

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
 Data File : BG037477.D
 Acq On : 23 Oct 2018 15:33
 Operator : JU/SJ
 Sample : PB114082BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114082BL

Quant Time: Oct 24 04:52:22 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	8.11	152	60304	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	257834	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	179520	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	463810	20.00	ng	0.00
76) Chrysene-d12	21.77	240	435288	20.00	ng	0.00
87) Perylene-d12	25.10	264	425439	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	451235	125.10	ng	0.00
7) Phenol-d6	7.25	99	653931	119.89	ng	0.00
23) Nitrobenzene-d5	9.28	82	371572	80.73	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	241034	123.10	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	935556	78.59	ng	0.00
79) Terphenyl-d14	20.09	244	1524688	74.84	ng	0.00

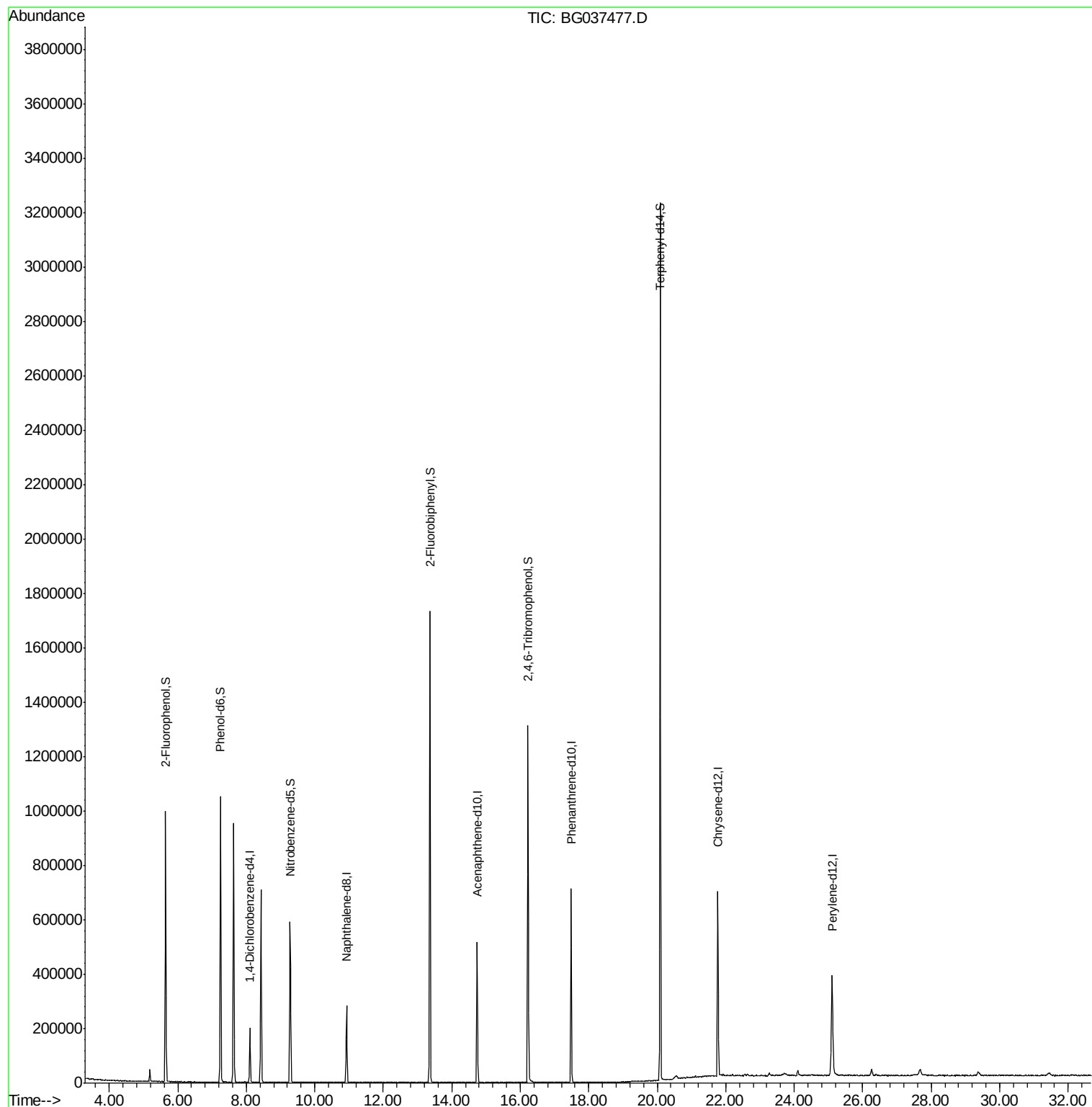
Target Compounds Qvalue

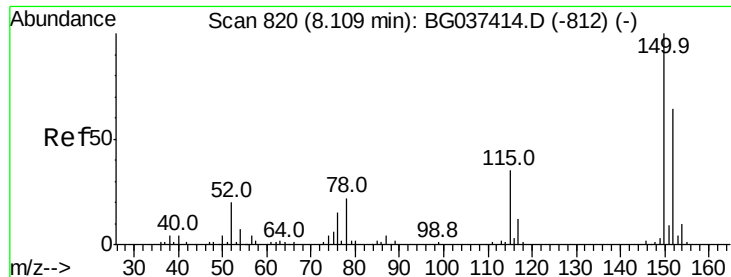
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG037477.D

Acq: 23 Oct 2018 15:33

Instrument :

BNA_G

ClientSampleId :

PB114082BL

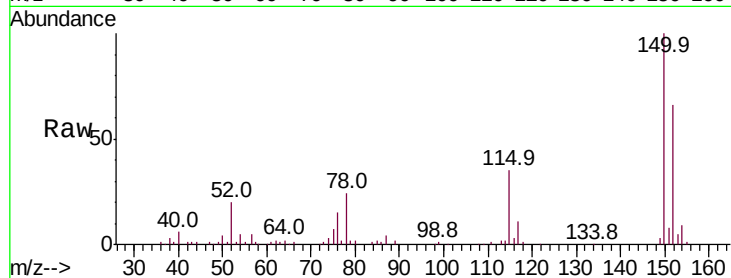
Tot Ion:152 Resp: 60304

Ion Ratio Lower Upper

152 100

150 152.5 126.0 189.0

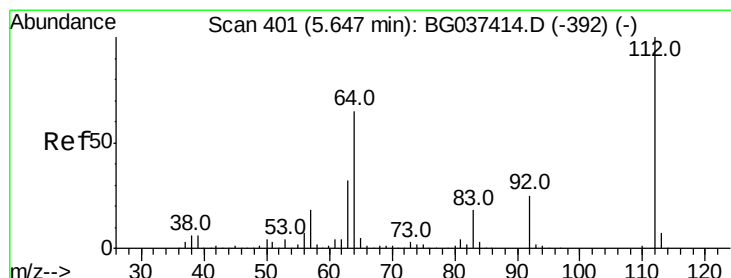
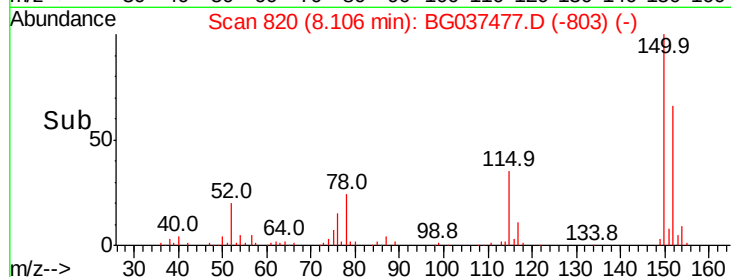
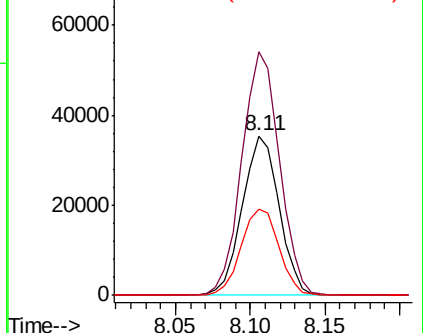
115 53.7 45.5 68.3



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: 125.099 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037477.D

Acq: 23 Oct 2018 15:33

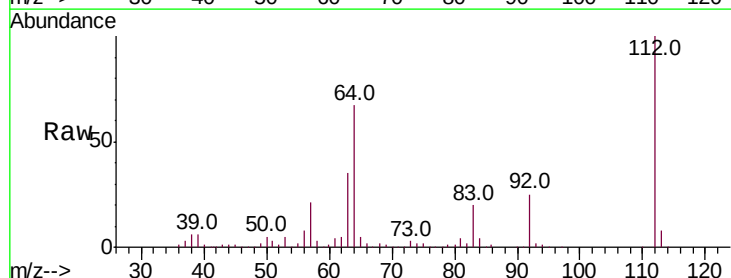
Tgt Ion:112 Resp: 451235

Ion Ratio Lower Upper

112 100

64 67.1 53.1 79.7

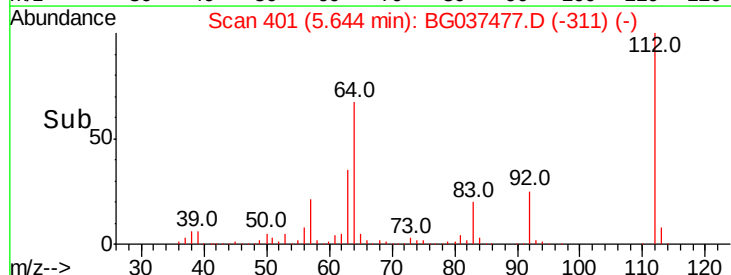
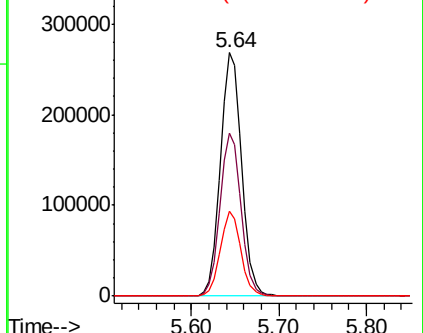
63 34.7 27.3 40.9

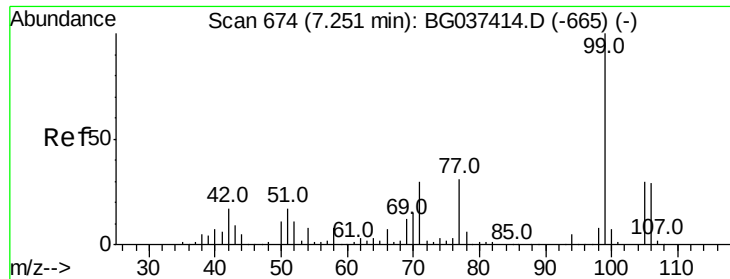


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 119.894 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037477.D

Acq: 23 Oct 2018 15:33

Instrument :

BNA_G

ClientSampleId :

PB114082BL

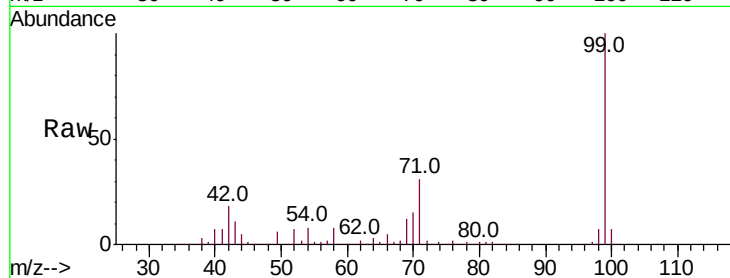
Tot Ion: 99 Resp: 653931

Ion Ratio Lower Upper

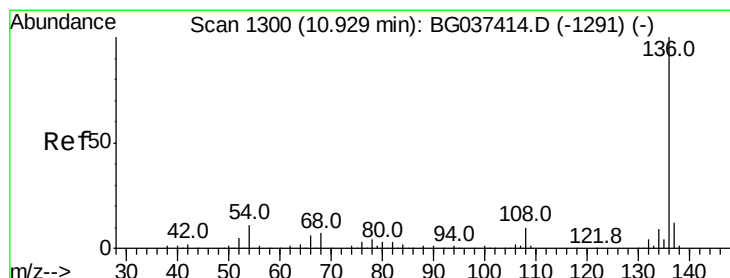
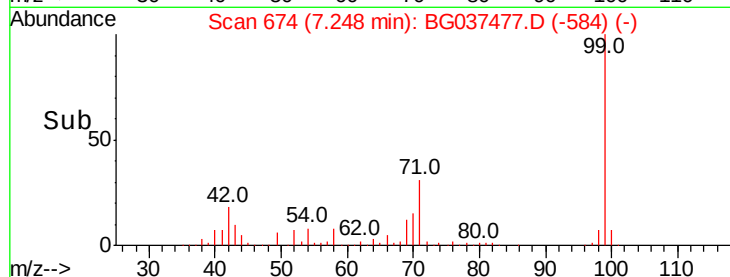
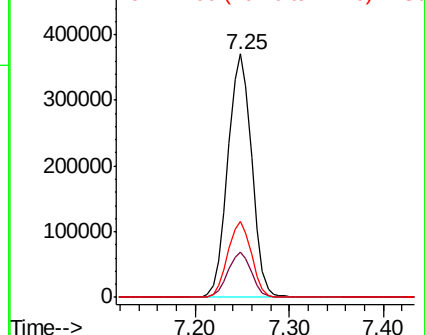
99 100

42 18.4 15.0 22.4

71 30.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG037477.D

Acq: 23 Oct 2018 15:33

Tgt Ion: 136 Resp: 257834

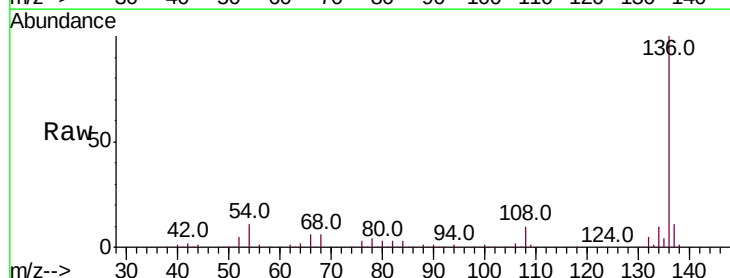
Ion Ratio Lower Upper

136 100

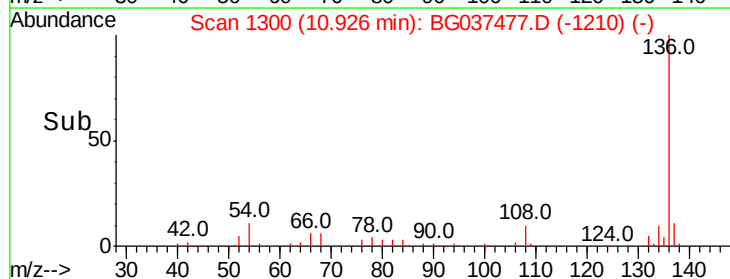
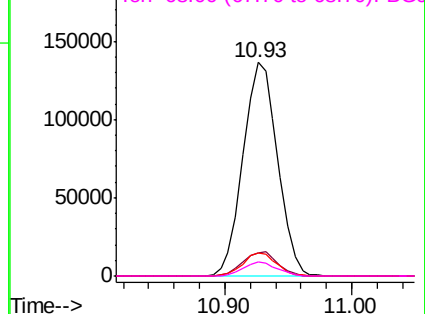
137 10.8 9.6 14.4

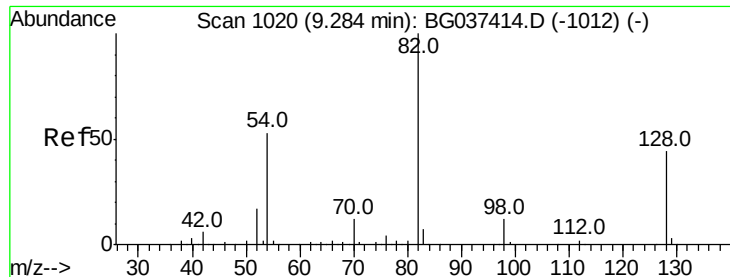
54 10.5 7.9 11.9

68 6.4 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

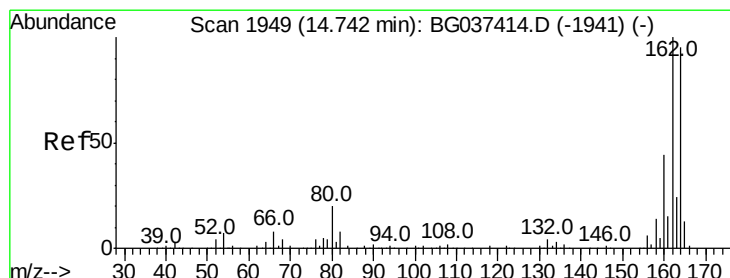
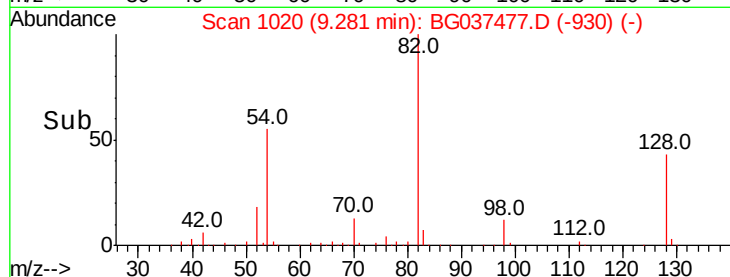
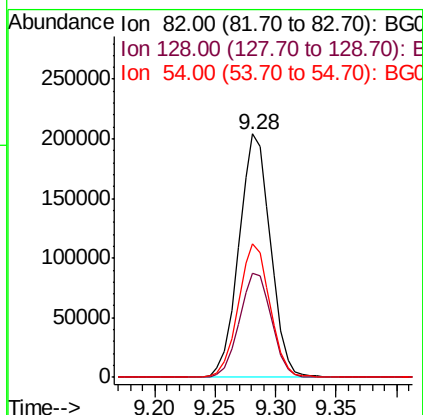
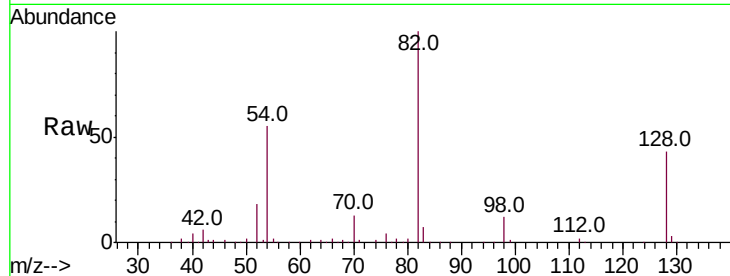




#23
 Nitrobenzene-d5
 Concen: 80.731 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037477.D
 Acq: 23 Oct 2018 15:33

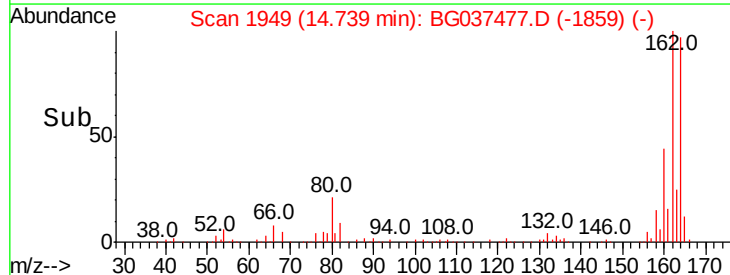
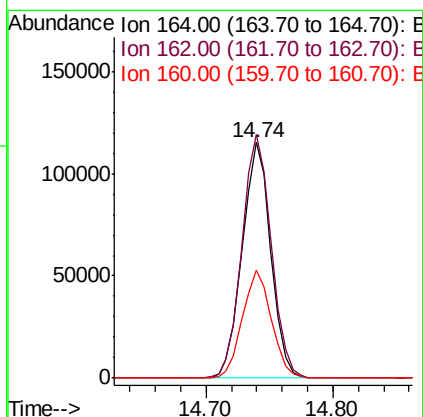
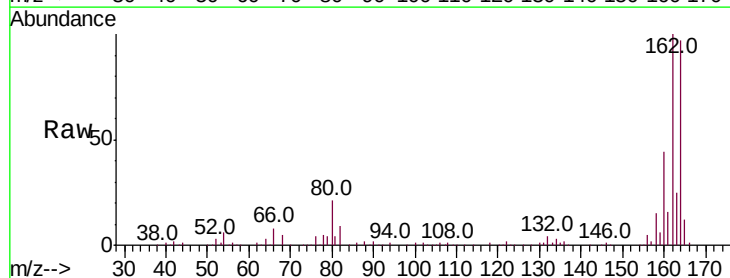
Instrument :
 BNA_G
 ClientSampleId :
 PB114082BL

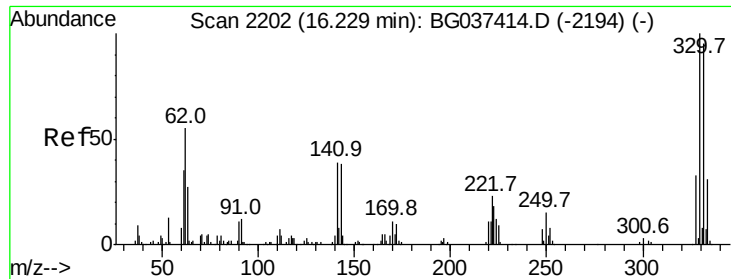
Tot Ion: 82 Resp: 371572
 Ion Ratio Lower Upper
 82 100
 128 42.9 34.6 51.8
 54 55.0 45.3 67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: BG037477.D
 Acq: 23 Oct 2018 15:33

Tgt Ion: 164 Resp: 179520
 Ion Ratio Lower Upper
 164 100
 162 103.4 81.3 121.9
 160 45.6 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 123.102 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037477.D

Acq: 23 Oct 2018 15:33

Instrument :

BNA_G

ClientSampleId :

PB114082BL

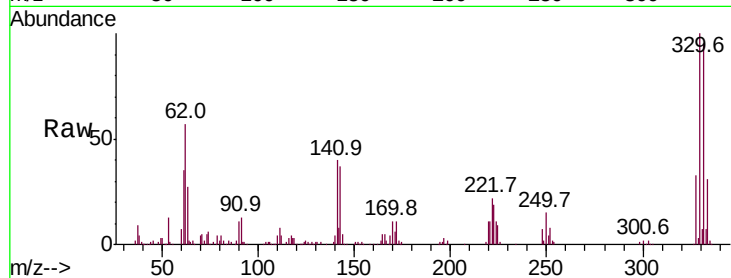
Tot Ion:330 Resp: 241034

Ion Ratio Lower Upper

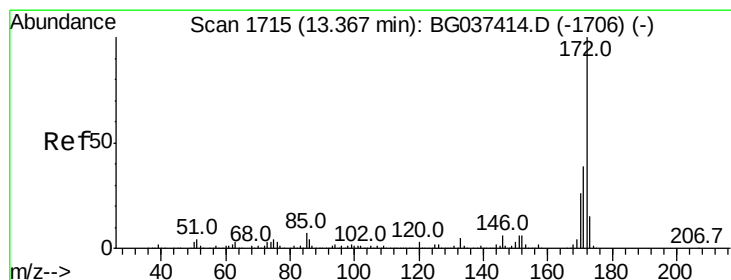
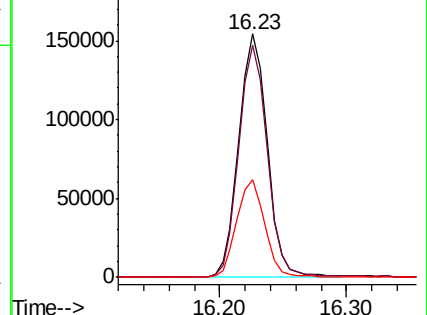
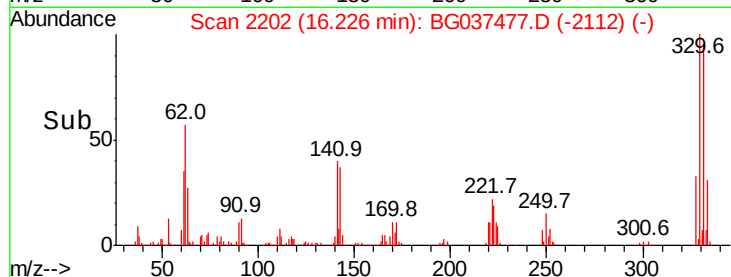
330 100

332 95.3 78.4 117.6

141 39.7 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: 78.585 ng

RT: 13.36 min Scan# 1715

Delta R.T. -0.00 min

Lab File: BG037477.D

Acq: 23 Oct 2018 15:33

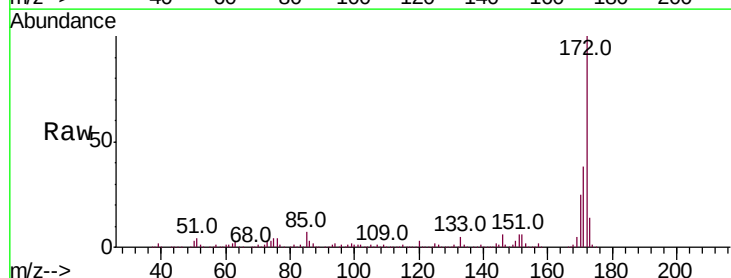
Tgt Ion:172 Resp: 935556

Ion Ratio Lower Upper

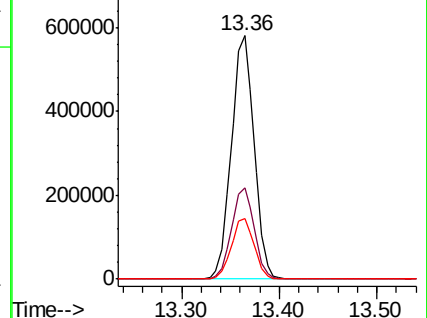
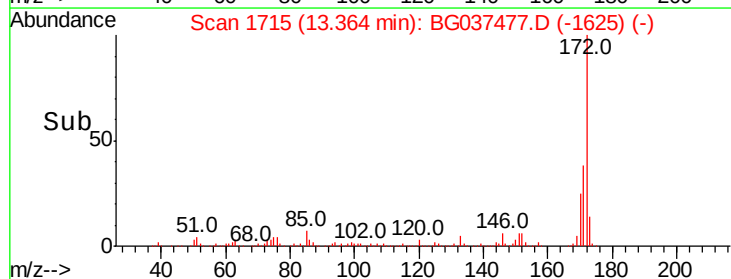
172 100

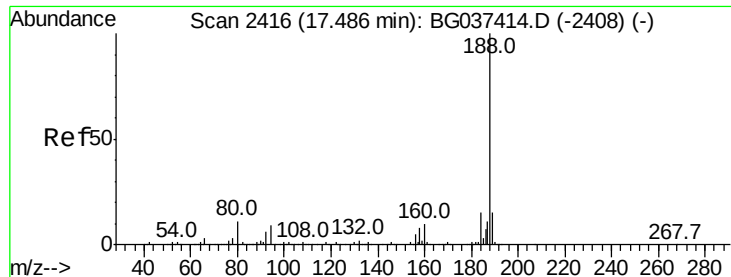
171 37.7 31.0 46.4

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2417

Delta R.T. 0.00 min

Lab File: BG037477.D

Acq: 23 Oct 2018 15:33

Instrument :

BNA_G

ClientSampleId :

PB114082BL

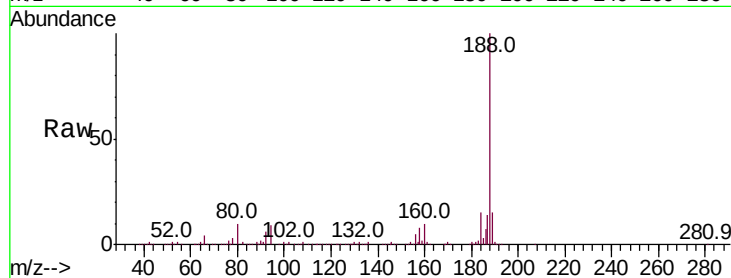
Tot Ion:188 Resp: 463810

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

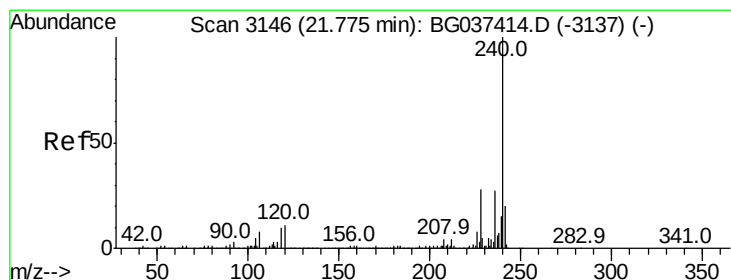
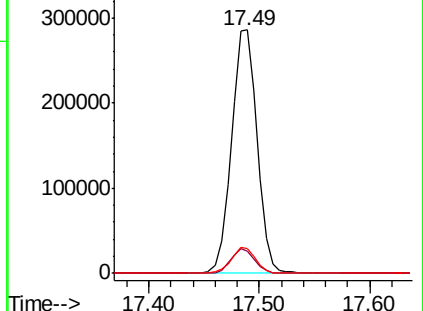
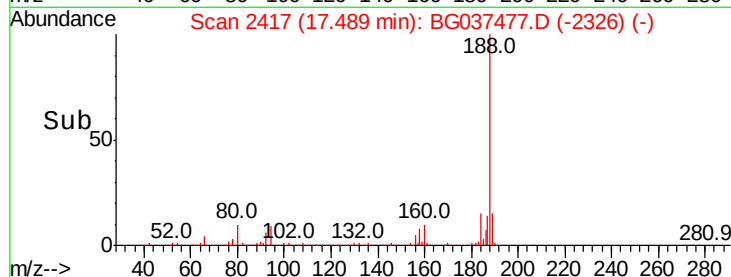
80 10.3 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037477.D

Acq: 23 Oct 2018 15:33

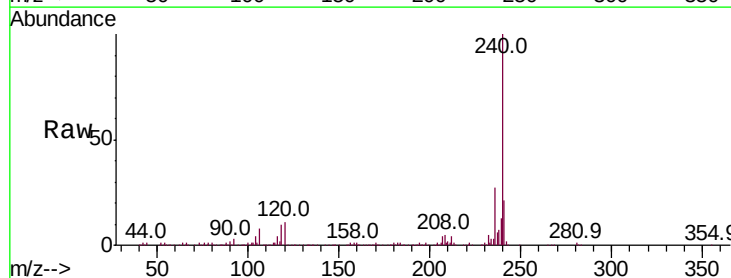
Tgt Ion:240 Resp: 435288

Ion Ratio Lower Upper

240 100

120 11.1 8.1 12.1

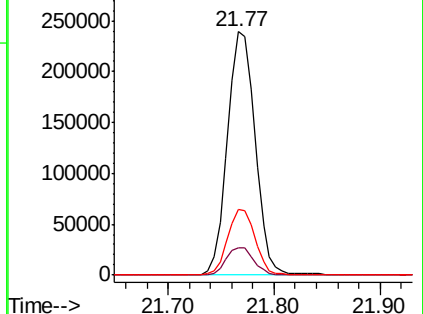
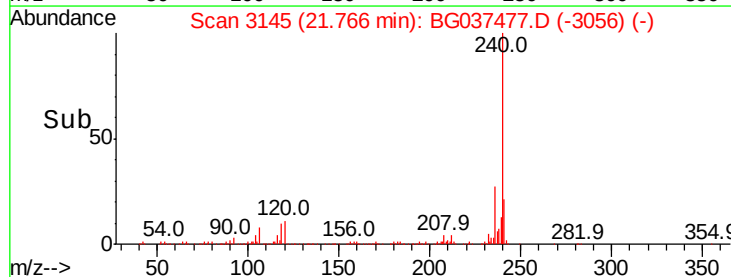
236 27.0 21.4 32.0

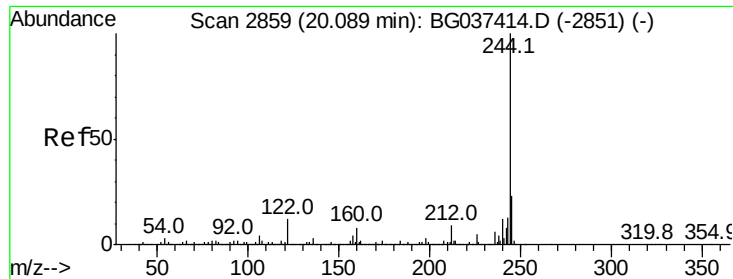


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 74.845 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037477.D

Acq: 23 Oct 2018 15:33

Instrument :

BNA_G

ClientSampleId :

PB114082BL

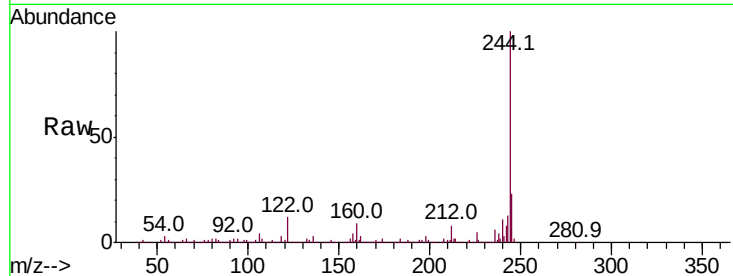
Tot Ion:244 Resp: 1524688

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

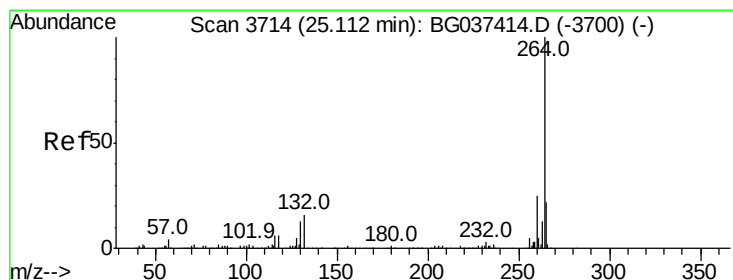
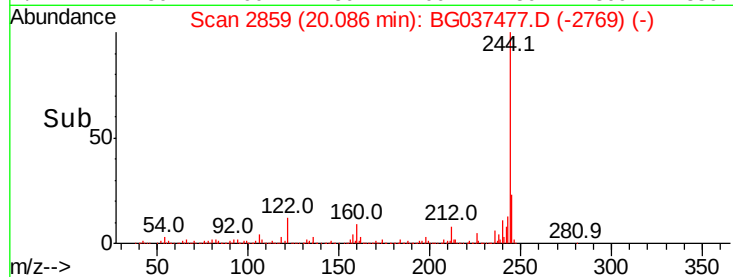
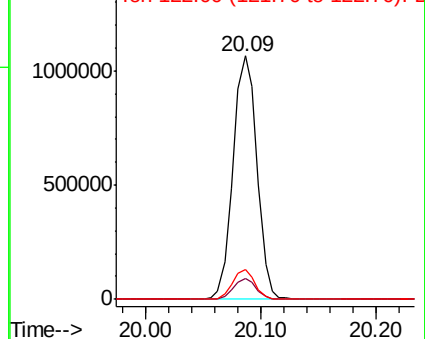
122 12.1 9.0 13.4



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# 3713

Delta R.T. -0.01 min

Lab File: BG037477.D

Acq: 23 Oct 2018 15:33

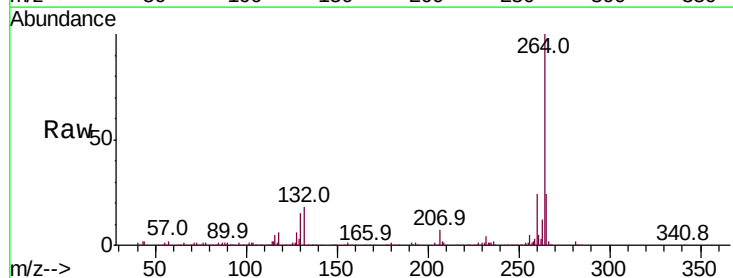
Tgt Ion:264 Resp: 425439

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.4

265 23.6 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

