

Data File : BG037949.D
Acq On : 12 Nov 2018 18:05
Operator : JU/SJ
Sample : J5901-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S-E

Quant Time: Nov 13 04:24:44 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

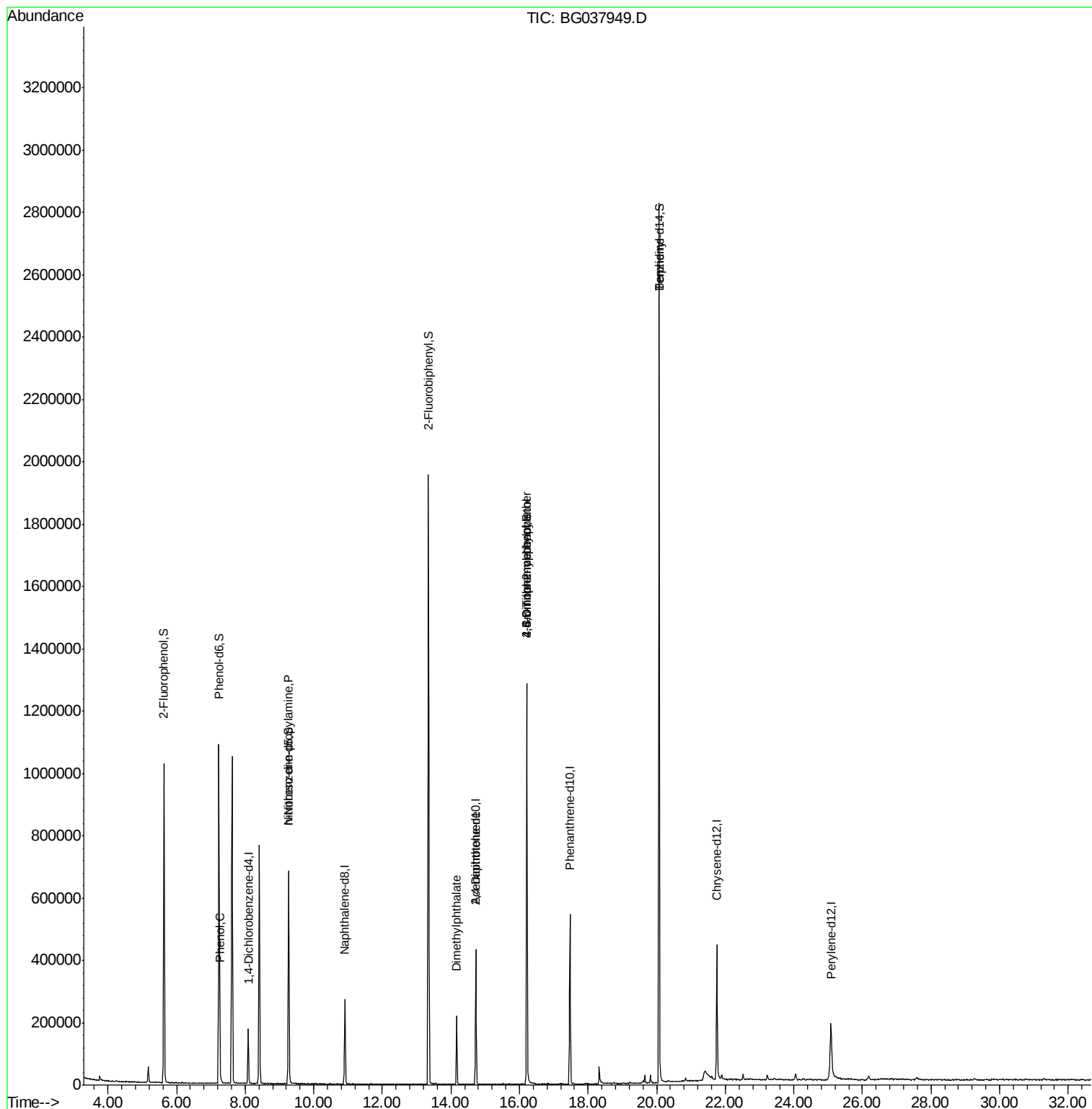
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	54150	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	243714	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	161175	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	343153	20.00	ng	-0.02
76) Chrysene-d12	21.75	240	298181	20.00	ng	-0.02
87) Perylene-d12	25.08	264	248947	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	478093	147.61	ng	-0.02
7) Phenol-d6	7.24	99	710995	145.17	ng	-0.02
23) Nitrobenzene-d5	9.27	82	435369	100.07	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	241071	137.13	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	1048424	98.09	ng	-0.02
79) Terphenyl-d14	20.07	244	1397752	100.16	ng	-0.02
Target Compounds						
10) Phenol	7.27	94	42785	8.280	ng	96
19) n-Nitroso-di-n-propylamine	9.27	70	54458	16.147	ng	# 76
50) Dimethylphthalate	14.17	163	155908	12.504	ng	99
57) 2,4-Dinitrotoluene	14.72	165	20455	5.649	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.21	198	930	8.932	ng	76
67) 4-Bromophenyl-phenylether	16.21	248	18504	4.910	ng	# 1
77) Benzidine	20.07	184	22482	2.217	ng	# 95

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

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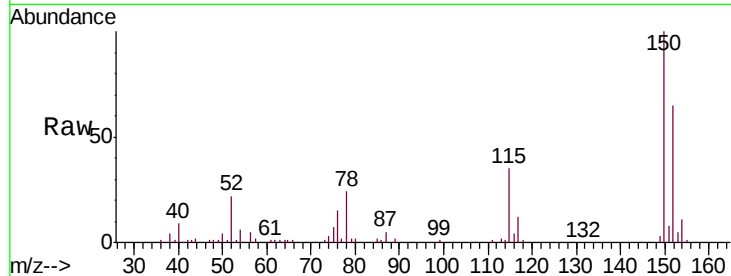


#1

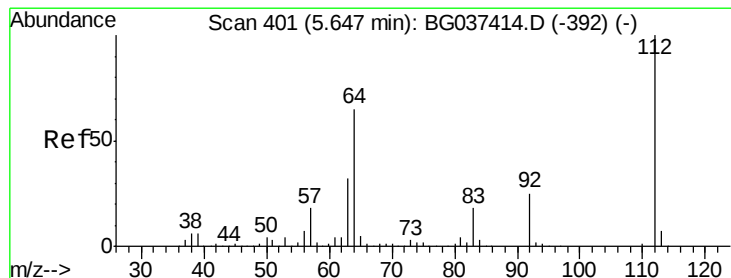
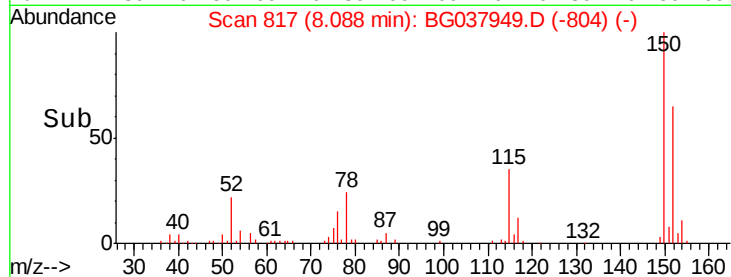
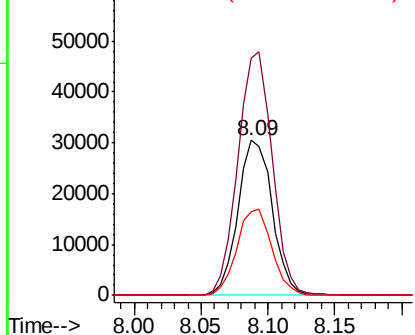
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037949.D
Acq: 12 Nov 2018 18:05

Instrument :
BNA_G
ClientSampleId :
S-E

Tgt Ion:152 Resp: 54150
Ion Ratio Lower Upper
152 100
150 153.0 126.0 189.0
115 53.5 45.5 68.3



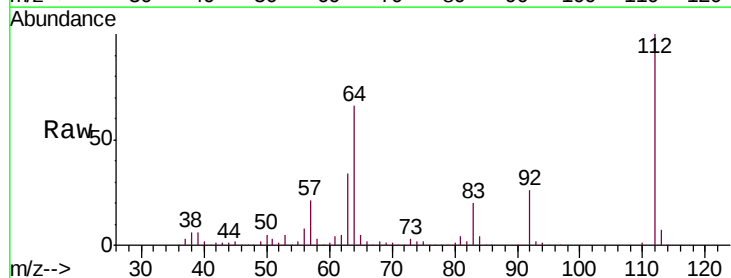
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



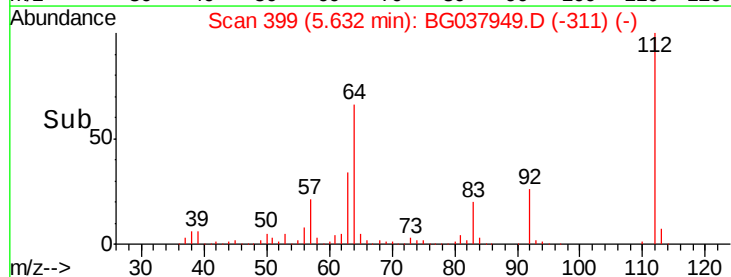
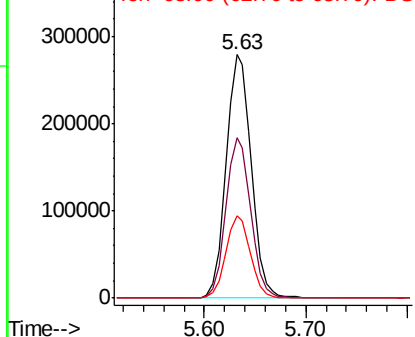
#5

2-Fluorophenol
Concen: 147.609 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.02 min
Lab File: BG037949.D
Acq: 12 Nov 2018 18:05

Tgt Ion:112 Resp: 478093
Ion Ratio Lower Upper
112 100
64 66.1 53.1 79.7
63 33.7 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: 145.171 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG037949.D

Acq: 12 Nov 2018 18:05

Instrument :

BNA_G

ClientSampleId :

S-E

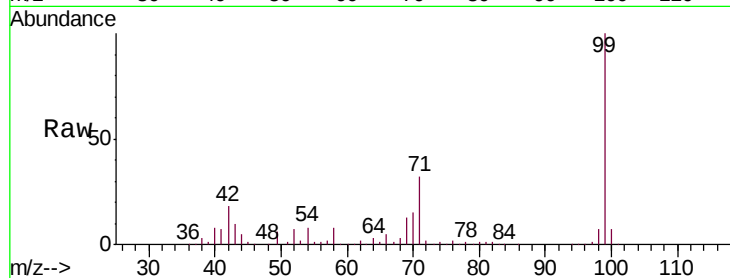
Tgt Ion: 99 Resp: 710995

Ion Ratio Lower Upper

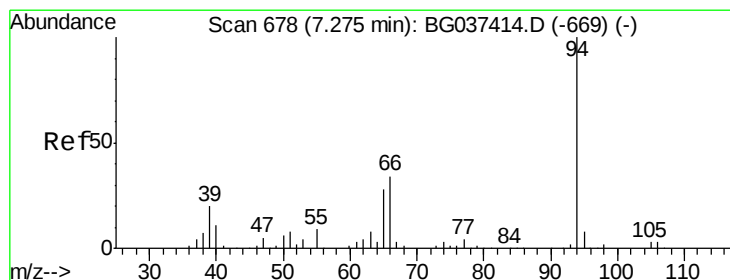
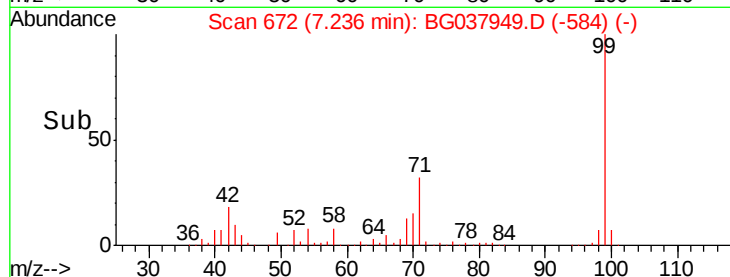
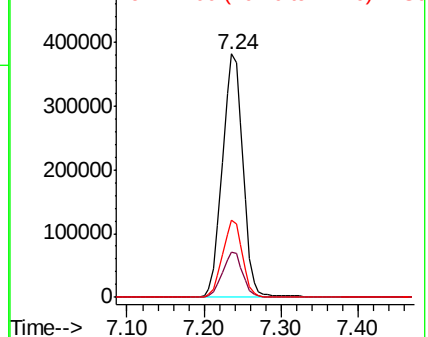
99 100

42 18.3 15.0 22.4

71 31.5 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: 8.280 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037949.D

Acq: 12 Nov 2018 18:05

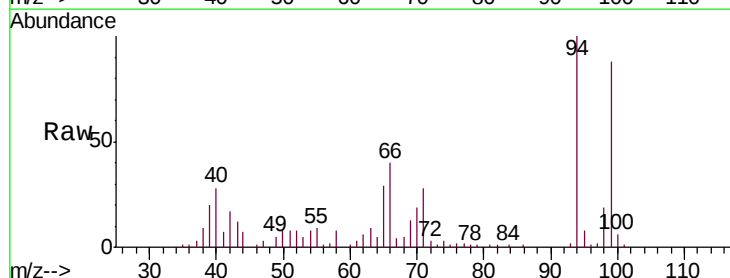
Tgt Ion: 94 Resp: 42785

Ion Ratio Lower Upper

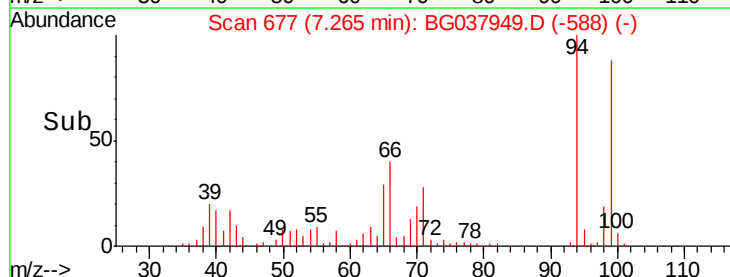
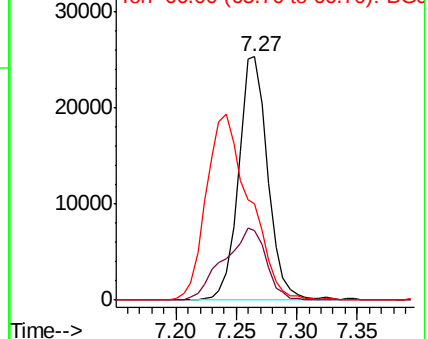
94 100

65 28.8 9.7 49.7

66 39.6 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

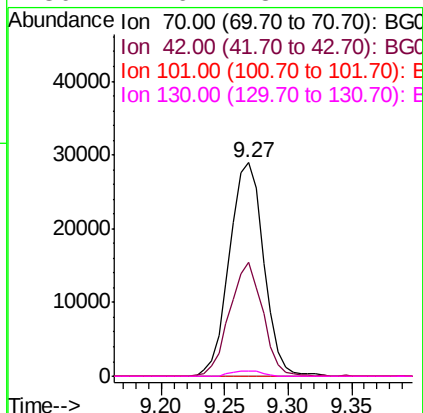
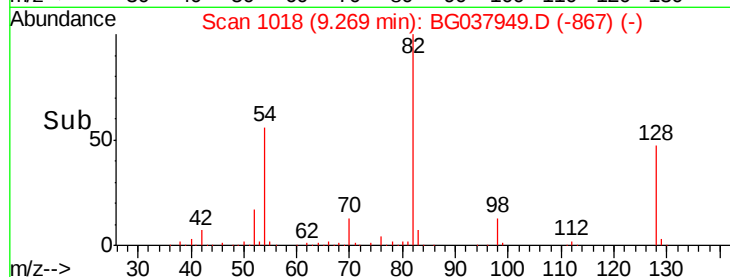
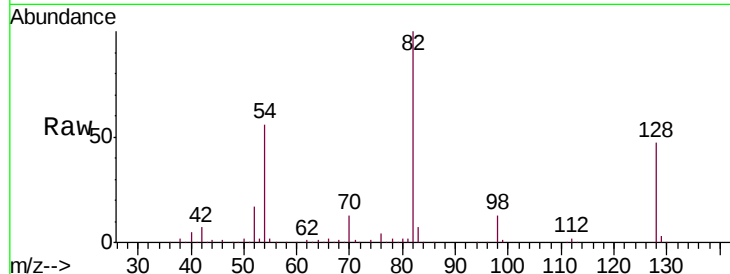




#19
n-Nitroso-di-n-propylamine
Concen: 16.147 ng
RT: 9.27 min Scan# 1018
Delta R.T. 0.35 min
Lab File: BG037949.D
Acq: 12 Nov 2018 18:05

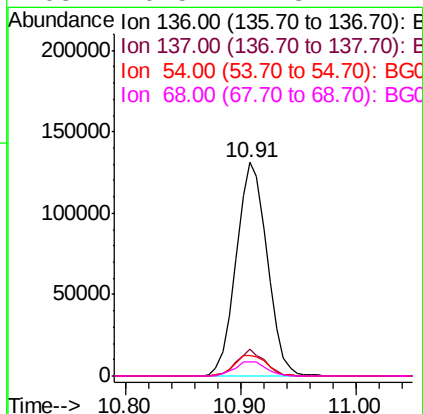
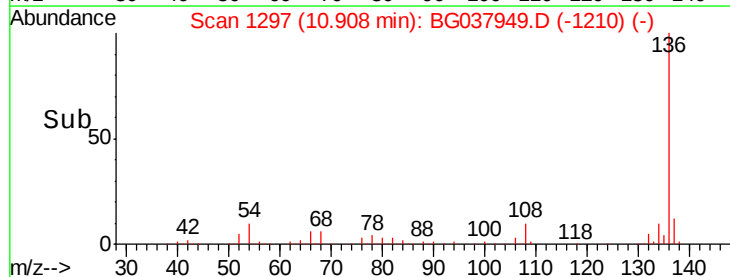
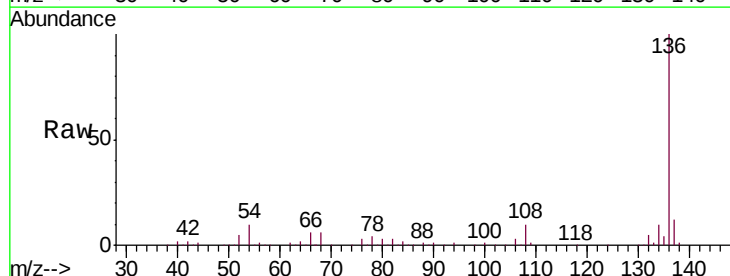
Instrument :
BNA_G
ClientSampleId :
S-E

Tgt Ion: 70 Resp: 54458
Ion Ratio Lower Upper
70 100
42 53.6 53.9 80.9#
101 0.0 8.2 12.2#
130 2.6 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037949.D
Acq: 12 Nov 2018 18:05

Tgt Ion: 136 Resp: 243714
Ion Ratio Lower Upper
136 100
137 12.4 9.6 14.4
54 9.8 7.9 11.9
68 6.5 4.8 7.2

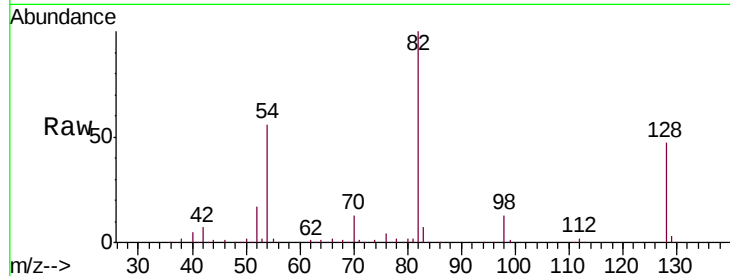




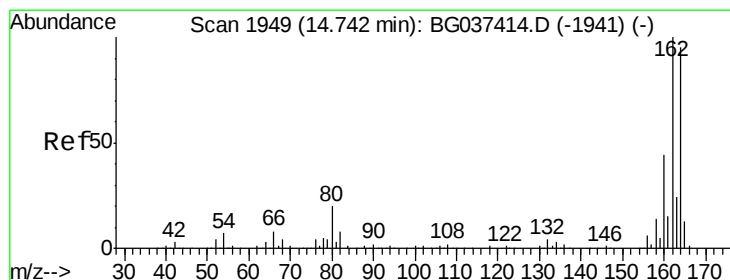
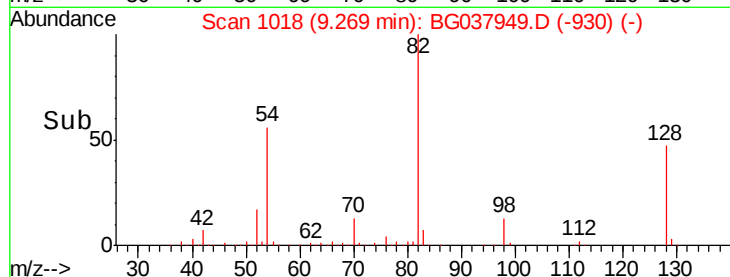
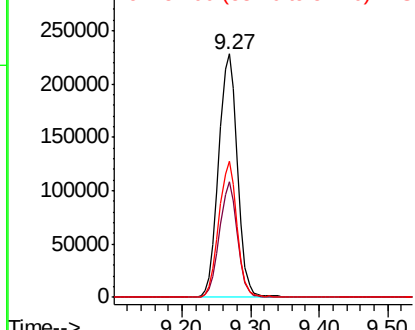
#23
Nitrobenzene-d5
Concen: 100.072 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BG037949.D
Acq: 12 Nov 2018 18:05

Instrument :
BNA_G
ClientSampleId :
S-E

Tgt Ion: 82 Resp: 435369
Ion Ratio Lower Upper
82 100
128 47.3 34.6 51.8
54 55.8 45.3 67.9

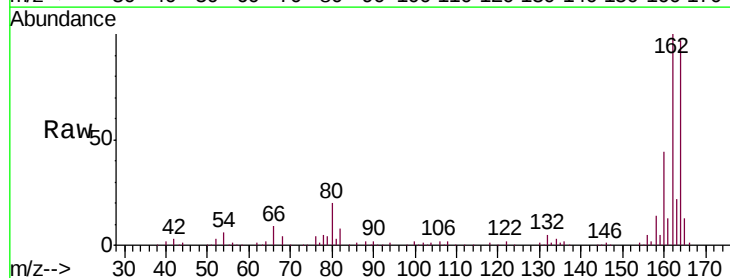


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

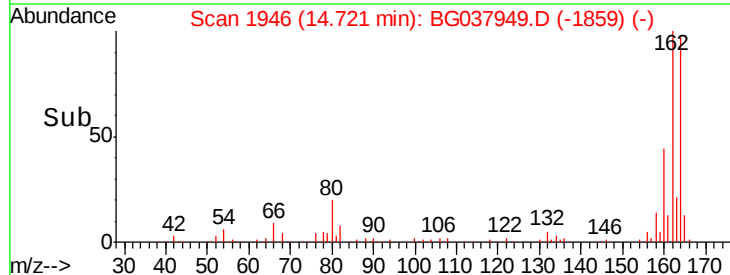
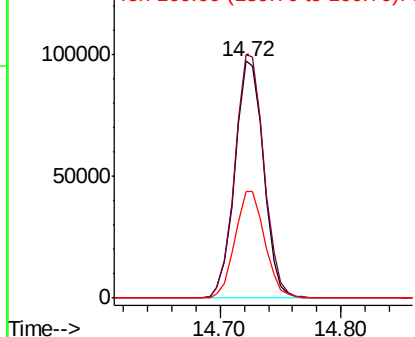


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG037949.D
Acq: 12 Nov 2018 18:05

Tgt Ion: 164 Resp: 161175
Ion Ratio Lower Upper
164 100
162 102.8 81.3 121.9
160 44.8 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

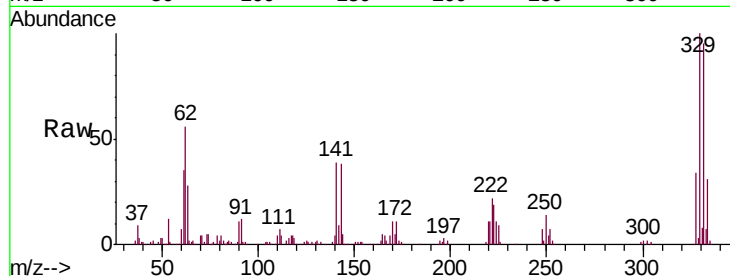




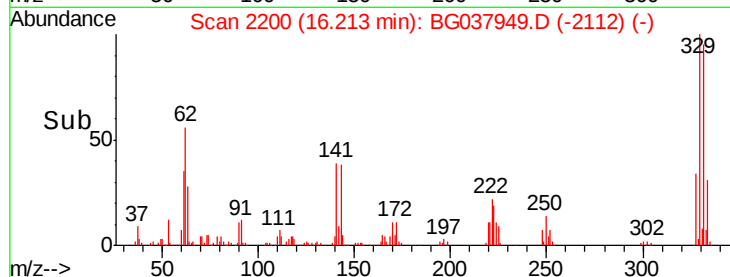
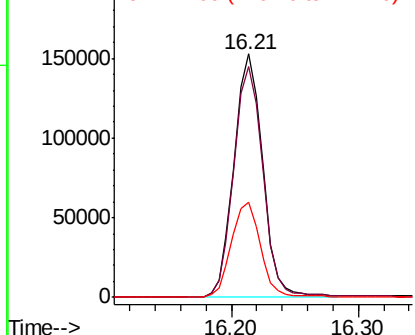
#42
 2,4,6-Tribromophenol
 Concen: 137.134 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.02 min
 Lab File: BG037949.D
 Acq: 12 Nov 2018 18:05

Instrument :
 BNA_G
 ClientSampleId :
 S-E

Tgt Ion:330 Resp: 241071
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.4 117.6
 141 39.8 32.2 48.2

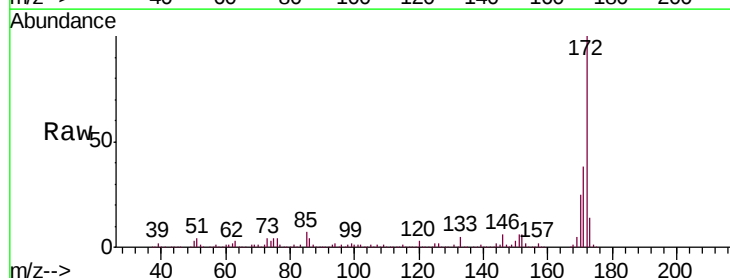


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

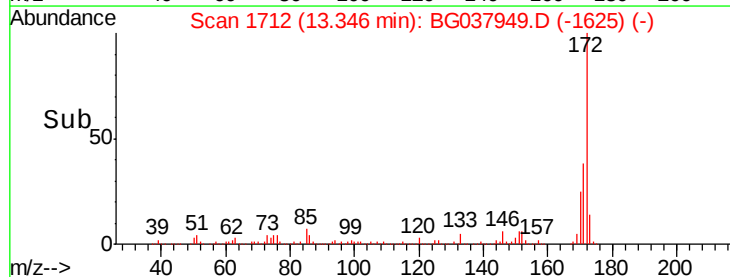
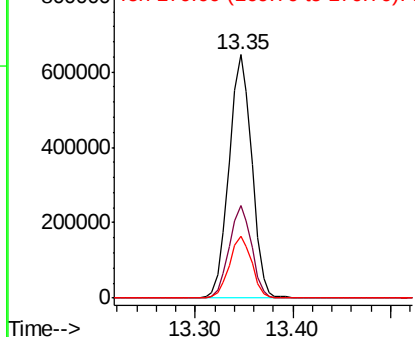


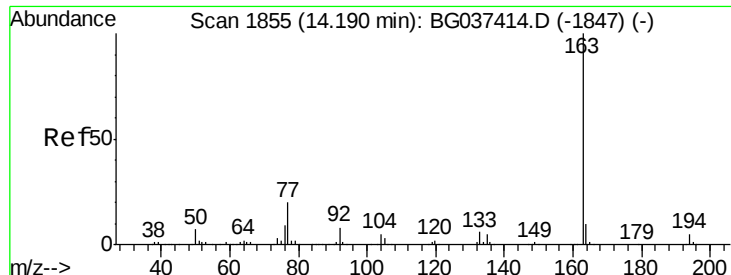
#45
 2-Fluorobiphenyl
 Concen: 98.090 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037949.D
 Acq: 12 Nov 2018 18:05

Tgt Ion:172 Resp: 1048424
 Ion Ratio Lower Upper
 172 100
 171 38.0 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





#50

Dimethylphthalate

Concen: 12.504 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BG037949.D

Acq: 12 Nov 2018 18:05

Instrument :

BNA_G

ClientSampleId :

S-E

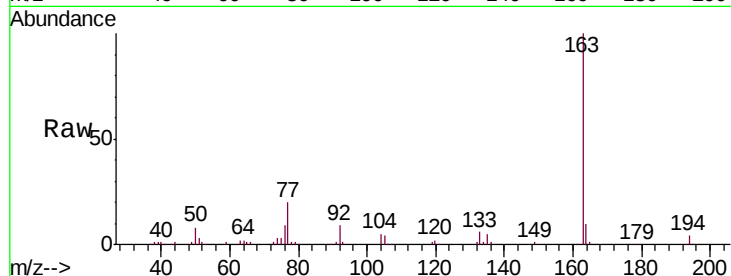
Tgt Ion:163 Resp: 155908

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

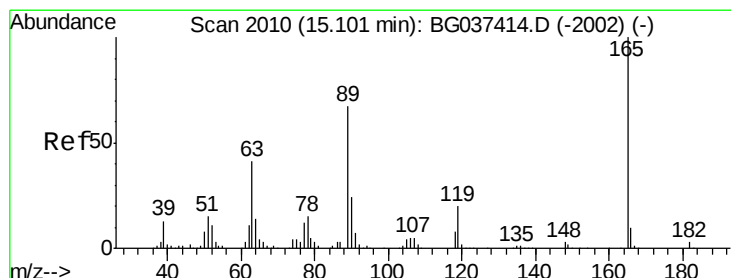
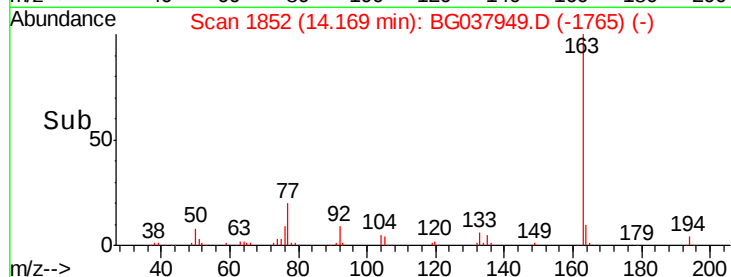
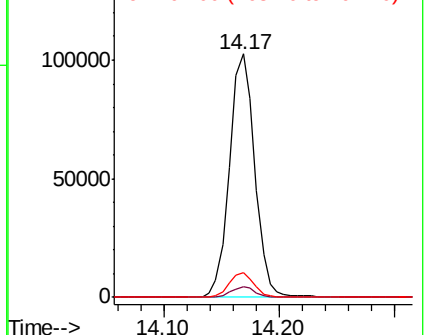
164 10.0 8.5 12.7



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: 5.649 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.38 min

Lab File: BG037949.D

Acq: 12 Nov 2018 18:05

Tgt Ion:165 Resp: 20455

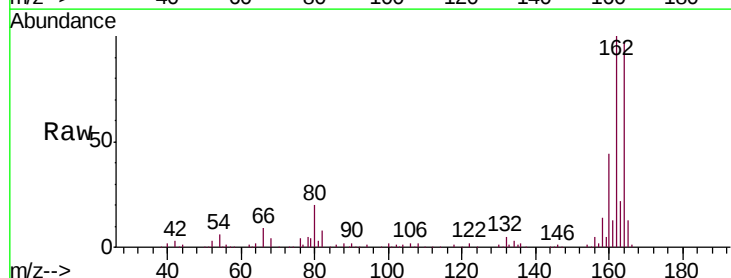
Ion Ratio Lower Upper

165 100

63 1.4 33.4 50.0#

89 1.3 57.2 85.8#

182 0.0 2.6 4.0#

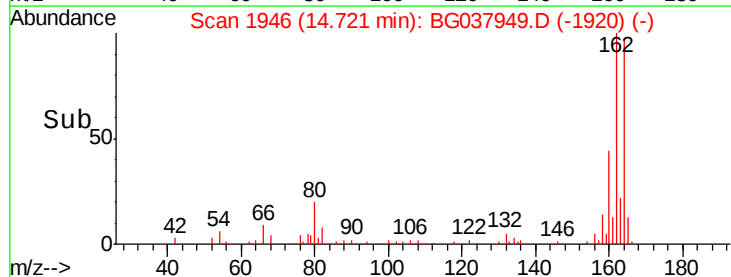
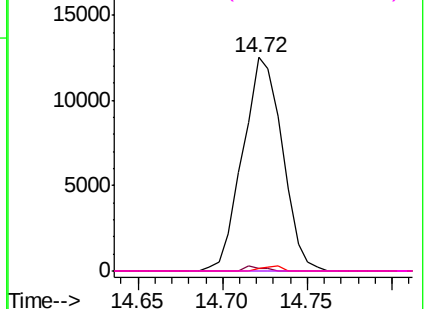


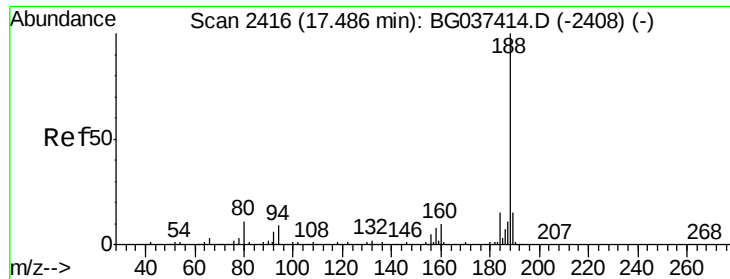
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.47 min Scan# 2414

Delta R.T. -0.02 min

Lab File: BG037949.D

Acq: 12 Nov 2018 18:05

Instrument :

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ClientSampleId :

S-E

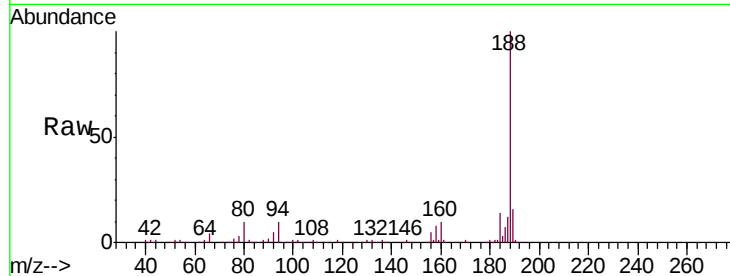
Tgt Ion:188 Resp: 343153

Ion Ratio Lower Upper

188 100

94 9.6 7.2 10.8

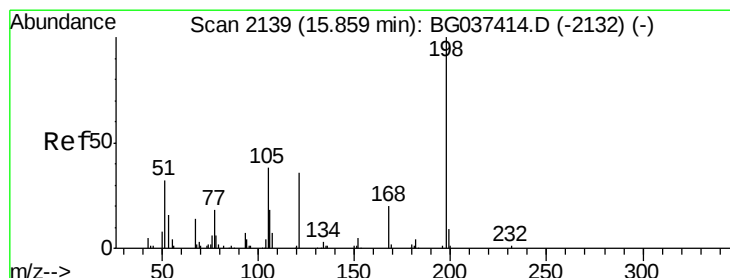
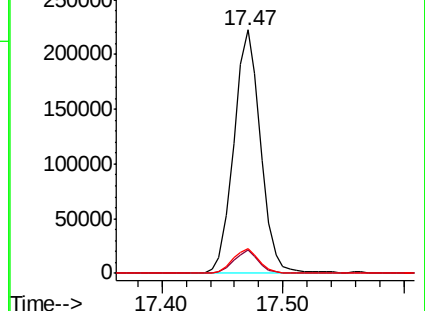
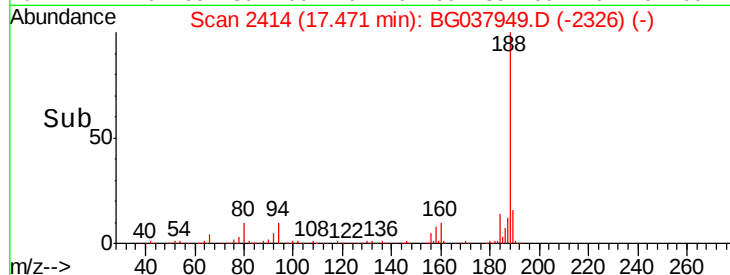
80 10.0 7.7 11.5



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: 8.932 ng

RT: 16.21 min Scan# 2199

Delta R.T. 0.35 min

Lab File: BG037949.D

Acq: 12 Nov 2018 18:05

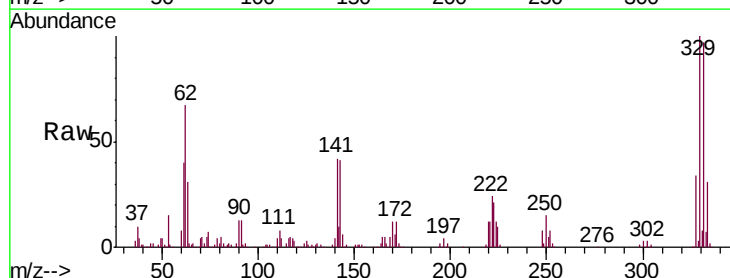
Tgt Ion:198 Resp: 930

Ion Ratio Lower Upper

198 100

51 25.9 22.7 62.7

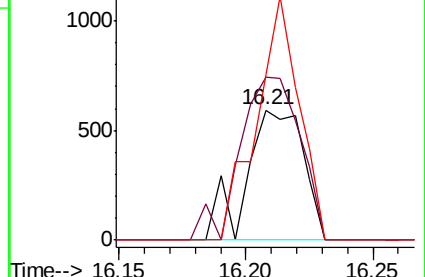
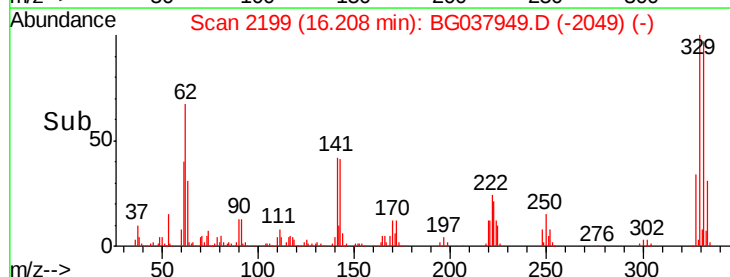
105 26.3 19.7 59.7



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

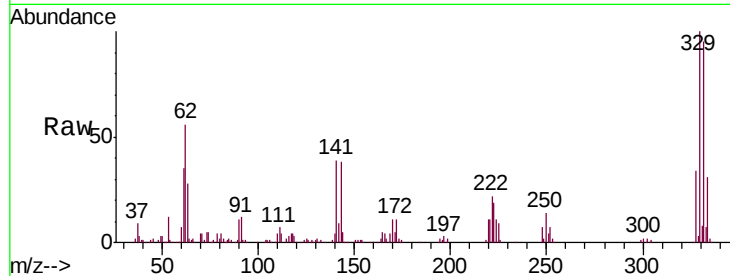




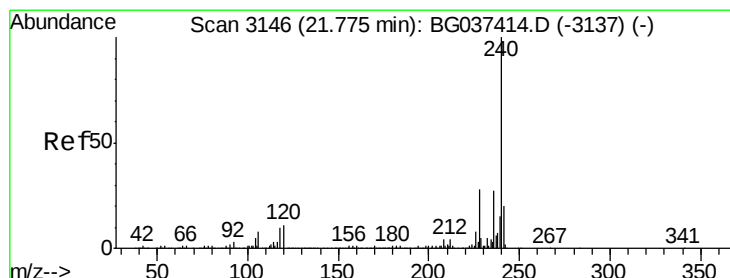
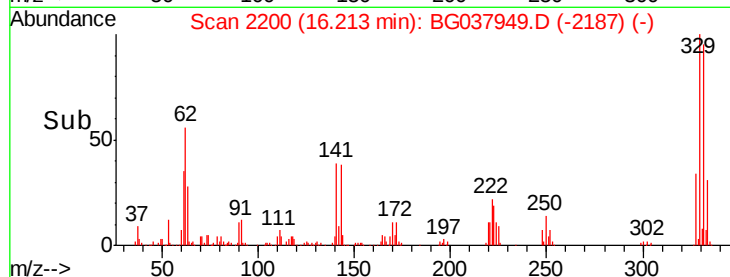
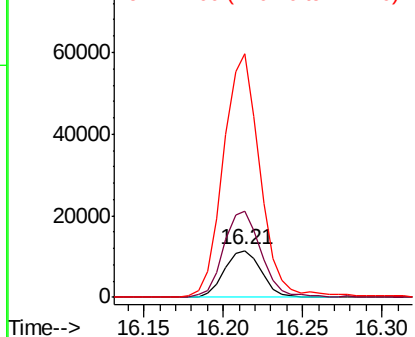
#67
 4-Bromophenyl-phenylether
 Concen: 4.910 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.46 min
 Lab File: BG037949.D
 Acq: 12 Nov 2018 18:05

Instrument :
 BNA_G
 ClientSampleId :
 S-E

Tgt Ion:248 Resp: 18504
 Ion Ratio Lower Upper
 248 100
 250 186.3 77.0 115.6#
 141 403.9 55.5 83.3#

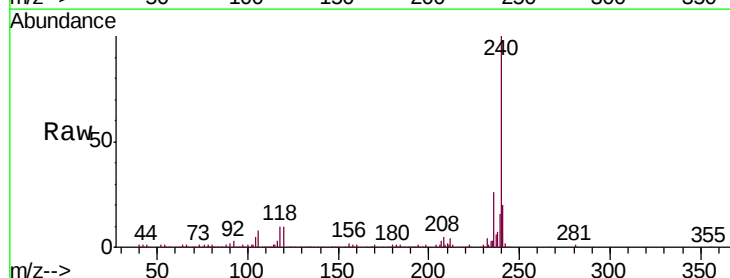


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

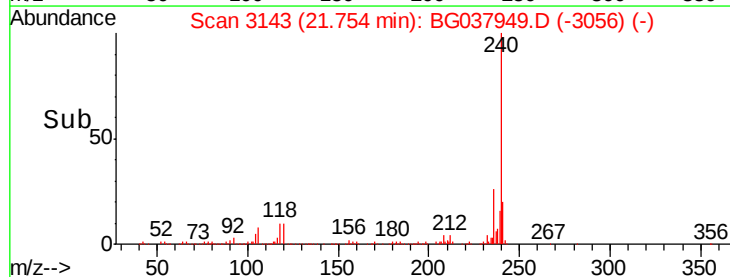
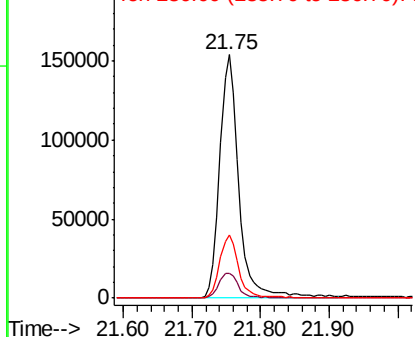


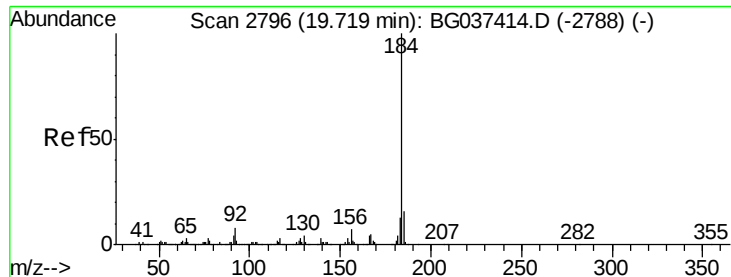
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3143
 Delta R.T. -0.02 min
 Lab File: BG037949.D
 Acq: 12 Nov 2018 18:05

Tgt Ion:240 Resp: 298181
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.1 12.1
 236 25.7 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

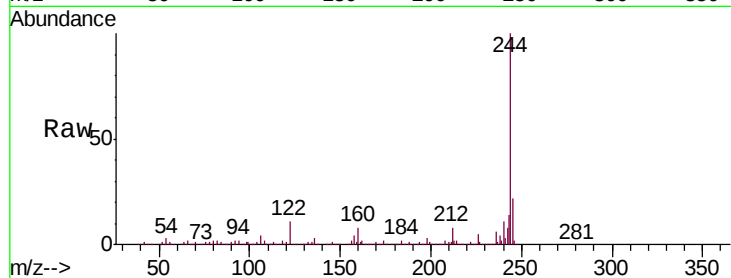




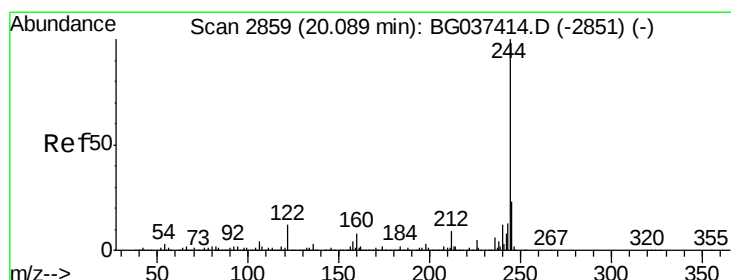
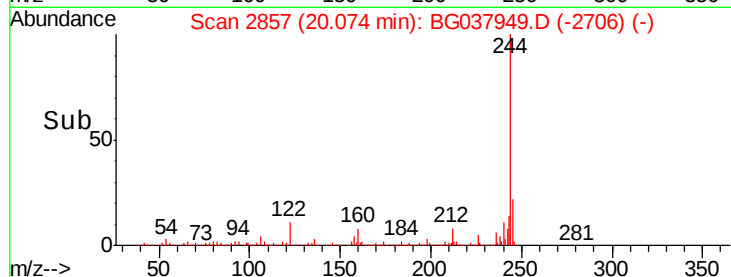
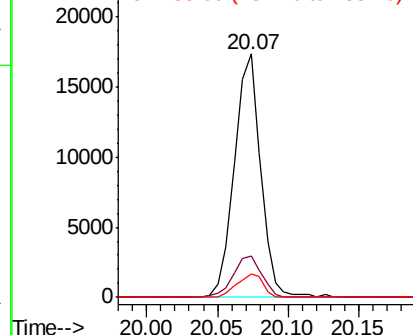
#77
Benzidine
Concen: 2.217 ng
RT: 20.07 min Scan# 2857
Delta R.T. 0.35 min
Lab File: BG037949.D
Acq: 12 Nov 2018 18:05

Instrument :
BNA_G
ClientSampleId :
S-E

Tgt Ion:184 Resp: 22482
Ion Ratio Lower Upper
184 100
185 17.1 12.6 18.8
183 9.7 10.2 15.2#

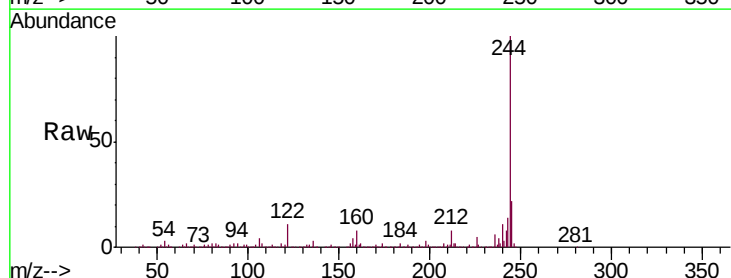


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

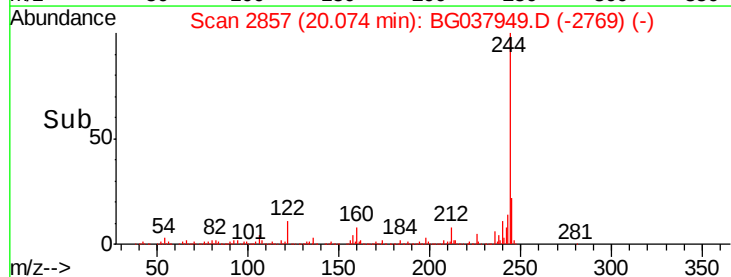
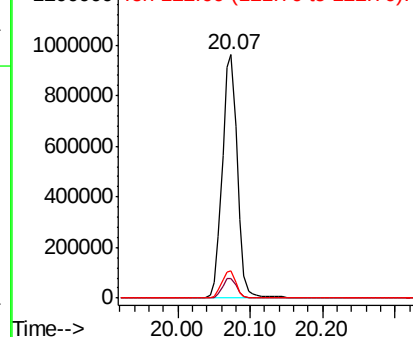


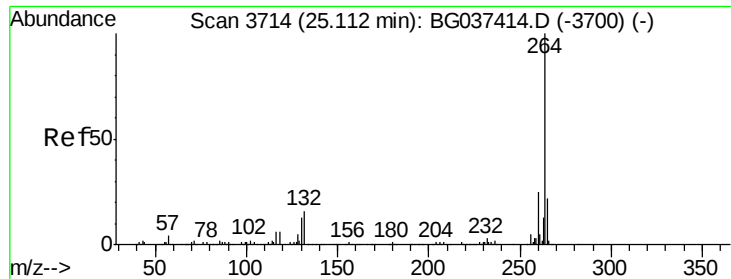
#79
Terphenyl-d14
Concen: 100.163 ng
RT: 20.07 min Scan# 2857
Delta R.T. -0.02 min
Lab File: BG037949.D
Acq: 12 Nov 2018 18:05

Tgt Ion:244 Resp: 1397752
Ion Ratio Lower Upper
244 100
212 8.3 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
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. -0.03 min
Lab File: BG037949.D
Acq: 12 Nov 2018 18:05

Instrument :
BNA_G
ClientSampleId :
S-E

Tgt Ion: 264 Resp: 248947
Ion Ratio Lower Upper
264 100
260 23.8 18.2 27.4
265 20.8 17.9 26.9

