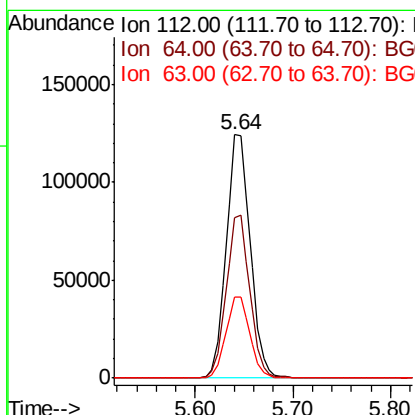
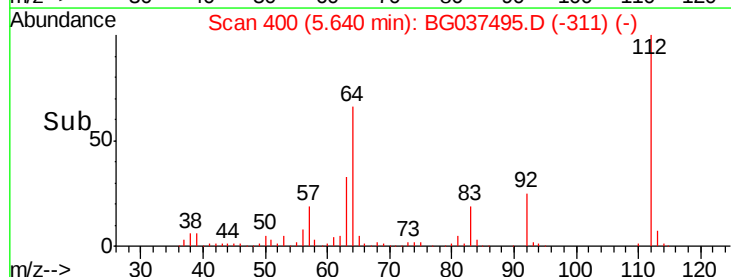


#5
 2-Fluorophenol
 Concen: 52.985 ng
 RT: 5.64 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BG037495.D
 Acq: 24 Oct 2018 4:25

Tgt Ion:112 Resp: 212410
 Ion Ratio Lower Upper
 112 100
 64 65.9 53.1 79.7
 63 33.0 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: 32.081 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037495.D

Acq: 24 Oct 2018 4:25

Instrument :

BNA_G

ClientSampleId :

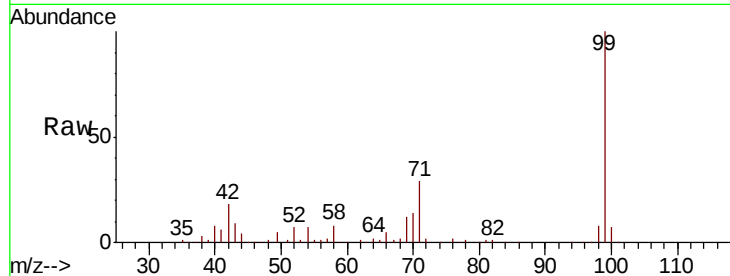
Tot Ion: 99 Resp: 194474

Ion Ratio Lower Upper

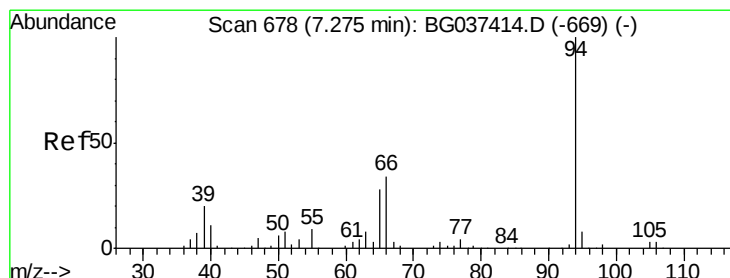
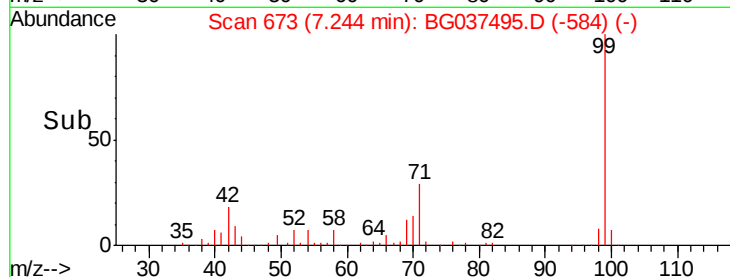
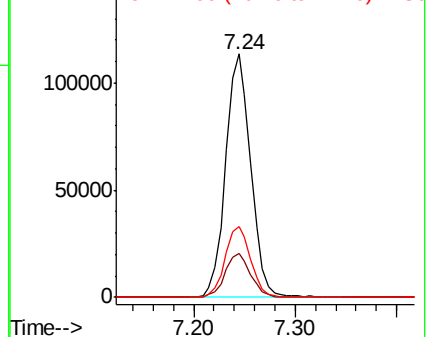
99 100

42 17.8 15.0 22.4

71 29.2 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: 2.979 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037495.D

Acq: 24 Oct 2018 4:25

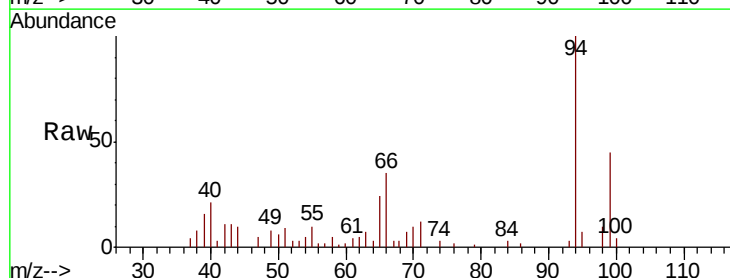
Tgt Ion: 94 Resp: 19054

Ion Ratio Lower Upper

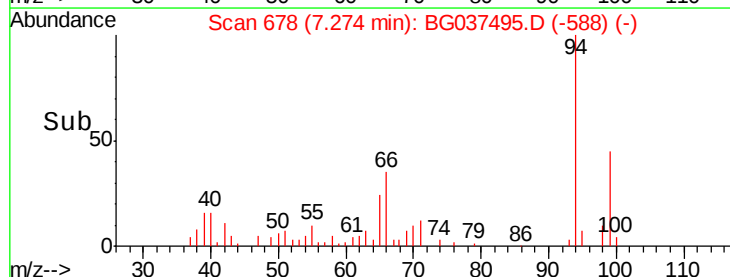
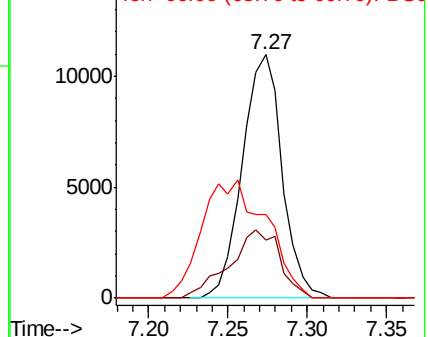
94 100

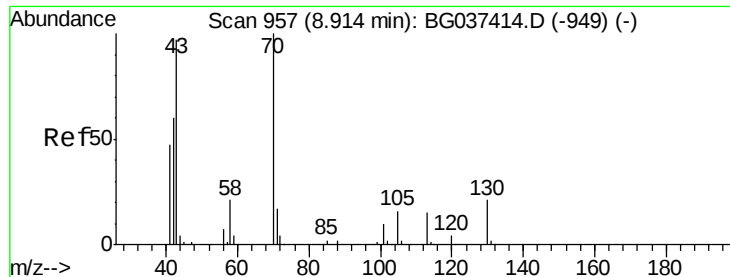
65 23.7 9.7 49.7

66 34.6 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

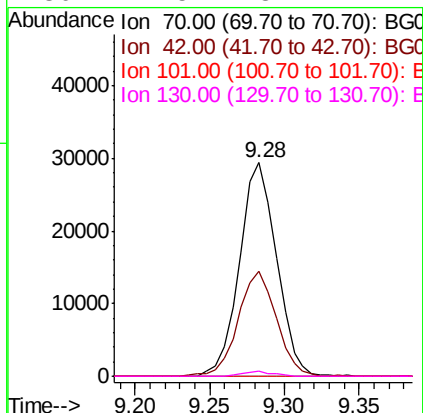
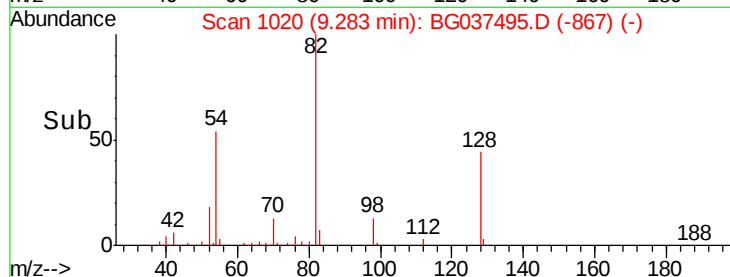
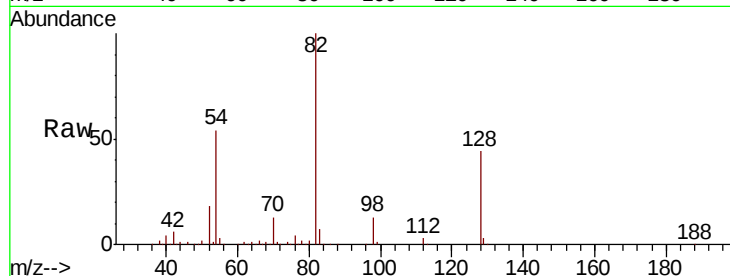




#19
n-Nitroso-di-n-propylamine
Concen: 12.116 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.37 min
Lab File: BG037495.D
Acq: 24 Oct 2018 4:25

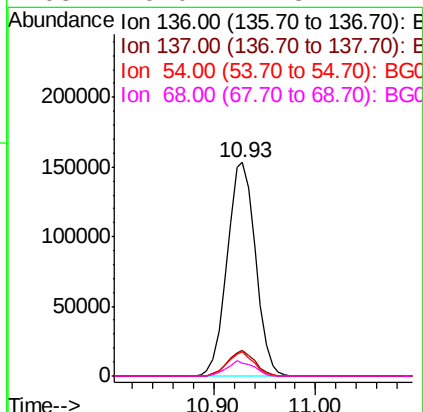
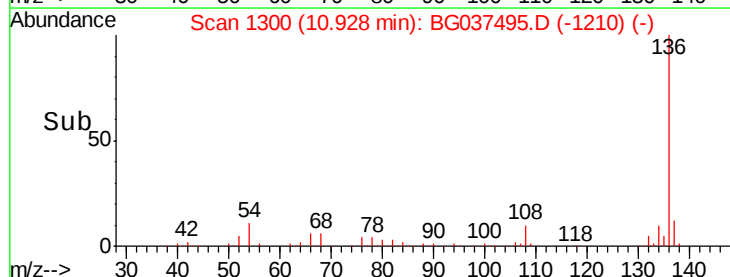
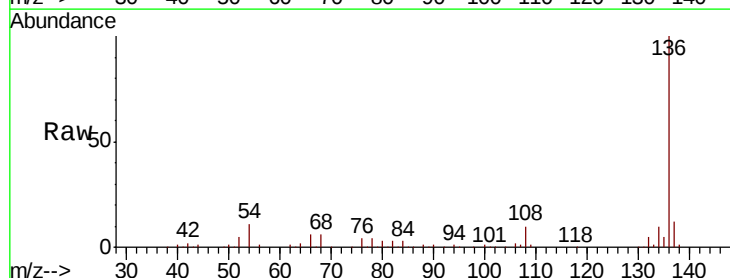
Instrument :
BNA_G
ClientSampleId :

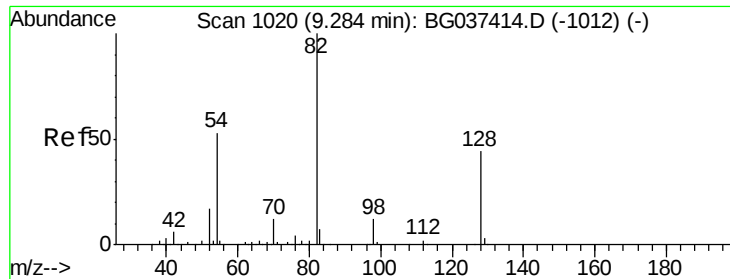
Tot Ion: 70 Resp: 50576
Ion Ratio Lower Upper
70 100
42 49.2 53.9 80.9#
101 0.0 8.2 12.2#
130 2.5 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037495.D
Acq: 24 Oct 2018 4:25

Tgt Ion:136 Resp: 295288
Ion Ratio Lower Upper
136 100
137 12.0 9.6 14.4
54 11.1 7.9 11.9
68 6.0 4.8 7.2

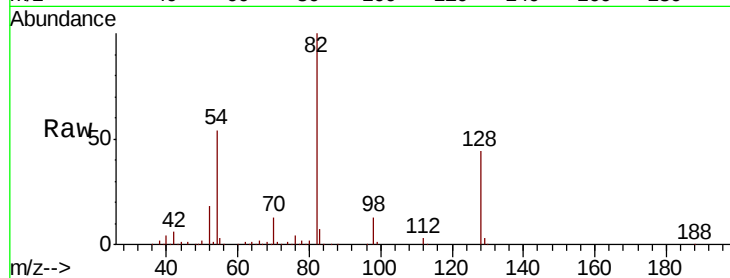




#23
 Nitrobenzene-d5
 Concen: 78.459 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037495.D
 Acq: 24 Oct 2018 4:25

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82.00	Resp	413574
Ion Ratio	Lower	Upper	
82	100		
128	44.5	34.6	51.8
54	54.1	45.3	67.9

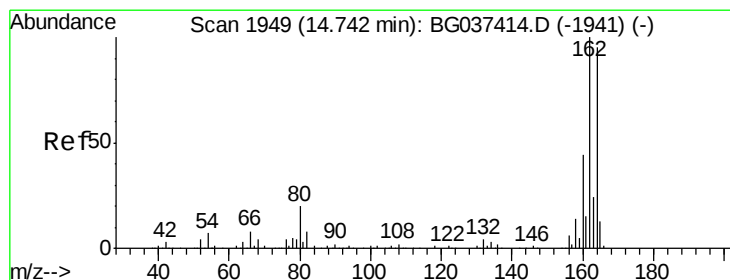
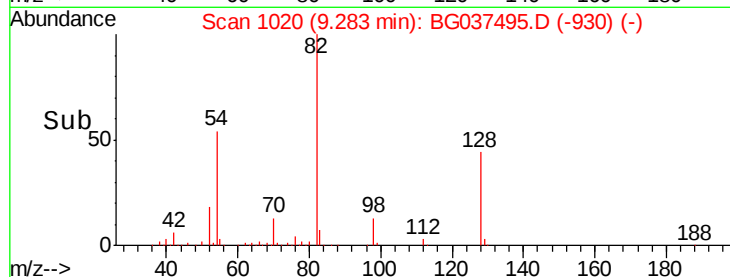
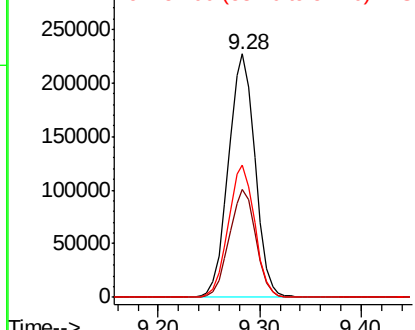


Abundance

Ion 82.00 (81.70 to 82.70): BGC

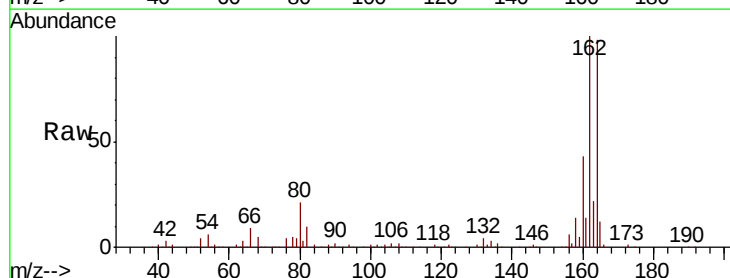
Ion 128.00 (127.70 to 128.70): BGC

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: BG037495.D
 Acq: 24 Oct 2018 4:25

Tgt Ion	164	Resp	199512
Ion Ratio	Lower	Upper	
164	100		
162	102.1	81.3	121.9
160	43.9	36.3	54.5

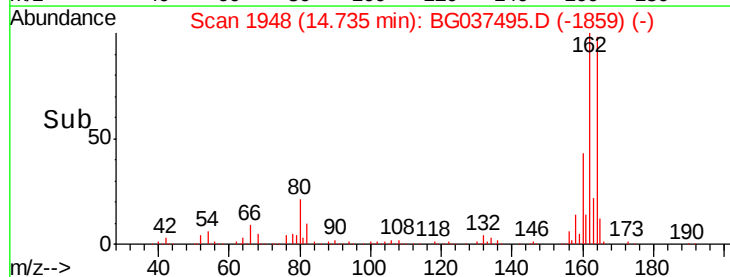
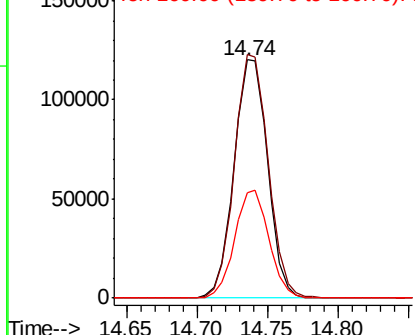


Abundance

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

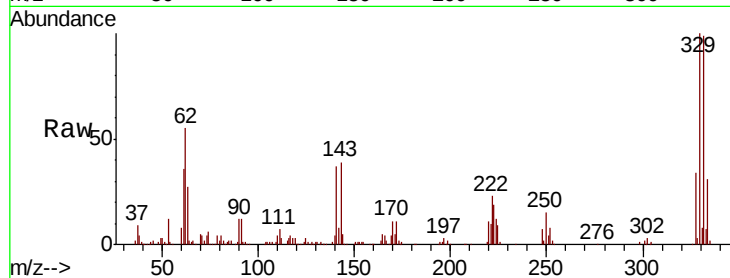




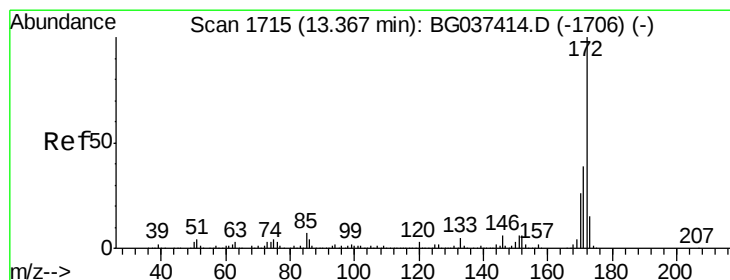
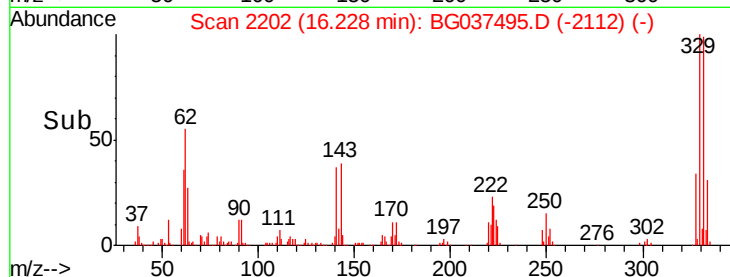
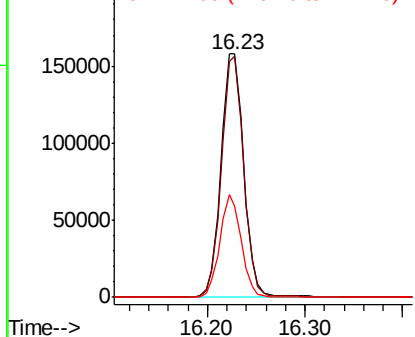
#42
 2,4,6-Tribromophenol
 Concen: 117.384 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BG037495.D
 Acq: 24 Oct 2018 4:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 255434
 Ion Ratio Lower Upper
 330 100
 332 96.7 78.4 117.6
 141 39.6 32.2 48.2

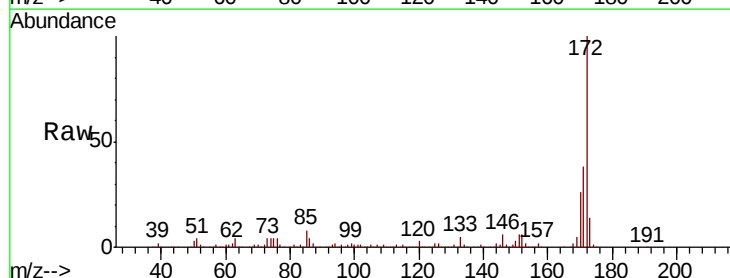


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

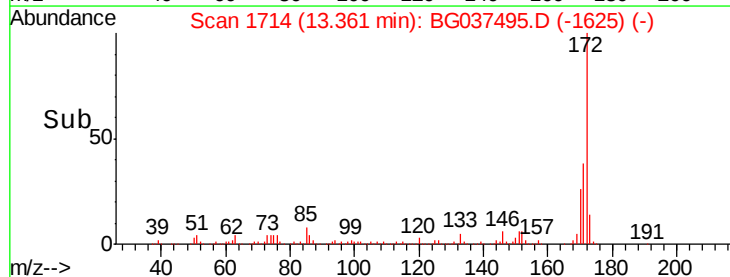
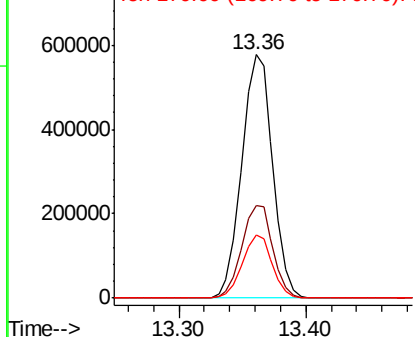


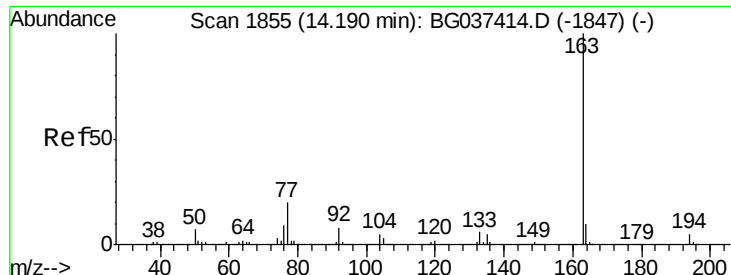
#45
 2-Fluorobiphenyl
 Concen: 73.442 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037495.D
 Acq: 24 Oct 2018 4:25

Tgt Ion:172 Resp: 971686
 Ion Ratio Lower Upper
 172 100
 171 38.0 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





#50

Dimethylphthalate

Concen: 2.072 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG037495.D

Acq: 24 Oct 2018 4:25

Instrument :

BNA_G

ClientSampleId :

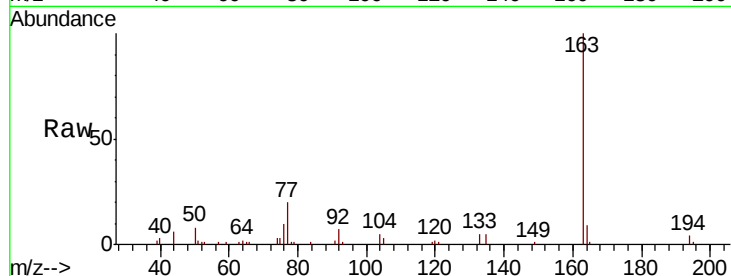
Tot Ion:163 Resp: 31979

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

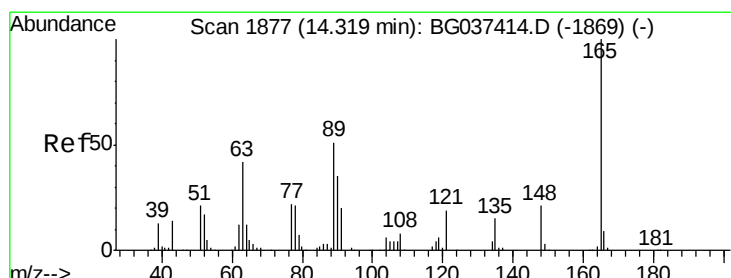
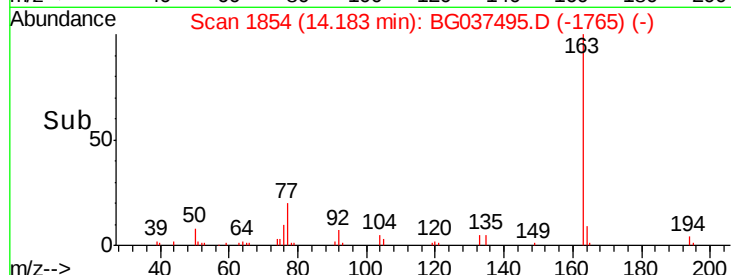
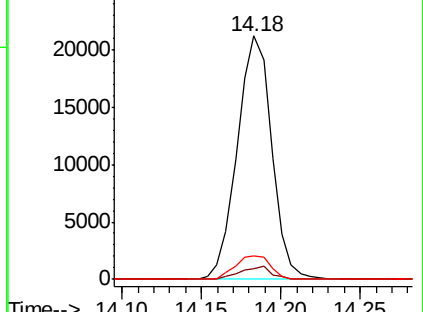
164 9.4 8.5 12.7



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



#51

2,6-Dinitrotoluene

Concen: 7.375 ng

RT: 14.74 min Scan# 1948

Delta R.T. 0.42 min

Lab File: BG037495.D

Acq: 24 Oct 2018 4:25

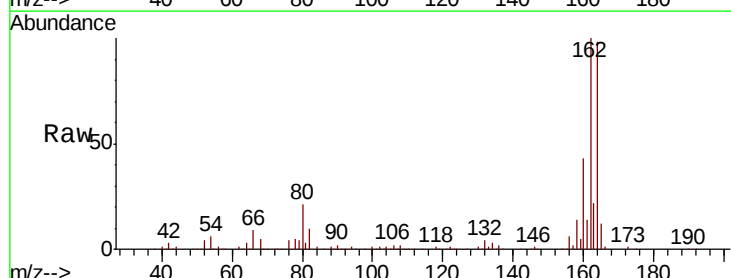
Tgt Ion:165 Resp: 25183

Ion Ratio Lower Upper

165 100

63 1.8 43.4 65.2#

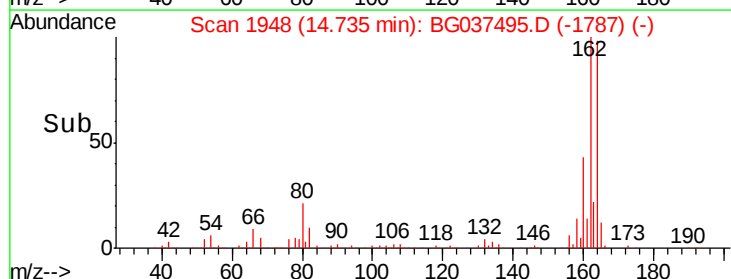
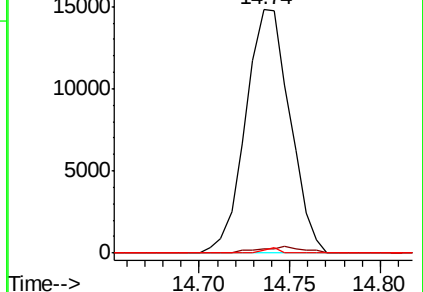
89 1.4 45.8 68.6#

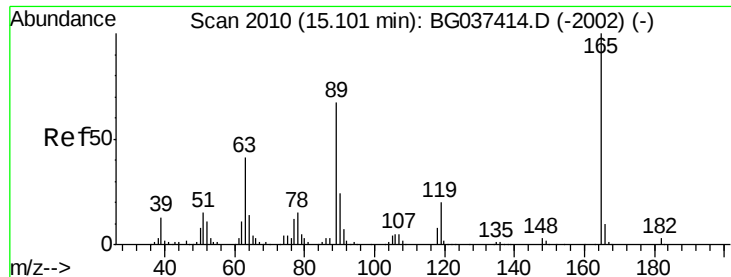


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

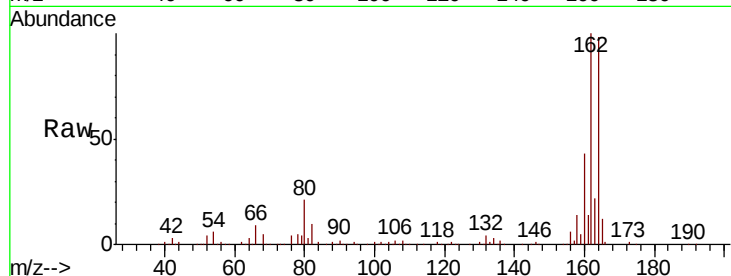




#57
2,4-Dinitrotoluene
Concen: 5.619 ng
RT: 14.74 min Scan# 1948
Delta R.T. -0.37 min
Lab File: BG037495.D
Acq: 24 Oct 2018 4:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	33.4	50.0#
89	1.4	57.2	85.8#
182	0.0	2.6	4.0#

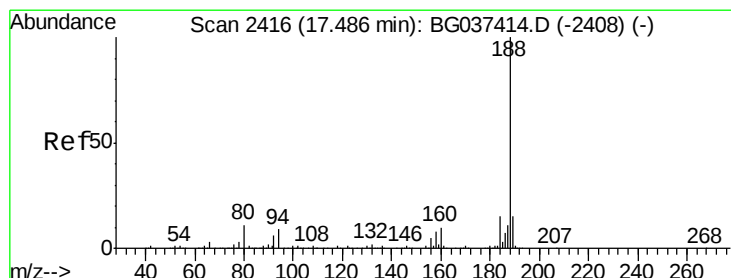
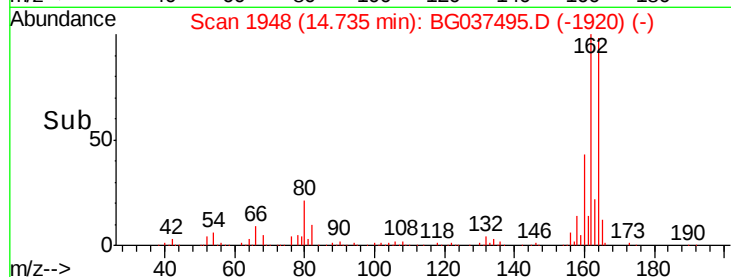
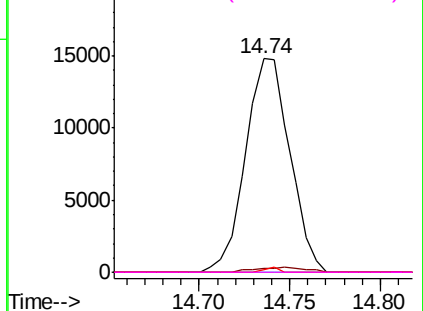


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

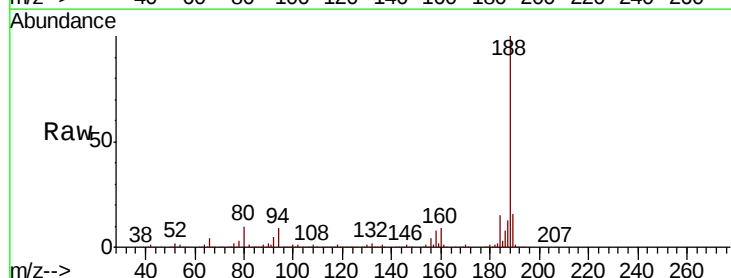
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037495.D
Acq: 24 Oct 2018 4:25

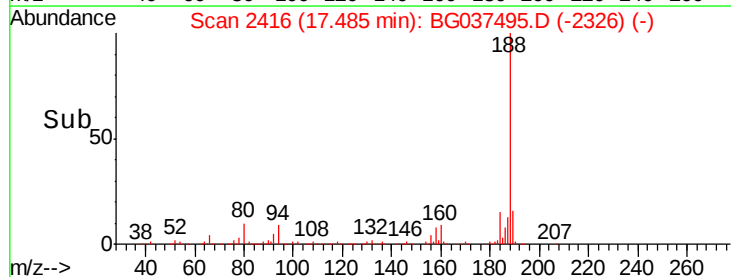
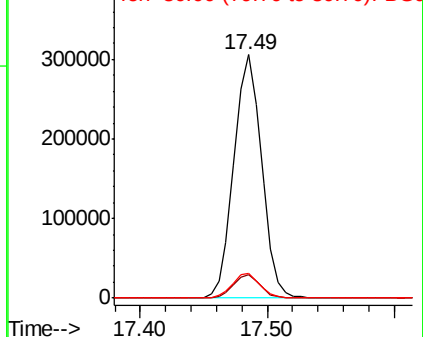
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	10.1	7.7	11.5

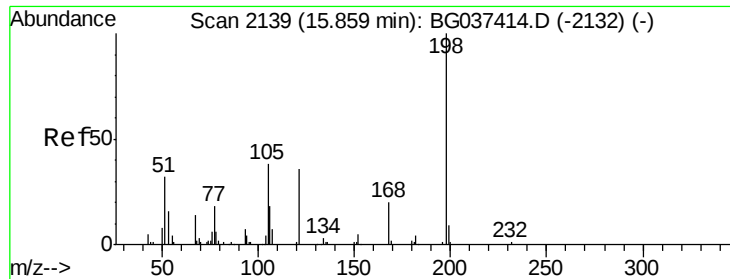


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

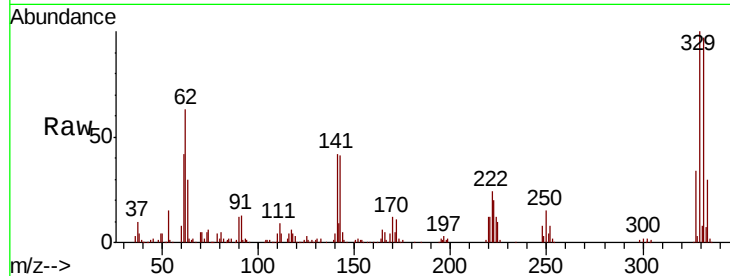




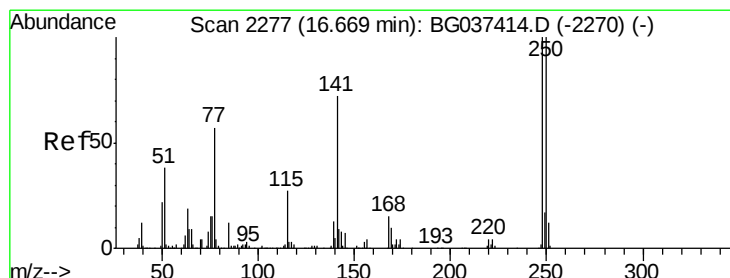
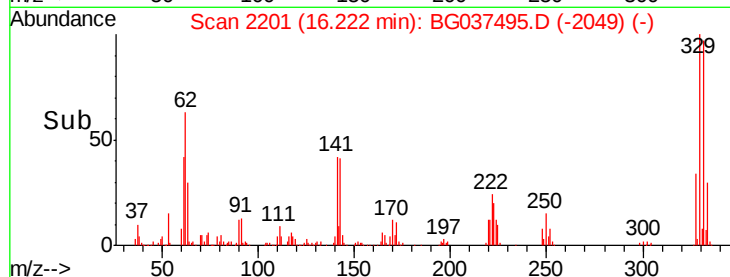
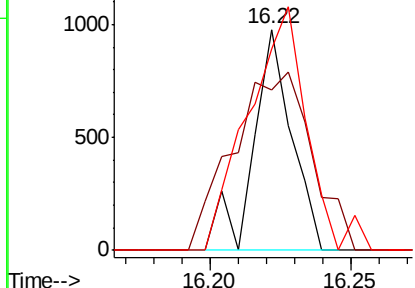
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.818 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.36 min
 Lab File: BG037495.D
 Acq: 24 Oct 2018 4:25

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 919
 Ion Ratio Lower Upper
 198 100
 51 20.5 22.7 62.7#
 105 25.7 19.7 59.7

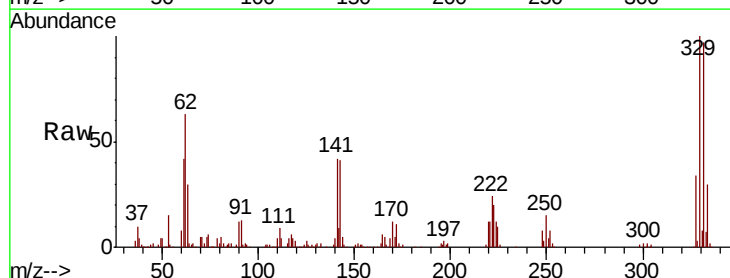


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

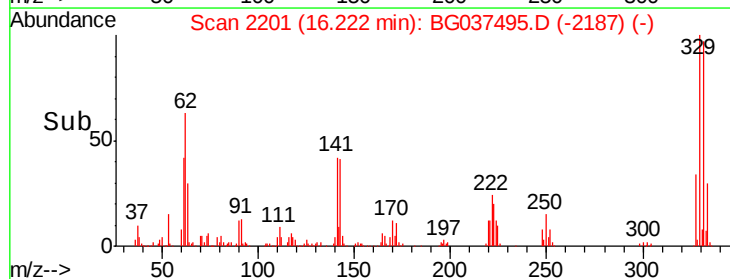
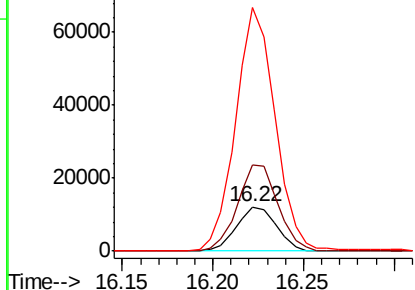


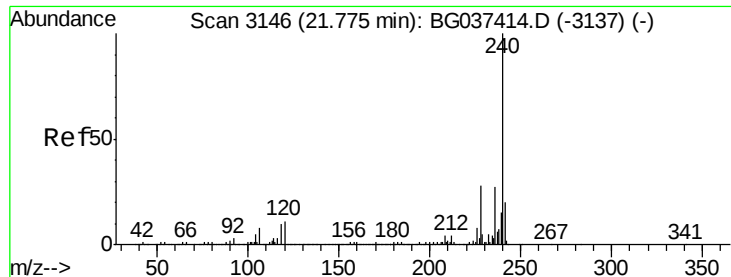
#67
 4-Bromophenyl-phenylether
 Concen: 3.624 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037495.D
 Acq: 24 Oct 2018 4:25

Tgt Ion:248 Resp: 18457
 Ion Ratio Lower Upper
 248 100
 250 185.9 77.0 115.6#
 141 408.0 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

Chrvsene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037495.D

Acq: 24 Oct 2018 4:25

Instrument :

BNA_G

ClientSampleId :

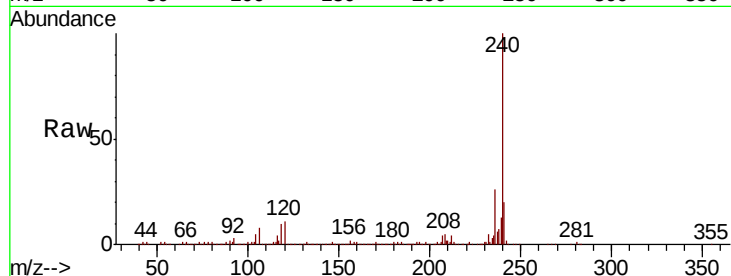
Tot Ion:240 Resp: 414140

Ion Ratio Lower Upper

240 100

120 10.7 8.1 12.1

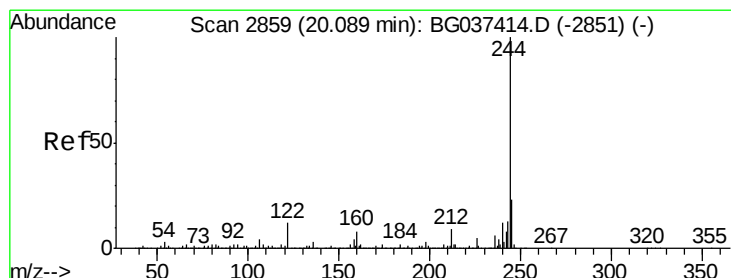
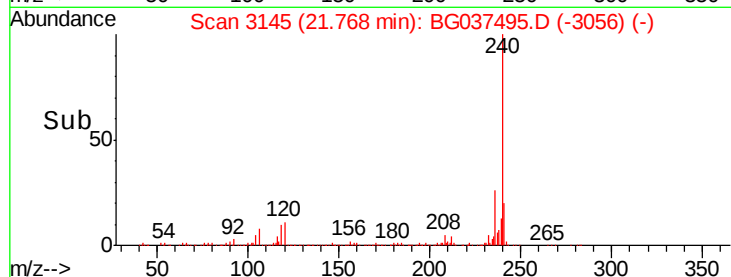
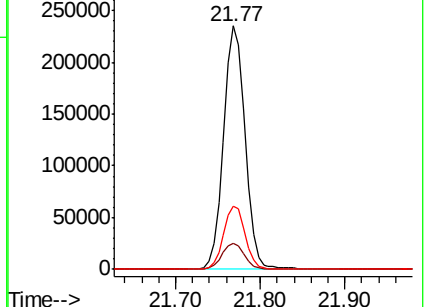
236 26.0 21.4 32.0



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: 73.836 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037495.D

Acq: 24 Oct 2018 4:25

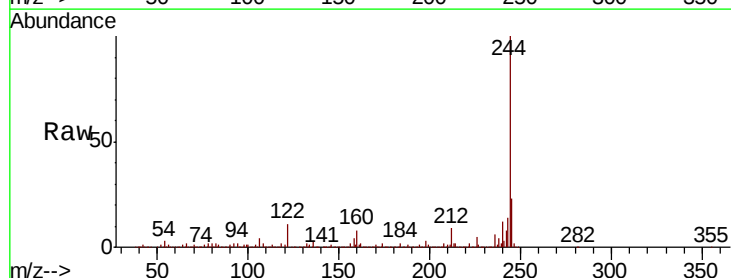
Tgt Ion:244 Resp: 1431062

Ion Ratio Lower Upper

244 100

212 8.7 6.5 9.7

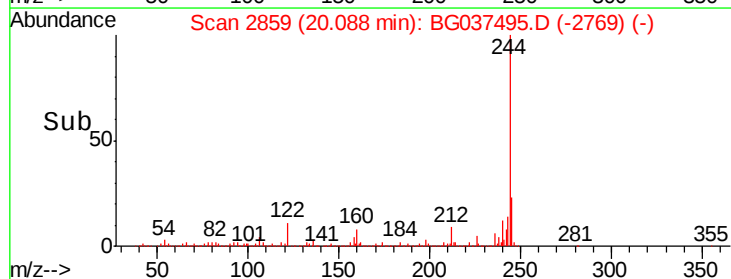
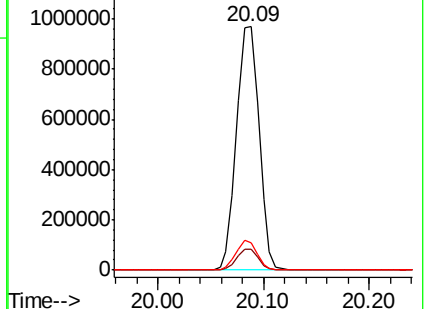
122 11.1 9.0 13.4

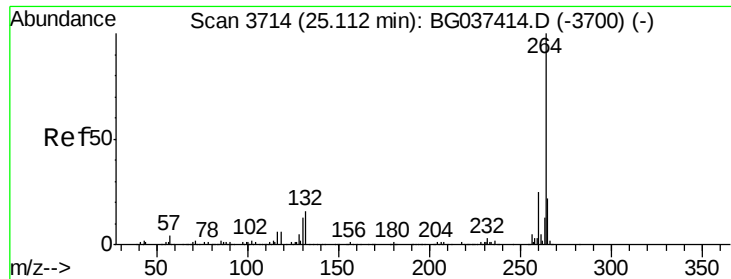


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

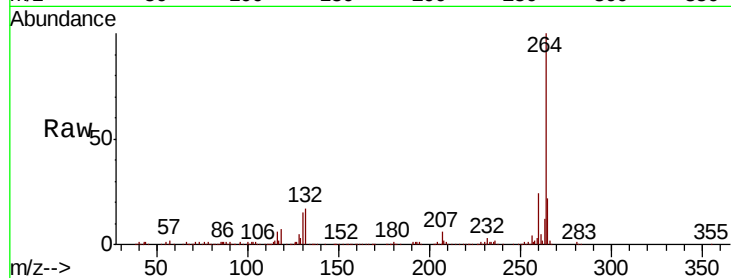




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037495.D
Acq: 24 Oct 2018 4:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.4
265	22.4	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

