

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120618\
 Data File : BG038379.D
 Acq On : 6 Dec 2018 11:33
 Operator : JU/SJ
 Sample : PB115213BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115213BL

Quant Time: Dec 06 14:29:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	23584	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	139500	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	66868	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	181035	20.00	ng	0.00
76) Chrysene-d12	21.73	240	215676	20.00	ng	-0.01
87) Perylene-d12	25.04	264	186348	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	156340	117.31	ng	0.00
7) Phenol-d6	7.22	99	236021	122.53	ng	0.00
23) Nitrobenzene-d5	9.25	82	136901	48.72	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	95250	116.03	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	332621	70.88	ng	0.00
79) Terphenyl-d14	20.06	244	656283	65.19	ng	0.00

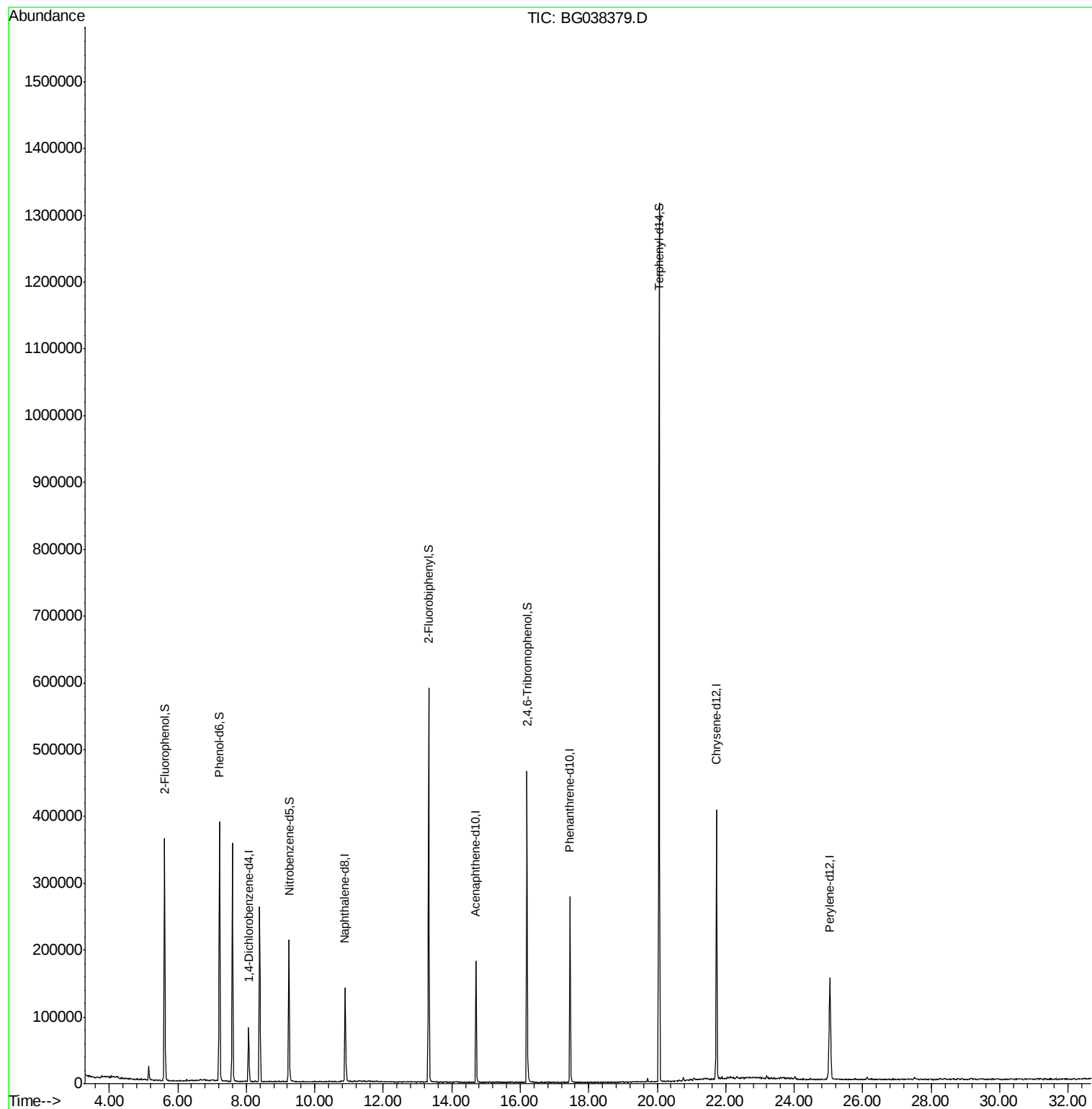
Target Compounds Qvalue

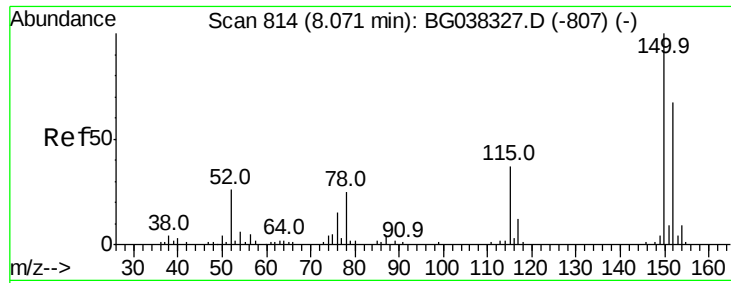
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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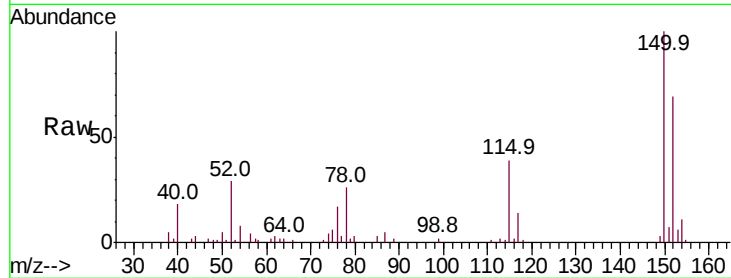


#1

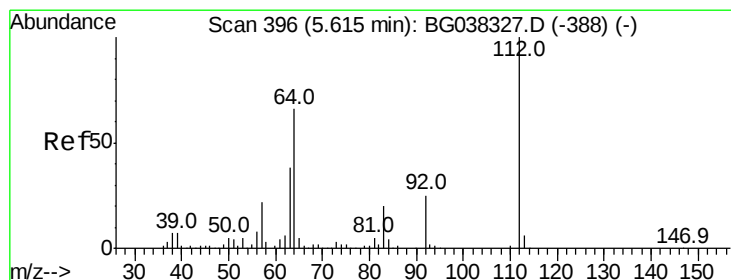
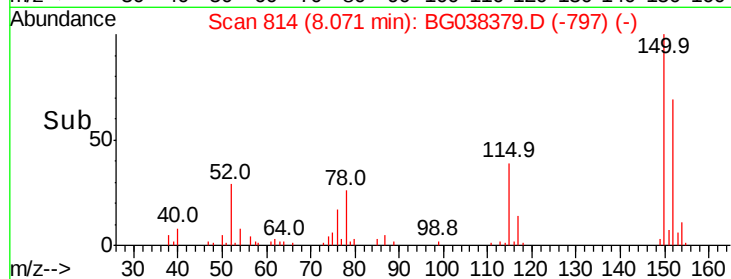
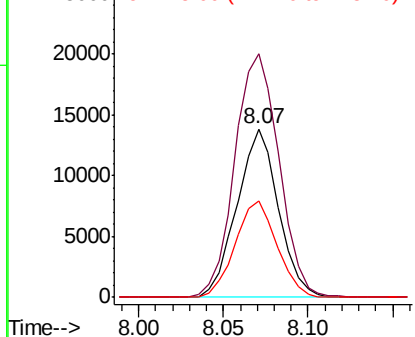
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038379.D
Acq: 6 Dec 2018 11:33

Instrument :
BNA_G
ClientSampleId :
PB115213BL

Tot Ion:152 Resp: 23584
Ion Ratio Lower Upper
152 100
150 144.4 126.0 189.0
115 57.0 45.5 68.3



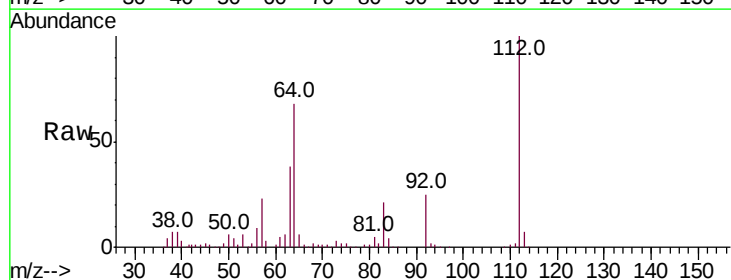
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



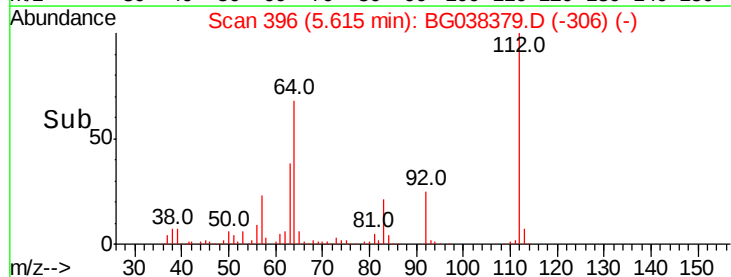
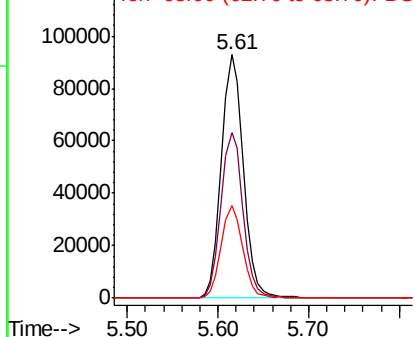
#5

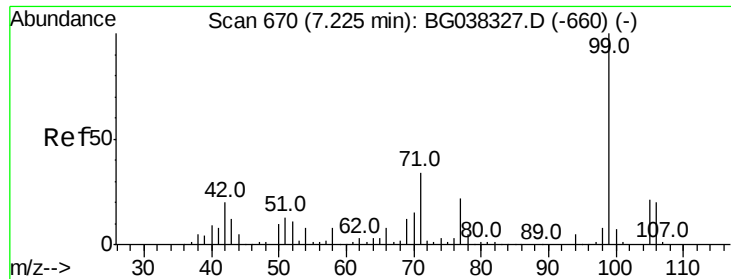
2-Fluorophenol
Concen: 117.311 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG038379.D
Acq: 6 Dec 2018 11:33

Tgt Ion:112 Resp: 156340
Ion Ratio Lower Upper
112 100
64 67.8 53.1 79.7
63 37.8 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: 122.532 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038379.D

Acq: 6 Dec 2018 11:33

Instrument :

BNA_G

ClientSampleId :

PB115213BL

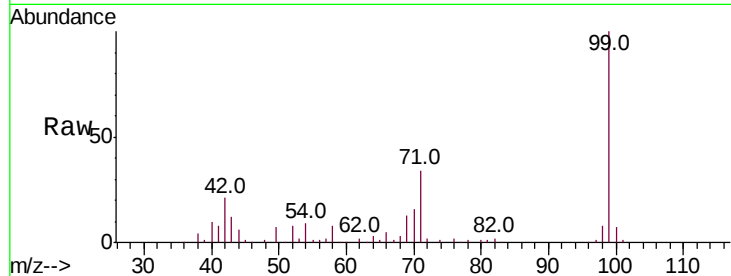
Tot Ion: 99 Resp: 236021

Ion Ratio Lower Upper

99 100

42 21.5 15.0 22.4

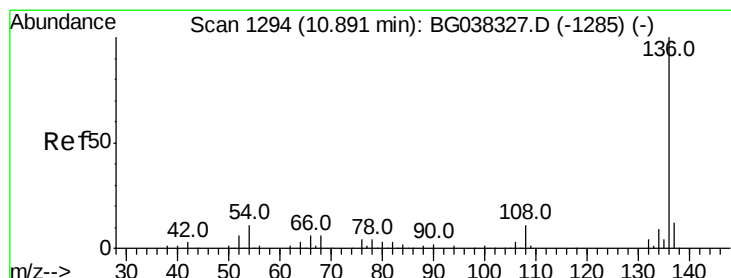
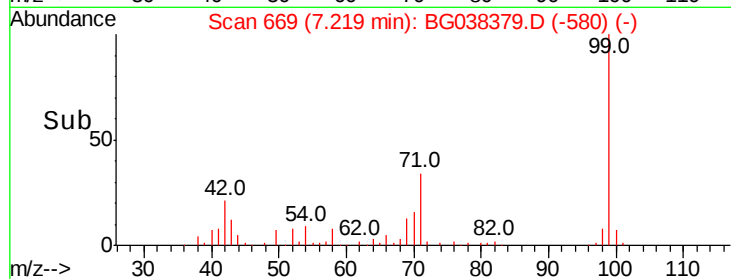
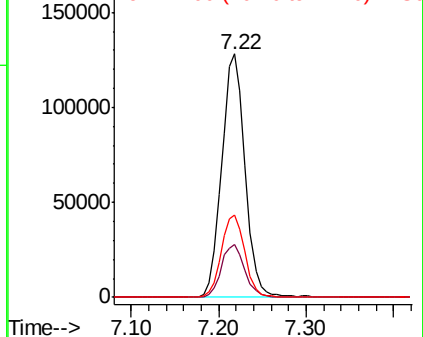
71 33.7 25.5 38.3



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.89 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG038379.D

Acq: 6 Dec 2018 11:33

Tgt Ion: 136 Resp: 139500

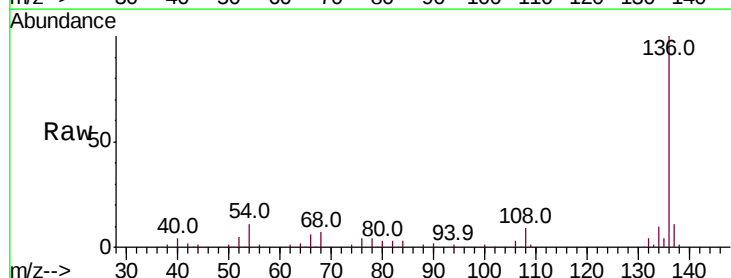
Ion Ratio Lower Upper

136 100

137 10.9 9.6 14.4

54 11.1 7.9 11.9

68 7.2 4.8 7.2#

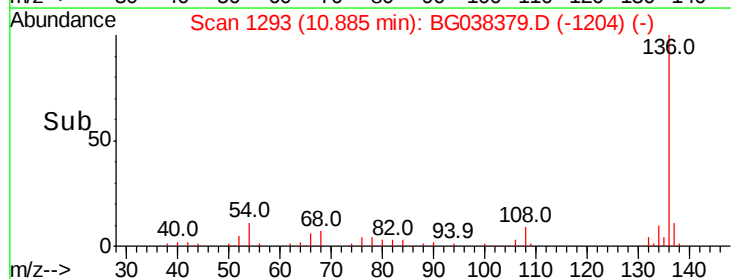
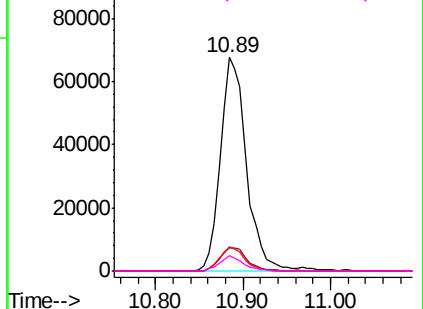


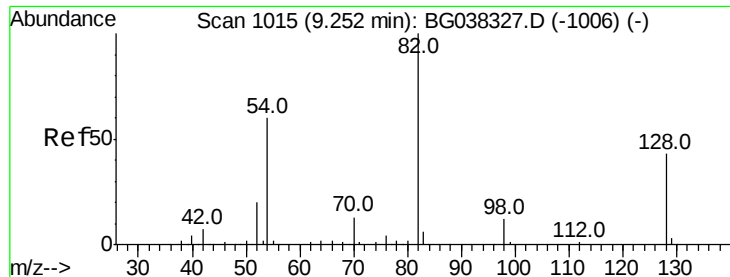
Abundance Ion 136.00 (135.70 to 136.70): E

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

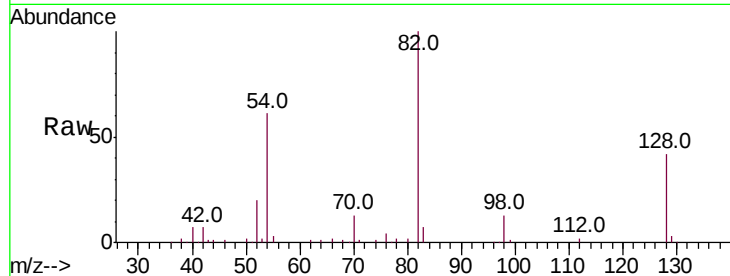




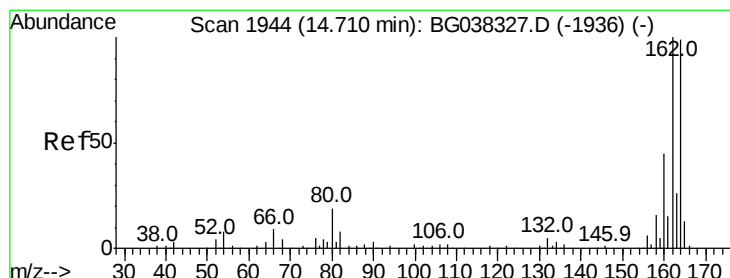
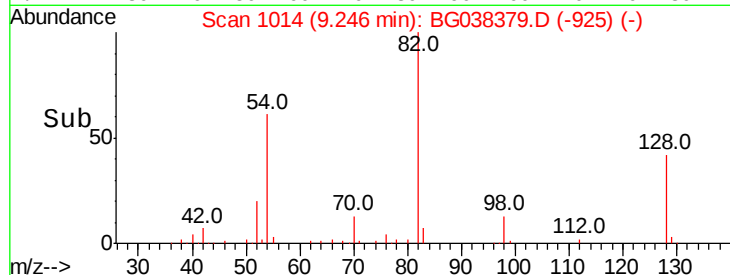
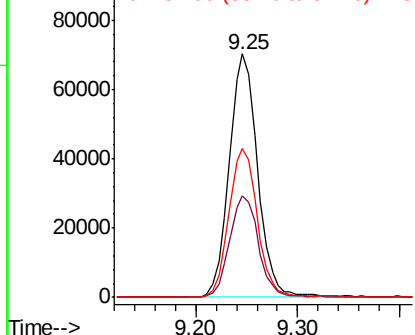
#23
Nitrobenzene-d5
Concen: 48.723 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038379.D
Acq: 6 Dec 2018 11:33

Instrument :
BNA_G
ClientSampleId :
PB115213BL

Tot Ion: 82 Resp: 136901
Ion Ratio Lower Upper
82 100
128 41.9 34.6 51.8
54 61.0 45.3 67.9

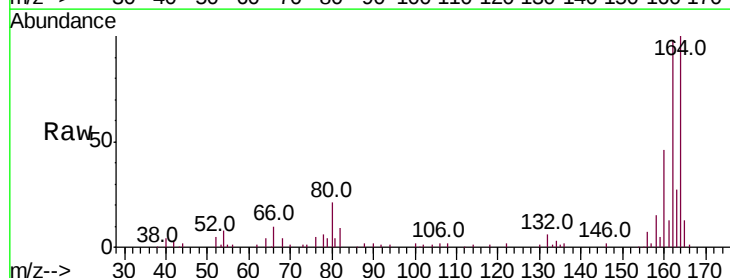


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

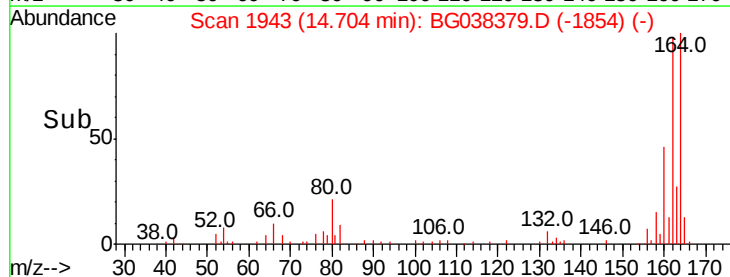
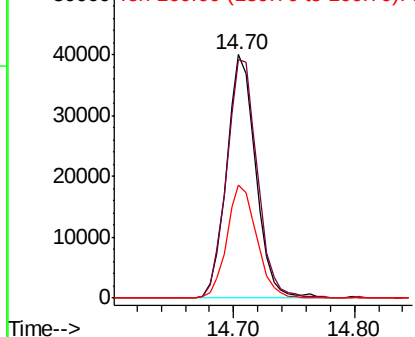


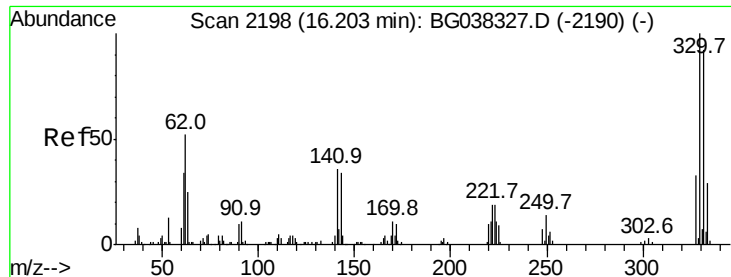
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG038379.D
Acq: 6 Dec 2018 11:33

Tgt Ion:164 Resp: 66868
Ion Ratio Lower Upper
164 100
162 98.0 81.3 121.9
160 46.3 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

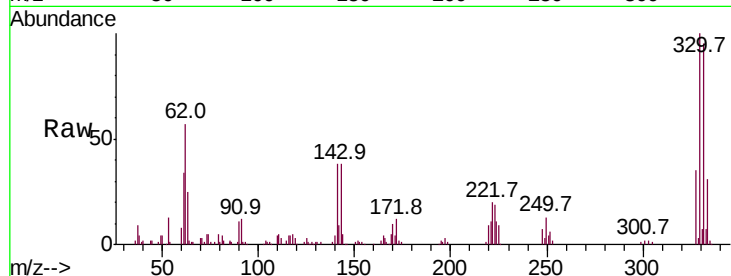




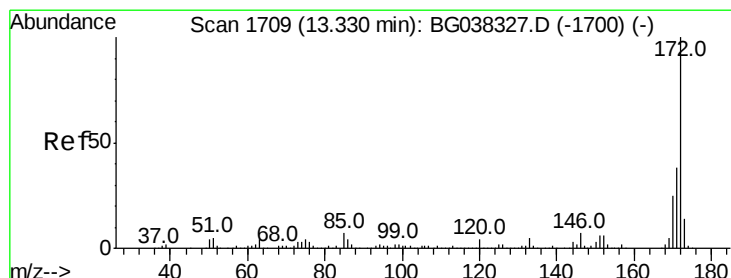
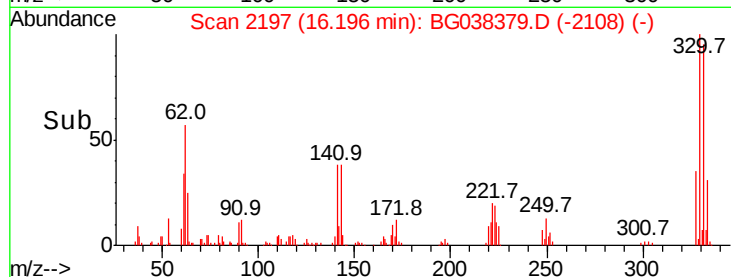
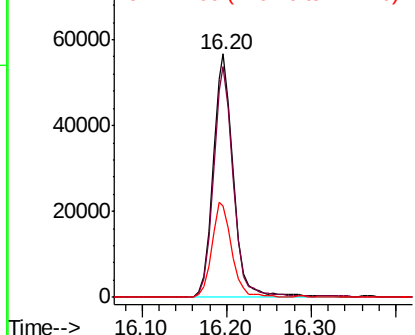
#42
 2,4,6-Tribromophenol
 Concen: 116.033 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BG038379.D
 Acq: 6 Dec 2018 11:33

Instrument :
 BNA_G
 ClientSampleId :
 PB115213BL

Tot Ion:330 Resp: 95250
 Ion Ratio Lower Upper
 330 100
 332 93.7 78.4 117.6
 141 38.7 32.2 48.2

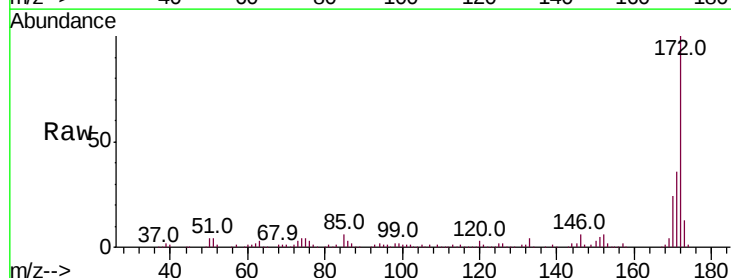


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

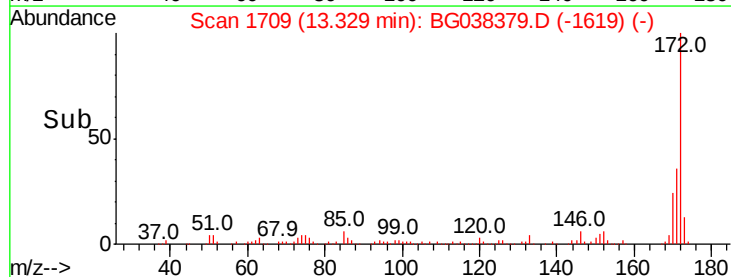
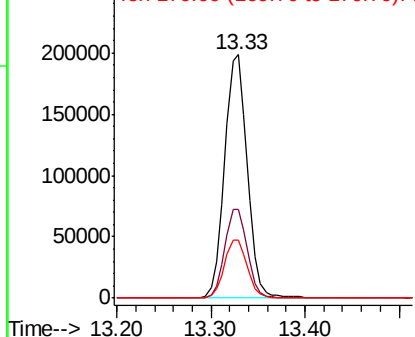


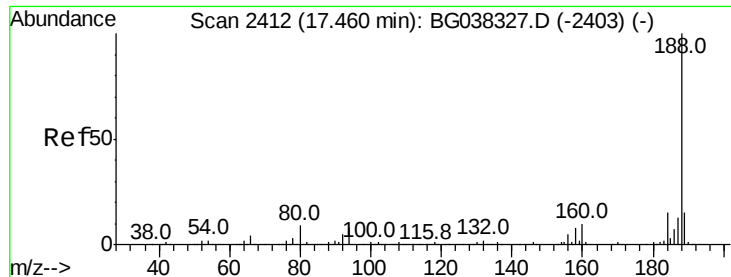
#45
 2-Fluorobiphenyl
 Concen: 70.879 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038379.D
 Acq: 6 Dec 2018 11:33

Tgt Ion:172 Resp: 332621
 Ion Ratio Lower Upper
 172 100
 171 36.5 31.0 46.4
 170 23.9 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: 17.45 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BG038379.D

Acq: 6 Dec 2018 11:33

Instrument :

BNA_G

ClientSampleId :

PB115213BL

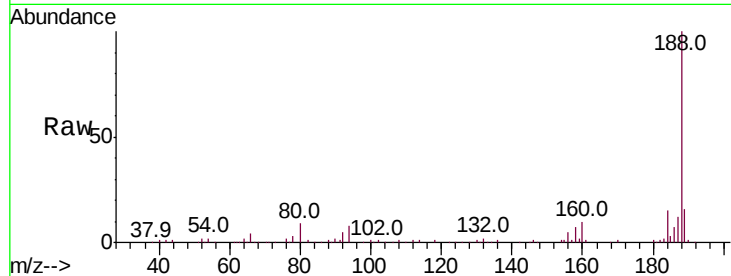
Tot Ion:188 Resp: 181035

Ion Ratio Lower Upper

188 100

94 7.6 7.2 10.8

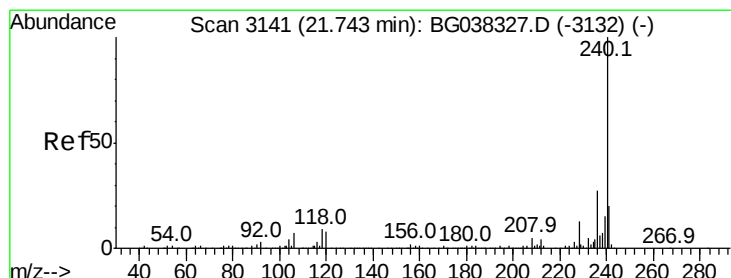
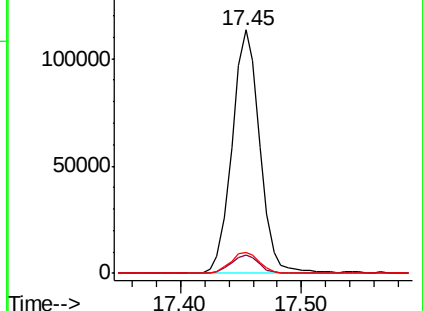
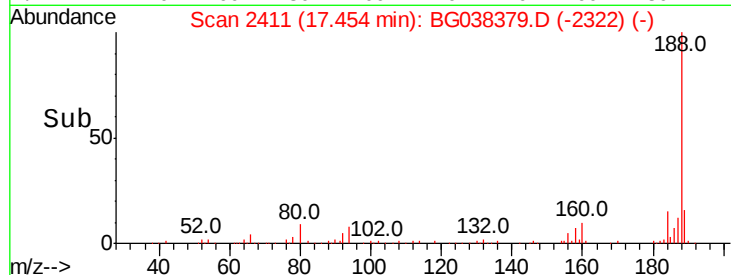
80 8.8 7.7 11.5



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: 21.73 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG038379.D

Acq: 6 Dec 2018 11:33

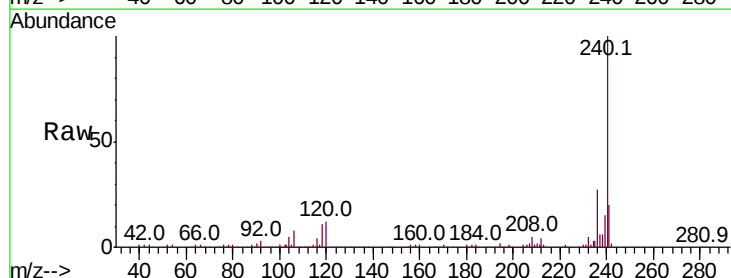
Tgt Ion:240 Resp: 215676

Ion Ratio Lower Upper

240 100

120 12.4 8.1 12.1#

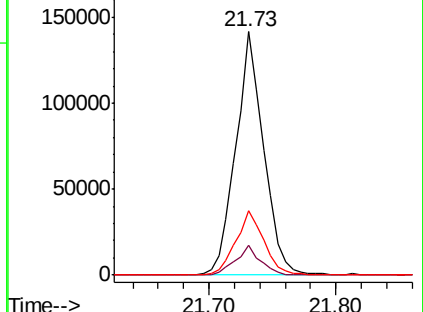
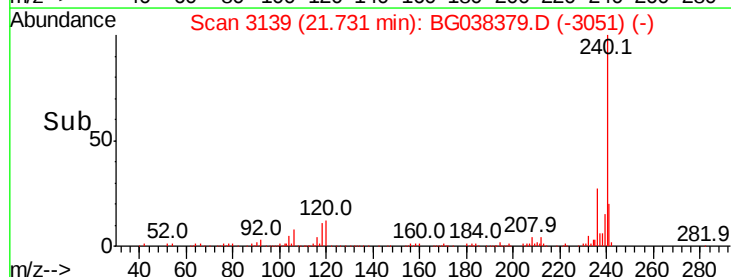
236 26.6 21.4 32.0

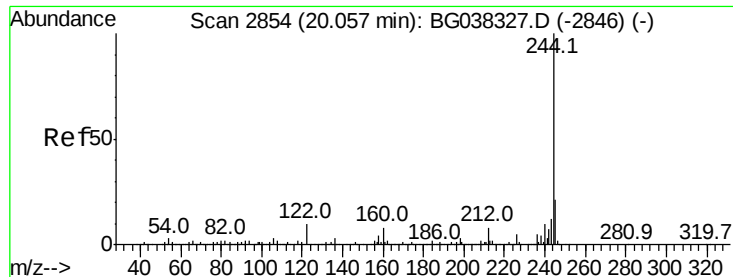


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 65.187 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038379.D

Acq: 6 Dec 2018 11:33

Instrument :

BNA_G

ClientSampleId :

PB115213BL

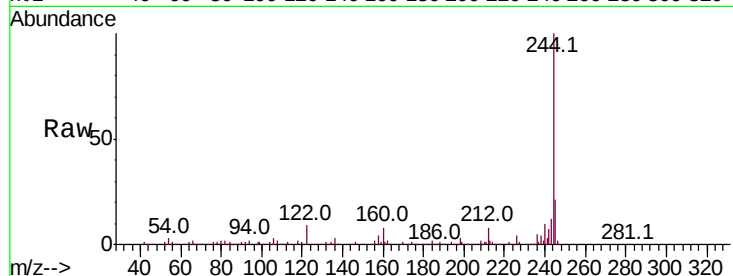
Tot Ion:244 Resp: 656283

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

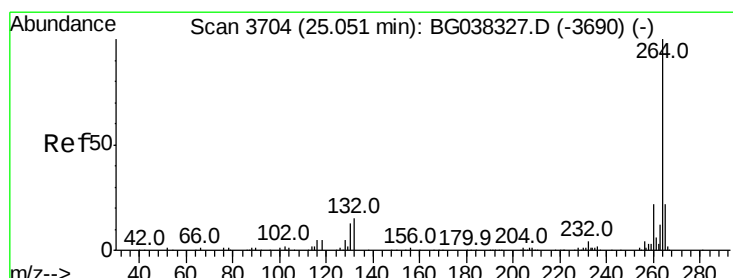
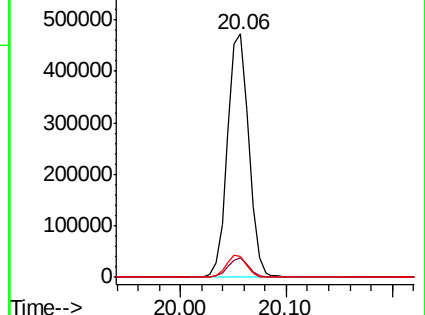
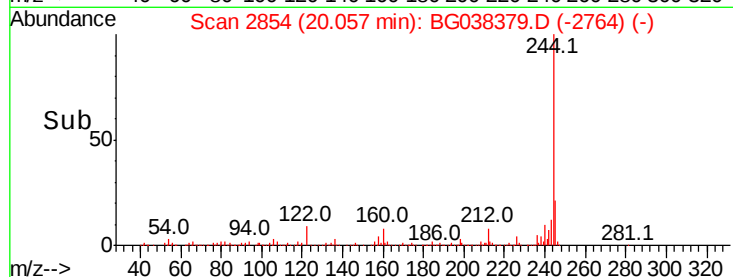
122 8.8 9.0 13.4#



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: 25.04 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG038379.D

Acq: 6 Dec 2018 11:33

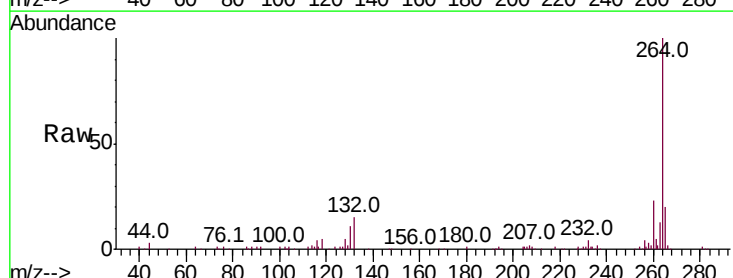
Tgt Ion:264 Resp: 186348

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.4

265 20.2 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

