

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
 Data File : BG037560.D
 Acq On : 26 Oct 2018 00:51
 Operator : JU/SJ
 Sample : PB114176BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114176BL

Quant Time: Oct 26 08:36:57 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	47175	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	212455	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	149245	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	370267	20.00	ng	0.00
76) Chrysene-d12	21.76	240	346281	20.00	ng	-0.01
87) Perylene-d12	25.09	264	325694	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	310217	109.94	ng	0.00
7) Phenol-d6	7.24	99	446364	104.61	ng	0.00
23) Nitrobenzene-d5	9.28	82	255546	67.38	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	168410	103.46	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	660532	66.74	ng	0.00
79) Terphenyl-d14	20.08	244	1089148	67.21	ng	0.00

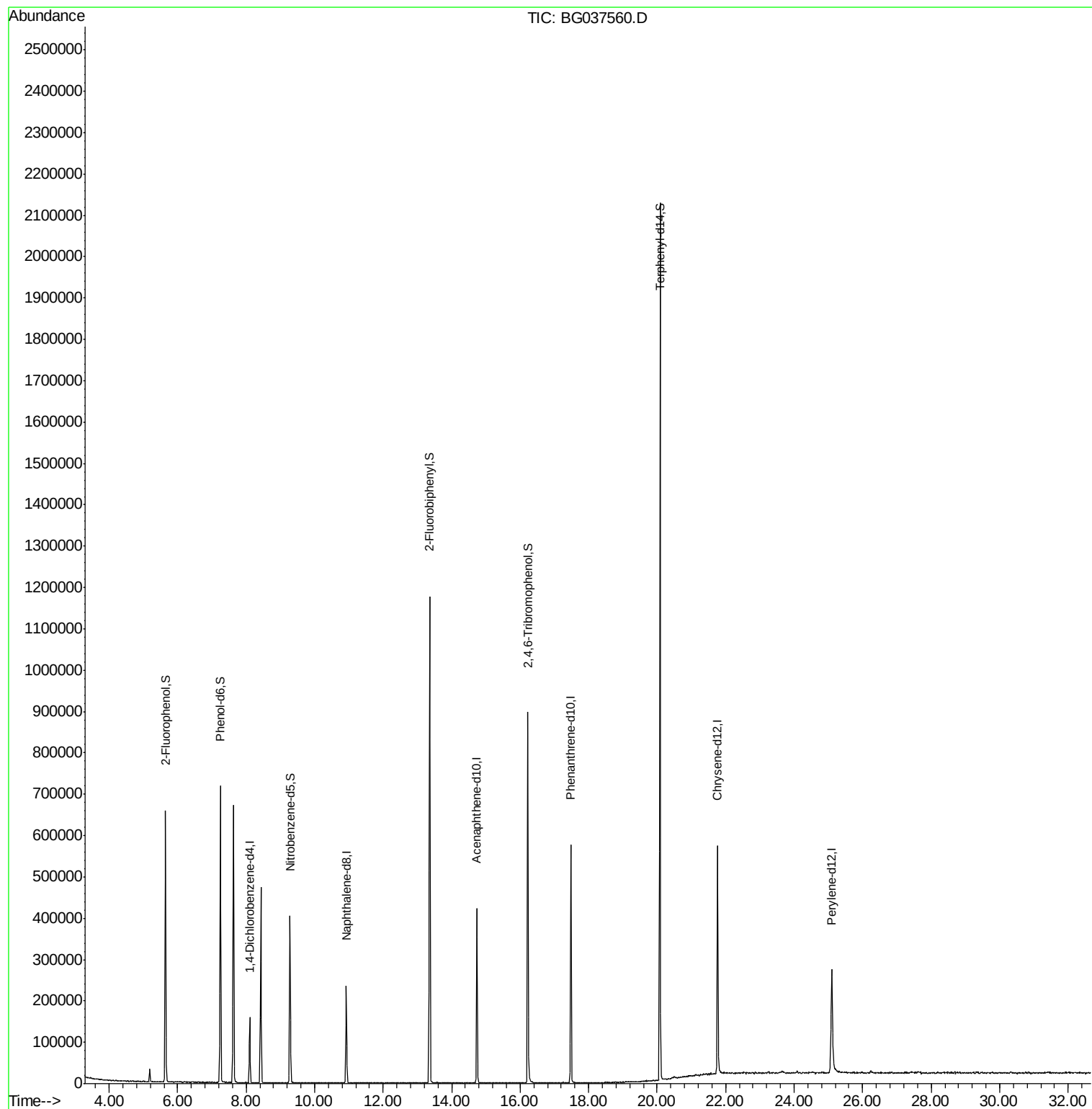
Target Compounds Qvalue

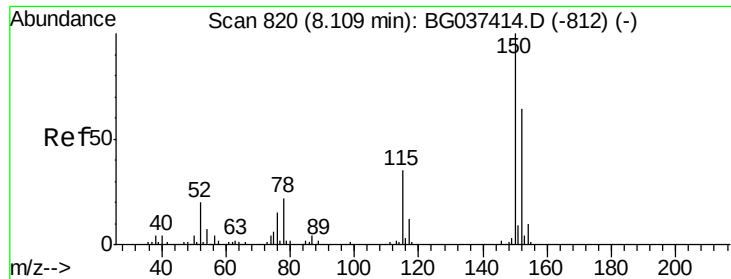
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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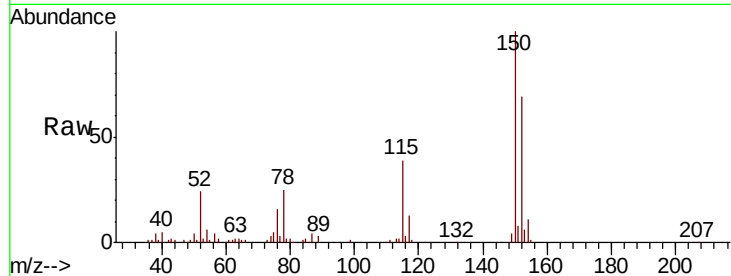


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037560.D
Acq: 26 Oct 2018 00:51

Instrument :
BNA_G
ClientSampleId :
PB114176BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.7	126.0	189.0
115	56.4	45.5	68.3

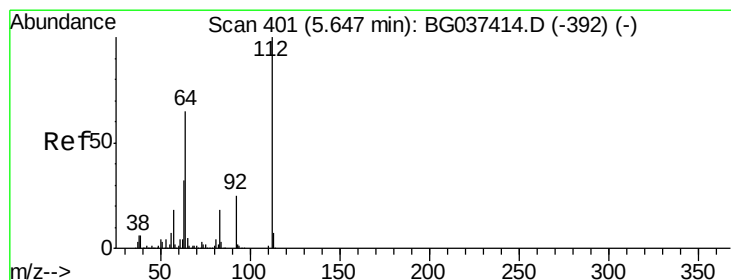
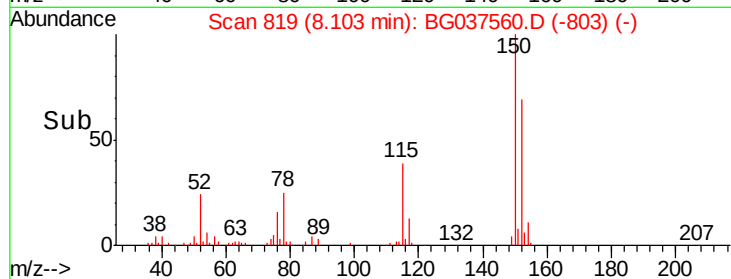
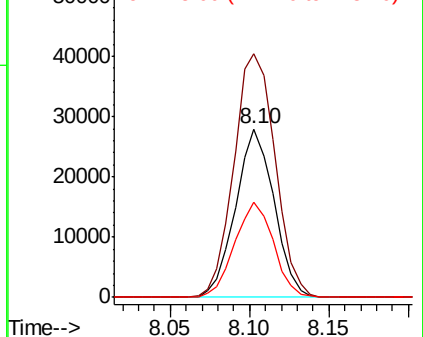


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

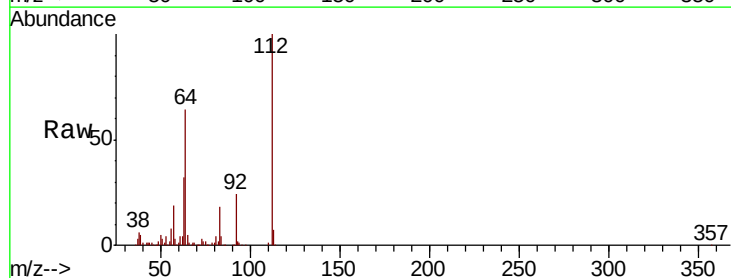
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 109.939 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037560.D
Acq: 26 Oct 2018 00:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	53.1	79.7
63	32.4	27.3	40.9

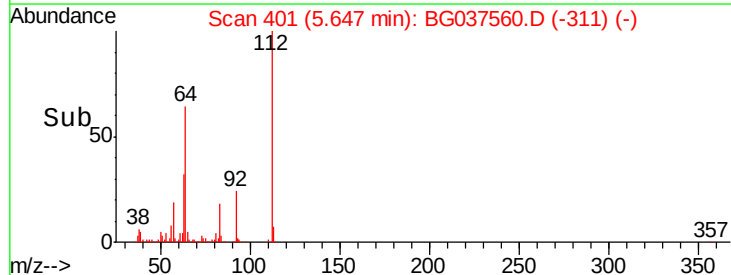
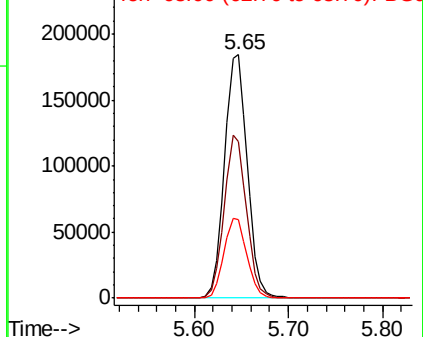


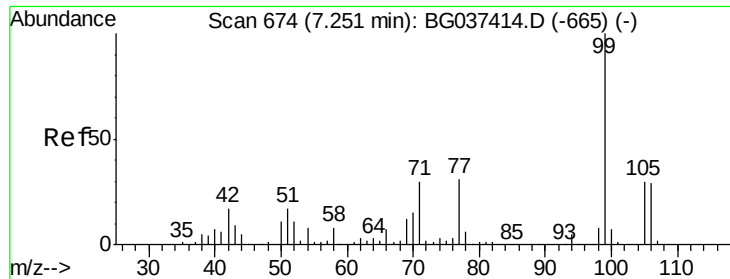
Abundance

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: 104.613 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037560.D

Acq: 26 Oct 2018 00:51

Instrument :

BNA_G

ClientSampleId :

PB114176BL

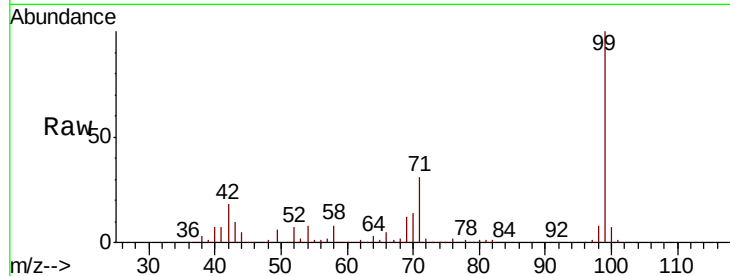
Tot Ion: 99 Resp: 446364

Ion Ratio Lower Upper

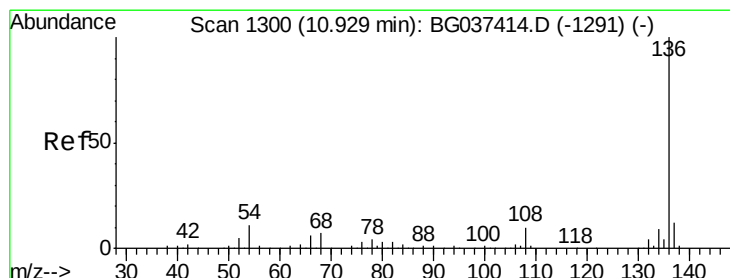
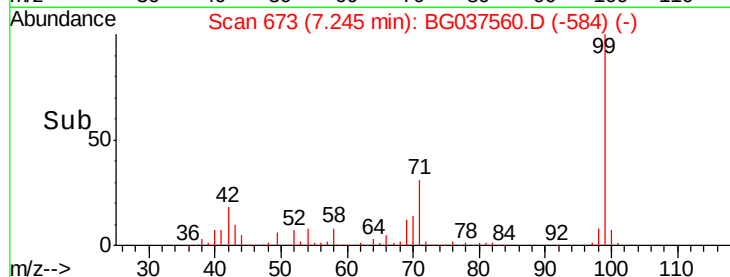
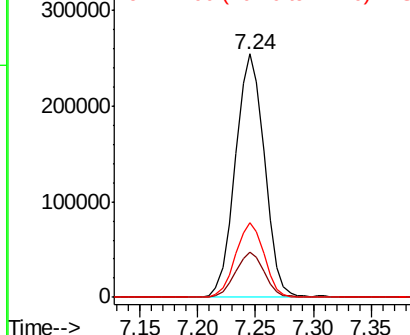
99 100

42 18.4 15.0 22.4

71 30.6 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: BG037560.D

Acq: 26 Oct 2018 00:51

Tgt Ion: 136 Resp: 212455

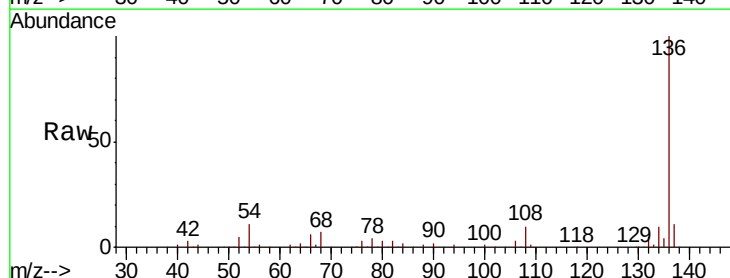
Ion Ratio Lower Upper

136 100

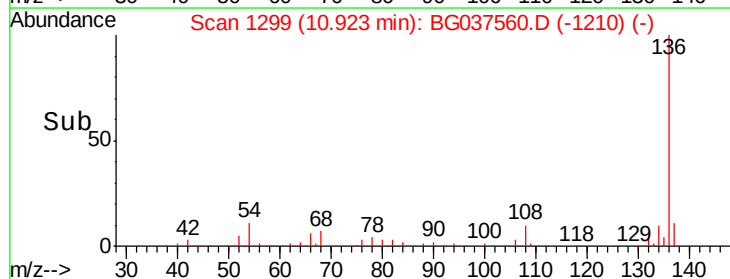
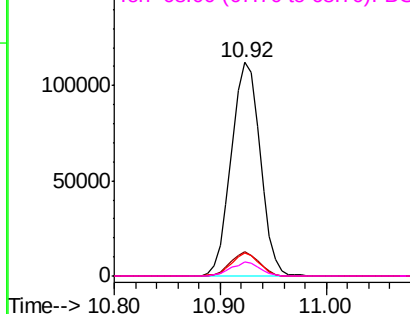
137 11.1 9.6 14.4

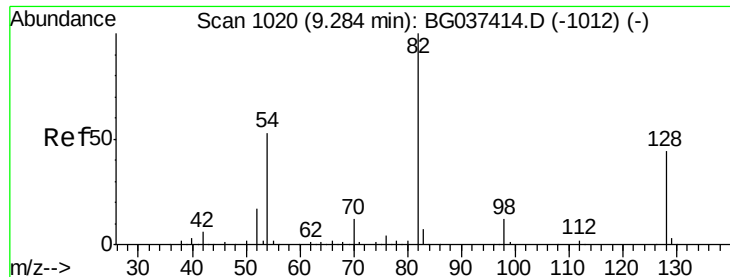
54 10.6 7.9 11.9

68 6.9 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

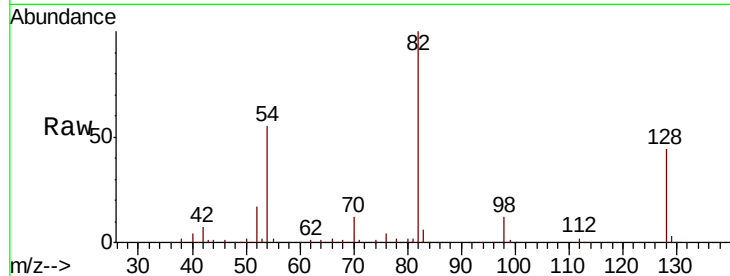




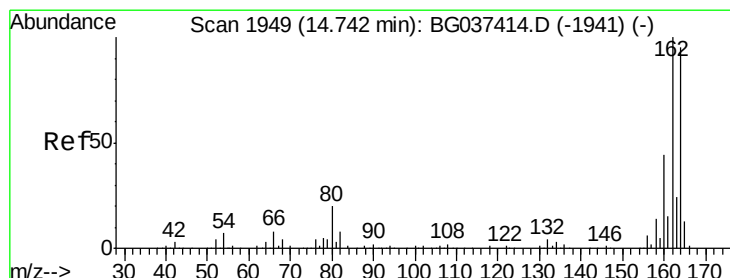
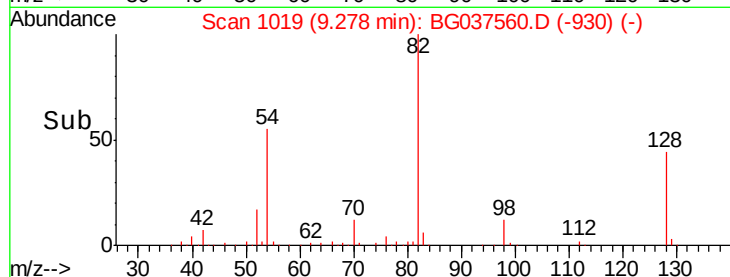
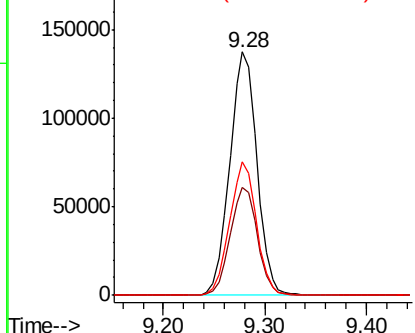
#23
 Nitrobenzene-d5
 Concen: 67.381 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037560.D
 Acq: 26 Oct 2018 00:51

Instrument :
 BNA_G
 ClientSampleId :
 PB114176BL

Tot Ion: 82 Resp: 255546
 Ion Ratio Lower Upper
 82 100
 128 44.3 34.6 51.8
 54 55.0 45.3 67.9

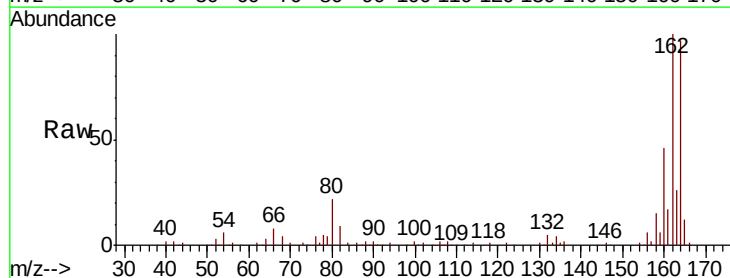


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

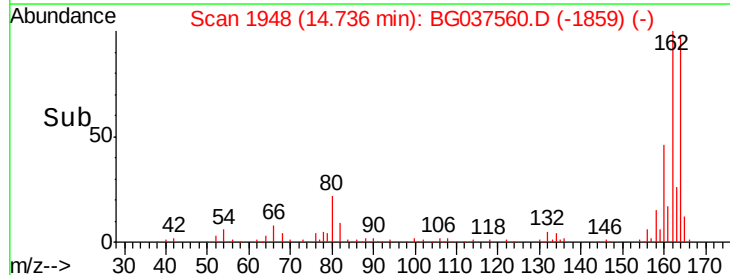
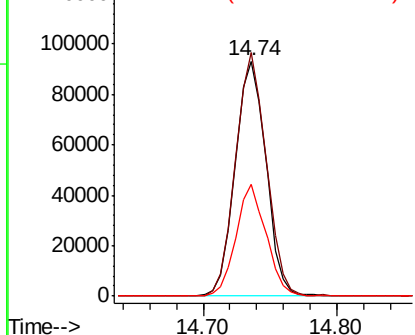


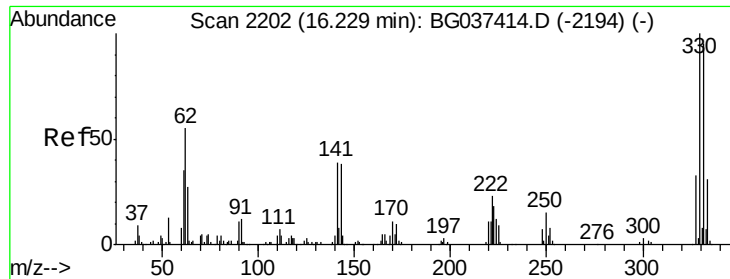
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG037560.D
 Acq: 26 Oct 2018 00:51

Tgt Ion: 164 Resp: 149245
 Ion Ratio Lower Upper
 164 100
 162 103.6 81.3 121.9
 160 47.5 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: 103.459 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037560.D

Acq: 26 Oct 2018 00:51

Instrument :

BNA_G

ClientSampleId :

PB114176BL

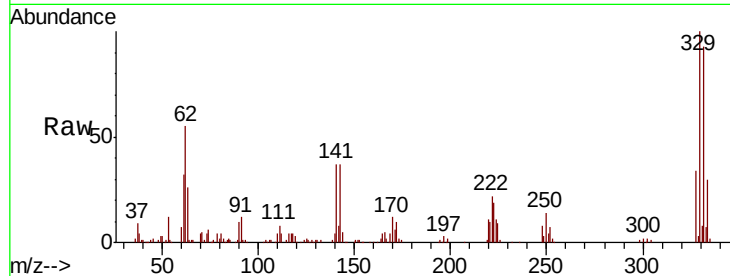
Tot Ion:330 Resp: 168410

Ion Ratio Lower Upper

330 100

332 94.0 78.4 117.6

141 39.2 32.2 48.2

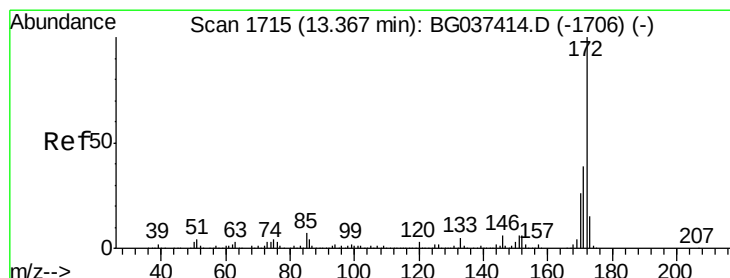
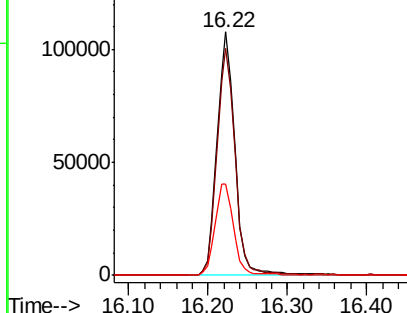
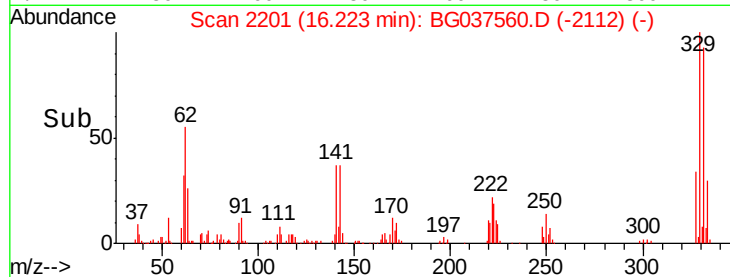


Abundance

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: 66.739 ng

RT: 13.36 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG037560.D

Acq: 26 Oct 2018 00:51

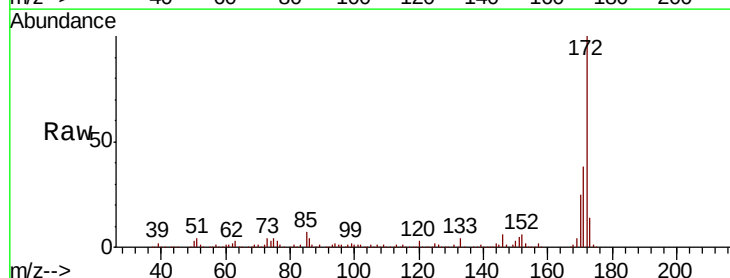
Tgt Ion:172 Resp: 660532

Ion Ratio Lower Upper

172 100

171 38.2 31.0 46.4

170 25.0 20.2 30.2

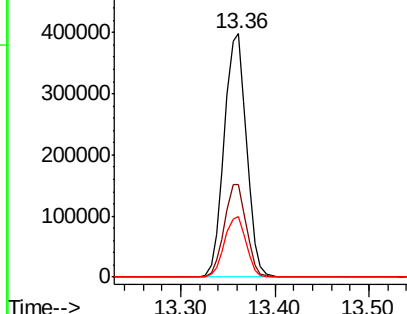
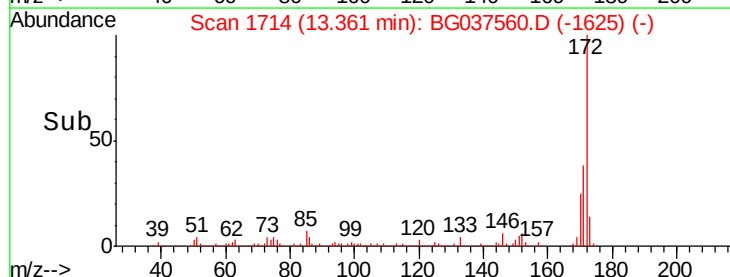


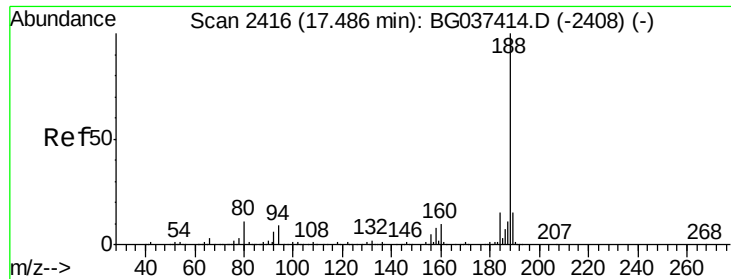
Abundance

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: BG037560.D

Acq: 26 Oct 2018 00:51

Instrument :

BNA_G

ClientSampleId :

PB114176BL

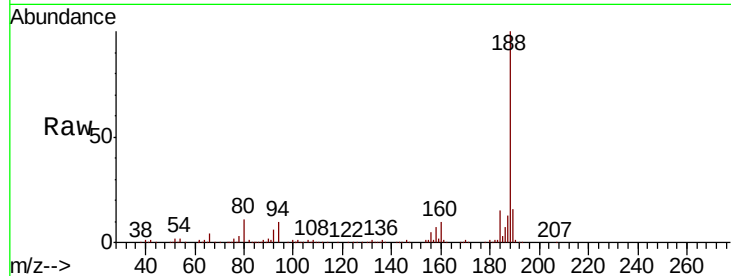
Tot Ion:188 Resp: 370267

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

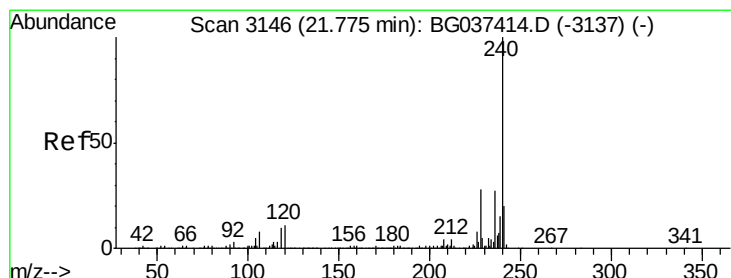
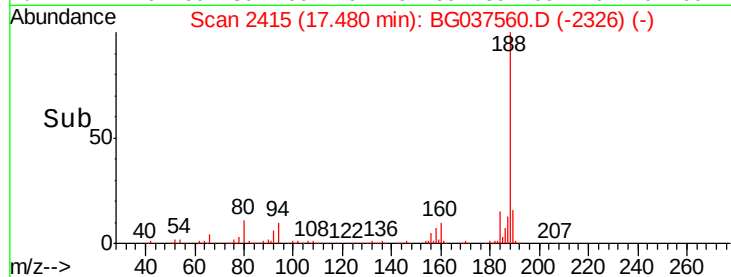
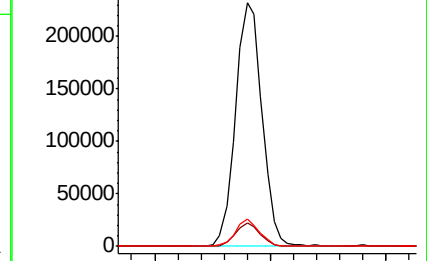
80 11.1 7.7 11.5



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: BG037560.D

Acq: 26 Oct 2018 00:51

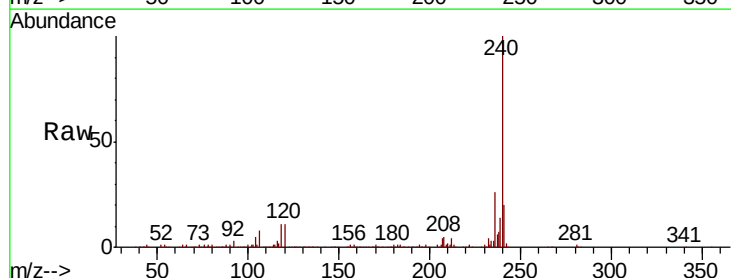
Tgt Ion:240 Resp: 346281

Ion Ratio Lower Upper

240 100

120 11.2 8.1 12.1

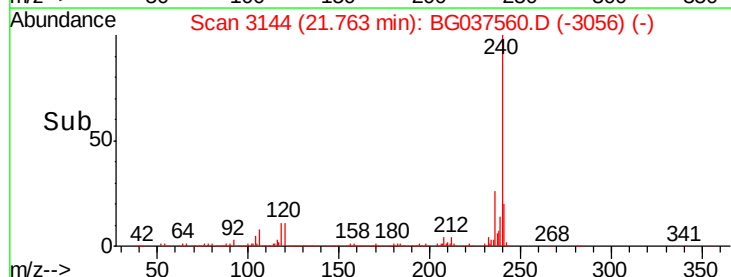
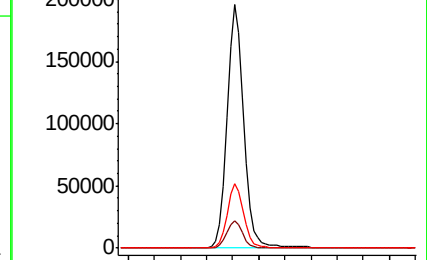
236 26.5 21.4 32.0

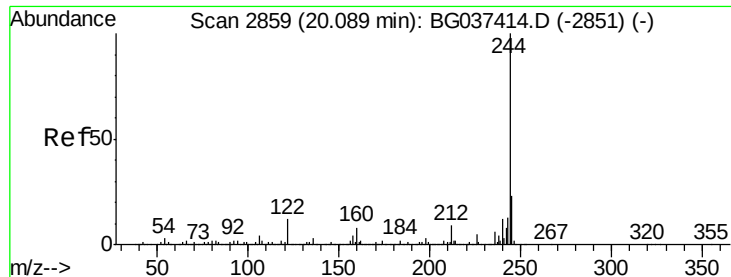


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 67.207 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037560.D

Acq: 26 Oct 2018 00:51

Instrument :

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PB114176BL

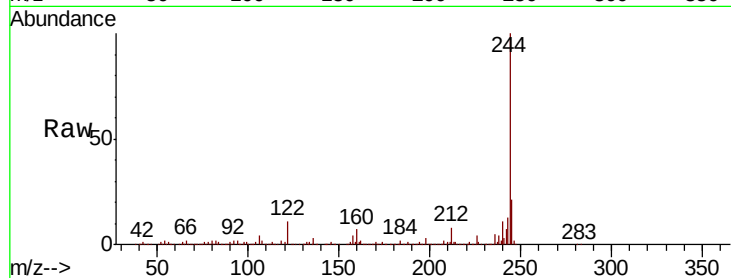
Tot Ion:244 Resp: 1089148

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

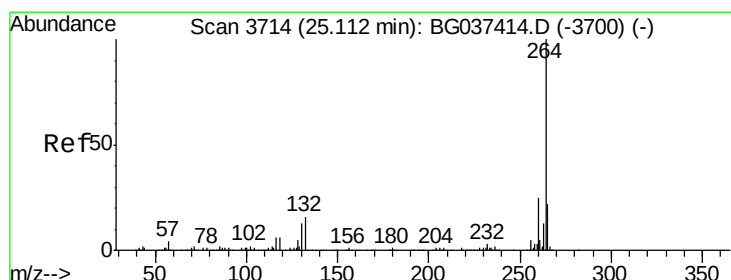
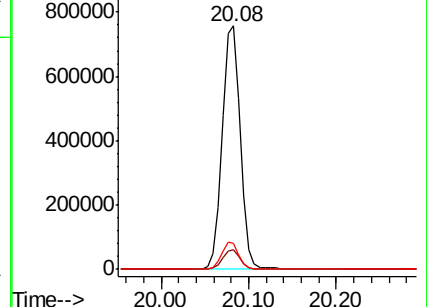
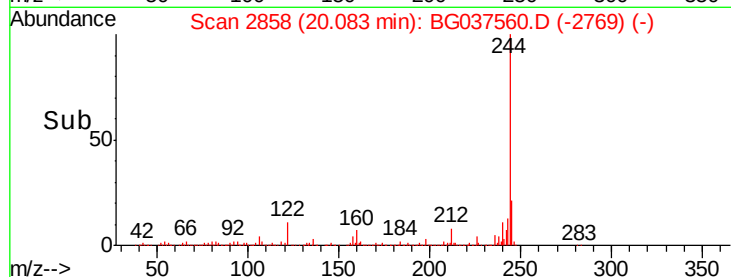
122 10.5 9.0 13.4



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: 25.09 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG037560.D

Acq: 26 Oct 2018 00:51

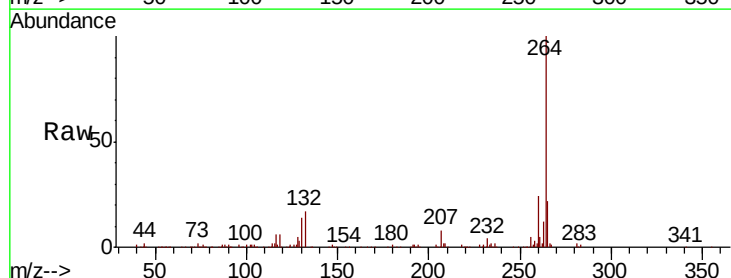
Tgt Ion:264 Resp: 325694

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

265 21.9 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

