

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120518\
 Data File : BG038374.D
 Acq On : 6 Dec 2018 1:03
 Operator : JU/SJ
 Sample : PB115183BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BL

Quant Time: Dec 06 04:29:52 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	29185	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	151160	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	80458	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	217069	20.00	ng	0.00
76) Chrysene-d12	21.73	240	224088	20.00	ng	-0.01
87) Perylene-d12	25.05	264	237606	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	168096	101.93	ng	0.00
7) Phenol-d6	7.22	99	253389	106.30	ng	0.00
23) Nitrobenzene-d5	9.25	82	197847	64.98	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	96287	97.48	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	488302	86.48	ng	0.00
79) Terphenyl-d14	20.06	244	908188	86.82	ng	0.00

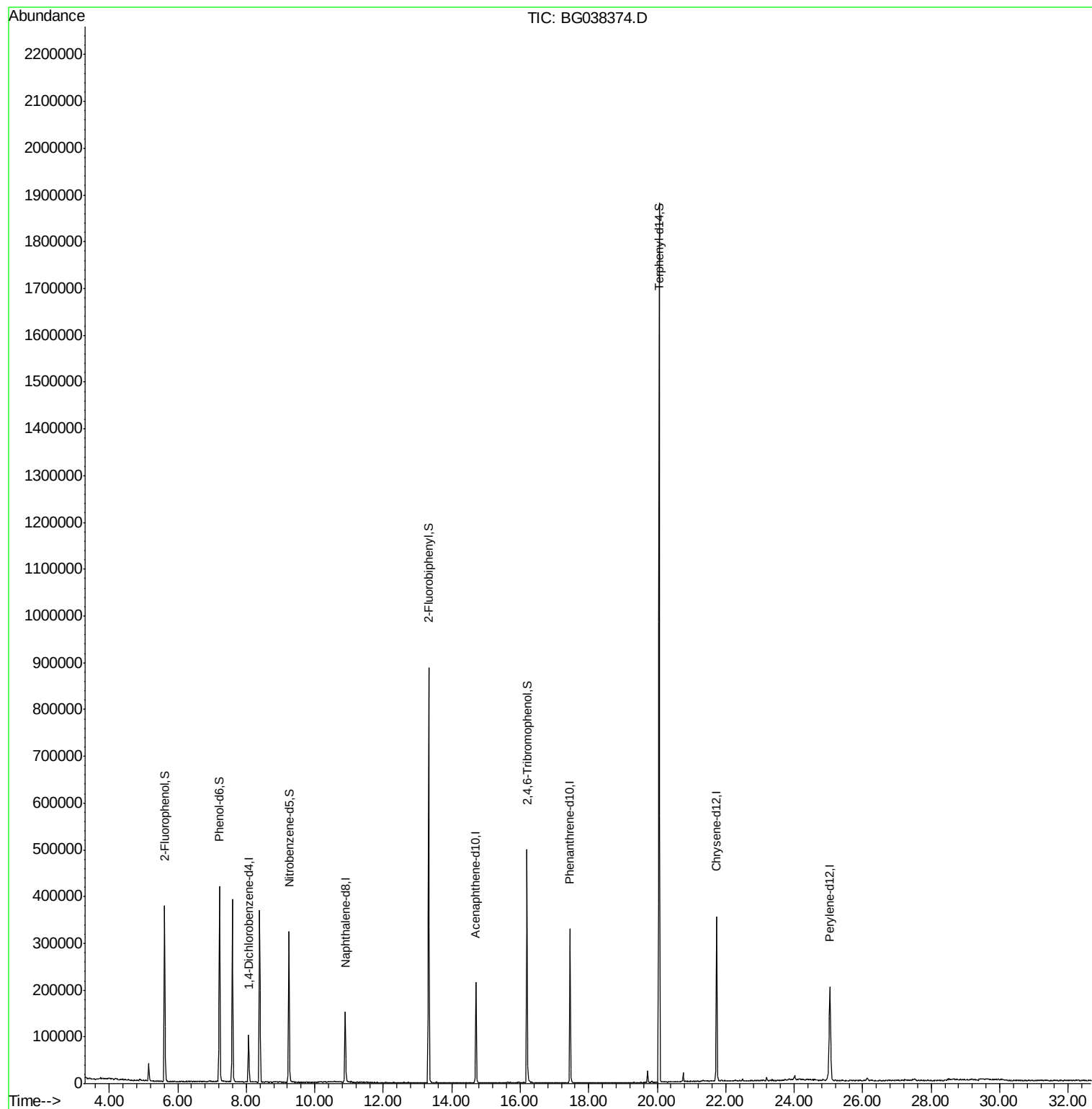
Target Compounds Qvalue

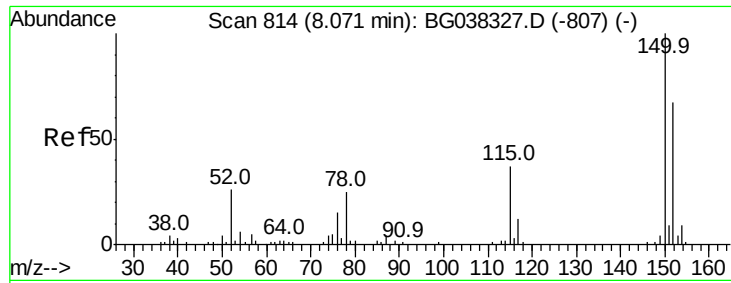
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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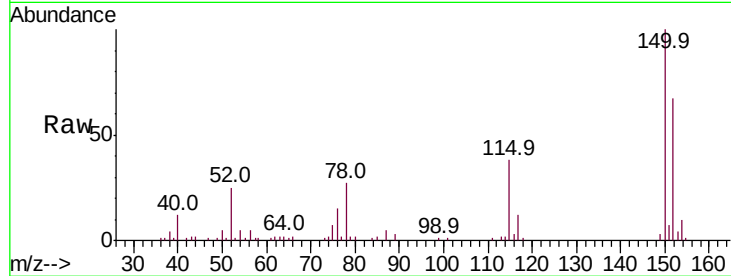


#1

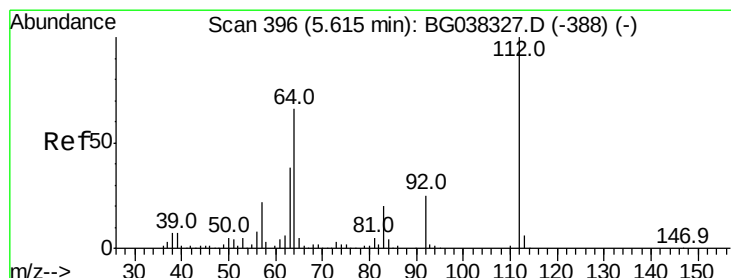
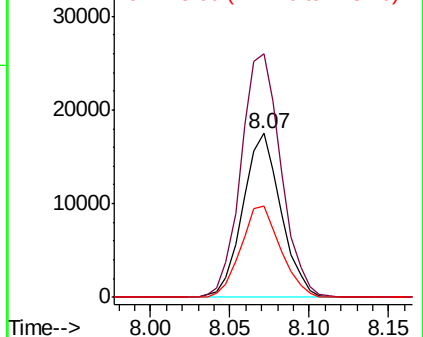
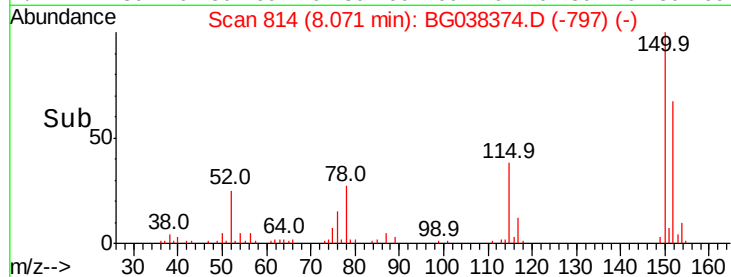
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BG038374.D
 Acq: 6 Dec 2018 1:03

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.3	126.0	189.0
115	55.7	45.5	68.3



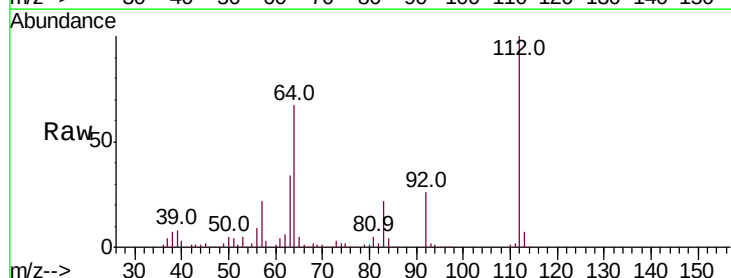
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



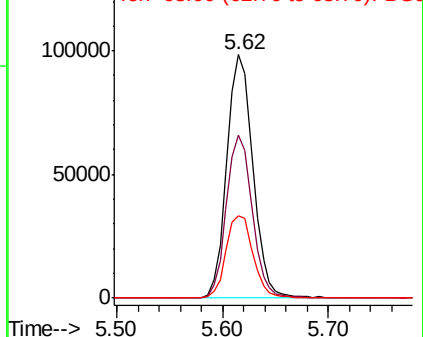
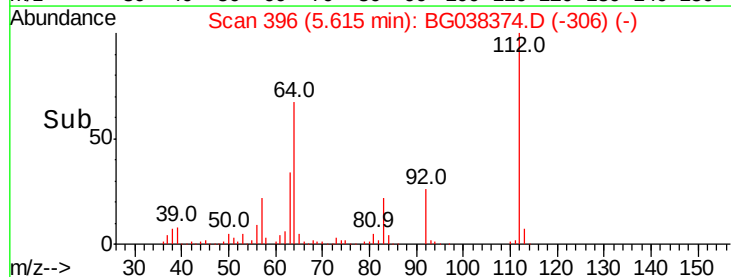
#5

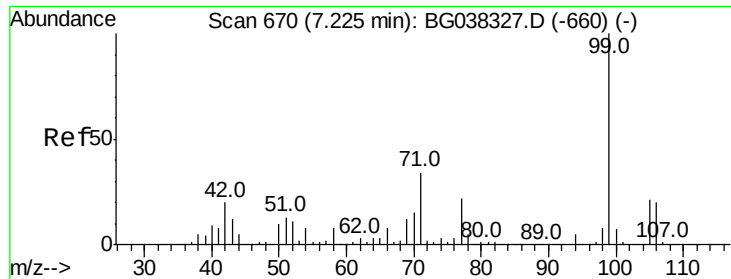
2-Fluorophenol
 Concen: 101.926 ng
 RT: 5.62 min Scan# 396
 Delta R.T. 0.00 min
 Lab File: BG038374.D
 Acq: 6 Dec 2018 1:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.1	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): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 106.303 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038374.D

Acq: 6 Dec 2018 1:03

Instrument :

BNA_G

ClientSampleId :

PB115183BL

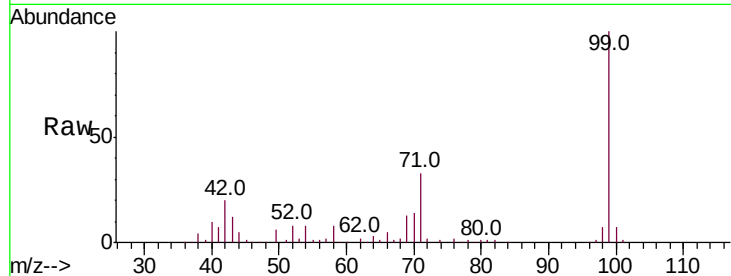
Tot Ion: 99 Resp: 253389

Ion Ratio Lower Upper

99 100

42 20.0 15.0 22.4

71 32.8 25.5 38.3

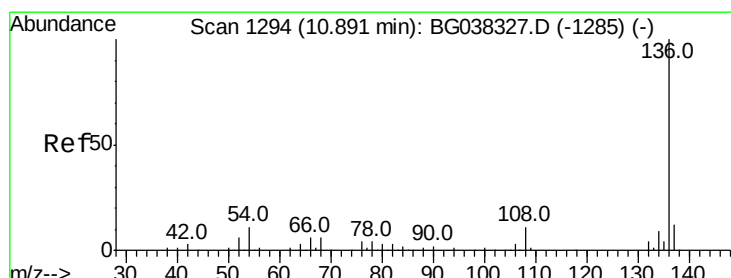
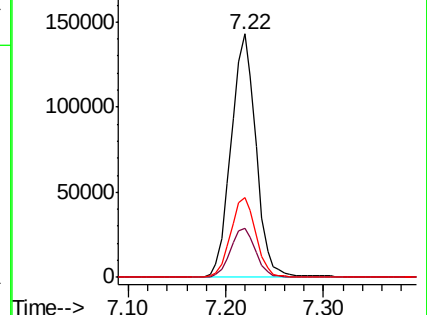
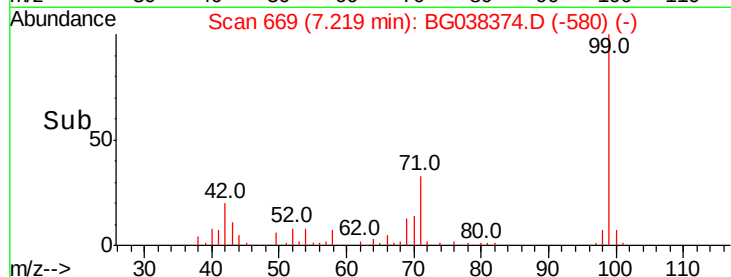


Abundance

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# 1294

Delta R.T. 0.00 min

Lab File: BG038374.D

Acq: 6 Dec 2018 1:03

Tgt Ion: 136 Resp: 151160

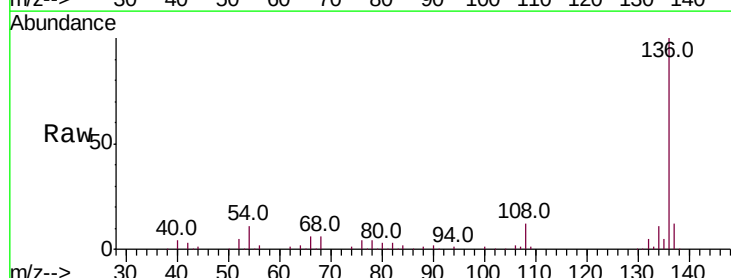
Ion Ratio Lower Upper

136 100

137 12.0 9.6 14.4

54 11.2 7.9 11.9

68 5.5 4.8 7.2



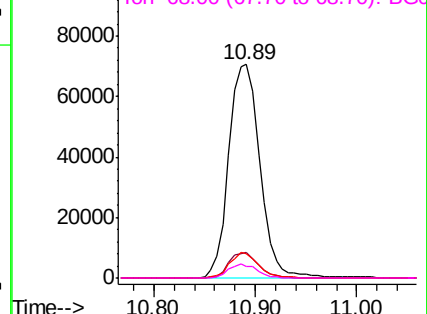
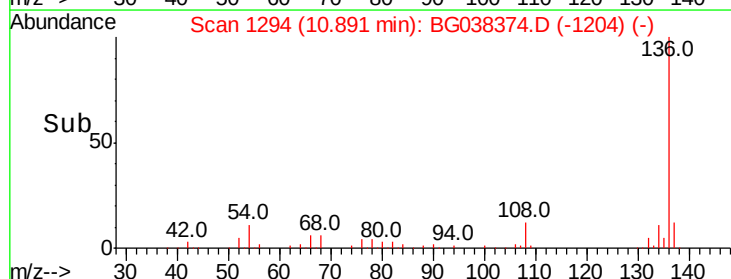
Abundance

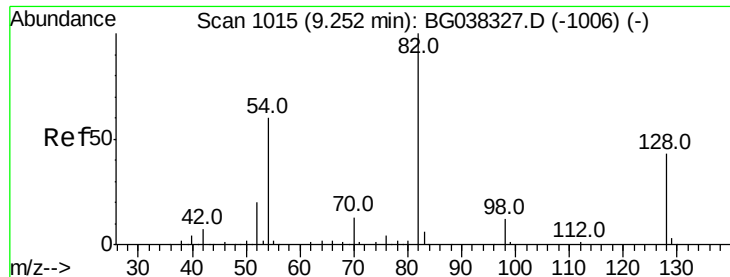
Ion 136.00 (135.70 to 136.70): BGC

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

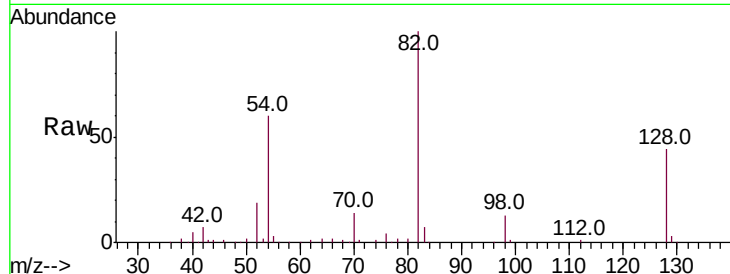




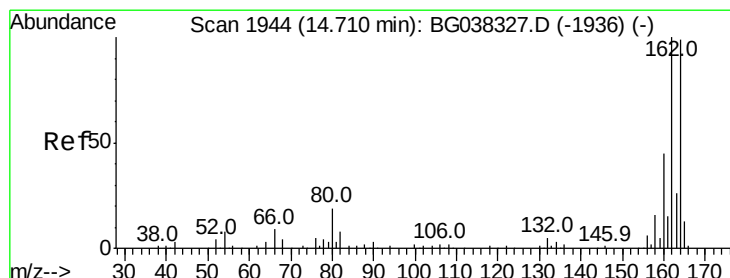
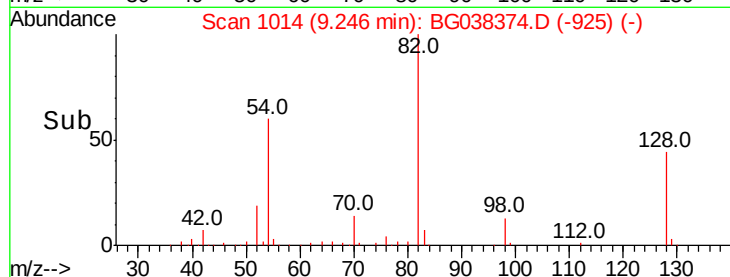
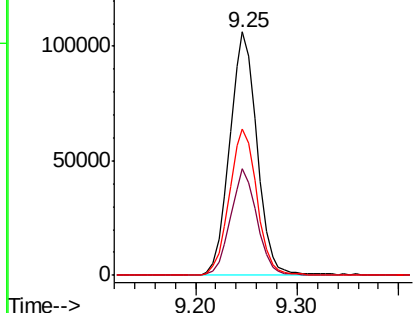
#23
Nitrobenzene-d5
Concen: 64.982 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038374.D
Acq: 6 Dec 2018 1:03

Instrument :
BNA_G
ClientSampleId :
PB115183BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.6	51.8
54	60.0	45.3	67.9

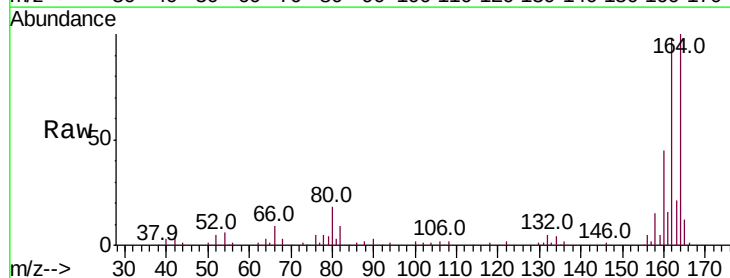


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

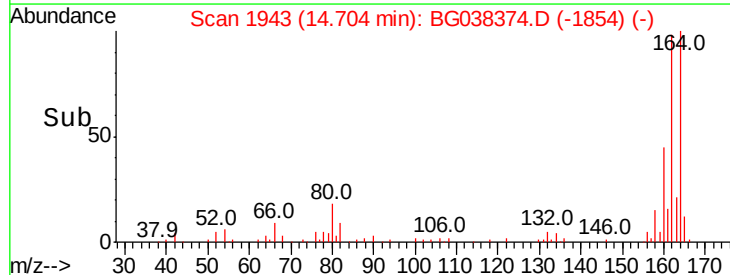
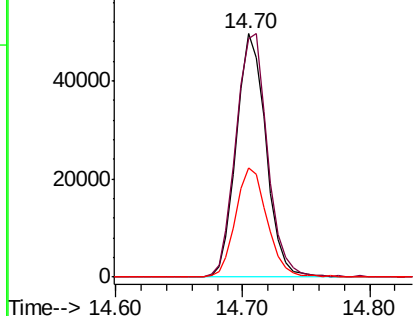


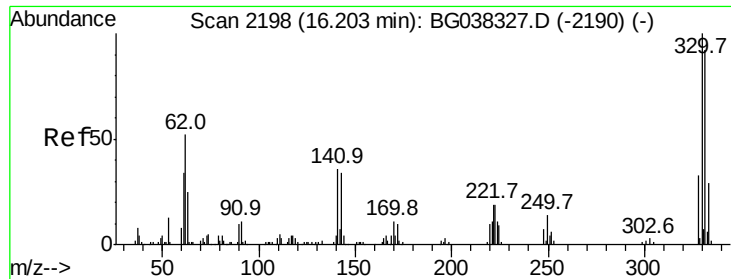
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG038374.D
Acq: 6 Dec 2018 1:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.0	81.3	121.9
160	44.7	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: 97.484 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038374.D

Acq: 6 Dec 2018 1:03

Instrument :

BNA_G

ClientSampleId :

PB115183BL

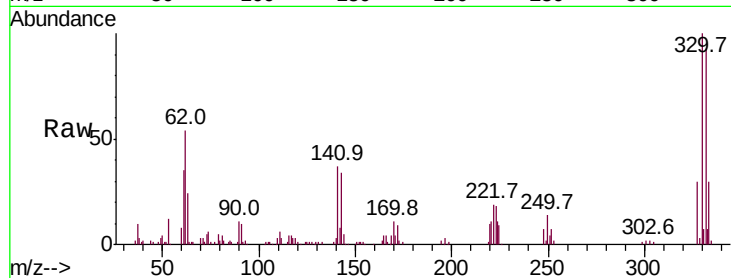
Tot Ion:330 Resp: 96287

Ion Ratio Lower Upper

330 100

332 93.6 78.4 117.6

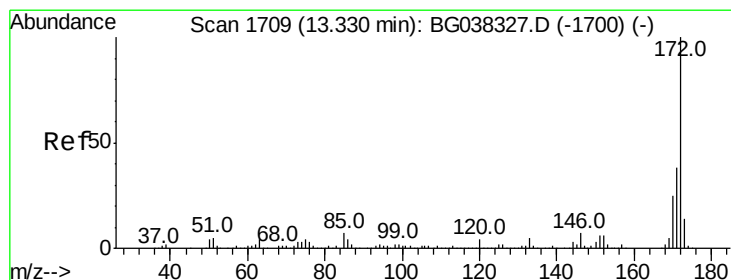
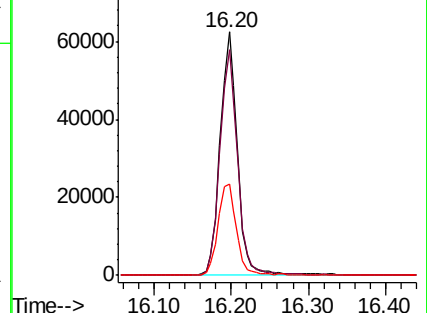
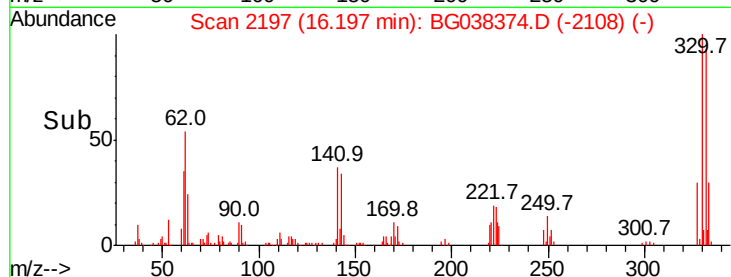
141 39.5 32.2 48.2



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: 86.478 ng

RT: 13.33 min Scan# 1709

Delta R.T. 0.00 min

Lab File: BG038374.D

Acq: 6 Dec 2018 1:03

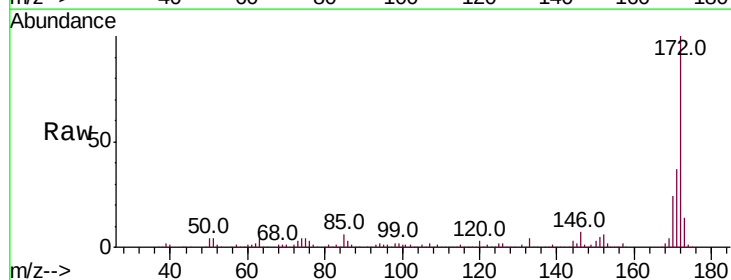
Tgt Ion:172 Resp: 488302

Ion Ratio Lower Upper

172 100

171 37.1 31.0 46.4

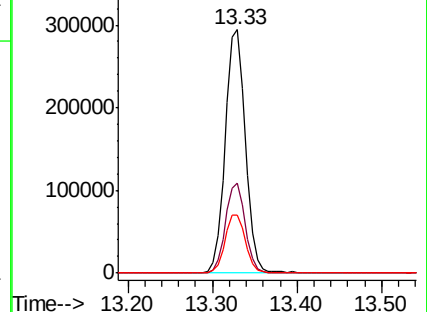
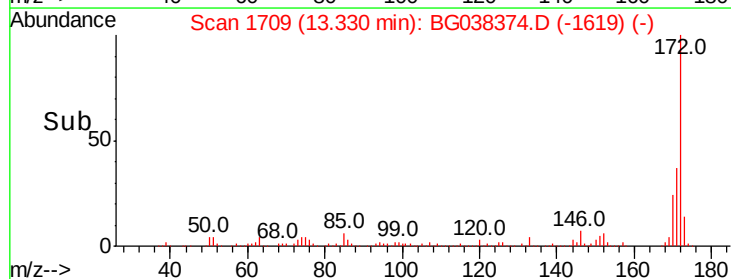
170 24.0 20.2 30.2

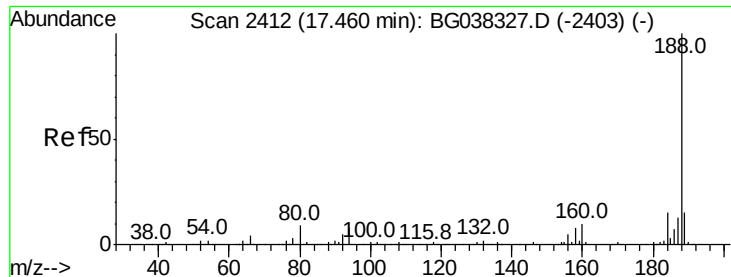


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

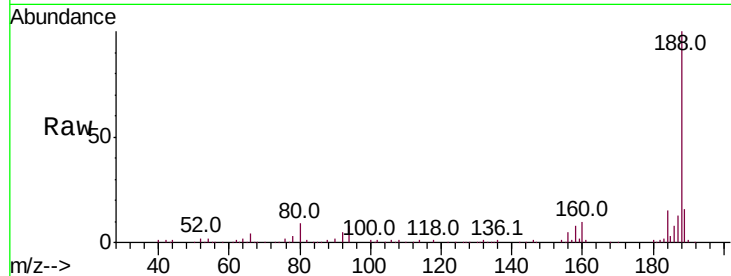




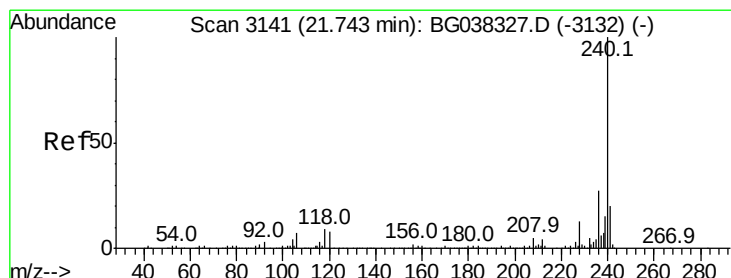
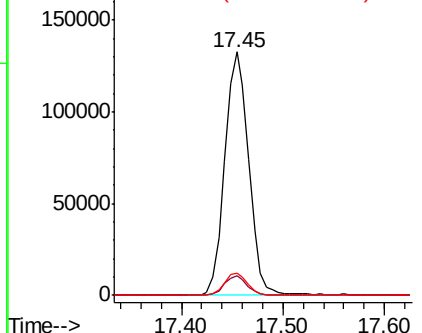
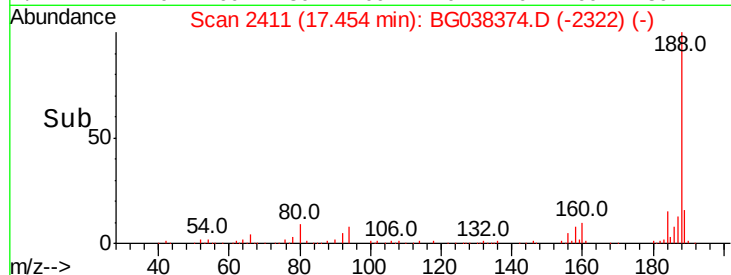
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG038374.D
 Acq: 6 Dec 2018 1:03

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BL

Tot Ion:188 Resp: 217069
 Ion Ratio Lower Upper
 188 100
 94 8.3 7.2 10.8
 80 9.4 7.7 11.5

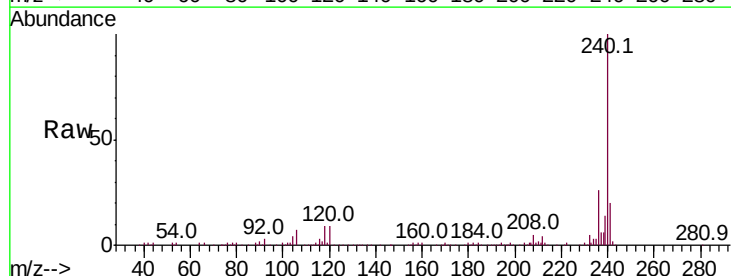


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

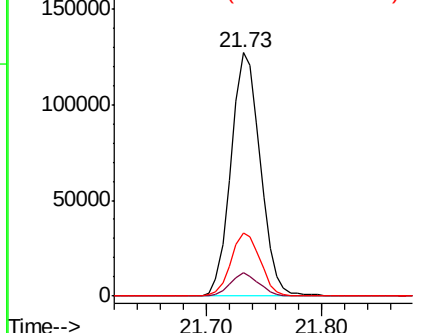
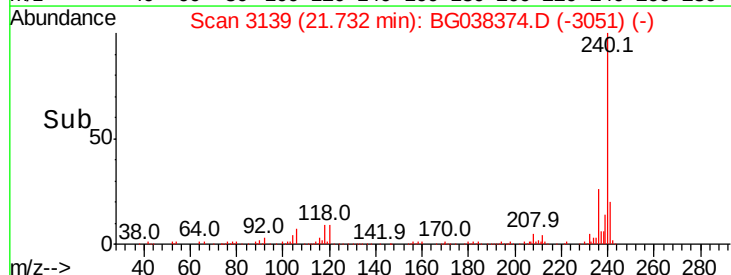


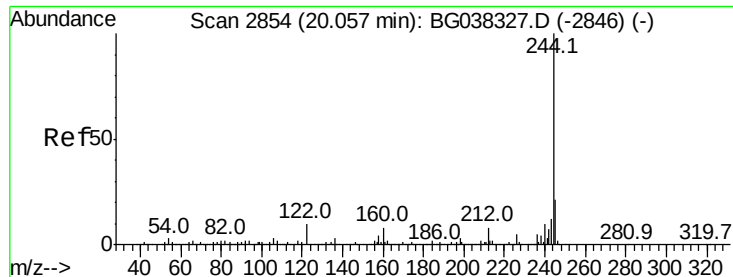
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG038374.D
 Acq: 6 Dec 2018 1:03

Tgt Ion:240 Resp: 224088
 Ion Ratio Lower Upper
 240 100
 120 9.5 8.1 12.1
 236 26.1 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: 86.822 ng

RT: 20.06 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG038374.D

Acq: 6 Dec 2018 1:03

Instrument :

BNA_G

ClientSampleId :

PB115183BL

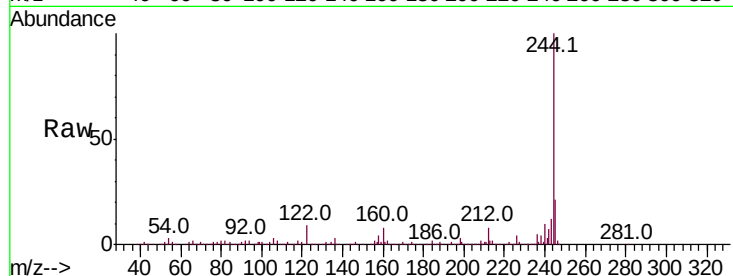
Tot Ion:244 Resp: 908188

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

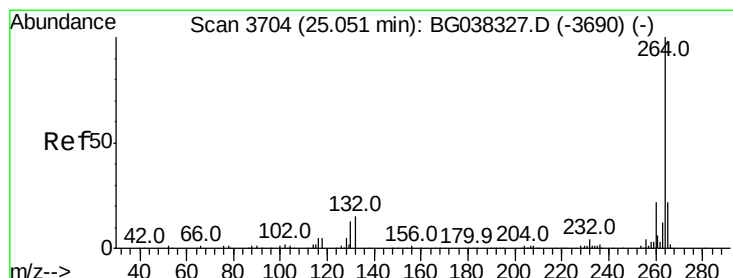
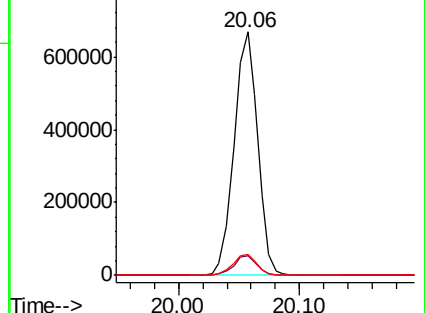
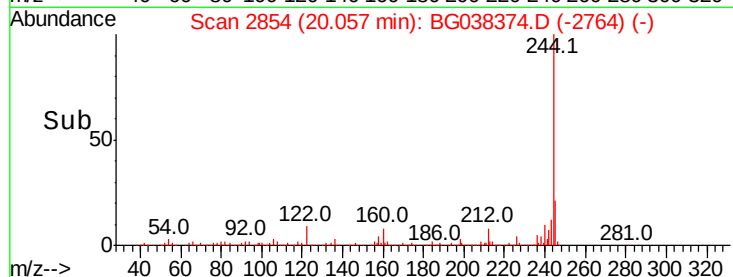
122 8.8 9.0 13.4#



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: 25.05 min Scan# 3703

Delta R.T. -0.01 min

Lab File: BG038374.D

Acq: 6 Dec 2018 1:03

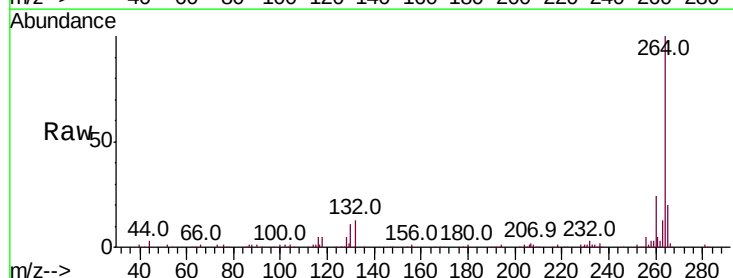
Tgt Ion:264 Resp: 237606

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

265 20.1 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

