

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
 Data File : BG037706.D
 Acq On : 1 Nov 2018 6:44
 Operator : JU/SJ
 Sample : J5737-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-B

Quant Time: Nov 01 09:25:56 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	51186	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	221982	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	152842	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	365895	20.00	ng	0.00
76) Chrysene-d12	21.76	240	335407	20.00	ng	-0.01
87) Perylene-d12	25.10	264	257286	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	349254	114.07	ng	0.00
7) Phenol-d6	7.24	99	457495	98.82	ng	0.00
23) Nitrobenzene-d5	9.28	82	338958	85.54	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	148636	89.16	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	793455	78.28	ng	-0.01
79) Terphenyl-d14	20.08	244	1298749	82.74	ng	0.00

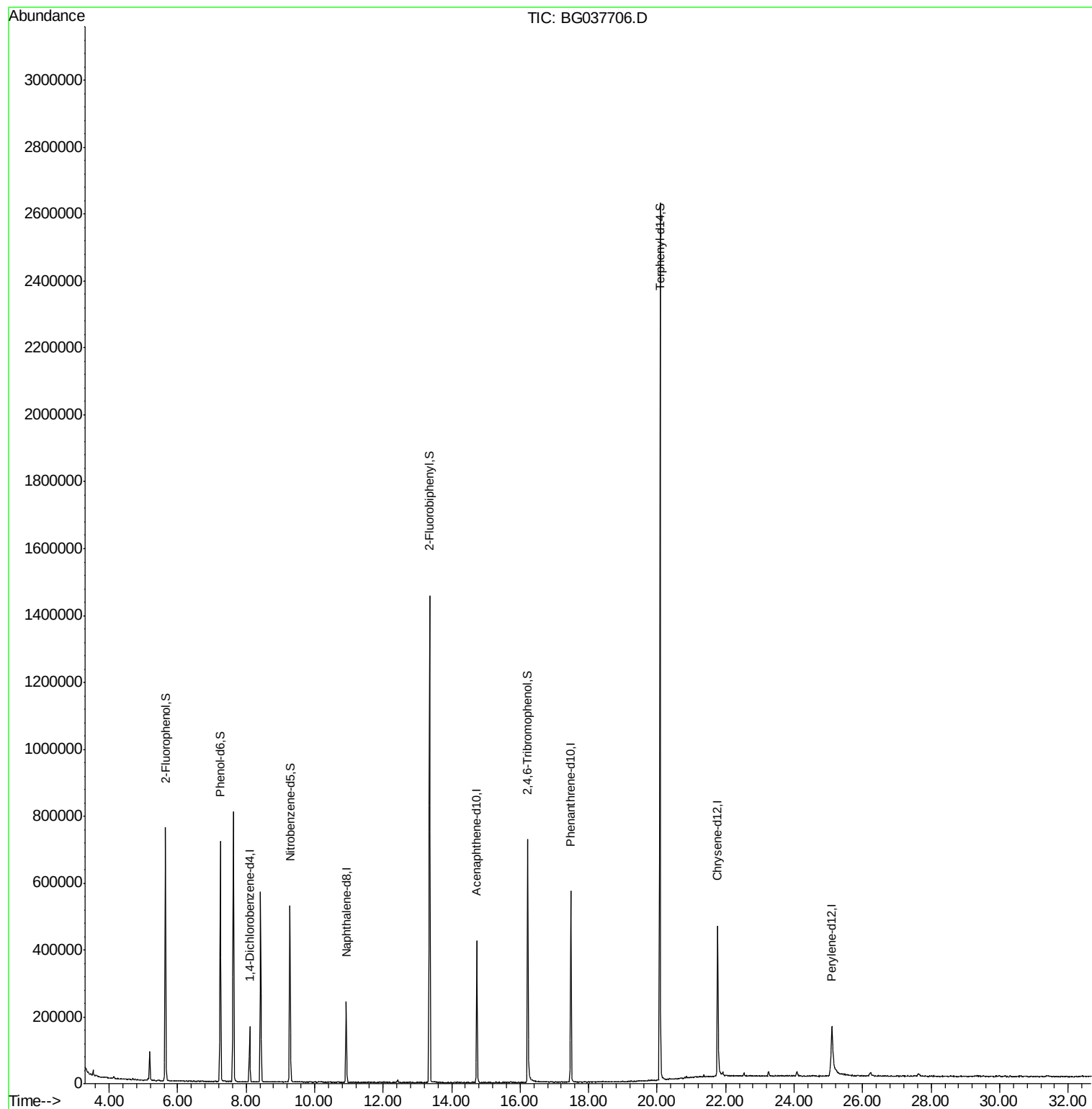
Target Compounds Qvalue

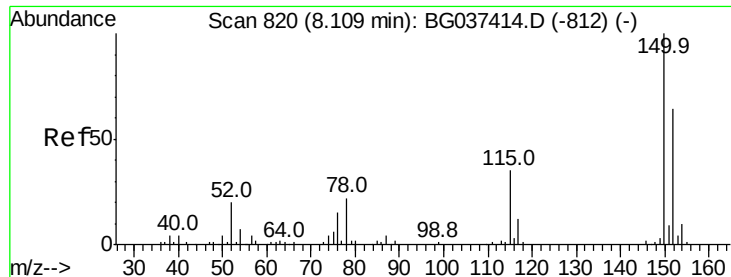
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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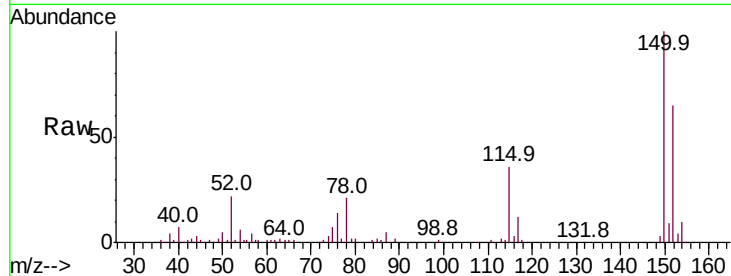


#1

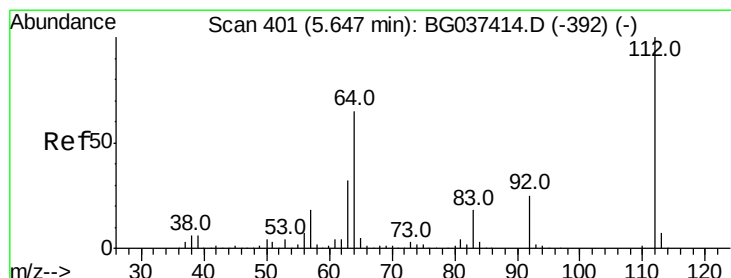
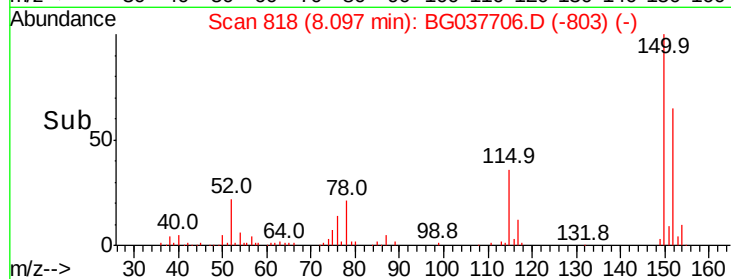
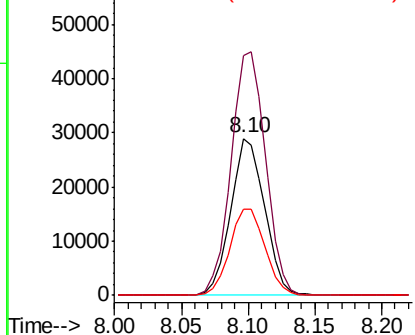
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037706.D
Acq: 1 Nov 2018 6:44

Instrument :
BNA_G
ClientSampleId :
TP-B

Tot Ion:152 Resp: 51186
Ion Ratio Lower Upper
152 100
150 153.1 126.0 189.0
115 54.9 45.5 68.3



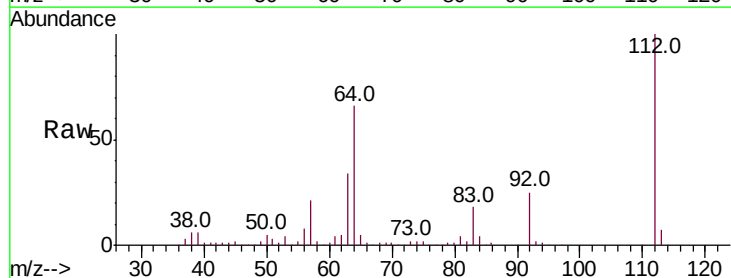
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



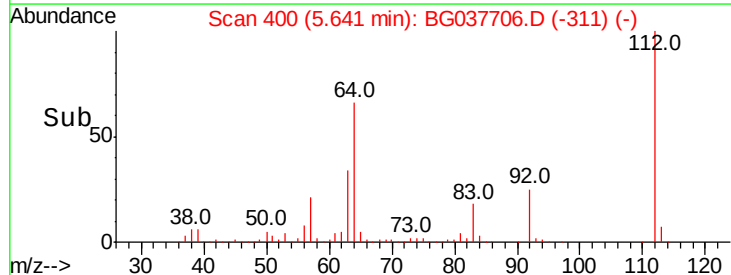
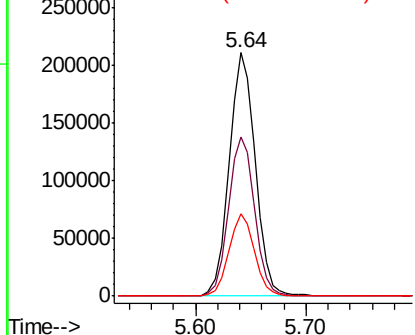
#5

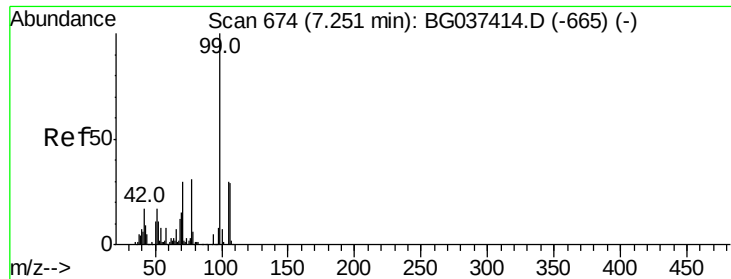
2-Fluorophenol
Concen: 114.074 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037706.D
Acq: 1 Nov 2018 6:44

Tgt Ion:112 Resp: 349254
Ion Ratio Lower Upper
112 100
64 65.6 53.1 79.7
63 33.7 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: 98.820 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037706.D

Acq: 1 Nov 2018 6:44

Instrument :

BNA_G

ClientSampleId :

TP-B

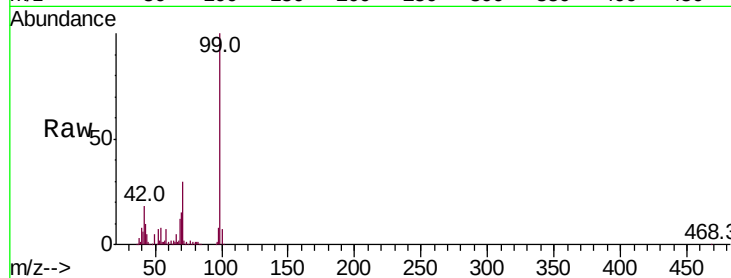
Tot Ion: 99 Resp: 457495

Ion Ratio Lower Upper

99 100

42 18.4 15.0 22.4

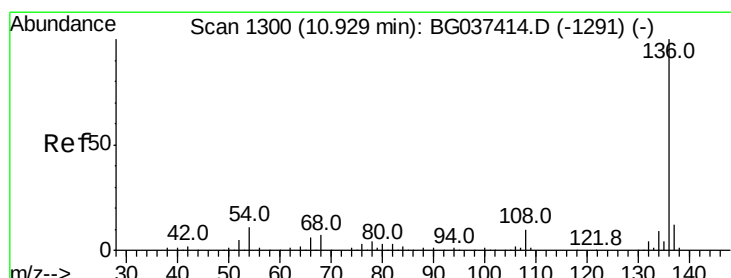
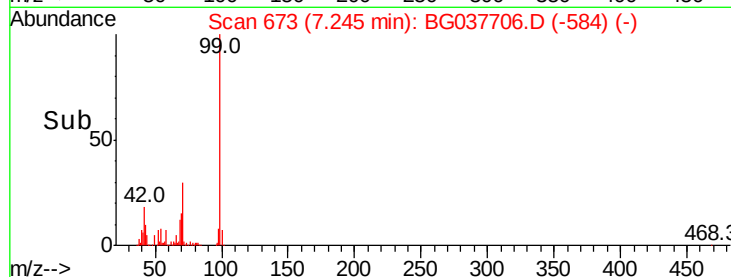
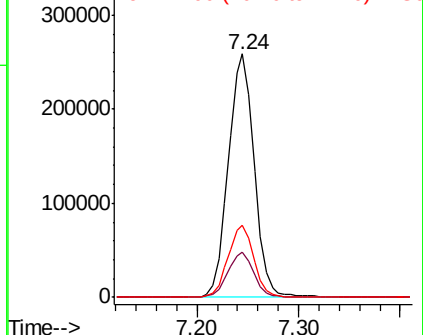
71 29.6 25.5 38.3



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: 10.92 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG037706.D

Acq: 1 Nov 2018 6:44

Tgt Ion: 136 Resp: 221982

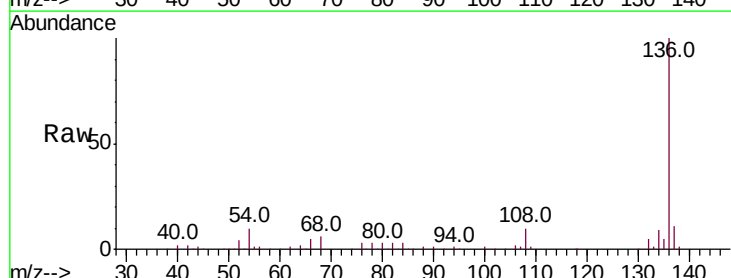
Ion Ratio Lower Upper

136 100

137 11.0 9.6 14.4

54 10.3 7.9 11.9

68 6.3 4.8 7.2

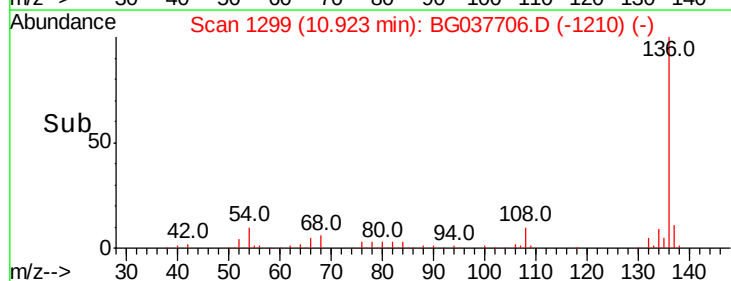
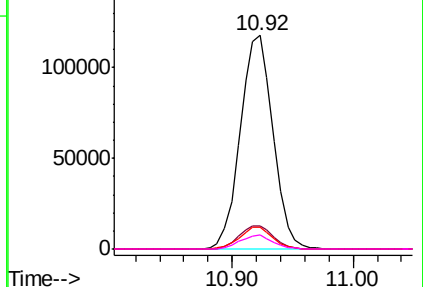


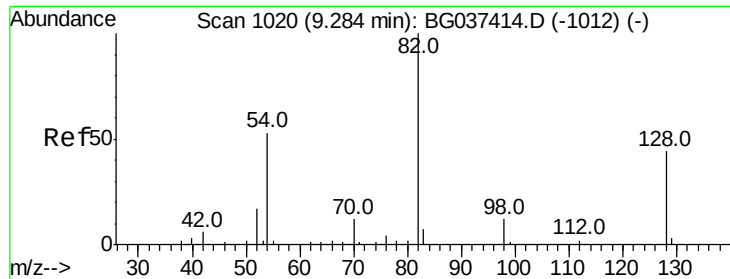
Abundance Ion 136.00 (135.70 to 136.70): E

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

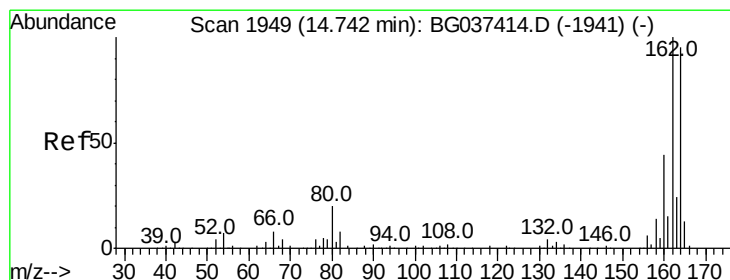
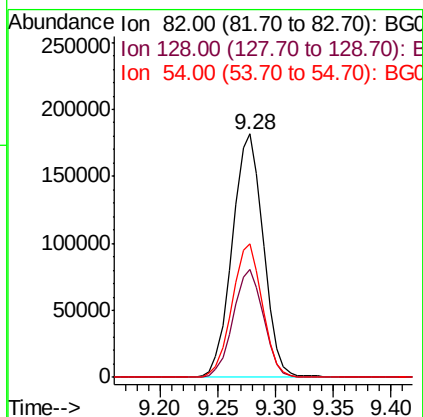
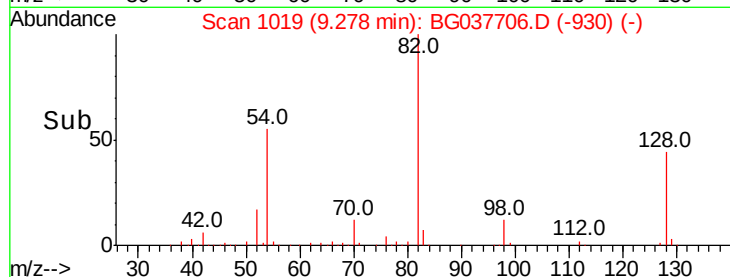
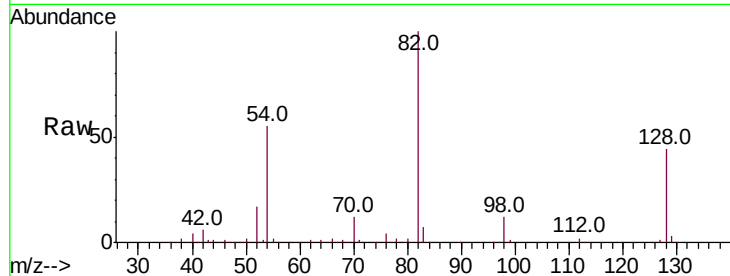




#23
Nitrobenzene-d5
Concen: 85.539 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037706.D
Acq: 1 Nov 2018 6:44

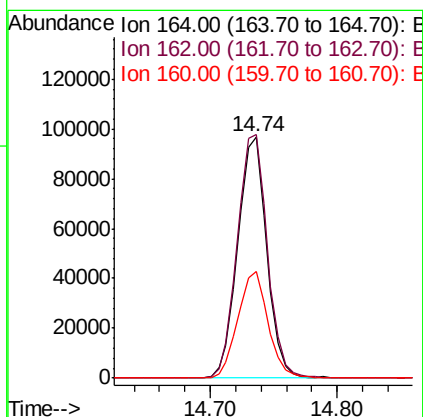
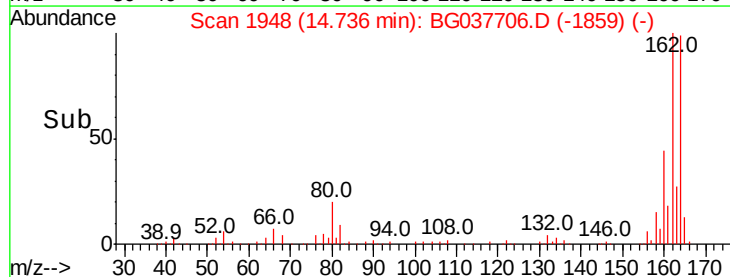
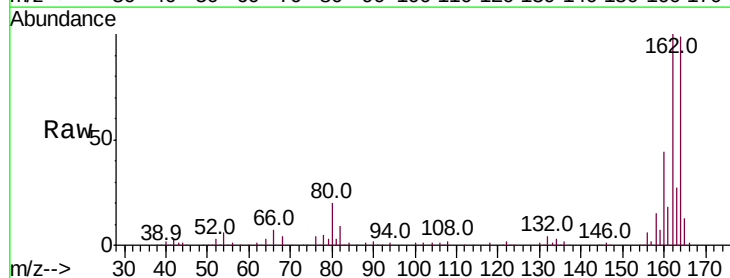
Instrument :
BNA_G
ClientSampled :
TP-B

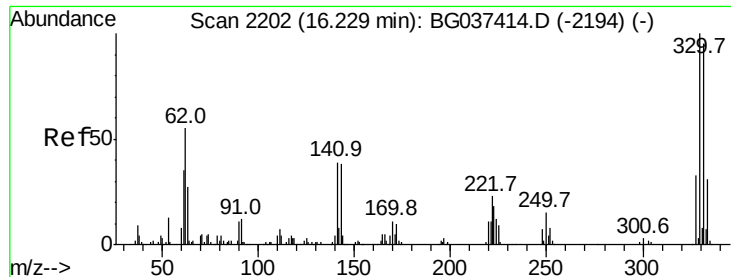
Tot Ion: 82 Resp: 338958
Ion Ratio Lower Upper
82 100
128 44.3 34.6 51.8
54 54.6 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037706.D
Acq: 1 Nov 2018 6:44

Tgt Ion: 164 Resp: 152842
Ion Ratio Lower Upper
164 100
162 100.9 81.3 121.9
160 44.1 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 89.162 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037706.D

Acq: 1 Nov 2018 6:44

Instrument :

BNA_G

ClientSampleId :

TP-B

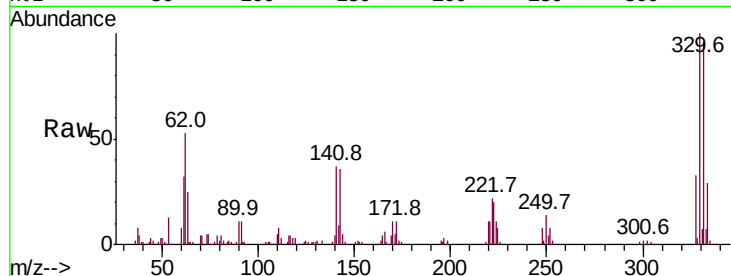
Tot Ion:330 Resp: 148636

Ion Ratio Lower Upper

330 100

332 94.0 78.4 117.6

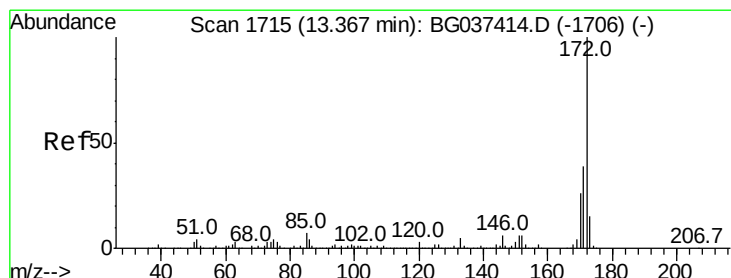
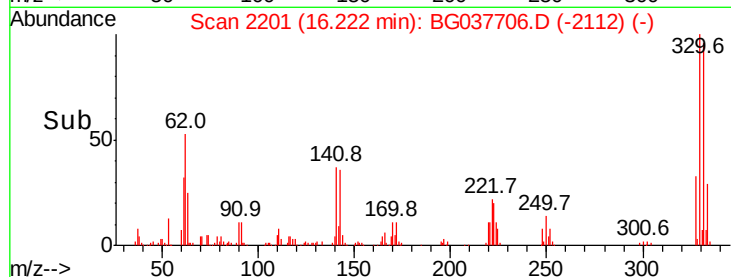
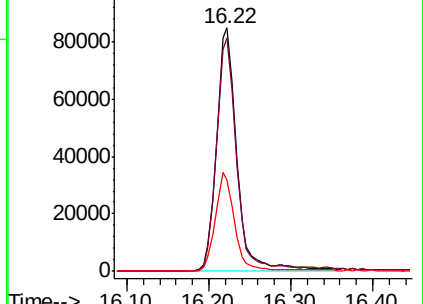
141 38.4 32.2 48.2



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: 78.283 ng

RT: 13.36 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BG037706.D

Acq: 1 Nov 2018 6:44

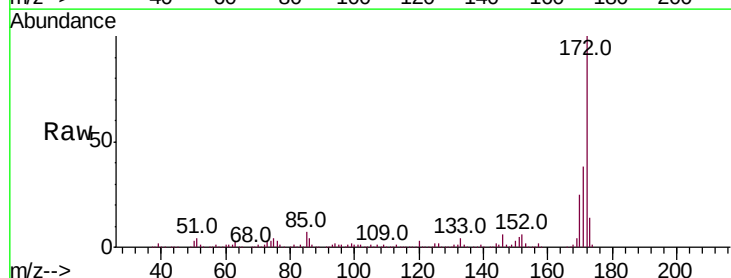
Tgt Ion:172 Resp: 793455

Ion Ratio Lower Upper

172 100

171 38.0 31.0 46.4

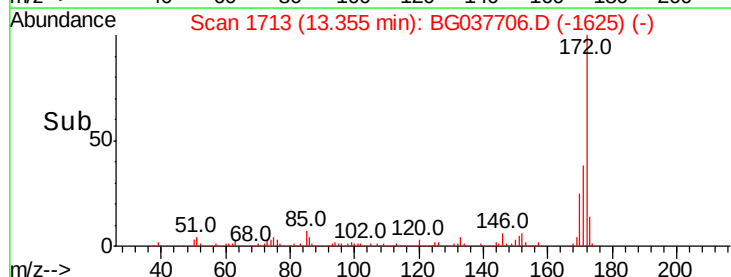
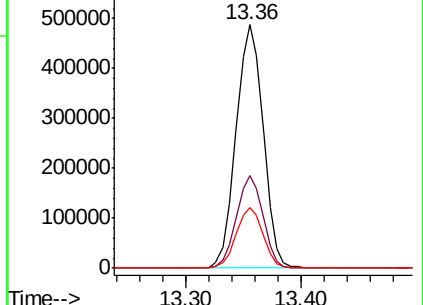
170 24.7 20.2 30.2

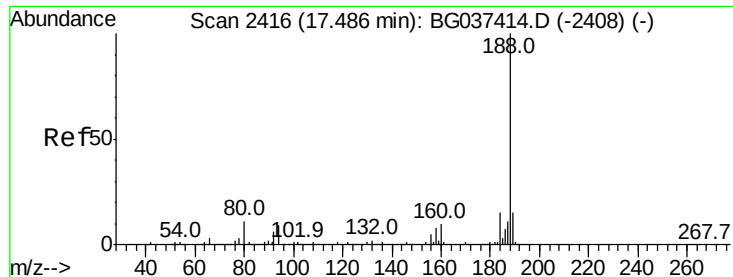


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG037706.D

Acq: 1 Nov 2018 6:44

Instrument :

BNA_G

ClientSampleId :

TP-B

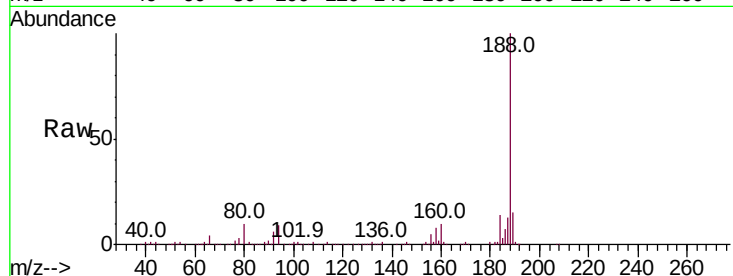
Tot Ion:188 Resp: 365895

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

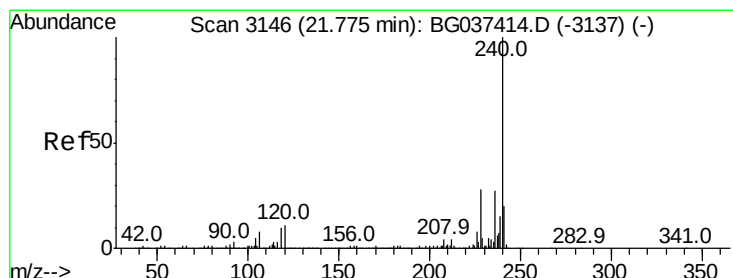
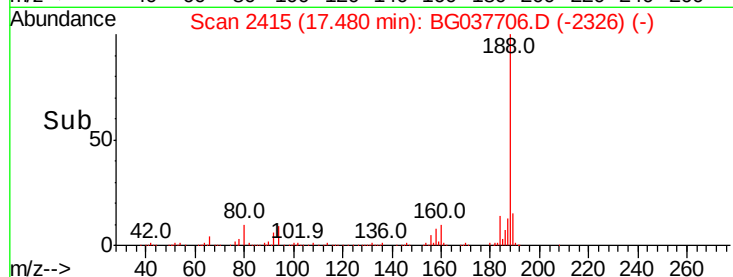
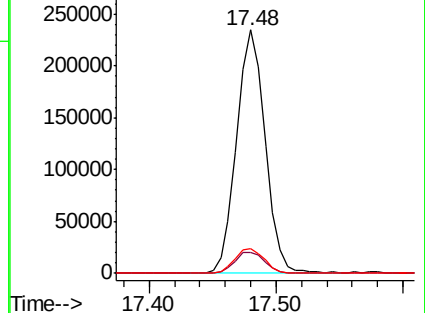
80 10.1 7.7 11.5



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: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG037706.D

Acq: 1 Nov 2018 6:44

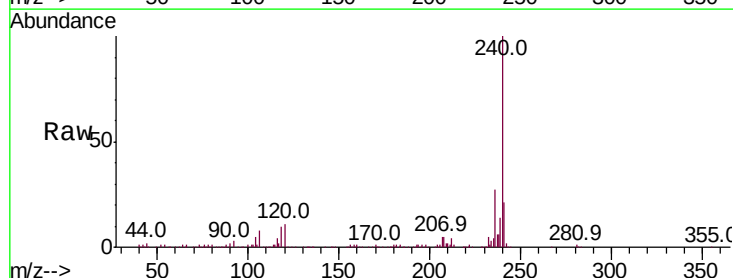
Tgt Ion:240 Resp: 335407

Ion Ratio Lower Upper

240 100

120 11.0 8.1 12.1

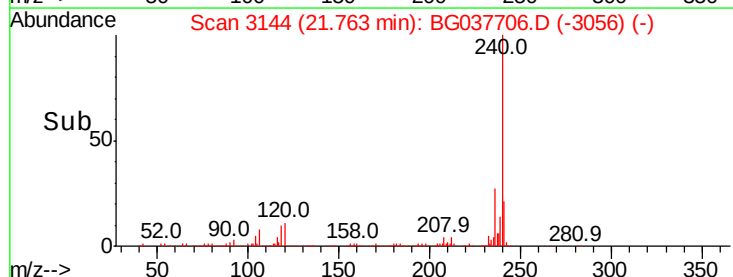
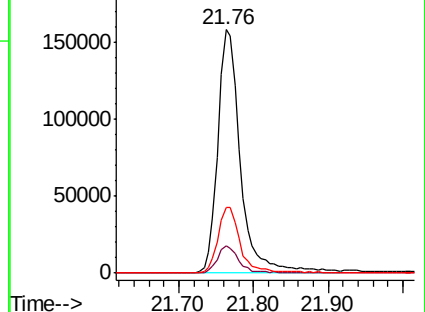
236 27.1 21.4 32.0

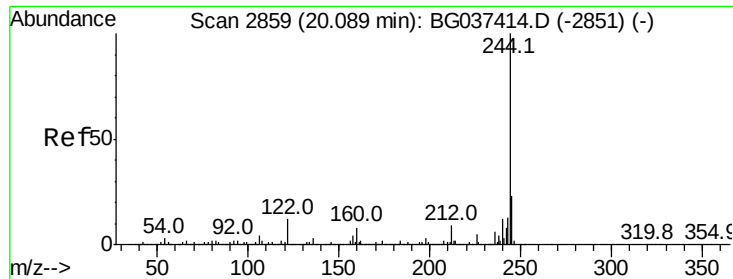


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 82.739 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037706.D

Acq: 1 Nov 2018 6:44

Instrument :

BNA_G

ClientSampleId :

TP-B

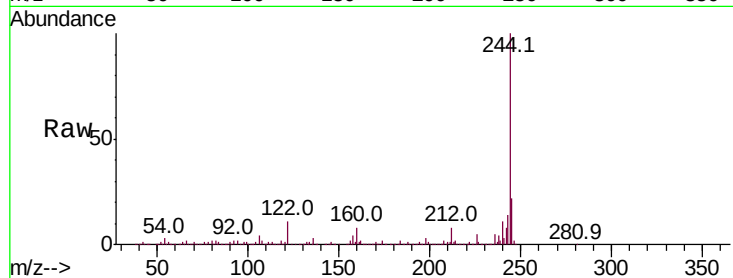
Tot Ion:244 Resp: 1298749

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

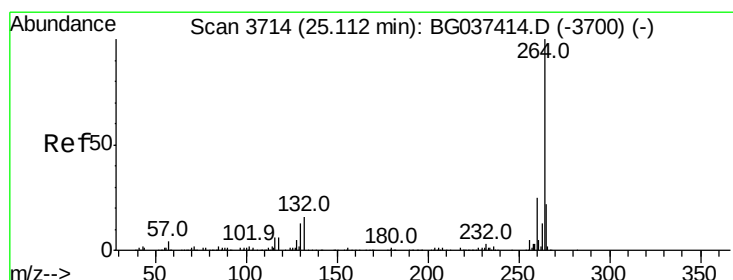
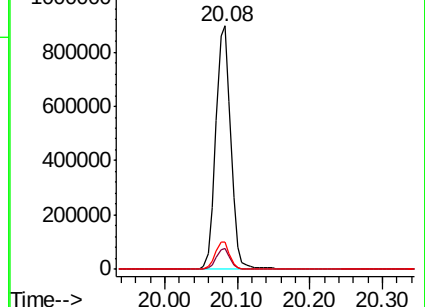
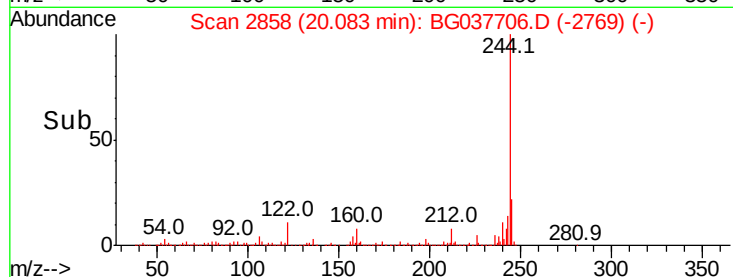
122 11.2 9.0 13.4



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: BG037706.D

Acq: 1 Nov 2018 6:44

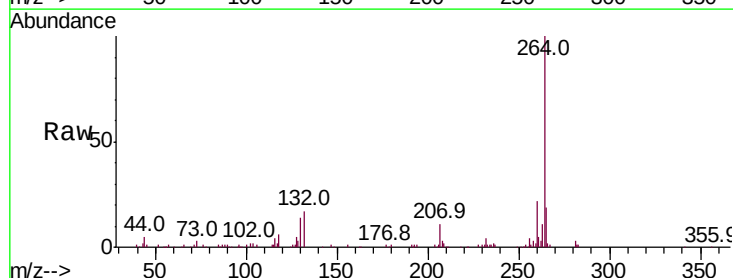
Tgt Ion:264 Resp: 257286

Ion Ratio Lower Upper

264 100

260 21.8 18.2 27.4

265 19.1 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

