

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
 Data File : BG037558.D
 Acq On : 25 Oct 2018 23:33
 Operator : JU/SJ
 Sample : J5661-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VB44949

Quant Time: Oct 26 08:34:10 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

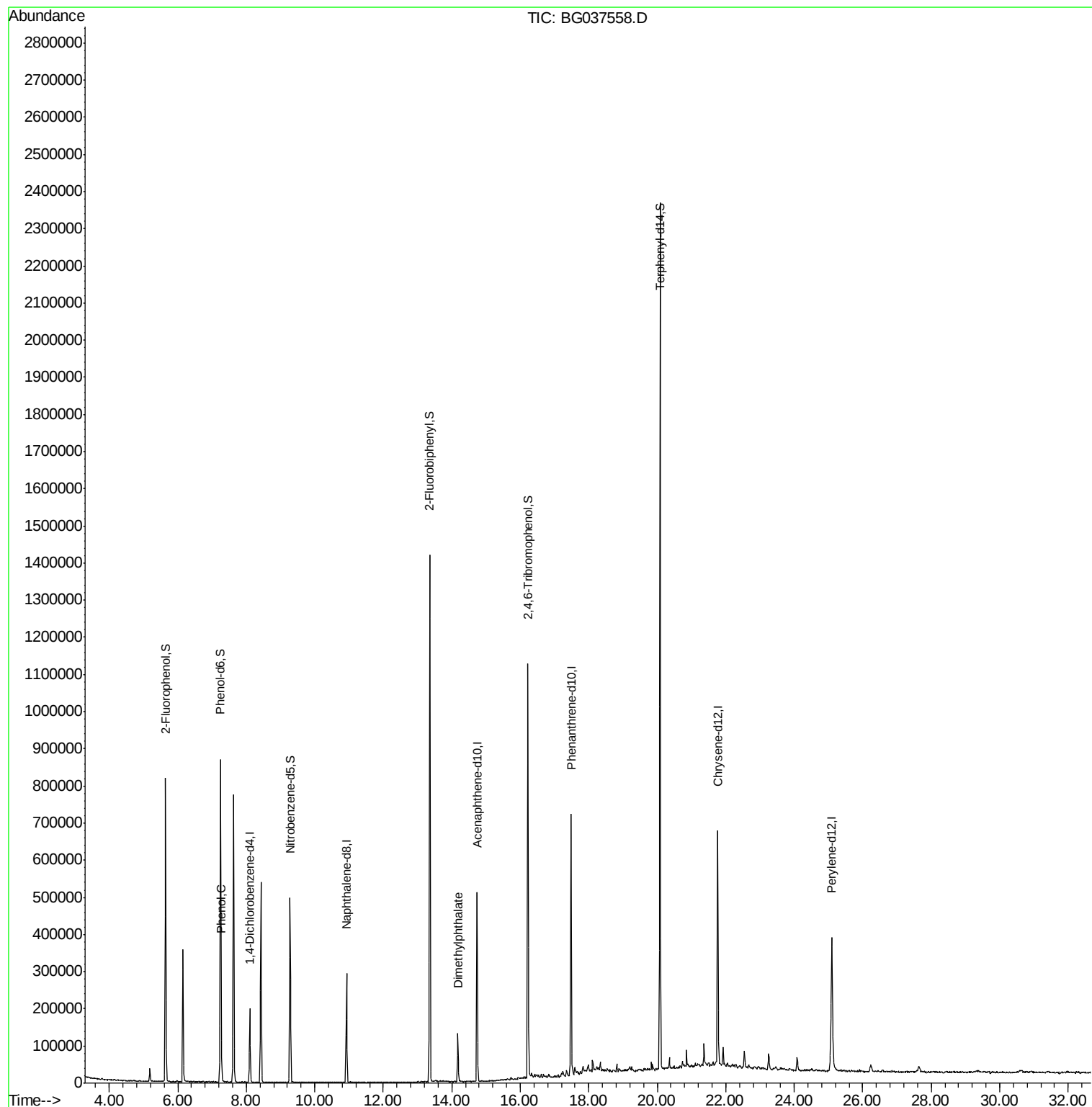
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	59229	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	266265	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	187036	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	445627	20.00	ng	0.00
76) Chrysene-d12	21.77	240	398016	20.00	ng	0.00
87) Perylene-d12	25.10	264	406634	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	370441	104.56	ng	0.00
7) Phenol-d6	7.25	99	539138	100.64	ng	0.00
23) Nitrobenzene-d5	9.28	82	311632	65.56	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	203795	99.90	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	758381	61.14	ng	0.00
79) Terphenyl-d14	20.08	244	1130380	60.68	ng	0.00
Target Compounds						
10) Phenol	7.27	94	52019	9.203	ng	98
50) Dimethylphthalate	14.18	163	88886	6.143	ng	99

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

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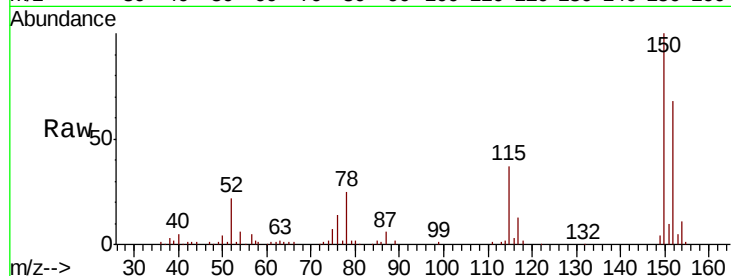


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037558.D
Acq: 25 Oct 2018 23:33

Instrument :
BNA_G
ClientSampleId :
VB44949

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.4	126.0	189.0
115	54.5	45.5	68.3

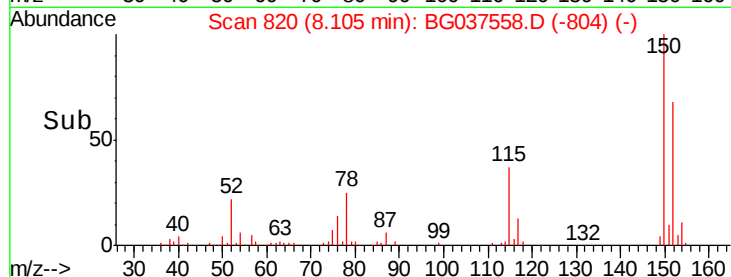
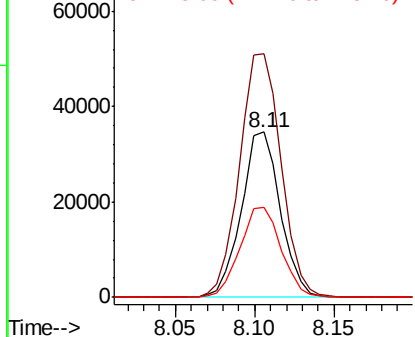


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

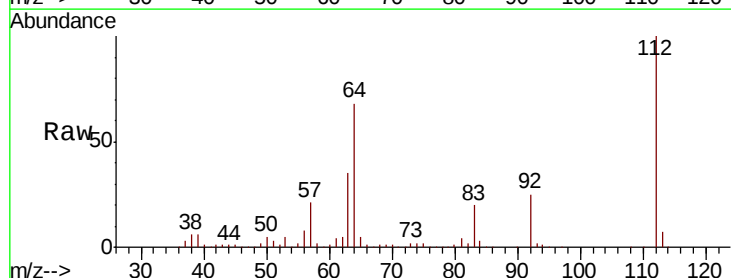
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 104.564 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037558.D
Acq: 25 Oct 2018 23:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.8	53.1	79.7
63	34.6	27.3	40.9

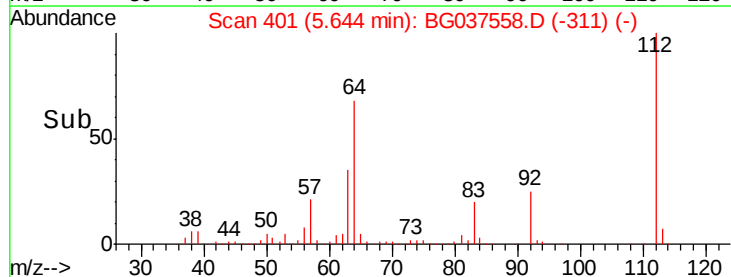
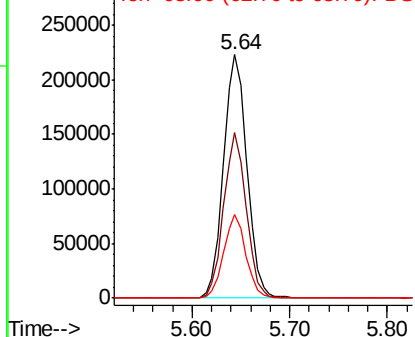


Abundance

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: 100.641 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037558.D

Acq: 25 Oct 2018 23:33

Instrument :

BNA_G

ClientSampleId :

VB44949

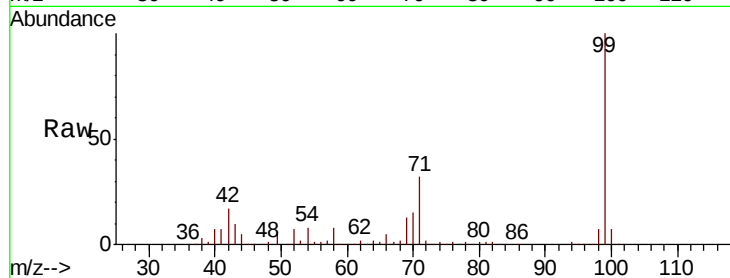
Tot Ion: 99 Resp: 539138

Ion Ratio Lower Upper

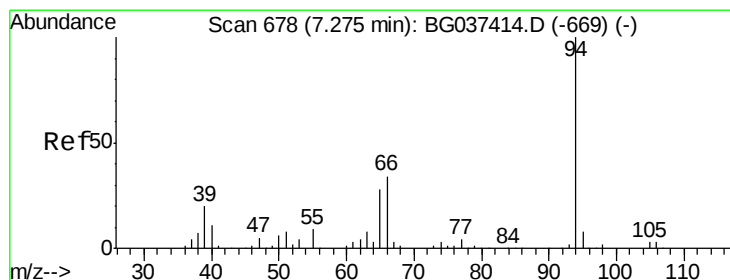
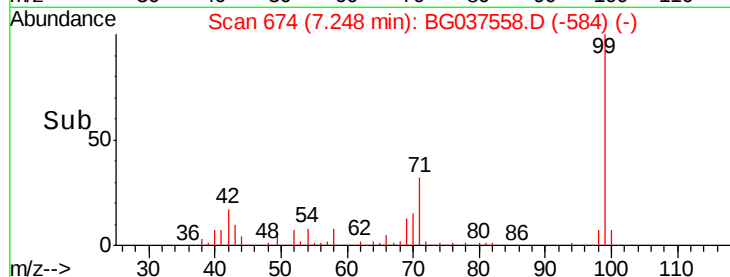
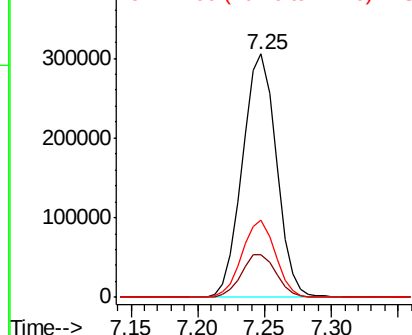
99 100

42 17.3 15.0 22.4

71 31.7 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: 9.203 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037558.D

Acq: 25 Oct 2018 23:33

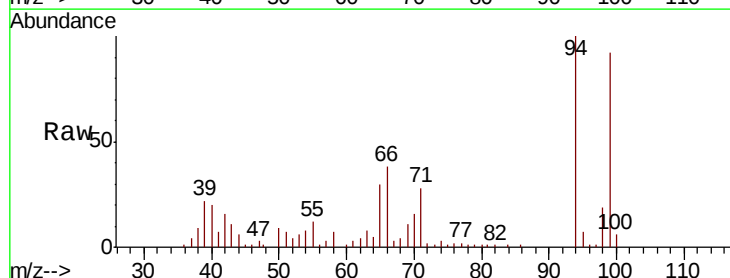
Tgt Ion: 94 Resp: 52019

Ion Ratio Lower Upper

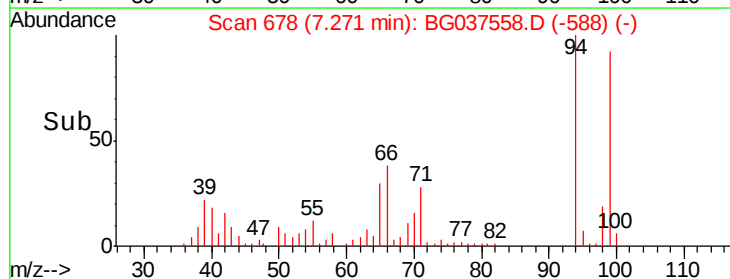
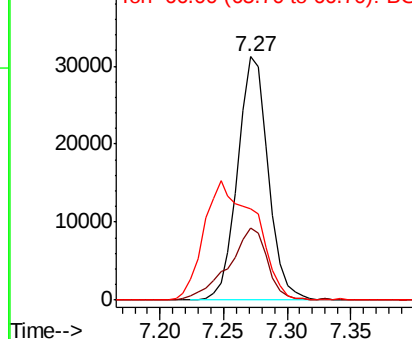
94 100

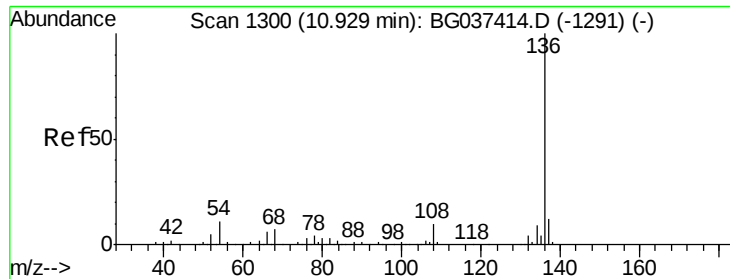
65 29.6 9.7 49.7

66 37.6 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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG037558.D

Acq: 25 Oct 2018 23:33

Instrument :

BNA_G

ClientSampleId :

VB44949

Tot Ion:136 Resp: 266265

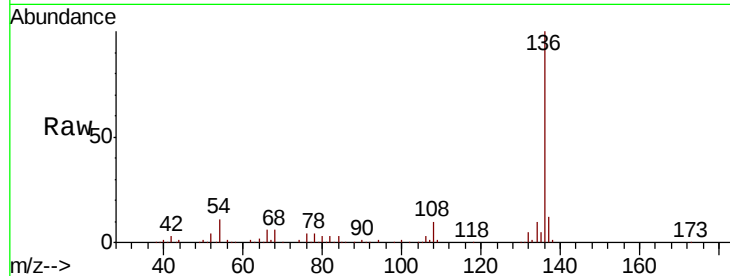
Ion Ratio Lower Upper

136 100

137 12.1 9.6 14.4

54 10.6 7.9 11.9

68 5.9 4.8 7.2

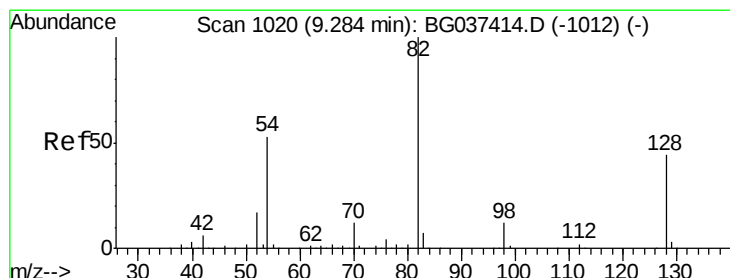
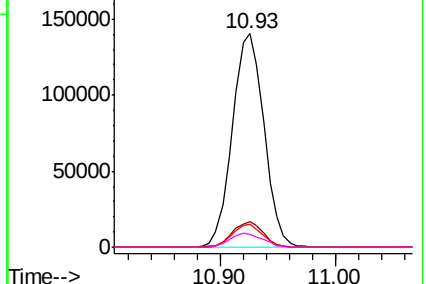
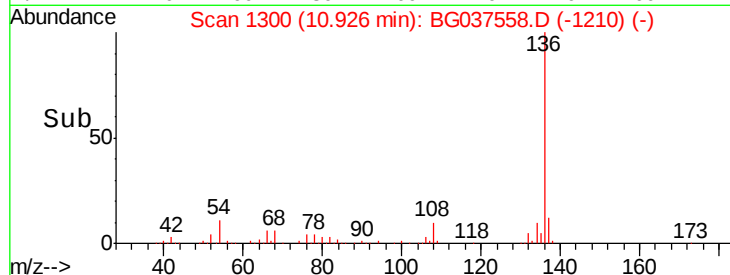


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 65.564 ng

RT: 9.28 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BG037558.D

Acq: 25 Oct 2018 23:33

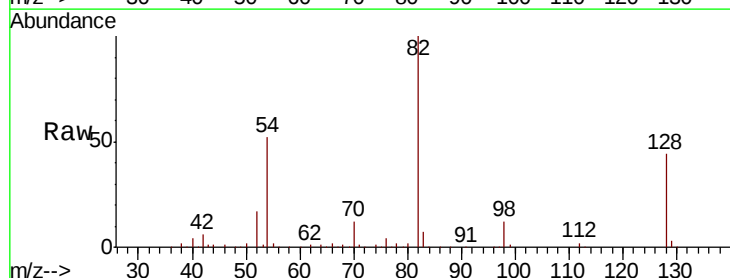
Tgt Ion: 82 Resp: 311632

Ion Ratio Lower Upper

82 100

128 44.0 34.6 51.8

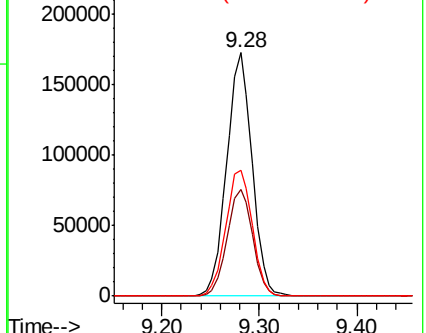
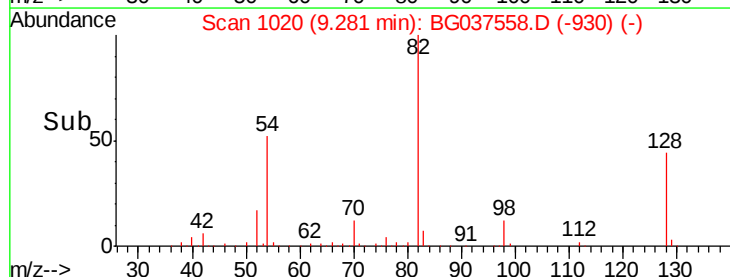
54 51.9 45.3 67.9

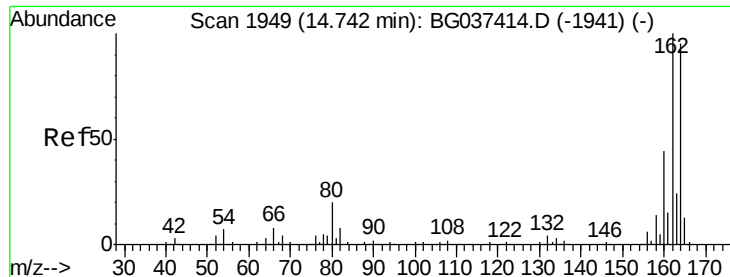


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037558.D

Acq: 25 Oct 2018 23:33

Instrument :

BNA_G

ClientSampleId :

VB44949

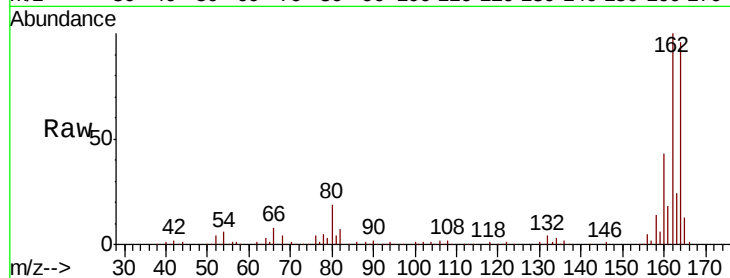
Tot Ion:164 Resp: 187036

Ion Ratio Lower Upper

164 100

162 103.9 81.3 121.9

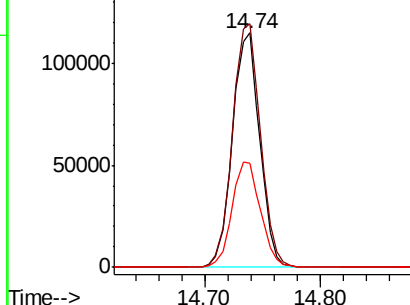
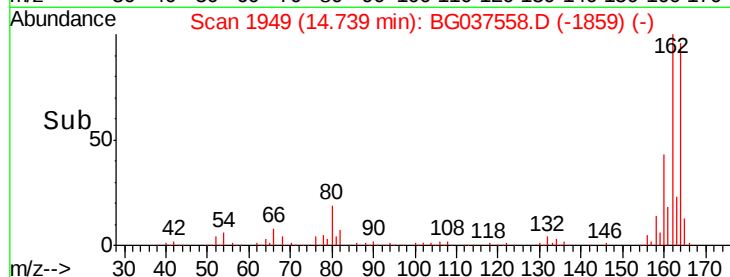
160 44.2 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 99.900 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037558.D

Acq: 25 Oct 2018 23:33

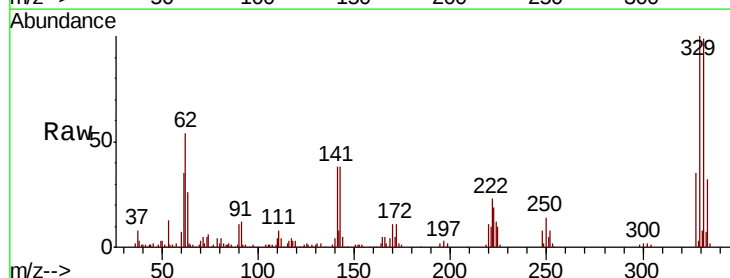
Tgt Ion:330 Resp: 203795

Ion Ratio Lower Upper

330 100

332 97.2 78.4 117.6

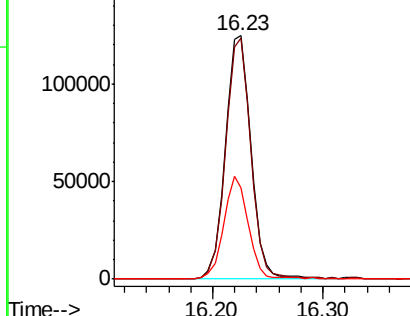
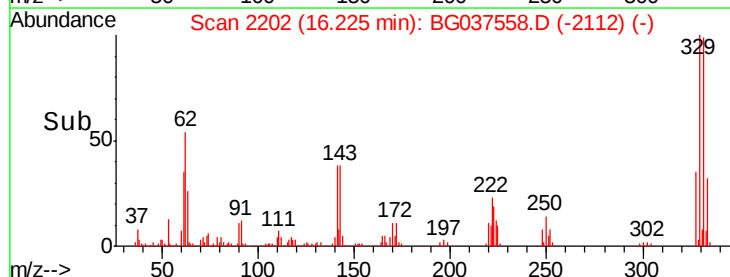
141 40.4 32.2 48.2



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

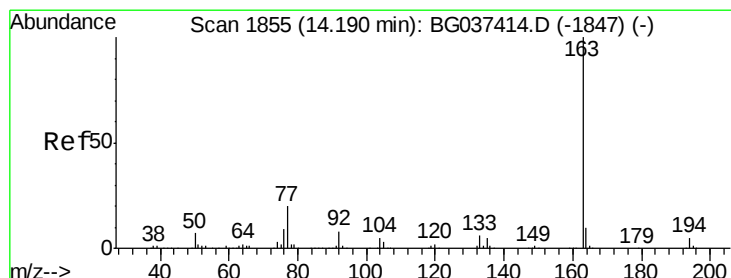
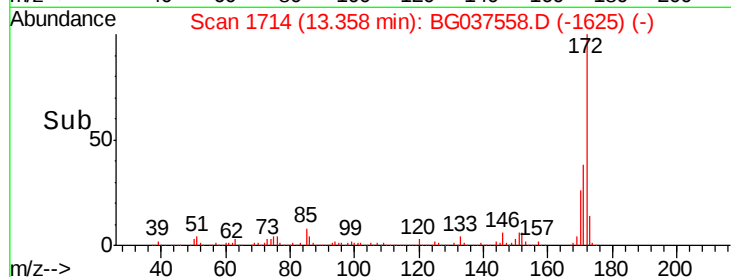
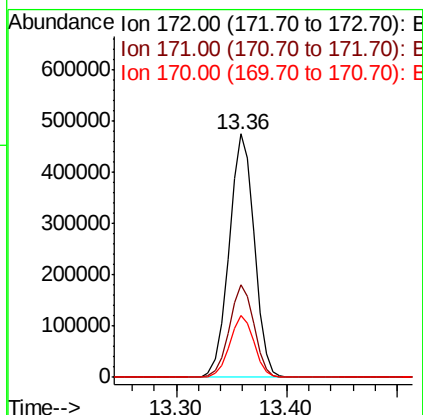
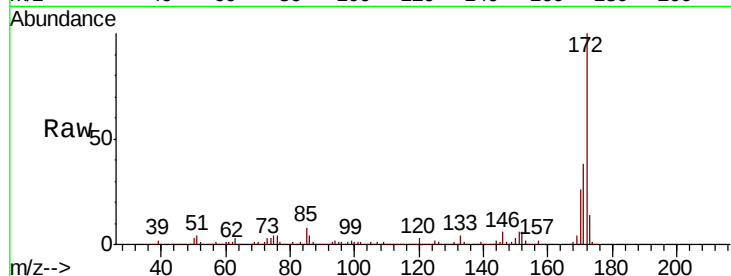




#45
2-Fluorobiphenyl
Concen: 61.143 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037558.D
Acq: 25 Oct 2018 23:33

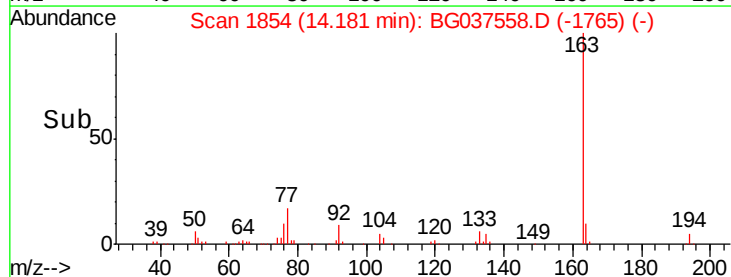
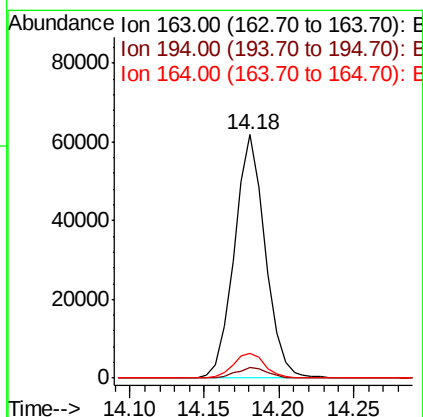
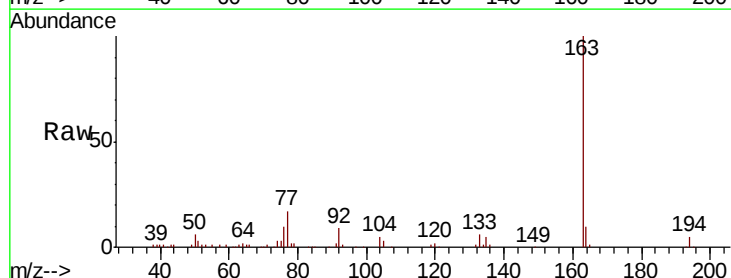
Instrument :
BNA_G
ClientSampleId :
VB44949

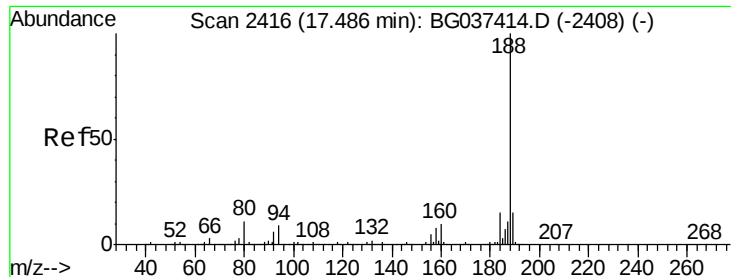
Tot Ion:172 Resp: 758381
Ion Ratio Lower Upper
172 100
171 38.0 31.0 46.4
170 25.6 20.2 30.2



#50
Dimethylphthalate
Concen: 6.143 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BG037558.D
Acq: 25 Oct 2018 23:33

Tgt Ion:163 Resp: 88886
Ion Ratio Lower Upper
163 100
194 4.5 3.5 5.3
164 10.2 8.5 12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG037558.D

Acq: 25 Oct 2018 23:33

Instrument :

BNA_G

ClientSampleId :

VB44949

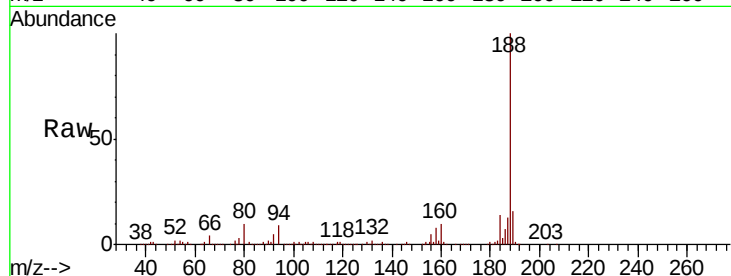
Tot Ion:188 Resp: 445627

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

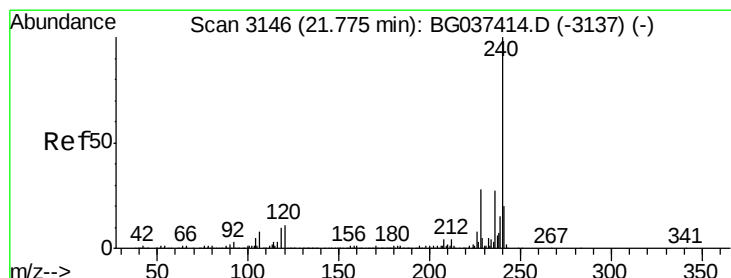
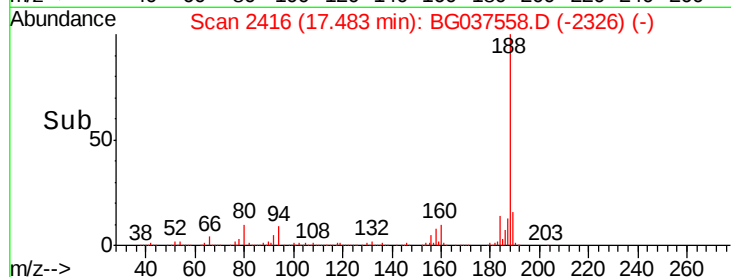
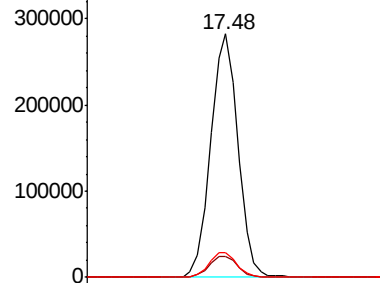
80 10.2 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037558.D

Acq: 25 Oct 2018 23:33

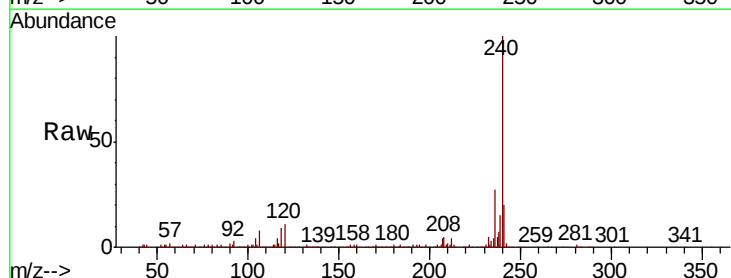
Tgt Ion:240 Resp: 398016

Ion Ratio Lower Upper

240 100

120 11.5 8.1 12.1

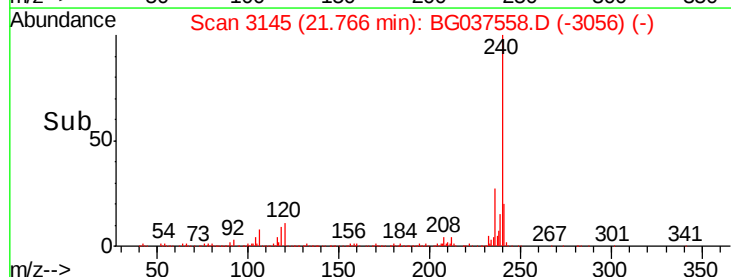
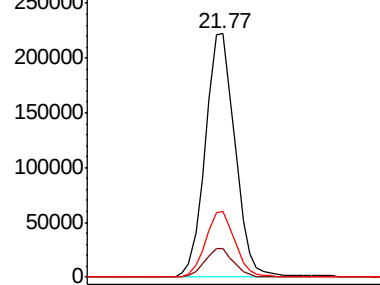
236 26.9 21.4 32.0

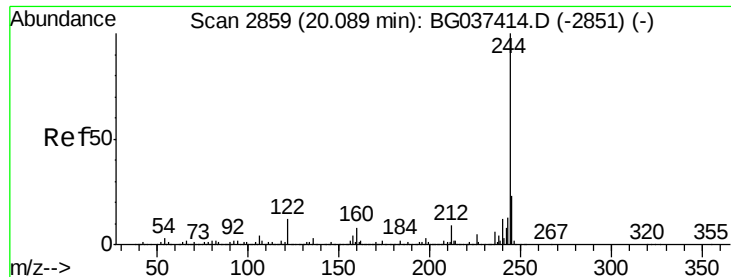


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 60.685 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037558.D

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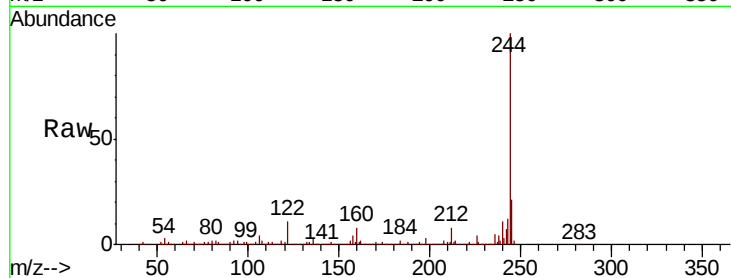
Tot Ion:244 Resp: 1130380

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

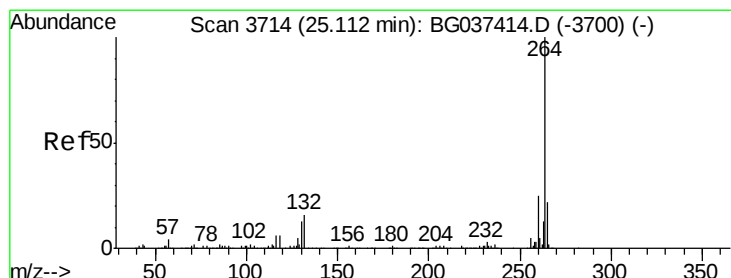
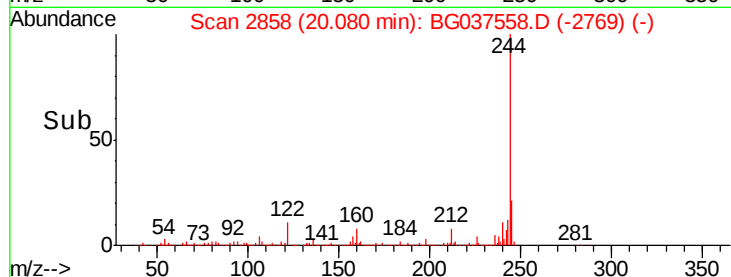
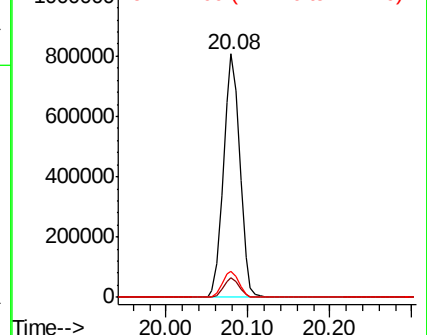
122 10.8 9.0 13.4



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: 25.10 min Scan# 3712

Delta R.T. -0.02 min

Lab File: BG037558.D

Acq: 25 Oct 2018 23:33

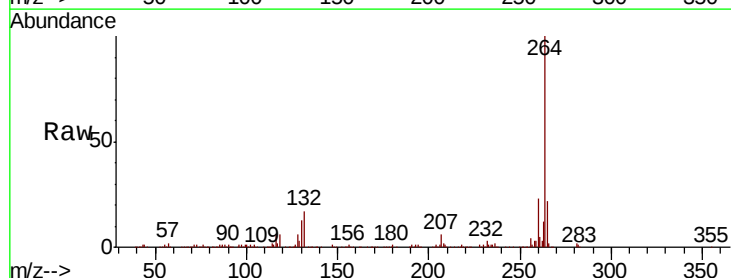
Tgt Ion:264 Resp: 406634

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.4

265 21.7 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

