

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
 Data File : BG037547.D
 Acq On : 25 Oct 2018 16:20
 Operator : JU/SJ
 Sample : PB114142BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114142BL

Quant Time: Oct 26 08:16:44 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	48003	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	213229	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	148642	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	365241	20.00	ng	0.00
76) Chrysene-d12	21.77	240	337826	20.00	ng	0.00
87) Perylene-d12	25.10	264	303093	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	358618	124.90	ng	0.00
7) Phenol-d6	7.25	99	517601	119.22	ng	0.00
23) Nitrobenzene-d5	9.28	82	295991	77.76	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	180258	111.19	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	745724	75.65	ng	0.00
79) Terphenyl-d14	20.08	244	1197015	75.71	ng	0.00

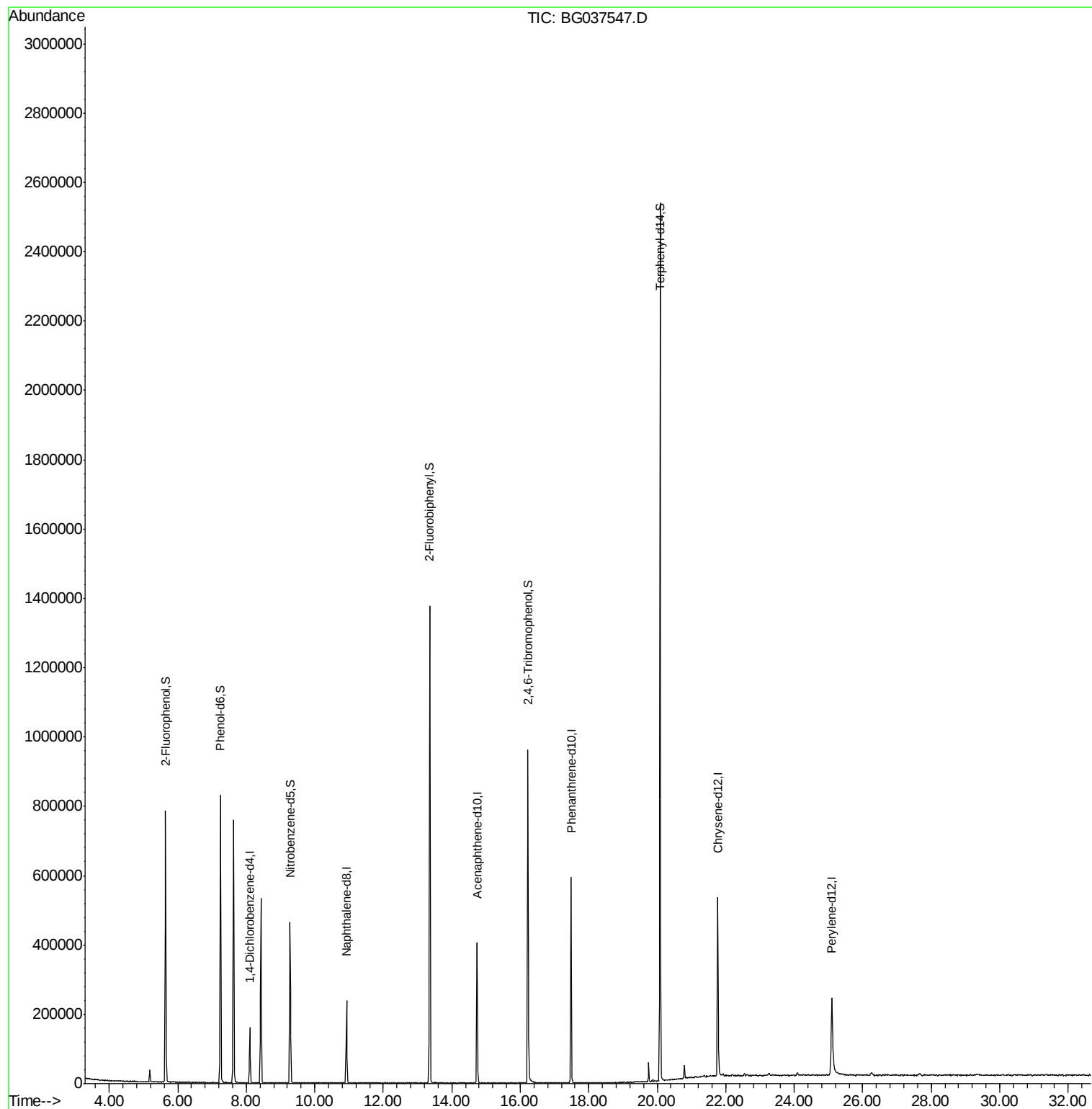
Target Compounds Qvalue

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

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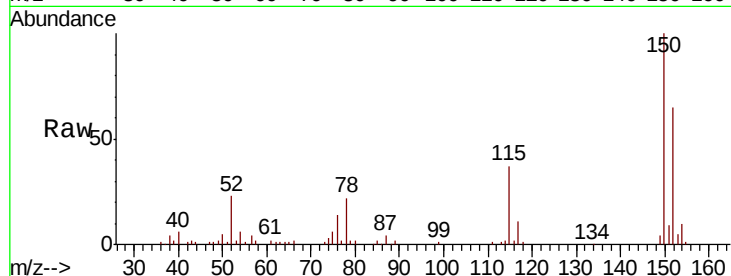


#1

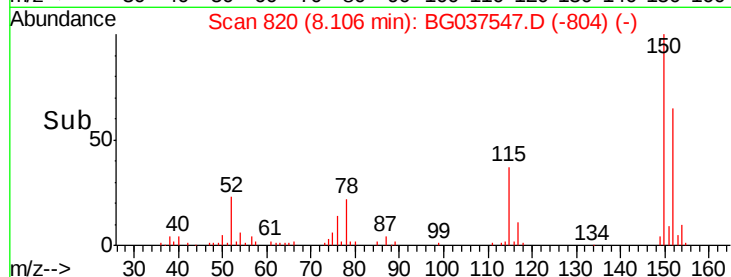
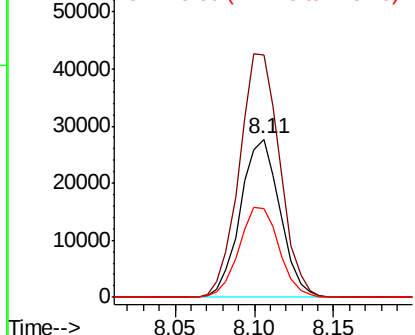
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037547.D
Acq: 25 Oct 2018 16:20

Instrument :
BNA_G
ClientSampleId :
PB114142BL

Tot Ion:152 Resp: 48003
Ion Ratio Lower Upper
152 100
150 153.2 126.0 189.0
115 56.2 45.5 68.3



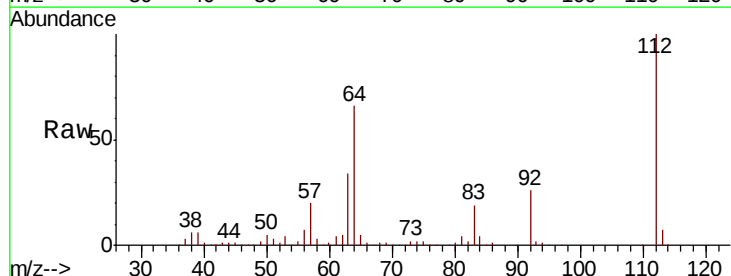
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



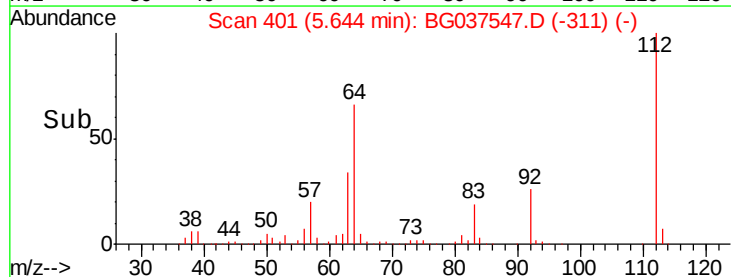
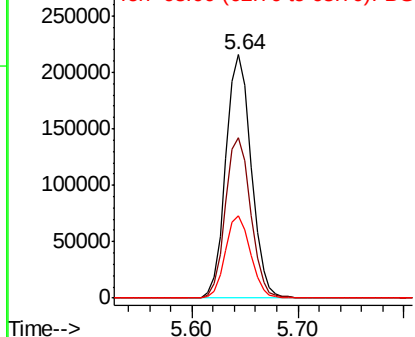
#5

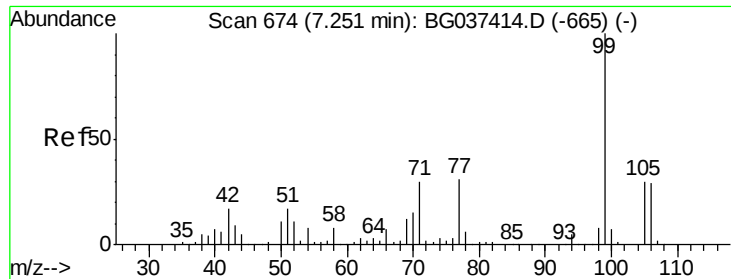
2-Fluorophenol
Concen: 124.900 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037547.D
Acq: 25 Oct 2018 16:20

Tgt Ion:112 Resp: 358618
Ion Ratio Lower Upper
112 100
64 65.9 53.1 79.7
63 34.0 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: 119.217 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037547.D

Acq: 25 Oct 2018 16:20

Instrument :

BNA_G

ClientSampleId :

PB114142BL

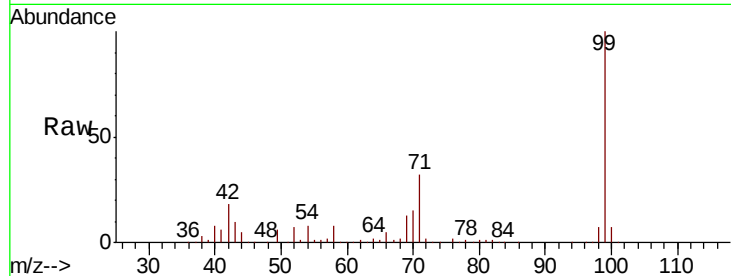
Tot Ion: 99 Resp: 517601

Ion Ratio Lower Upper

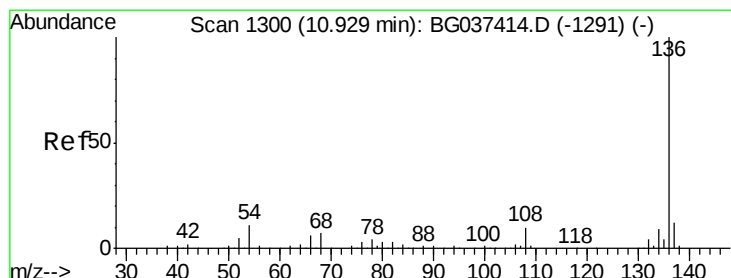
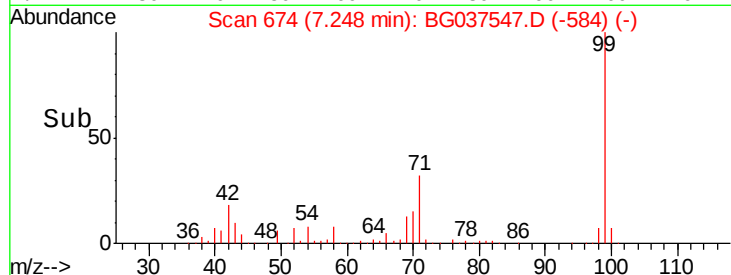
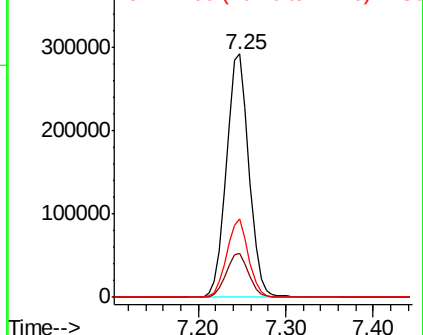
99 100

42 18.2 15.0 22.4

71 32.1 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: BG037547.D

Acq: 25 Oct 2018 16:20

Tgt Ion: 136 Resp: 213229

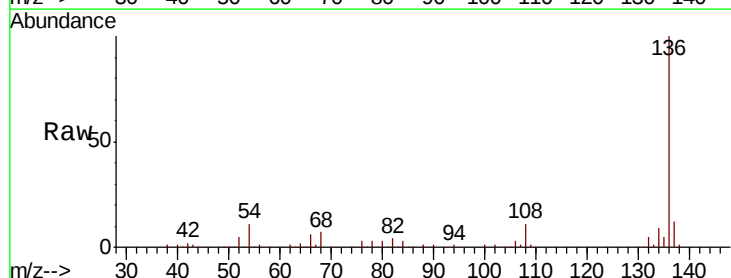
Ion Ratio Lower Upper

136 100

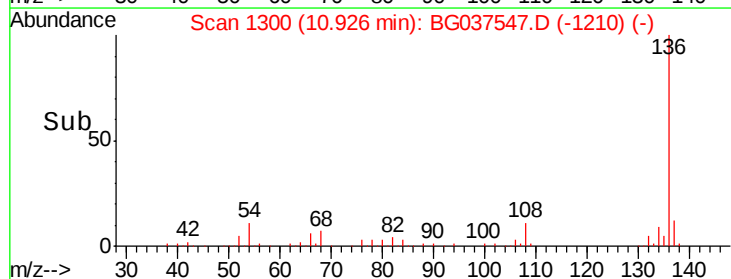
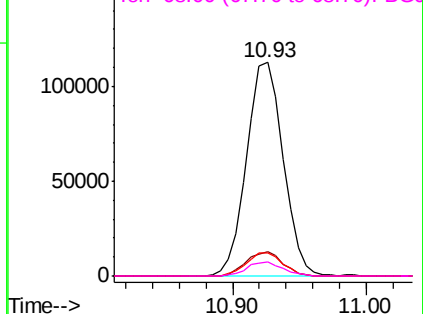
137 11.6 9.6 14.4

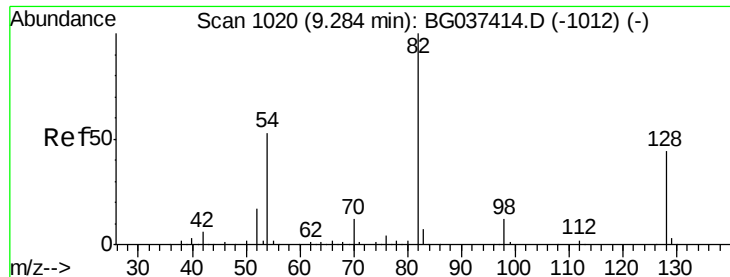
54 10.7 7.9 11.9

68 6.8 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

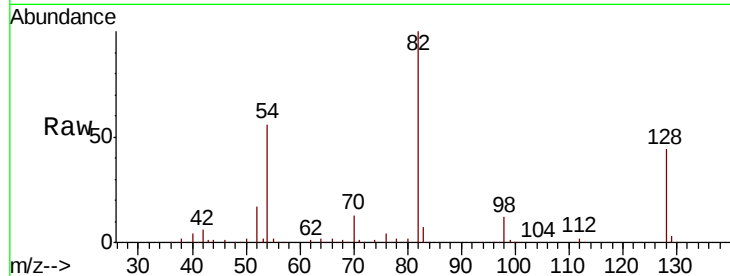




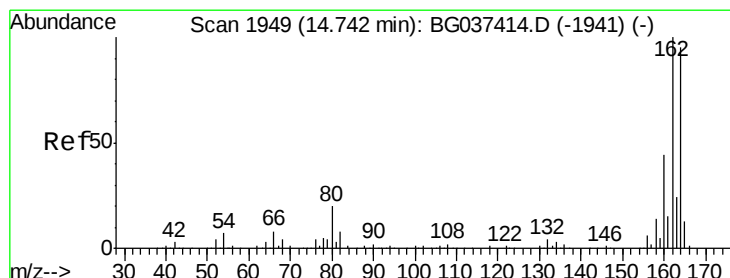
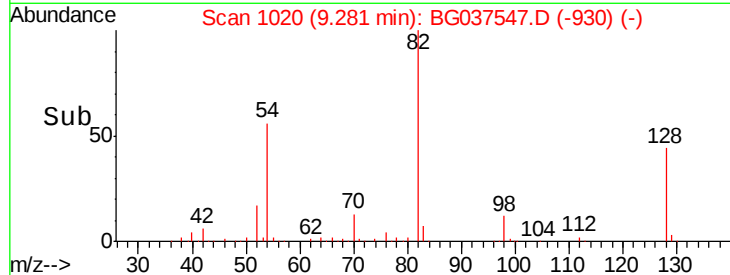
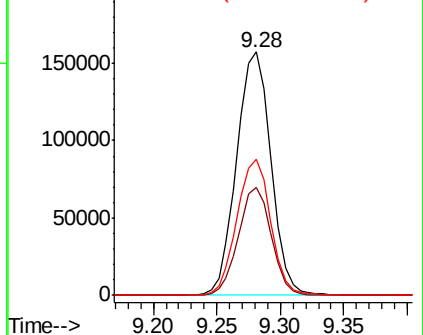
#23
 Nitrobenzene-d5
 Concen: 77.762 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037547.D
 Acq: 25 Oct 2018 16:20

Instrument :
 BNA_G
 ClientSampleId :
 PB114142BL

Tot Ion	82	Resp	295991
Ion Ratio	Lower	Upper	
82	100		
128	44.4	34.6	51.8
54	56.1	45.3	67.9

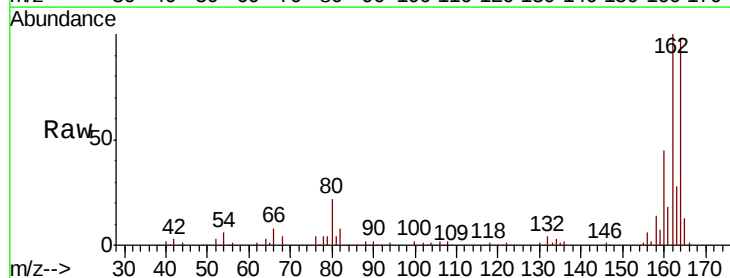


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

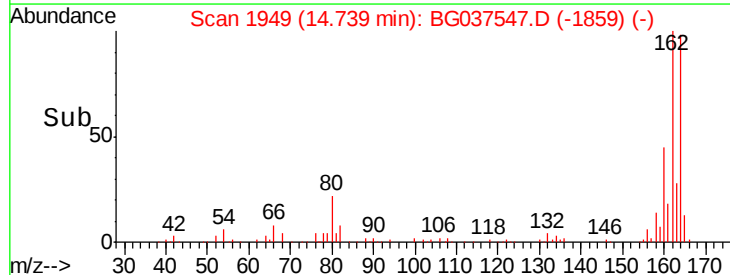
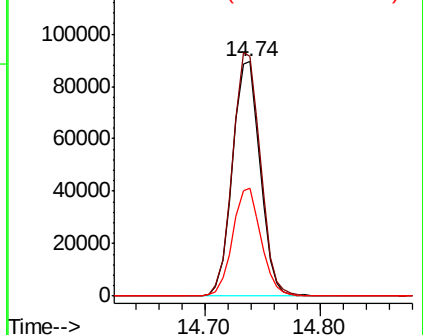


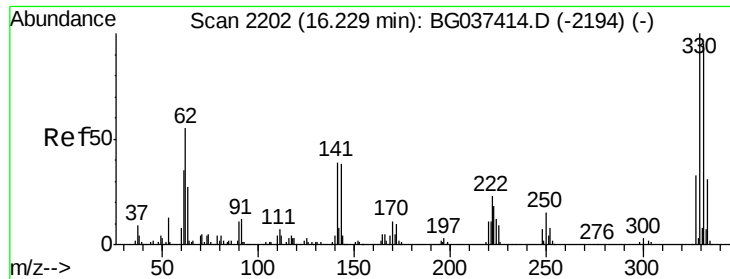
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: BG037547.D
 Acq: 25 Oct 2018 16:20

Tgt Ion	164	Resp	148642
Ion Ratio	Lower	Upper	
164	100		
162	102.4	81.3	121.9
160	46.2	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: 111.186 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037547.D

Acq: 25 Oct 2018 16:20

Instrument :

BNA_G

ClientSampled :

PB114142BL

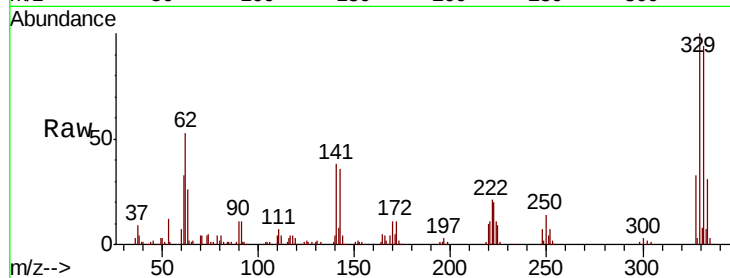
Tot Ion:330 Resp: 180258

Ion Ratio Lower Upper

330 100

332 95.8 78.4 117.6

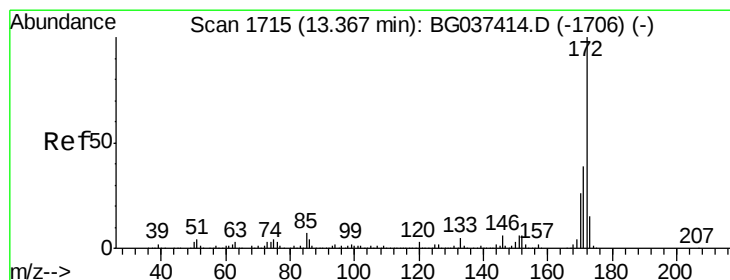
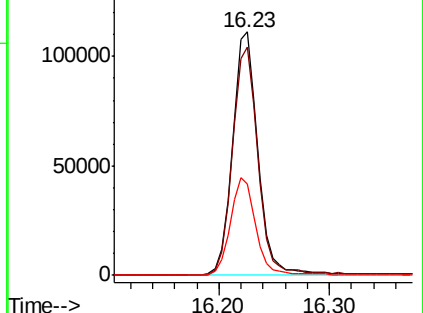
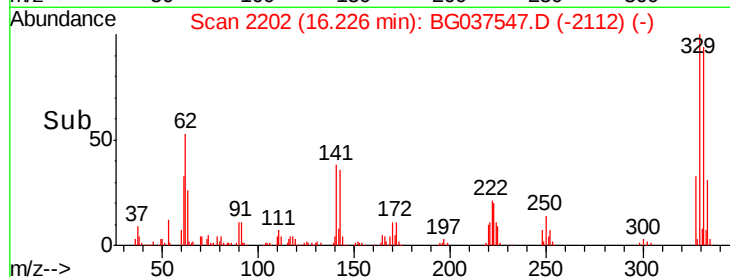
141 40.9 32.2 48.2



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: 75.652 ng

RT: 13.36 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG037547.D

Acq: 25 Oct 2018 16:20

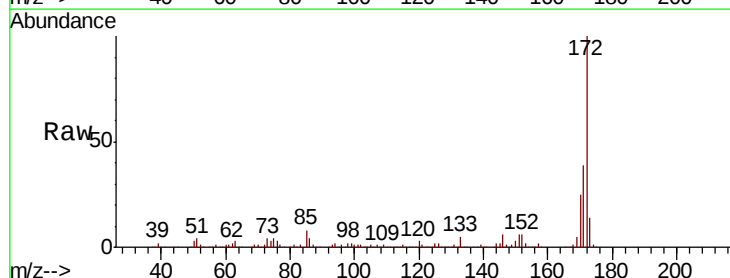
Tgt Ion:172 Resp: 745724

Ion Ratio Lower Upper

172 100

171 38.7 31.0 46.4

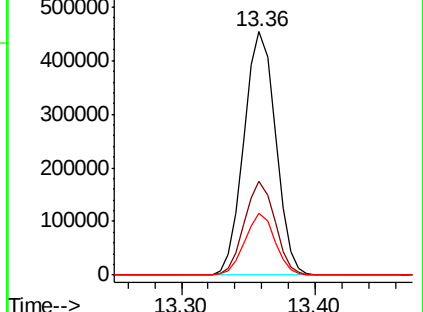
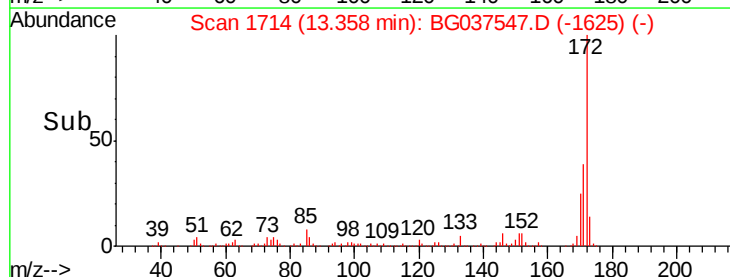
170 25.2 20.2 30.2

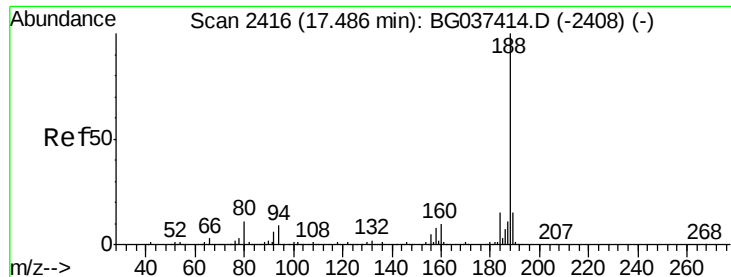


Abundance Ion 172.00 (171.70 to 172.70): E

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# 2416

Delta R.T. -0.00 min

Lab File: BG037547.D

Acq: 25 Oct 2018 16:20

Instrument :

BNA_G

ClientSampleId :

PB114142BL

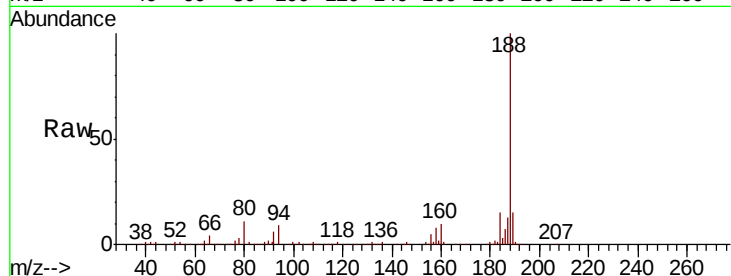
Tot Ion:188 Resp: 365241

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

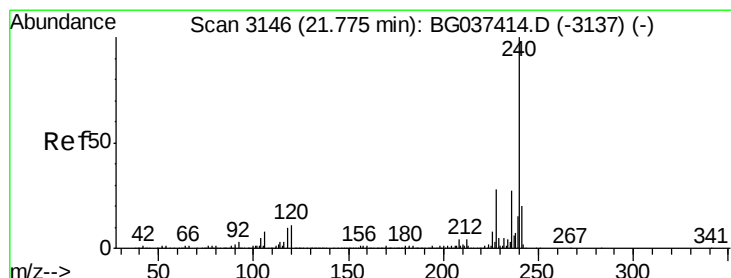
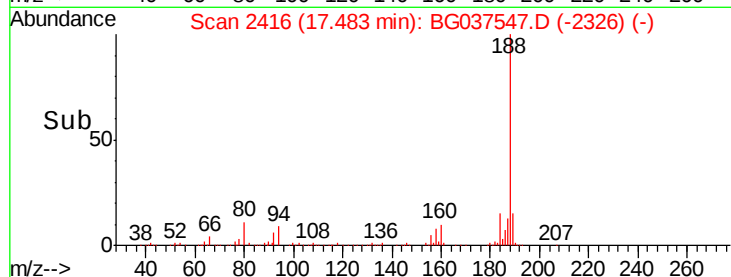
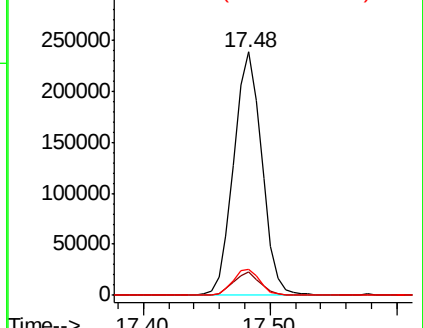
80 10.8 7.7 11.5



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: BG037547.D

Acq: 25 Oct 2018 16:20

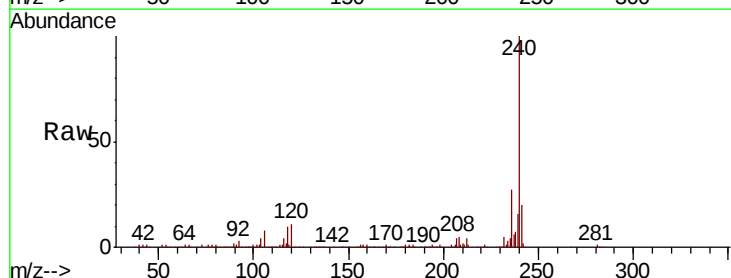
Tgt Ion:240 Resp: 337826

Ion Ratio Lower Upper

240 100

120 10.7 8.1 12.1

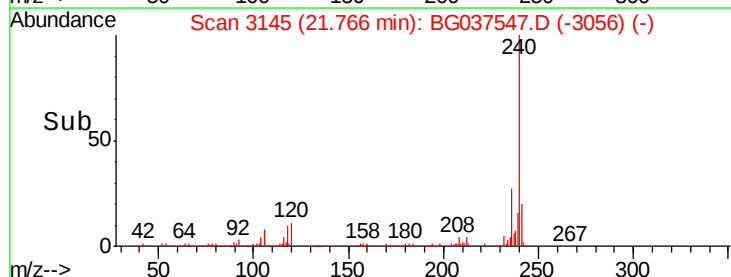
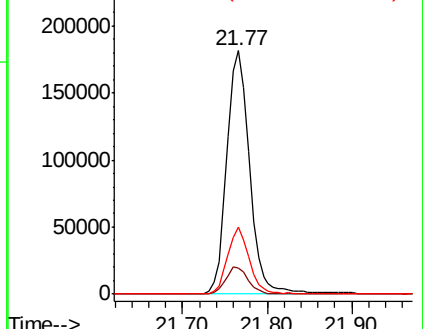
236 27.2 21.4 32.0

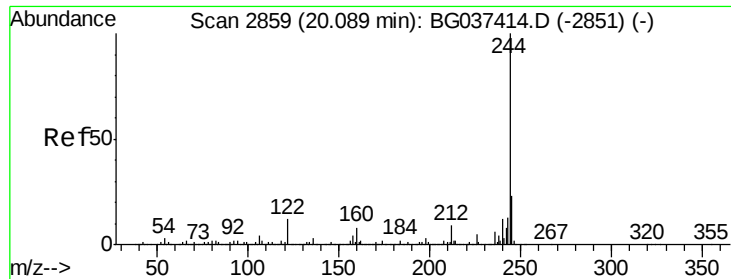


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 75.712 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037547.D

Acq: 25 Oct 2018 16:20

Instrument :

BNA_G

ClientSampleId :

PB114142BL

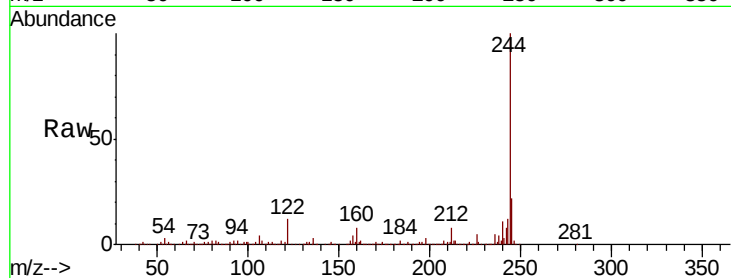
Tot Ion:244 Resp: 1197015

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

122 11.7 9.0 13.4

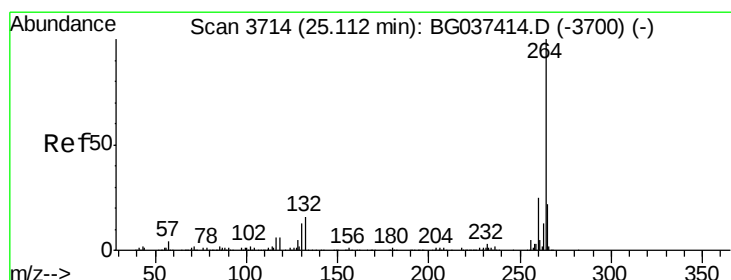
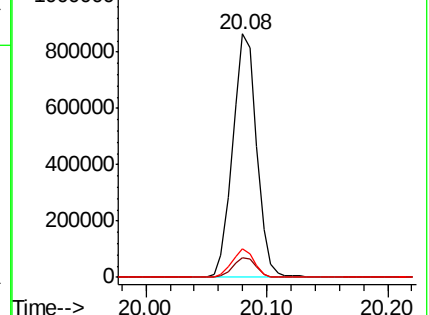
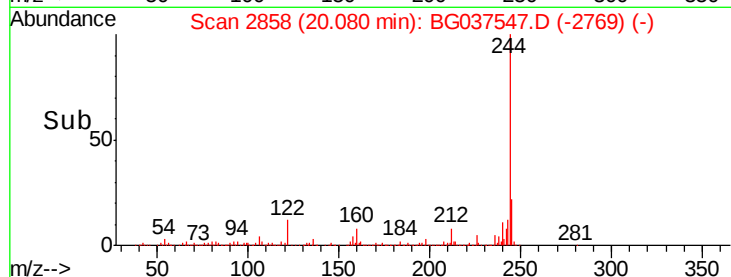


Abundance

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. -0.01 min

Lab File: BG037547.D

Acq: 25 Oct 2018 16:20

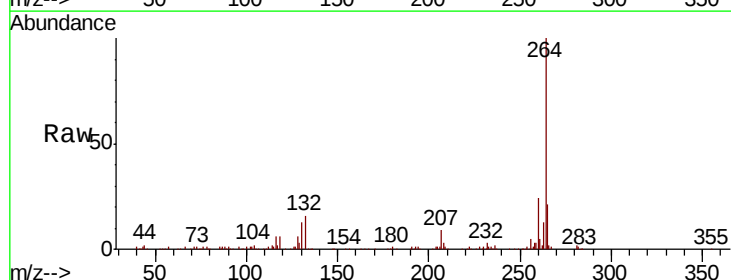
Tgt Ion:264 Resp: 303093

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.4

265 20.7 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

