

Data File : BG037947.D
Acq On : 12 Nov 2018 16:47
Operator : JU/SJ
Sample : J5895-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-2

Quant Time: Nov 13 04:24:06 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

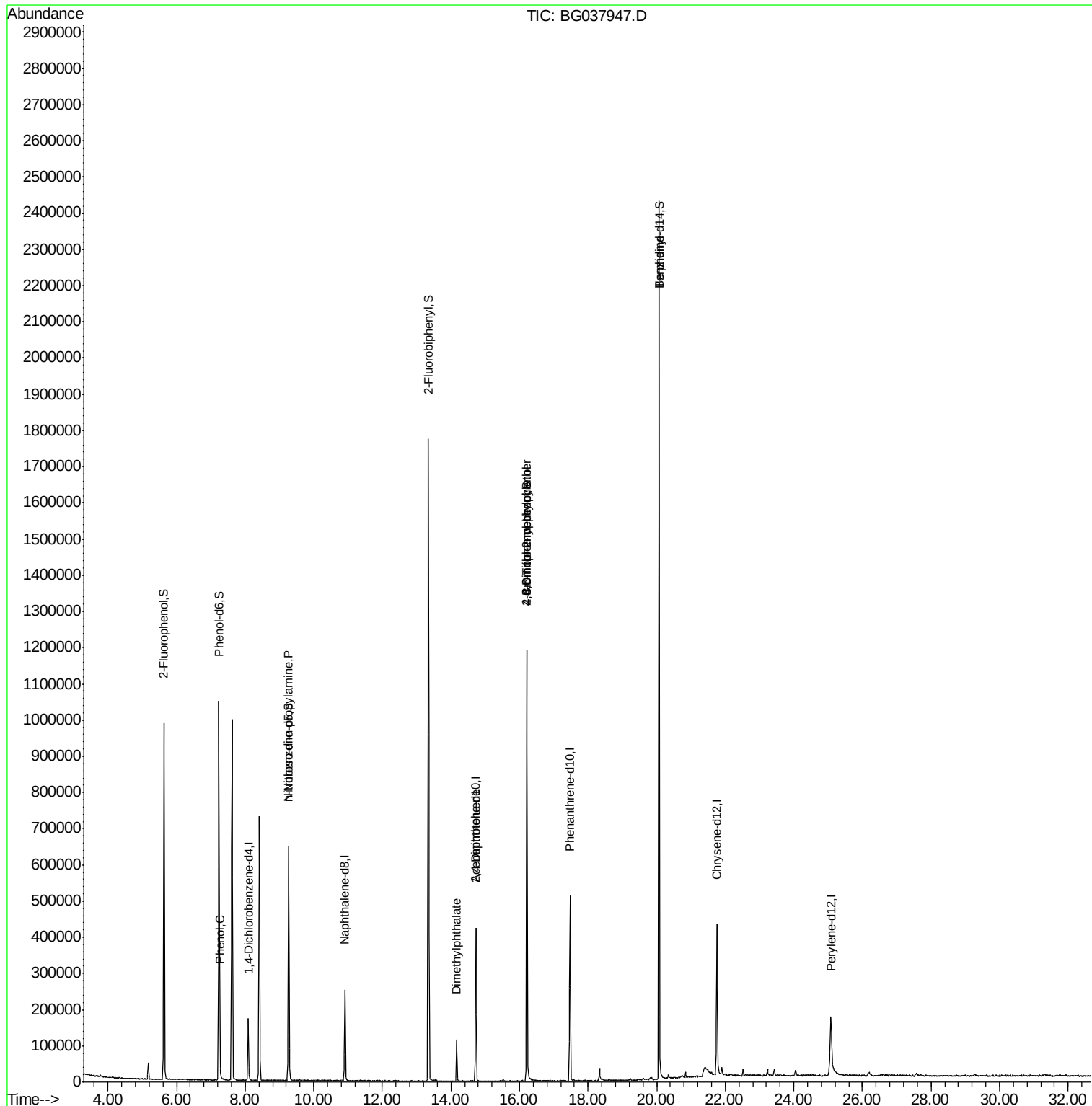
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	51990	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	234683	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	154843	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	326400	20.00	ng	-0.02
76) Chrysene-d12	21.75	240	288084	20.00	ng	-0.02
87) Perylene-d12	25.08	264	249831	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	453525	145.84	ng	-0.02
7) Phenol-d6	7.24	99	675001	143.55	ng	-0.02
23) Nitrobenzene-d5	9.27	82	409896	97.84	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	228182	135.11	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	972996	94.76	ng	-0.02
79) Terphenyl-d14	20.07	244	1228393	91.11	ng	-0.02
Target Compounds						
10) Phenol	7.27	94	22845	4.605	ng	95
19) n-Nitroso-di-n-propylamine	9.27	70	52237	16.132	ng	# 69
50) Dimethylphthalate	14.17	163	82380	6.877	ng	97
57) 2,4-Dinitrotoluene	14.73	165	19416	5.582	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.21	198	773	8.879	ng	77
67) 4-Bromophenyl-phenylether	16.21	248	17031	4.751	ng	# 1
77) Benizidine	20.07	184	19829	2.024	ng	# 93

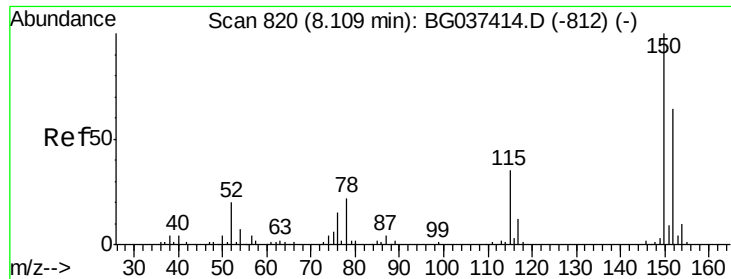
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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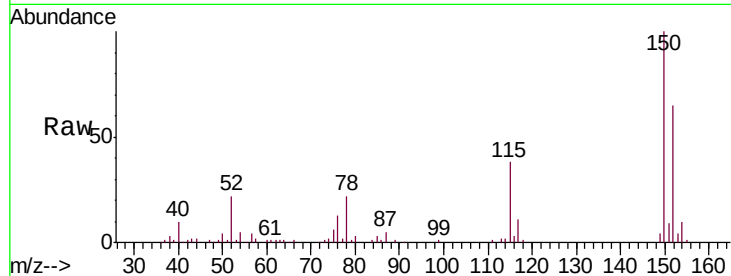


#1

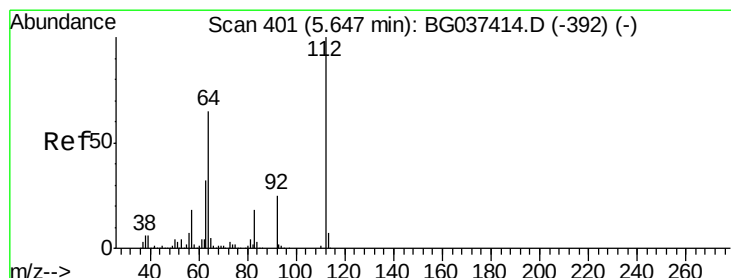
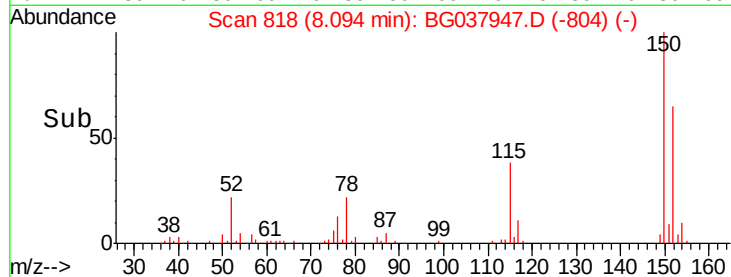
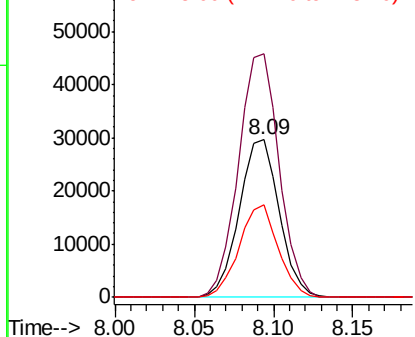
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037947.D
Acq: 12 Nov 2018 16:47

Instrument :
BNA_G
ClientSampleId :
SB-2

Tgt Ion:152 Resp: 51990
Ion Ratio Lower Upper
152 100
150 154.6 126.0 189.0
115 59.1 45.5 68.3



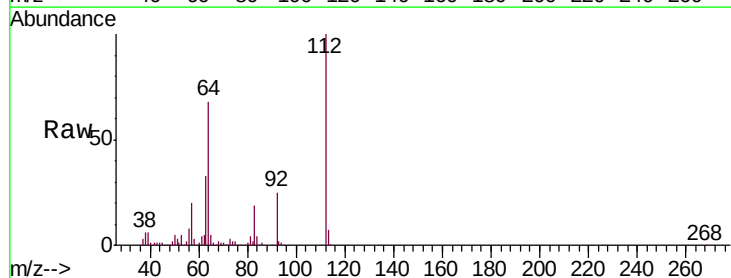
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



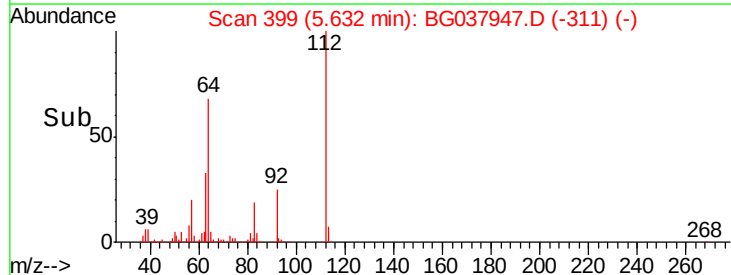
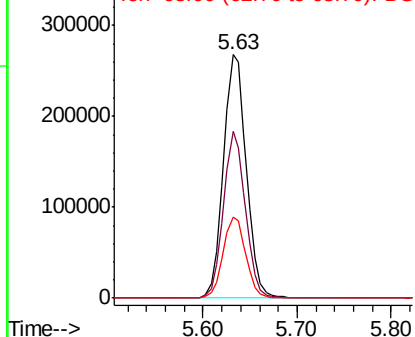
#5

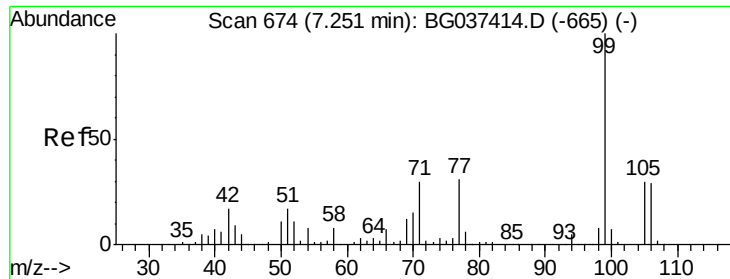
2-Fluorophenol
Concen: 145.841 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.02 min
Lab File: BG037947.D
Acq: 12 Nov 2018 16:47

Tgt Ion:112 Resp: 453525
Ion Ratio Lower Upper
112 100
64 68.3 53.1 79.7
63 33.2 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: 143.547 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG037947.D

Acq: 12 Nov 2018 16:47

Instrument :

BNA_G

ClientSampleId :

SB-2

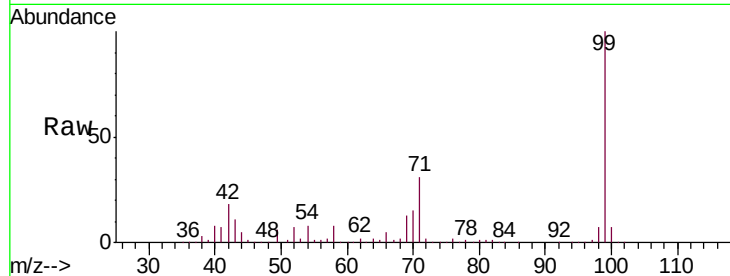
Tgt Ion: 99 Resp: 675001

Ion Ratio Lower Upper

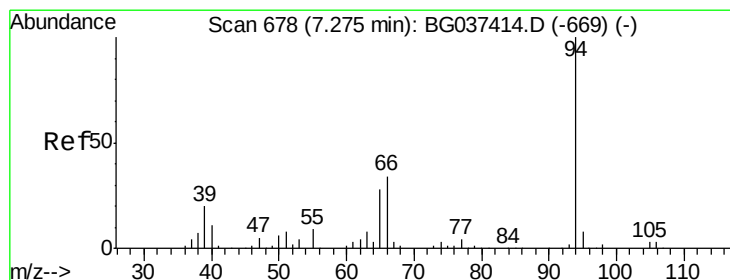
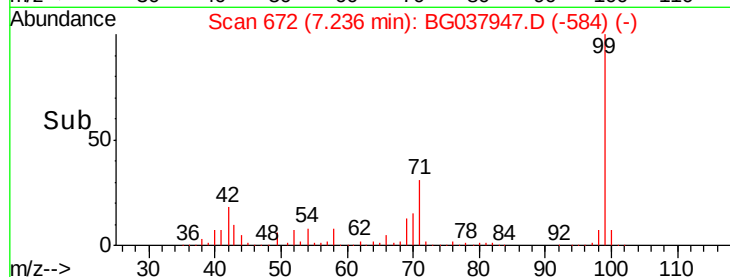
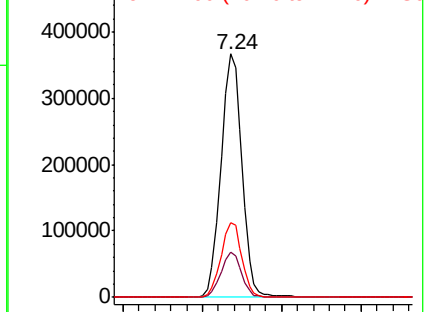
99 100

42 18.4 15.0 22.4

71 30.8 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
500000
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 4.605 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037947.D

Acq: 12 Nov 2018 16:47

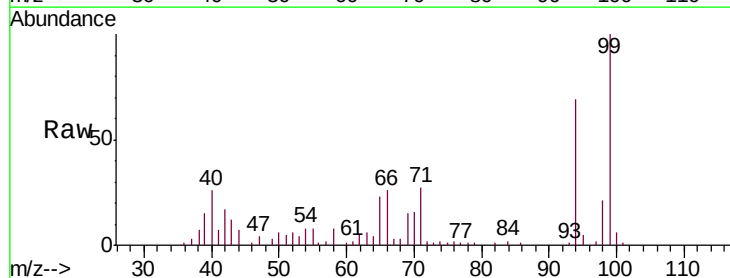
Tgt Ion: 94 Resp: 22845

Ion Ratio Lower Upper

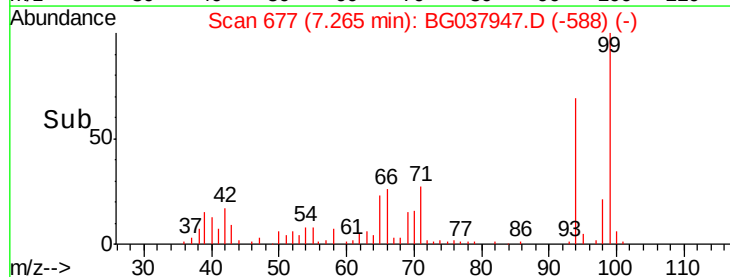
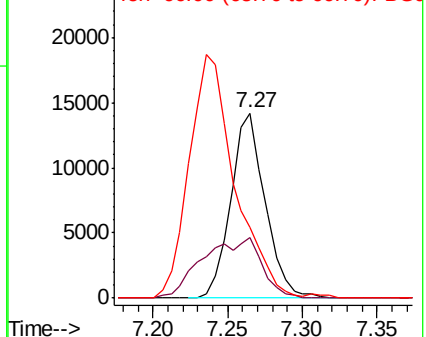
94 100

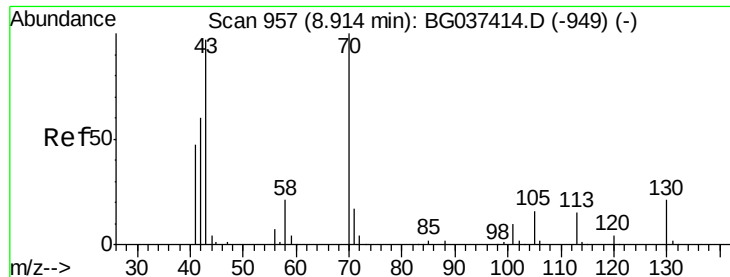
65 33.0 9.7 49.7

66 38.1 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
25000
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

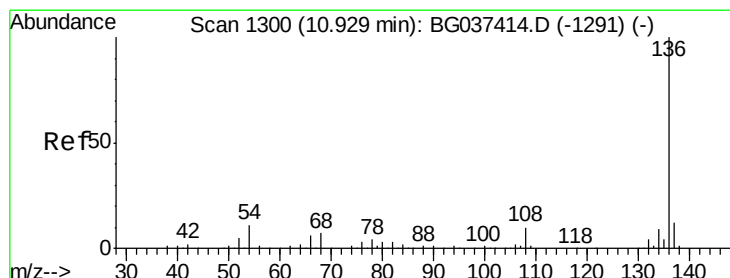
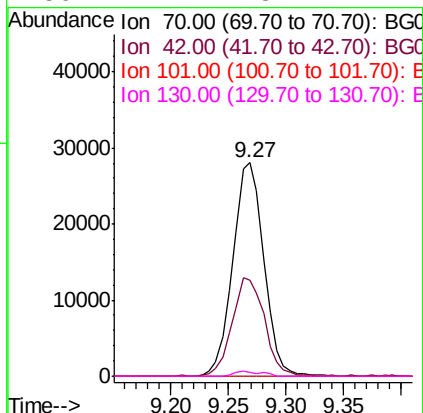
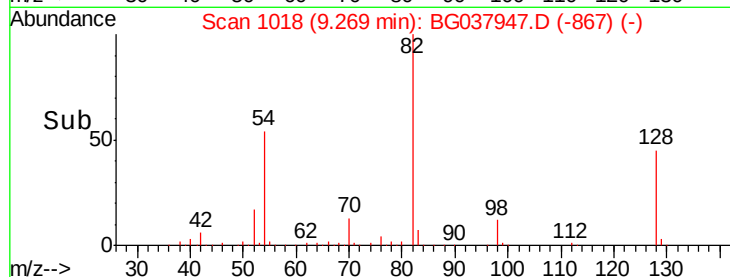
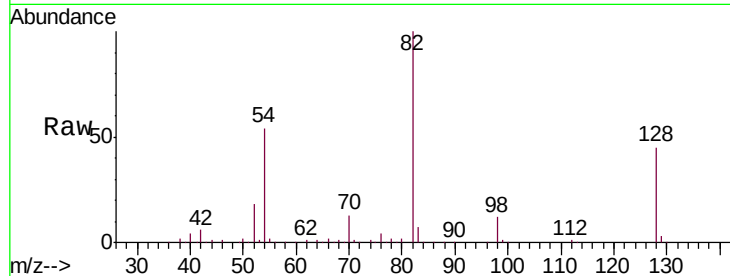




#19
n-Nitroso-di-n-propylamine
Concen: 16.132 ng
RT: 9.27 min Scan# 1018
Delta R.T. 0.35 min
Lab File: BG037947.D
Acq: 12 Nov 2018 16:47

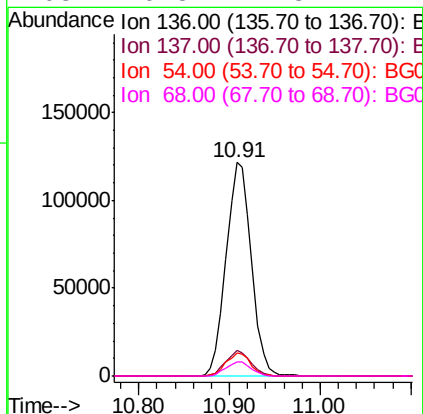
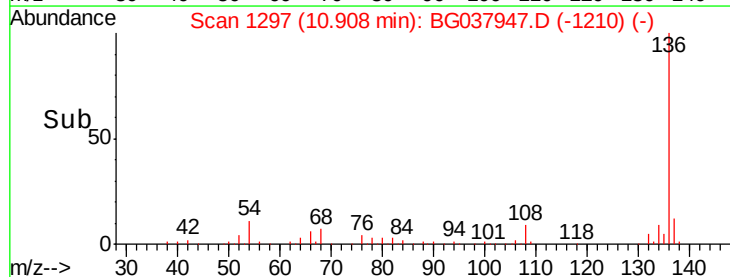
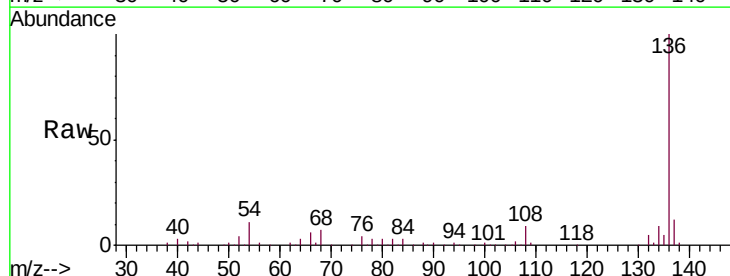
Instrument :
BNA_G
ClientSampleId :
SB-2

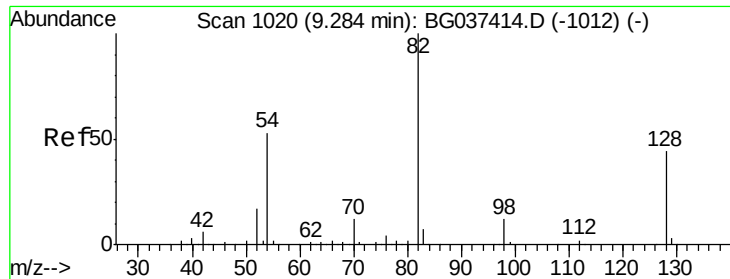
Tgt Ion: 70 Resp: 52237
Ion Ratio Lower Upper
70 100
42 45.2 53.9 80.9#
101 0.0 8.2 12.2#
130 2.1 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037947.D
Acq: 12 Nov 2018 16:47

Tgt Ion: 136 Resp: 234683
Ion Ratio Lower Upper
136 100
137 11.7 9.6 14.4
54 10.9 7.9 11.9
68 6.8 4.8 7.2

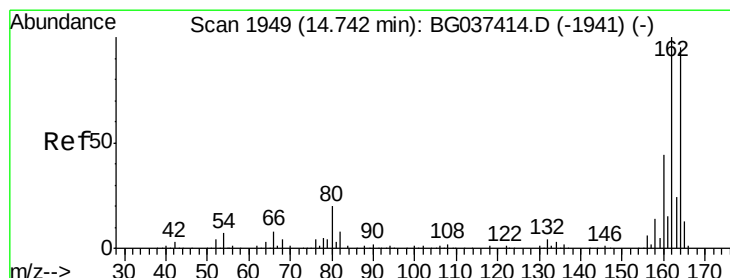
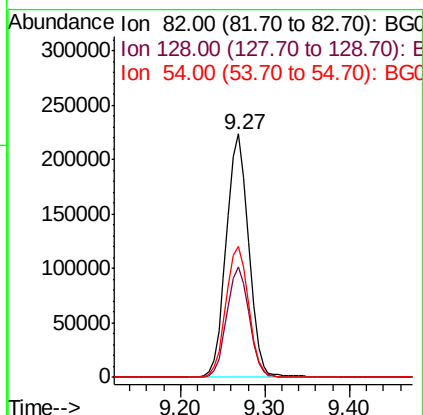
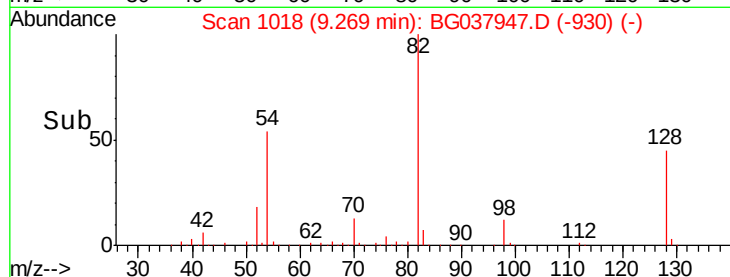
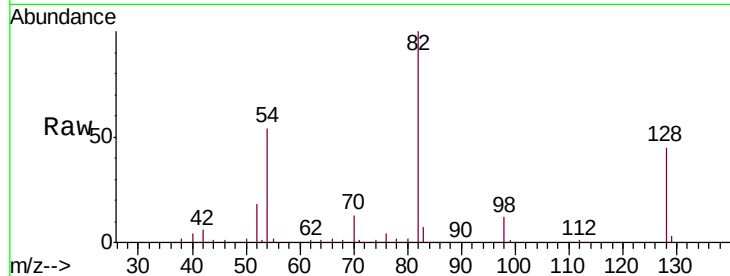




#23
 Nitrobenzene-d5
 Concen: 97.842 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.02 min
 Lab File: BG037947.D
 Acq: 12 Nov 2018 16:47

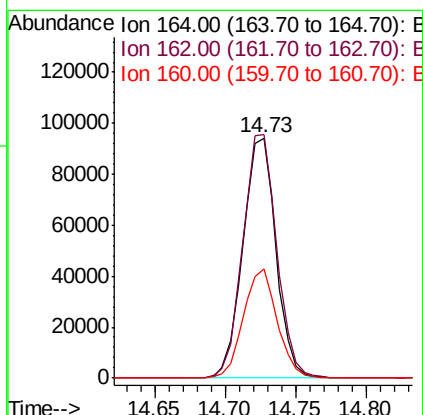
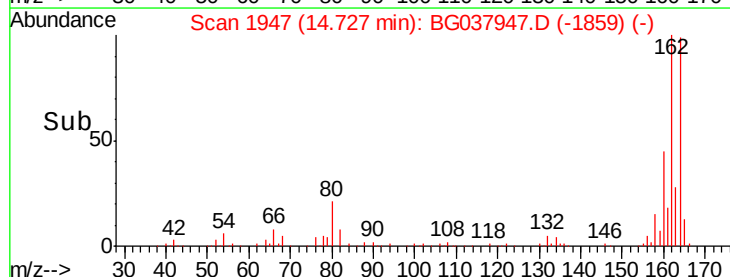
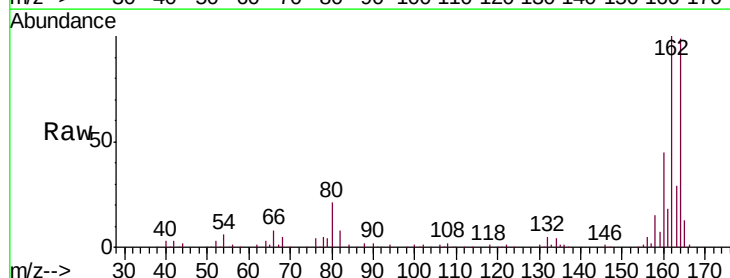
Instrument :
 BNA_G
 ClientSampleId :
 SB-2

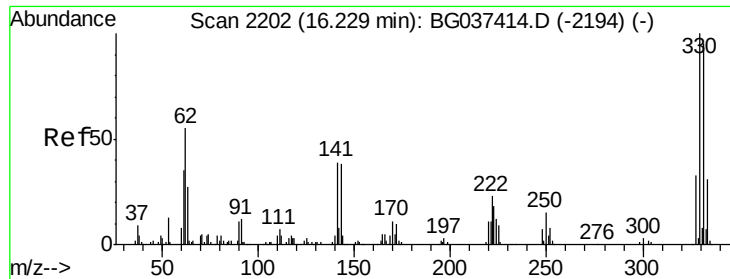
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.6	51.8
54	53.9	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.02 min
 Lab File: BG037947.D
 Acq: 12 Nov 2018 16:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.3	121.9
160	45.4	36.3	54.5

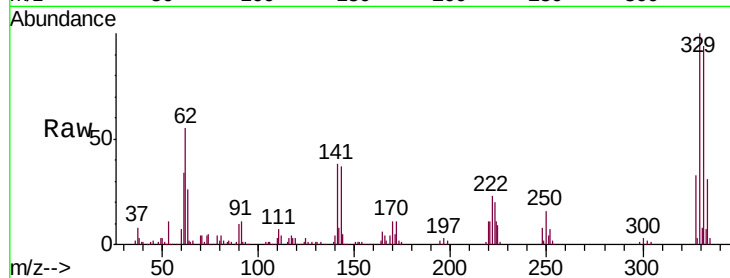




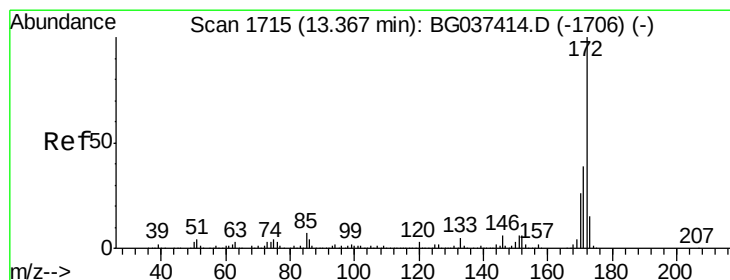
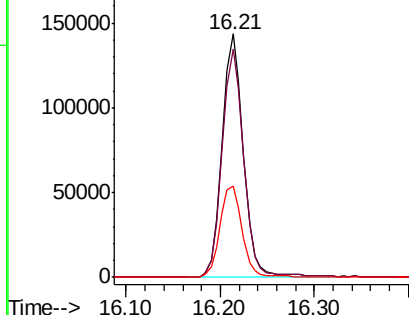
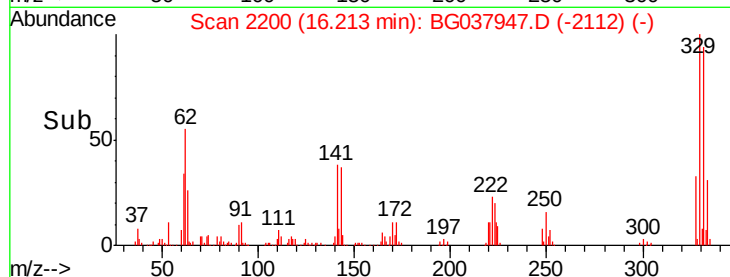
#42
 2,4,6-Tribromophenol
 Concen: 135.110 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.02 min
 Lab File: BG037947.D
 Acq: 12 Nov 2018 16:47

Instrument :
 BNA_G
 ClientSampleId :
 SB-2

Tgt Ion:330 Resp: 228182
 Ion Ratio Lower Upper
 330 100
 332 95.8 78.4 117.6
 141 38.6 32.2 48.2

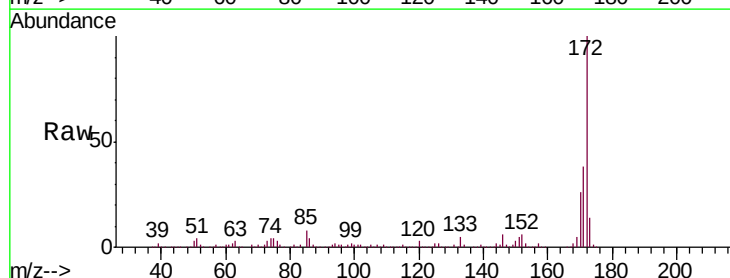


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

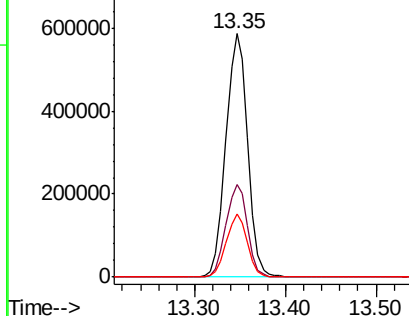
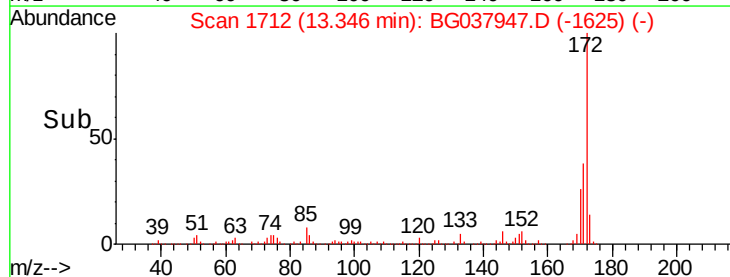


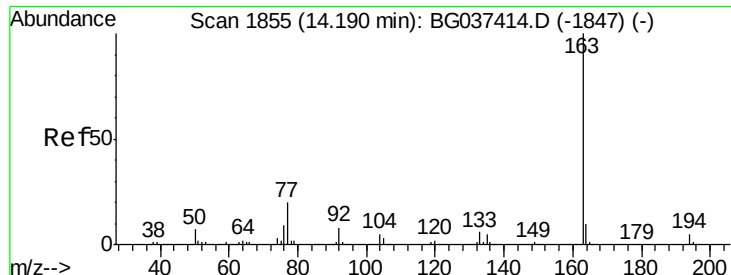
#45
 2-Fluorobiphenyl
 Concen: 94.756 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037947.D
 Acq: 12 Nov 2018 16:47

Tgt Ion:172 Resp: 972996
 Ion Ratio Lower Upper
 172 100
 171 38.1 31.0 46.4
 170 25.9 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: 6.877 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BG037947.D

Acq: 12 Nov 2018 16:47

Instrument :

BNA_G

ClientSampleId :

SB-2

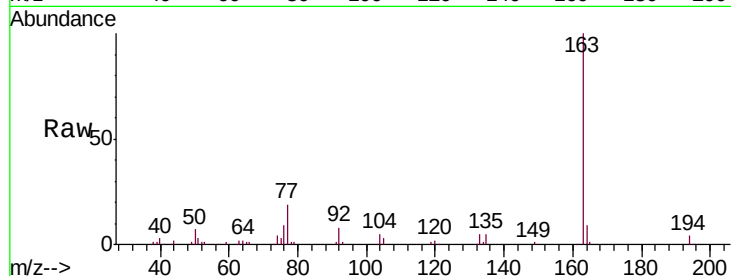
Tgt Ion:163 Resp: 82380

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

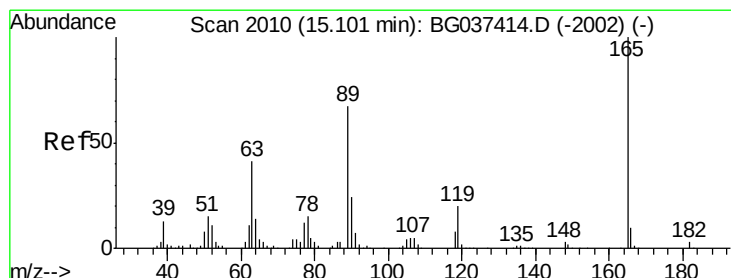
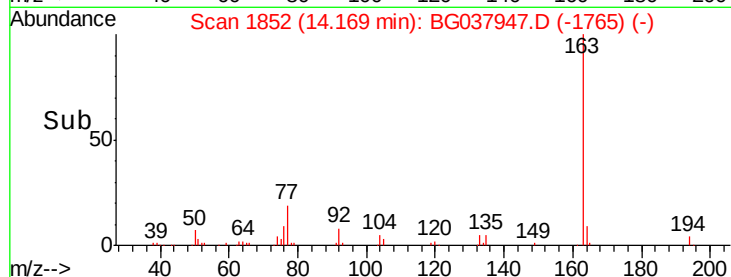
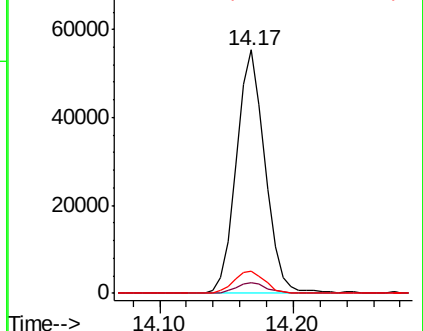
164 9.1 8.5 12.7



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: 5.582 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.37 min

Lab File: BG037947.D

Acq: 12 Nov 2018 16:47

Tgt Ion:165 Resp: 19416

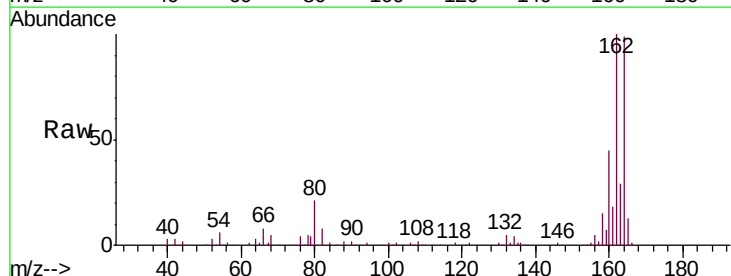
Ion Ratio Lower Upper

165 100

63 0.0 33.4 50.0#

89 0.0 57.2 85.8#

182 0.0 2.6 4.0#

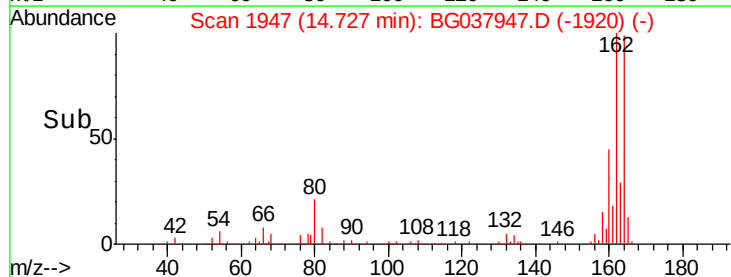
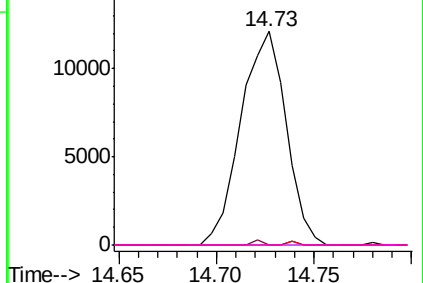


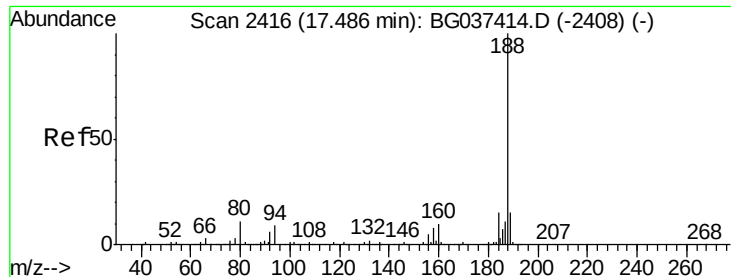
Abundance Ion 165.00 (164.70 to 165.70): E

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: BG037947.D

Acq: 12 Nov 2018 16:47

Instrument :

BNA_G

ClientSampled :

SB-2

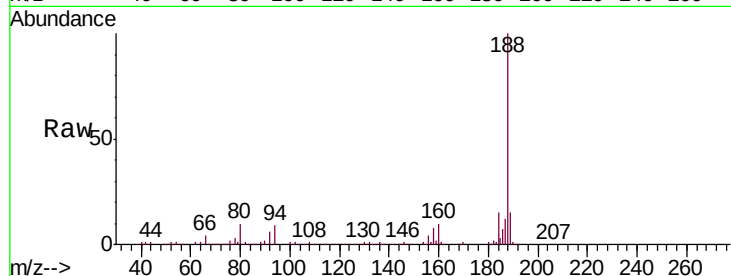
Tgt Ion:188 Resp: 326400

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

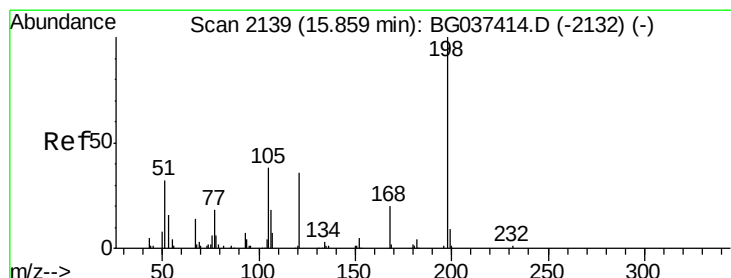
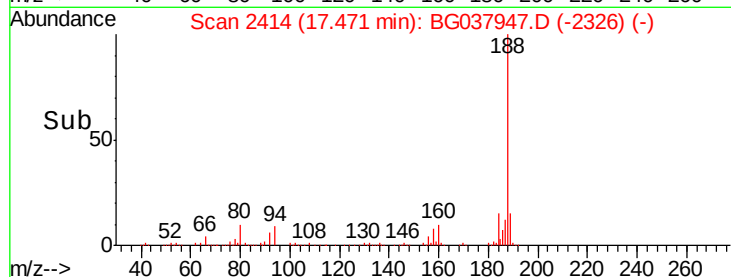
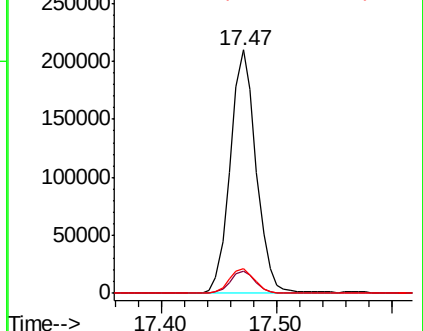
80 10.3 7.7 11.5



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: 8.879 ng

RT: 16.21 min Scan# 2200

Delta R.T. 0.36 min

Lab File: BG037947.D

Acq: 12 Nov 2018 16:47

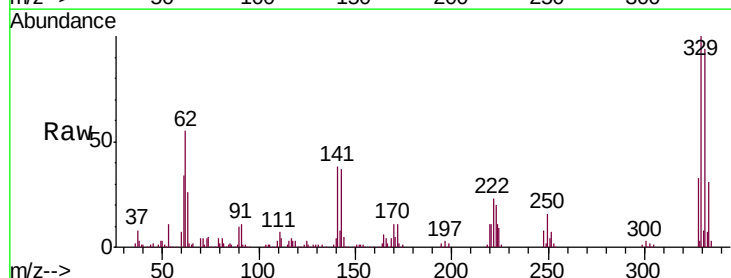
Tgt Ion:198 Resp: 773

Ion Ratio Lower Upper

198 100

51 24.4 22.7 62.7

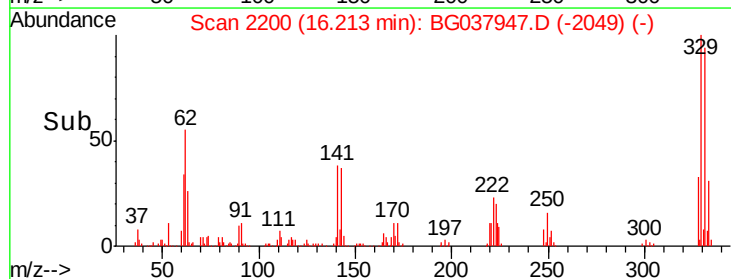
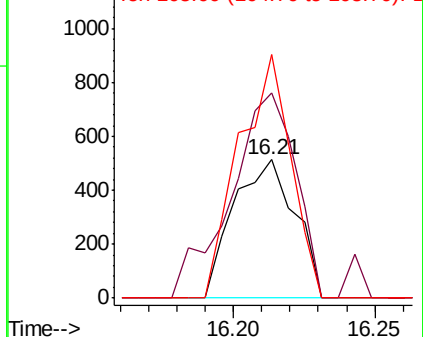
105 28.9 19.7 59.7

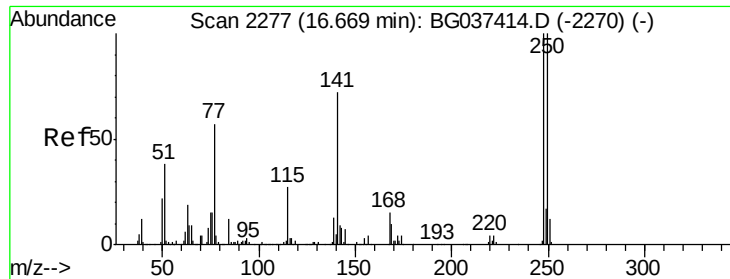


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

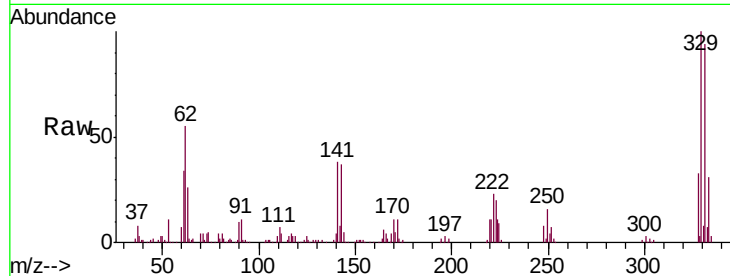




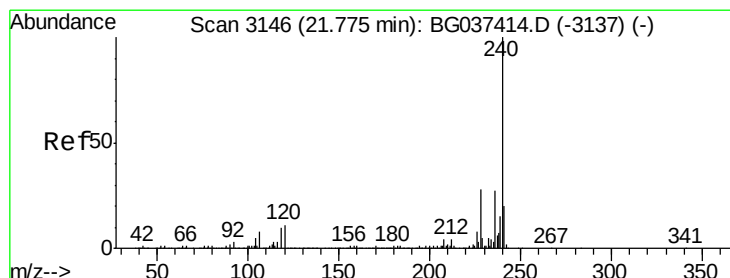
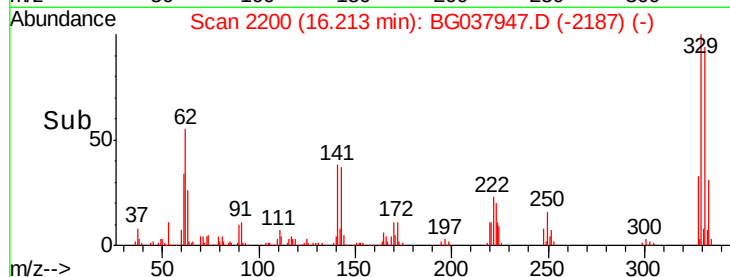
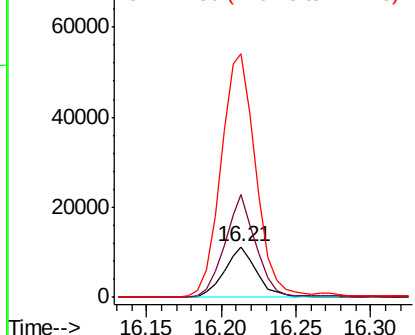
#67
 4-Bromophenyl-phenylether
 Concen: 4.751 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.46 min
 Lab File: BG037947.D
 Acq: 12 Nov 2018 16:47

Instrument :
 BNA_G
 ClientSampleId :
 SB-2

Tgt Ion:248 Resp: 17031
 Ion Ratio Lower Upper
 248 100
 250 199.7 77.0 115.6#
 141 370.6 55.5 83.3#

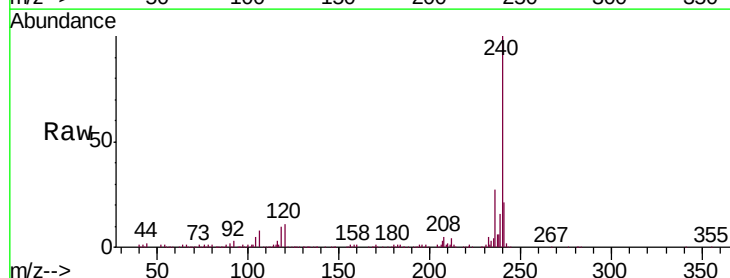


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

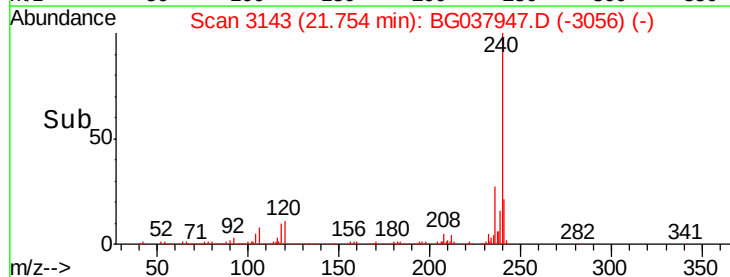
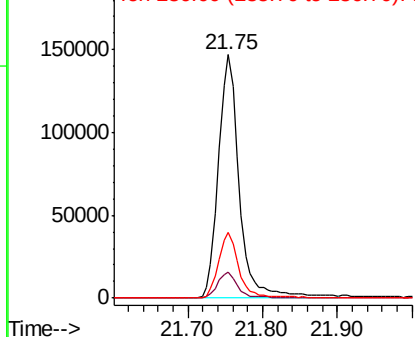


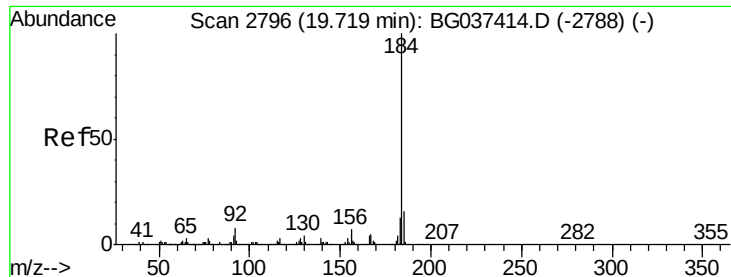
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3143
 Delta R.T. -0.02 min
 Lab File: BG037947.D
 Acq: 12 Nov 2018 16:47

Tgt Ion:240 Resp: 288084
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.1 12.1
 236 27.1 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

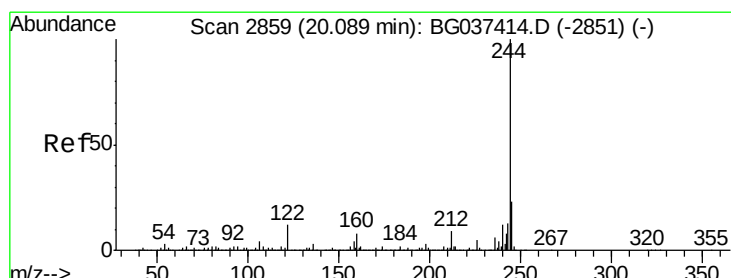
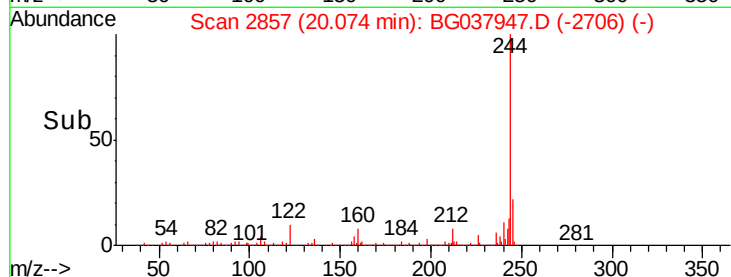
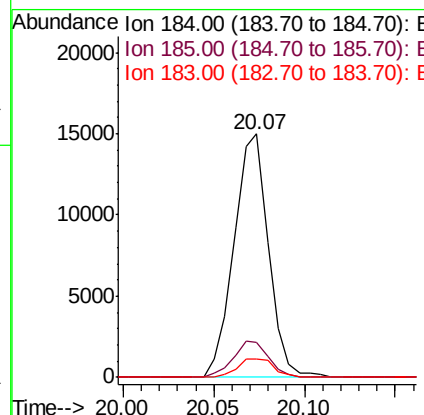
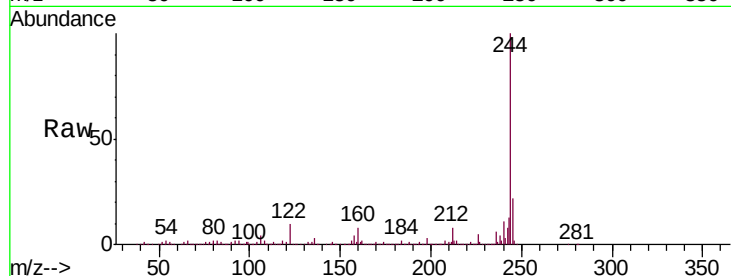




#77
Benzidine
Concen: 2.024 ng
RT: 20.07 min Scan# 2857
Delta R.T. 0.35 min
Lab File: BG037947.D
Acq: 12 Nov 2018 16:47

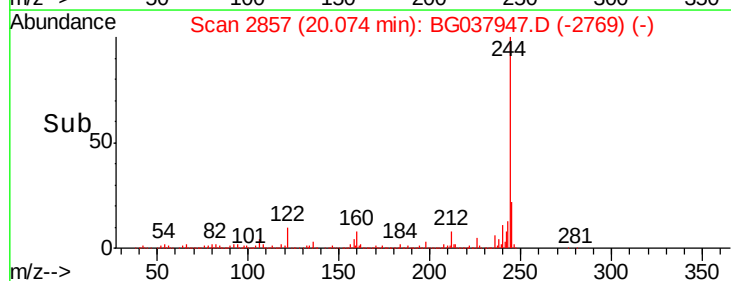
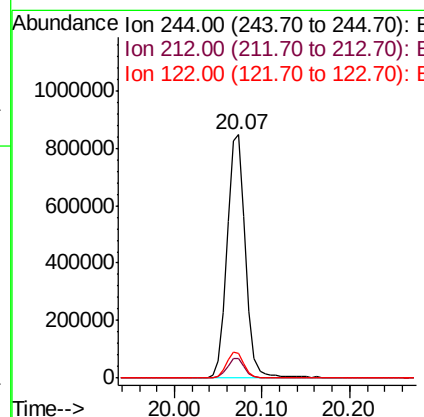
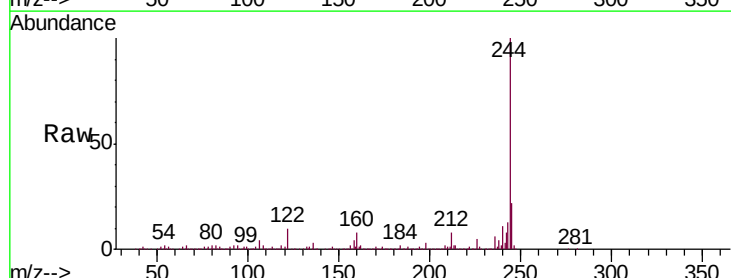
Instrument :
BNA_G
ClientSampleId :
SB-2

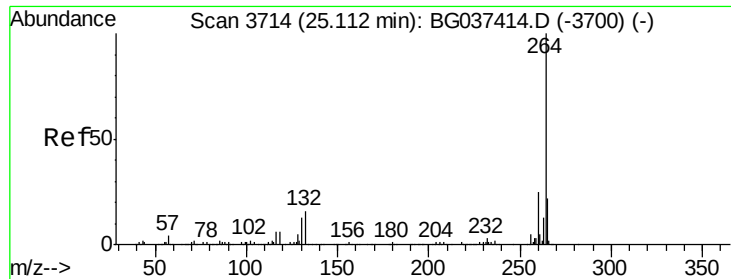
Tgt Ion:184 Resp: 19829
Ion Ratio Lower Upper
184 100
185 14.6 12.6 18.8
183 7.7 10.2 15.2#



#79
Terphenyl-d14
Concen: 91.112 ng
RT: 20.07 min Scan# 2857
Delta R.T. -0.02 min
Lab File: BG037947.D
Acq: 12 Nov 2018 16:47

Tgt Ion:244 Resp: 1228393
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 10.2 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. -0.03 min
Lab File: BG037947.D
Acq: 12 Nov 2018 16:47

Instrument :
BNA_G
ClientSampleId :
SB-2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.2	27.4
265	22.4	17.9	26.9

