

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\
 Data File : BG037968.D
 Acq On : 13 Nov 2018 6:36
 Operator : JU/SJ
 Sample : J5904-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 110818-TIPC-F-D-S

Quant Time: Nov 13 11:39:45 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	8.09	152	56248	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	261601	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	170567	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	360923	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	304531	20.00	ng	-0.02
87) Perylene-d12	25.09	264	258878	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	144044	42.81	ng	-0.01
7) Phenol-d6	7.23	99	129442	25.44	ng	-0.02
23) Nitrobenzene-d5	9.27	82	473489	101.39	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	146979	79.01	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	1100703	97.31	ng	-0.02
79) Terphenyl-d14	20.07	244	1297492	91.04	ng	-0.01

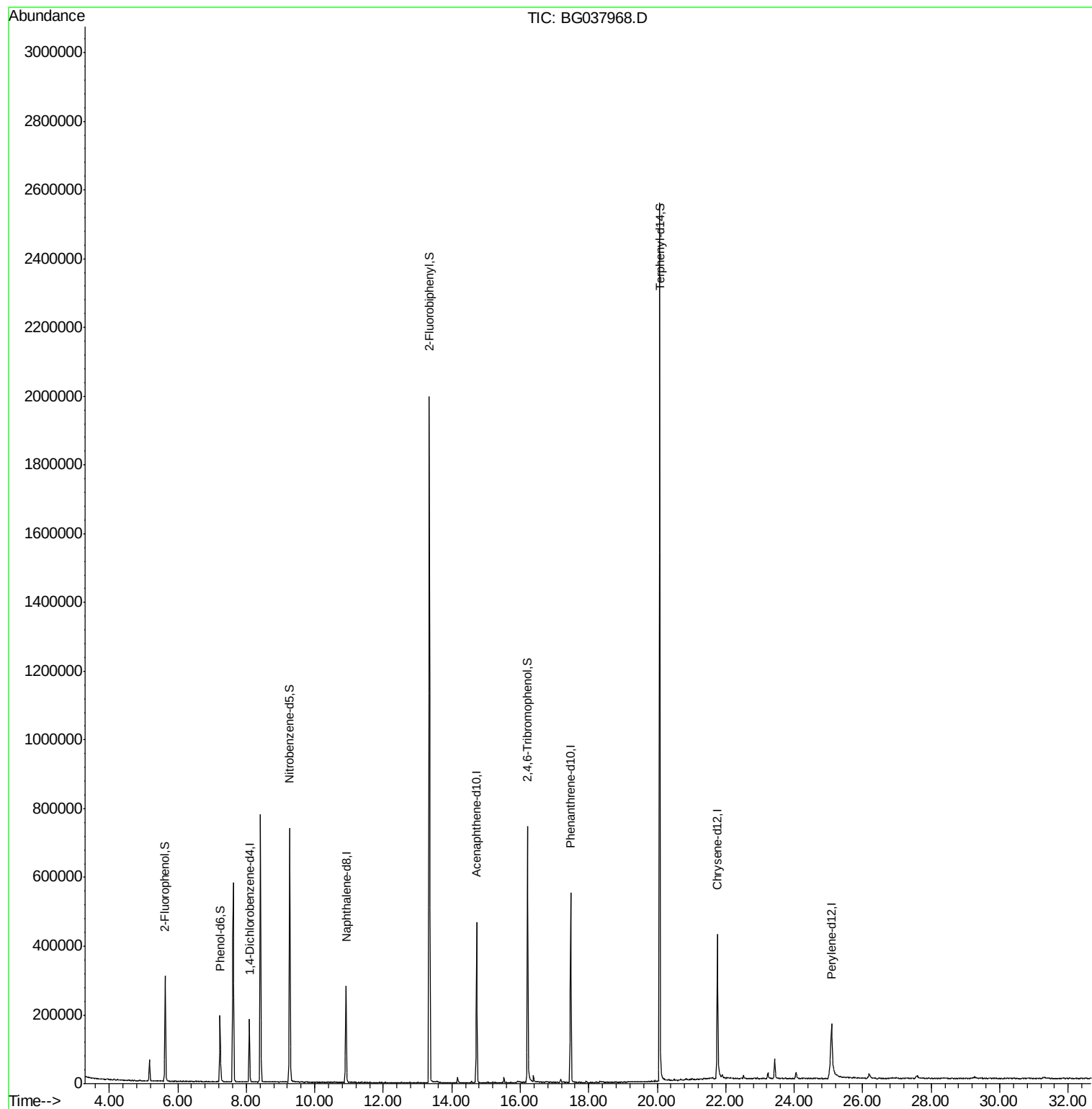
Target Compounds Qvalue

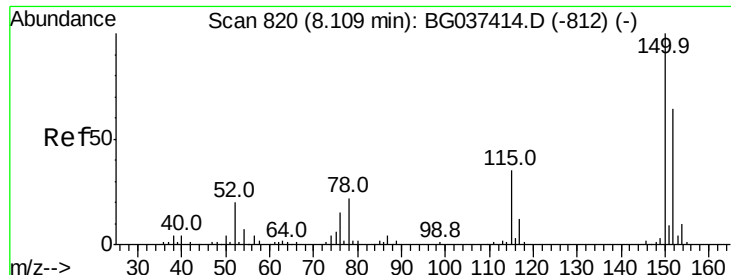
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\
Data File : BG037968.D
Acq On : 13 Nov 2018 6:36
Operator : JU/SJ
Sample : J5904-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
110818-TIPC-F-D-S

Quant Time: Nov 13 11:39:45 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



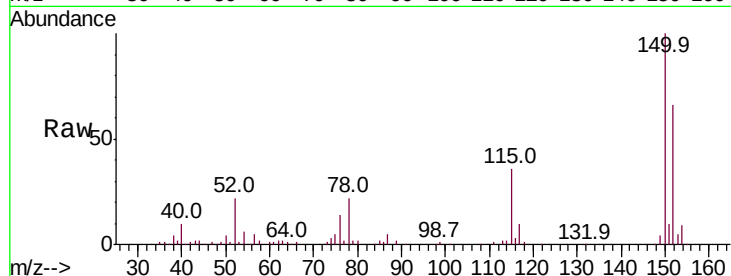


#1

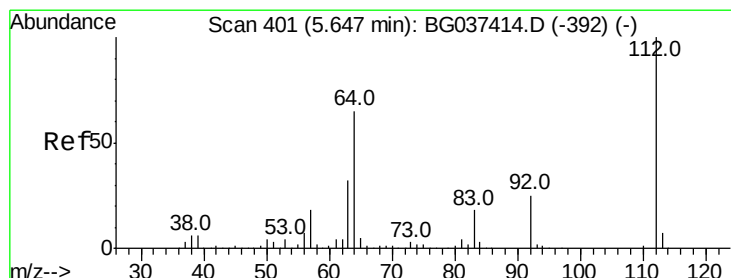
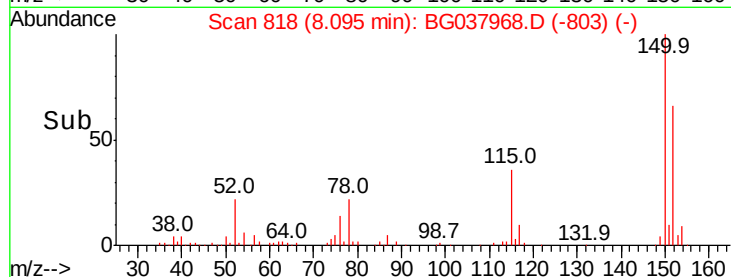
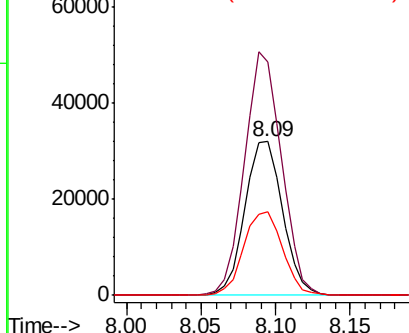
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037968.D
Acq: 13 Nov 2018 6:36

Instrument :
BNA_G
ClientSampleId :
110818-TIPC-F-D-S

Tot Ion:152 Resp: 56248
Ion Ratio Lower Upper
152 100
150 151.8 126.0 189.0
115 54.6 45.5 68.3



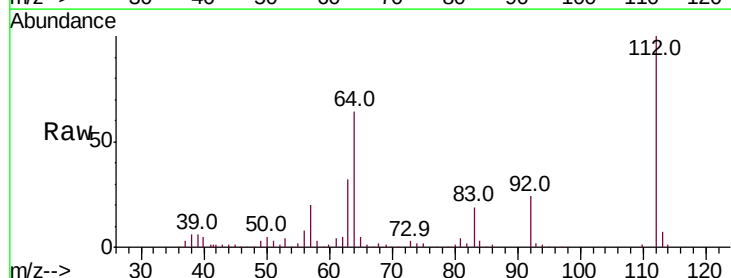
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



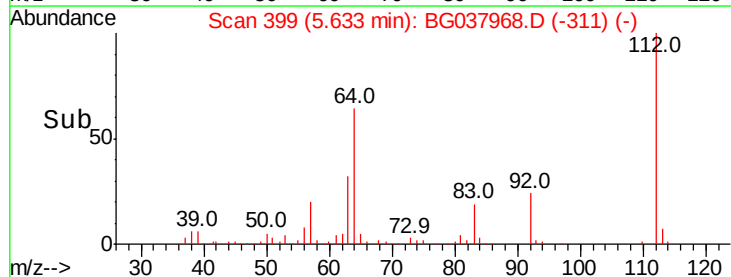
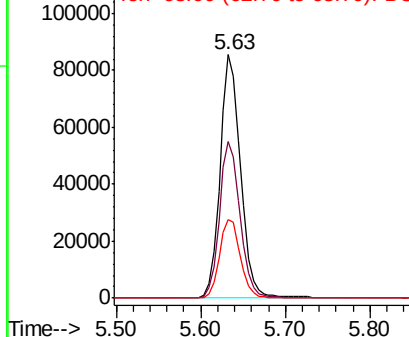
#5

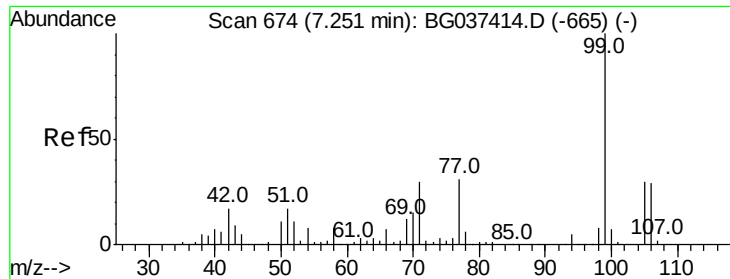
2-Fluorophenol
Concen: 42.814 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037968.D
Acq: 13 Nov 2018 6:36

Tgt Ion:112 Resp: 144044
Ion Ratio Lower Upper
112 100
64 64.2 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): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 25.444 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.02 min

Lab File: BG037968.D

Acq: 13 Nov 2018 6:36

Instrument :

BNA_G

ClientSampleId :

110818-TIPC-F-D-S

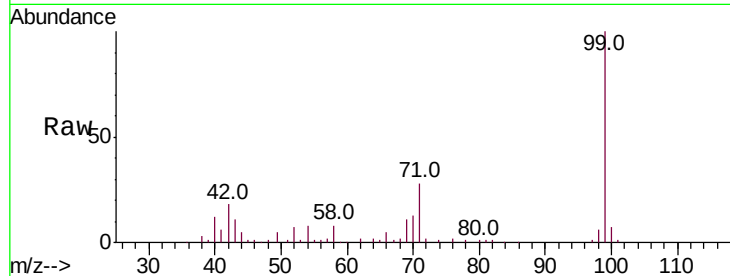
Tot Ion: 99 Resp: 129442

Ion Ratio Lower Upper

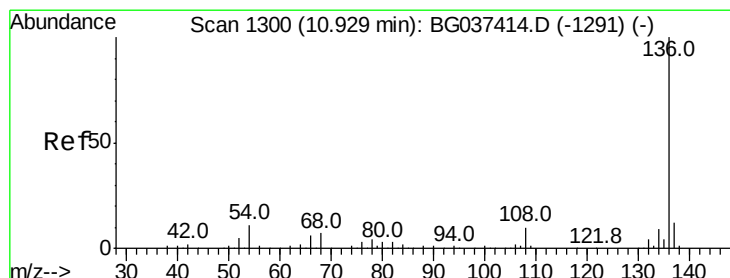
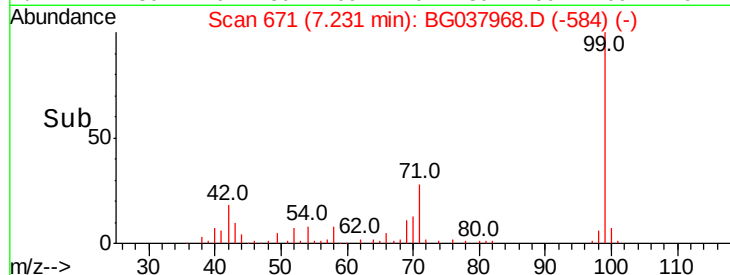
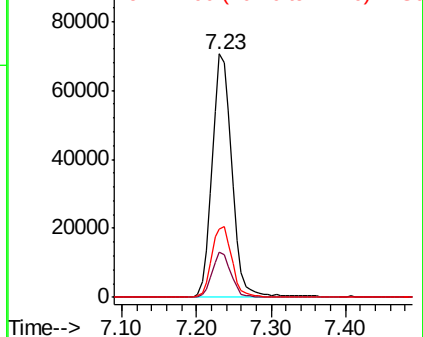
99 100

42 18.3 15.0 22.4

71 28.2 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: 10.91 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG037968.D

Acq: 13 Nov 2018 6:36

Tgt Ion: 136 Resp: 261601

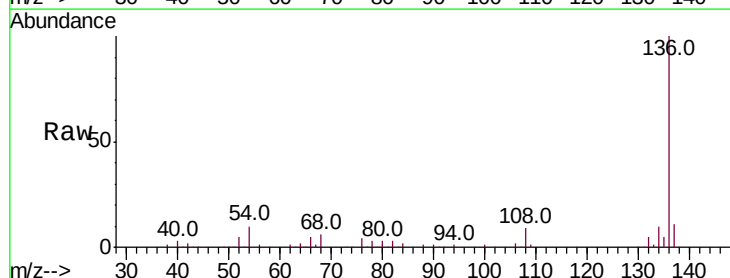
Ion Ratio Lower Upper

136 100

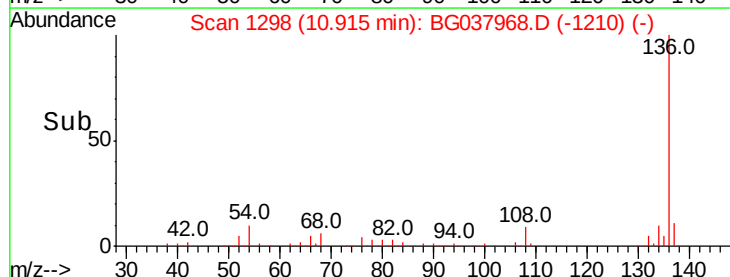
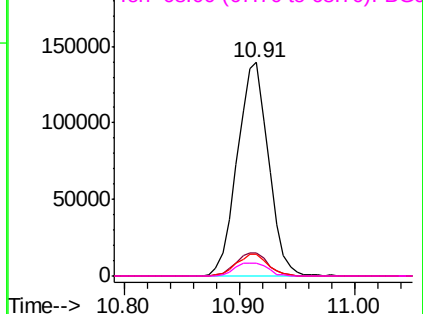
137 10.8 9.6 14.4

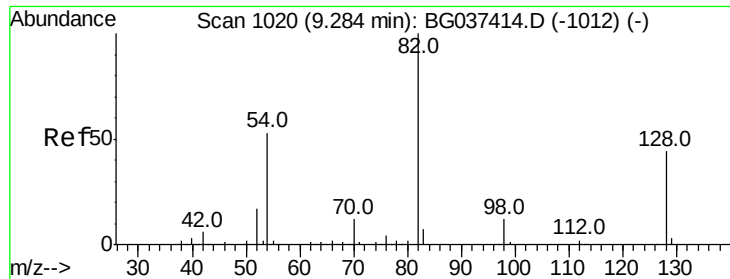
54 10.1 7.9 11.9

68 5.9 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

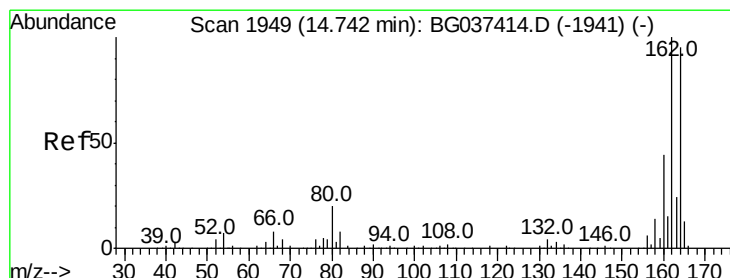
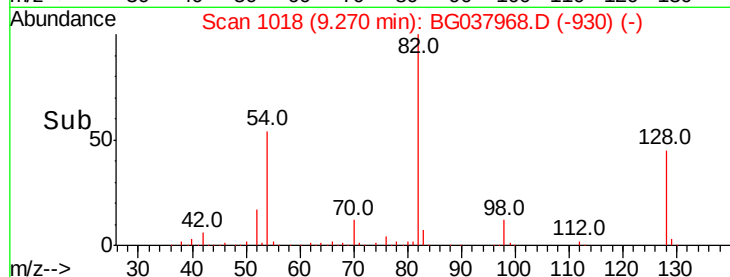
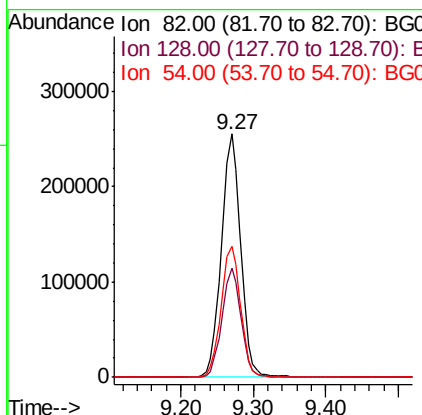
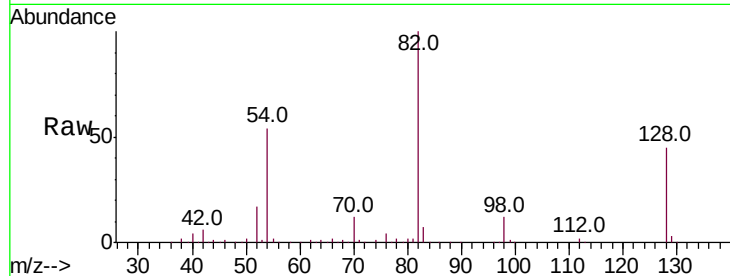




#23
 Nitrobenzene-d5
 Concen: 101.392 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG037968.D
 Acq: 13 Nov 2018 6:36

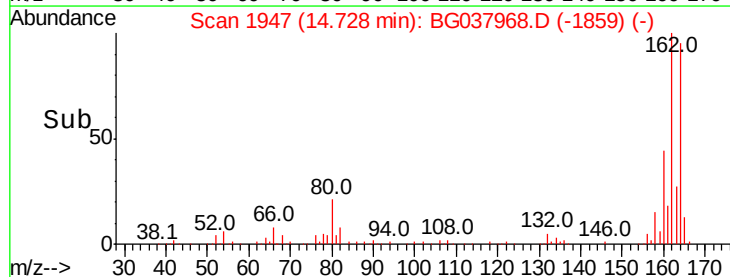
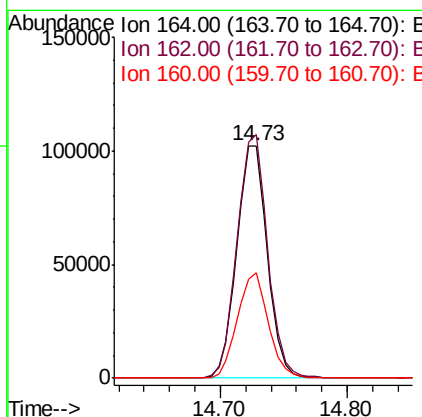
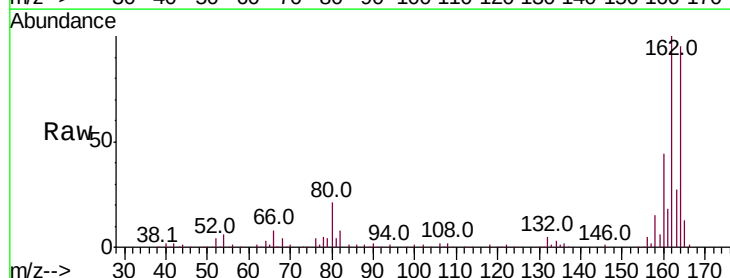
Instrument :
 BNA_G
 ClientSampleId :
 110818-TIPC-F-D-S

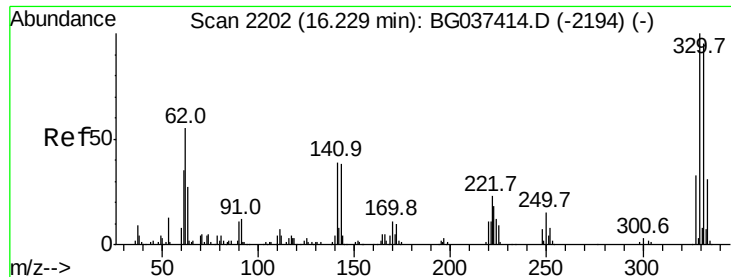
Tot Ion	82	Resp	473489
Ion Ratio	Lower	Upper	
82	100		
128	45.1	34.6	51.8
54	53.6	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BG037968.D
 Acq: 13 Nov 2018 6:36

Tgt Ion	164	Resp	170567
Ion Ratio	Lower	Upper	
164	100		
162	104.8	81.3	121.9
160	45.6	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 79.006 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037968.D

Acq: 13 Nov 2018 6:36

Instrument :

BNA_G

ClientSampleId :

110818-TIPC-F-D-S

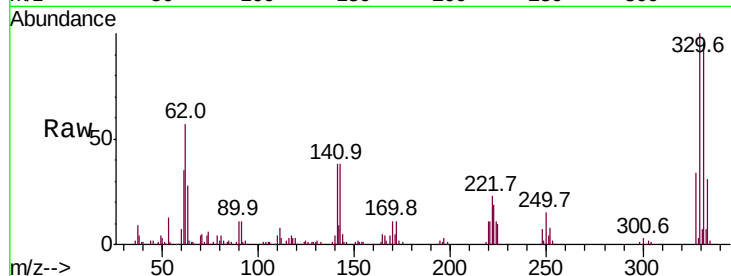
Tot Ion:330 Resp: 146979

Ion Ratio Lower Upper

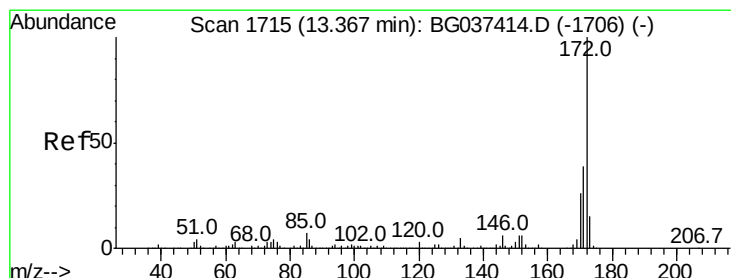
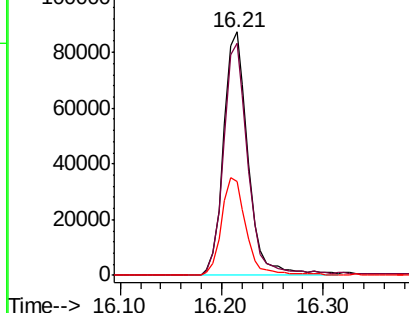
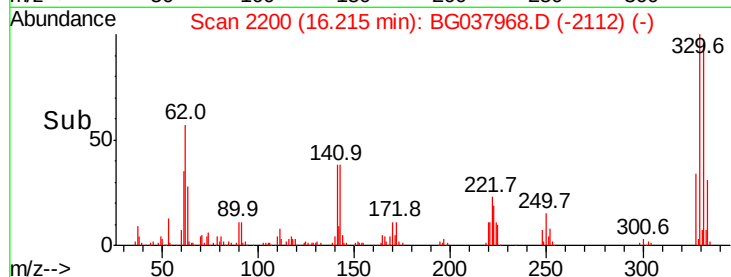
330 100

332 94.9 78.4 117.6

141 39.7 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: 97.311 ng

RT: 13.35 min Scan# 1712

Delta R.T. -0.02 min

Lab File: BG037968.D

Acq: 13 Nov 2018 6:36

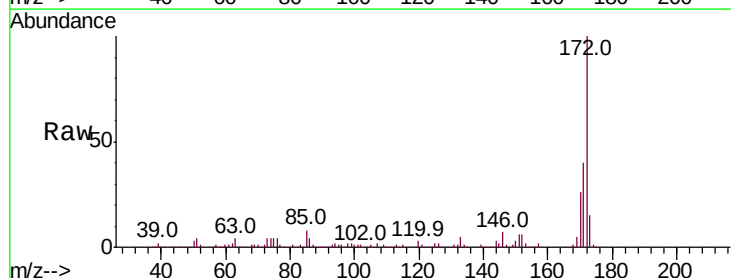
Tgt Ion:172 Resp: 1100703

Ion Ratio Lower Upper

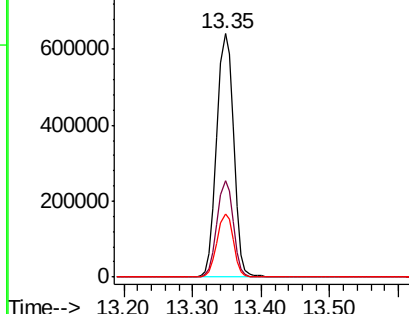
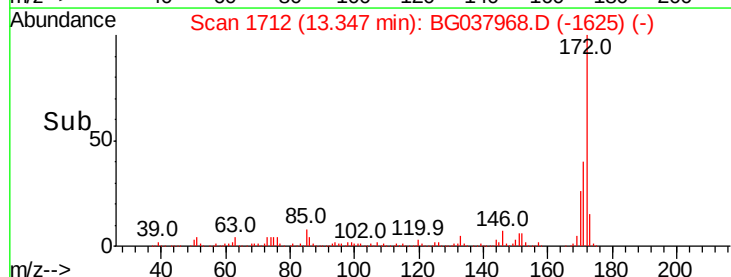
172 100

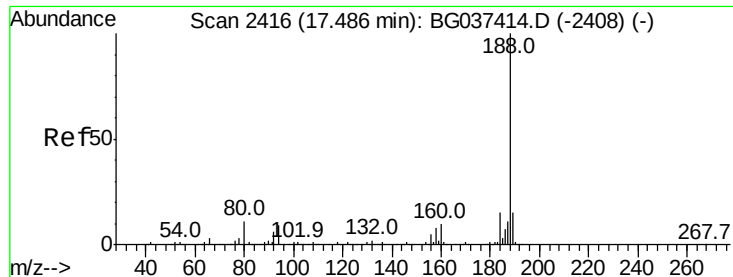
171 39.8 31.0 46.4

170 26.0 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: 17.47 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BG037968.D

Acq: 13 Nov 2018 6:36

Instrument :

BNA_G

ClientSampleId :

110818-TIPC-F-D-S

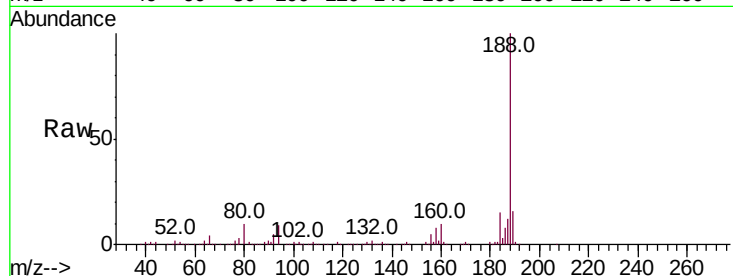
Tot Ion:188 Resp: 360923

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

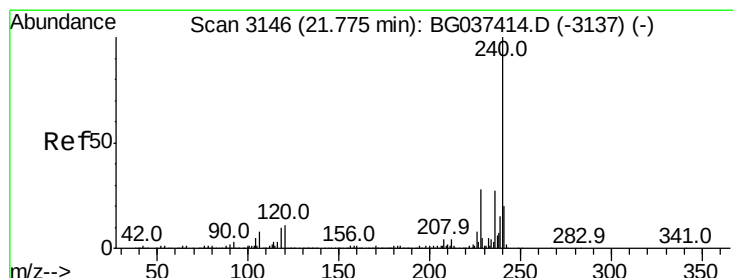
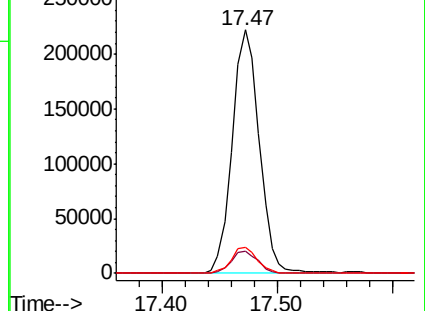
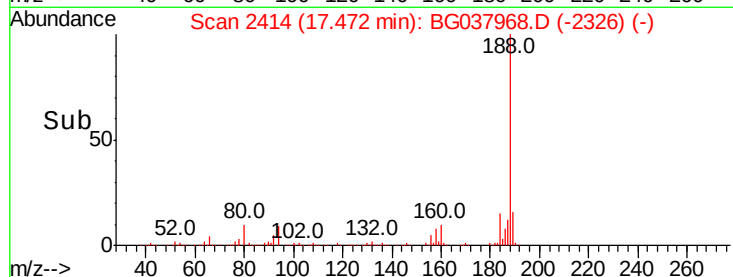
80 10.5 7.7 11.5



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: 21.76 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG037968.D

Acq: 13 Nov 2018 6:36

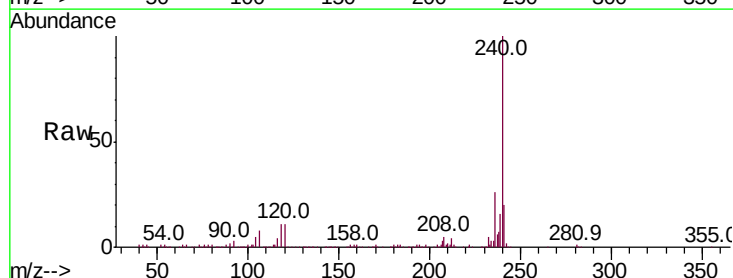
Tgt Ion:240 Resp: 304531

Ion Ratio Lower Upper

240 100

120 11.1 8.1 12.1

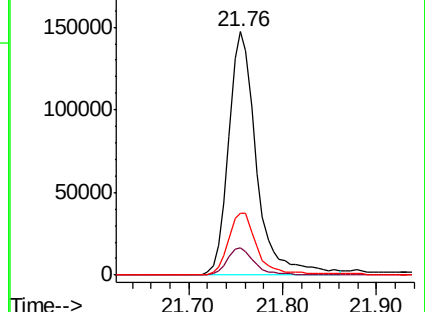
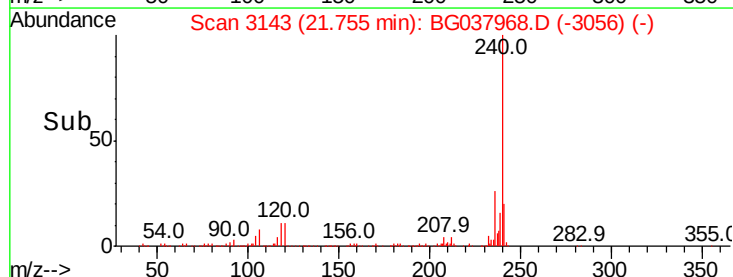
236 25.6 21.4 32.0

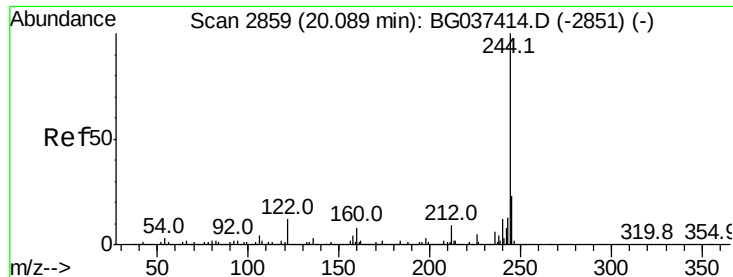


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 91.040 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037968.D

Acq: 13 Nov 2018 6:36

Instrument :

BNA_G

ClientSampleId :

110818-TIPC-F-D-S

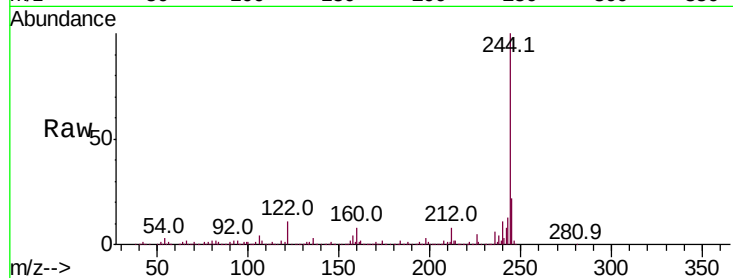
Tot Ion:244 Resp: 1297492

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

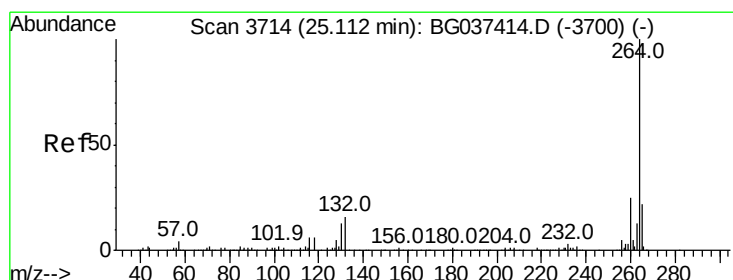
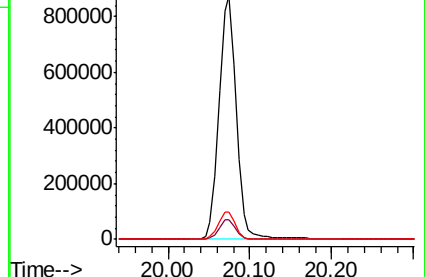
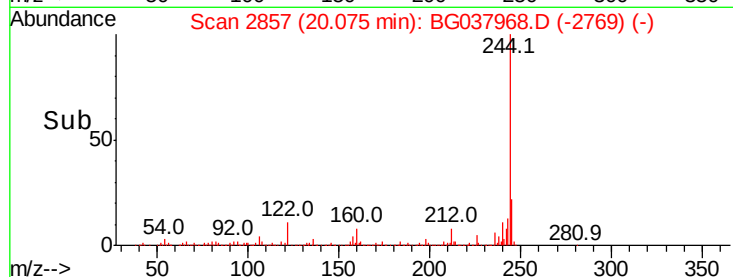
122 11.3 9.0 13.4



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# 3710

Delta R.T. -0.03 min

Lab File: BG037968.D

Acq: 13 Nov 2018 6:36

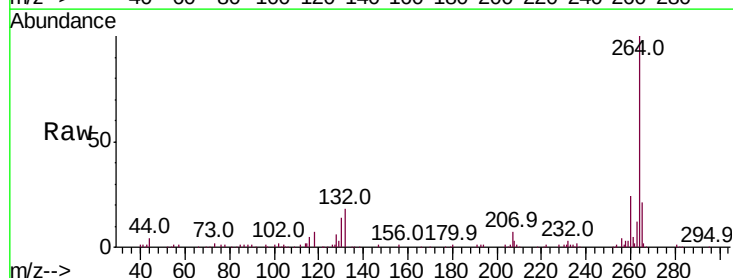
Tgt Ion:264 Resp: 258878

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.4

265 21.2 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

