

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
 Data File : BG037584.D
 Acq On : 26 Oct 2018 17:11
 Operator : JU/SJ
 Sample : J5649-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DL-04B

Quant Time: Oct 27 03:39:46 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

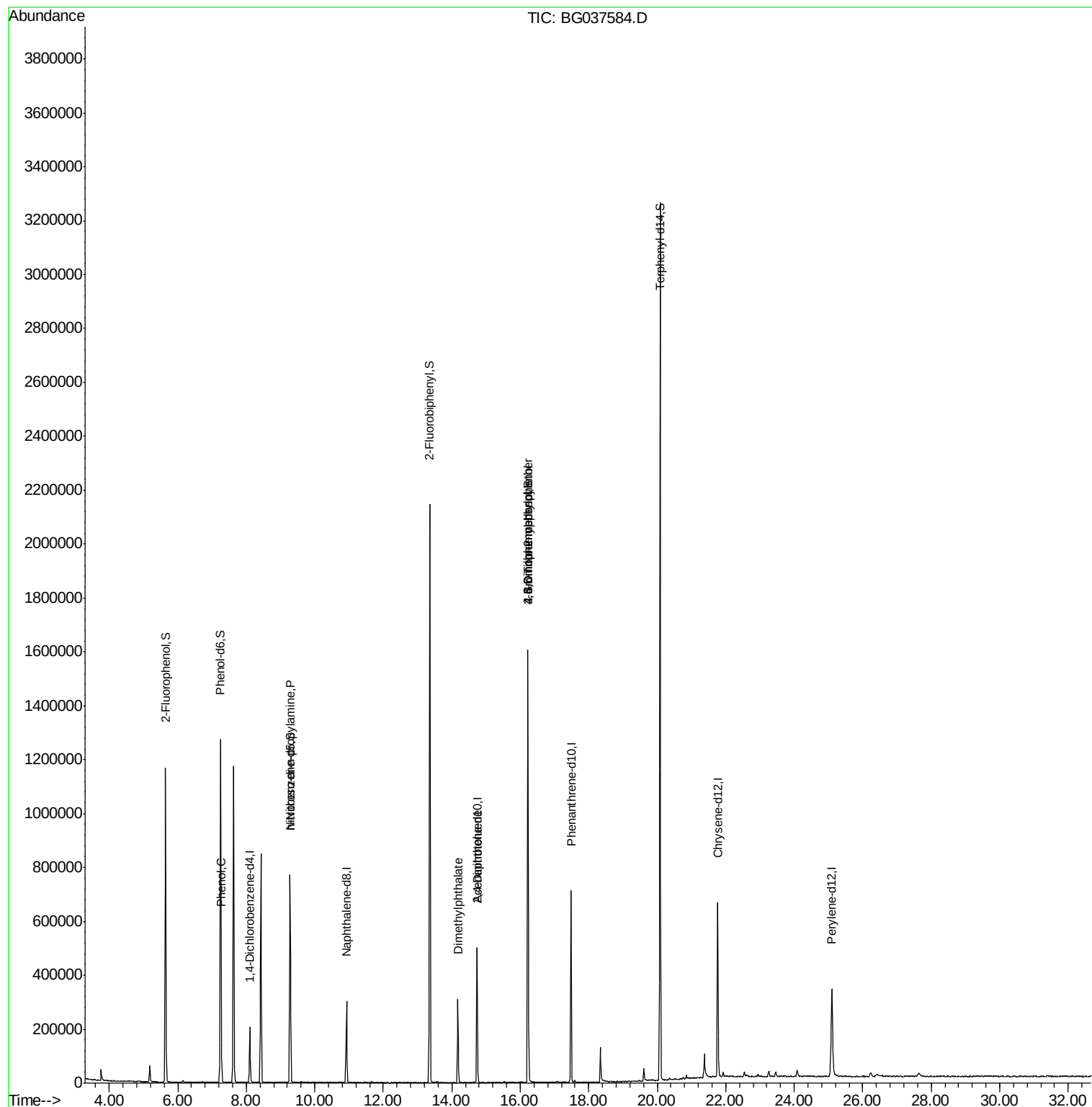
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	60880	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	276965	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	184700	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	448344	20.00	ng	0.00
76) Chrysene-d12	21.77	240	403223	20.00	ng	0.00
87) Perylene-d12	25.10	264	391688	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	541401	148.68	ng	0.00
7) Phenol-d6	7.25	99	806344	146.44	ng	0.00
23) Nitrobenzene-d5	9.28	82	486744	98.45	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	296333	147.10	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1140966	93.15	ng	0.00
79) Terphenyl-d14	20.08	244	1580038	83.73	ng	0.00
Target Compounds						
10) Phenol	7.27	94	60493	10.412	ng	94
19) n-Nitroso-di-n-propylamine	9.28	70	62009	16.354	ng	# 71
50) Dimethylphthalate	14.18	163	219254	15.345	ng	99
57) 2,4-Dinitrotoluene	14.73	165	22158	5.340	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.23	198	1117	8.898	ng	# 71
67) 4-Bromophenyl-phenylether	16.23	248	22064	4.481	ng	# 1

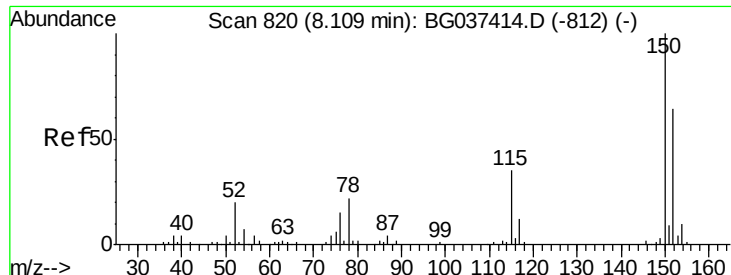
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.11 min Scan# 820

Delta R.T. -0.00 min

Lab File: BG037584.D

Acq: 26 Oct 2018 17:11

Instrument :

BNA_G

ClientSampleId :

DL-04B

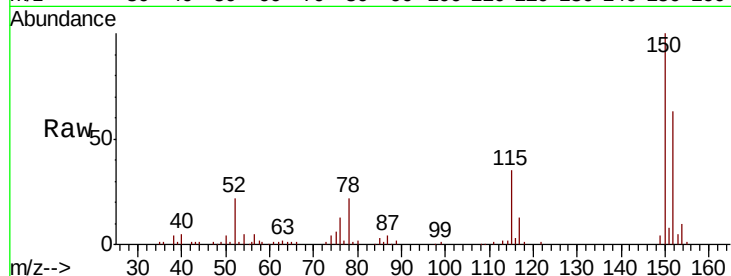
Tot Ion:152 Resp: 60880

Ion Ratio Lower Upper

152 100

150 159.1 126.0 189.0

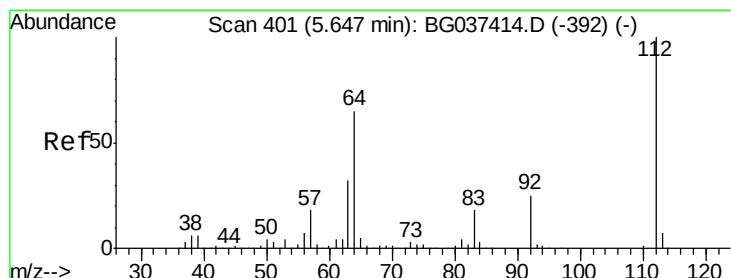
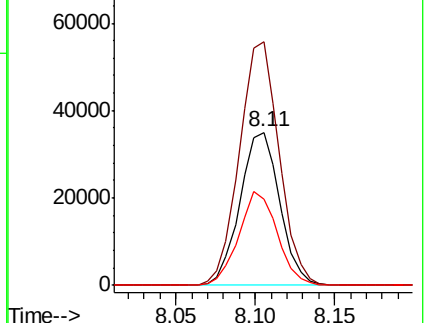
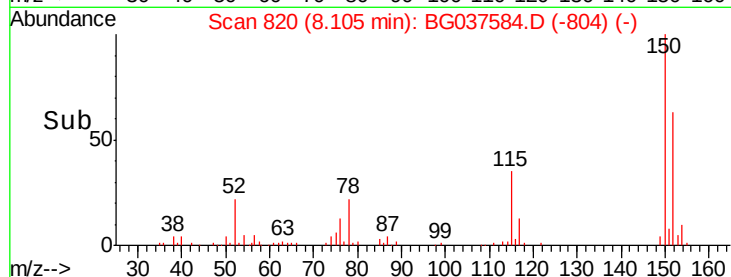
115 55.9 45.5 68.3



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: 148.677 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037584.D

Acq: 26 Oct 2018 17:11

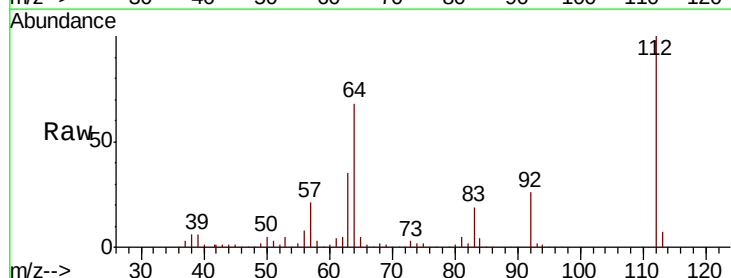
Tgt Ion:112 Resp: 541401

Ion Ratio Lower Upper

112 100

64 67.9 53.1 79.7

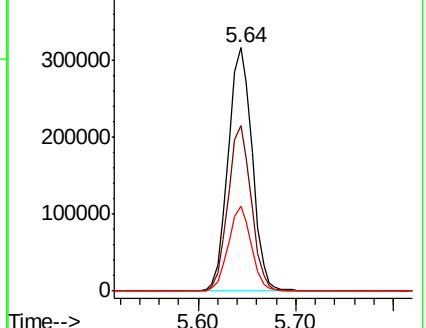
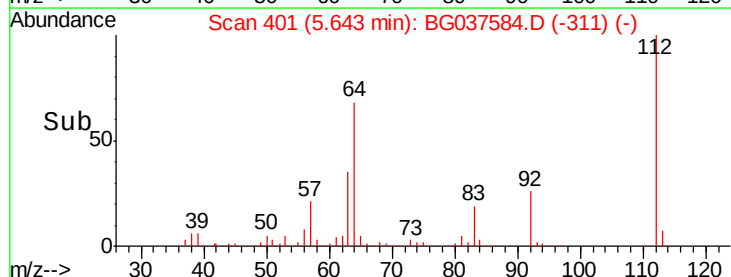
63 34.7 27.3 40.9

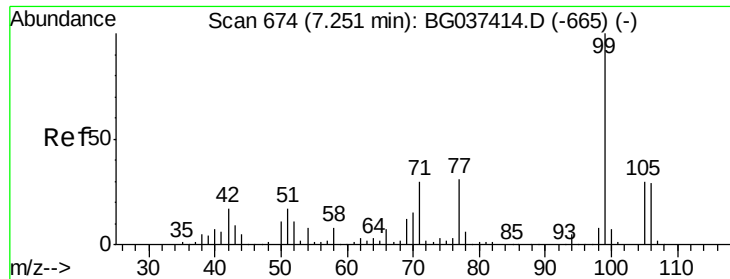


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 146.439 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037584.D

Acq: 26 Oct 2018 17:11

Instrument :

BNA_G

ClientSampleID :

DL-04B

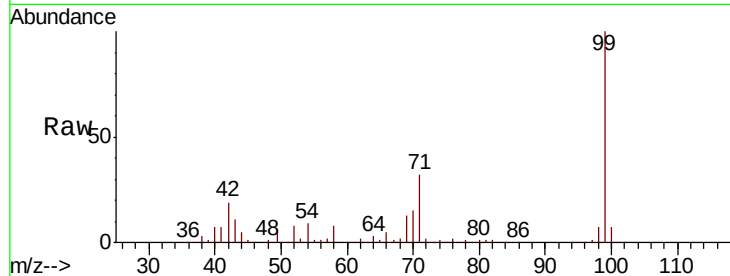
Tot Ion: 99 Resp: 806344

Ion Ratio Lower Upper

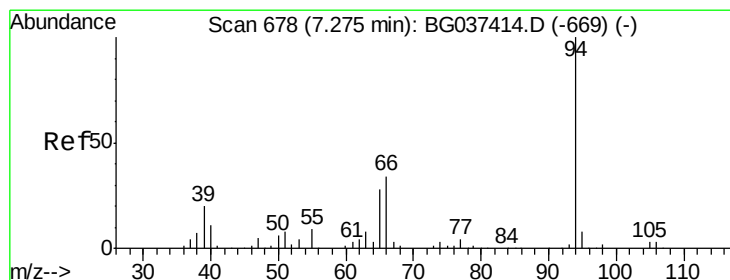
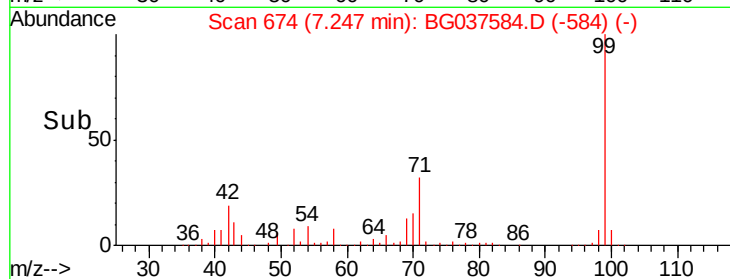
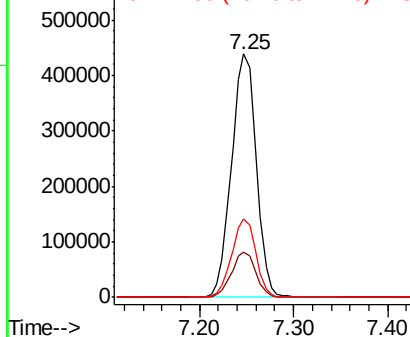
99 100

42 18.6 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: 10.412 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037584.D

Acq: 26 Oct 2018 17:11

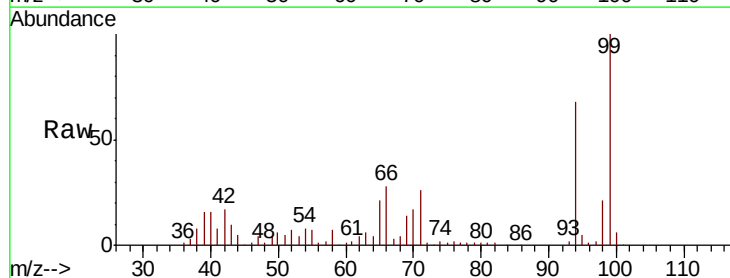
Tgt Ion: 94 Resp: 60493

Ion Ratio Lower Upper

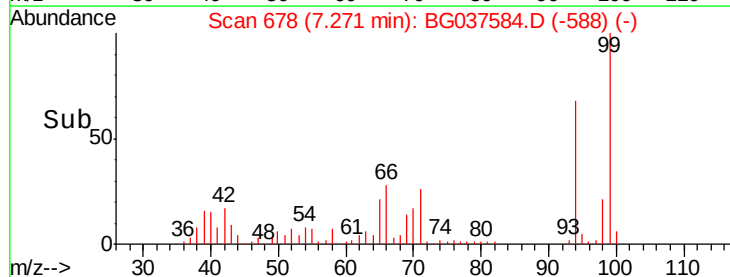
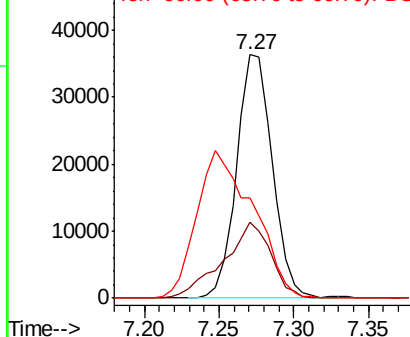
94 100

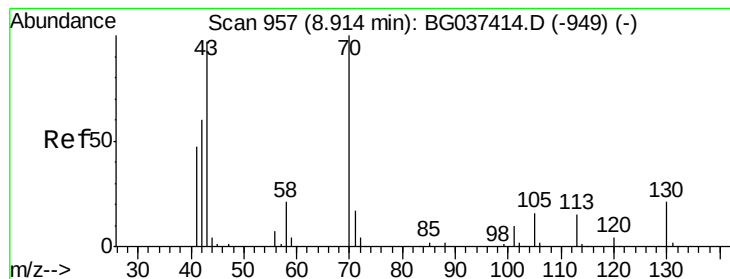
65 31.1 9.7 49.7

66 41.1 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: 16.354 ng

RT: 9.28 min Scan# 1020

Delta R.T. 0.37 min

Lab File: BG037584.D

Acq: 26 Oct 2018 17:11

Instrument :

BNA_G

ClientSampled :

DL-04B

Tot Ion: 70 Resp: 62009

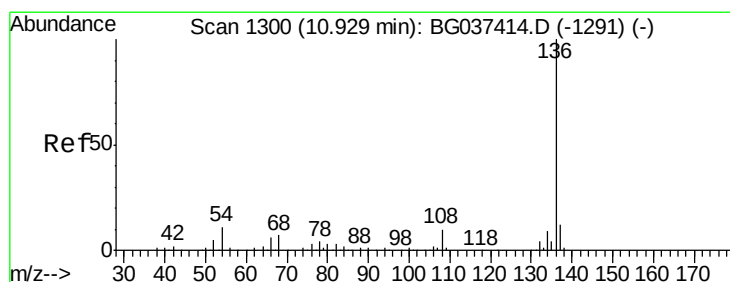
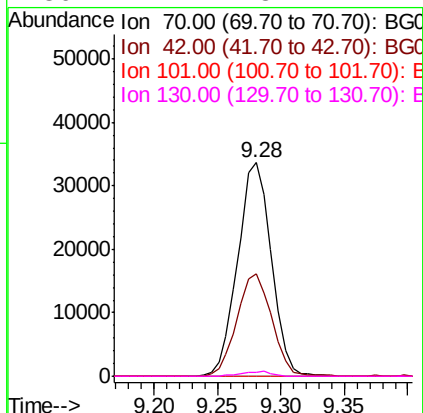
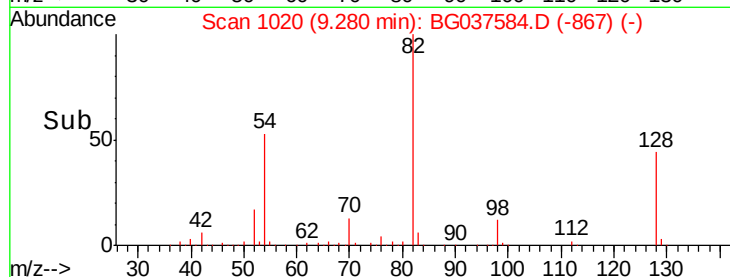
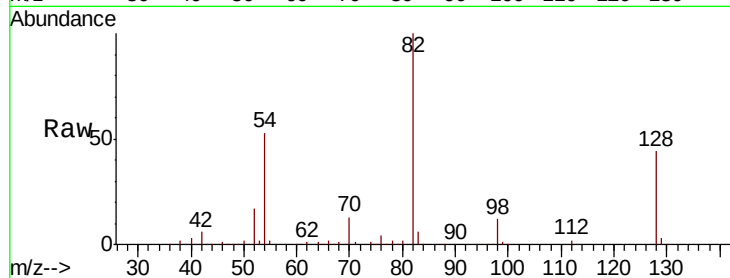
Ion Ratio Lower Upper

70 100

42 48.1 53.9 80.9#

101 0.0 8.2 12.2#

130 1.7 18.2 27.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG037584.D

Acq: 26 Oct 2018 17:11

Tgt Ion: 136 Resp: 276965

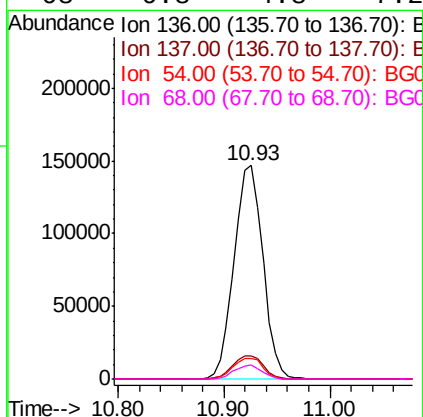
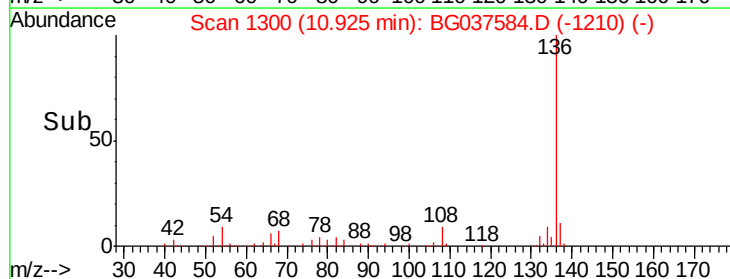
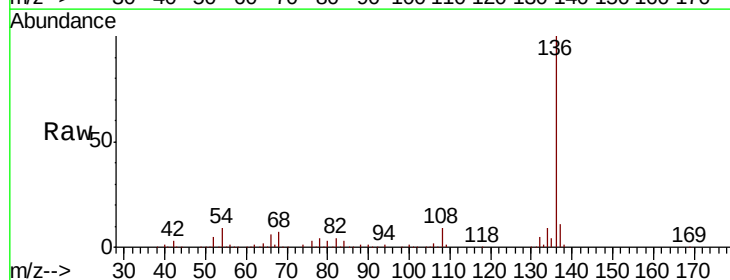
Ion Ratio Lower Upper

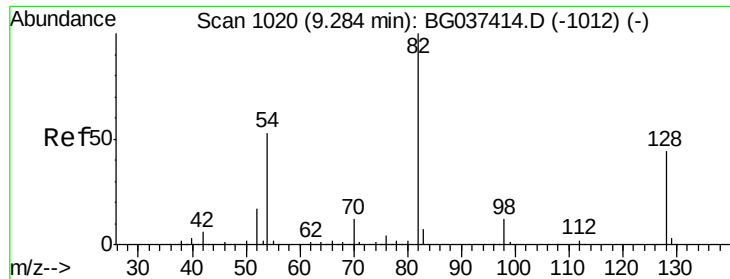
136 100

137 11.0 9.6 14.4

54 9.5 7.9 11.9

68 6.8 4.8 7.2

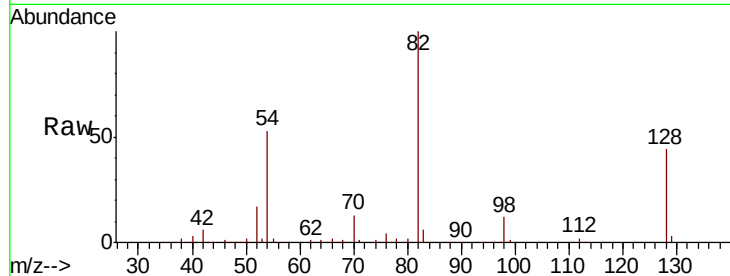




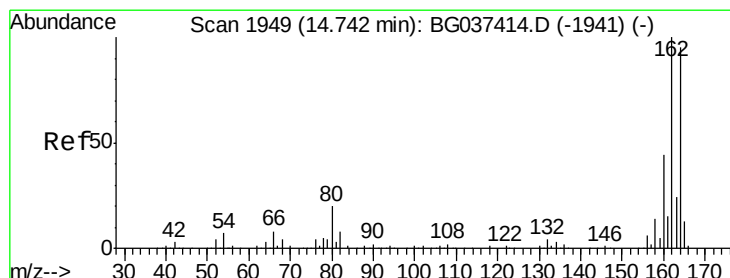
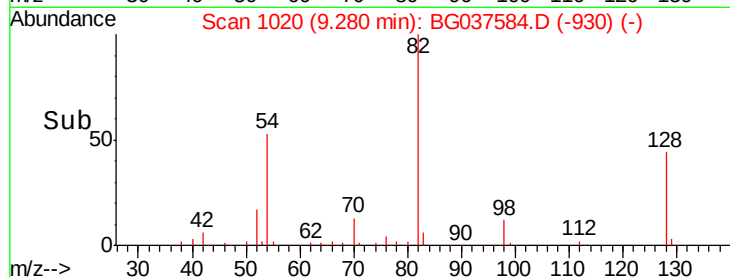
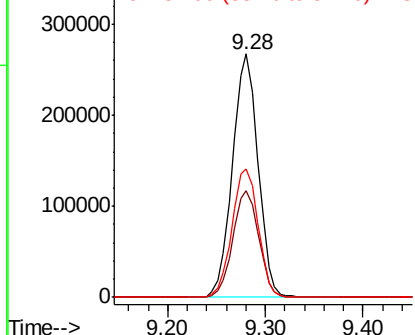
#23
Nitrobenzene-d5
Concen: 98.449 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037584.D
Acq: 26 Oct 2018 17:11

Instrument :
BNA_G
ClientSampleId :
DL-04B

Tot Ion: 82 Resp: 486744
Ion Ratio Lower Upper
82 100
128 43.5 34.6 51.8
54 52.7 45.3 67.9

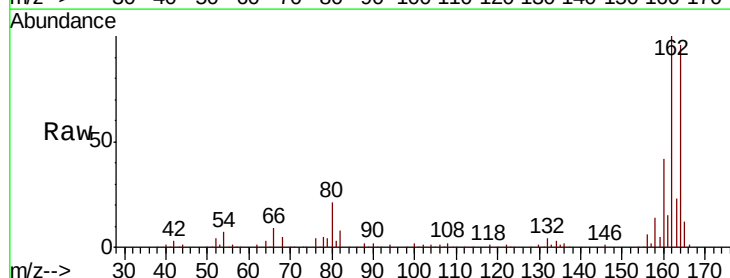


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

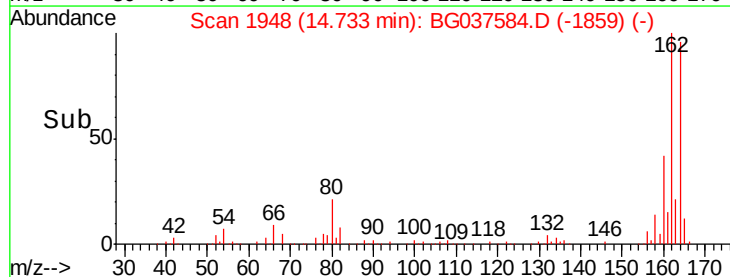
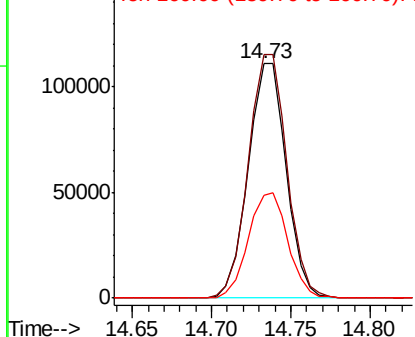


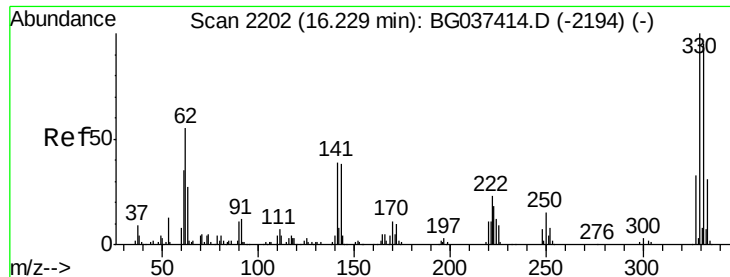
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037584.D
Acq: 26 Oct 2018 17:11

Tgt Ion:164 Resp: 184700
Ion Ratio Lower Upper
164 100
162 103.7 81.3 121.9
160 43.7 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: 147.100 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037584.D

Acq: 26 Oct 2018 17:11

Instrument :

BNA_G

ClientSampled :

DL-04B

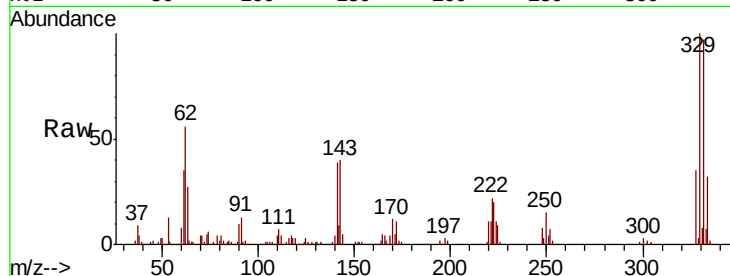
Tot Ion:330 Resp: 296333

Ion Ratio Lower Upper

330 100

332 95.9 78.4 117.6

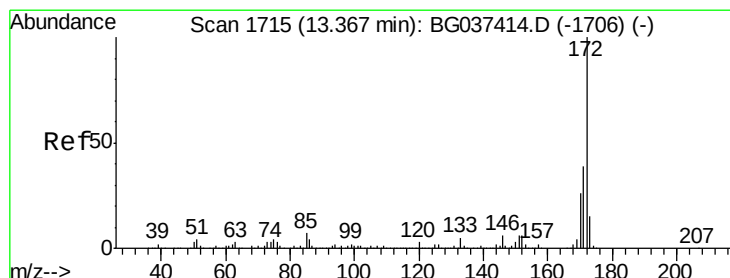
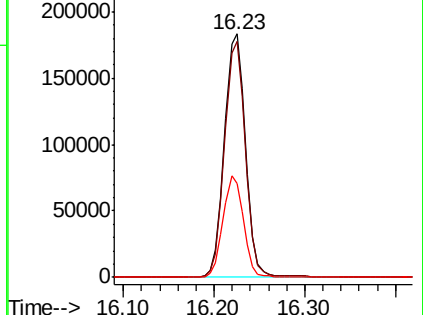
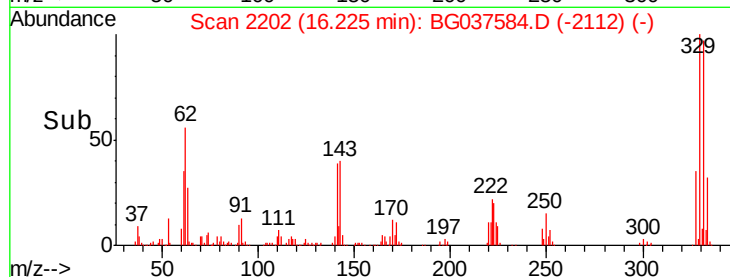
141 40.4 32.2 48.2



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: 93.152 ng

RT: 13.36 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG037584.D

Acq: 26 Oct 2018 17:11

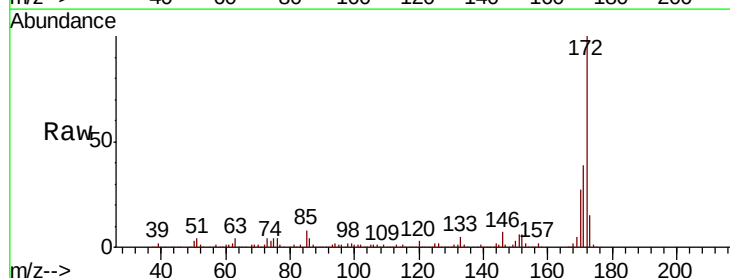
Tgt Ion:172 Resp: 1140966

Ion Ratio Lower Upper

172 100

171 39.0 31.0 46.4

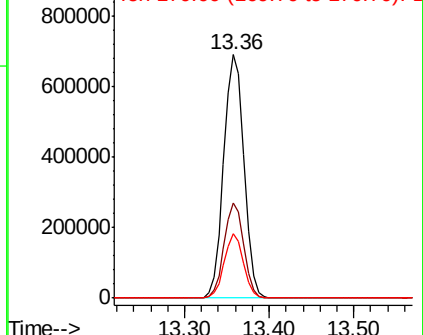
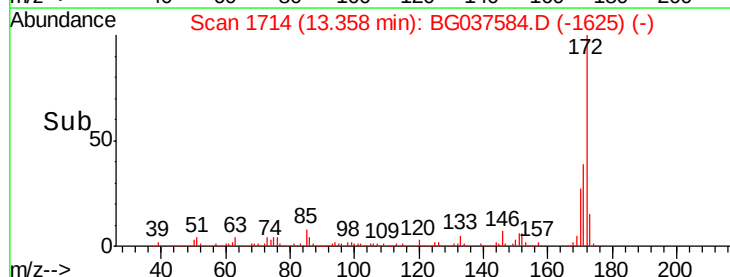
170 26.6 20.2 30.2

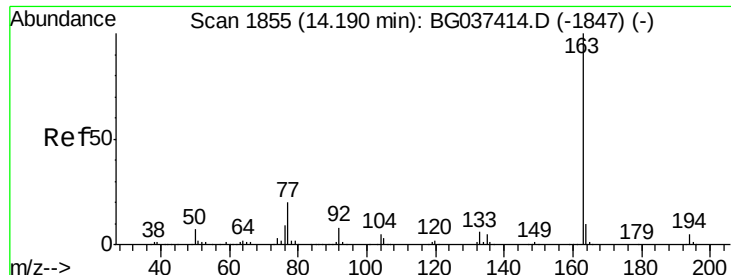


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

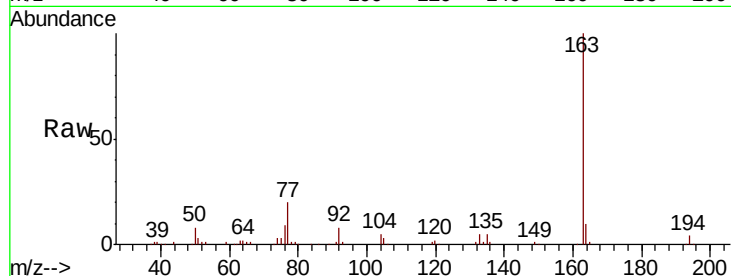




#50
Dimethylphthalate
Concen: 15.345 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BG037584.D
Acq: 26 Oct 2018 17:11

Instrument :
BNA_G
ClientSampleId :
DL-04B

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	10.1	8.5	12.7

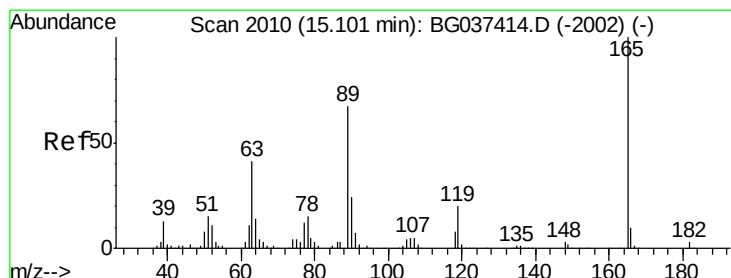
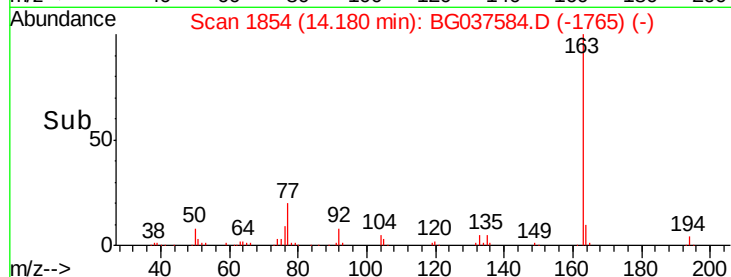
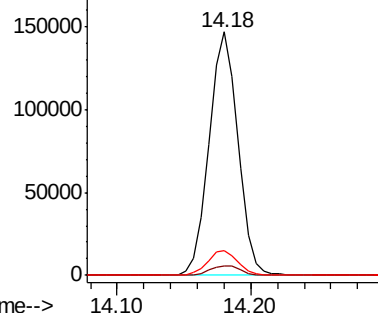


Abundance

Ion 163.00 (162.70 to 163.70): E

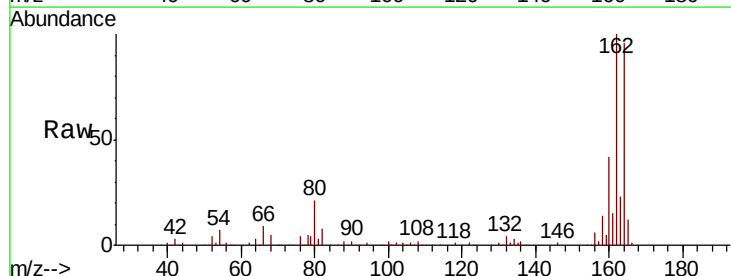
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57
2,4-Dinitrotoluene
Concen: 5.340 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.37 min
Lab File: BG037584.D
Acq: 26 Oct 2018 17:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	1.6	57.2	85.8#
182	0.0	2.6	4.0#



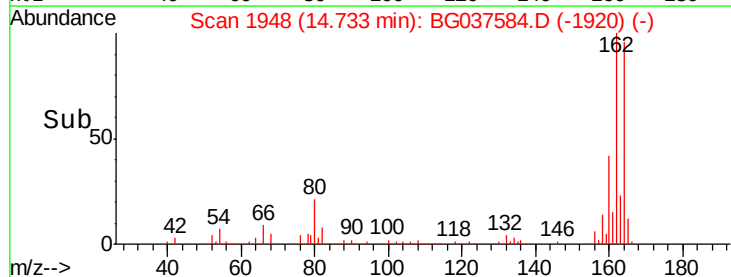
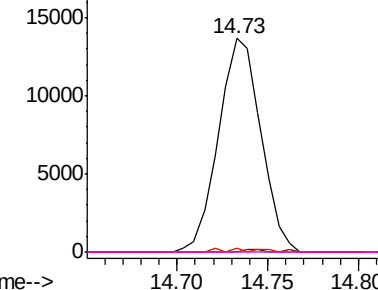
Abundance

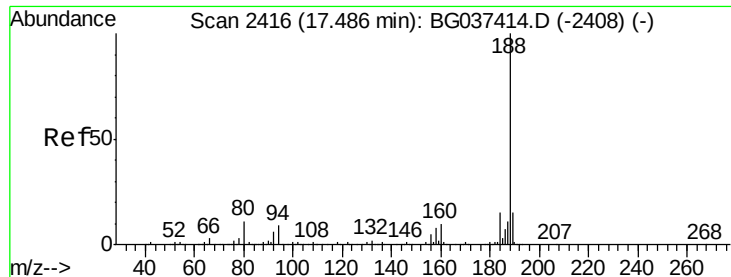
Ion 165.00 (164.70 to 165.70): E

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# 2416

Delta R.T. -0.00 min

Lab File: BG037584.D

Acq: 26 Oct 2018 17:11

Instrument :

BNA_G

ClientSampleId :

DL-04B

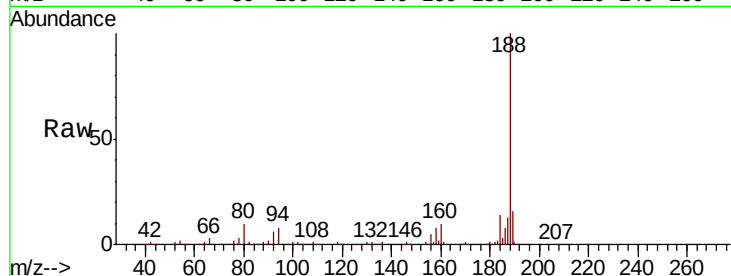
Tot Ion:188 Resp: 448344

Ion Ratio Lower Upper

188 100

94 8.2 7.2 10.8

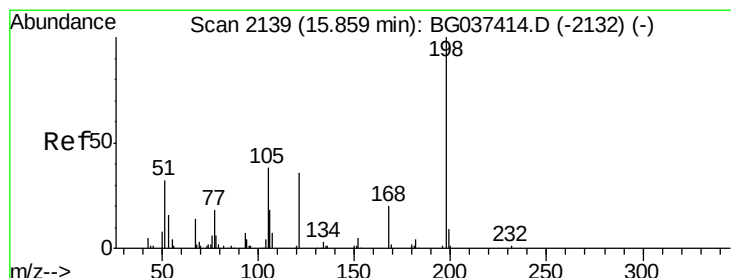
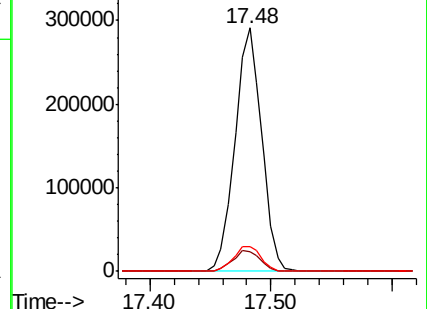
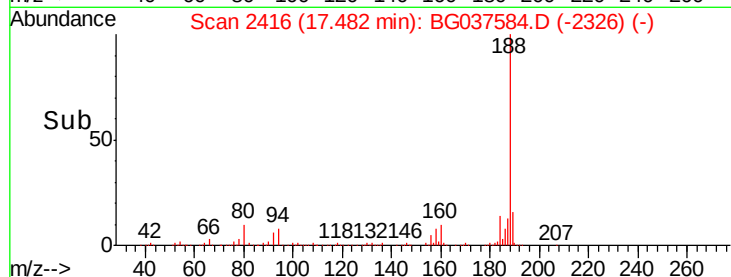
80 10.3 7.7 11.5



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: 8.898 ng

RT: 16.23 min Scan# 2202

Delta R.T. 0.37 min

Lab File: BG037584.D

Acq: 26 Oct 2018 17:11

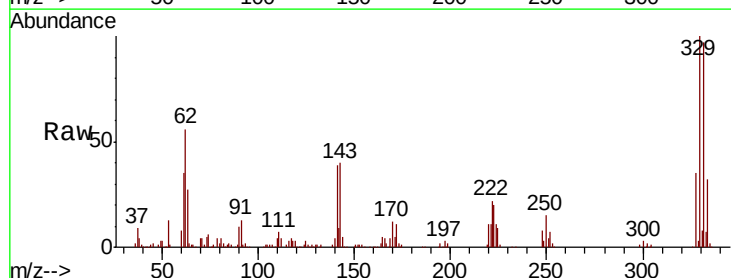
Tgt Ion:198 Resp: 1117

Ion Ratio Lower Upper

198 100

51 20.9 22.7 62.7#

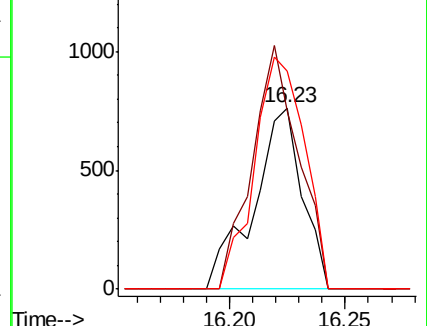
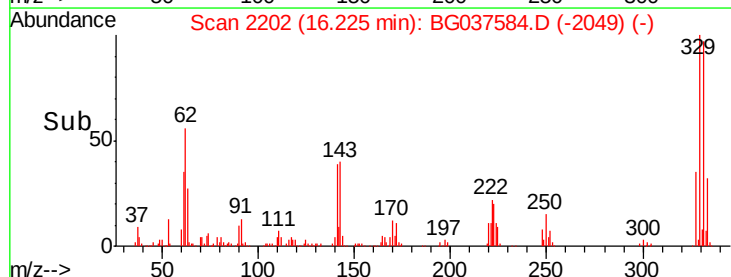
105 25.6 19.7 59.7

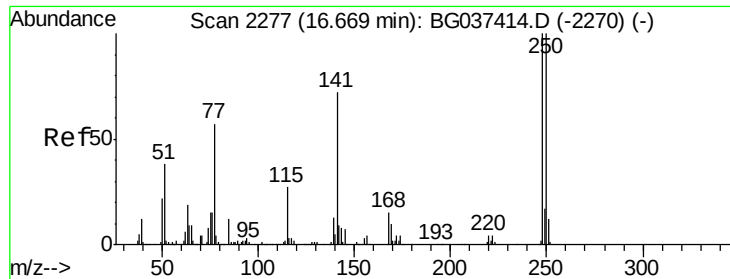


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

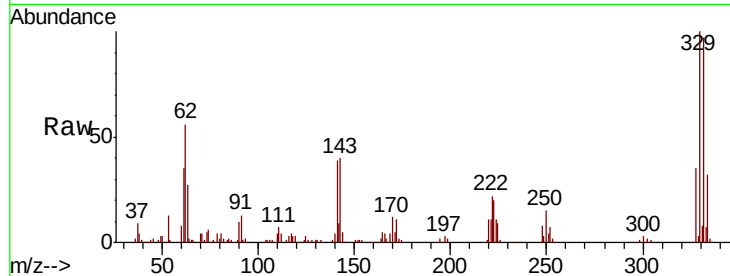




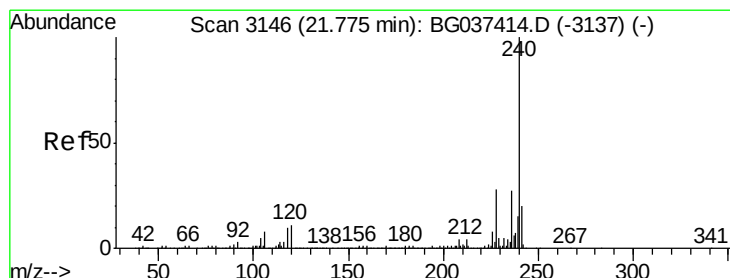
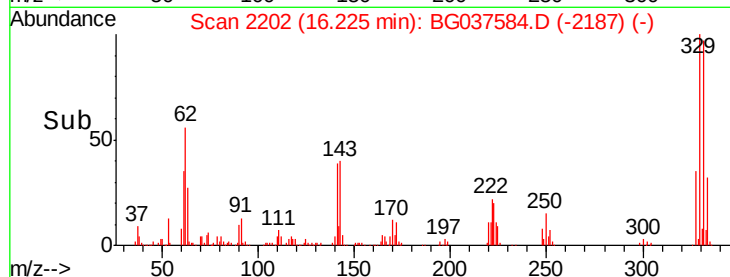
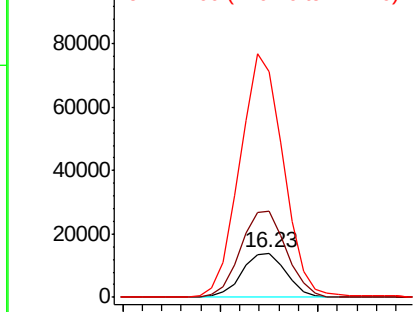
#67
 4-Bromophenyl-phenylether
 Concen: 4.481 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.44 min
 Lab File: BG037584.D
 Acq: 26 Oct 2018 17:11

Instrument :
 BNA_G
 ClientSampled :
 DL-04B

Tot Ion:248 Resp: 22064
 Ion Ratio Lower Upper
 248 100
 250 190.0 77.0 115.6#
 141 381.1 55.5 83.3#

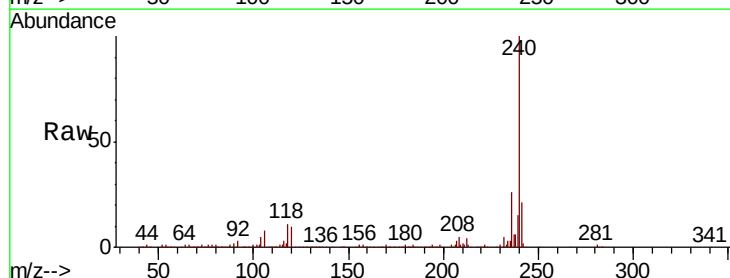


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

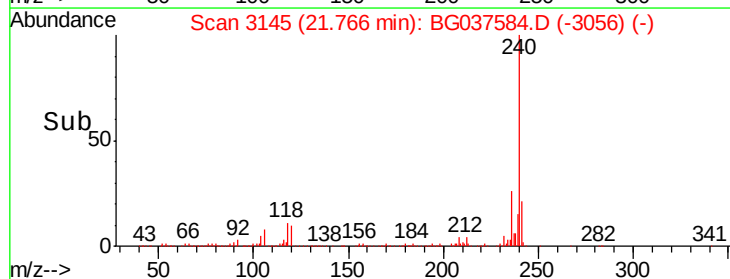
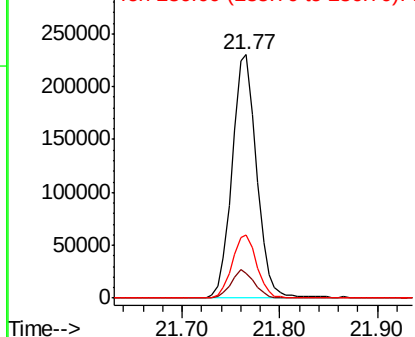


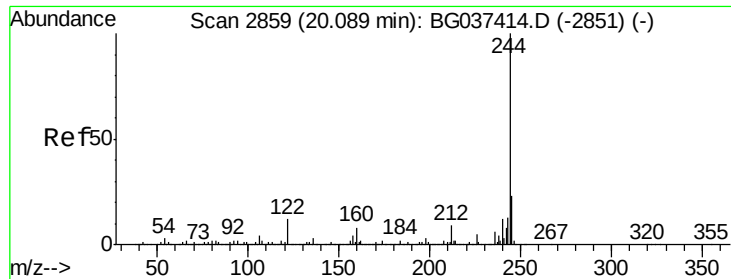
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037584.D
 Acq: 26 Oct 2018 17:11

Tgt Ion:240 Resp: 403223
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.1 12.1
 236 25.7 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: 83.730 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037584.D

Acq: 26 Oct 2018 17:11

Instrument :

BNA_G

ClientSampled :

DL-04B

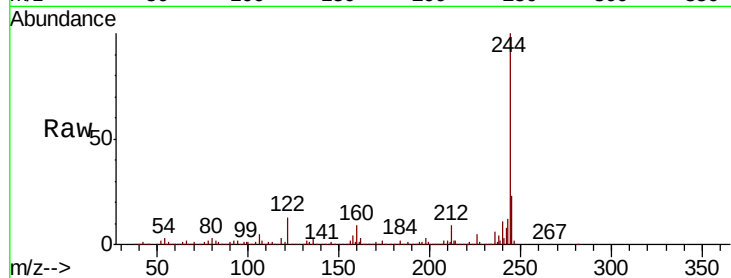
Tot Ion:244 Resp: 1580038

Ion Ratio Lower Upper

244 100

212 8.7 6.5 9.7

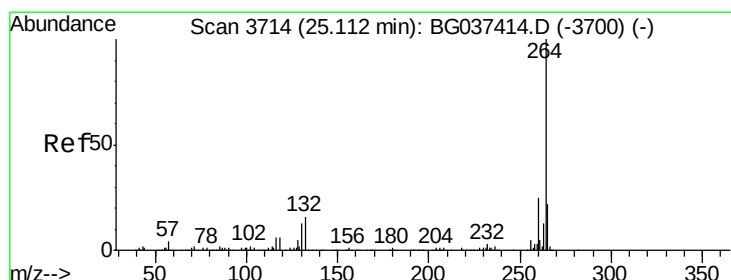
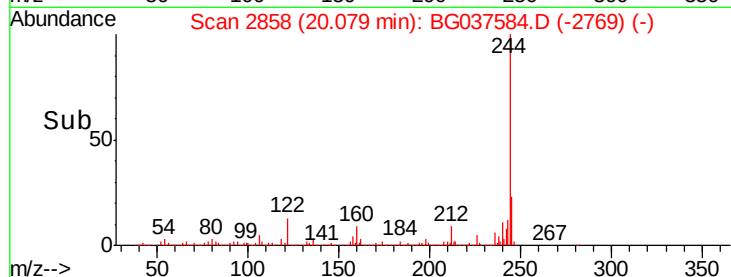
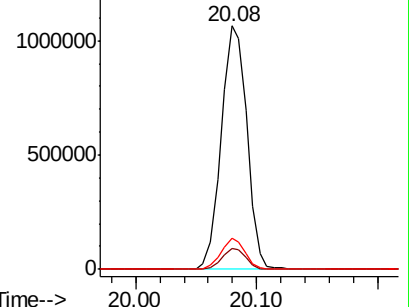
122 12.7 9.0 13.4



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: 25.10 min Scan# 3712

Delta R.T. -0.02 min

Lab File: BG037584.D

Acq: 26 Oct 2018 17:11

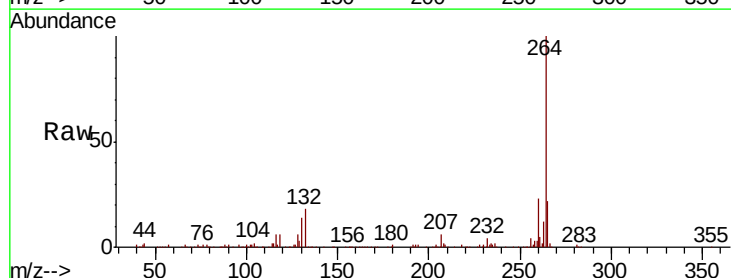
Tgt Ion:264 Resp: 391688

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.4

265 21.6 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

