

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092818\
 Data File : BG037074.D
 Acq On : 29 Sep 2018 7:23
 Operator : JU/SJ
 Sample : J4777-36
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-092718-B

Quant Time: Oct 01 02:18:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	44371	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	182875	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	110173	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	279123	20.00	ng	0.00
75) Chrysene-d12	21.68	240	301017	20.00	ng	-0.01
86) Perylene-d12	24.87	264	291891	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	262493	113.45	ng	0.00
7) Phenol-d6	7.20	99	313036	87.45	ng	-0.01
23) Nitrobenzene-d5	9.20	82	275440	80.66	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	138219	104.86	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	560415	75.76	ng	-0.01
78) Terphenyl-d14	20.01	244	1001240	87.46	ng	-0.01

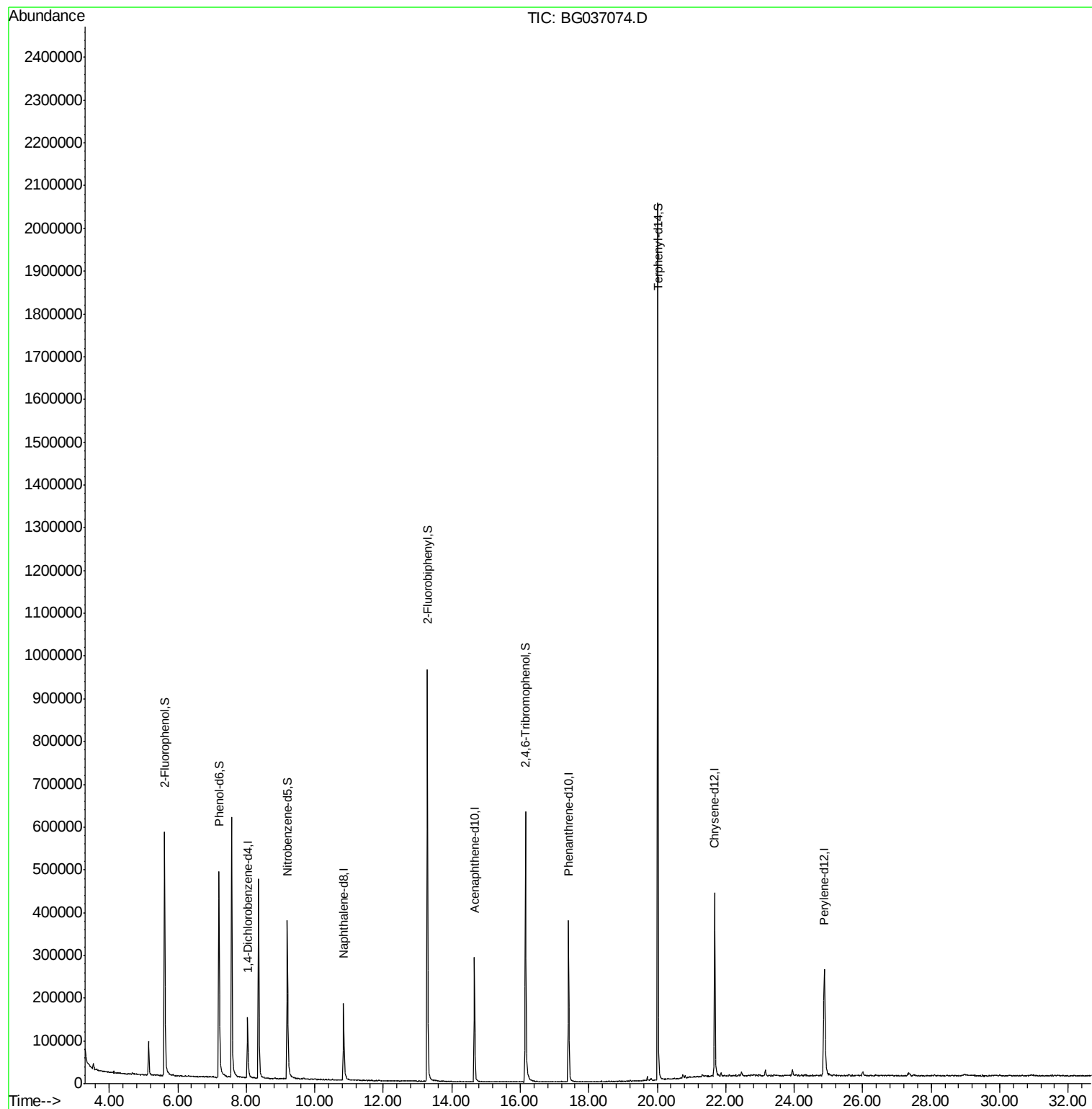
Target Compounds Qvalue

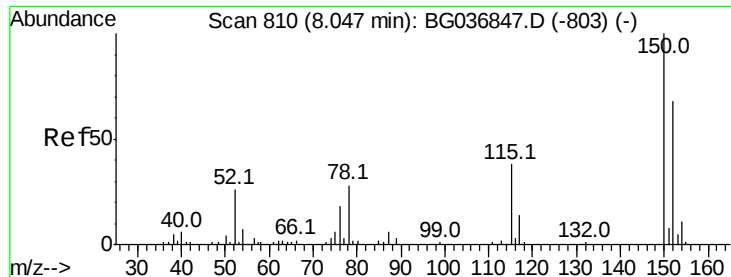
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.01 min

Lab File: BG037074.D

Acq: 29 Sep 2018 7:23

Instrument :

BNA_G

ClientSampleId :

PL-01-092718-B

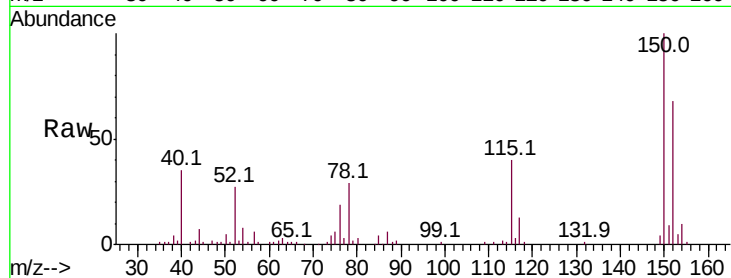
Tot Ion:152 Resp: 44371

Ion Ratio Lower Upper

152 100

150 146.3 119.5 179.3

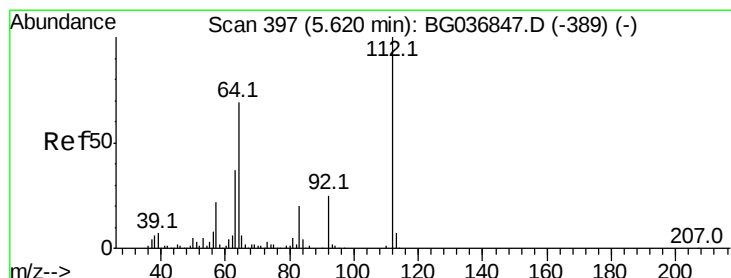
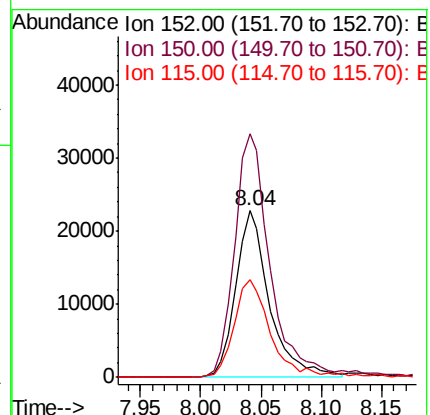
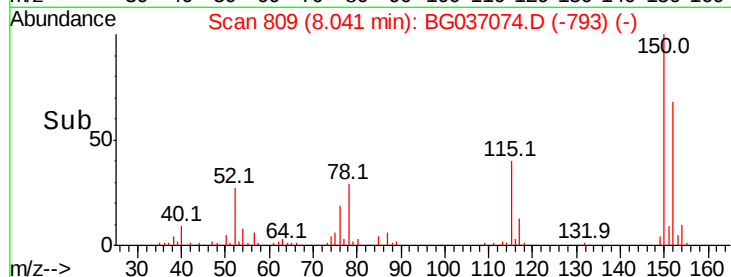
115 58.7 44.5 66.7



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: 113.454 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG037074.D

Acq: 29 Sep 2018 7:23

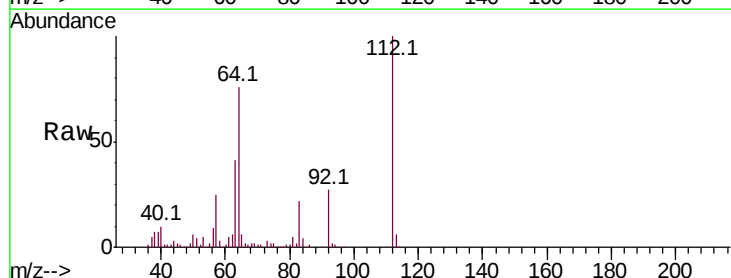
Tgt Ion:112 Resp: 262493

Ion Ratio Lower Upper

112 100

64 76.1 57.2 85.8

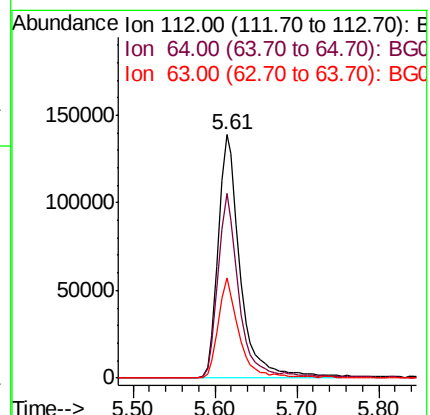
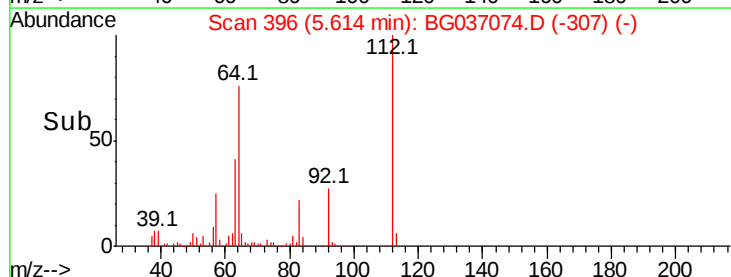
63 41.1 30.8 46.2

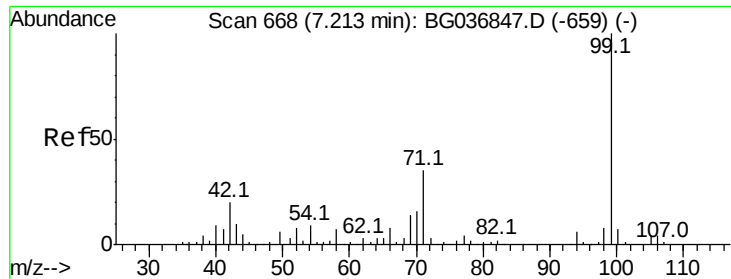


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 87.449 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037074.D

Acq: 29 Sep 2018 7:23

Instrument :

BNA_G

ClientSampleId :

PL-01-092718-B

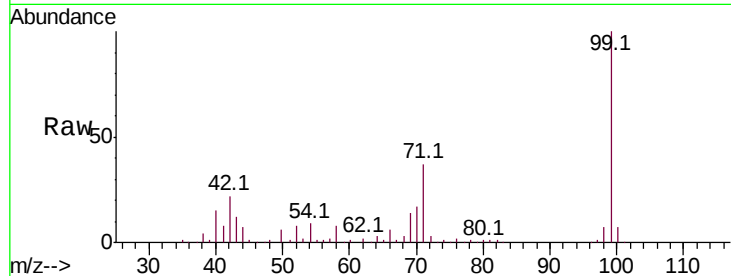
Tot Ion: 99 Resp: 313036

Ion Ratio Lower Upper

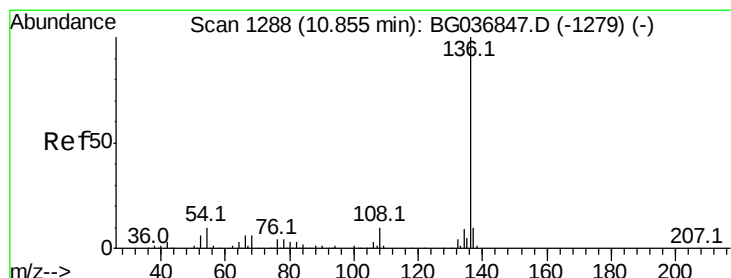
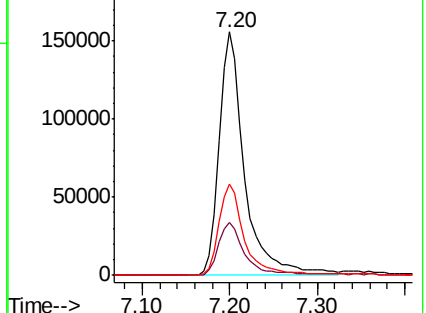
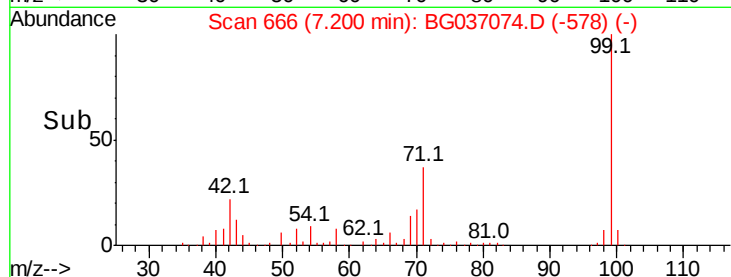
99 100

42 21.5 16.5 24.7

71 37.3 29.4 44.2



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: 10.84 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG037074.D

Acq: 29 Sep 2018 7:23

Tgt Ion: 136 Resp: 182875

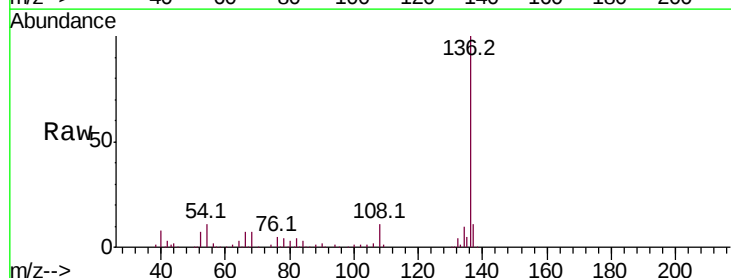
Ion Ratio Lower Upper

136 100

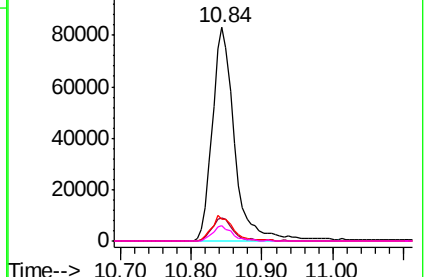
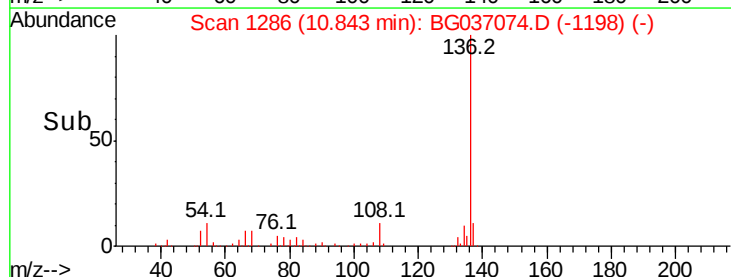
137 10.7 8.8 13.2

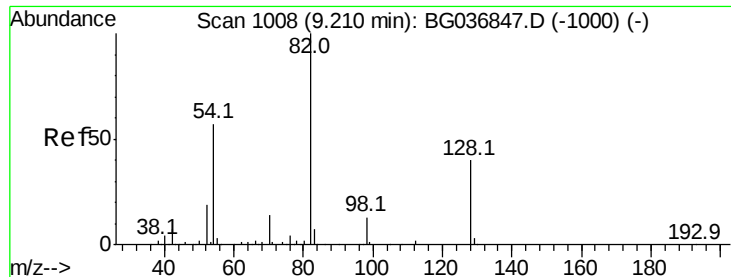
54 10.5 9.2 13.8

68 6.9 5.8 8.6



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

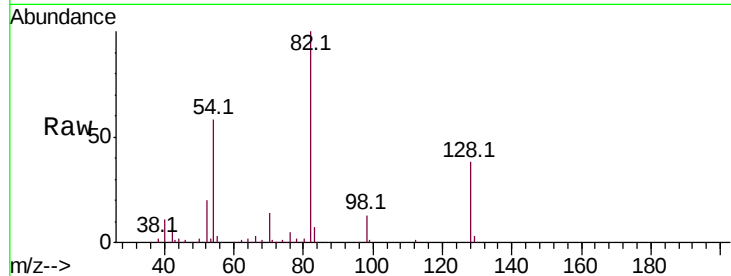




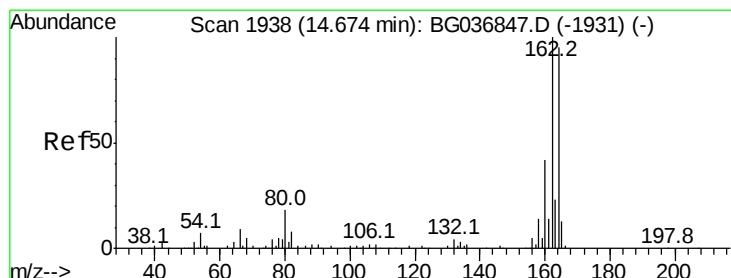
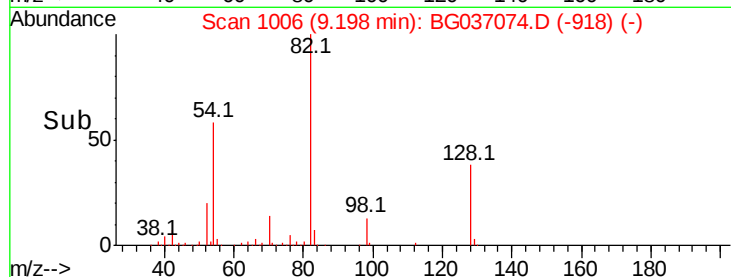
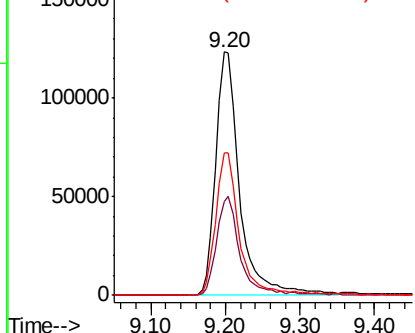
#23
 Nitrobenzene-d5
 Concen: 80.657 ng
 RT: 9.20 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG037074.D
 Acq: 29 Sep 2018 7:23

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-092718-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.4	33.3	49.9
54	58.4	45.1	67.7

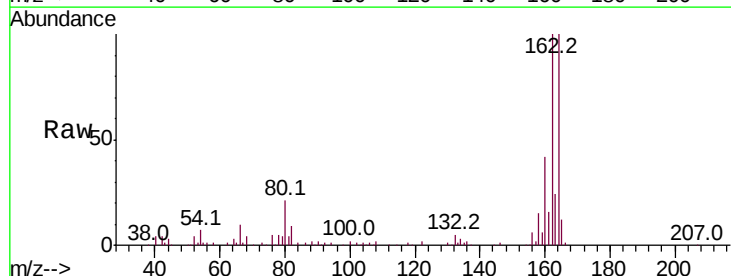


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

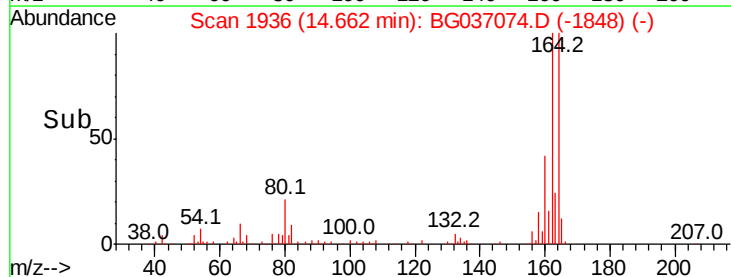
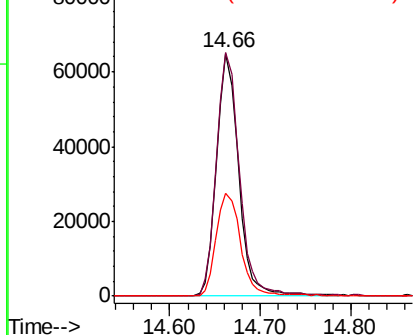


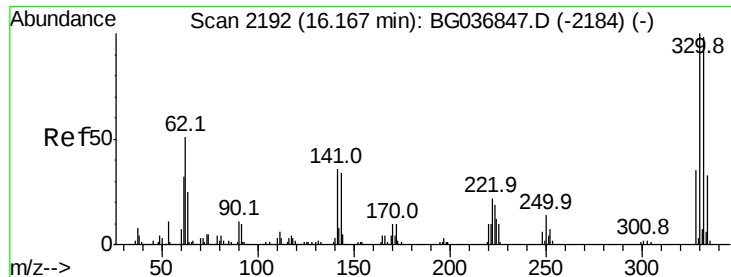
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BG037074.D
 Acq: 29 Sep 2018 7:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.7	121.1
160	42.4	35.3	52.9



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

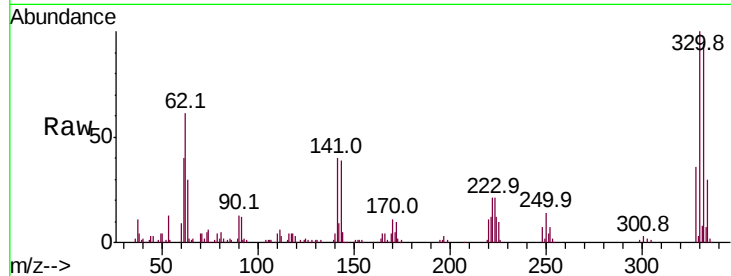




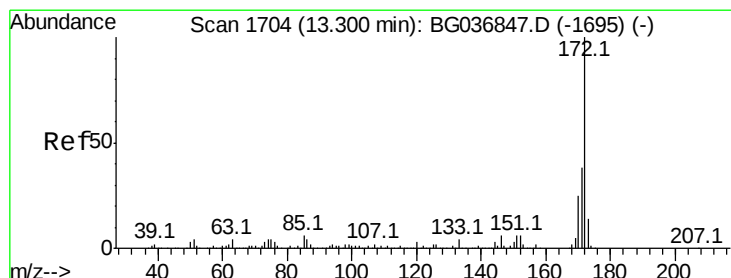
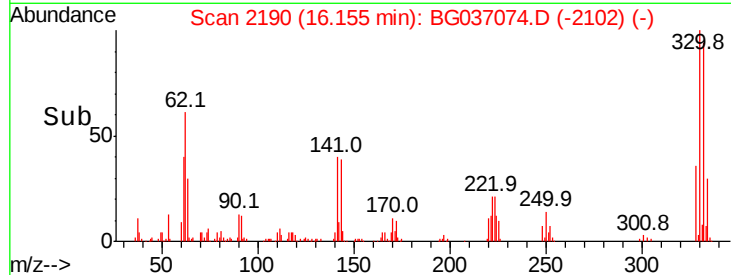
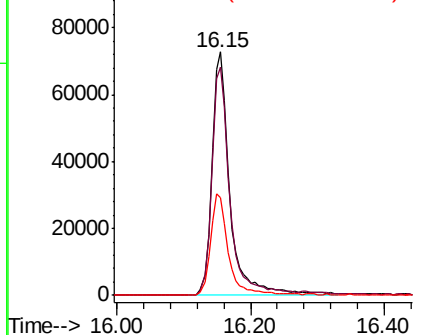
#41
 2,4,6-Tribromophenol
 Concen: 104.858 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG037074.D
 Acq: 29 Sep 2018 7:23

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-092718-B

Tot Ion:330 Resp: 138219
 Ion Ratio Lower Upper
 330 100
 332 93.6 75.4 113.2
 141 41.2 30.7 46.1

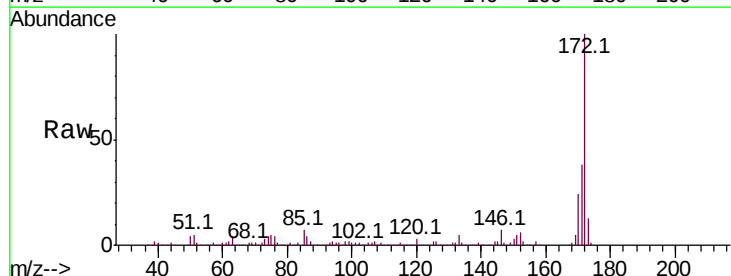


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

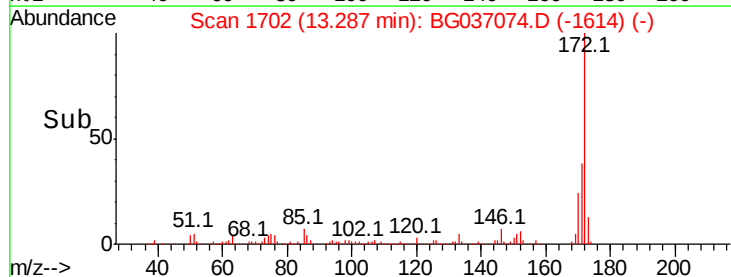
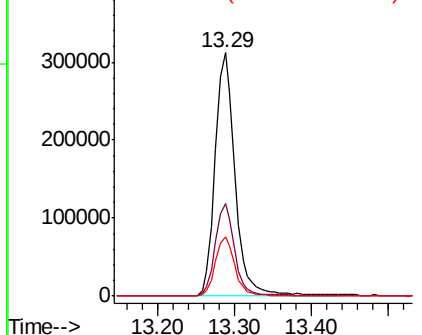


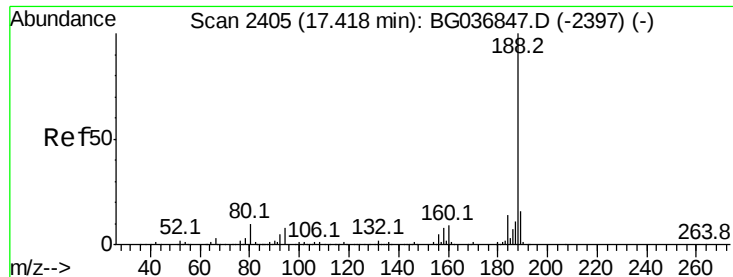
#44
 2-Fluorobiphenyl
 Concen: 75.761 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037074.D
 Acq: 29 Sep 2018 7:23

Tgt Ion:172 Resp: 560415
 Ion Ratio Lower Upper
 172 100
 171 37.8 31.3 46.9
 170 24.4 21.0 31.6



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

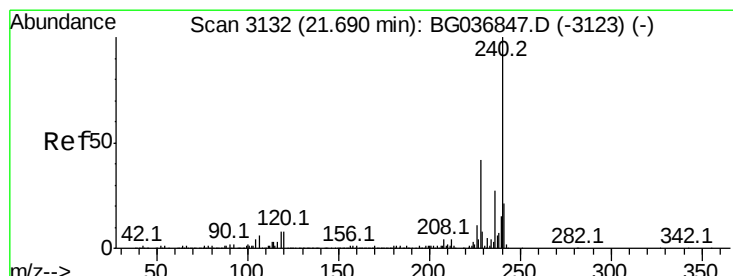
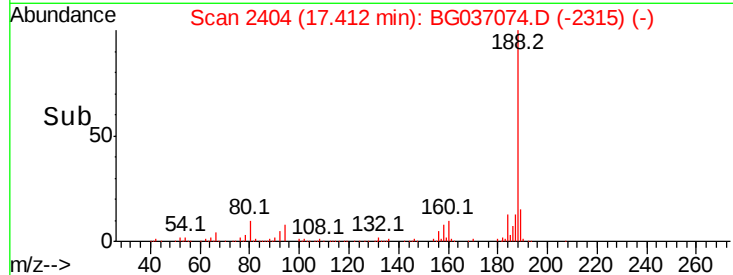
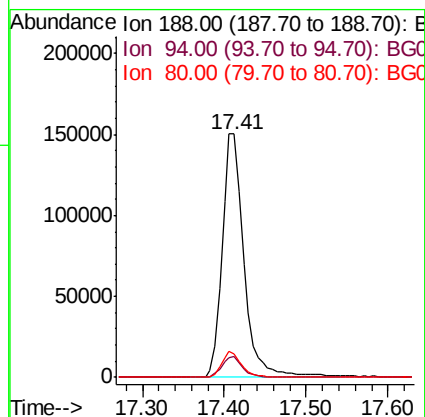
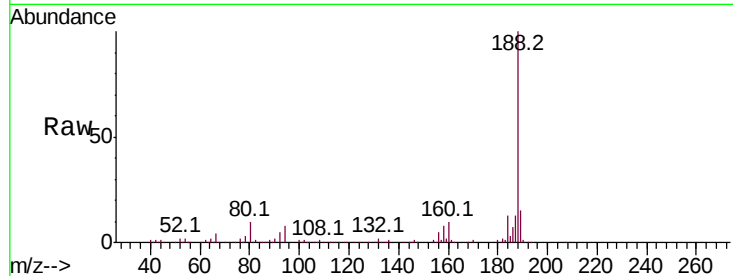




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG037074.D
Acq: 29 Sep 2018 7:23

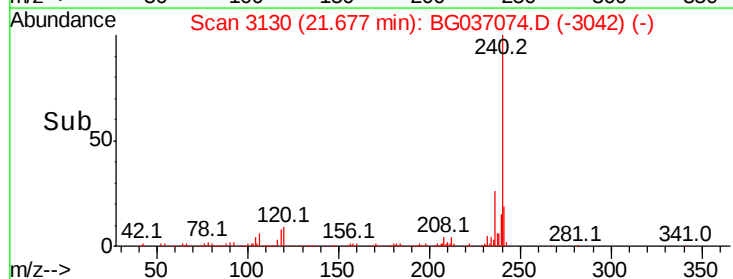
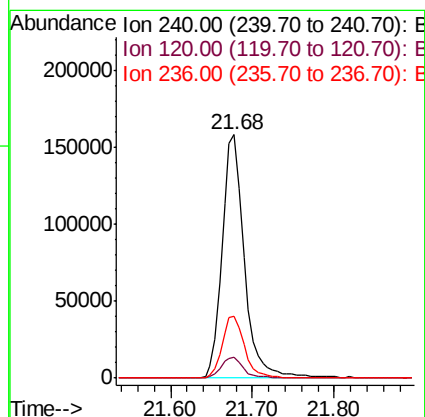
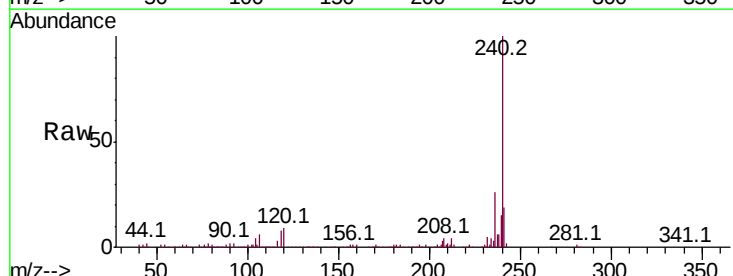
Instrument :
BNA_G
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PL-01-092718-B

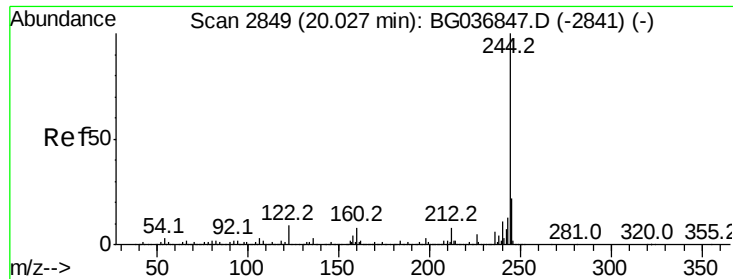
Tot Ion:188 Resp: 279123
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 9.8 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG037074.D
Acq: 29 Sep 2018 7:23

Tgt Ion:240 Resp: 301017
Ion Ratio Lower Upper
240 100
120 8.8 6.9 10.3
236 25.5 21.2 31.8



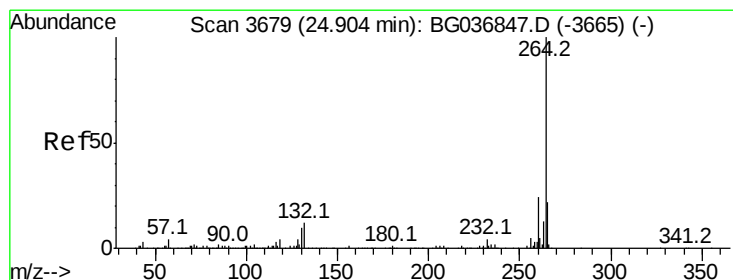
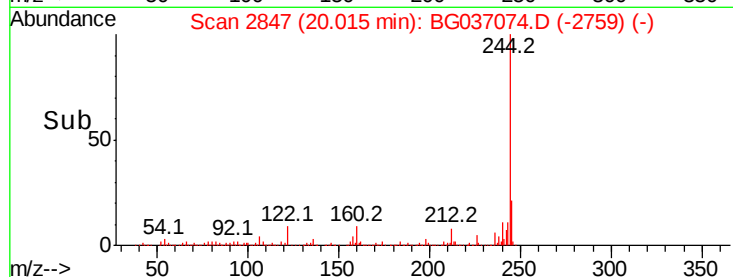
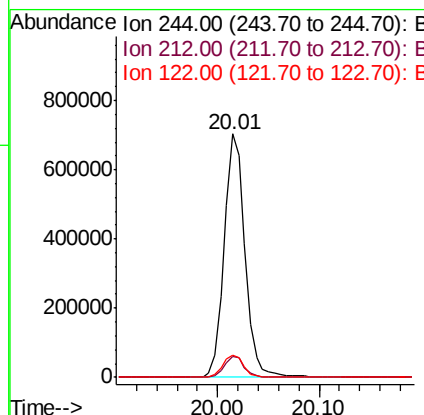
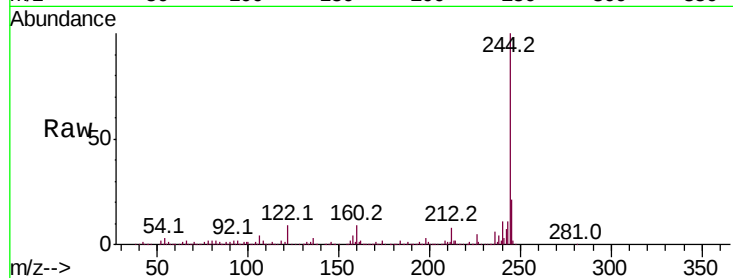


#78
 Terphenyl-d14
 Concen: 87.462 ng
 RT: 20.01 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BG037074.D
 Acq: 29 Sep 2018 7:23

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-092718-B

Tot Ion:244 Resp: 1001240

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.6
122	9.3	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.87 min Scan# 3674
 Delta R.T. -0.03 min
 Lab File: BG037074.D
 Acq: 29 Sep 2018 7:23

Tgt Ion:264 Resp: 291891

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	21.1	17.4	26.0

