

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
 Data File : BG037809.D
 Acq On : 5 Nov 2018 19:05
 Operator : JU/SJ
 Sample : PB114440TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114440TB

Quant Time: Nov 06 04:40:04 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	60249	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	269070	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	181018	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	397140	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	358569	20.00	ng	-0.02
87) Perylene-d12	25.09	264	296730	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	429359	119.14	ng	-0.01
7) Phenol-d6	7.24	99	613903	112.66	ng	-0.01
23) Nitrobenzene-d5	9.27	82	367240	76.46	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	190448	96.46	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	935776	77.95	ng	-0.02
79) Terphenyl-d14	20.08	244	1298253	77.36	ng	-0.01

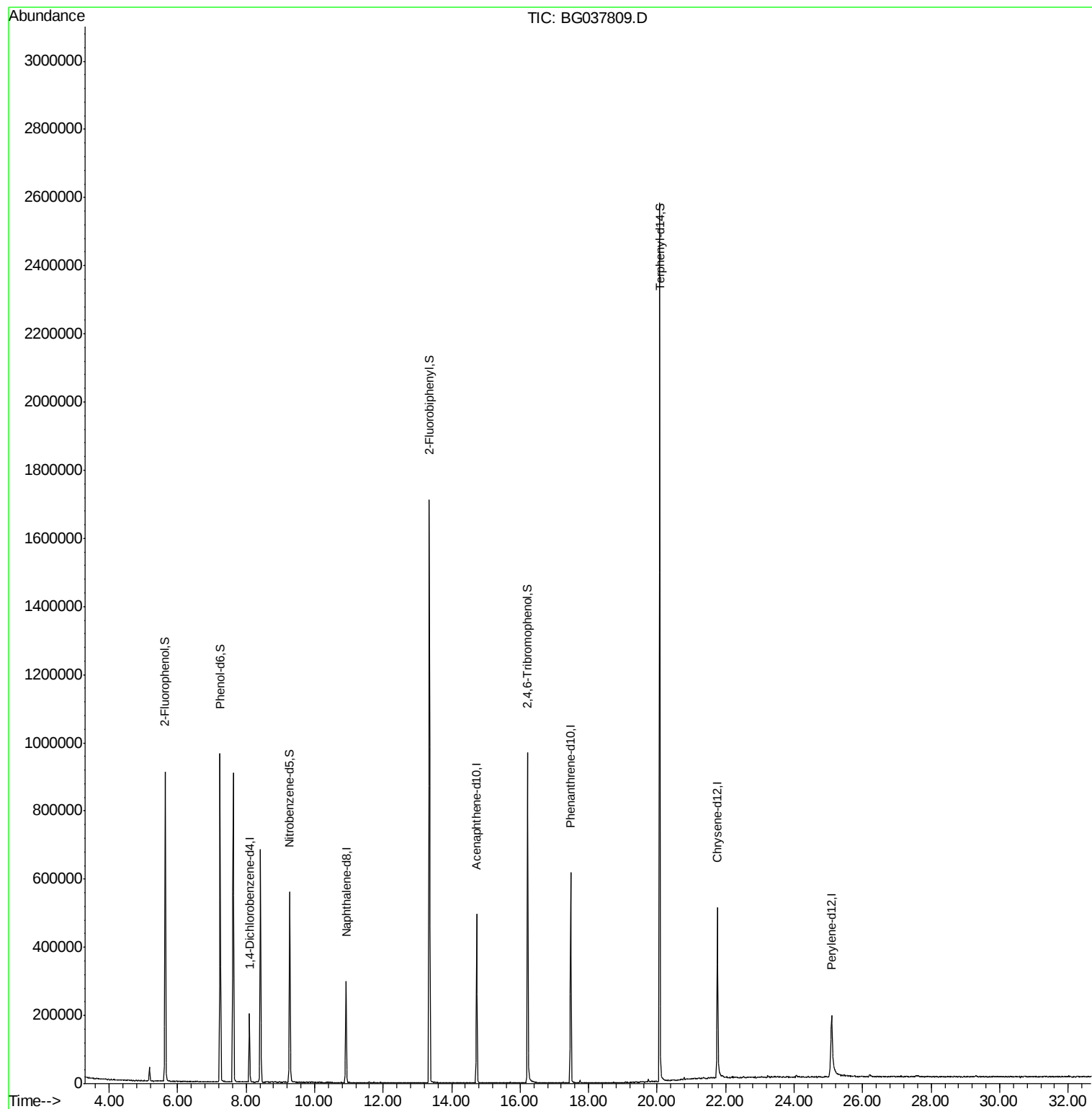
Target Compounds Qvalue

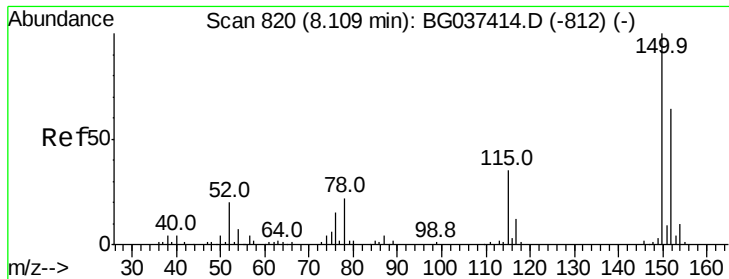
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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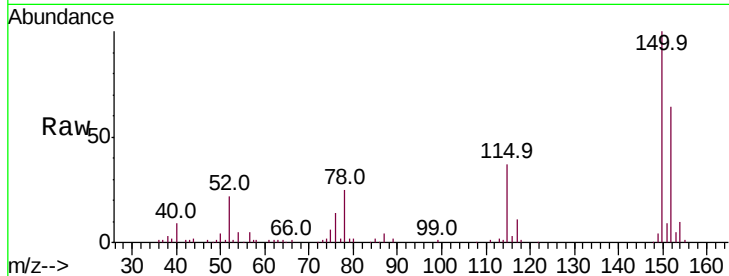


#1

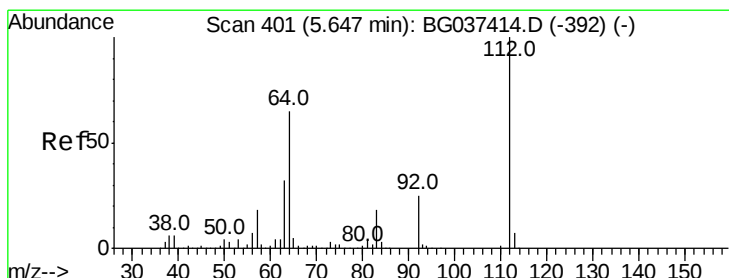
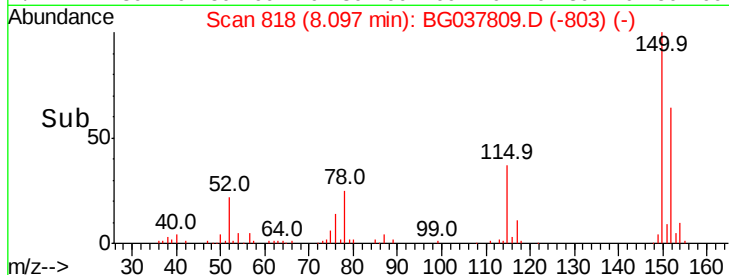
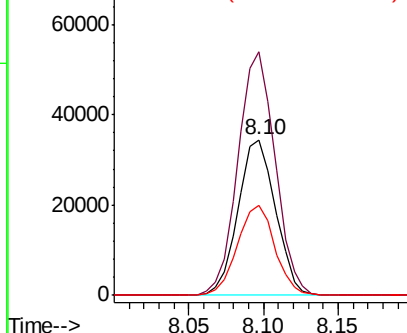
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037809.D
Acq: 5 Nov 2018 19:05

Instrument :
BNA_G
ClientSampleId :
PB114440TB

Tot Ion:152 Resp: 60249
Ion Ratio Lower Upper
152 100
150 156.7 126.0 189.0
115 58.1 45.5 68.3



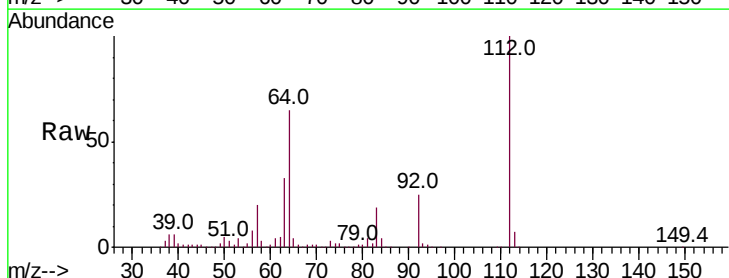
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



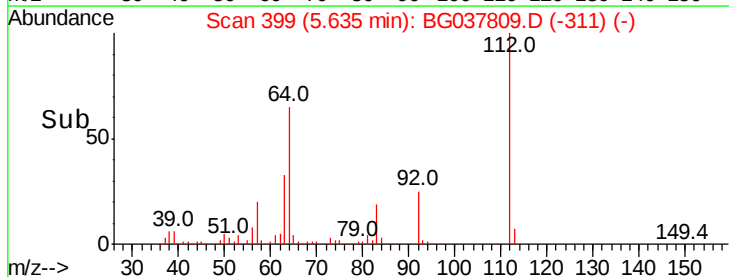
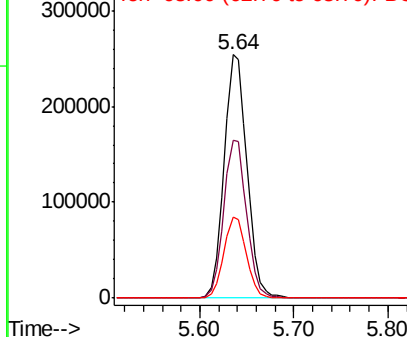
#5

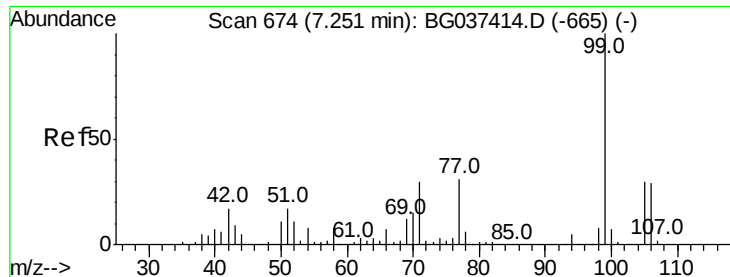
2-Fluorophenol
Concen: 119.143 ng
RT: 5.64 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037809.D
Acq: 5 Nov 2018 19:05

Tgt Ion:112 Resp: 429359
Ion Ratio Lower Upper
112 100
64 65.1 53.1 79.7
63 33.4 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: 112.658 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037809.D

Acq: 5 Nov 2018 19:05

Instrument :

BNA_G

ClientSampleId :

PB114440TB

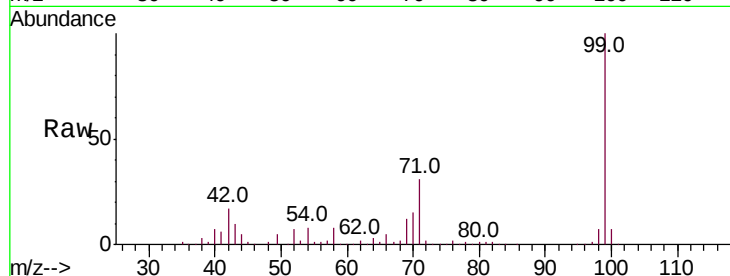
Tot Ion: 99 Resp: 613903

Ion Ratio Lower Upper

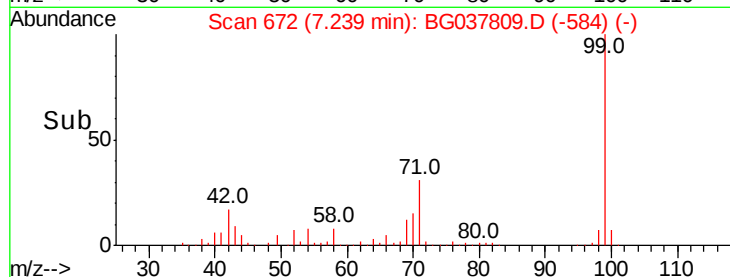
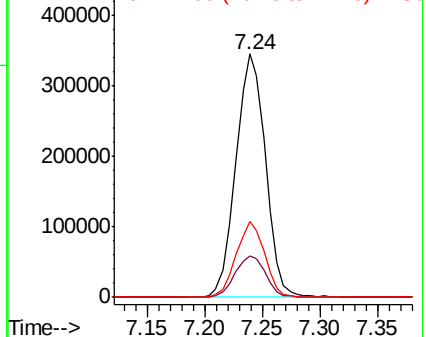
99 100

42 17.1 15.0 22.4

71 31.2 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# 1298

Delta R.T. -0.01 min

Lab File: BG037809.D

Acq: 5 Nov 2018 19:05

Tgt Ion: 136 Resp: 269070

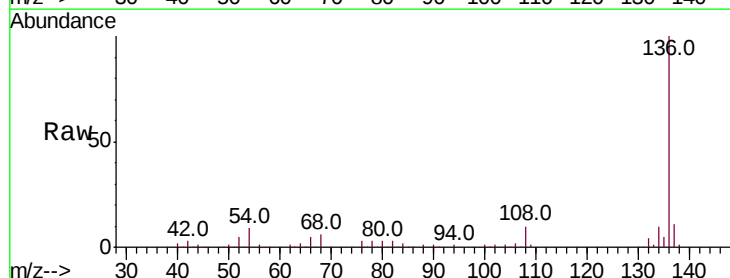
Ion Ratio Lower Upper

136 100

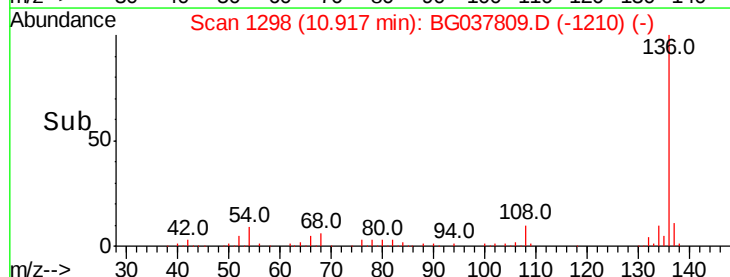
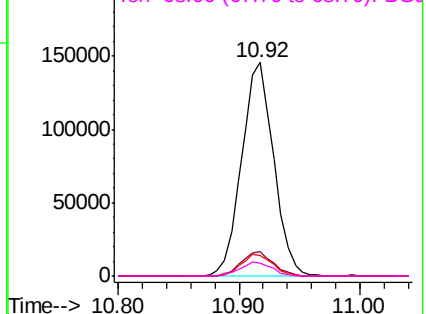
137 11.3 9.6 14.4

54 9.5 7.9 11.9

68 6.2 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

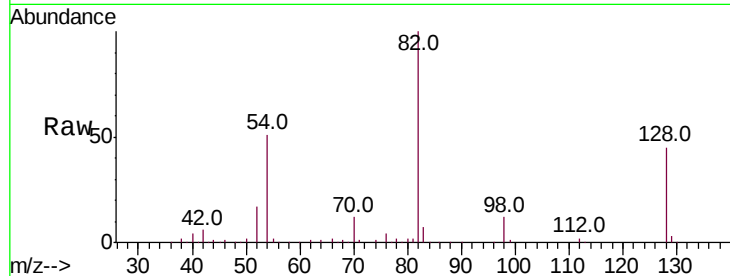




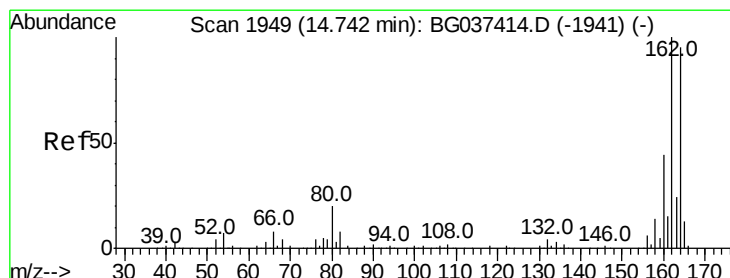
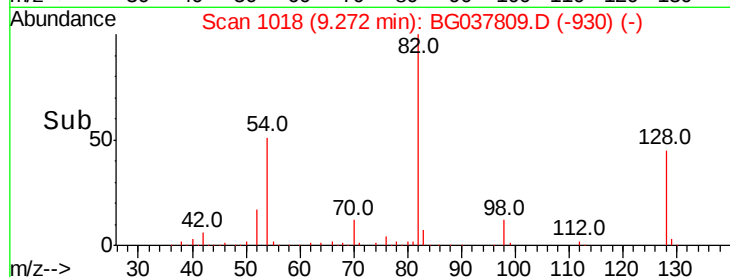
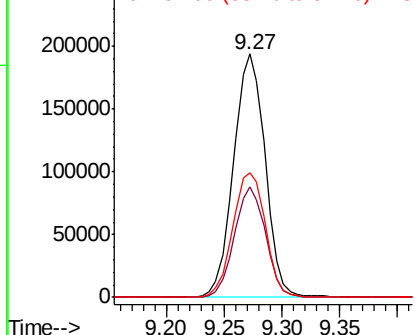
#23
Nitrobenzene-d5
Concen: 76.457 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037809.D
Acq: 5 Nov 2018 19:05

Instrument :
BNA_G
ClientSampleId :
PB114440TB

Tot Ion: 82 Resp: 367240
Ion Ratio Lower Upper
82 100
128 45.4 34.6 51.8
54 51.4 45.3 67.9

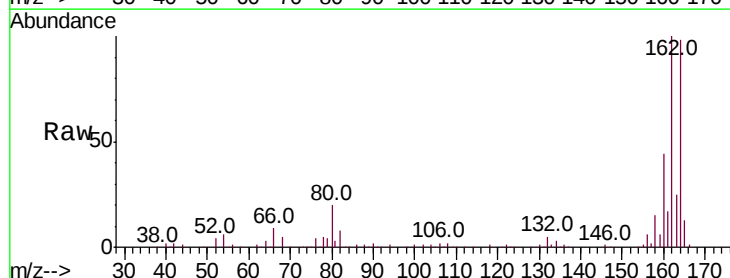


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

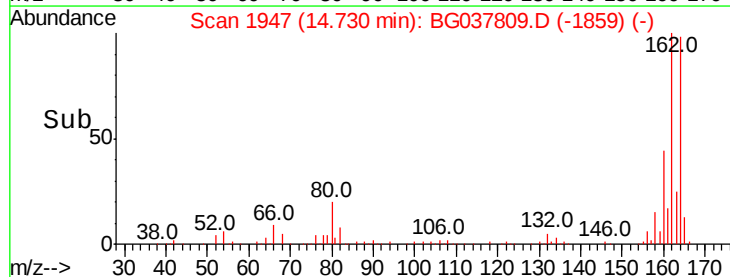
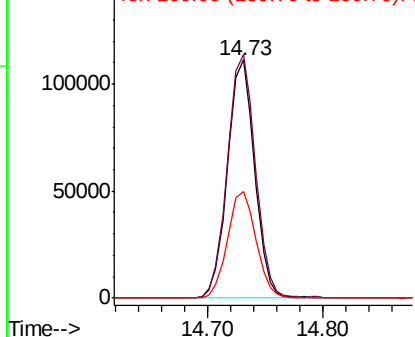


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG037809.D
Acq: 5 Nov 2018 19:05

Tgt Ion: 164 Resp: 181018
Ion Ratio Lower Upper
164 100
162 102.3 81.3 121.9
160 45.1 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

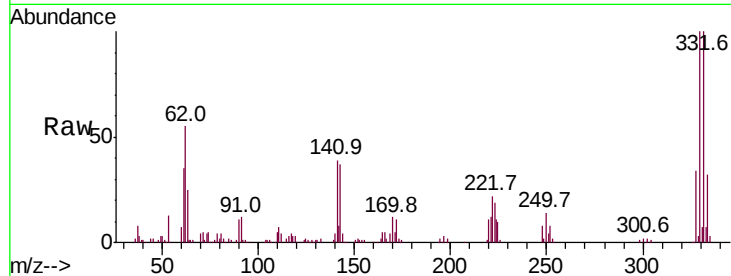




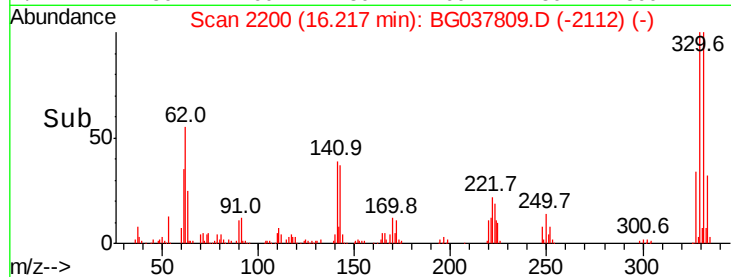
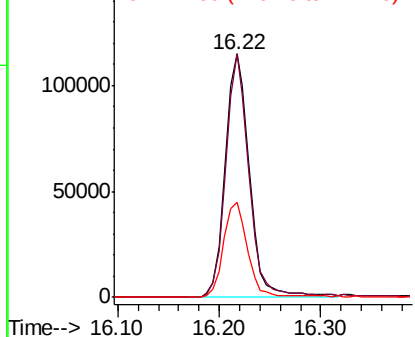
#42
 2,4,6-Tribromophenol
 Concen: 96.461 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG037809.D
 Acq: 5 Nov 2018 19:05

Instrument :
 BNA_G
 ClientSampleId :
 PB114440TB

Tot Ion:330 Resp: 190448
 Ion Ratio Lower Upper
 330 100
 332 95.4 78.4 117.6
 141 38.9 32.2 48.2

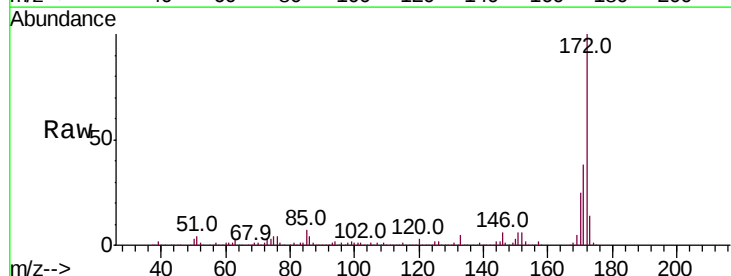


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

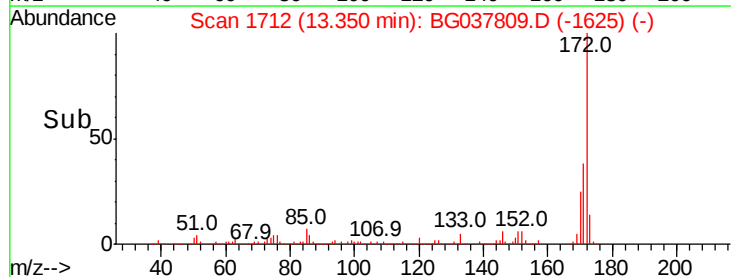
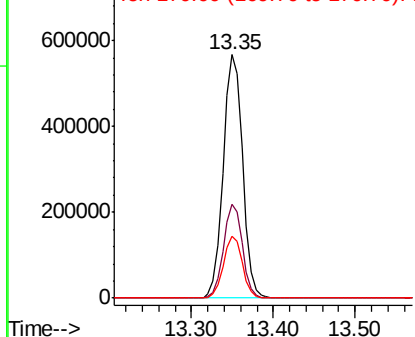


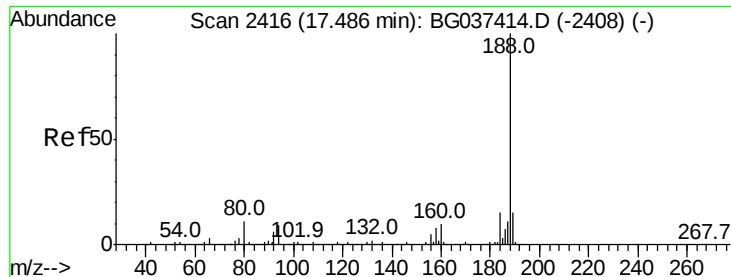
#45
 2-Fluorobiphenyl
 Concen: 77.953 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037809.D
 Acq: 5 Nov 2018 19:05

Tgt Ion:172 Resp: 935776
 Ion Ratio Lower Upper
 172 100
 171 38.4 31.0 46.4
 170 25.3 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: 17.47 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BG037809.D

Acq: 5 Nov 2018 19:05

Instrument :

BNA_G

ClientSampleId :

PB114440TB

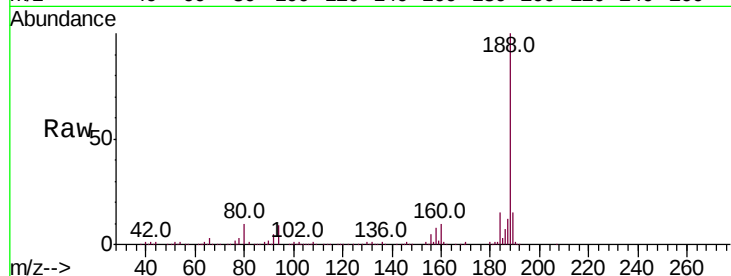
Tot Ion:188 Resp: 397140

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

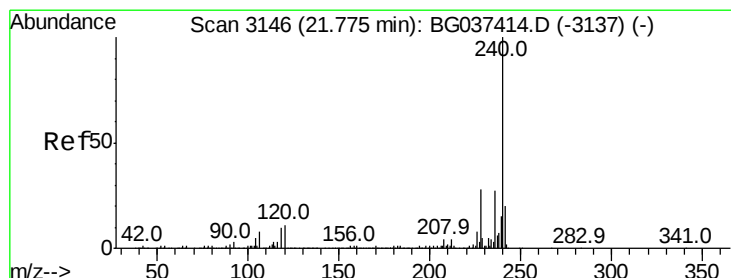
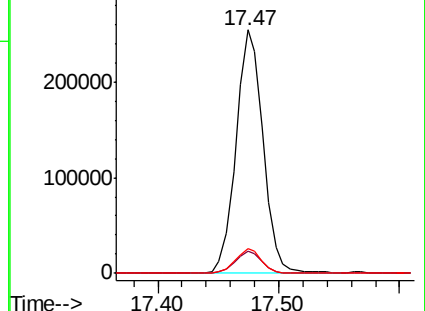
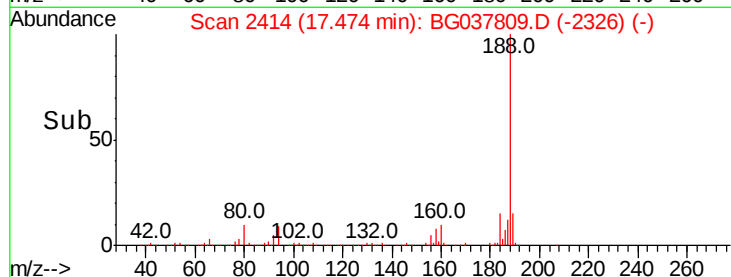
80 10.0 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG037809.D (-2326) (-)

Ion 80.00 (79.70 to 80.70): BG037809.D (-2326) (-)



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG037809.D

Acq: 5 Nov 2018 19:05

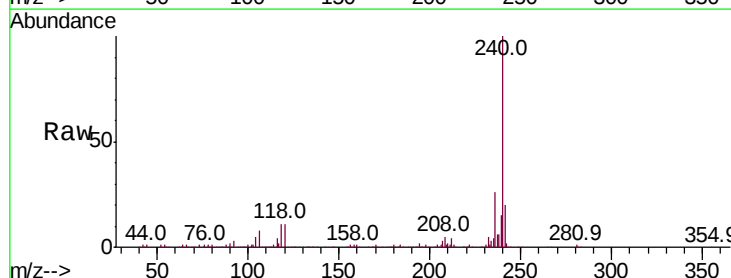
Tgt Ion:240 Resp: 358569

Ion Ratio Lower Upper

240 100

120 11.0 8.1 12.1

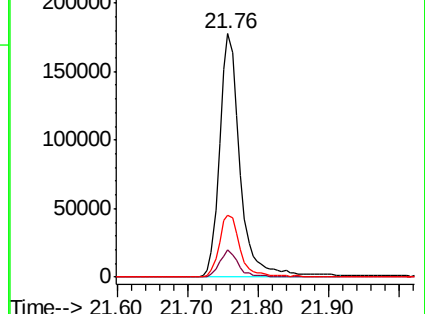
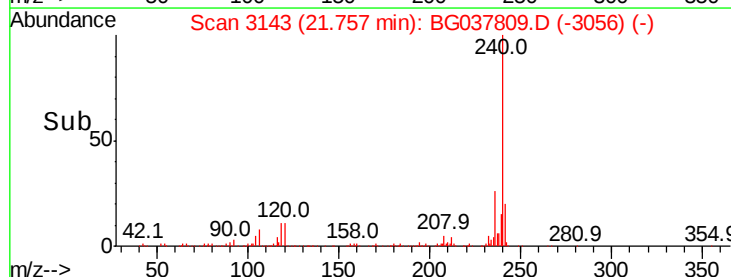
236 25.6 21.4 32.0



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: 77.365 ng

RT: 20.08 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037809.D

Acq: 5 Nov 2018 19:05

Instrument :

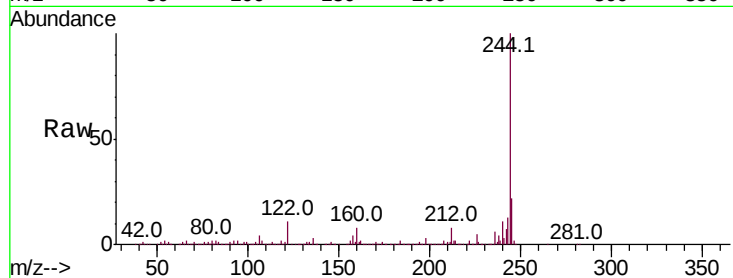
BNA_G

ClientSampleId :

PB114440TB

Tot Ion:244 Resp: 1298253

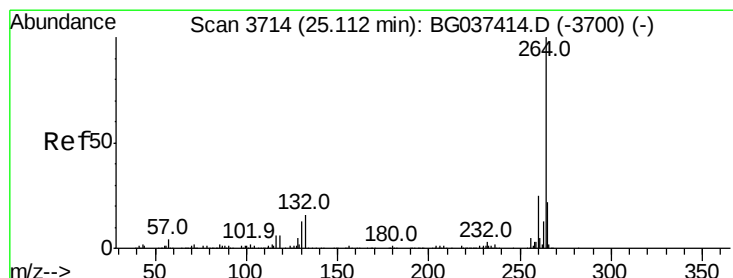
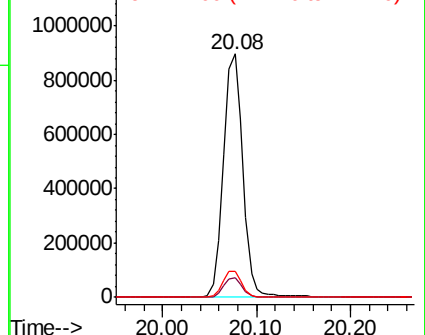
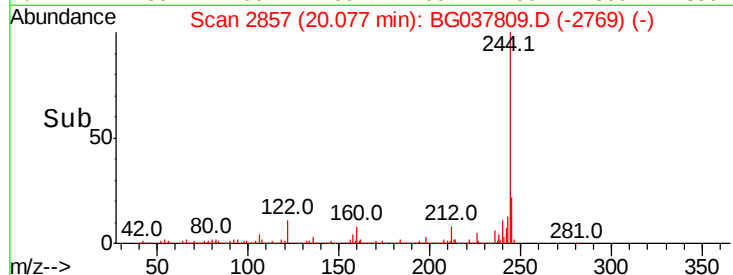
Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	10.9	9.0	13.4



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

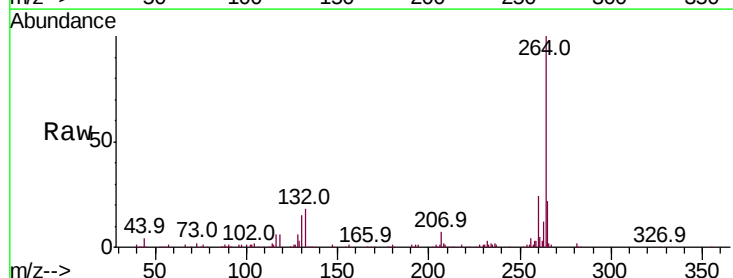
Delta R.T. -0.02 min

Lab File: BG037809.D

Acq: 5 Nov 2018 19:05

Tgt Ion:264 Resp: 296730

Ion	Ratio	Lower	Upper
264	100		
260	23.9	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

