

Data File : BG037948.D
Acq On : 12 Nov 2018 17:26
Operator : JU/SJ
Sample : J5895-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-3

Quant Time: Nov 13 04:24:24 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

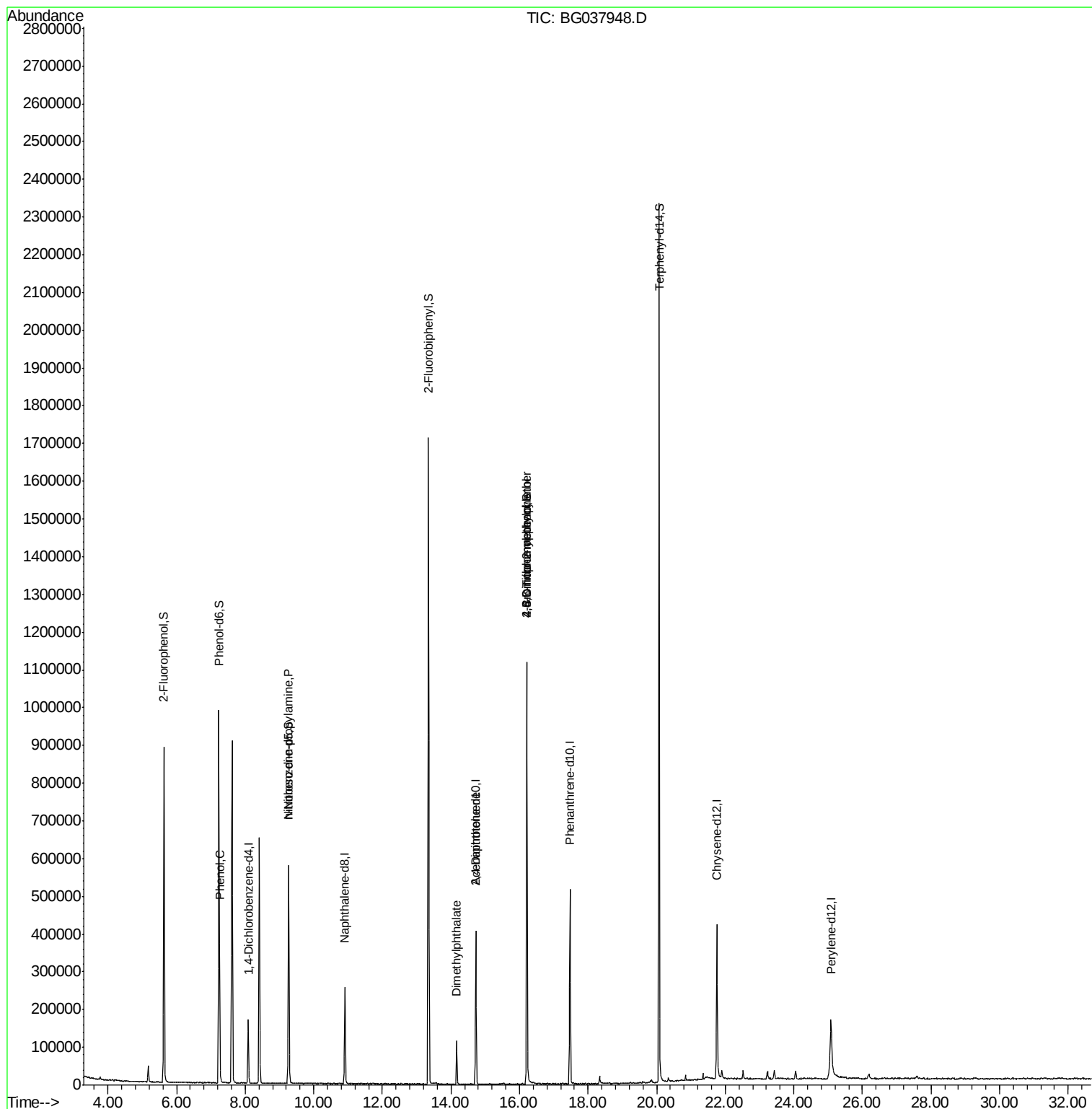
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	51321	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	232380	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	153390	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	326314	20.00	ng	-0.02
76) Chrysene-d12	21.75	240	277297	20.00	ng	-0.02
87) Perylene-d12	25.08	264	225250	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	412602	134.41	ng	-0.02
7) Phenol-d6	7.24	99	625350	134.72	ng	-0.02
23) Nitrobenzene-d5	9.27	82	379671	91.53	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	212534	127.04	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	923729	90.81	ng	-0.02
79) Terphenyl-d14	20.07	244	1195639	92.13	ng	-0.02
Target Compounds						
10) Phenol	7.26	94	29221	5.966	ng	87
19) n-Nitroso-di-n-propylamine	9.27	70	45832	14.339	ng	# 72
50) Dimethylphthalate	14.17	163	81161	6.839	ng	99
57) 2,4-Dinitrotoluene	14.72	165	20211	5.865	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.21	198	725	8.856	ng	# 65
67) 4-Bromophenyl-phenylether	16.21	248	15569	4.345	ng	# 1

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

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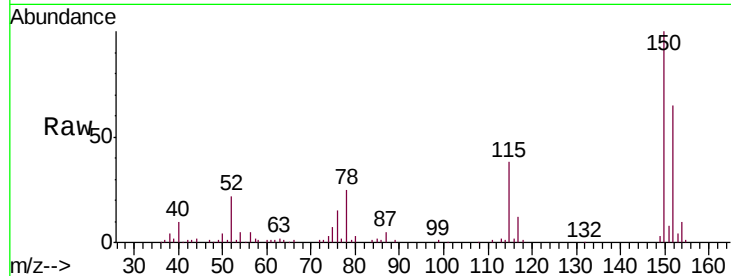


#1

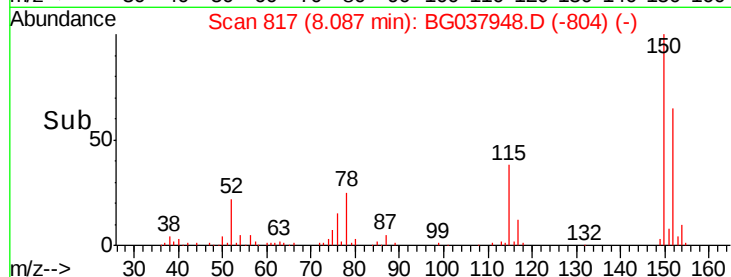
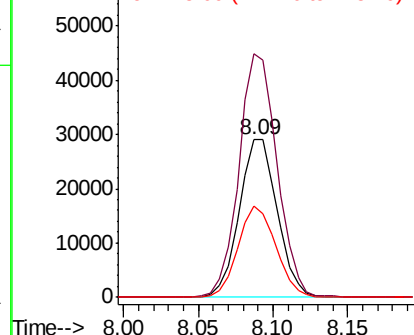
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037948.D
Acq: 12 Nov 2018 17:26

Instrument :
BNA_G
ClientSampleId :
SB-3

Tgt Ion:152 Resp: 51321
Ion Ratio Lower Upper
152 100
150 154.3 126.0 189.0
115 57.9 45.5 68.3



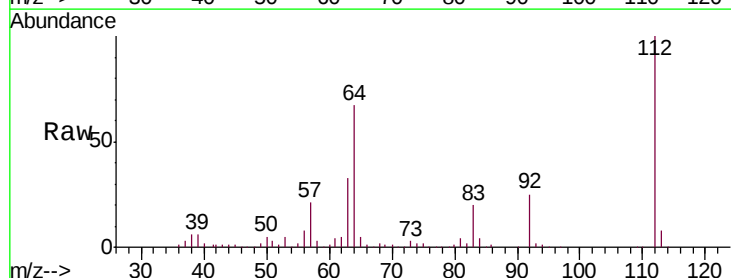
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



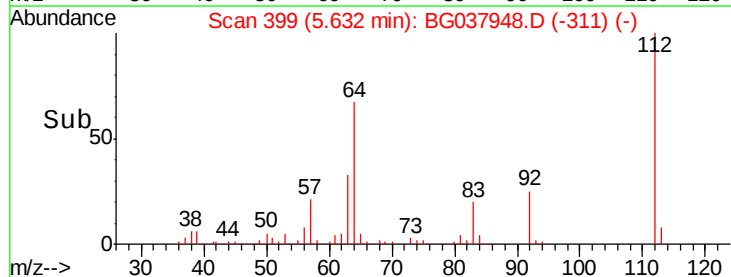
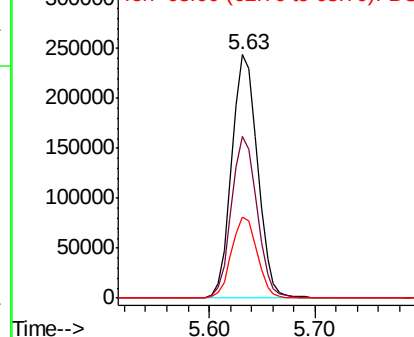
#5

2-Fluorophenol
Concen: 134.411 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.02 min
Lab File: BG037948.D
Acq: 12 Nov 2018 17:26

Tgt Ion:112 Resp: 412602
Ion Ratio Lower Upper
112 100
64 66.5 53.1 79.7
63 33.3 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: 134.722 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG037948.D

Acq: 12 Nov 2018 17:26

Instrument :

BNA_G

ClientSampleId :

SB-3

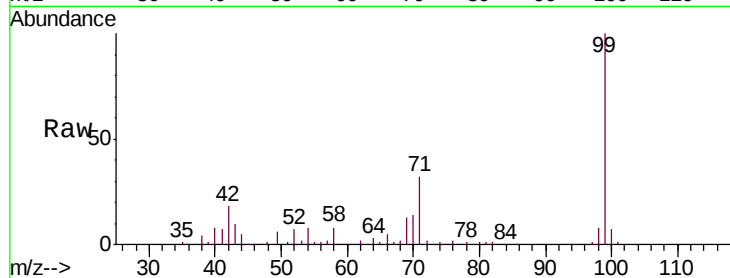
Tgt Ion: 99 Resp: 625350

Ion Ratio Lower Upper

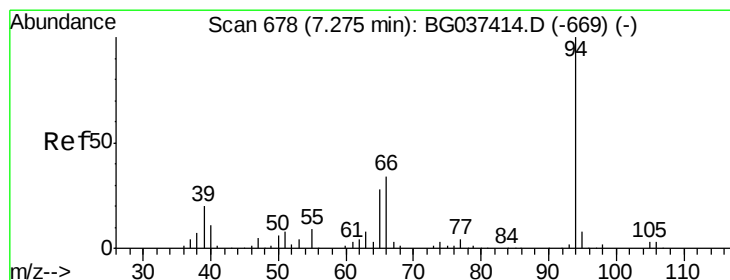
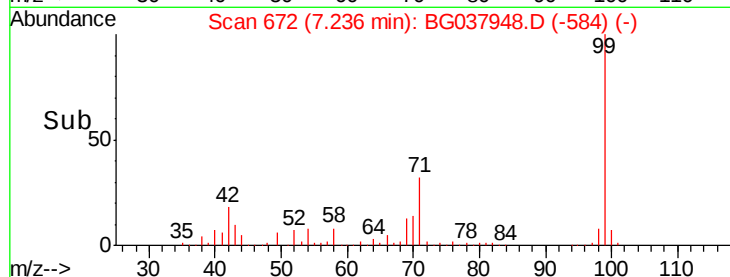
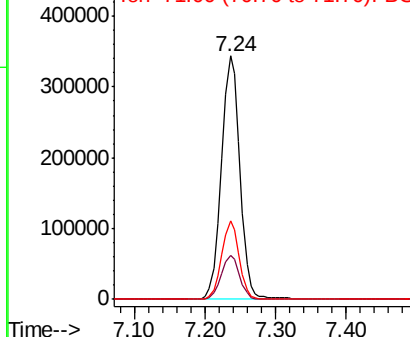
99 100

42 18.0 15.0 22.4

71 32.4 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: 5.966 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.02 min

Lab File: BG037948.D

Acq: 12 Nov 2018 17:26

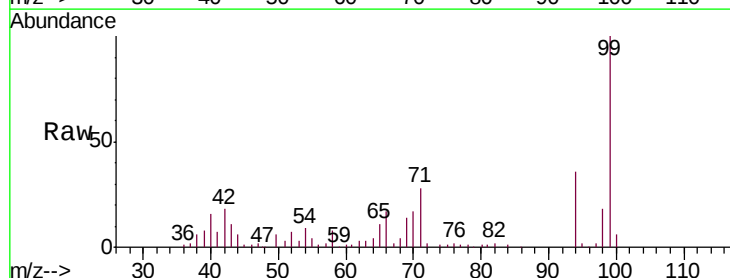
Tgt Ion: 94 Resp: 29221

Ion Ratio Lower Upper

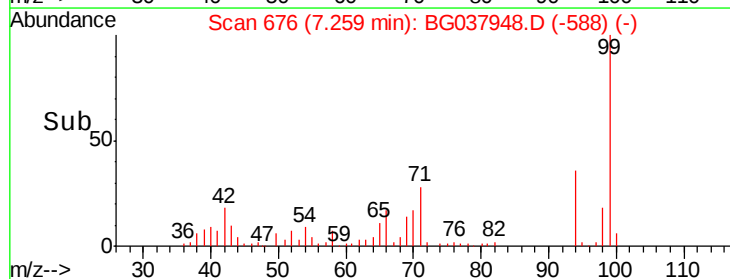
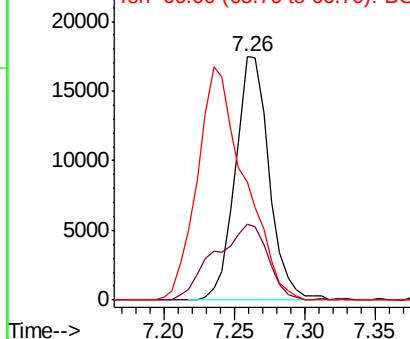
94 100

65 31.4 9.7 49.7

66 48.8 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: 14.339 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.35 min

Lab File: BG037948.D

Acq: 12 Nov 2018 17:26

Instrument :

BNA_G

ClientSampleId :

SB-3

Tgt Ion: 70 Resp: 45832

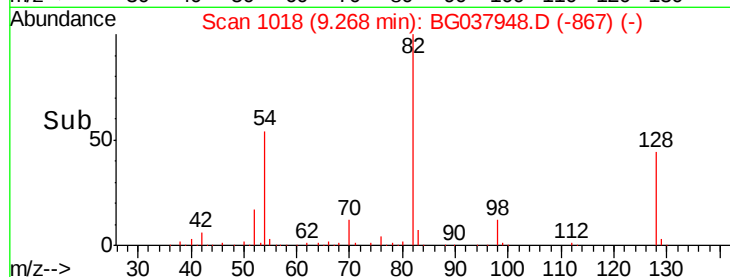
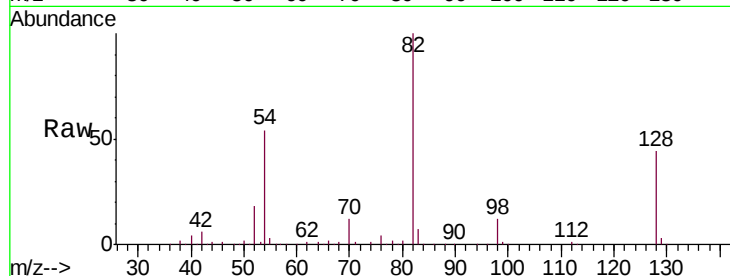
Ion Ratio Lower Upper

70 100

42 48.3 53.9 80.9#

101 0.0 8.2 12.2#

130 2.9 18.2 27.4#

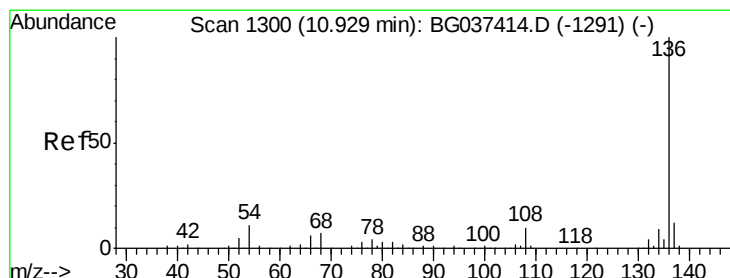
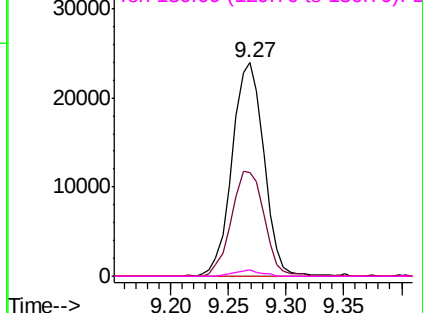


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 10.91 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BG037948.D

Acq: 12 Nov 2018 17:26

Tgt Ion: 136 Resp: 232380

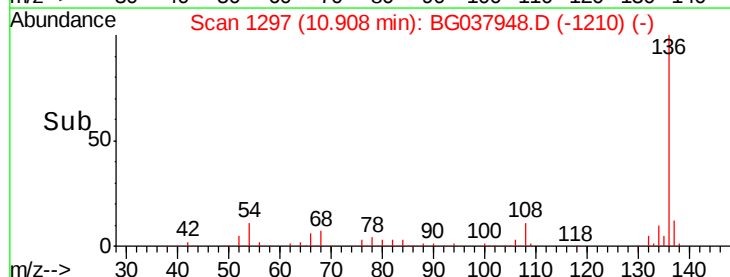
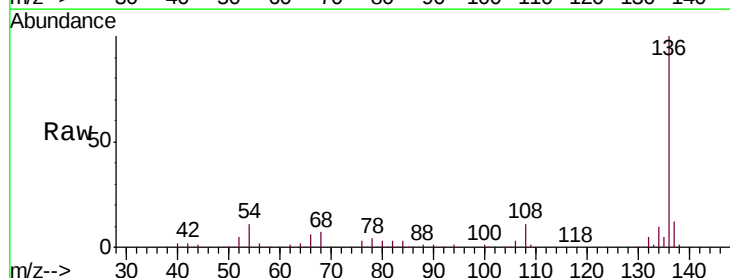
Ion Ratio Lower Upper

136 100

137 11.7 9.6 14.4

54 10.6 7.9 11.9

68 6.6 4.8 7.2

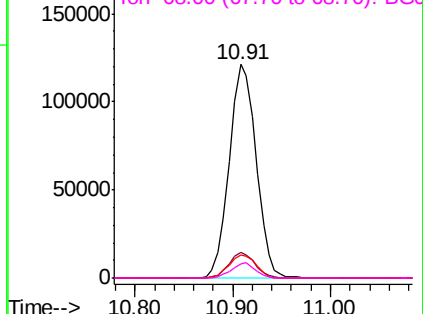


Abundance Ion 136.00 (135.70 to 136.70): BGC

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

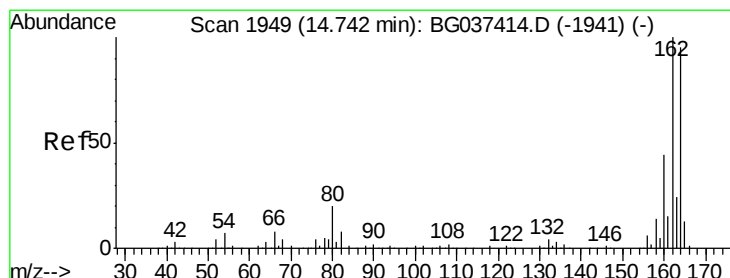
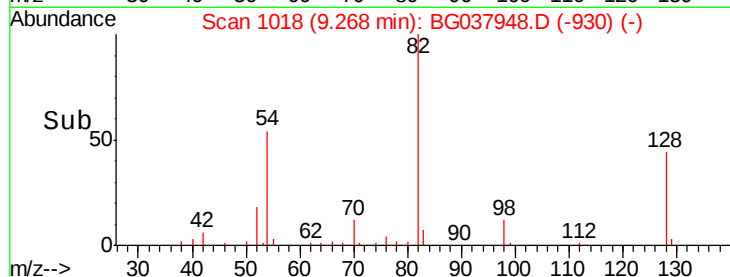
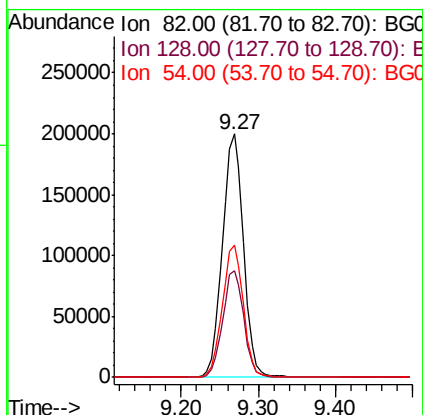
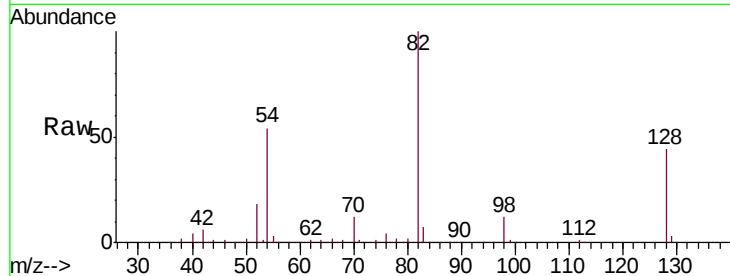




#23
Nitrobenzene-d5
Concen: 91.526 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BG037948.D
Acq: 12 Nov 2018 17:26

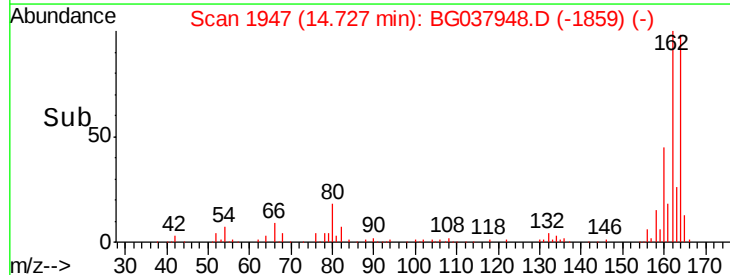
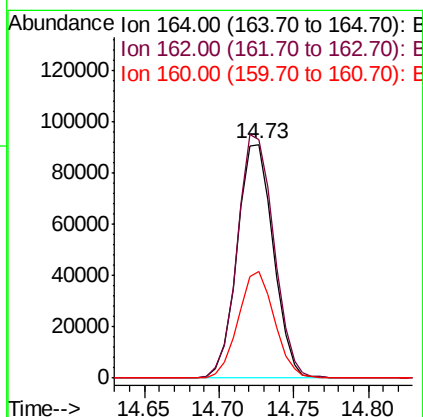
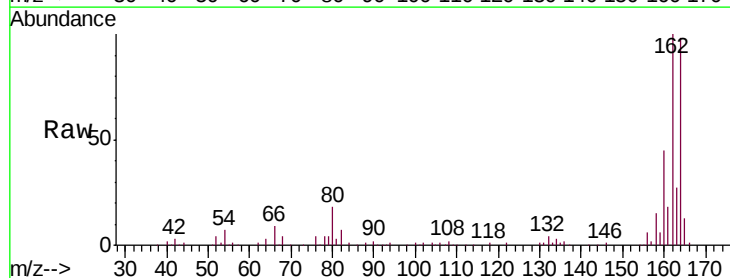
Instrument :
BNA_G
ClientSampleId :
SB-3

Tgt Ion: 82 Resp: 379671
Ion Ratio Lower Upper
82 100
128 44.0 34.6 51.8
54 54.1 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: BG037948.D
Acq: 12 Nov 2018 17:26

Tgt Ion: 164 Resp: 153390
Ion Ratio Lower Upper
164 100
162 102.1 81.3 121.9
160 45.6 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 127.037 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BG037948.D

Acq: 12 Nov 2018 17:26

Instrument :

BNA_G

ClientSampleId :

SB-3

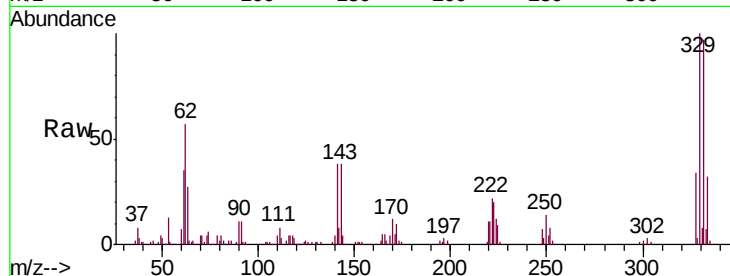
Tgt Ion:330 Resp: 212534

Ion Ratio Lower Upper

330 100

332 95.7 78.4 117.6

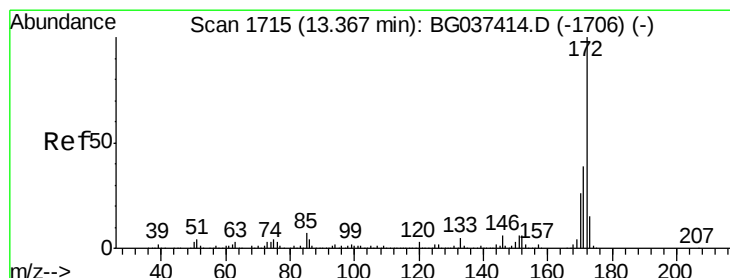
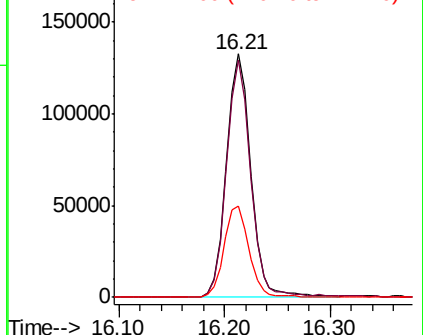
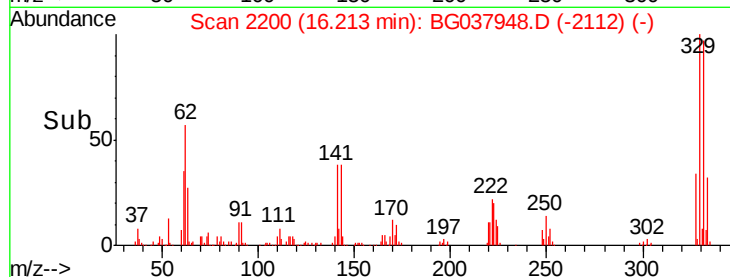
141 38.5 32.2 48.2



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: 90.810 ng

RT: 13.35 min Scan# 1712

Delta R.T. -0.02 min

Lab File: BG037948.D

Acq: 12 Nov 2018 17:26

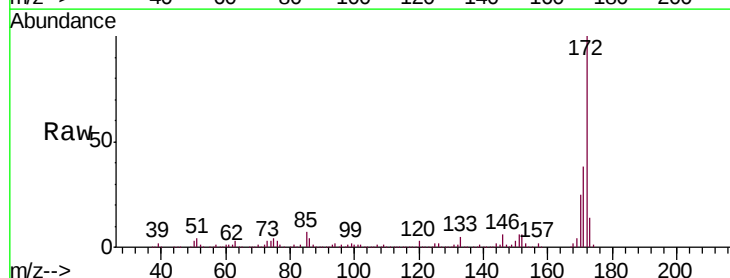
Tgt Ion:172 Resp: 923729

Ion Ratio Lower Upper

172 100

171 38.0 31.0 46.4

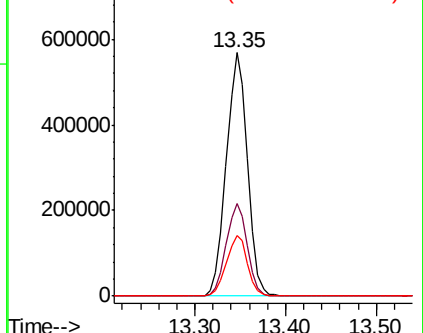
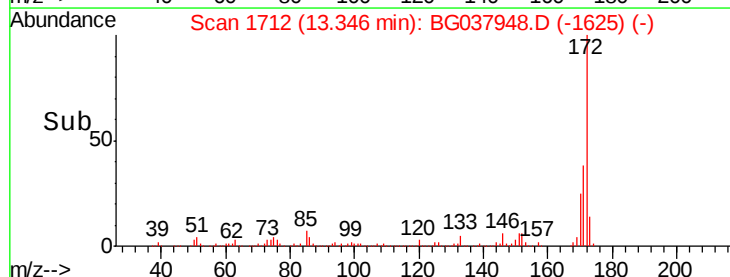
170 25.1 20.2 30.2

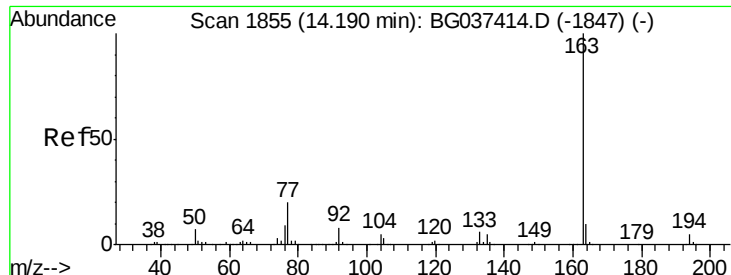


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.839 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BG037948.D

Acq: 12 Nov 2018 17:26

Instrument :

BNA_G

ClientSampleId :

SB-3

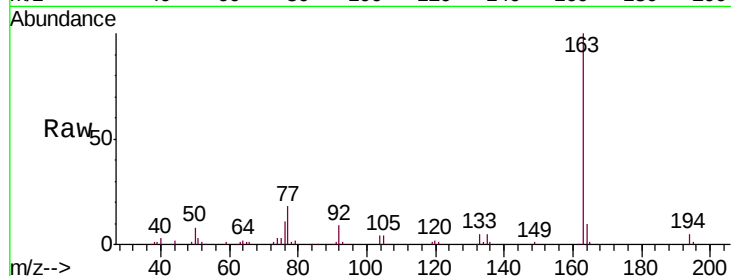
Tgt Ion:163 Resp: 81161

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

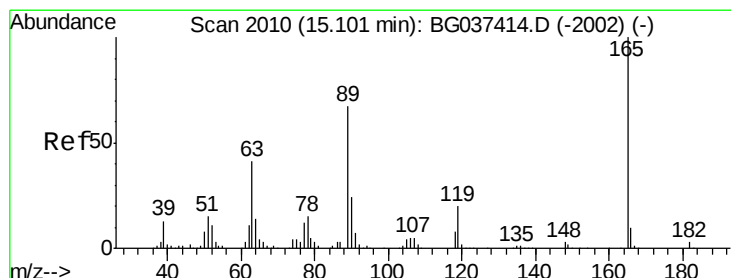
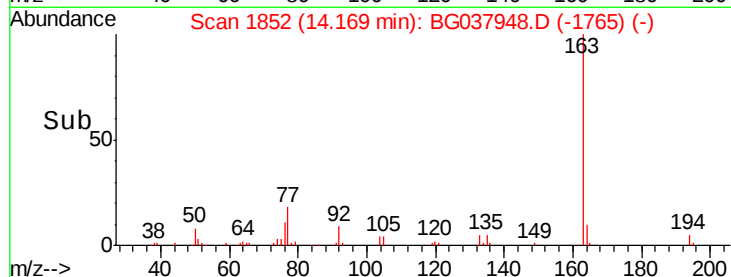
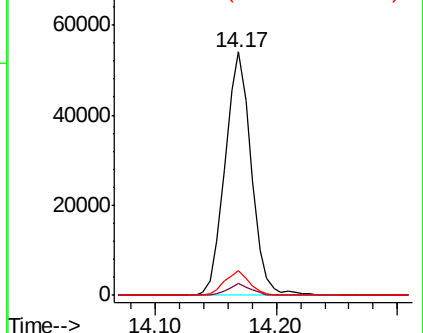
164 10.2 8.5 12.7



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: 5.865 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.38 min

Lab File: BG037948.D

Acq: 12 Nov 2018 17:26

Tgt Ion:165 Resp: 20211

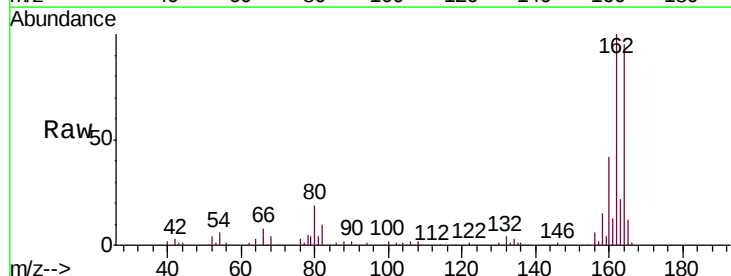
Ion Ratio Lower Upper

165 100

63 0.0 33.4 50.0#

89 1.3 57.2 85.8#

182 0.0 2.6 4.0#

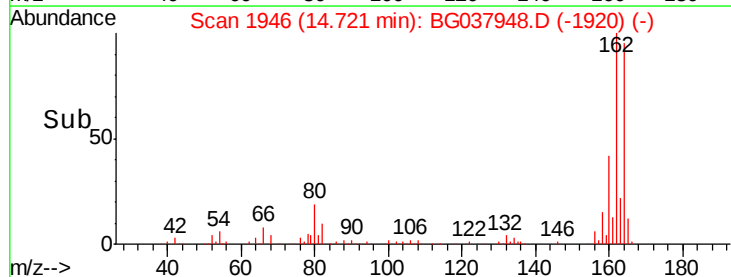
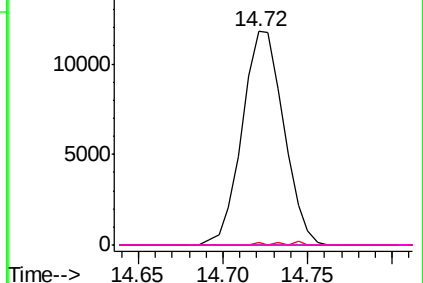


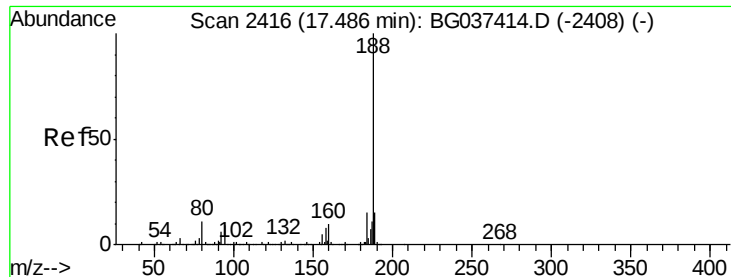
Abundance Ion 165.00 (164.70 to 165.70): E

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: BG037948.D

Acq: 12 Nov 2018 17:26

Instrument :

BNA_G

ClientSampled :

SB-3

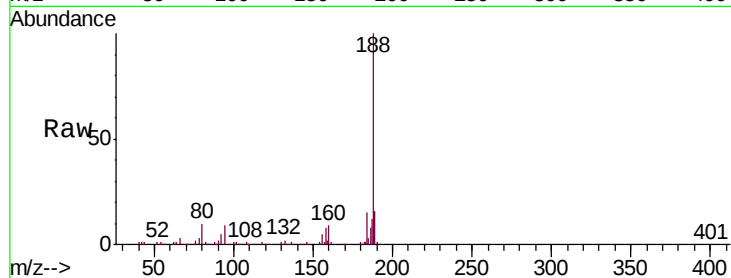
Tgt Ion:188 Resp: 326314

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

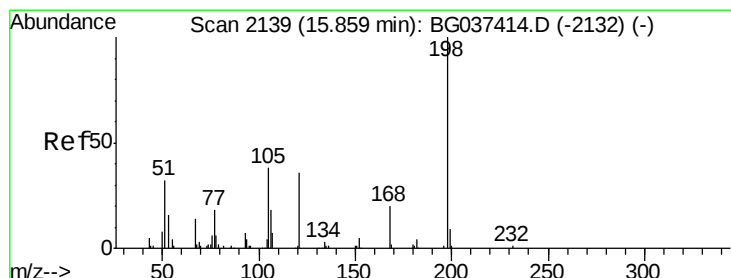
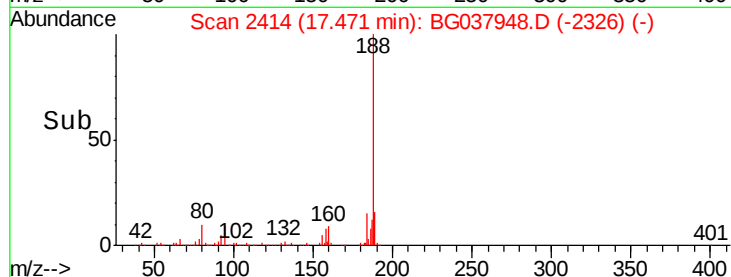
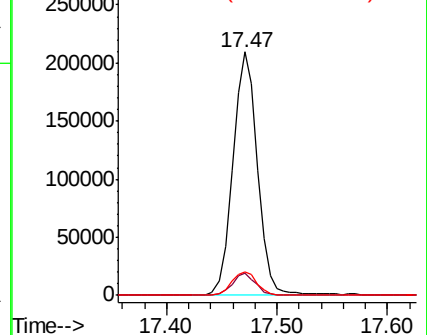
80 9.7 7.7 11.5



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: 8.856 ng

RT: 16.21 min Scan# 2200

Delta R.T. 0.36 min

Lab File: BG037948.D

Acq: 12 Nov 2018 17:26

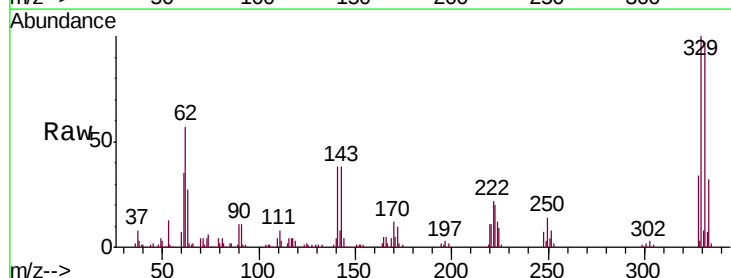
Tgt Ion:198 Resp: 725

Ion Ratio Lower Upper

198 100

51 17.9 22.7 62.7#

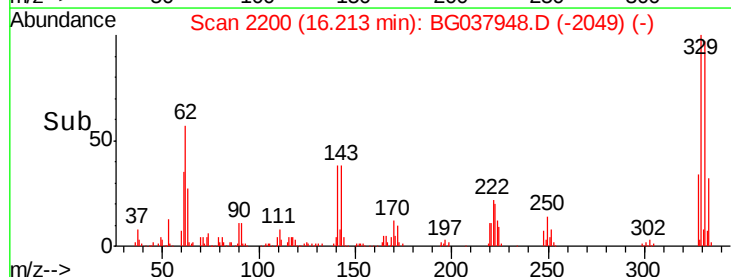
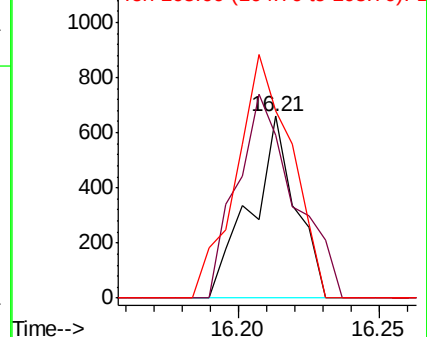
105 20.7 19.7 59.7



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

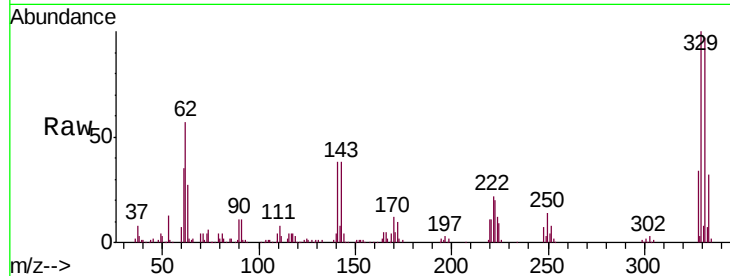




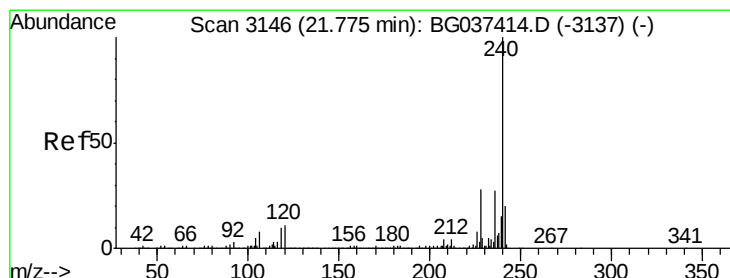
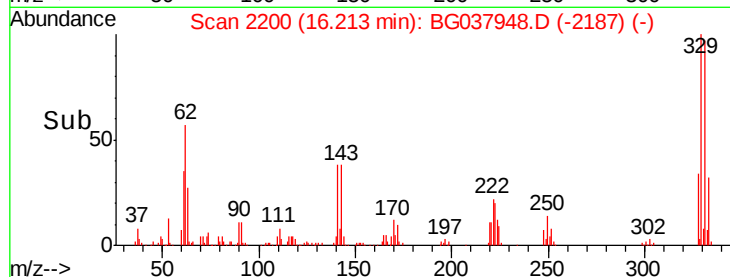
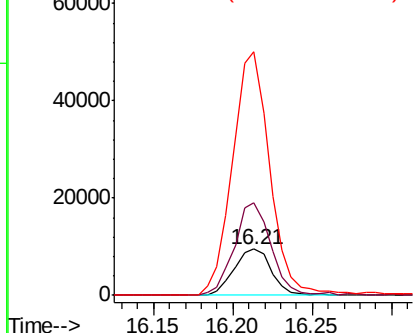
#67
 4-Bromophenyl-phenylether
 Concen: 4.345 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.46 min
 Lab File: BG037948.D
 Acq: 12 Nov 2018 17:26

Instrument :
 BNA_G
 ClientSampleId :
 SB-3

Tgt Ion:248 Resp: 15569
 Ion Ratio Lower Upper
 248 100
 250 188.6 77.0 115.6#
 141 386.1 55.5 83.3#

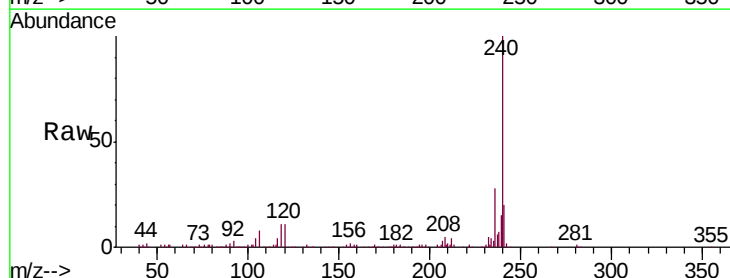


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

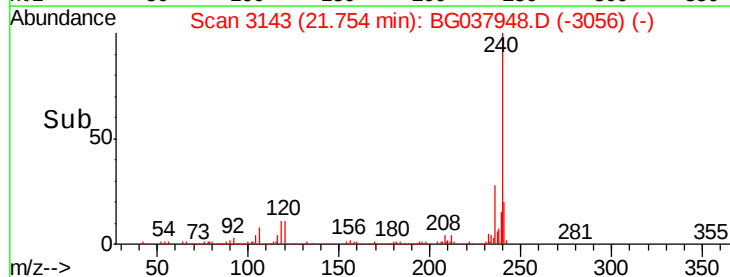
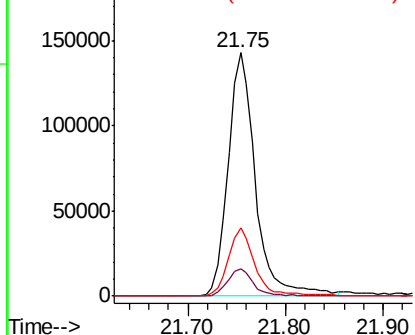


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3143
 Delta R.T. -0.02 min
 Lab File: BG037948.D
 Acq: 12 Nov 2018 17:26

Tgt Ion:240 Resp: 277297
 Ion Ratio Lower Upper
 240 100
 120 11.1 8.1 12.1
 236 28.2 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: 92.132 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG037948.D

Acq: 12 Nov 2018 17:26

Instrument :

BNA_G

ClientSampleId :

SB-3

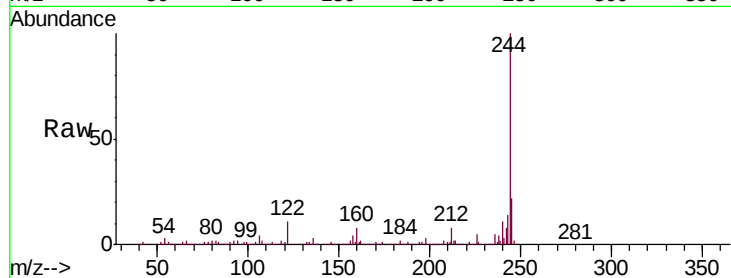
Tgt Ion:244 Resp: 1195639

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

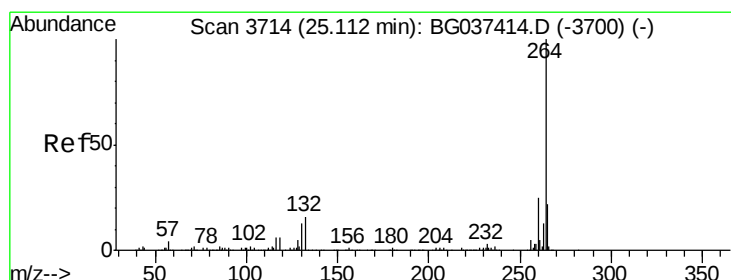
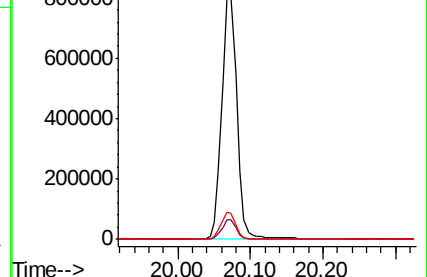
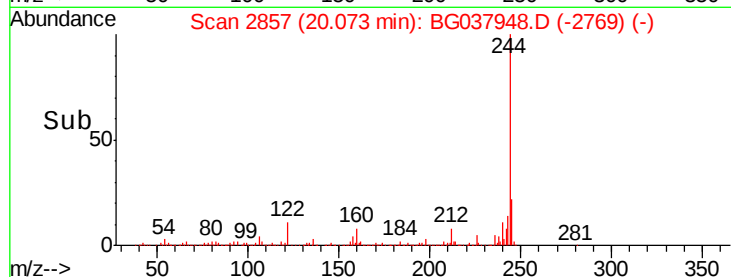
122 10.7 9.0 13.4



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: BG037948.D

Acq: 12 Nov 2018 17:26

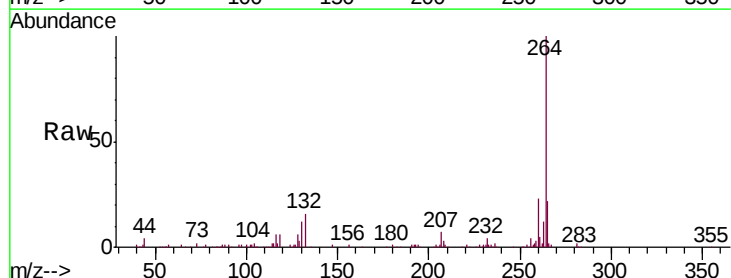
Tgt Ion:264 Resp: 225250

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.4

265 21.7 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

