

Data File : BG037822.D
Acq On : 6 Nov 2018 3:32
Operator : JU/SJ
Sample : J5812-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP2-B

Quant Time: Nov 06 04:22:22 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

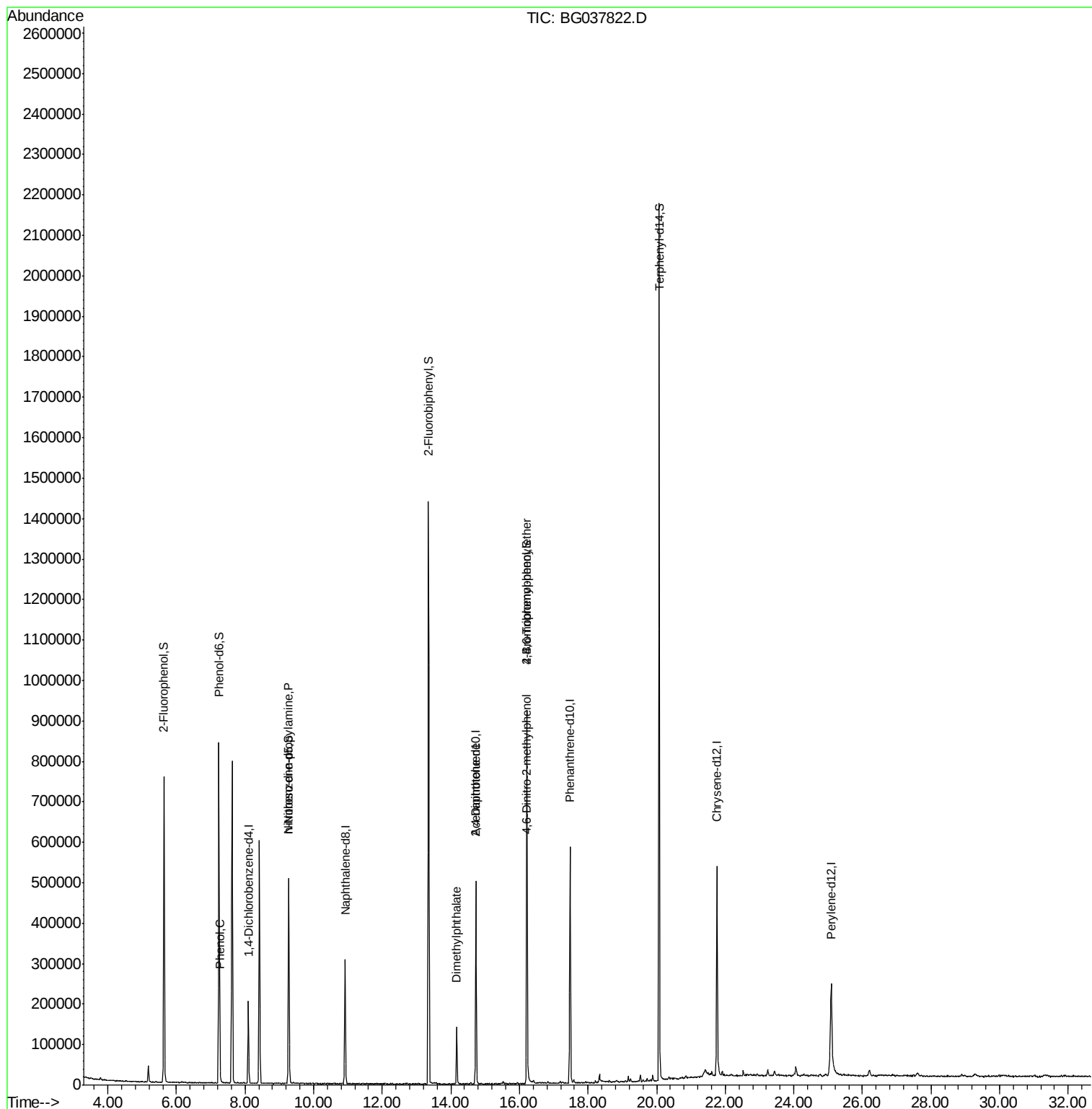
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	60145	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	278162	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	181917	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	394504	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	354933	20.00	ng	-0.02
87) Perylene-d12	25.09	264	330678	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	369187	102.62	ng	0.00
7) Phenol-d6	7.24	99	548290	100.79	ng	-0.01
23) Nitrobenzene-d5	9.27	82	332587	66.98	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	181877	91.66	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	802586	66.53	ng	-0.02
79) Terphenyl-d14	20.08	244	1095482	65.95	ng	-0.01
Target Compounds						
10) Phenol	7.27	94	23889	4.162	ng	97
19) n-Nitroso-di-n-propylamine	9.27	70	40533	10.820	ng	# 67
50) Dimethylphthalate	14.17	163	101046	7.180	ng	97
57) 2,4-Dinitrotoluene	14.73	165	23918	5.853	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.20	198	525	8.716	ng	91
67) 4-Bromophenyl-phenylether	16.22	248	13243	3.057	ng	# 1

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

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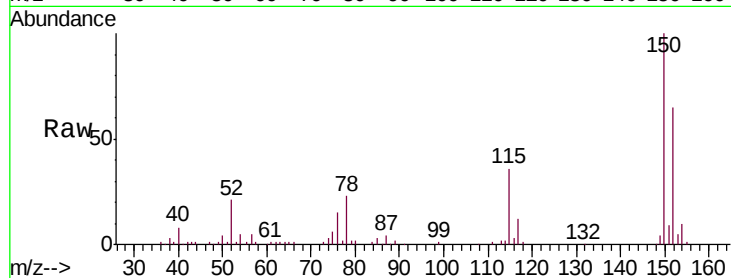


#1

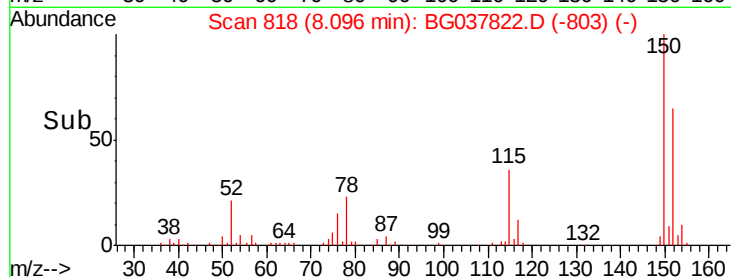
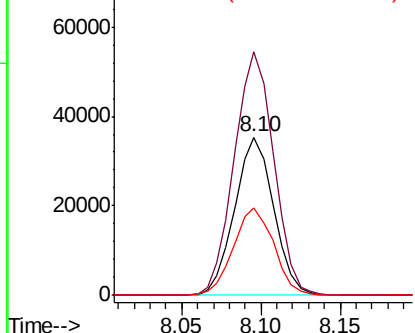
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037822.D
Acq: 6 Nov 2018 3:32

Instrument :
BNA_G
ClientSampleId :
TP2-B

Tgt Ion:152 Resp: 60145
Ion Ratio Lower Upper
152 100
150 153.9 126.0 189.0
115 55.1 45.5 68.3



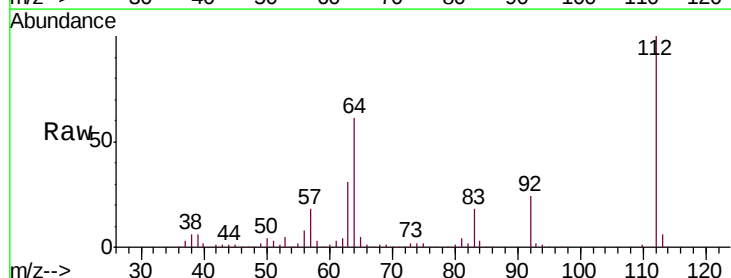
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



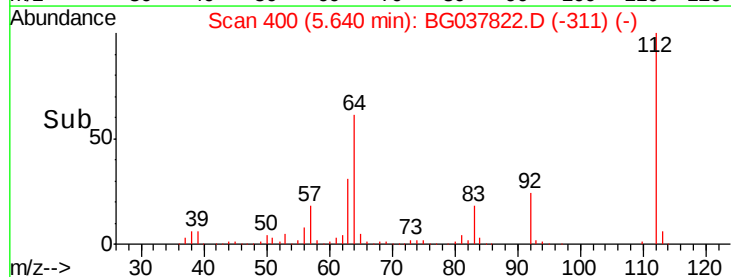
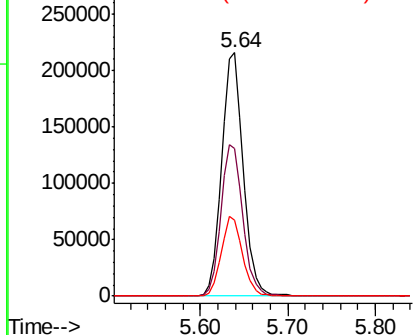
#5

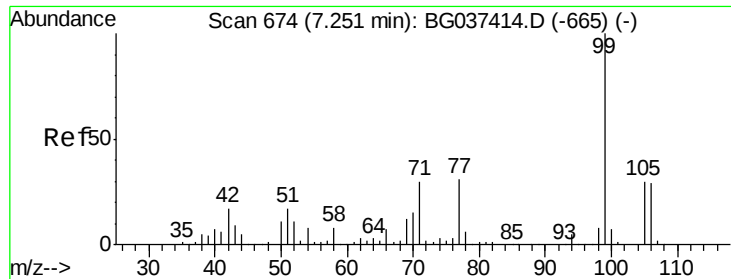
2-Fluorophenol
Concen: 102.623 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037822.D
Acq: 6 Nov 2018 3:32

Tgt Ion:112 Resp: 369187
Ion Ratio Lower Upper
112 100
64 60.5 53.1 79.7
63 31.0 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: 100.791 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037822.D

Acq: 6 Nov 2018 3:32

Instrument :

BNA_G

ClientSampleId :

TP2-B

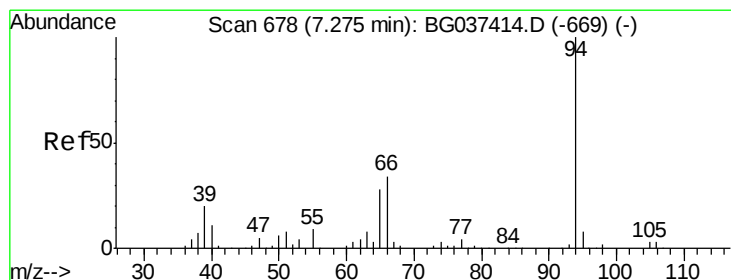
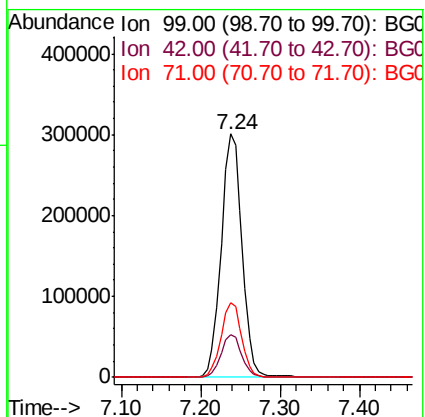
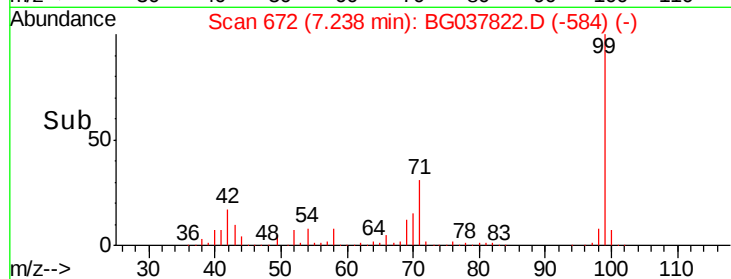
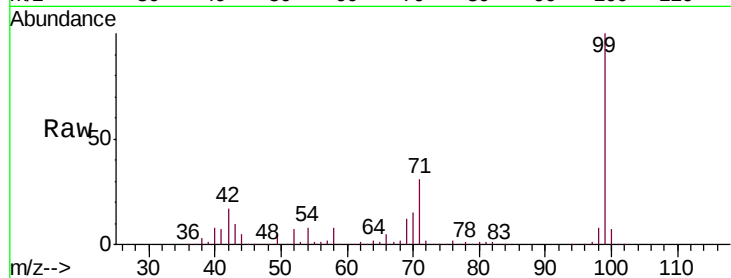
Tgt Ion: 99 Resp: 548290

Ion Ratio Lower Upper

99 100

42 17.3 15.0 22.4

71 30.7 25.5 38.3



#10

Phenol

Concen: 4.162 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037822.D

Acq: 6 Nov 2018 3:32

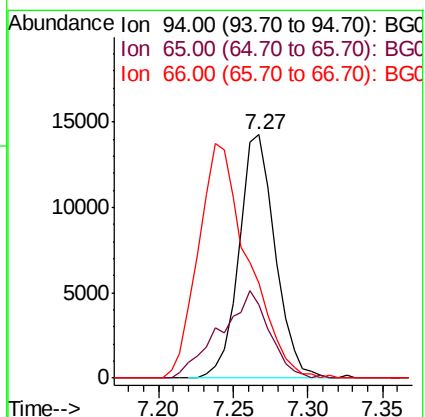
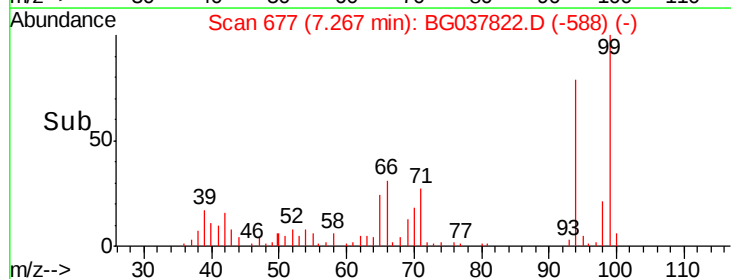
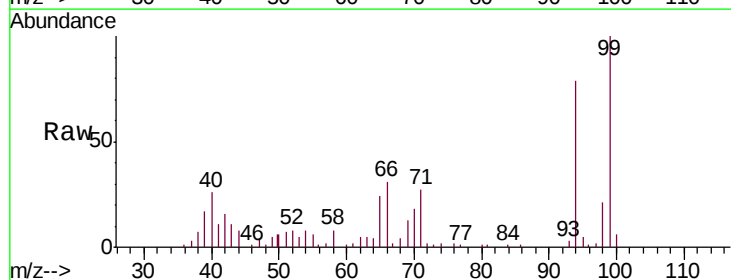
Tgt Ion: 94 Resp: 23889

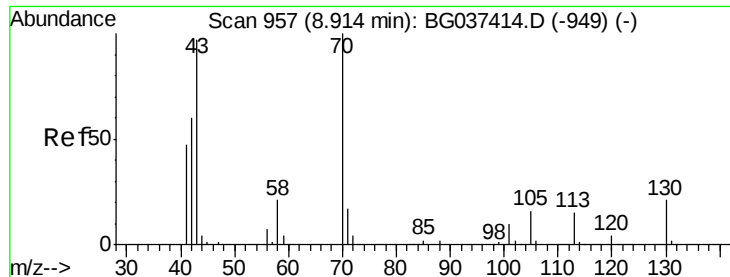
Ion Ratio Lower Upper

94 100

65 30.0 9.7 49.7

66 39.0 15.9 55.9

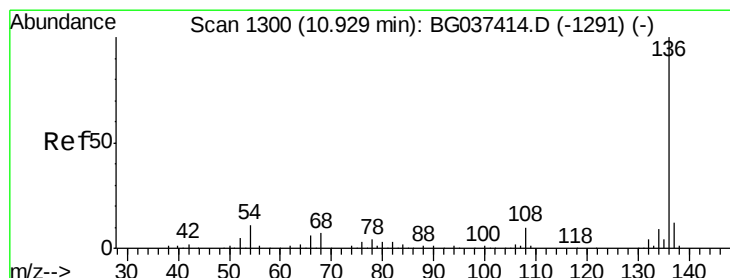
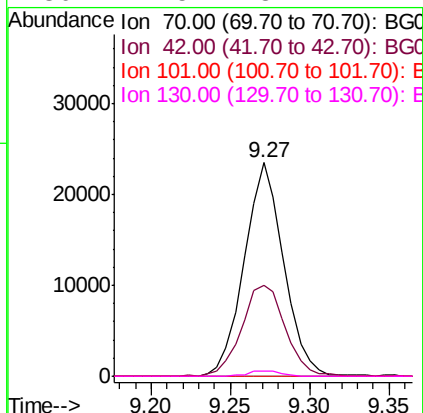
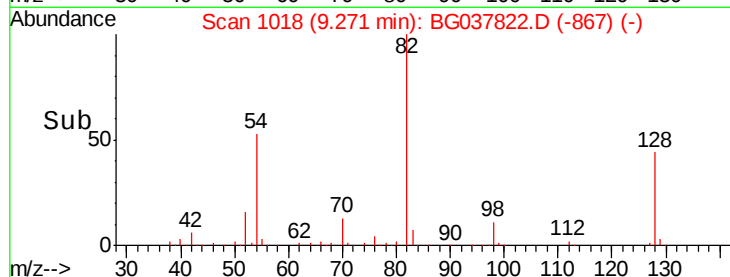
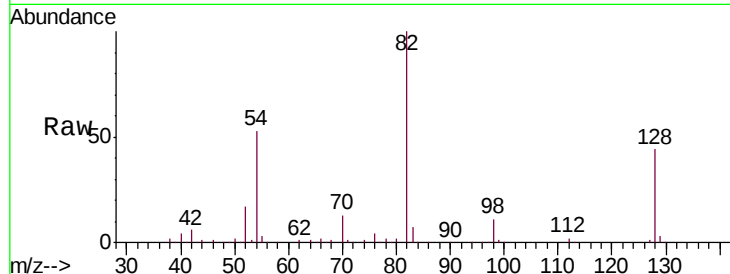




#19
n-Nitroso-di-n-propylamine
Concen: 10.820 ng
RT: 9.27 min Scan# 1018
Delta R.T. 0.36 min
Lab File: BG037822.D
Acq: 6 Nov 2018 3:32

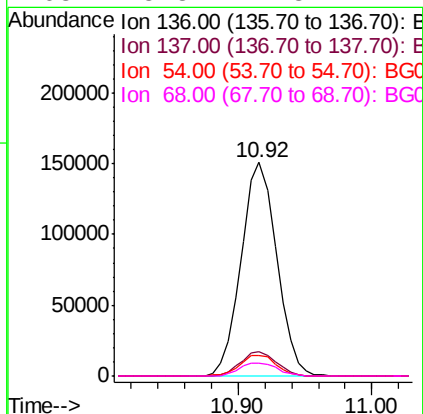
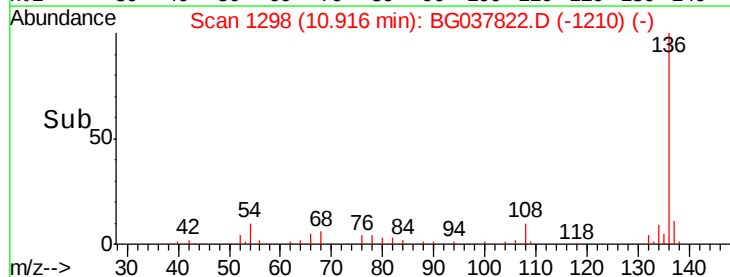
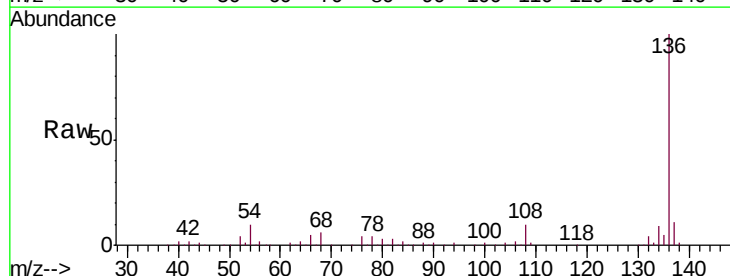
Instrument :
BNA_G
ClientSampleId :
TP2-B

Tgt Ion: 70 Resp: 40533
Ion Ratio Lower Upper
70 100
42 42.6 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: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037822.D
Acq: 6 Nov 2018 3:32

Tgt Ion: 136 Resp: 278162
Ion Ratio Lower Upper
136 100
137 11.2 9.6 14.4
54 9.8 7.9 11.9
68 5.8 4.8 7.2





#23

Nitrobenzene-d5

Concen: 66.980 ng

RT: 9.27 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BG037822.D

Acq: 6 Nov 2018 3:32

Instrument :

BNA_G

ClientSampled :

TP2-B

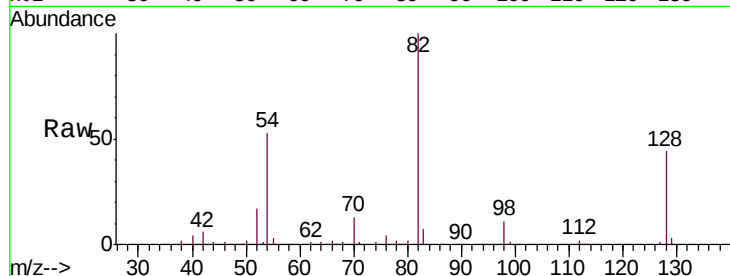
Tgt Ion: 82 Resp: 332587

Ion Ratio Lower Upper

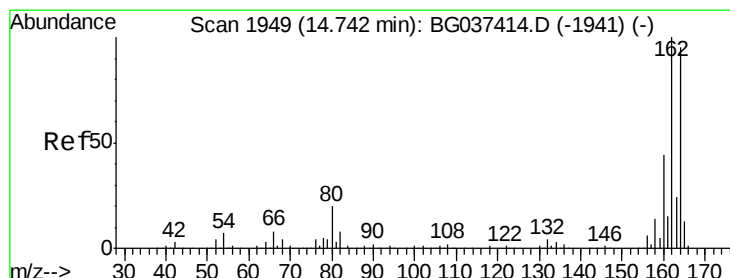
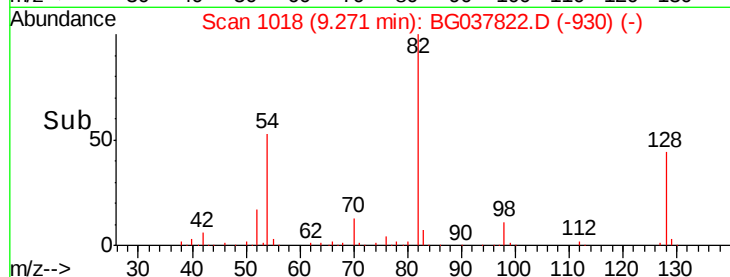
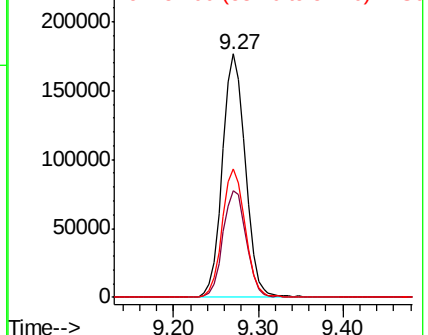
82 100

128 44.0 34.6 51.8

54 52.8 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: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037822.D

Acq: 6 Nov 2018 3:32

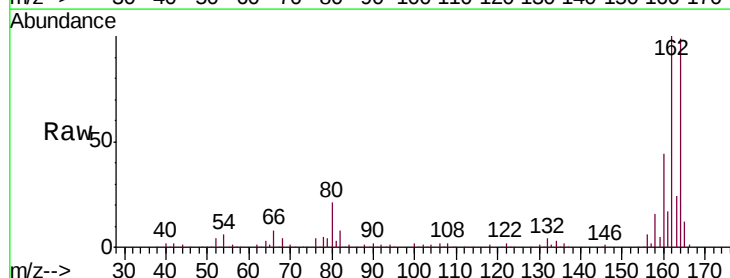
Tgt Ion: 164 Resp: 181917

Ion Ratio Lower Upper

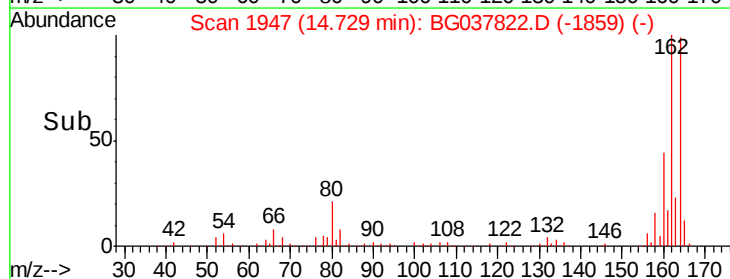
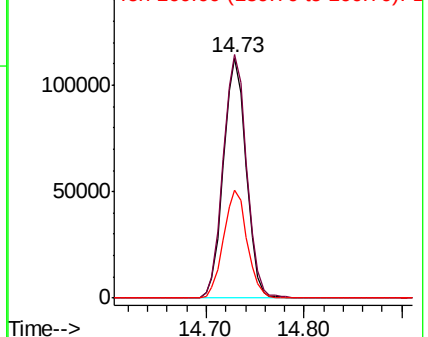
164 100

162 101.5 81.3 121.9

160 45.1 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

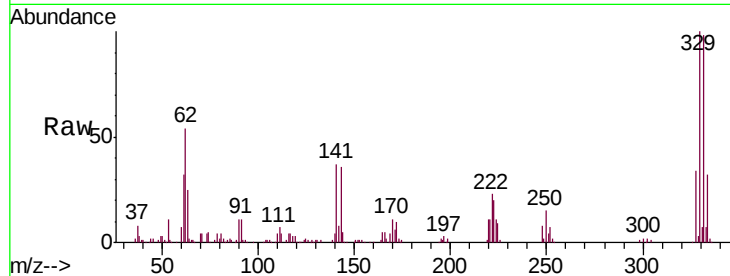




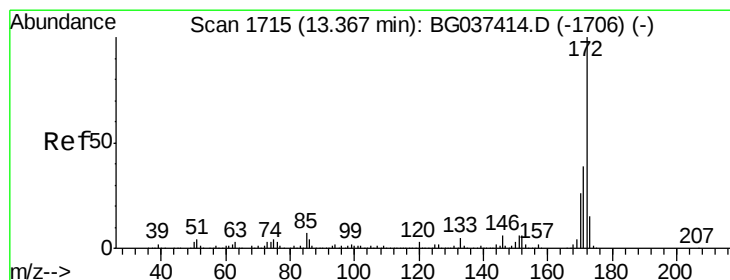
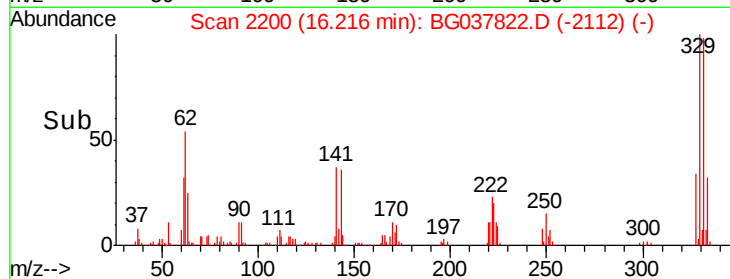
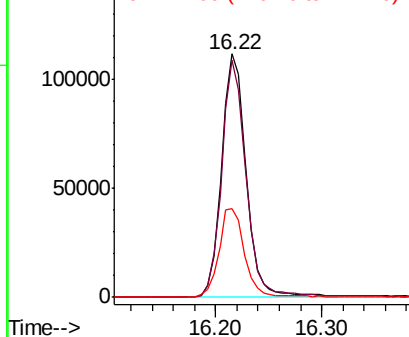
#42
 2,4,6-Tribromophenol
 Concen: 91.665 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG037822.D
 Acq: 6 Nov 2018 3:32

Instrument :
 BNA_G
 ClientSampleID :
 TP2-B

Tgt Ion:330 Resp: 181877
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.4 117.6
 141 38.5 32.2 48.2

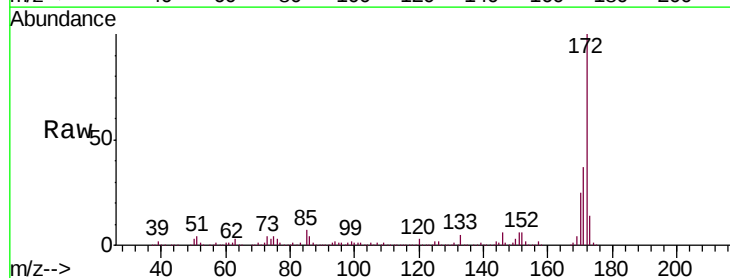


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

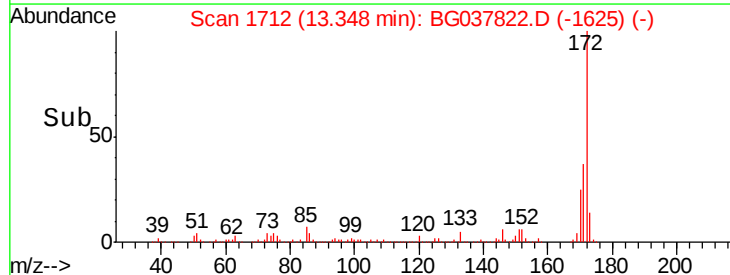
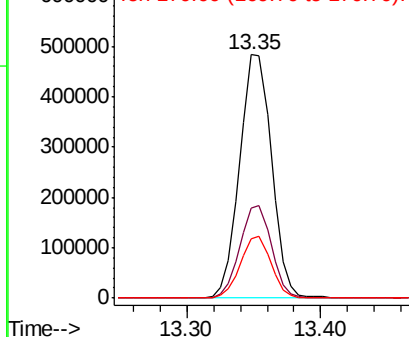


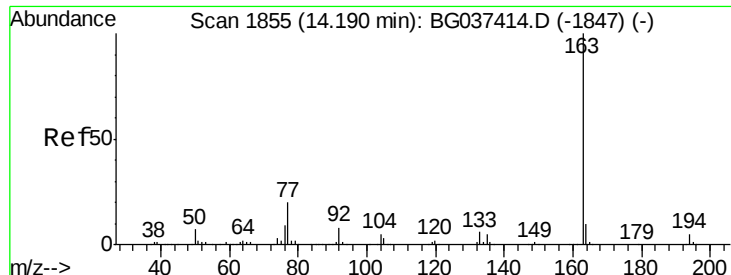
#45
 2-Fluorobiphenyl
 Concen: 66.528 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037822.D
 Acq: 6 Nov 2018 3:32

Tgt Ion:172 Resp: 802586
 Ion Ratio Lower Upper
 172 100
 171 36.9 31.0 46.4
 170 24.6 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: 7.180 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BG037822.D

Acq: 6 Nov 2018 3:32

Instrument :

BNA_G

ClientSampleId :

TP2-B

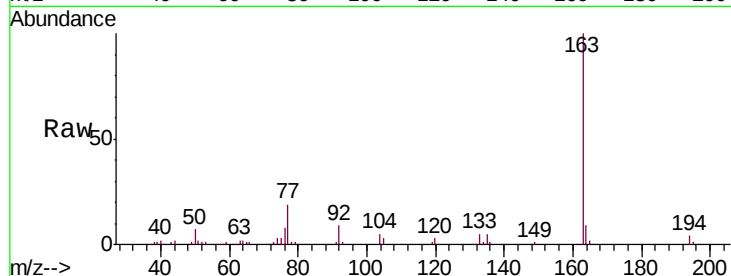
Tgt Ion:163 Resp: 101046

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

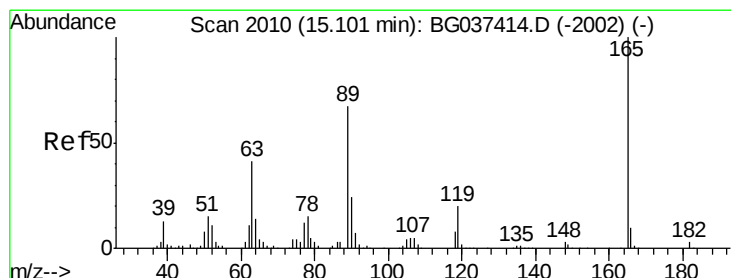
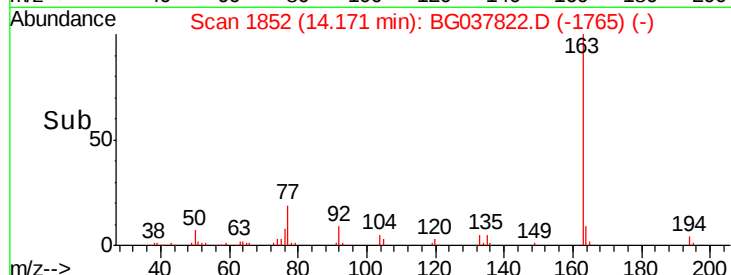
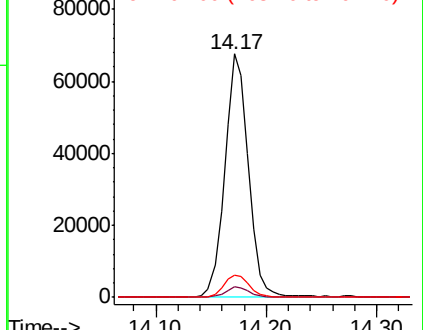
164 9.3 8.5 12.7



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: 5.853 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.37 min

Lab File: BG037822.D

Acq: 6 Nov 2018 3:32

Tgt Ion:165 Resp: 23918

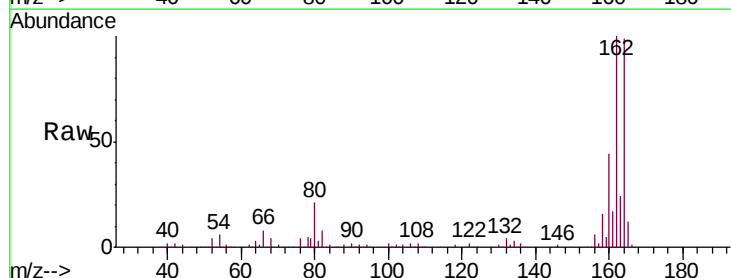
Ion Ratio Lower Upper

165 100

63 1.5 33.4 50.0#

89 1.4 57.2 85.8#

182 0.0 2.6 4.0#

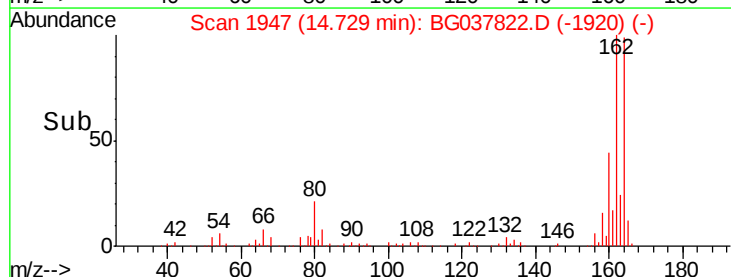
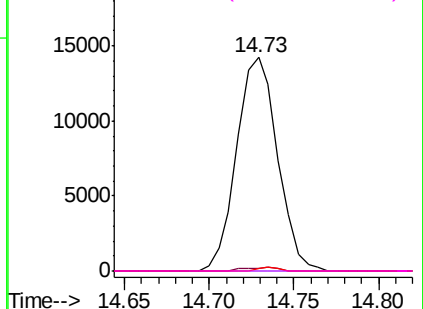


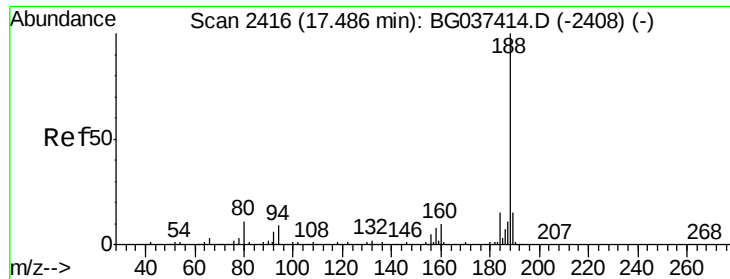
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.47 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BG037822.D

Acq: 6 Nov 2018 3:32

Instrument :

BNA_G

ClientSampleId :

TP2-B

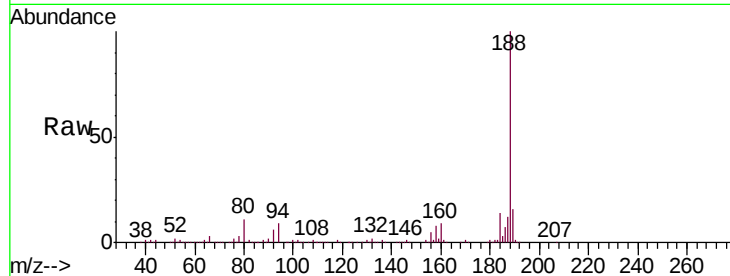
Tgt Ion:188 Resp: 394504

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

80 10.9 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

300000

250000

200000

150000

100000

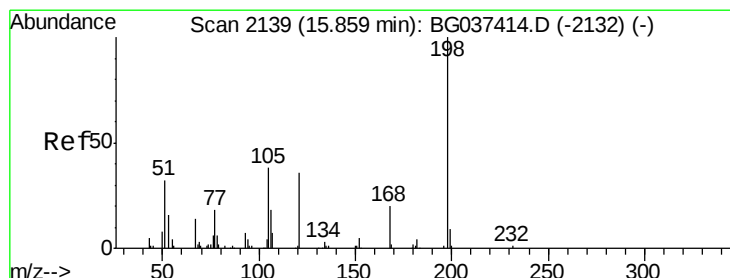
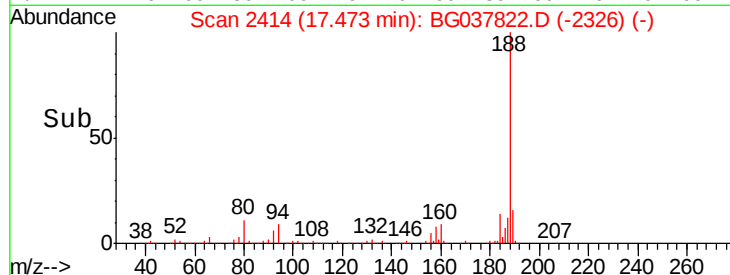
50000

0

17.40

17.50

Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 8.716 ng

RT: 16.20 min Scan# 2197

Delta R.T. 0.34 min

Lab File: BG037822.D

Acq: 6 Nov 2018 3:32

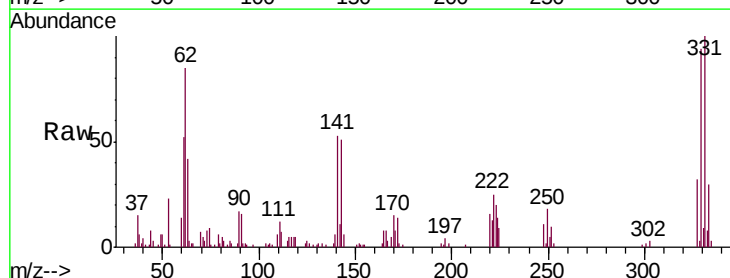
Tgt Ion:198 Resp: 525

Ion Ratio Lower Upper

198 100

51 34.1 22.7 62.7

105 42.1 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

800

600

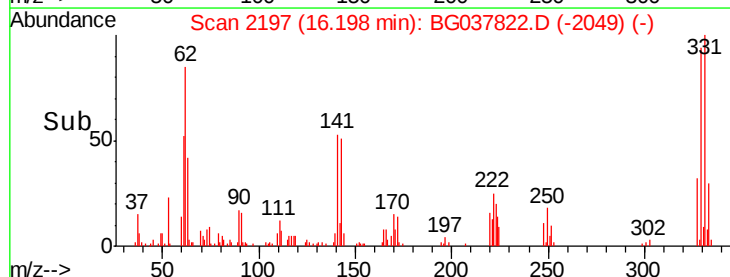
400

200

0

16.20

Time-->

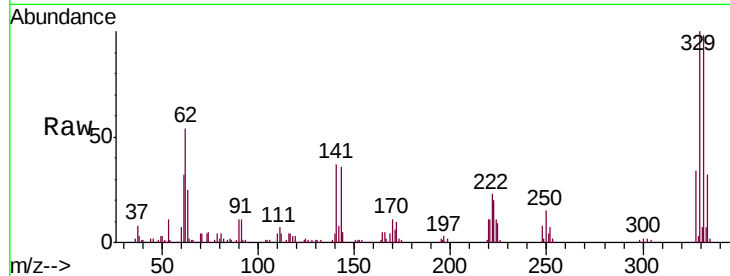




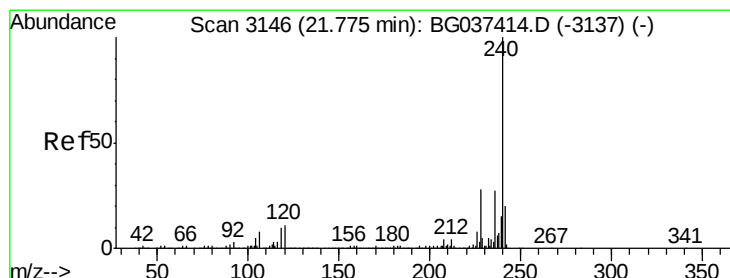
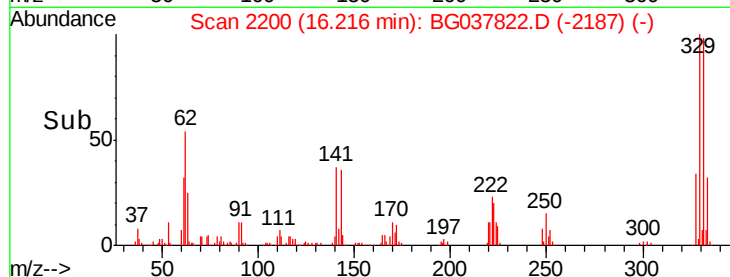
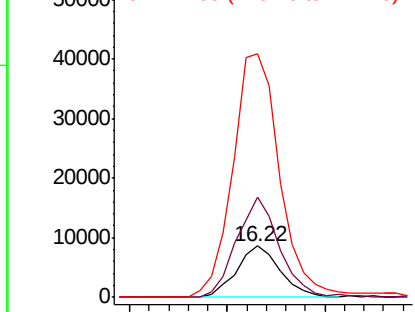
#67
4-Bromophenyl-phenylether
Concen: 3.057 ng
RT: 16.22 min Scan# 2200
Delta R.T. -0.45 min
Lab File: BG037822.D
Acq: 6 Nov 2018 3:32

Instrument :
BNA_G
ClientSampled :
TP2-B

Tgt Ion:248 Resp: 13243
Ion Ratio Lower Upper
248 100
250 189.2 77.0 115.6#
141 359.2 55.5 83.3#

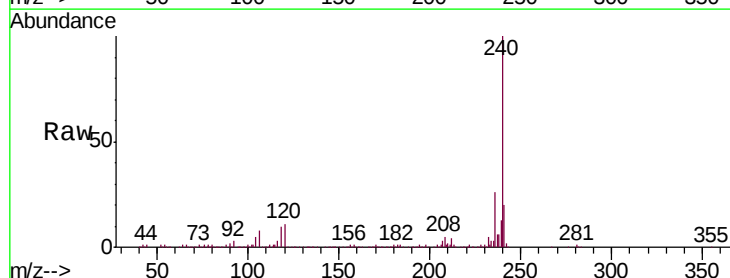


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

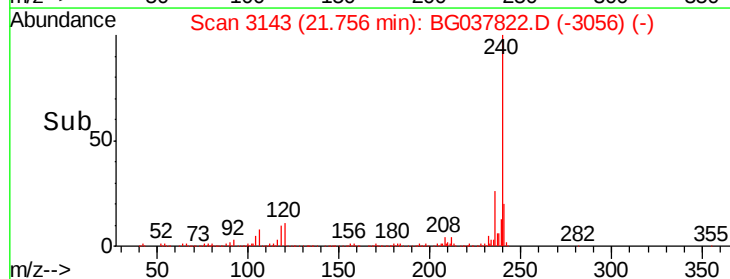
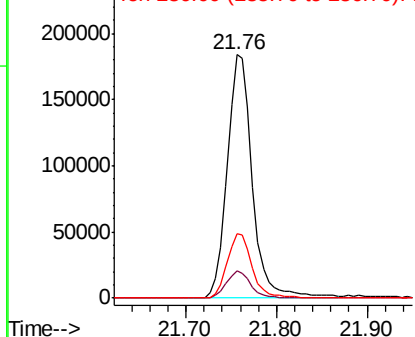


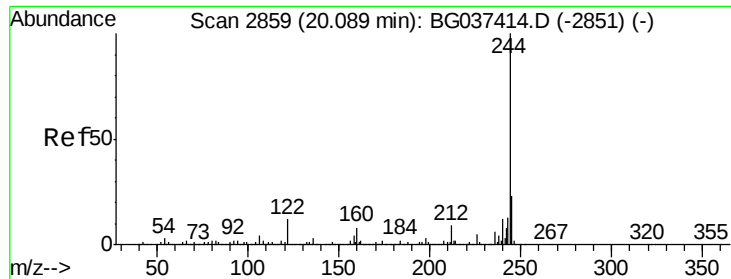
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037822.D
Acq: 6 Nov 2018 3:32

Tgt Ion:240 Resp: 354933
Ion Ratio Lower Upper
240 100
120 11.3 8.1 12.1
236 26.5 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: 65.950 ng

RT: 20.08 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037822.D

Acq: 6 Nov 2018 3:32

Instrument :

BNA_G

ClientSampleId :

TP2-B

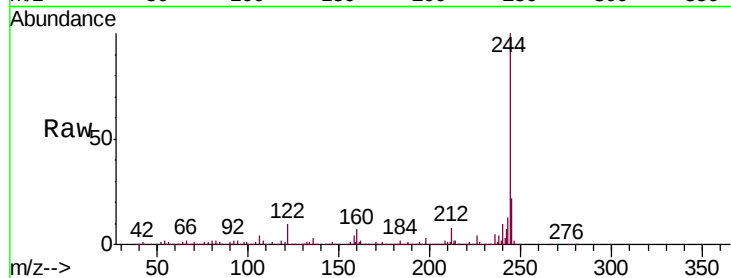
Tgt Ion:244 Resp: 1095482

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

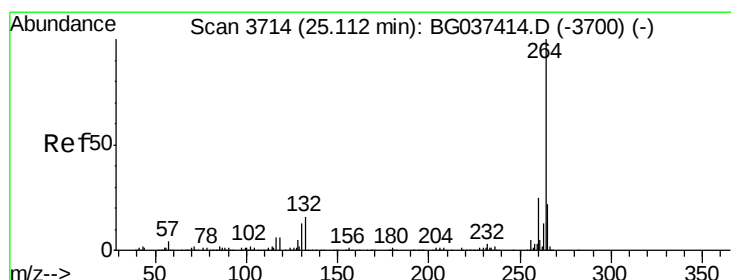
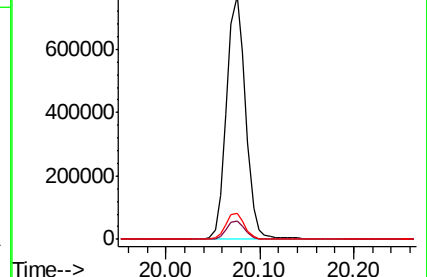
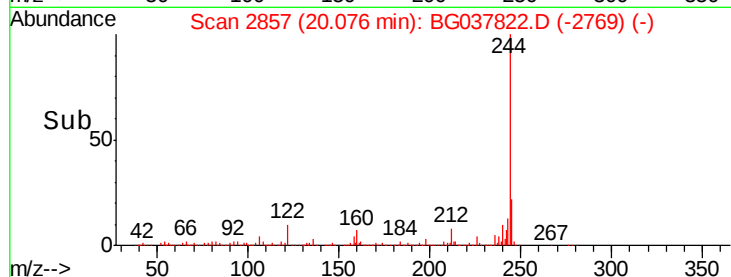
122 10.5 9.0 13.4



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: 25.09 min Scan# 3710

Delta R.T. -0.02 min

Lab File: BG037822.D

Acq: 6 Nov 2018 3:32

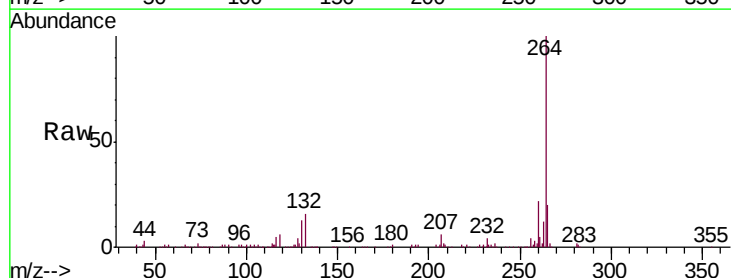
Tgt Ion:264 Resp: 330678

Ion Ratio Lower Upper

264 100

260 21.7 18.2 27.4

265 20.2 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

