

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG103018\
 Data File : BG037656.D
 Acq On : 30 Oct 2018 16:40
 Operator : JU/SJ
 Sample : J5718-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WS-CFA-111C

Quant Time: Oct 31 08:00:53 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

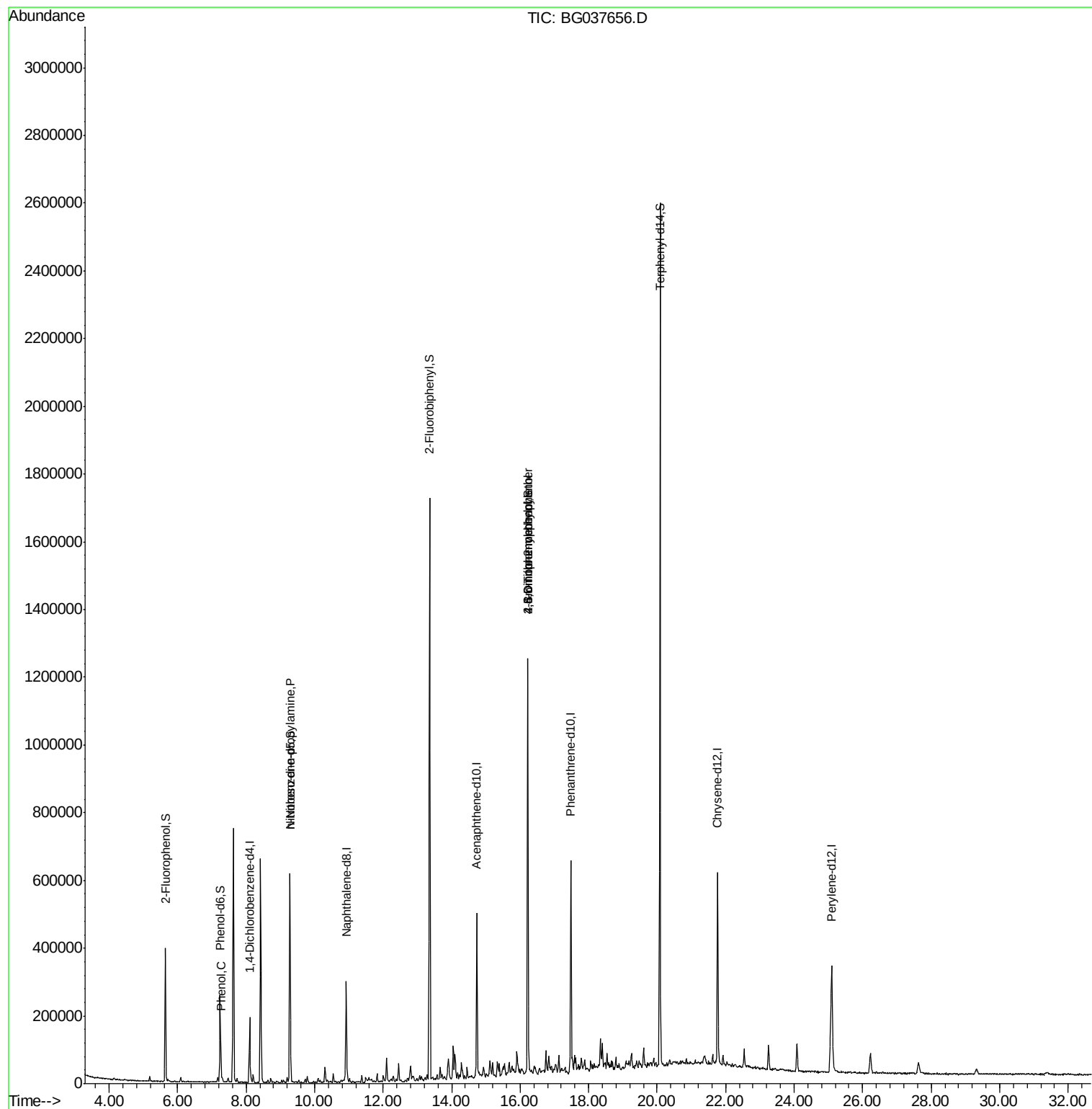
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	58902	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	266945	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	176426	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	401061	20.00	ng	0.00
76) Chrysene-d12	21.76	240	365615	20.00	ng	-0.01
87) Perylene-d12	25.10	264	368499	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	184555	52.38	ng	0.00
7) Phenol-d6	7.24	99	168367	31.60	ng	-0.01
23) Nitrobenzene-d5	9.28	82	383687	80.52	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	225466	117.17	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	921063	78.72	ng	-0.01
79) Terphenyl-d14	20.08	244	1230841	71.93	ng	0.00
Target Compounds						
10) Phenol	7.27	94	17151	3.051	ng	96
19) n-Nitroso-di-n-propylamine	9.28	70	48920	13.335	ng	# 72
65) 4,6-Dinitro-2-methylphenol	16.22	198	768	8.808	ng	93
67) 4-Bromophenyl-phenylether	16.22	248	15976	3.627	ng	# 1

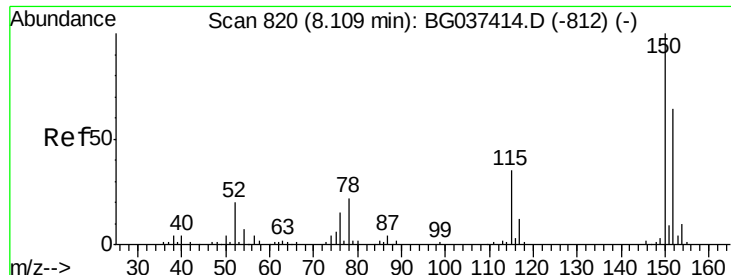
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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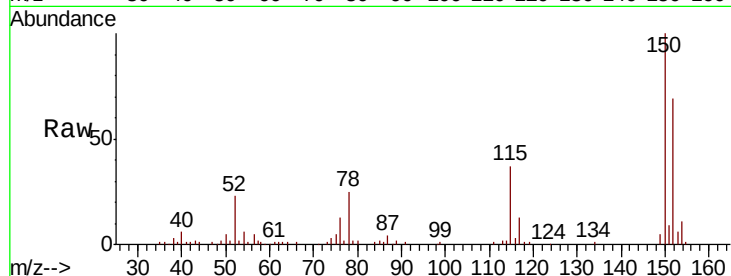


#1

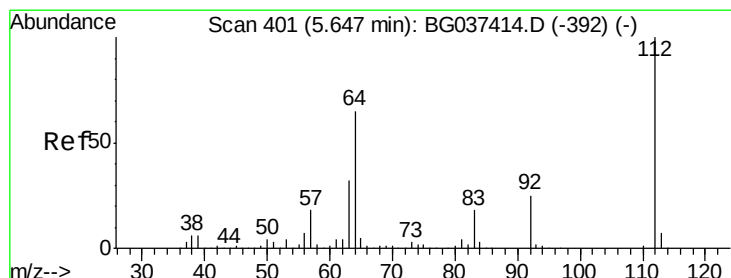
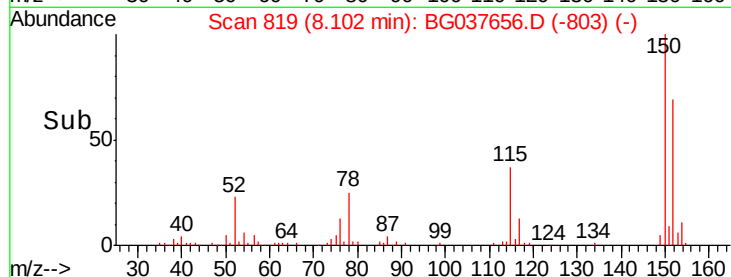
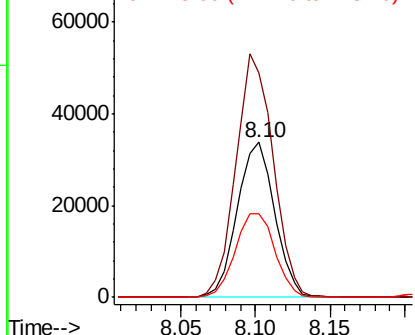
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037656.D
Acq: 30 Oct 2018 16:40

Instrument :
BNA_G
ClientSampleId :
WS-CFA-111C

Tgt Ion:152 Resp: 58902
Ion Ratio Lower Upper
152 100
150 144.6 126.0 189.0
115 54.2 45.5 68.3



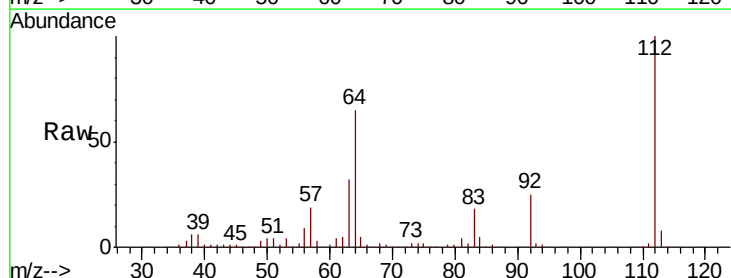
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



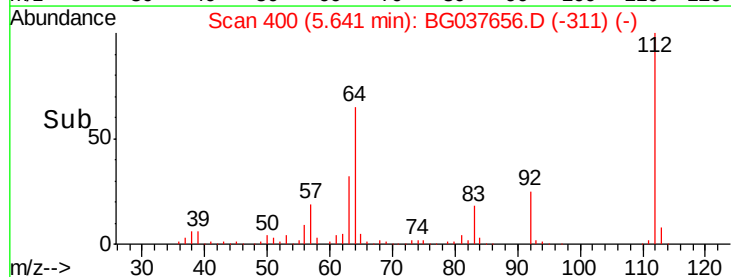
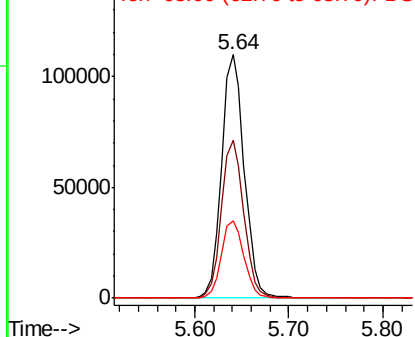
#5

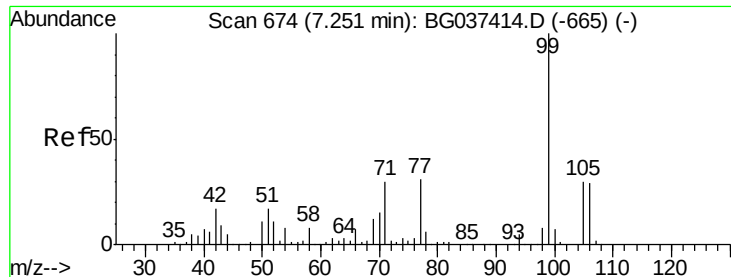
2-Fluorophenol
Concen: 52.383 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037656.D
Acq: 30 Oct 2018 16:40

Tgt Ion:112 Resp: 184555
Ion Ratio Lower Upper
112 100
64 65.1 53.1 79.7
63 31.8 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: 31.604 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037656.D

Acq: 30 Oct 2018 16:40

Instrument :

BNA_G

ClientSampleId :

WS-CFA-111C

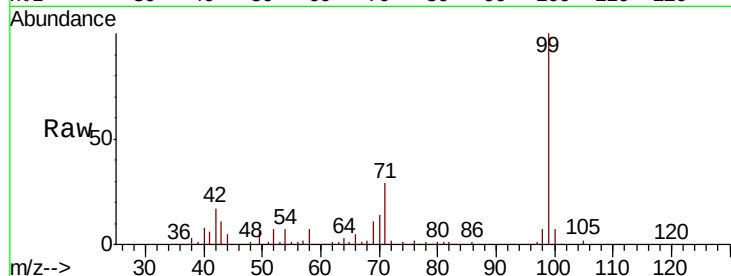
Tgt Ion: 99 Resp: 168367

Ion Ratio Lower Upper

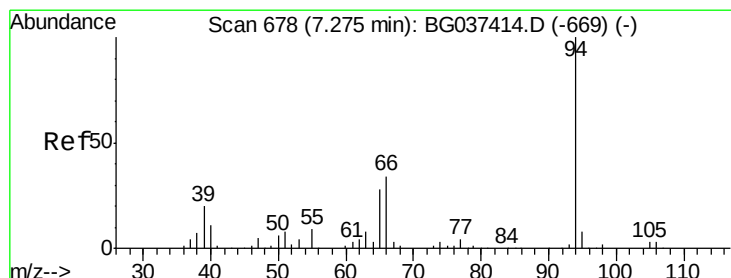
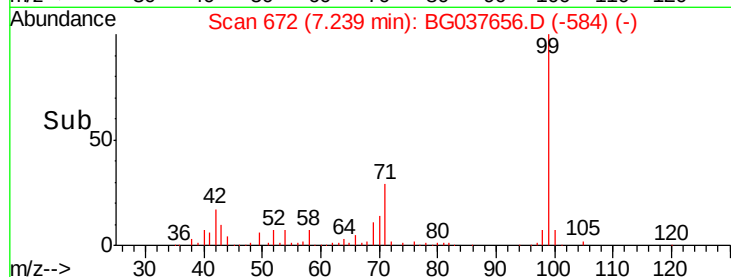
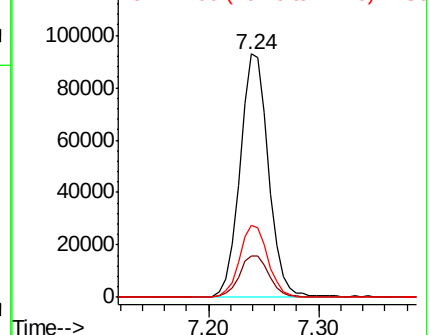
99 100

42 17.1 15.0 22.4

71 29.5 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: 3.051 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037656.D

Acq: 30 Oct 2018 16:40

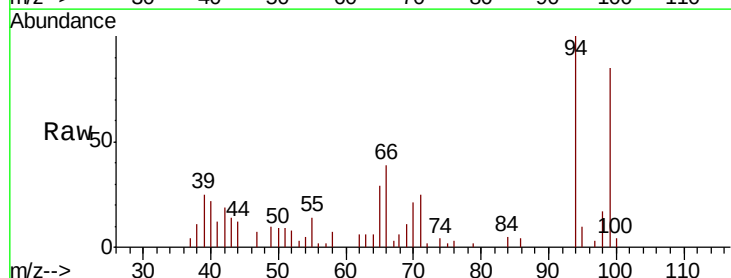
Tgt Ion: 94 Resp: 17151

Ion Ratio Lower Upper

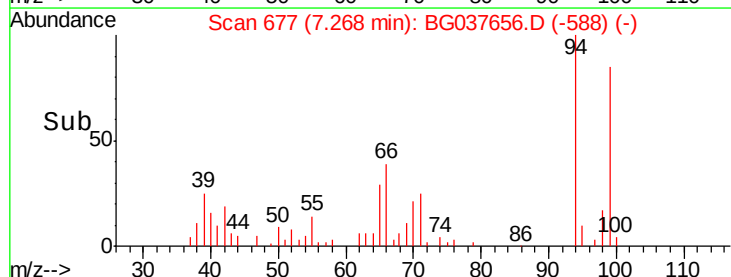
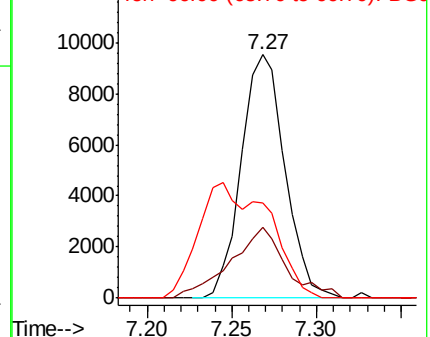
94 100

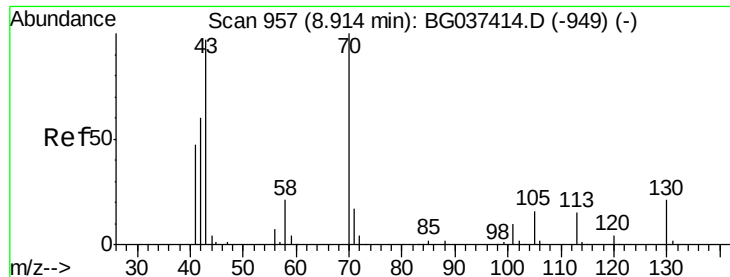
65 29.0 9.7 49.7

66 39.2 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: 13.335 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037656.D

Acq: 30 Oct 2018 16:40

Instrument :

BNA_G

ClientSampleId :

WS-CFA-111C

Tgt Ion: 70 Resp: 48920

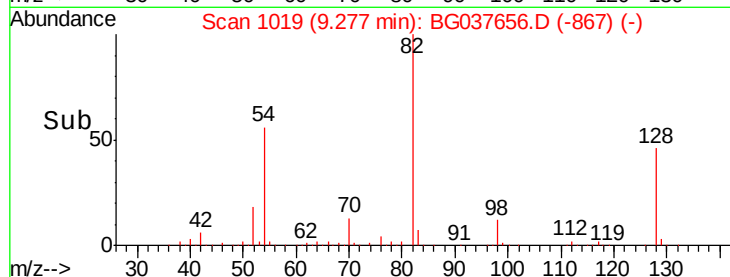
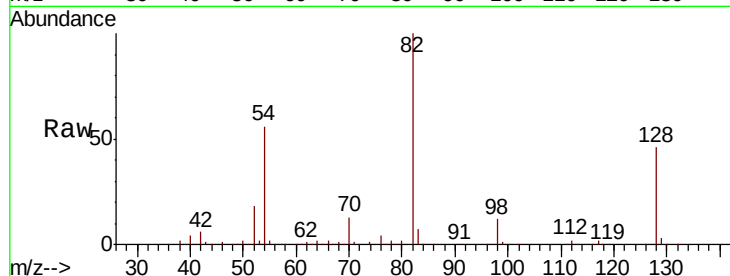
Ion Ratio Lower Upper

70 100

42 49.5 53.9 80.9#

101 0.0 8.2 12.2#

130 1.8 18.2 27.4#



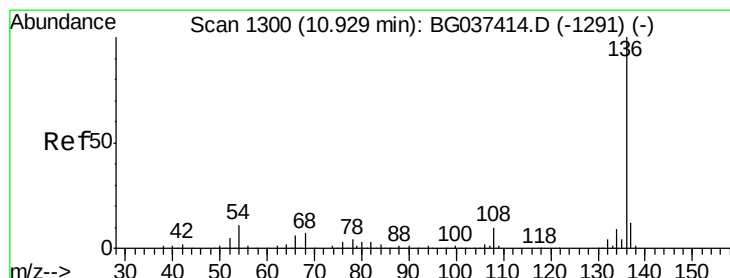
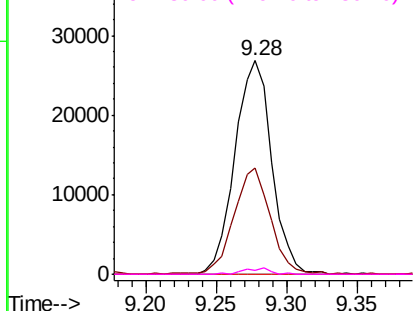
Abundance

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: 10.92 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG037656.D

Acq: 30 Oct 2018 16:40

Tgt Ion: 136 Resp: 266945

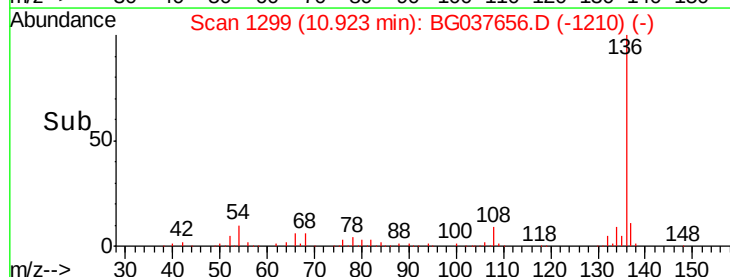
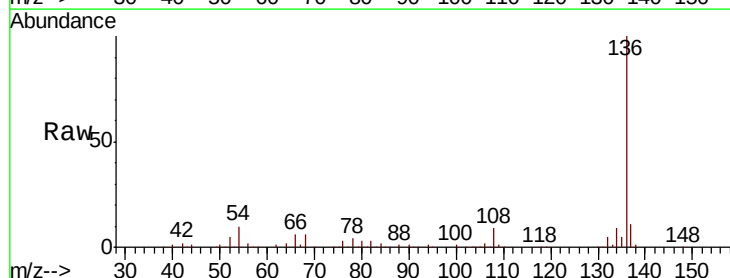
Ion Ratio Lower Upper

136 100

137 11.4 9.6 14.4

54 10.1 7.9 11.9

68 6.3 4.8 7.2



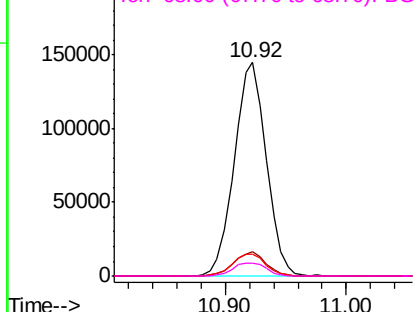
Abundance

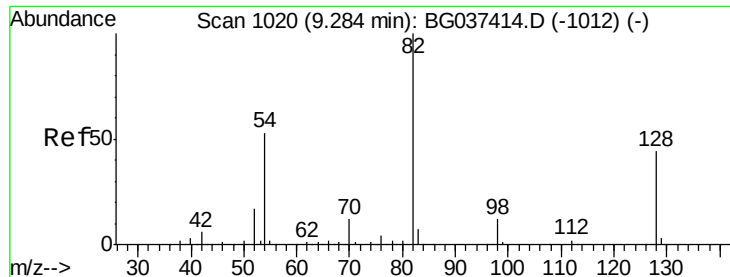
Ion 136.00 (135.70 to 136.70): BGC

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

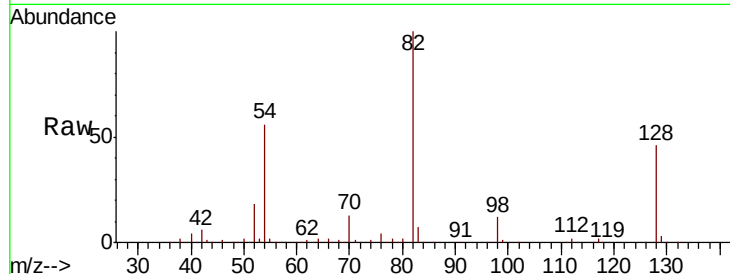




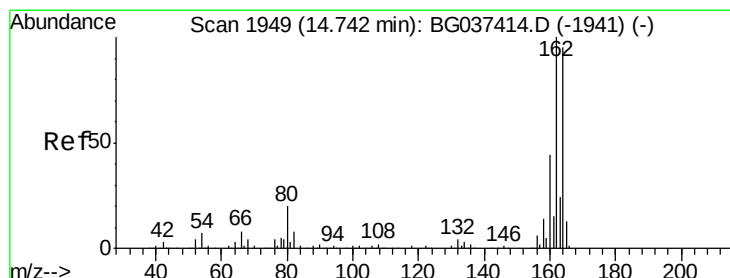
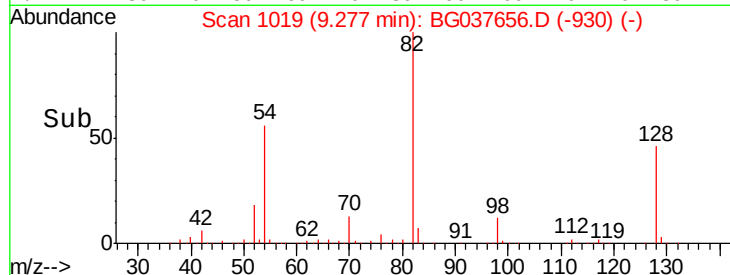
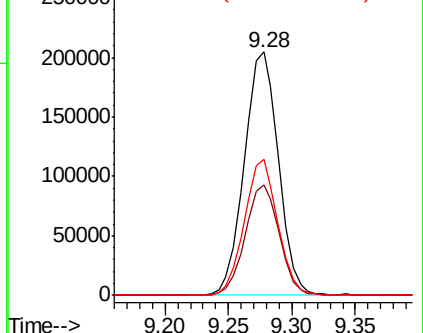
#23
 Nitrobenzene-d5
 Concen: 80.518 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037656.D
 Acq: 30 Oct 2018 16:40

Instrument :
 BNA_G
 ClientSampleId :
 WS-CFA-111C

Tgt Ion: 82 Resp: 383687
 Ion Ratio Lower Upper
 82 100
 128 45.6 34.6 51.8
 54 56.1 45.3 67.9

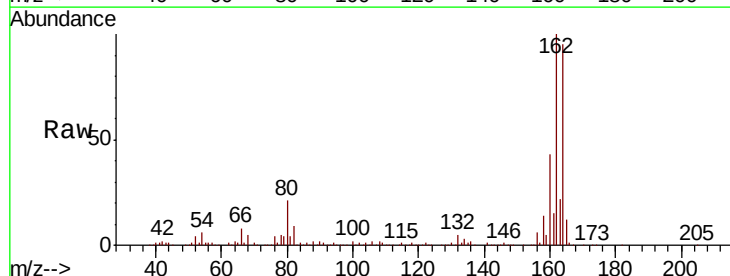


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

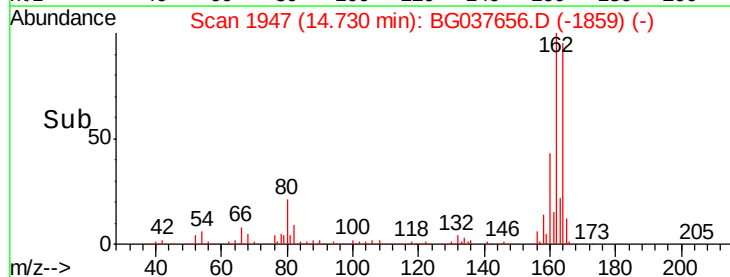
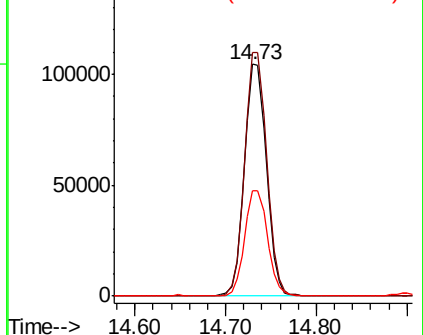


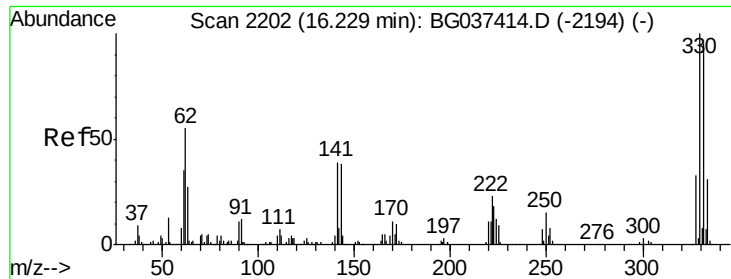
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BG037656.D
 Acq: 30 Oct 2018 16:40

Tgt Ion: 164 Resp: 176426
 Ion Ratio Lower Upper
 164 100
 162 104.9 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: 117.170 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037656.D

Acq: 30 Oct 2018 16:40

Instrument :

BNA_G

ClientSampleId :

WS-CFA-111C

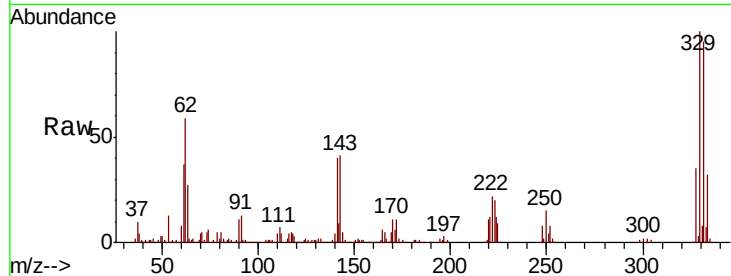
Tgt Ion:330 Resp: 225466

Ion Ratio Lower Upper

330 100

332 95.0 78.4 117.6

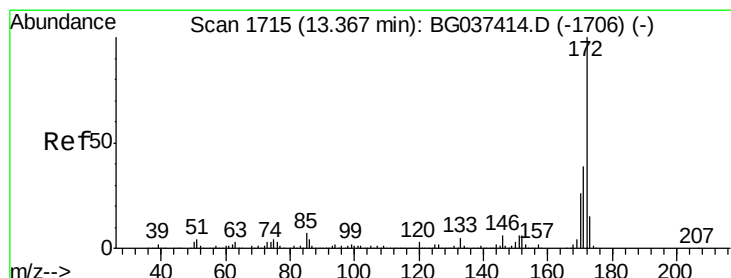
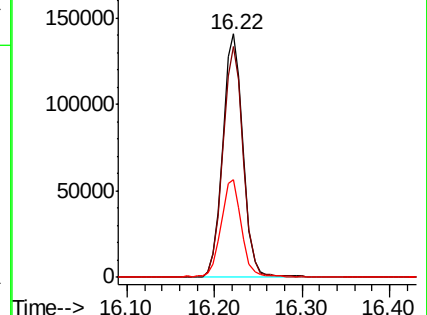
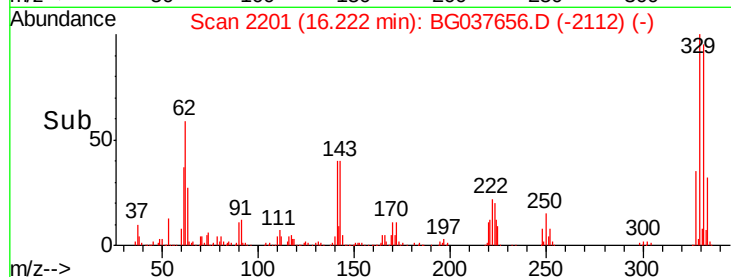
141 40.4 32.2 48.2



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: 78.725 ng

RT: 13.36 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BG037656.D

Acq: 30 Oct 2018 16:40

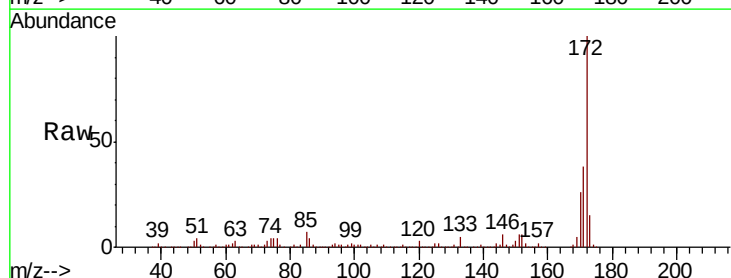
Tgt Ion:172 Resp: 921063

Ion Ratio Lower Upper

172 100

171 38.3 31.0 46.4

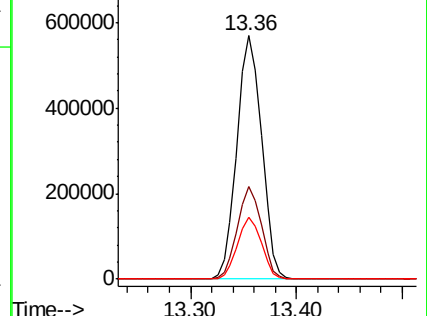
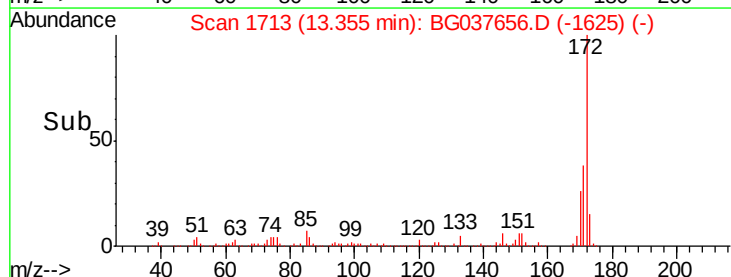
170 25.5 20.2 30.2

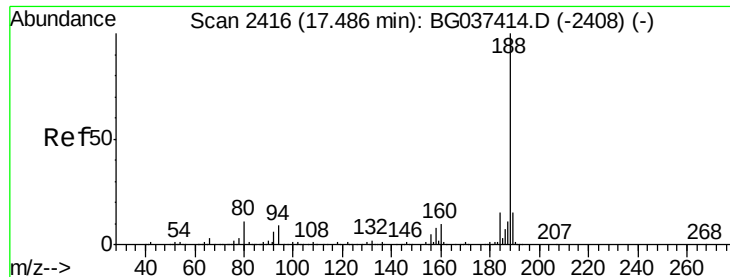


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG037656.D

Acq: 30 Oct 2018 16:40

Instrument :

BNA_G

ClientSampleId :

WS-CFA-111C

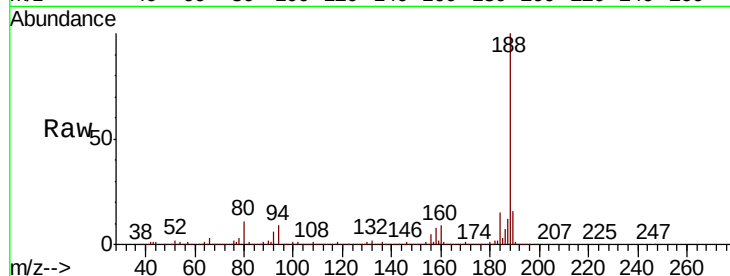
Tgt Ion:188 Resp: 401061

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

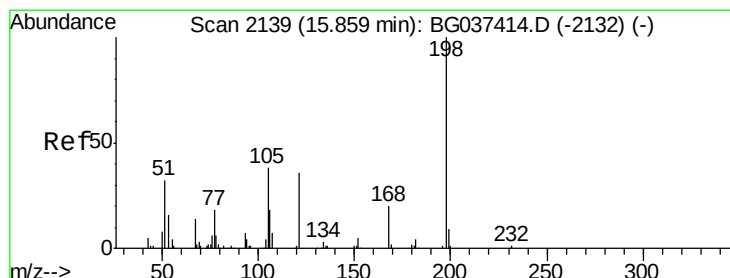
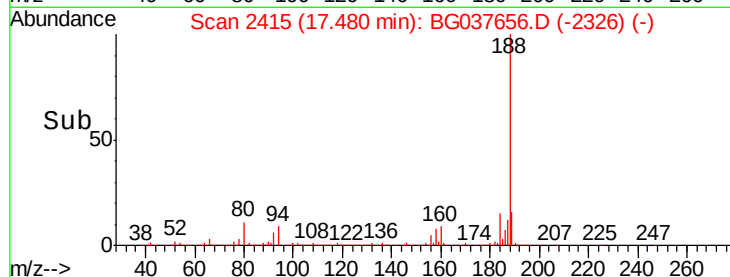
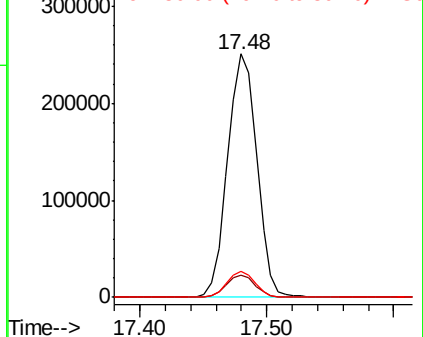
80 10.5 7.7 11.5



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: 8.808 ng

RT: 16.22 min Scan# 2200

Delta R.T. 0.36 min

Lab File: BG037656.D

Acq: 30 Oct 2018 16:40

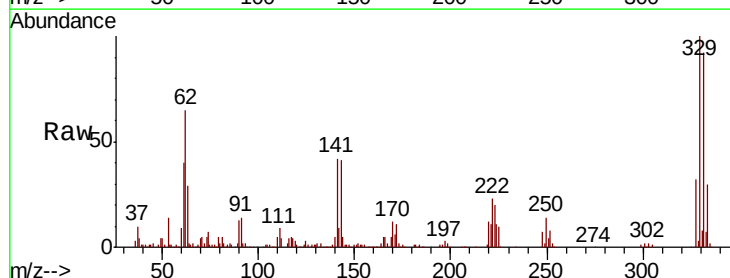
Tgt Ion:198 Resp: 768

Ion Ratio Lower Upper

198 100

51 44.4 22.7 62.7

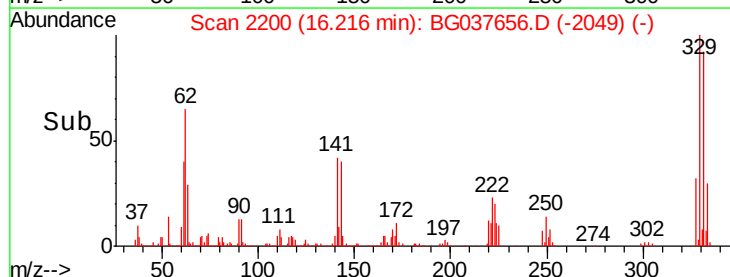
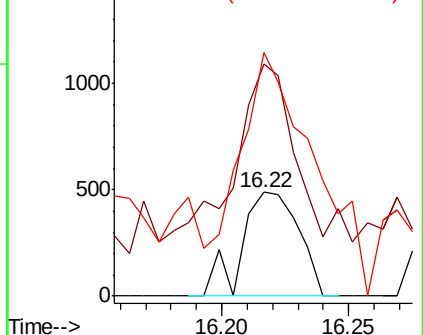
105 46.6 19.7 59.7

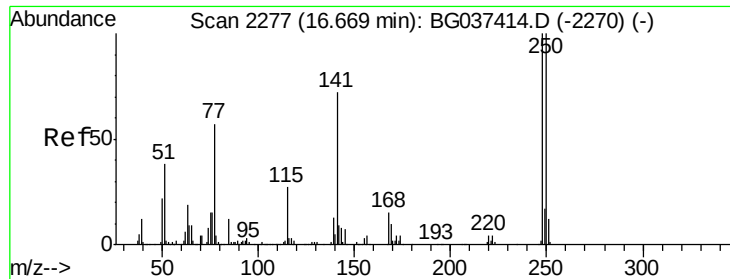


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#67

4-Bromophenyl-phenylether

Concen: 3.627 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.45 min

Lab File: BG037656.D

Acq: 30 Oct 2018 16:40

Instrument :

BNA_G

ClientSampleId :

WS-CFA-111C

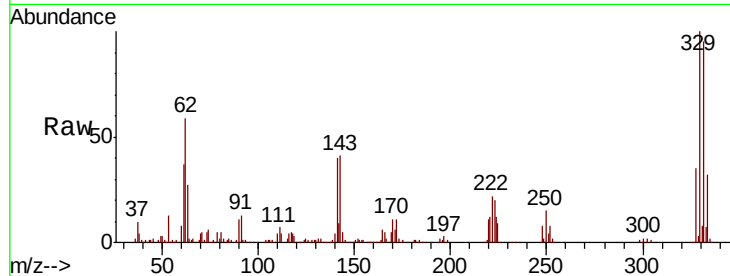
Tgt Ion:248 Resp: 15976

Ion Ratio Lower Upper

248 100

250 193.2 77.0 115.6#

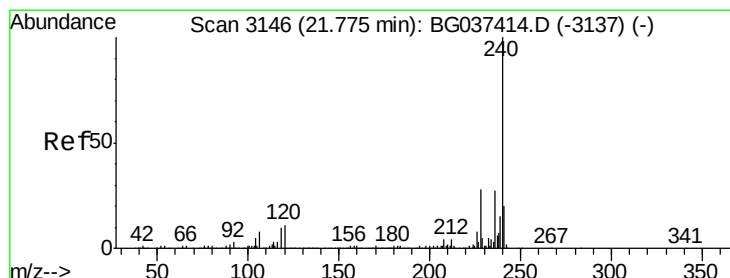
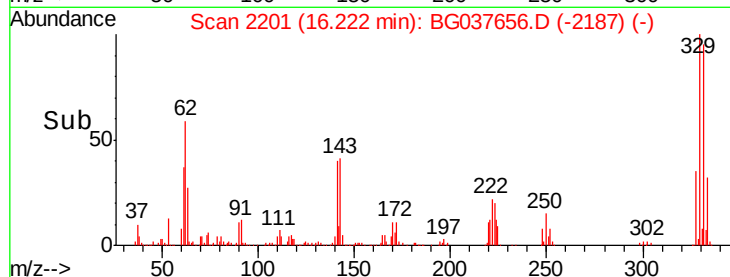
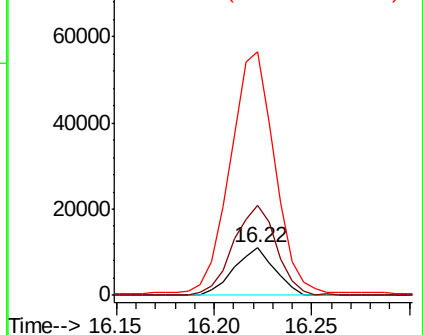
141 402.8 55.5 83.3#



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: BG037656.D

Acq: 30 Oct 2018 16:40

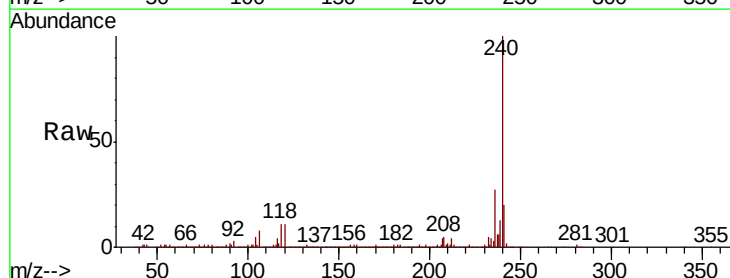
Tgt Ion:240 Resp: 365615

Ion Ratio Lower Upper

240 100

120 11.0 8.1 12.1

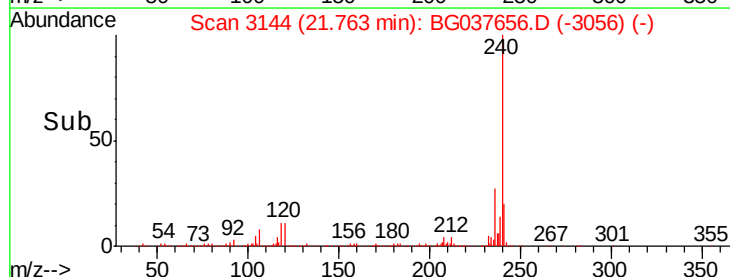
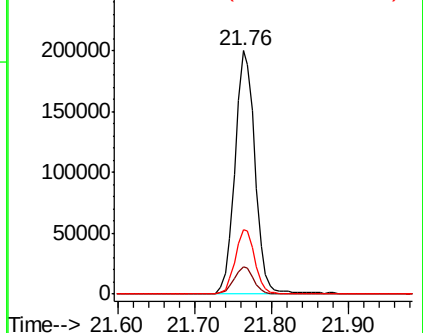
236 26.6 21.4 32.0

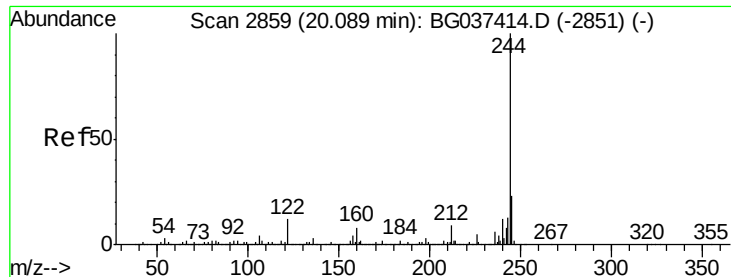


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 71.934 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037656.D

Acq: 30 Oct 2018 16:40

Instrument :

BNA_G

ClientSampleId :

WS-CFA-111C

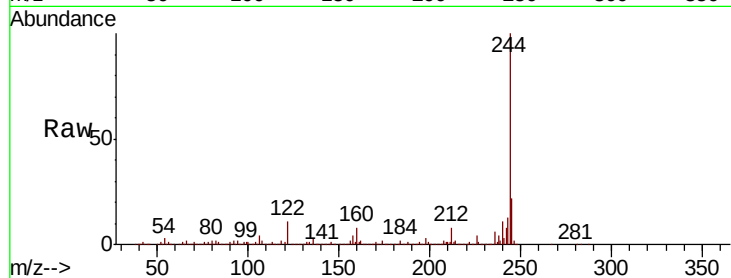
Tgt Ion:244 Resp: 1230841

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

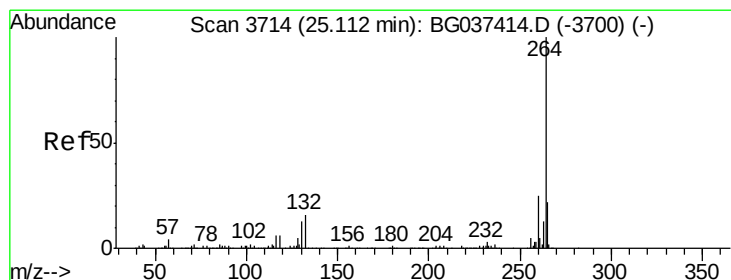
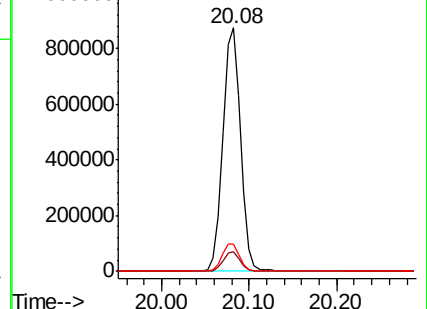
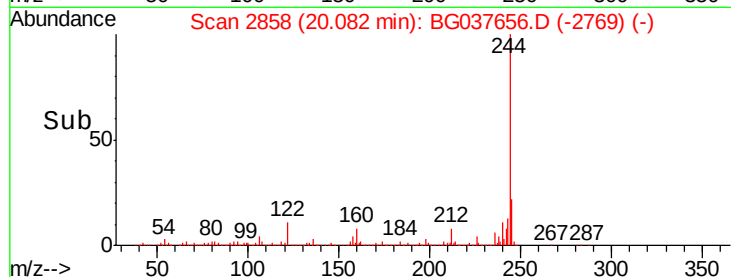
122 11.1 9.0 13.4



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. -0.01 min

Lab File: BG037656.D

Acq: 30 Oct 2018 16:40

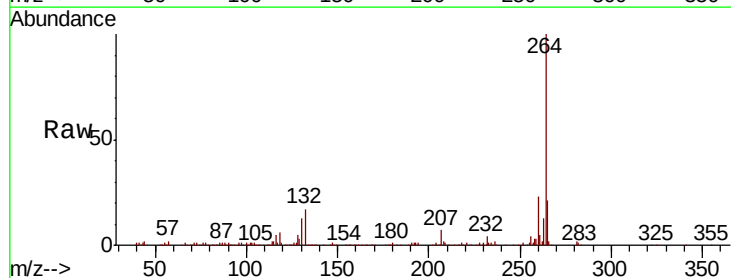
Tgt Ion:264 Resp: 368499

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.4

265 21.2 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

