

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
 Data File : BG037586.D
 Acq On : 26 Oct 2018 18:30
 Operator : JU/SJ
 Sample : J5649-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DL-02B

Quant Time: Oct 27 03:40:01 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

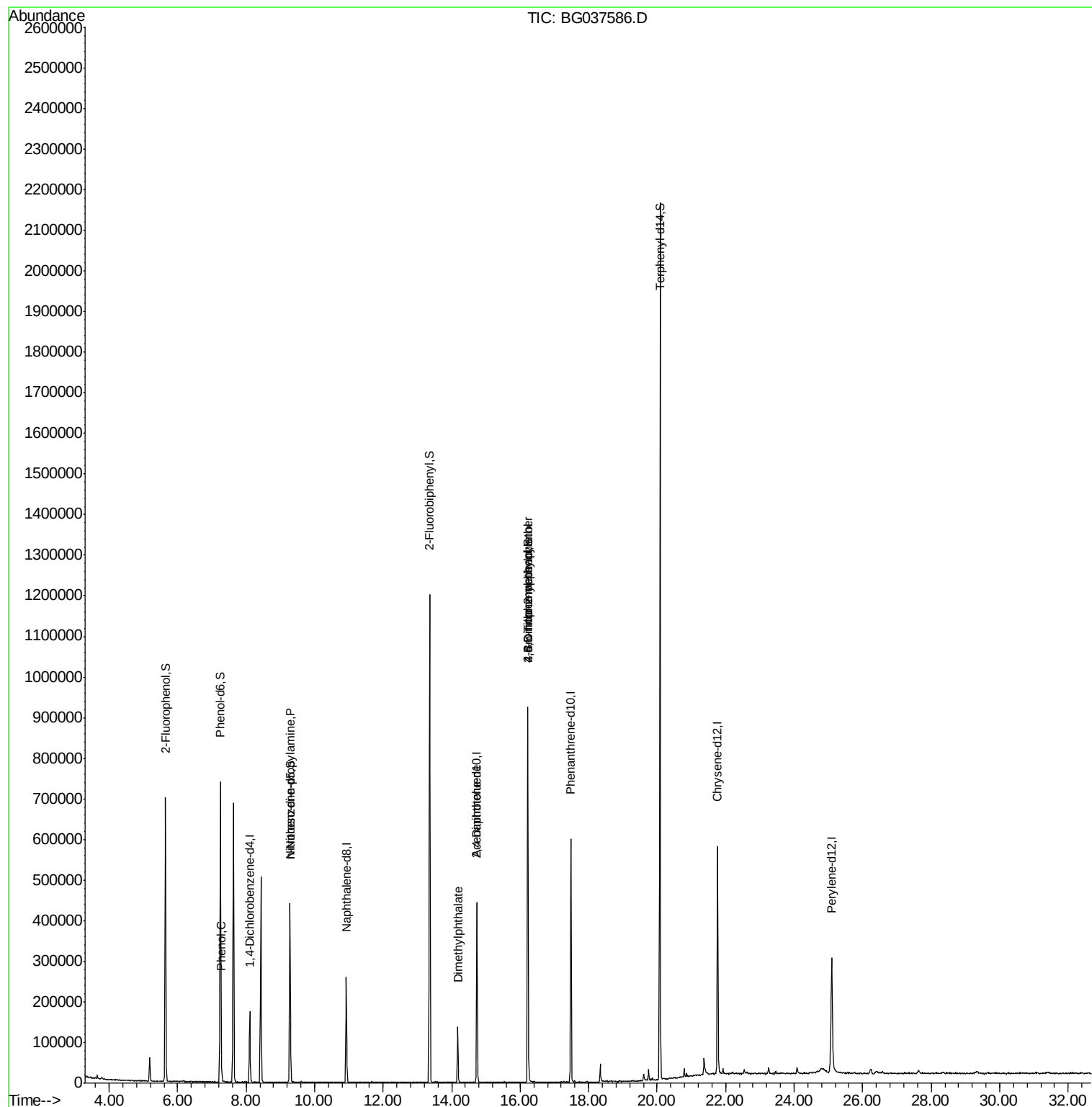
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	52811	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	228142	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	155873	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	383080	20.00	ng	0.00
76) Chrysene-d12	21.76	240	352743	20.00	ng	-0.01
87) Perylene-d12	25.09	264	346219	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	319373	101.10	ng	0.00
7) Phenol-d6	7.24	99	471581	98.73	ng	0.00
23) Nitrobenzene-d5	9.28	82	272661	66.95	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	167325	98.42	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	664525	64.29	ng	-0.01
79) Terphenyl-d14	20.08	244	1027176	62.22	ng	0.00
Target Compounds						
10) Phenol	7.27	94	42743	8.481	ng	96
19) n-Nitroso-di-n-propylamine	9.28	70	34413	10.462	ng	# 68
50) Dimethylphthalate	14.18	163	95890	7.952	ng	98
57) 2,4-Dinitrotoluene	14.74	165	20216	5.773	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	441	8.688	ng	82
67) 4-Bromophenyl-phenylether	16.22	248	12149	2.888	ng	# 1

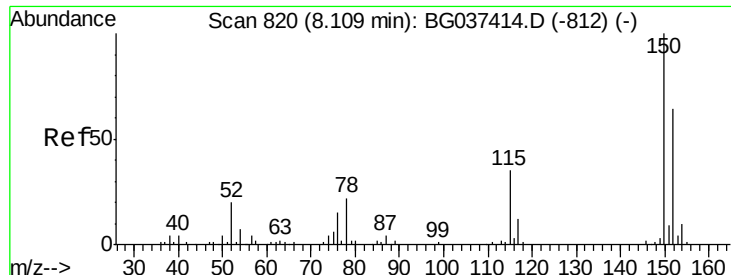
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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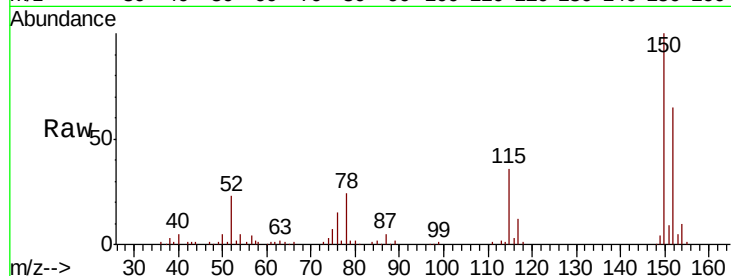


#1

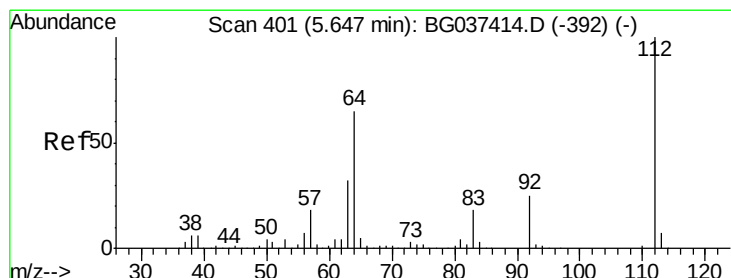
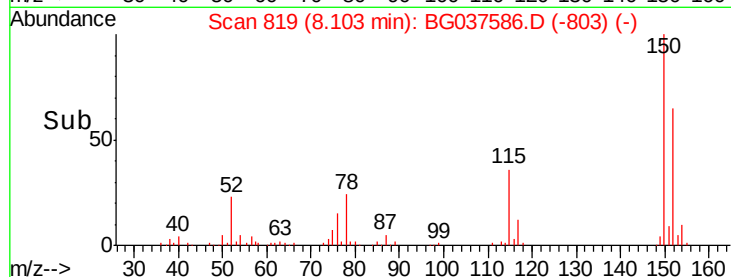
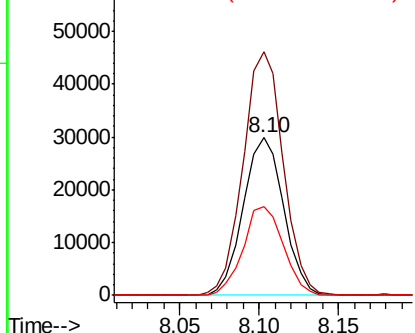
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037586.D
Acq: 26 Oct 2018 18:30

Instrument :
BNA_G
ClientSampleId :
DL-02B

Tot Ion:152 Resp: 52811
Ion Ratio Lower Upper
152 100
150 154.8 126.0 189.0
115 56.1 45.5 68.3



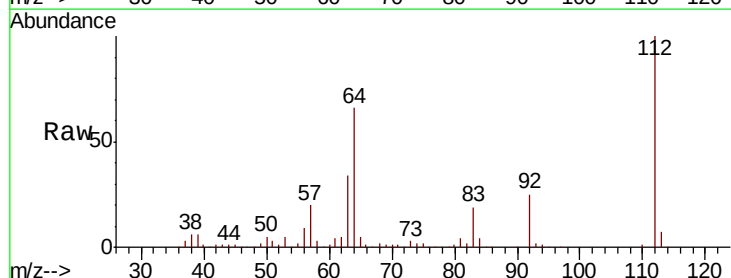
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



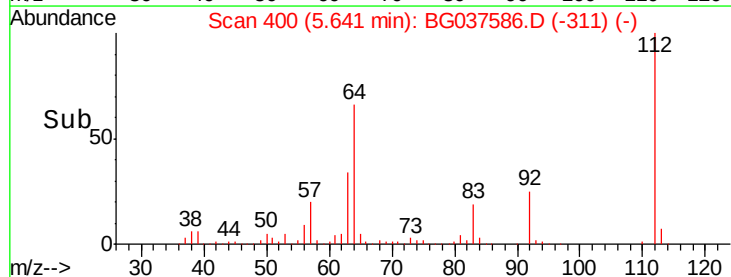
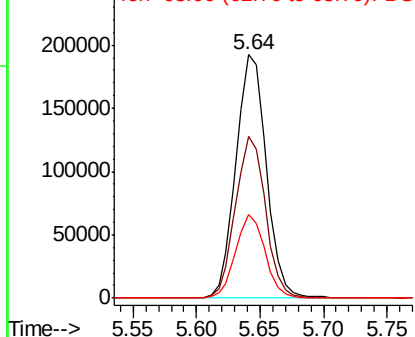
#5

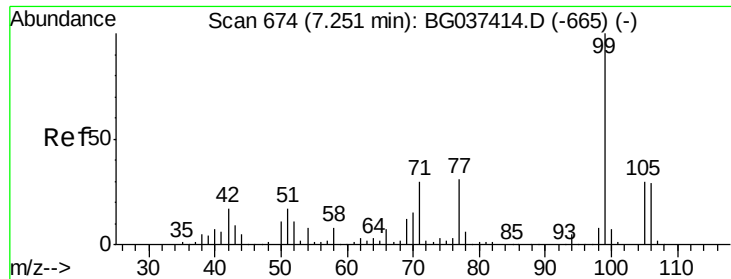
2-Fluorophenol
Concen: 101.105 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037586.D
Acq: 26 Oct 2018 18:30

Tgt Ion:112 Resp: 319373
Ion Ratio Lower Upper
112 100
64 66.4 53.1 79.7
63 34.4 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: 98.728 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037586.D

Acq: 26 Oct 2018 18:30

Instrument :

BNA_G

ClientSampled :

DL-02B

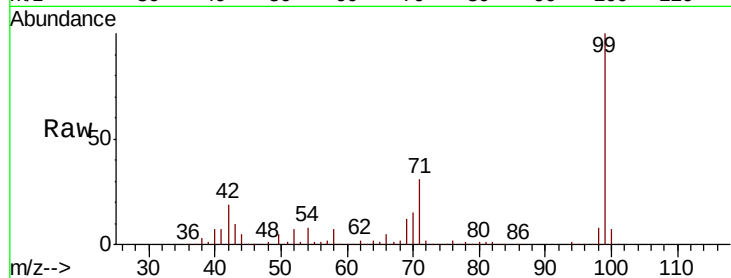
Tot Ion: 99 Resp: 471581

Ion Ratio Lower Upper

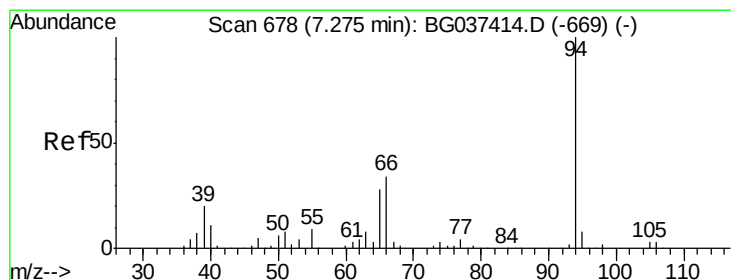
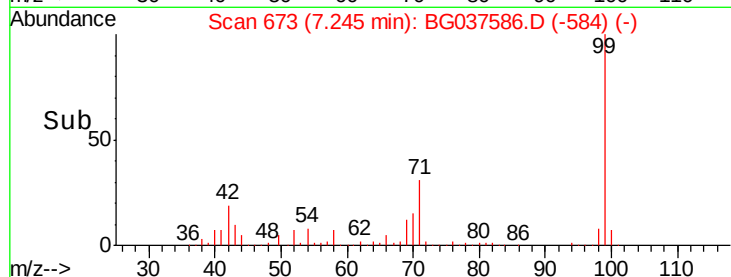
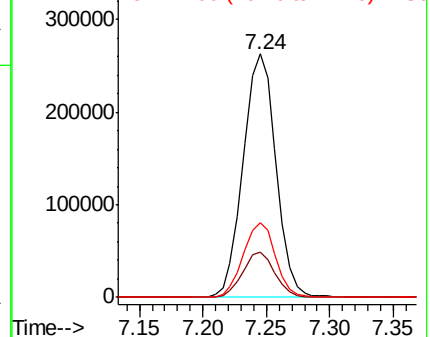
99 100

42 18.5 15.0 22.4

71 30.7 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: 8.481 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037586.D

Acq: 26 Oct 2018 18:30

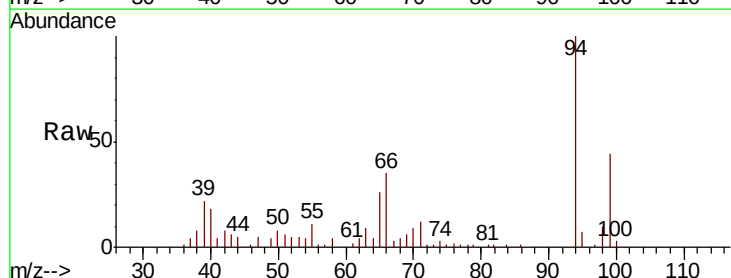
Tgt Ion: 94 Resp: 42743

Ion Ratio Lower Upper

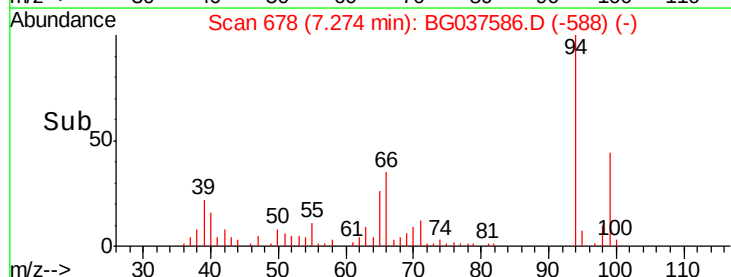
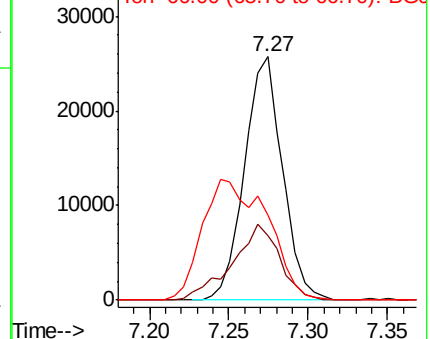
94 100

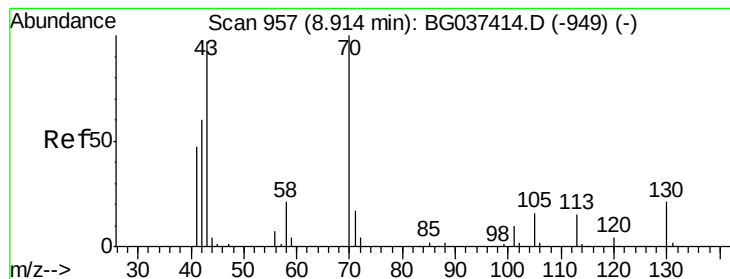
65 26.4 9.7 49.7

66 35.1 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: 10.462 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037586.D

Acq: 26 Oct 2018 18:30

Instrument :

BNA_G

ClientSampleId :

DL-02B

Tot Ion: 70 Resp: 34413

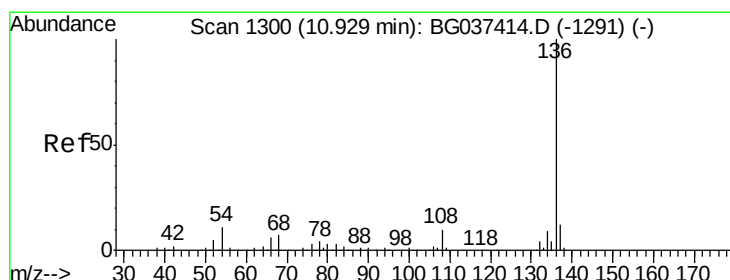
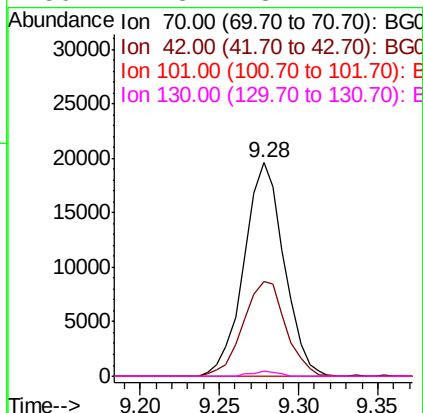
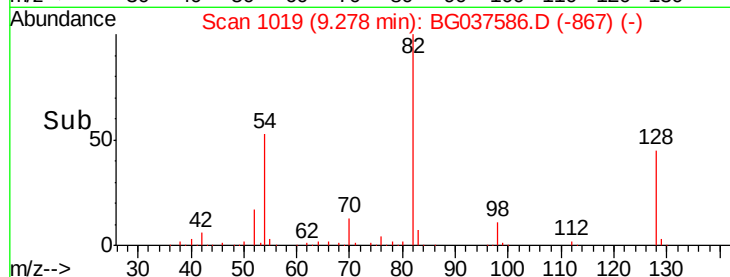
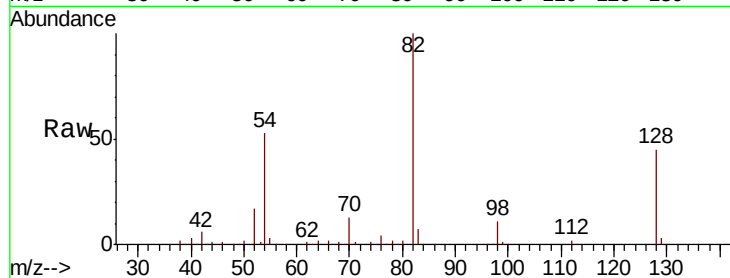
Ion Ratio Lower Upper

70 100

42 44.5 53.9 80.9#

101 0.0 8.2 12.2#

130 2.3 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: BG037586.D

Acq: 26 Oct 2018 18:30

Tgt Ion: 136 Resp: 228142

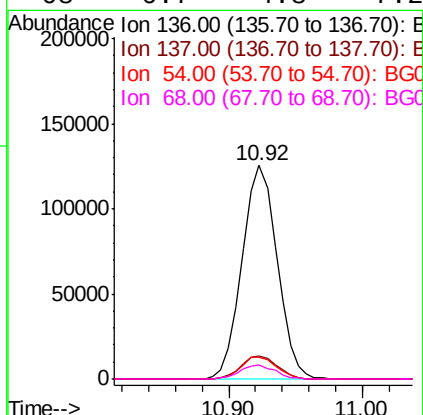
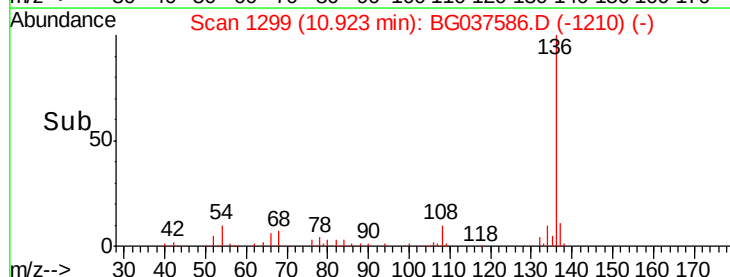
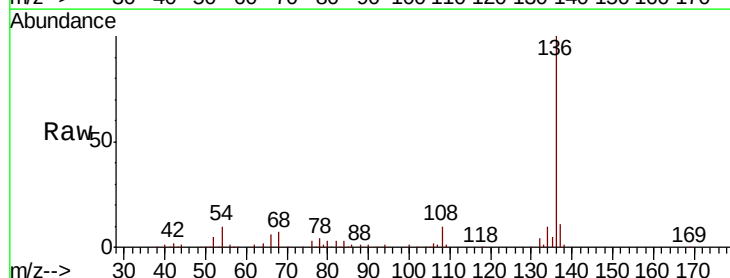
Ion Ratio Lower Upper

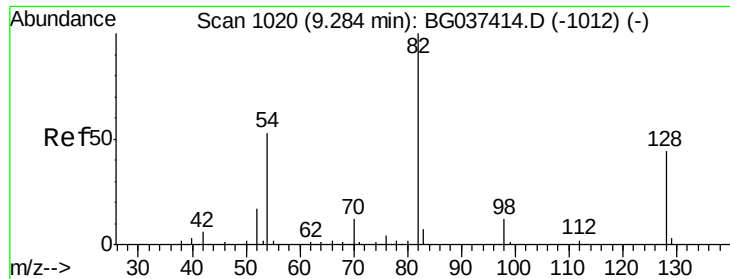
136 100

137 11.0 9.6 14.4

54 10.3 7.9 11.9

68 6.7 4.8 7.2

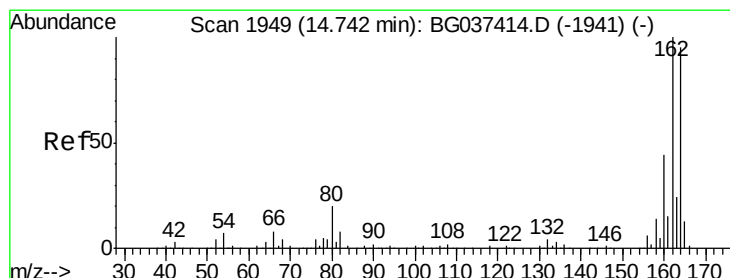
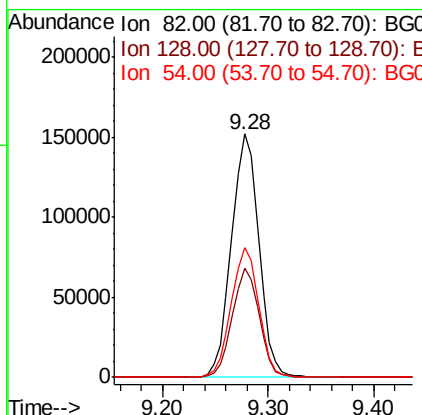
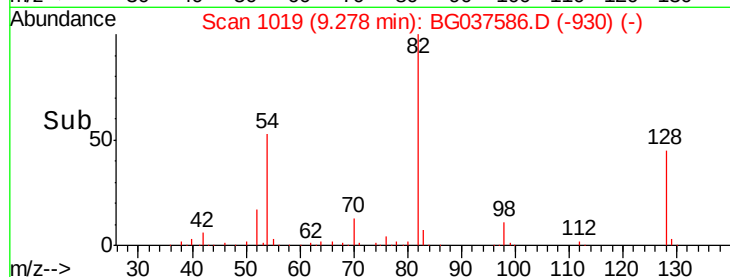
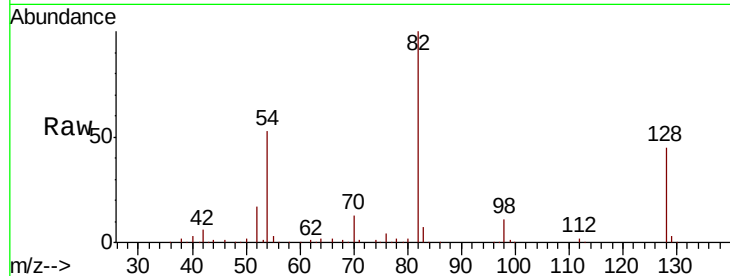




#23
 Nitrobenzene-d5
 Concen: 66.950 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037586.D
 Acq: 26 Oct 2018 18:30

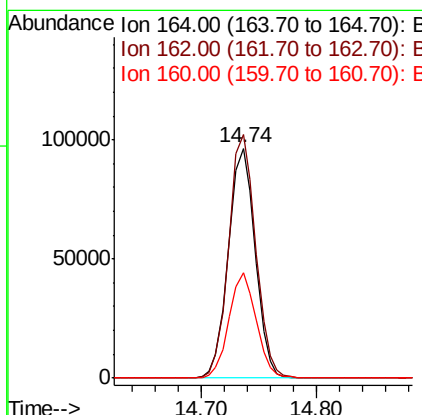
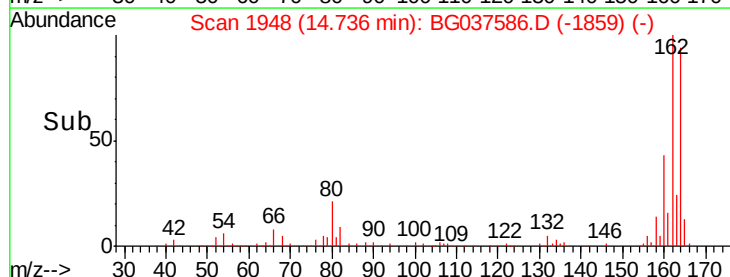
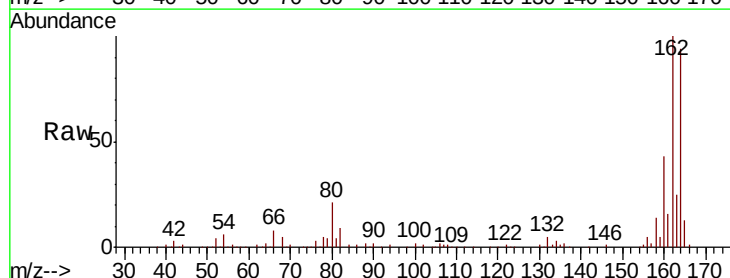
Instrument :
 BNA_G
 ClientSampleID :
 DL-02B

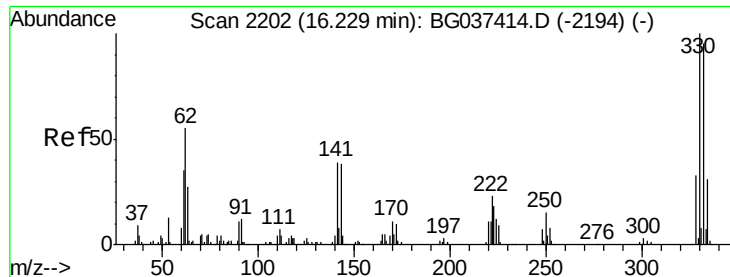
Tot Ion	82.00	Resp	272661
Ion Ratio	100	Lower	Upper
128	44.8	34.6	51.8
54	53.2	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG037586.D
 Acq: 26 Oct 2018 18:30

Tgt Ion	164	Resp	155873
Ion Ratio	100	Lower	Upper
162	105.8	81.3	121.9
160	45.8	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 98.421 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037586.D

Acq: 26 Oct 2018 18:30

Instrument :

BNA_G

ClientSampleId :

DL-02B

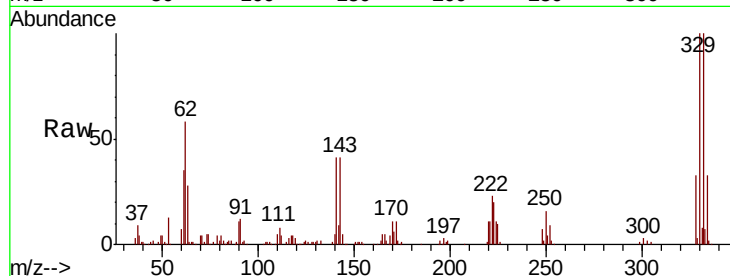
Tot Ion:330 Resp: 167325

Ion Ratio Lower Upper

330 100

332 97.7 78.4 117.6

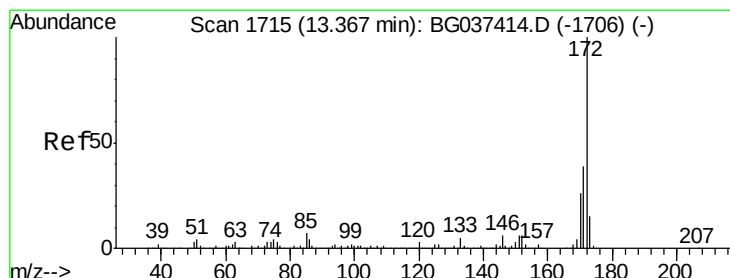
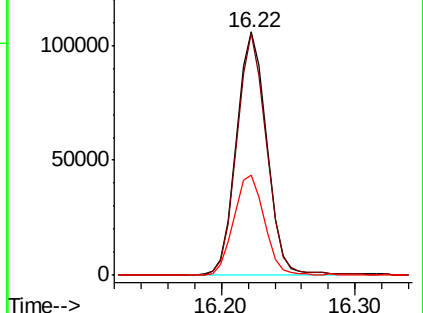
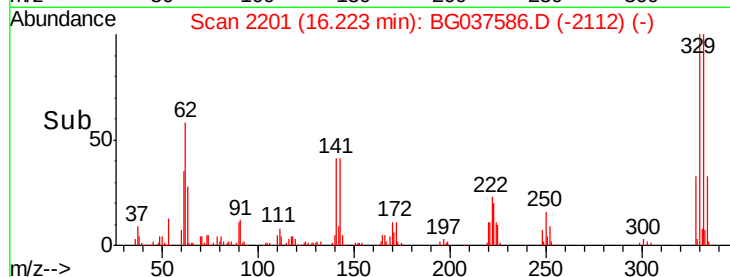
141 41.6 32.2 48.2



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: 64.287 ng

RT: 13.36 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BG037586.D

Acq: 26 Oct 2018 18:30

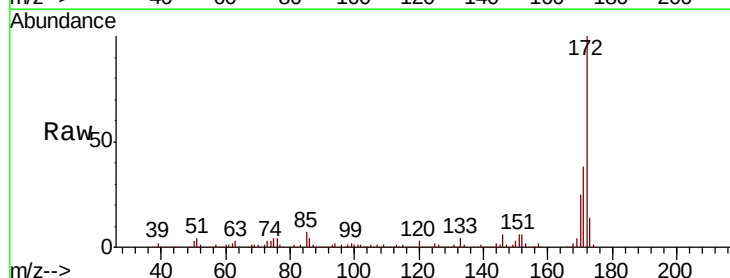
Tgt Ion:172 Resp: 664525

Ion Ratio Lower Upper

172 100

171 38.1 31.0 46.4

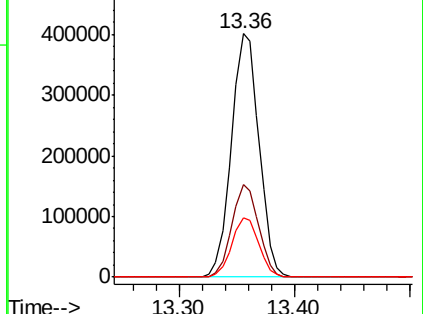
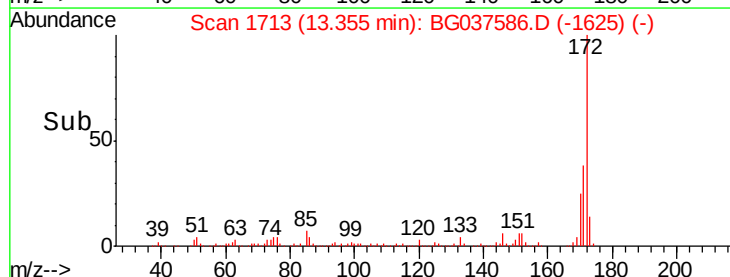
170 24.6 20.2 30.2

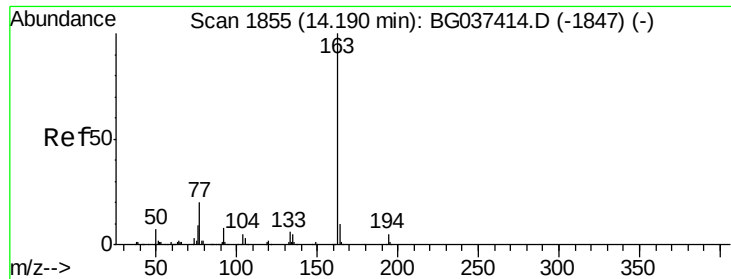


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 7.952 ng

RT: 14.18 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG037586.D

Acq: 26 Oct 2018 18:30

Instrument :

BNA_G

ClientSampleId :

DL-02B

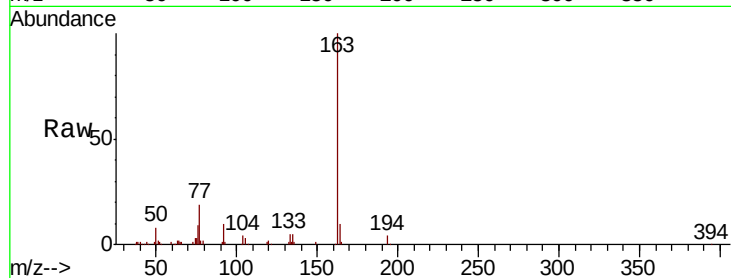
Tot Ion:163 Resp: 95890

Ion Ratio Lower Upper

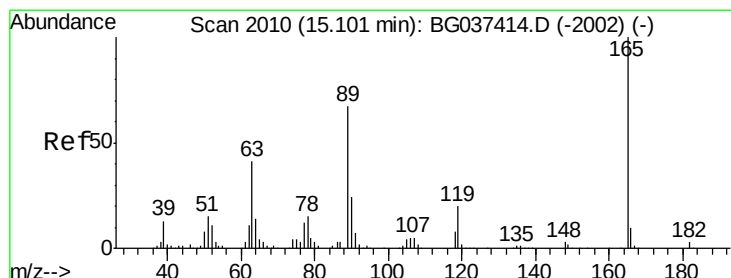
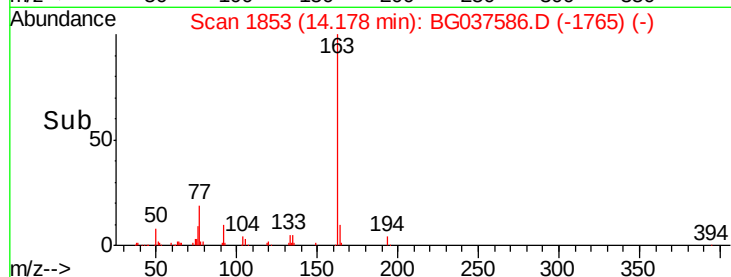
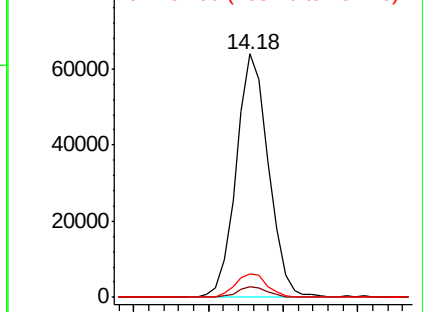
163 100

194 4.2 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: 5.773 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.36 min

Lab File: BG037586.D

Acq: 26 Oct 2018 18:30

Tgt Ion:165 Resp: 20216

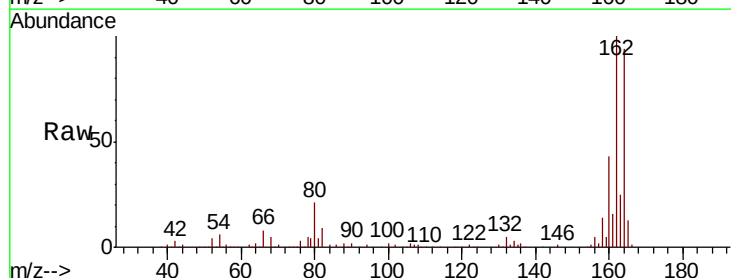
Ion Ratio Lower Upper

165 100

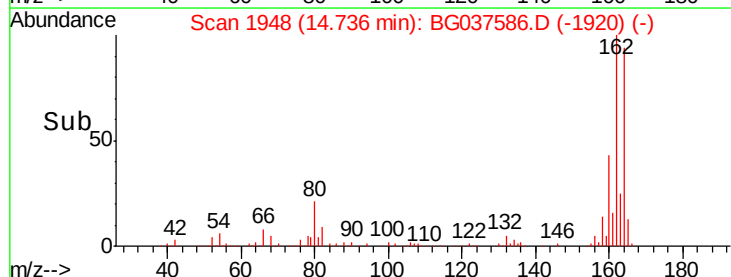
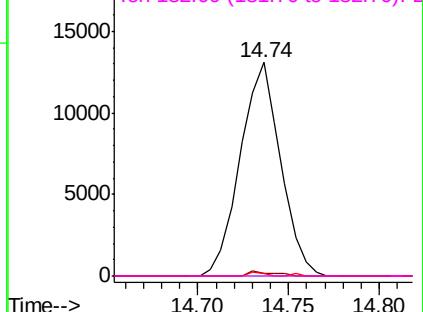
63 1.5 33.4 50.0#

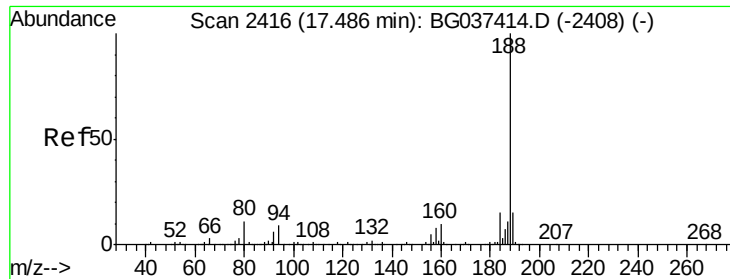
89 1.3 57.2 85.8#

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

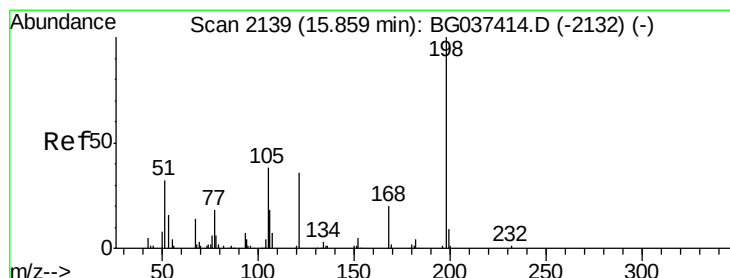
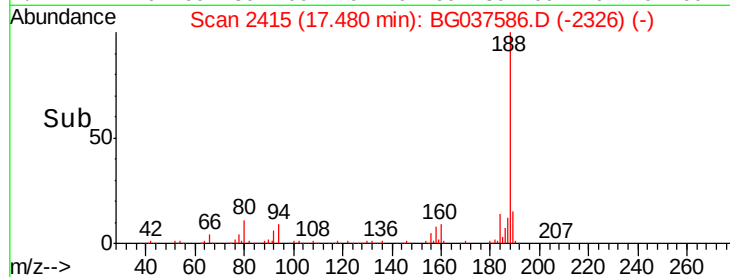
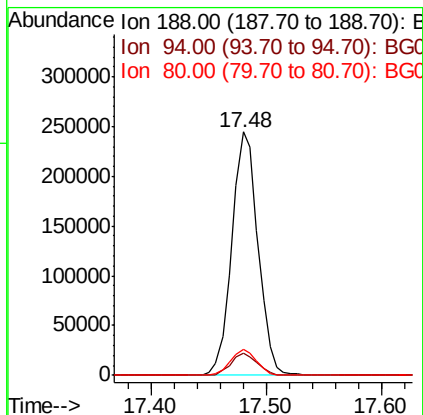
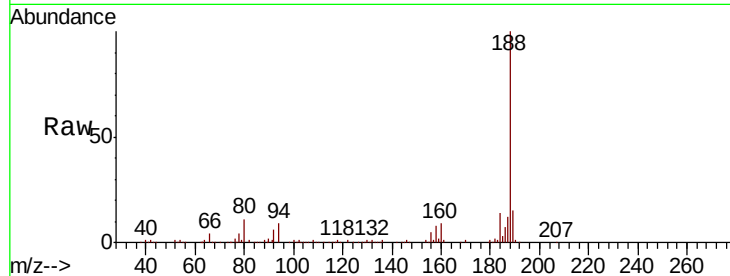




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037586.D
Acq: 26 Oct 2018 18:30

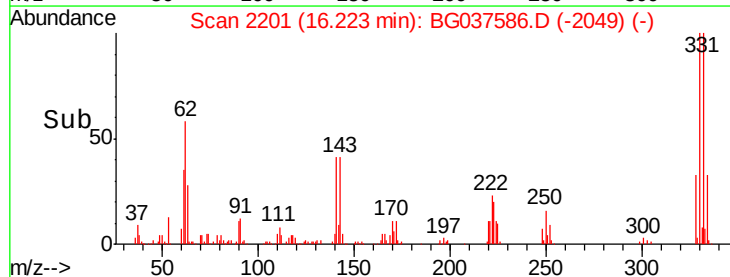
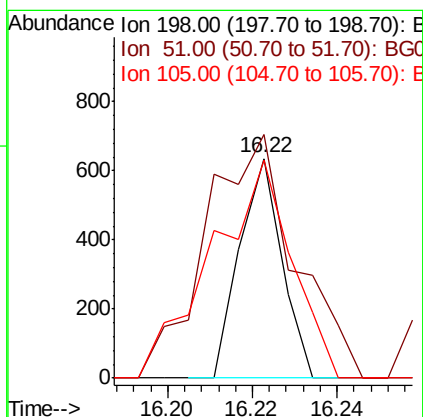
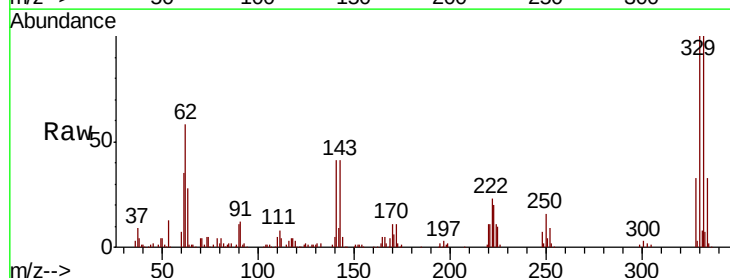
Instrument :
BNA_G
ClientSampleId :
DL-02B

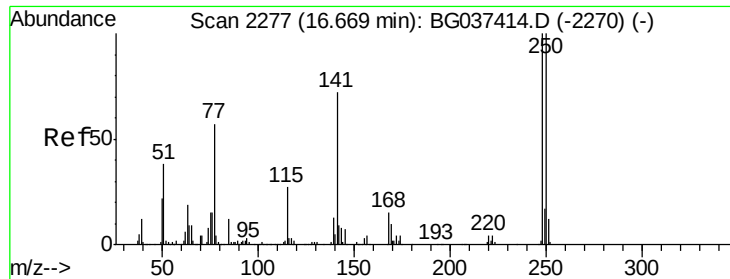
Tot Ion:188 Resp: 383080
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 10.7 7.7 11.5



#65
4,6-Dinitro-2-methylphenol
Concen: 8.688 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.36 min
Lab File: BG037586.D
Acq: 26 Oct 2018 18:30

Tgt Ion:198 Resp: 441
Ion Ratio Lower Upper
198 100
51 31.5 22.7 62.7
105 28.2 19.7 59.7

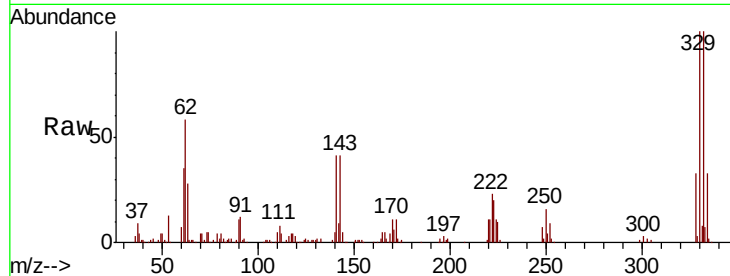




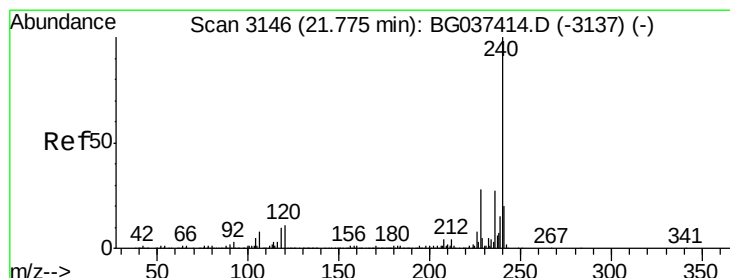
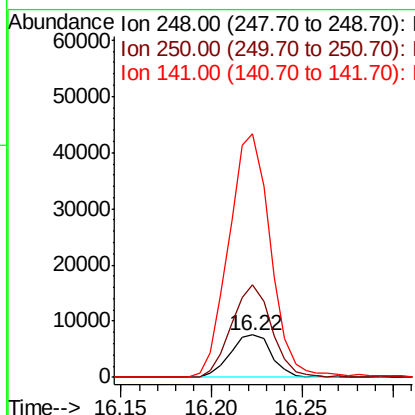
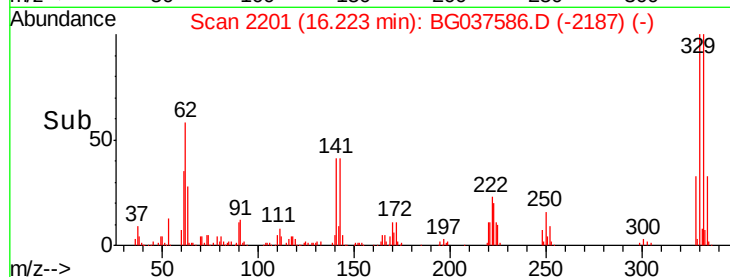
#67
 4-Bromophenyl-phenylether
 Concen: 2.888 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037586.D
 Acq: 26 Oct 2018 18:30

Instrument :
 BNA_G
 ClientSampleId :
 DL-02B

Tot Ion:248 Resp: 12149
 Ion Ratio Lower Upper
 248 100
 250 212.0 77.0 115.6#
 141 441.0 55.5 83.3#

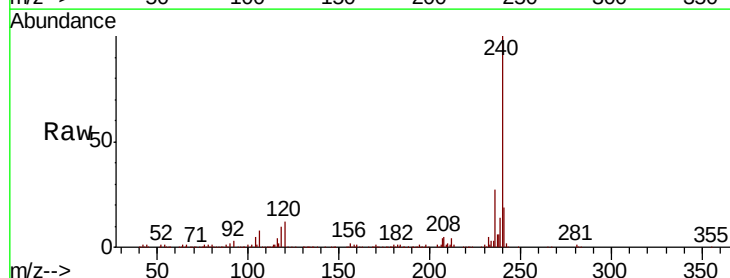


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

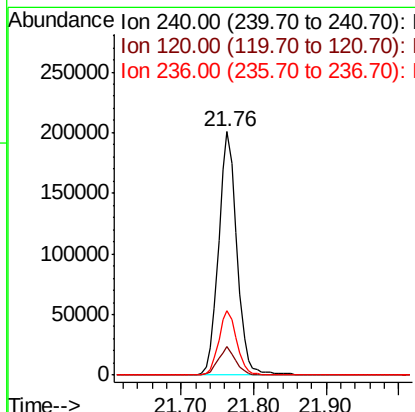
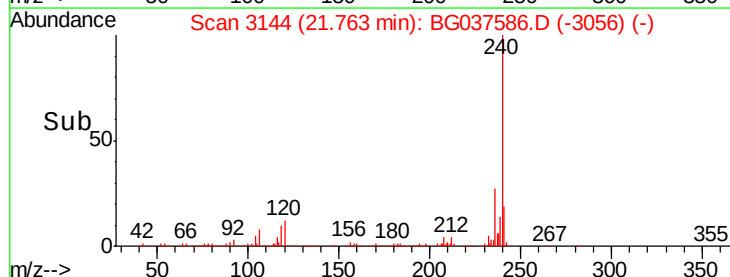


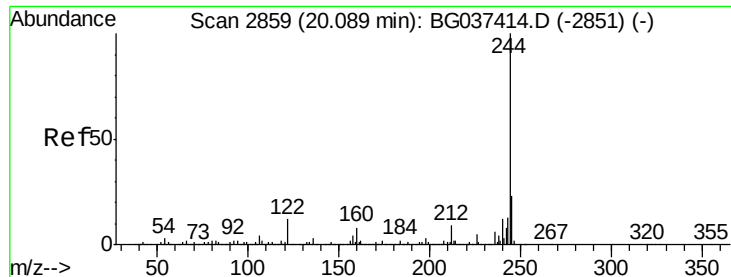
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG037586.D
 Acq: 26 Oct 2018 18:30

Tgt Ion:240 Resp: 352743
 Ion Ratio Lower Upper
 240 100
 120 11.8 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: 62.222 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037586.D

Acq: 26 Oct 2018 18:30

Instrument :

BNA_G

ClientSampleId :

DL-02B

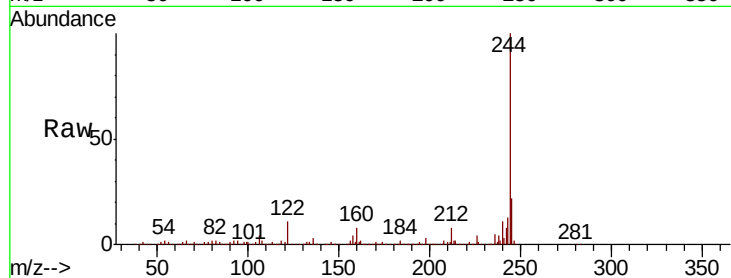
Tot Ion:244 Resp: 1027176

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

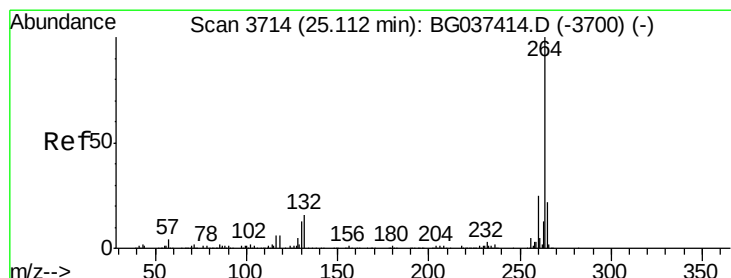
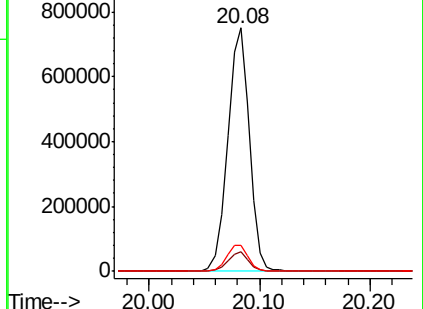
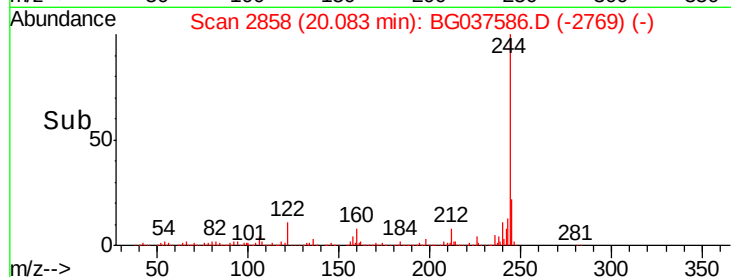
122 10.8 9.0 13.4



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: BG037586.D

Acq: 26 Oct 2018 18:30

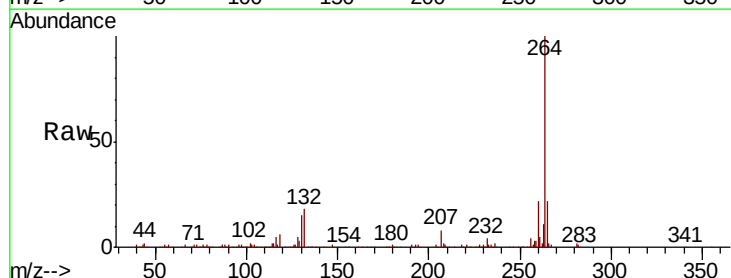
Tgt Ion:264 Resp: 346219

Ion Ratio Lower Upper

264 100

260 21.8 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

