

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
 Data File : BG036864.D
 Acq On : 21 Sep 2018 18:45
 Operator : JU/SJ
 Sample : J4777-12
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-0920-18-A

Quant Time: Sep 22 04:59:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 20:07:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	45531	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	180292	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	118465	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	318893	20.00	ng	0.00
75) Chrysene-d12	21.68	240	353479	20.00	ng	0.00
86) Perylene-d12	24.90	264	346589	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	284576	119.86	ng	0.00
7) Phenol-d6	7.21	99	352722	96.03	ng	0.00
23) Nitrobenzene-d5	9.21	82	292289	86.82	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	197097	139.06	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	661678	83.19	ng	0.00
78) Terphenyl-d14	20.03	244	1310588	97.49	ng	0.00

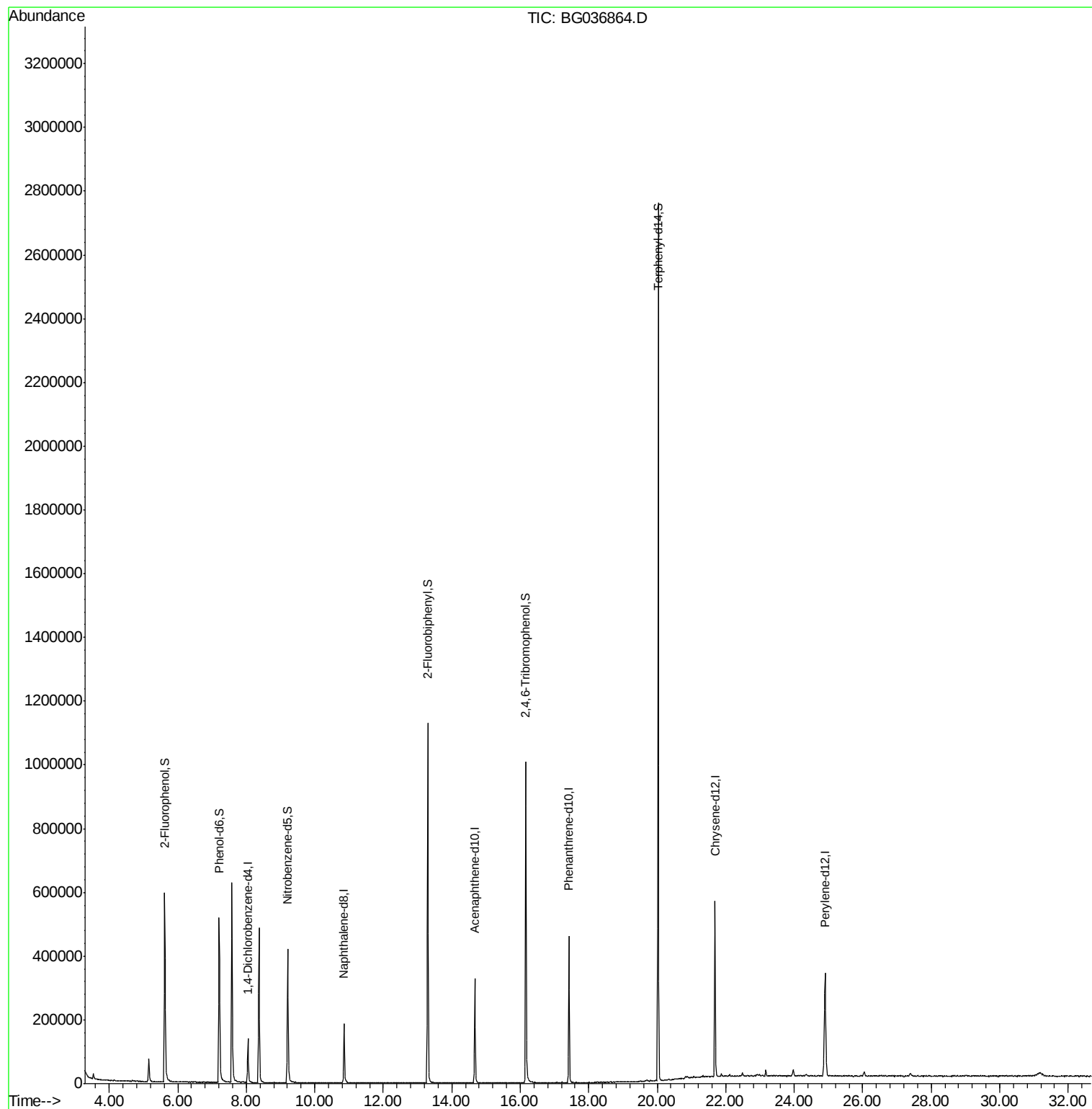
Target Compounds Qvalue

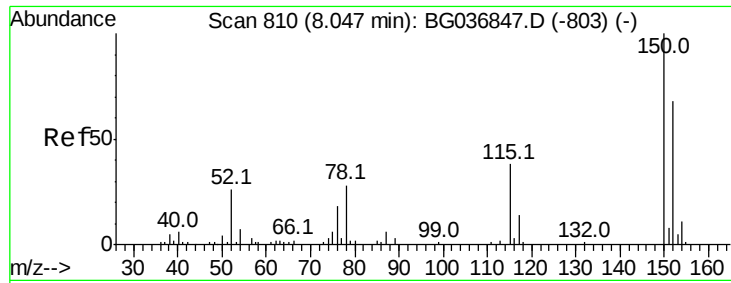
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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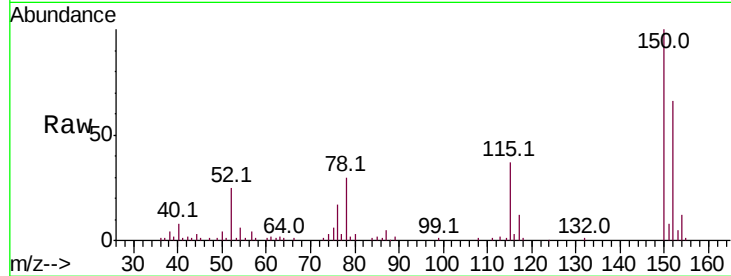


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BG036864.D
 Acq: 21 Sep 2018 18:45

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-0920-18-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	119.5	179.3
115	57.0	44.5	66.7

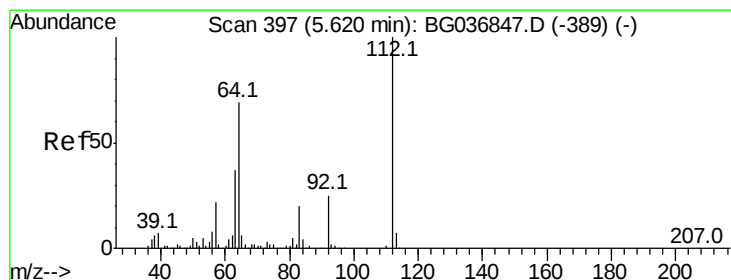
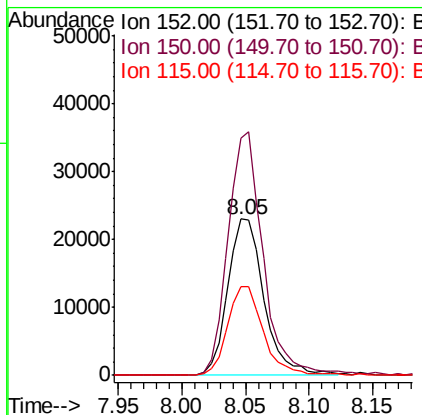
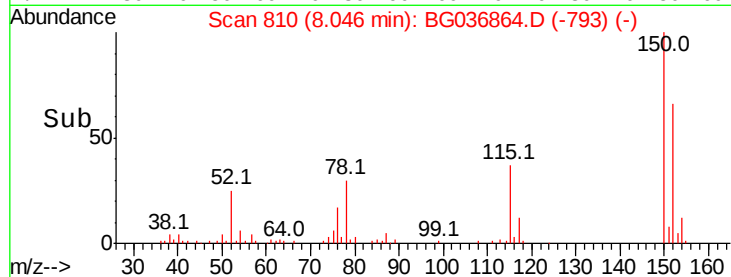


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

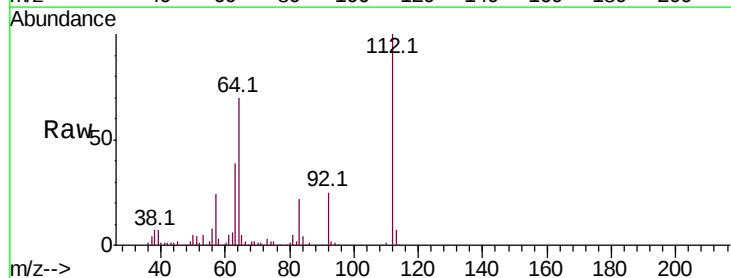
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 119.864 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036864.D
 Acq: 21 Sep 2018 18:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.9	57.2	85.8
63	38.5	30.8	46.2

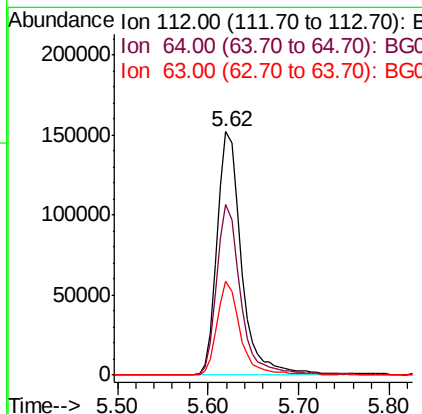
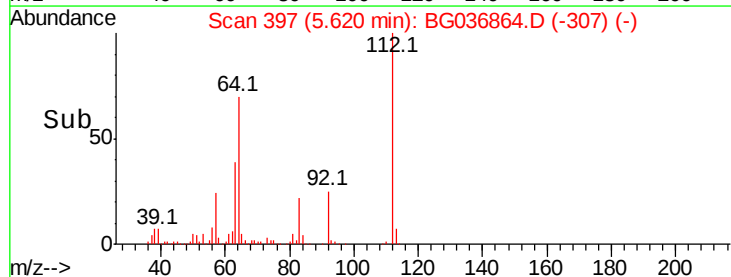


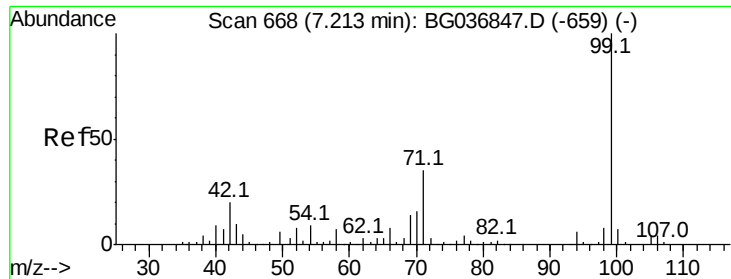
Abundance

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: 96.026 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036864.D

Acq: 21 Sep 2018 18:45

Instrument :

BNA_G

ClientSampleId :

PL-02-0920-18-A

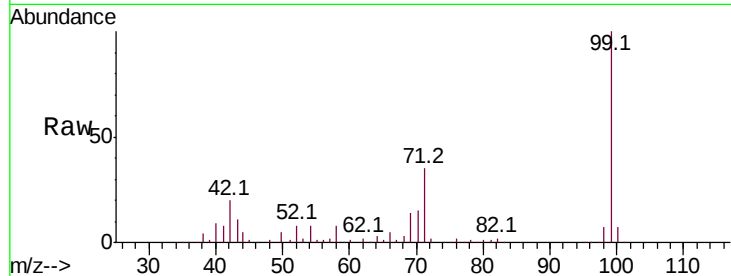
Tot Ion: 99 Resp: 352722

Ion Ratio Lower Upper

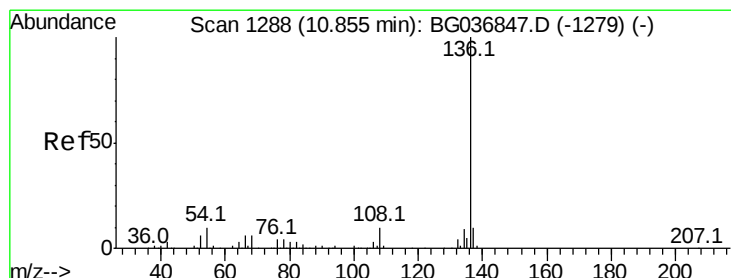
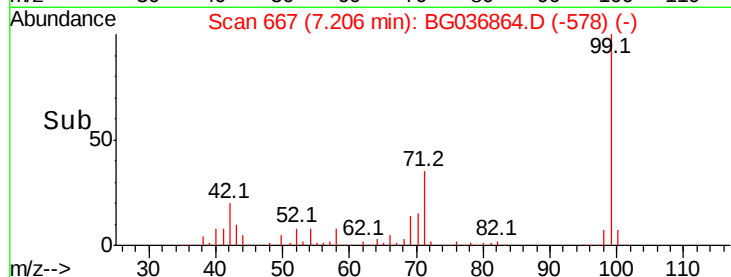
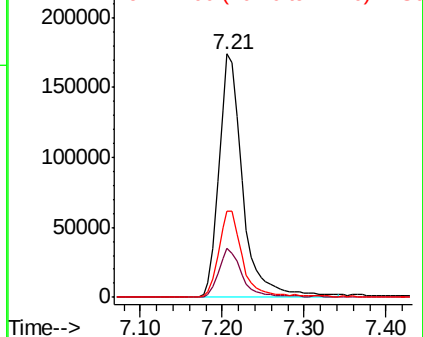
99 100

42 20.1 16.5 24.7

71 35.1 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: 10.85 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BG036864.D

Acq: 21 Sep 2018 18:45

Tgt Ion: 136 Resp: 180292

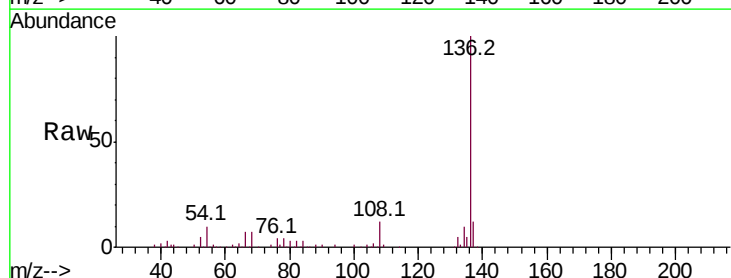
Ion Ratio Lower Upper

136 100

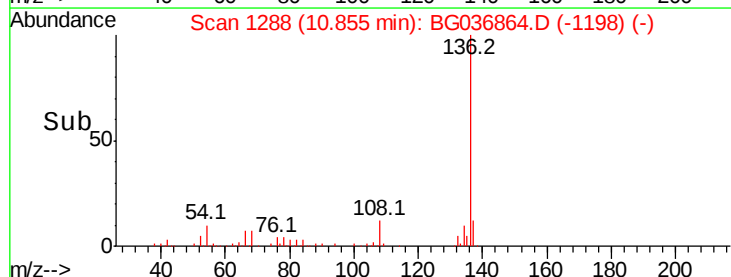
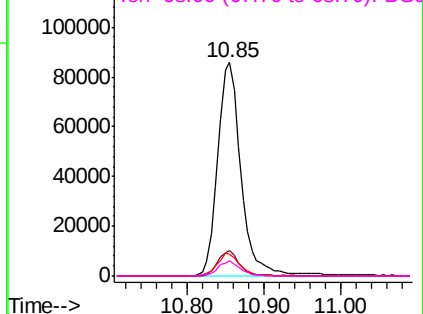
137 12.0 8.8 13.2

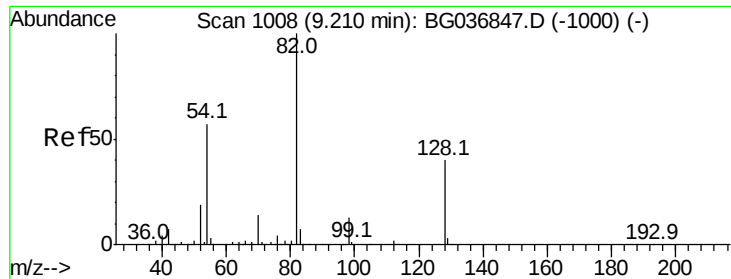
54 10.4 9.2 13.8

68 7.1 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

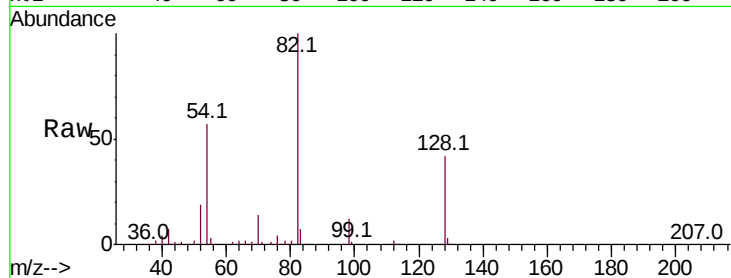




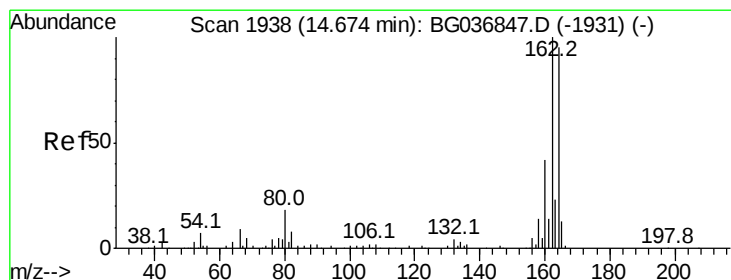
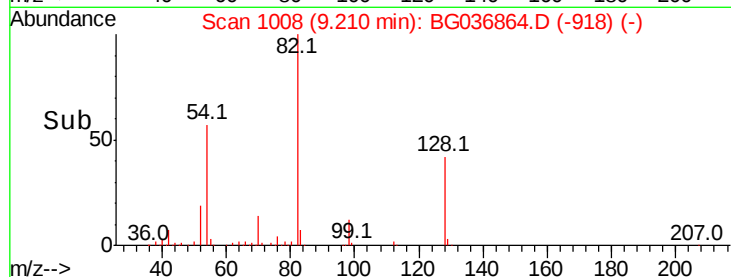
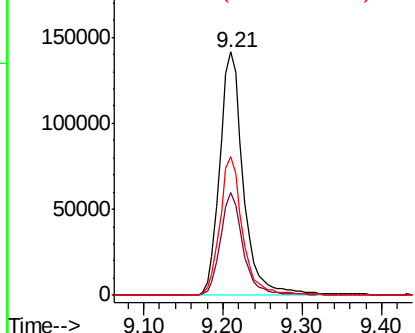
#23
 Nitrobenzene-d5
 Concen: 86.817 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BG036864.D
 Acq: 21 Sep 2018 18:45

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-0920-18-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.3	49.9
54	56.9	45.1	67.7

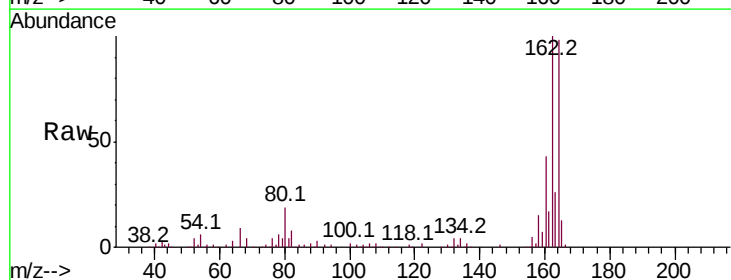


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

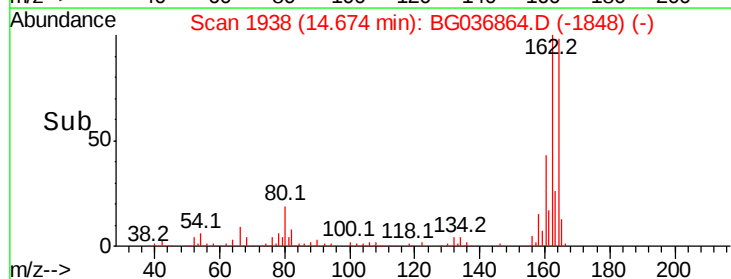
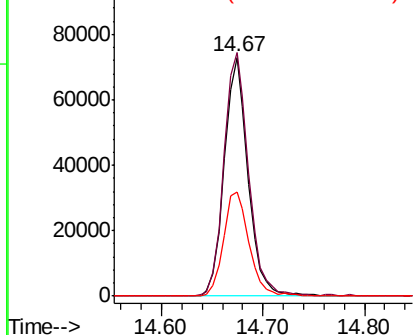


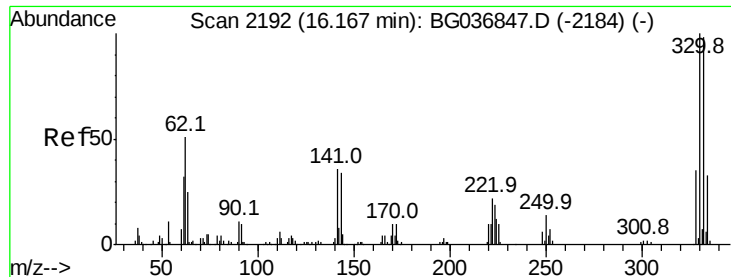
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: BG036864.D
 Acq: 21 Sep 2018 18:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.7	121.1
160	43.8	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

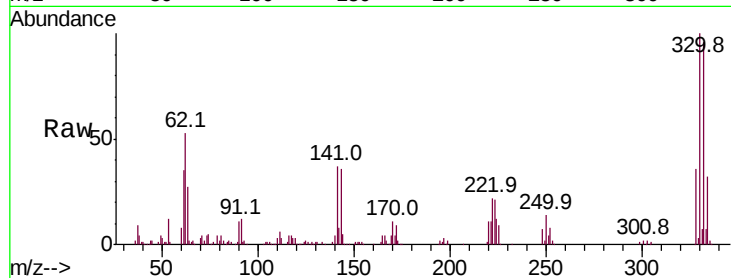




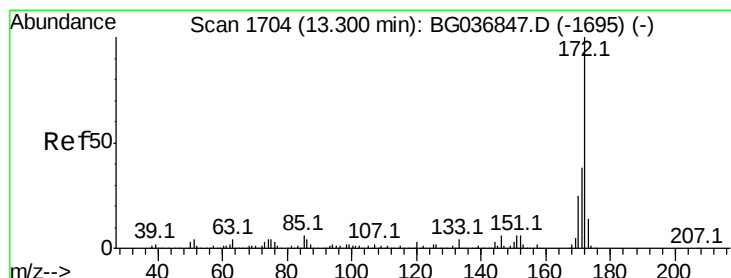
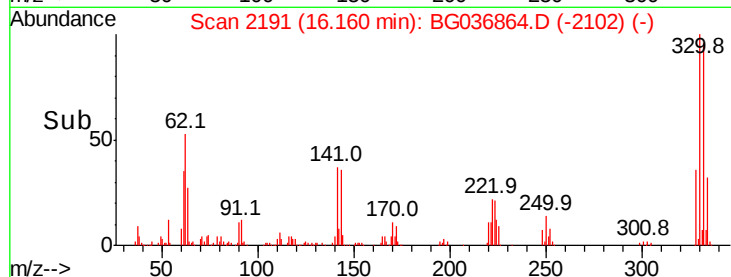
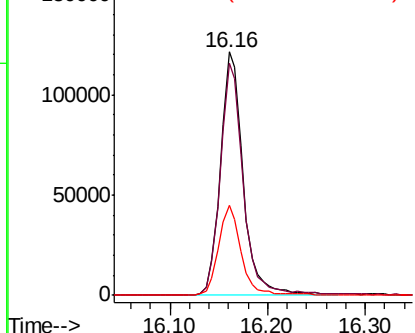
#41
 2,4,6-Tribromophenol
 Concen: 139.059 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036864.D
 Acq: 21 Sep 2018 18:45

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-0920-18-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.4	113.2
141	36.5	30.7	46.1

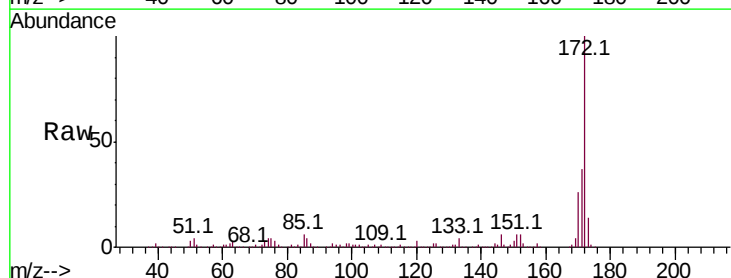


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

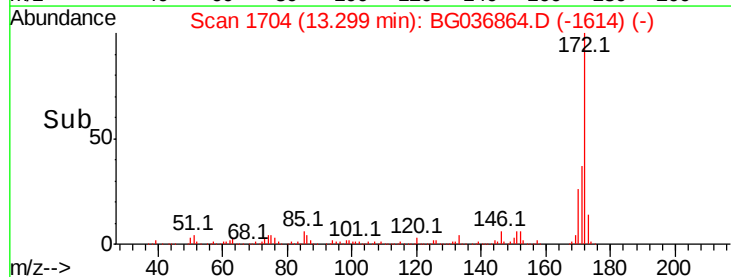
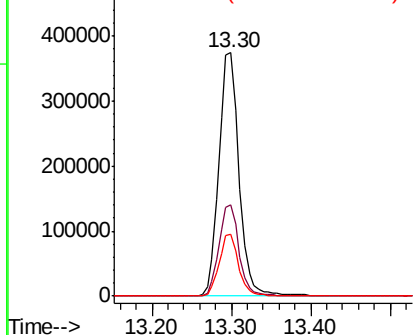


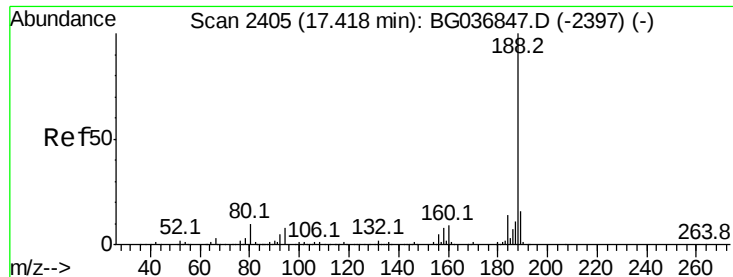
#44
 2-Fluorobiphenyl
 Concen: 83.189 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG036864.D
 Acq: 21 Sep 2018 18:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	31.3	46.9
170	25.5	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

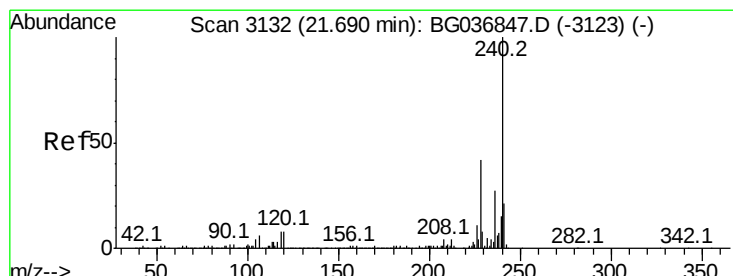
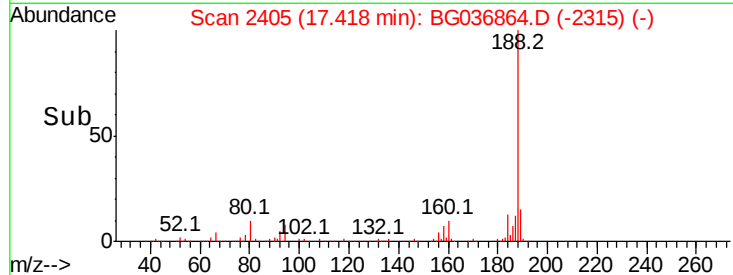
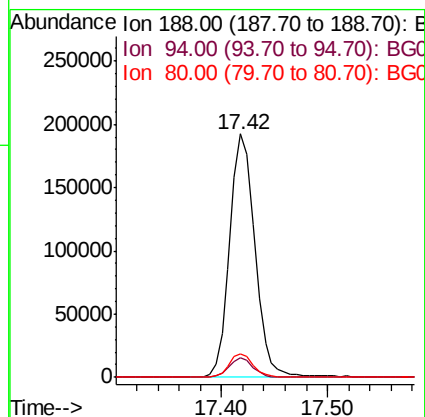
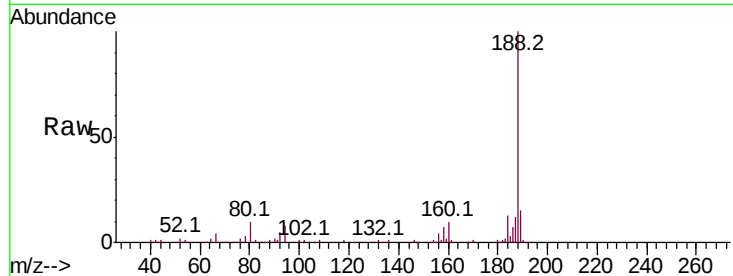




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BG036864.D
Acq: 21 Sep 2018 18:45

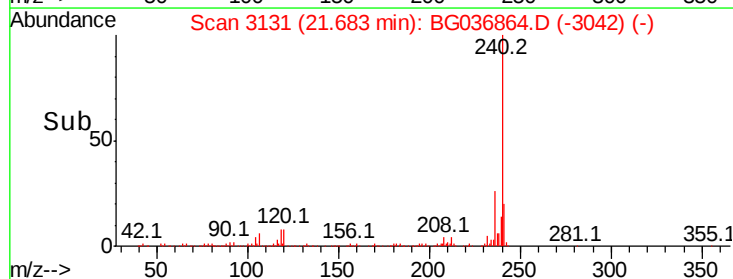
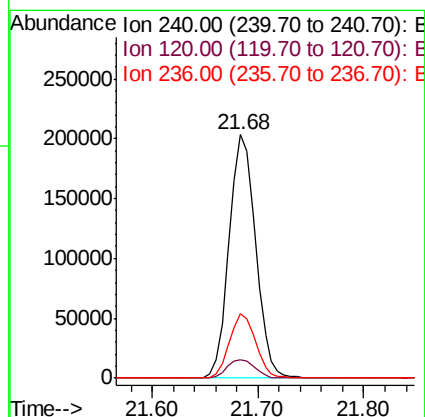
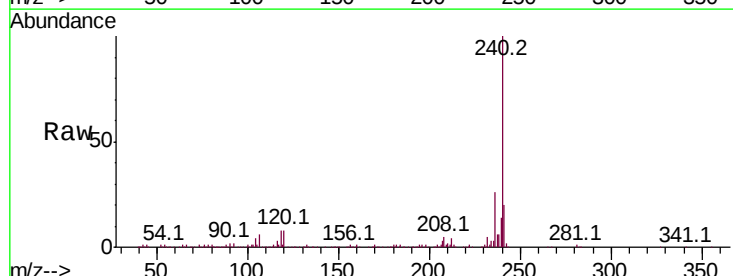
Instrument :
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PL-02-0920-18-A

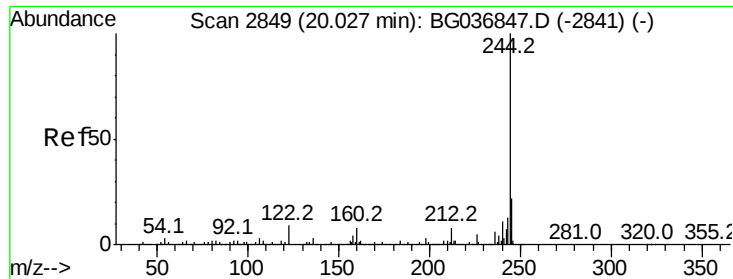
Tot Ion:188 Resp: 318893
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 9.5 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036864.D
Acq: 21 Sep 2018 18:45

Tgt Ion:240 Resp: 353479
Ion Ratio Lower Upper
240 100
120 7.7 6.9 10.3
236 26.5 21.2 31.8





#78

Terphenyl-d14

Concen: 97.493 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036864.D

Acq: 21 Sep 2018 18:45

Instrument :

BNA_G

ClientSampleId :

PL-02-0920-18-A

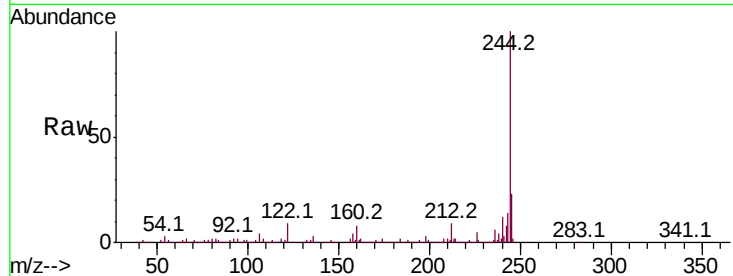
Tot Ion:244 Resp: 1310588

Ion Ratio Lower Upper

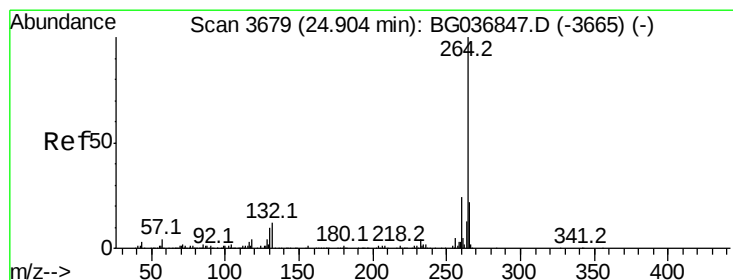
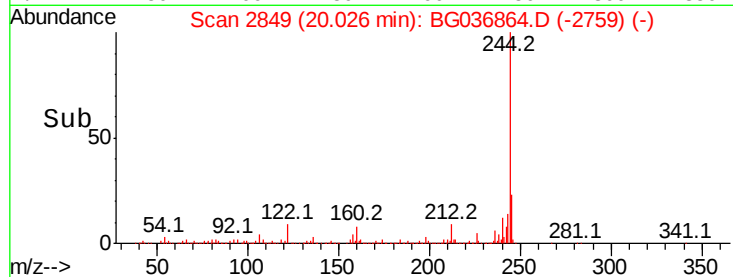
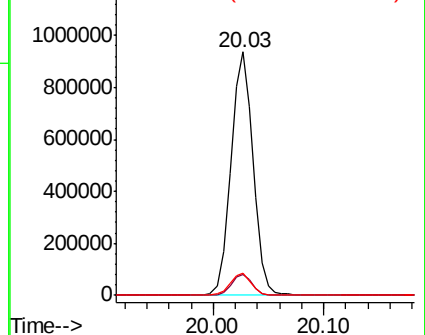
244 100

212 8.7 7.0 10.6

122 9.1 7.1 10.7



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3678

Delta R.T. -0.01 min

Lab File: BG036864.D

Acq: 21 Sep 2018 18:45

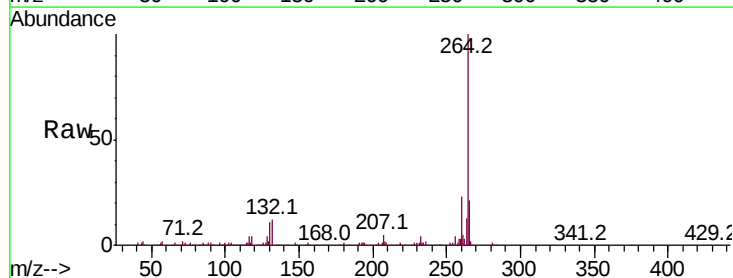
Tgt Ion:264 Resp: 346589

Ion Ratio Lower Upper

264 100

260 23.5 19.6 29.4

265 21.2 17.4 26.0



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

