

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
 Data File : BG037587.D
 Acq On : 26 Oct 2018 19:10
 Operator : JU/SJ
 Sample : J5649-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DL-04A

Quant Time: Oct 27 03:40:22 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

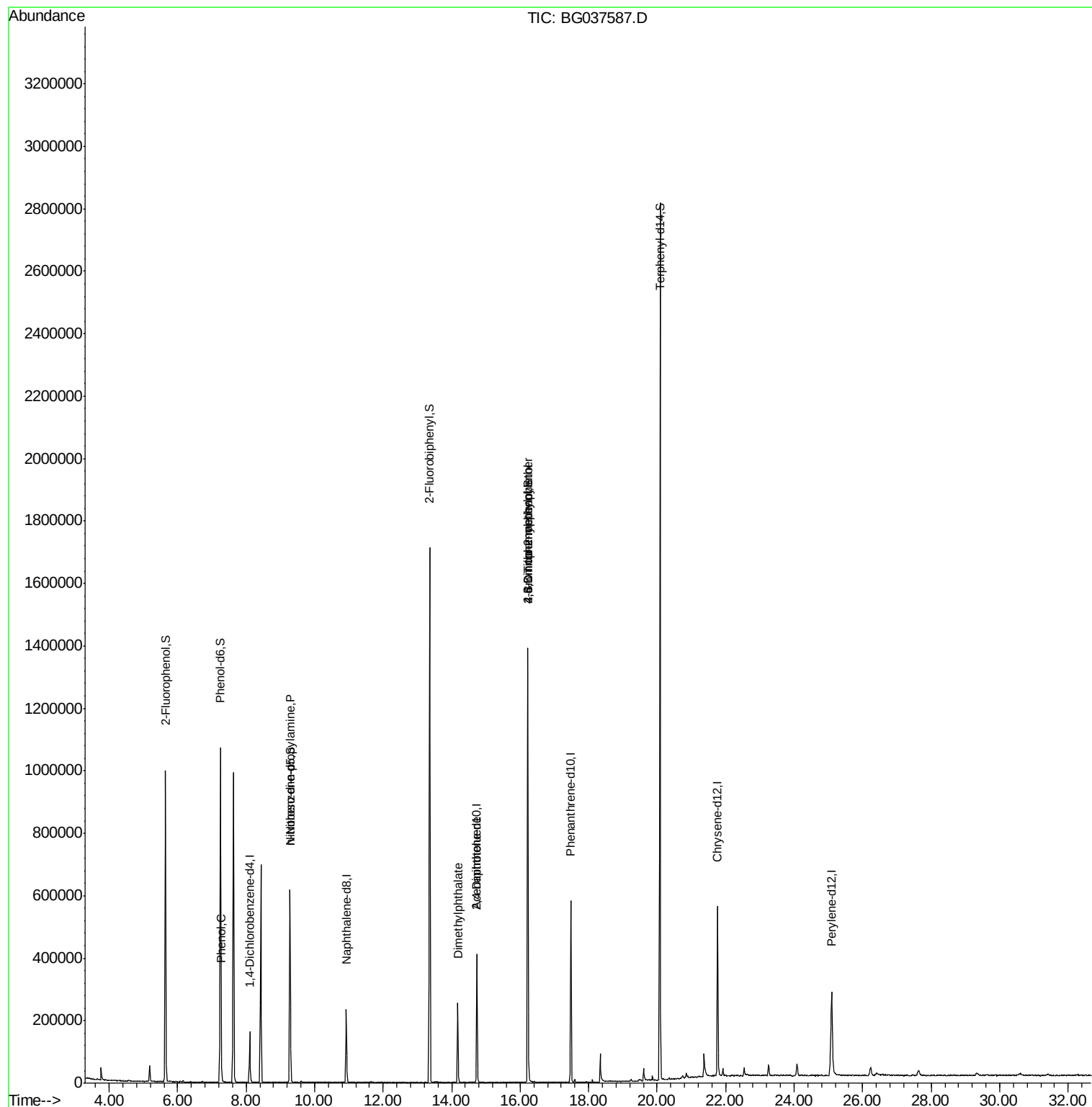
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	47969	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	214043	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	145698	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	360482	20.00	ng	0.00
76) Chrysene-d12	21.76	240	331621	20.00	ng	-0.01
87) Perylene-d12	25.09	264	325874	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	462797	161.30	ng	0.00
7) Phenol-d6	7.24	99	676168	155.85	ng	0.00
23) Nitrobenzene-d5	9.28	82	389838	102.03	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	254748	160.31	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	926167	95.86	ng	-0.01
79) Terphenyl-d14	20.08	244	1369307	88.23	ng	0.00
Target Compounds						
10) Phenol	7.27	94	47968	10.479	ng	98
19) n-Nitroso-di-n-propylamine	9.28	70	49927	16.711	ng	# 69
50) Dimethylphthalate	14.18	163	180200	15.987	ng	98
57) 2,4-Dinitrotoluene	14.74	165	19383	5.922	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.23	198	851	8.878	ng	# 70
67) 4-Bromophenyl-phenylether	16.22	248	18248	4.610	ng	# 1

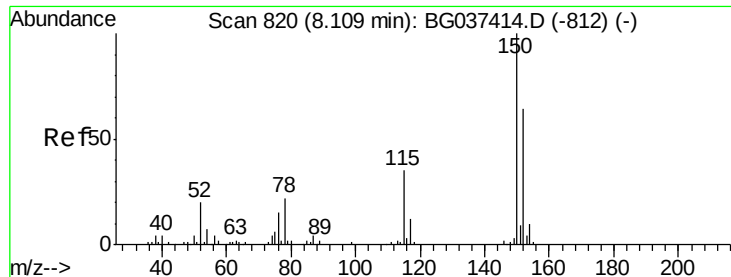
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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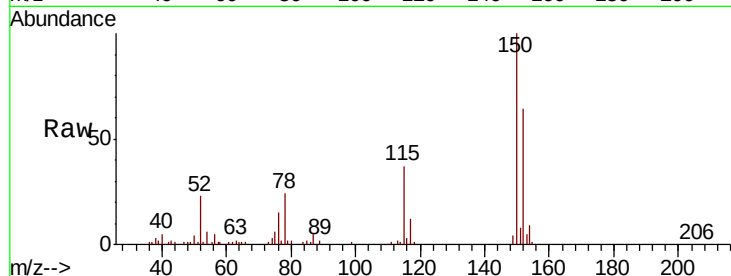


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037587.D
Acq: 26 Oct 2018 19:10

Instrument :
BNA_G
ClientSampleId :
DL-04A

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.0	189.0
115	57.1	45.5	68.3

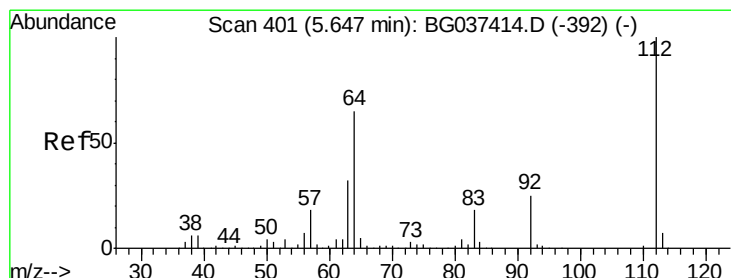
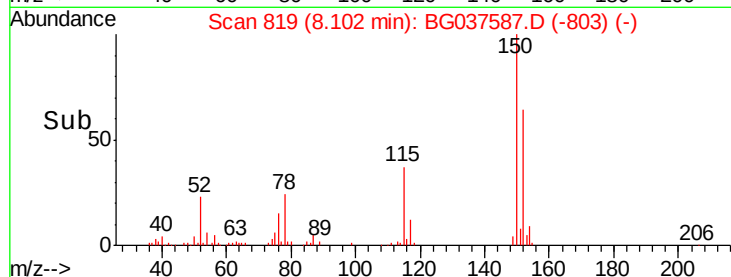
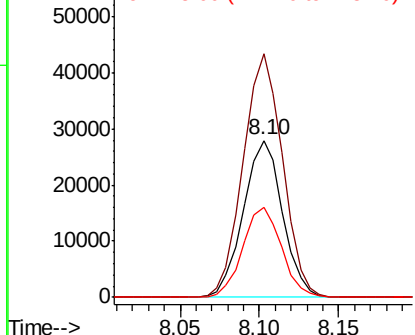


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

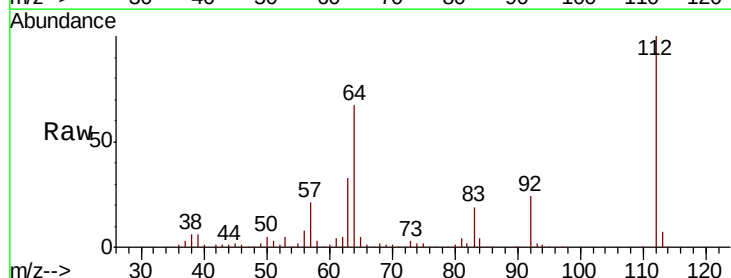
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 161.298 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037587.D
Acq: 26 Oct 2018 19:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.5	53.1	79.7
63	32.6	27.3	40.9

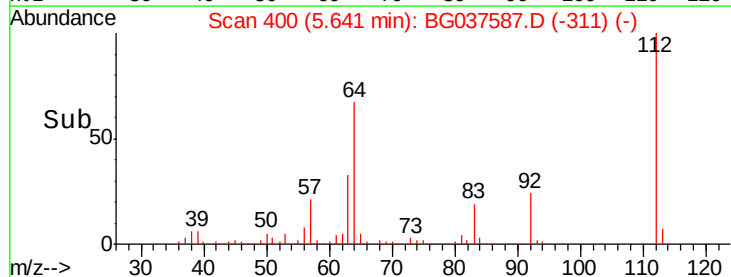
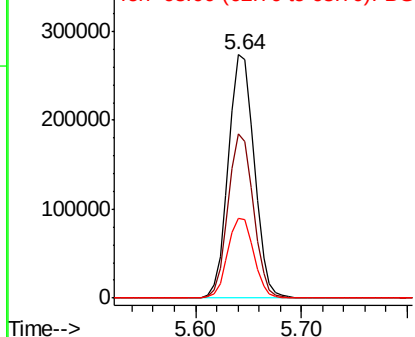


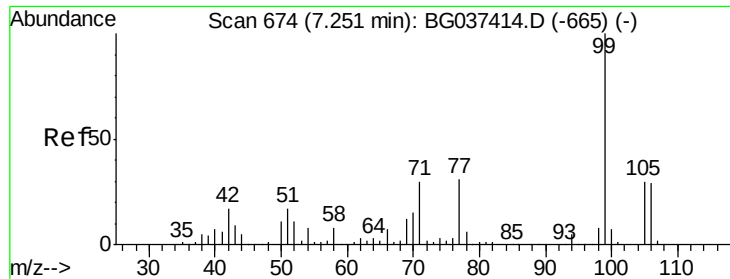
Abundance

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: 155.849 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037587.D

Acq: 26 Oct 2018 19:10

Instrument :

BNA_G

ClientSampled :

DL-04A

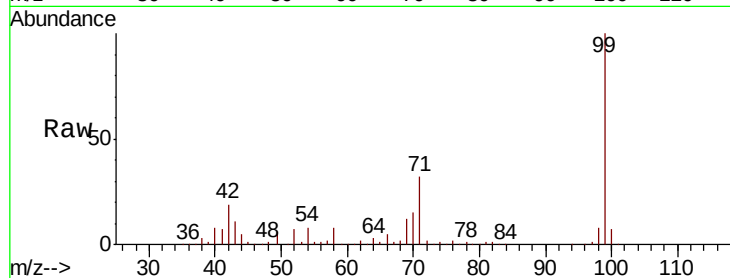
Tot Ion: 99 Resp: 676168

Ion Ratio Lower Upper

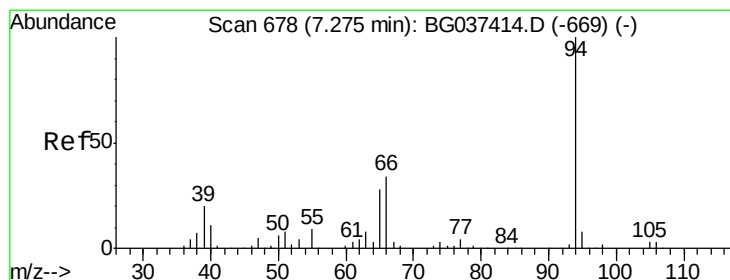
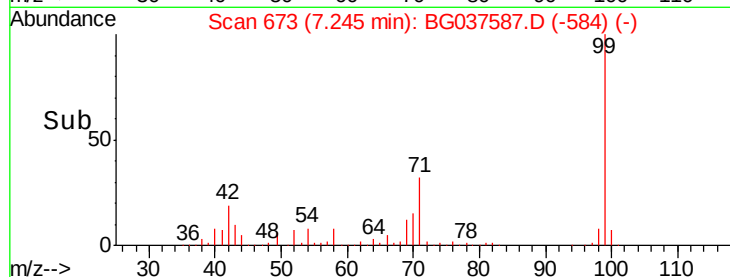
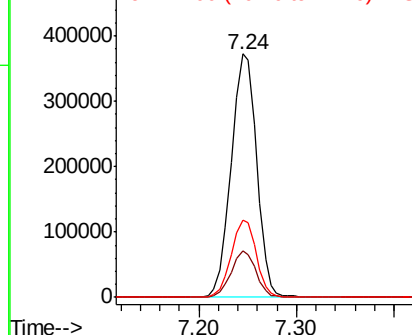
99 100

42 19.1 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: 10.479 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037587.D

Acq: 26 Oct 2018 19:10

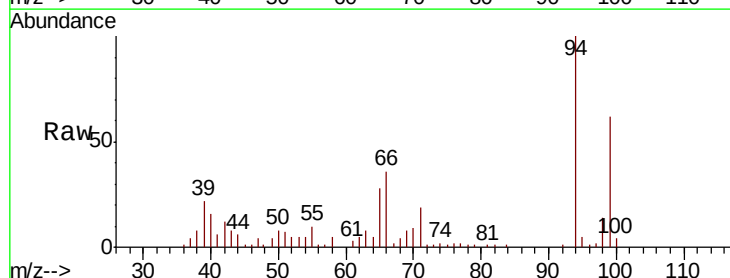
Tgt Ion: 94 Resp: 47968

Ion Ratio Lower Upper

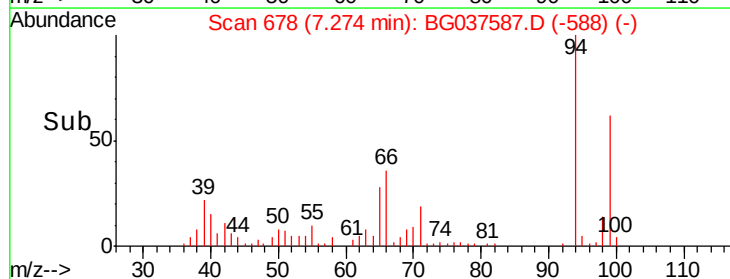
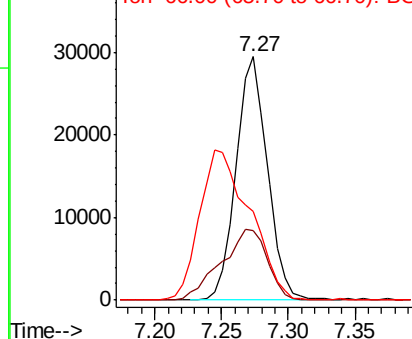
94 100

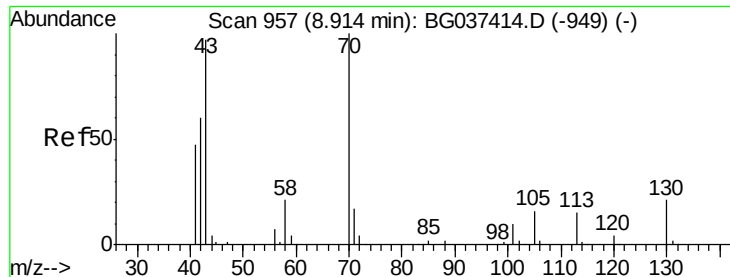
65 28.3 9.7 49.7

66 36.3 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

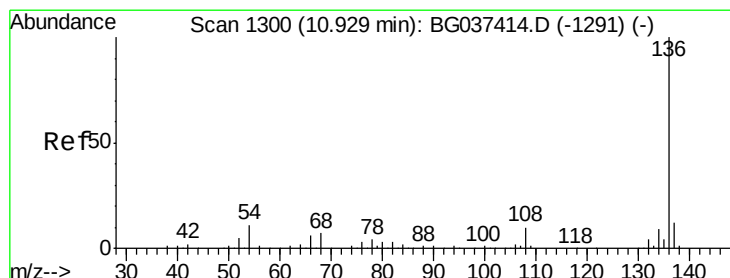
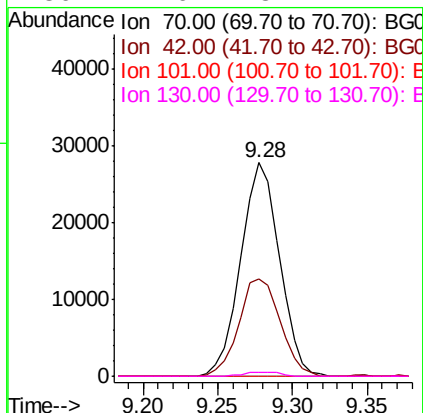
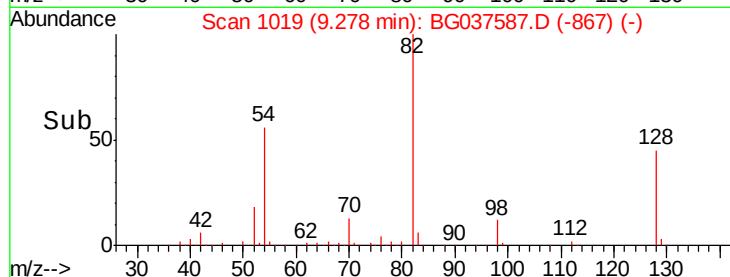
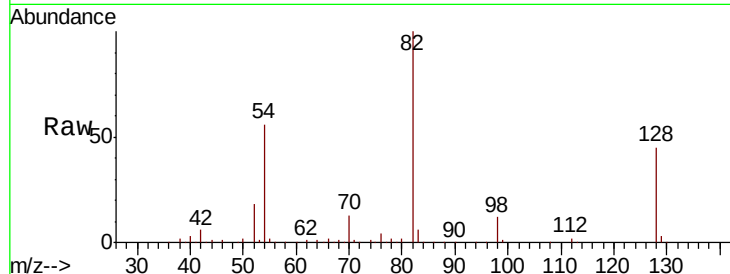




#19
n-Nitroso-di-n-propylamine
Concen: 16.711 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037587.D
Acq: 26 Oct 2018 19:10

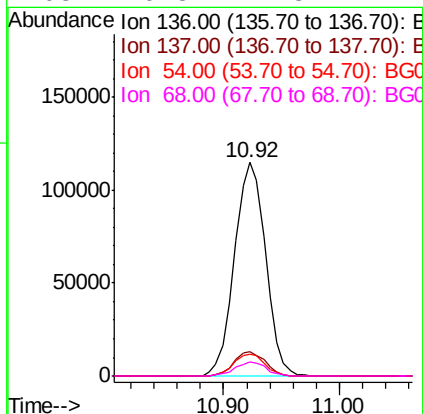
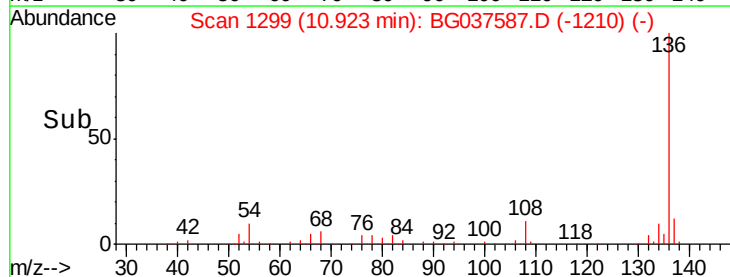
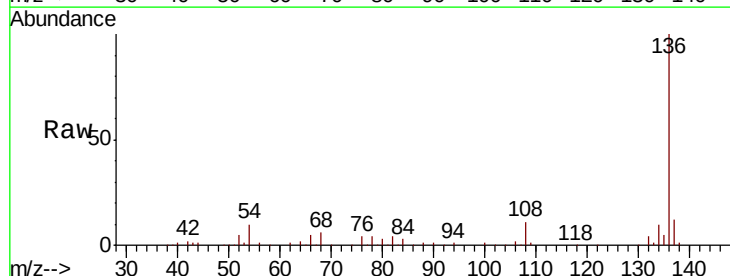
Instrument :
BNA_G
ClientSampleId :
DL-04A

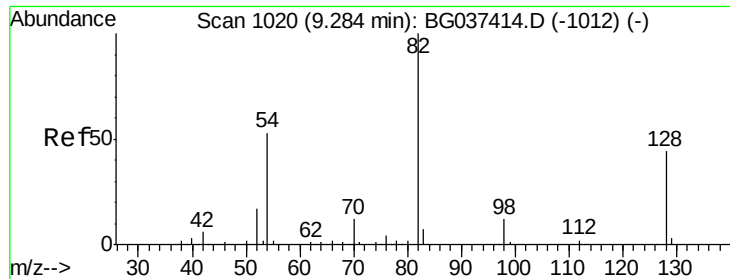
Tot Ion: 70 Resp: 49927
Ion Ratio Lower Upper
70 100
42 45.7 53.9 80.9#
101 0.0 8.2 12.2#
130 1.6 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037587.D
Acq: 26 Oct 2018 19:10

Tgt Ion: 136 Resp: 214043
Ion Ratio Lower Upper
136 100
137 11.6 9.6 14.4
54 10.4 7.9 11.9
68 6.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 102.028 ng

RT: 9.28 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BG037587.D

Acq: 26 Oct 2018 19:10

Instrument :

BNA_G

ClientSampleId :

DL-04A

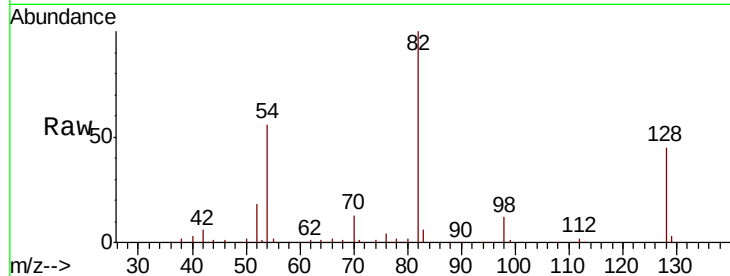
Tot Ion: 82 Resp: 389838

Ion Ratio Lower Upper

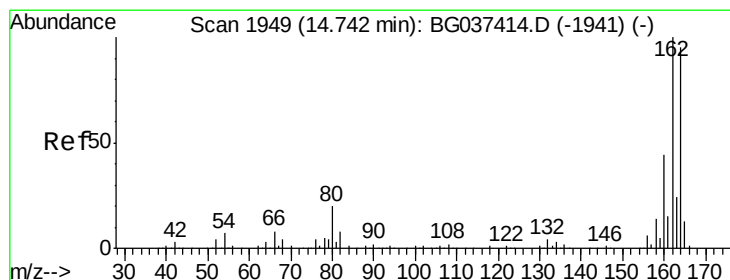
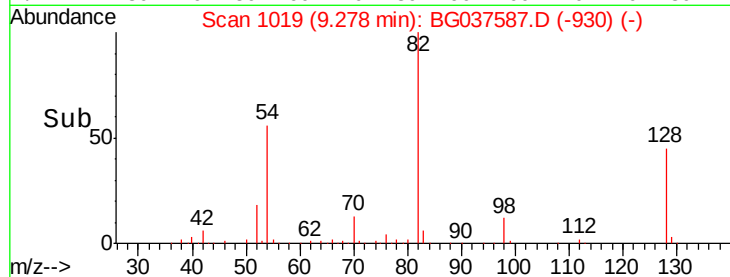
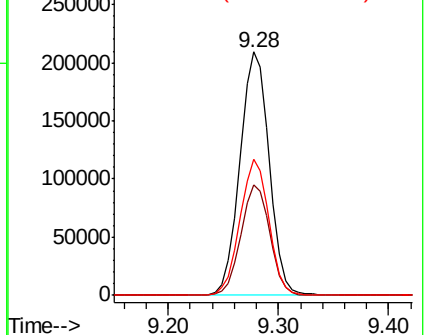
82 100

128 45.3 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: 14.74 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037587.D

Acq: 26 Oct 2018 19:10

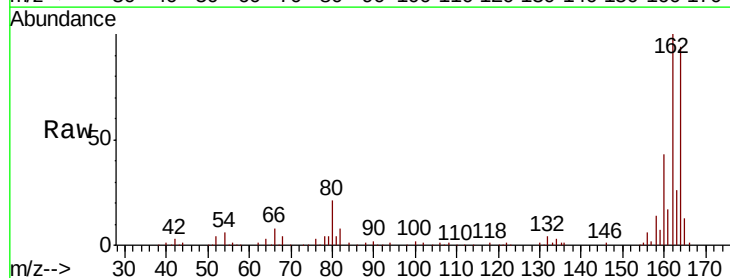
Tgt Ion:164 Resp: 145698

Ion Ratio Lower Upper

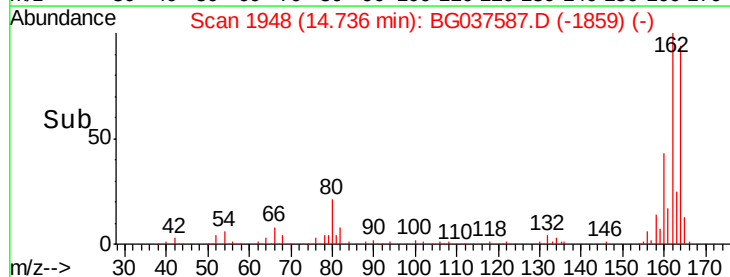
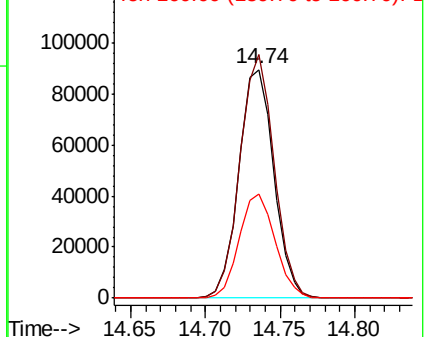
164 100

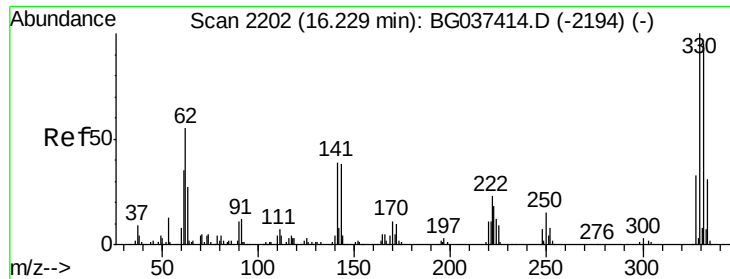
162 106.6 81.3 121.9

160 45.5 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: 160.308 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037587.D

Acq: 26 Oct 2018 19:10

Instrument :

BNA_G

ClientSampled :

DL-04A

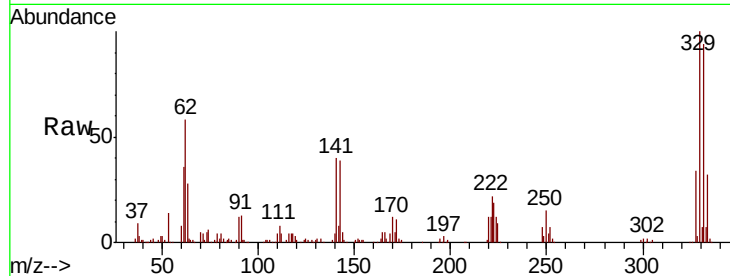
Tot Ion:330 Resp: 254748

Ion Ratio Lower Upper

330 100

332 95.0 78.4 117.6

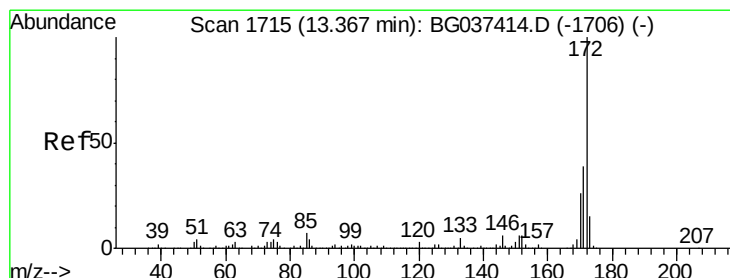
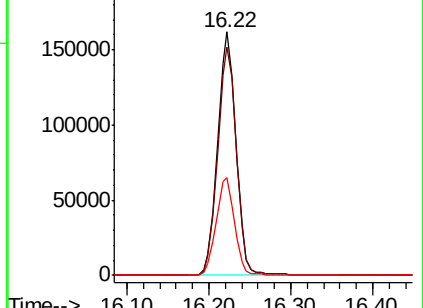
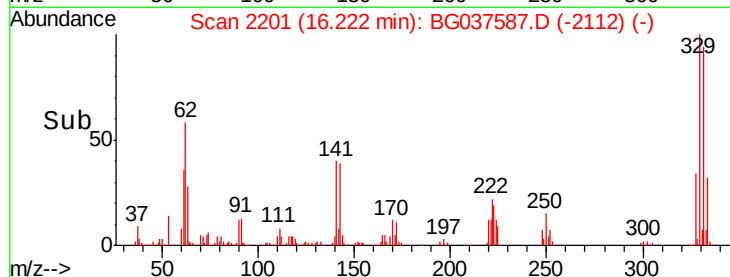
141 40.0 32.2 48.2



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: 95.856 ng

RT: 13.36 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BG037587.D

Acq: 26 Oct 2018 19:10

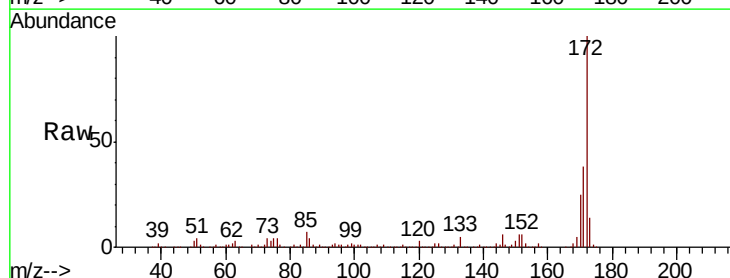
Tgt Ion:172 Resp: 926167

Ion Ratio Lower Upper

172 100

171 37.6 31.0 46.4

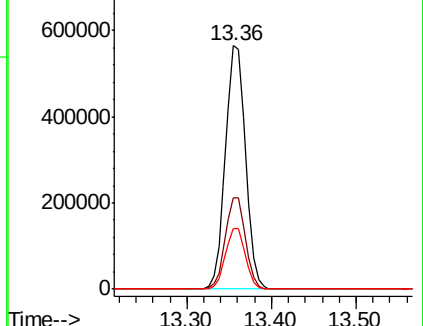
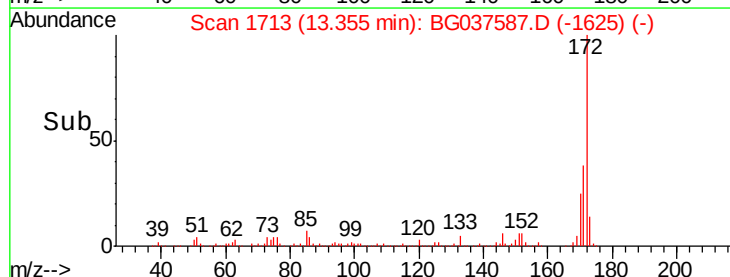
170 24.8 20.2 30.2

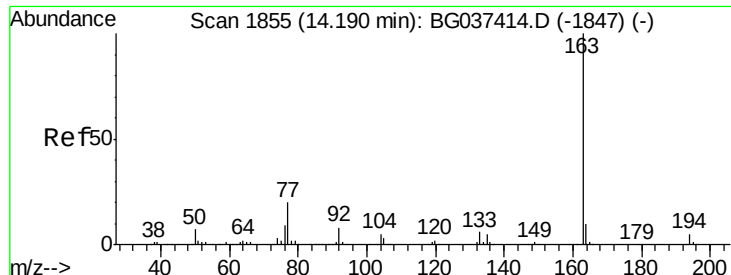


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 15.987 ng

RT: 14.18 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG037587.D

Acq: 26 Oct 2018 19:10

Instrument :

BNA_G

ClientSampleId :

DL-04A

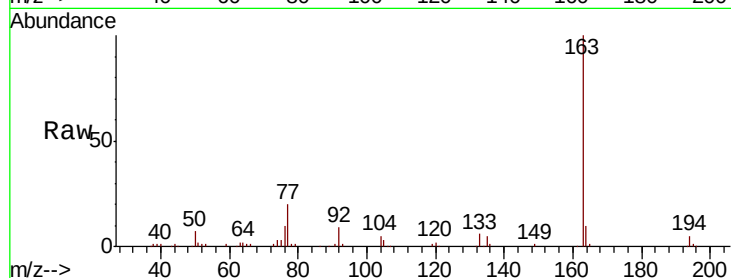
Tot Ion:163 Resp: 180200

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

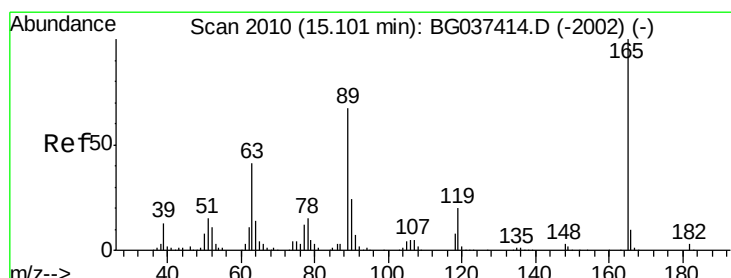
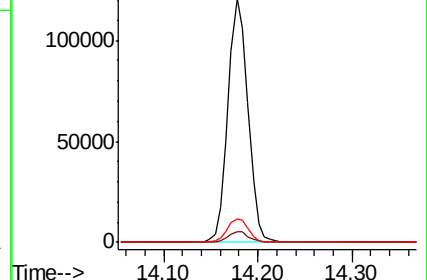
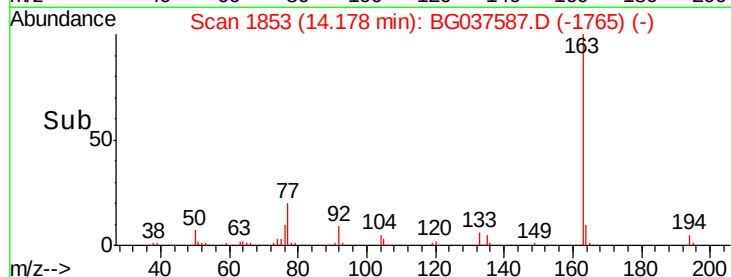
164 9.9 8.5 12.7



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: 5.922 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.36 min

Lab File: BG037587.D

Acq: 26 Oct 2018 19:10

Tgt Ion:165 Resp: 19383

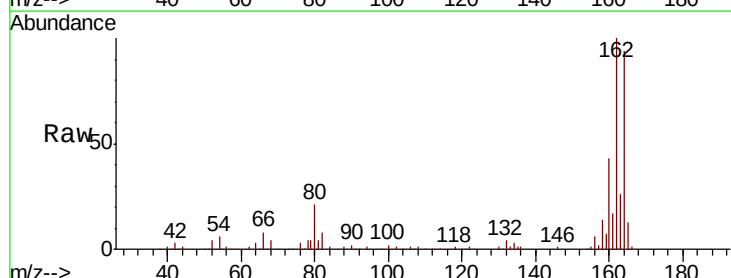
Ion Ratio Lower Upper

165 100

63 0.0 33.4 50.0#

89 0.0 57.2 85.8#

182 0.0 2.6 4.0#

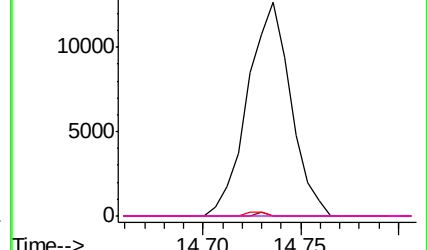
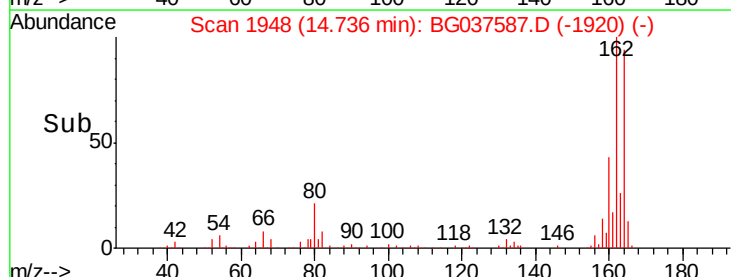


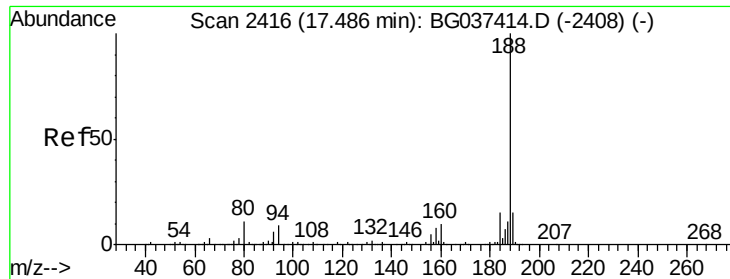
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.48 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG037587.D

Acq: 26 Oct 2018 19:10

Instrument :

BNA_G

ClientSampleId :

DL-04A

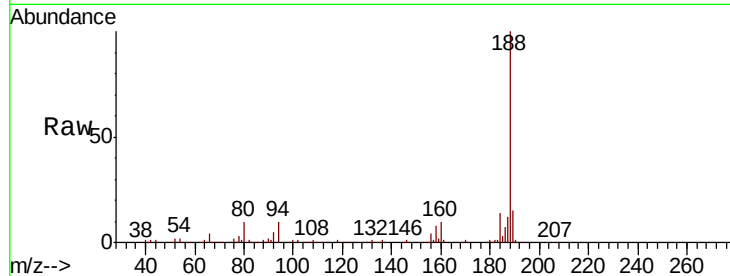
Tot Ion:188 Resp: 360482

Ion Ratio Lower Upper

188 100

94 9.6 7.2 10.8

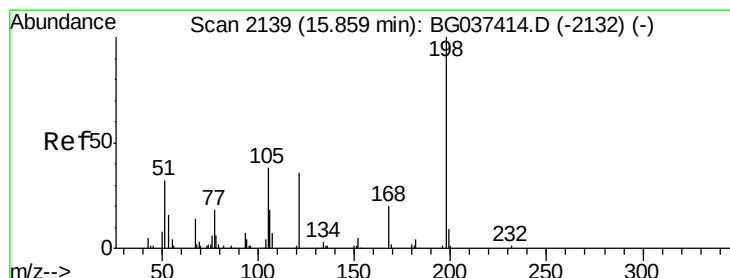
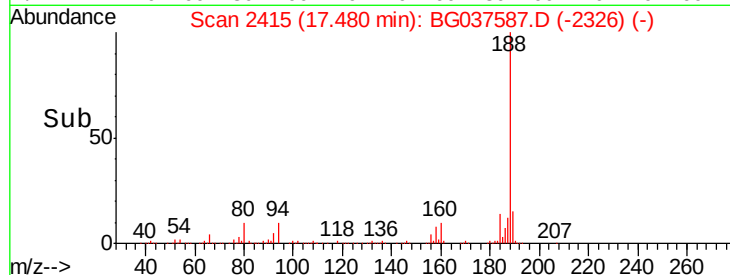
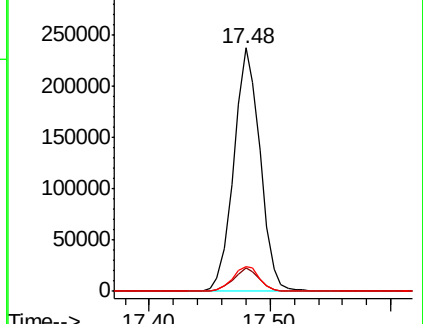
80 10.2 7.7 11.5



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: 8.878 ng

RT: 16.23 min Scan# 2202

Delta R.T. 0.37 min

Lab File: BG037587.D

Acq: 26 Oct 2018 19:10

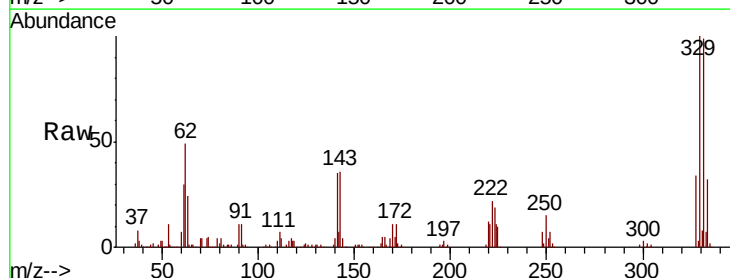
Tgt Ion:198 Resp: 851

Ion Ratio Lower Upper

198 100

51 21.3 22.7 62.7#

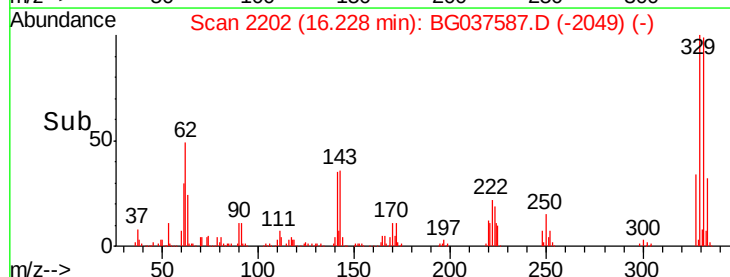
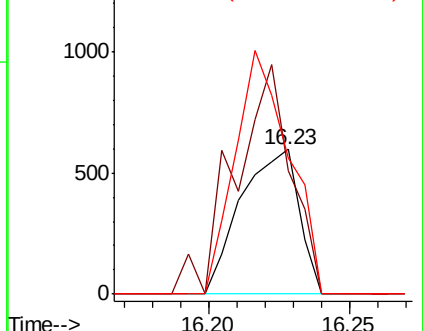
105 23.4 19.7 59.7

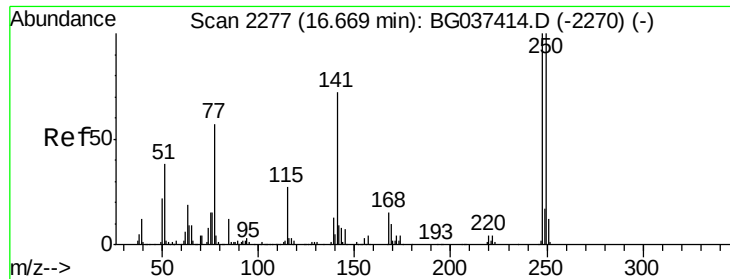


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

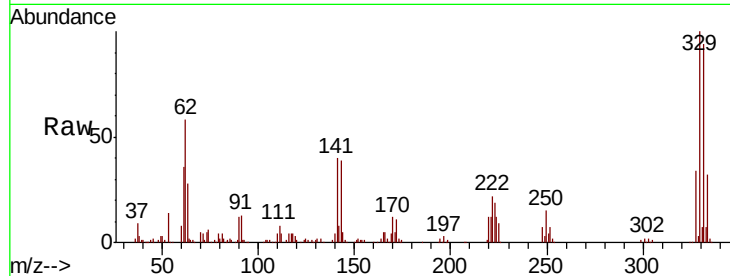




#67
 4-Bromophenyl-phenylether
 Concen: 4.610 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037587.D
 Acq: 26 Oct 2018 19:10

Instrument :
 BNA_G
 ClientSampleId :
 DL-04A

Tot Ion	Ratio	Lower	Upper
248	100		
250	187.6	77.0	115.6#
141	400.3	55.5	83.3#

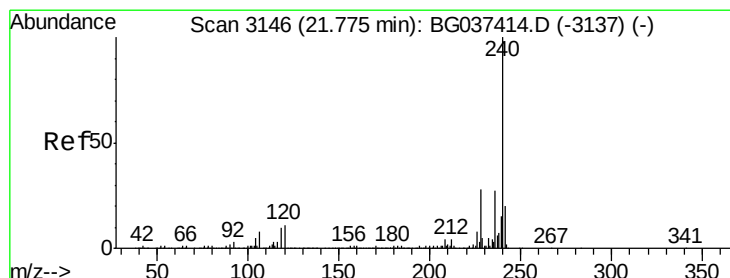
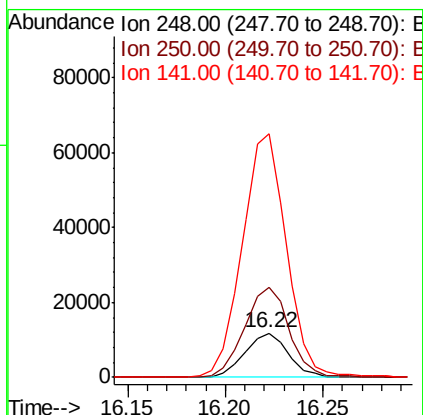
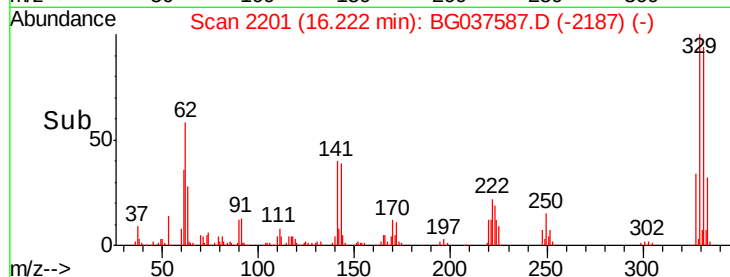


Abundance

Ion 248.00 (247.70 to 248.70): E

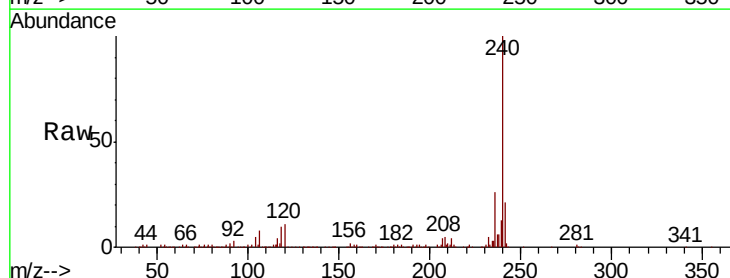
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG037587.D
 Acq: 26 Oct 2018 19:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.1	12.1
236	25.9	21.4	32.0

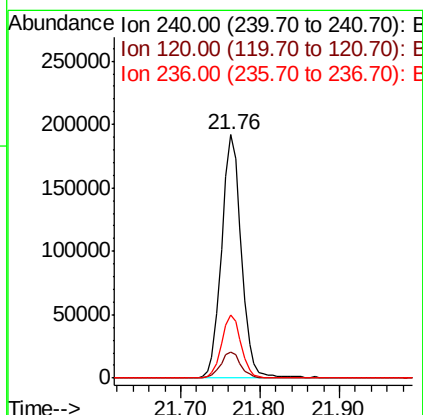
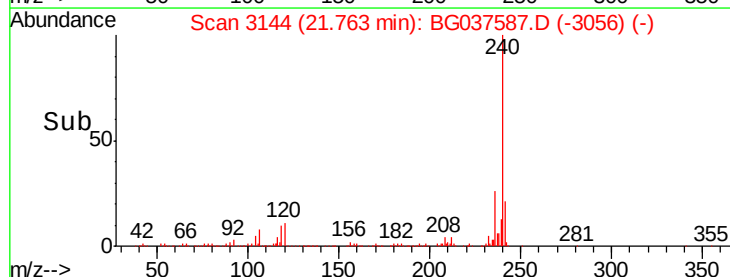


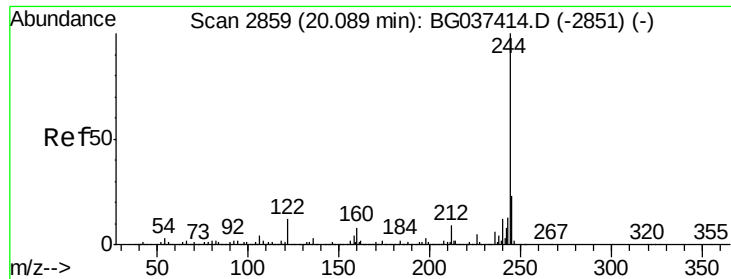
Abundance

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: 88.230 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037587.D

Acq: 26 Oct 2018 19:10

Instrument :

BNA_G

ClientSampleId :

DL-04A

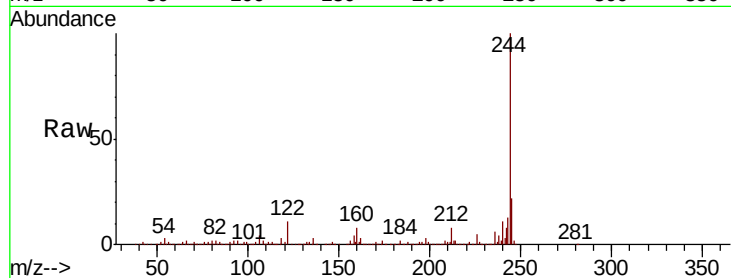
Tot Ion:244 Resp: 1369307

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

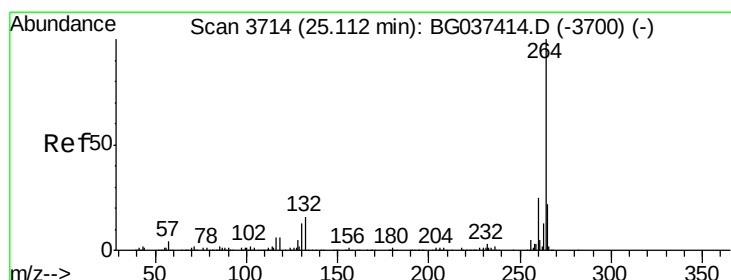
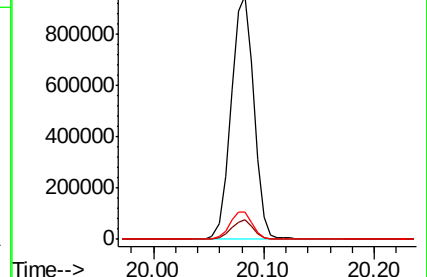
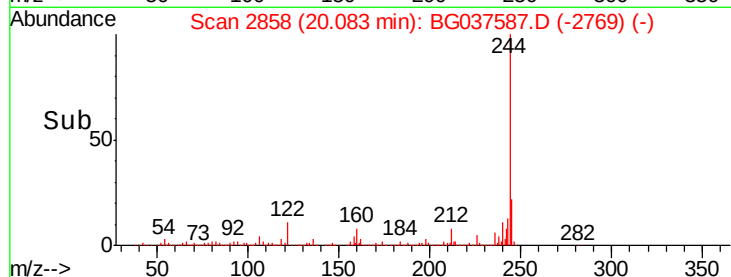
122 11.2 9.0 13.4



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# 3711

Delta R.T. -0.02 min

Lab File: BG037587.D

Acq: 26 Oct 2018 19:10

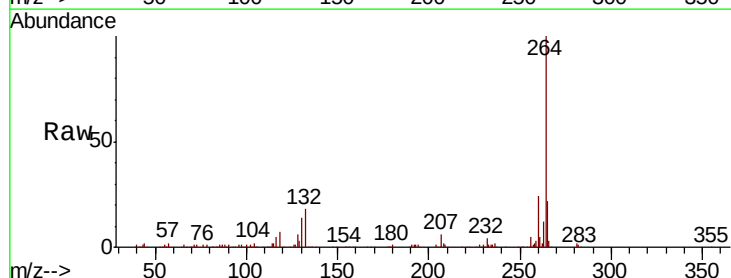
Tgt Ion:264 Resp: 325874

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.4

265 21.5 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

