

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
 Data File : BG036865.D
 Acq On : 21 Sep 2018 19:23
 Operator : JU/SJ
 Sample : J4777-14
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Sep 22 05:00:45 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

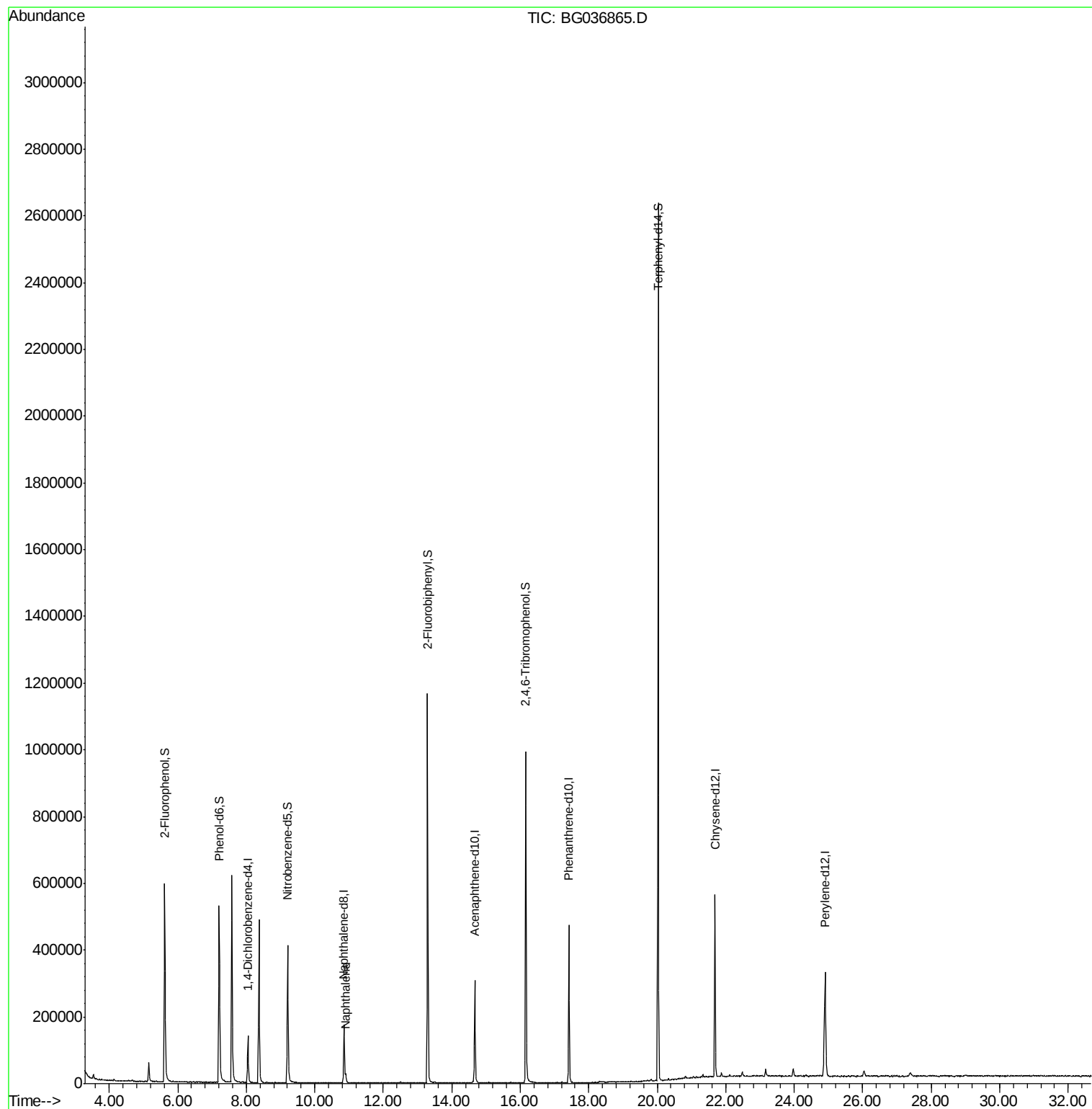
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	43755	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	174776	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	116671	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	311128	20.00	ng	0.00
75) Chrysene-d12	21.68	240	342422	20.00	ng	0.00
86) Perylene-d12	24.90	264	338032	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	281097	123.20	ng	0.00
7) Phenol-d6	7.21	99	357211	101.19	ng	0.00
23) Nitrobenzene-d5	9.21	82	289047	88.56	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	198071	141.90	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	656271	83.78	ng	0.00
78) Terphenyl-d14	20.03	244	1270559	97.57	ng	0.00
Target Compounds						
31) Naphthalene	10.91	128	20098	2.417	ng	Qvalue 98

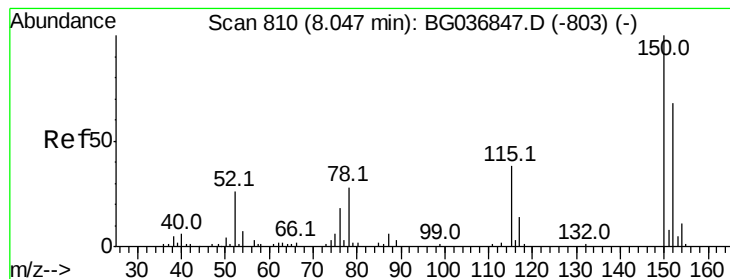
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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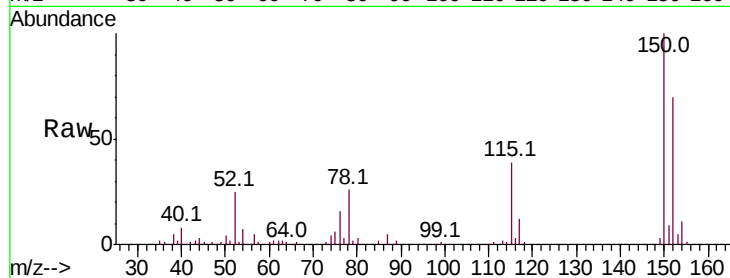


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG036865.D
Acq: 21 Sep 2018 19:23

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.9	119.5	179.3
115	56.3	44.5	66.7

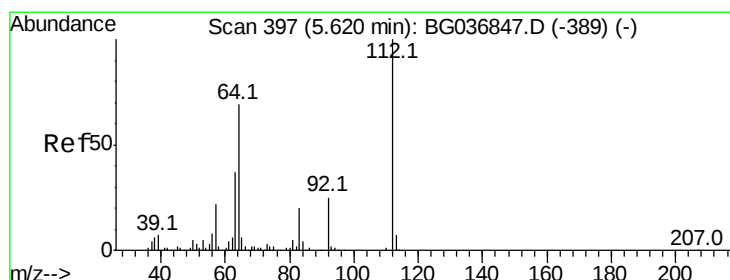
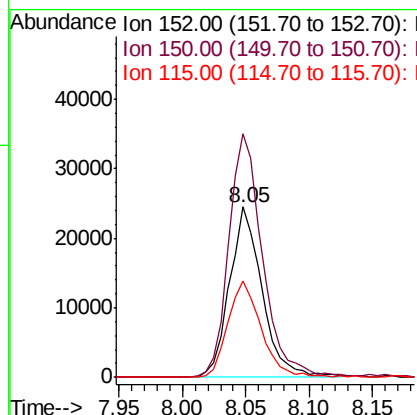
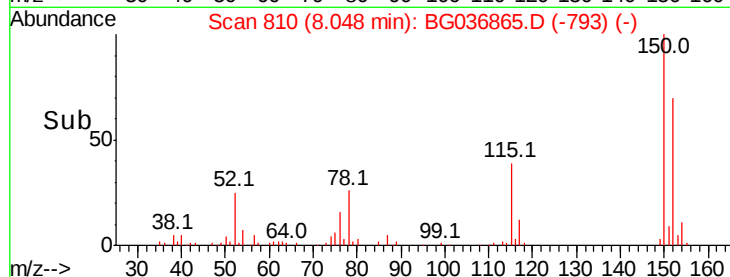


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

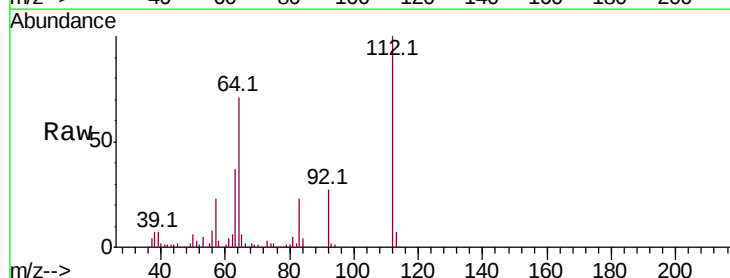
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 123.205 ng
RT: 5.62 min Scan# 397
Delta R.T. 0.00 min
Lab File: BG036865.D
Acq: 21 Sep 2018 19:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.3	57.2	85.8
63	37.4	30.8	46.2

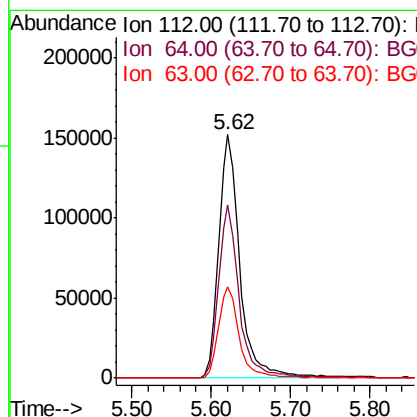
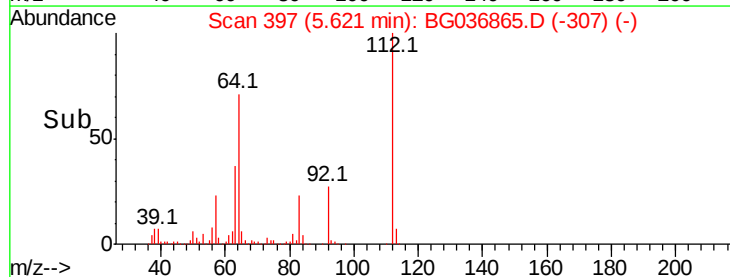


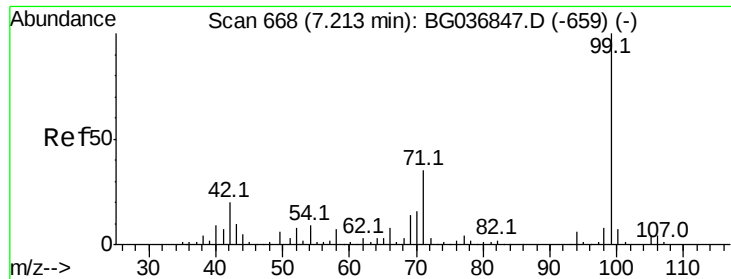
Abundance

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: 101.195 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036865.D

Acq: 21 Sep 2018 19:23

Instrument :

BNA_G

ClientSampleId :

PL-02-0920-18-B

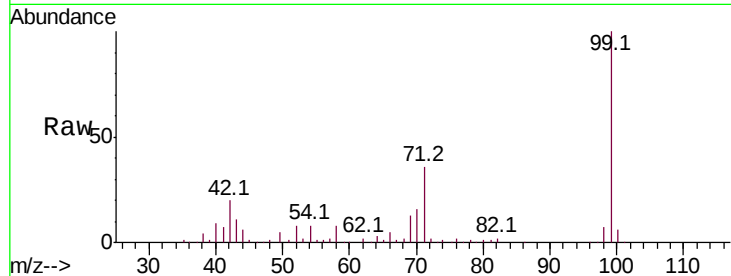
Tot Ion: 99 Resp: 357211

Ion Ratio Lower Upper

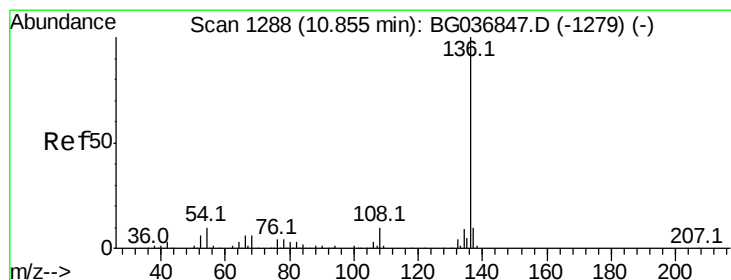
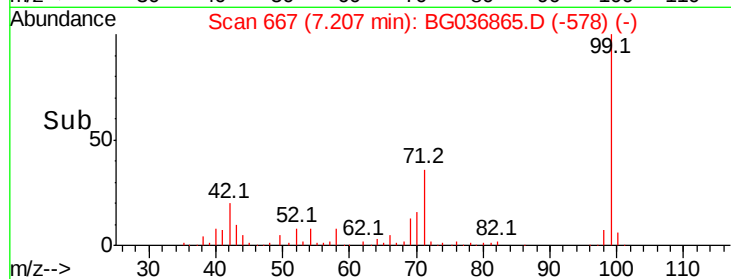
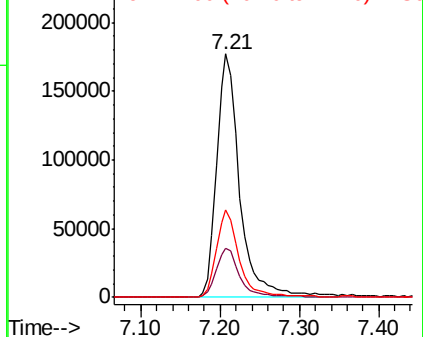
99 100

42 20.4 16.5 24.7

71 35.8 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: 10.86 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BG036865.D

Acq: 21 Sep 2018 19:23

Tgt Ion: 136 Resp: 174776

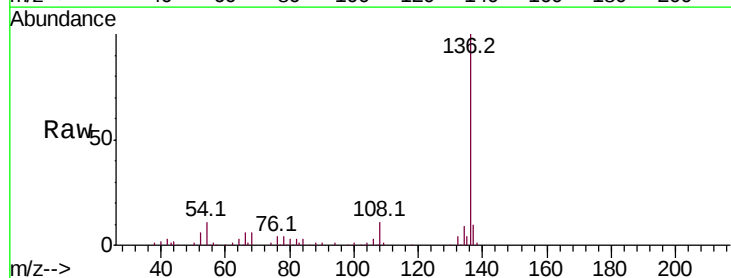
Ion Ratio Lower Upper

136 100

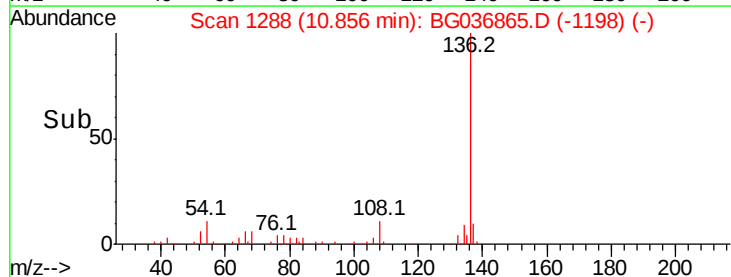
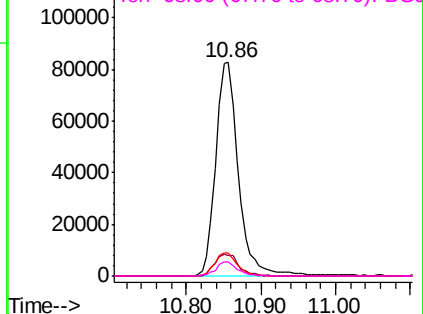
137 9.9 8.8 13.2

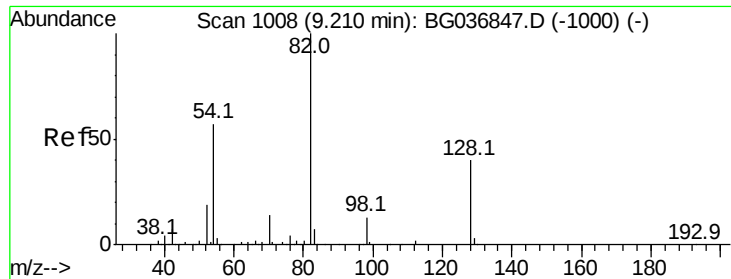
54 10.6 9.2 13.8

68 6.3 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

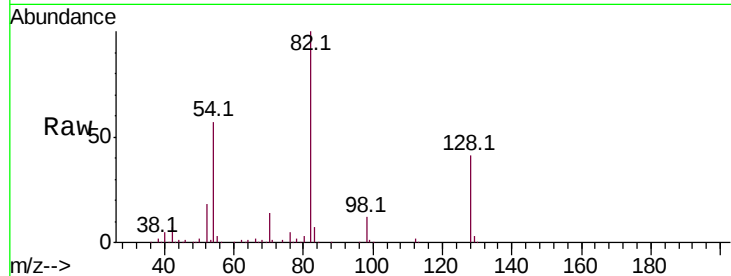




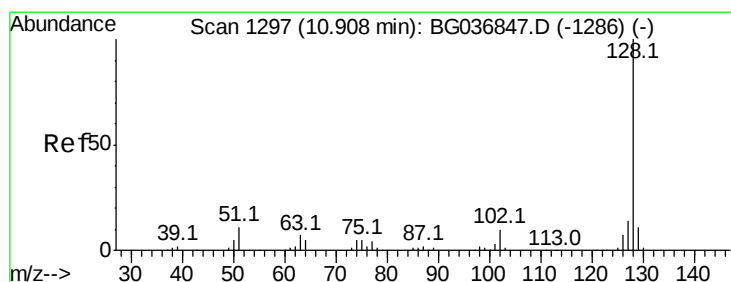
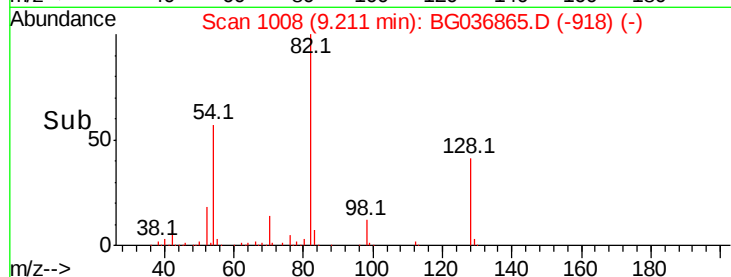
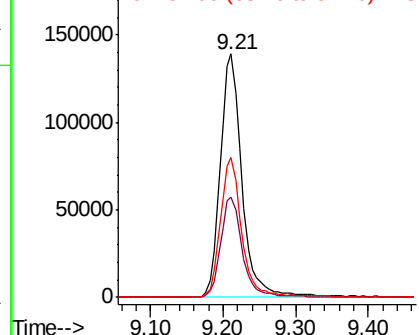
#23
Nitrobenzene-d5
Concen: 88.563 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BG036865.D
Acq: 21 Sep 2018 19:23

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

Tot Ion	82	Resp	289047
Ion Ratio	Lower	Upper	
82	100		
128	41.1	33.3	49.9
54	57.5	45.1	67.7

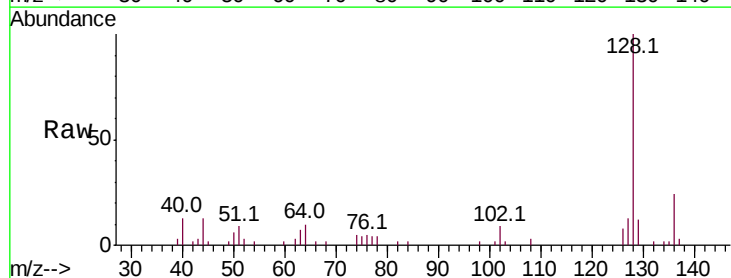


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

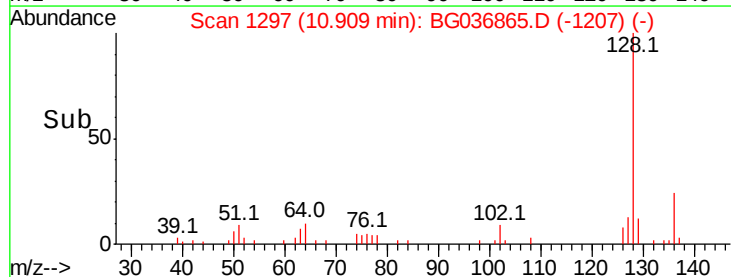
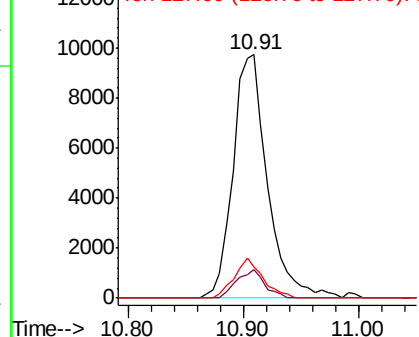


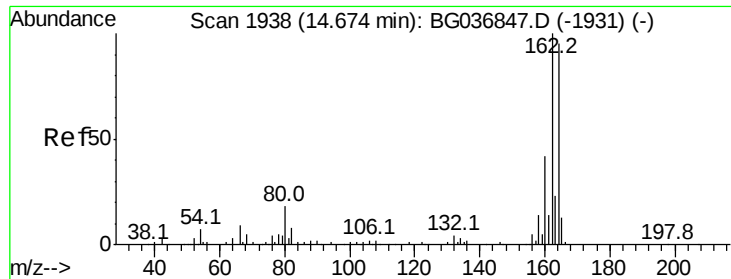
#31
Naphthalene
Concen: 2.417 ng
RT: 10.91 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BG036865.D
Acq: 21 Sep 2018 19:23

Tgt Ion	128	Resp	20098
Ion Ratio	Lower	Upper	
128	100		
129	11.7	9.4	14.2
127	12.6	11.0	16.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC

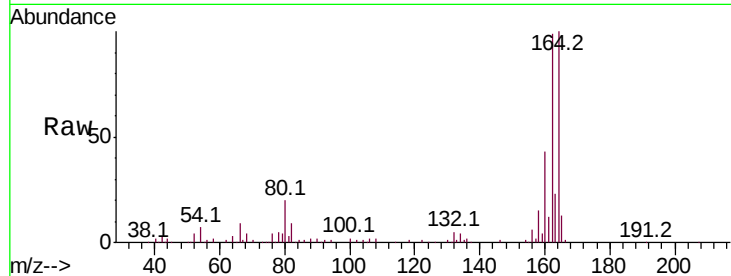




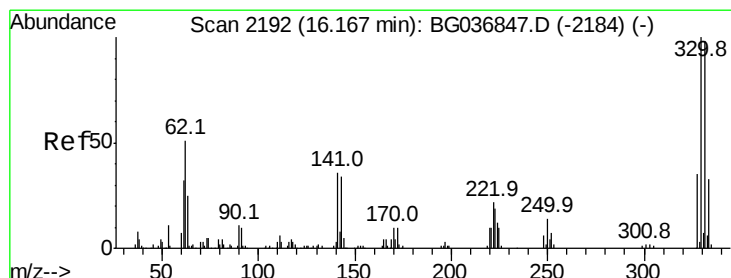
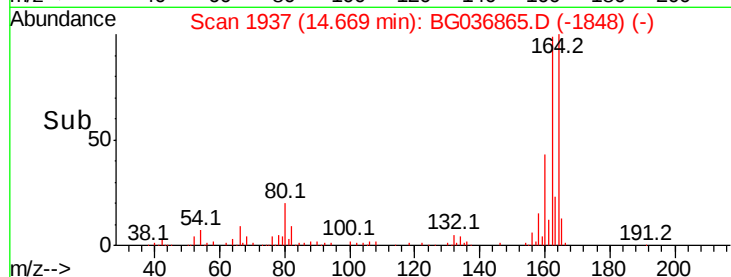
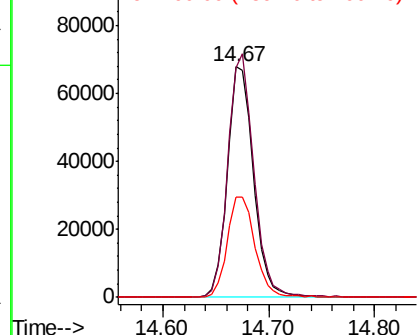
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: BG036865.D
 Acq: 21 Sep 2018 19:23

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

Tot Ion:164 Resp: 116671
 Ion Ratio Lower Upper
 164 100
 162 99.5 80.7 121.1
 160 43.3 35.3 52.9

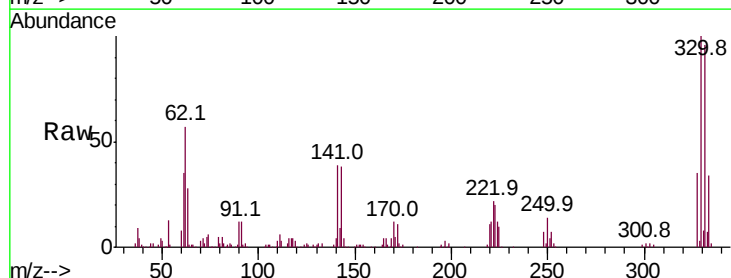


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

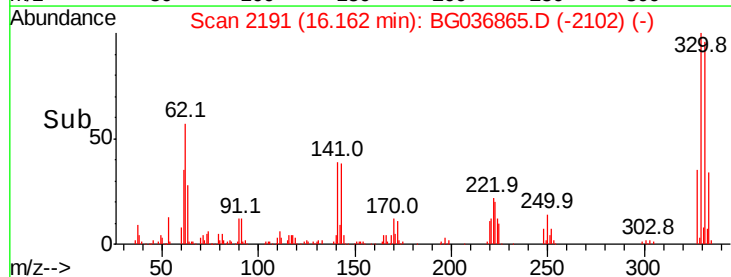
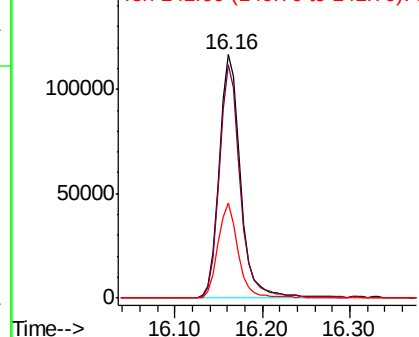


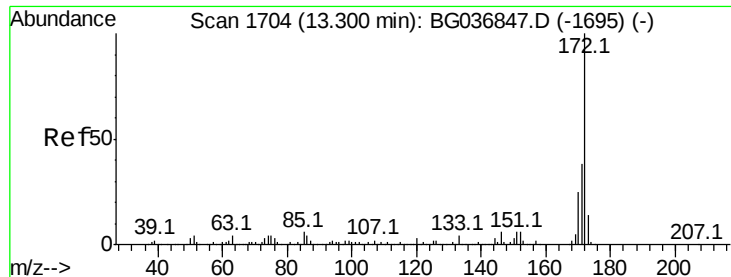
#41
 2,4,6-Tribromophenol
 Concen: 141.895 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036865.D
 Acq: 21 Sep 2018 19:23

Tgt Ion:330 Resp: 198071
 Ion Ratio Lower Upper
 330 100
 332 94.5 75.4 113.2
 141 37.2 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

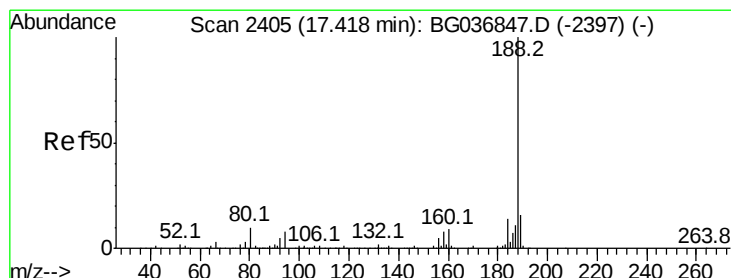
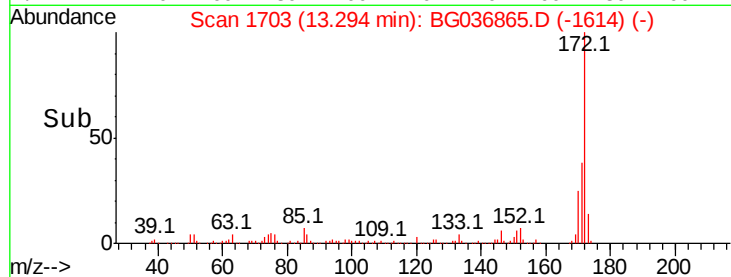
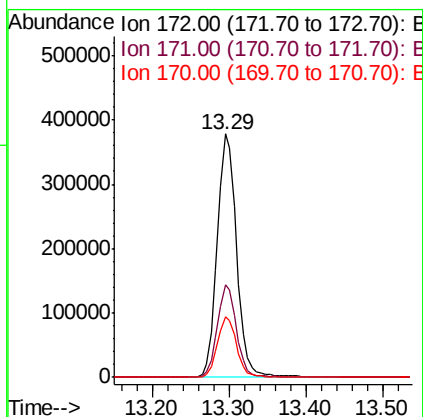
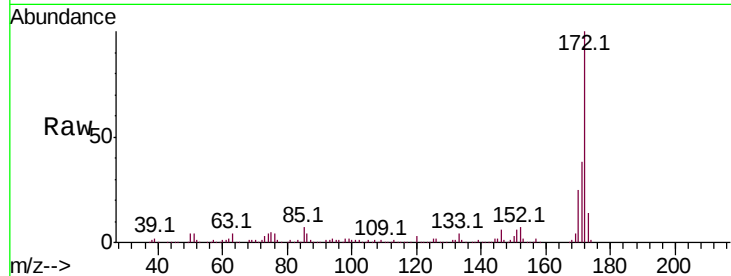




#44
 2-Fluorobiphenyl
 Concen: 83.778 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036865.D
 Acq: 21 Sep 2018 19:23

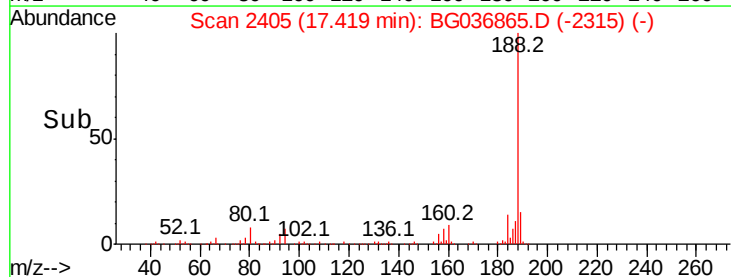
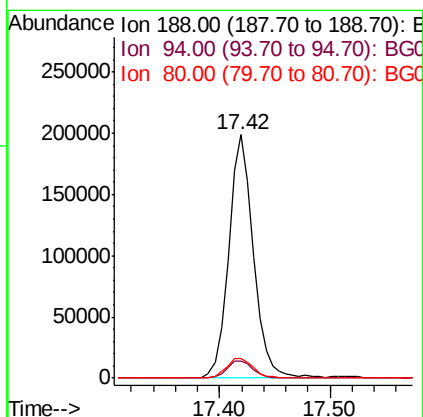
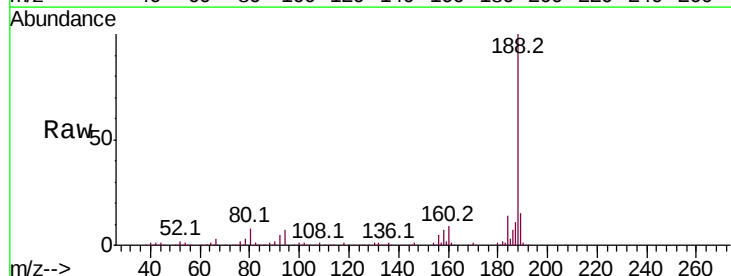
Instrument :
 BNA_G
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 PL-02-0920-18-B

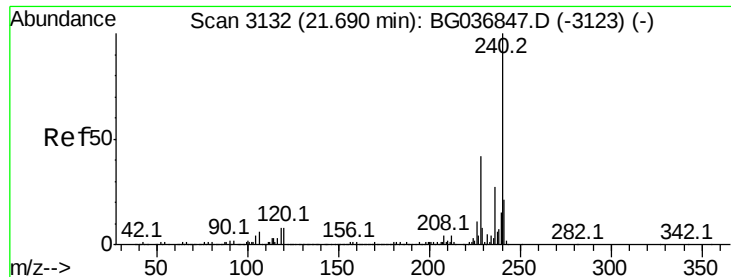
Tot Ion:172 Resp: 656271
 Ion Ratio Lower Upper
 172 100
 171 38.0 31.3 46.9
 170 25.0 21.0 31.6



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. 0.00 min
 Lab File: BG036865.D
 Acq: 21 Sep 2018 19:23

Tgt Ion:188 Resp: 311128
 Ion Ratio Lower Upper
 188 100
 94 7.2 6.7 10.1
 80 8.1 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: BG036865.D

Acq: 21 Sep 2018 19:23

Instrument :

BNA_G

ClientSampleId :

PL-02-0920-18-B

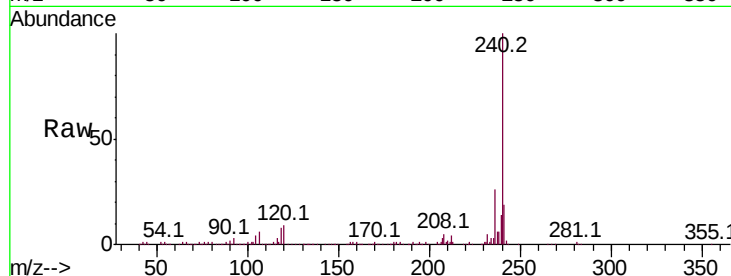
Tot Ion:240 Resp: 342422

Ion Ratio Lower Upper

240 100

120 8.6 6.9 10.3

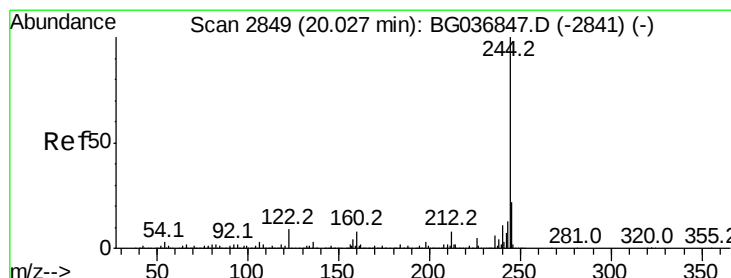
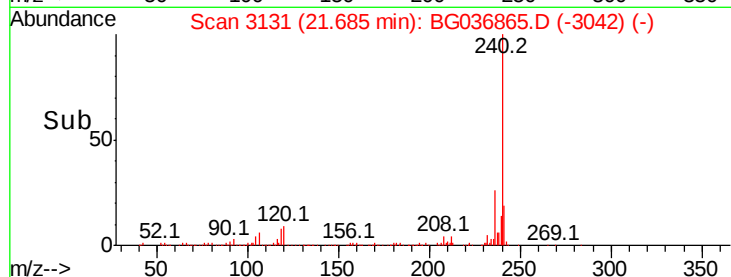
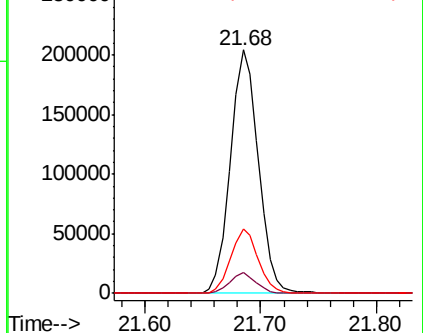
236 26.3 21.2 31.8



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



#78

Terphenyl-d14

Concen: 97.567 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BG036865.D

Acq: 21 Sep 2018 19:23

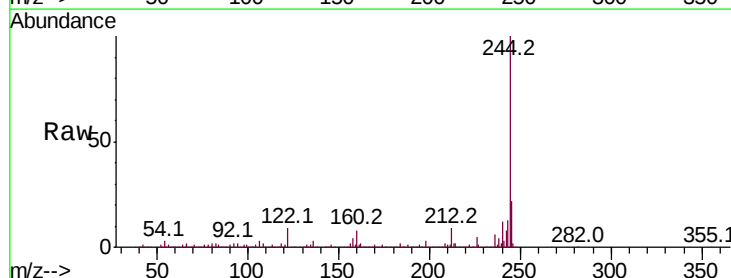
Tgt Ion:244 Resp: 1270559

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

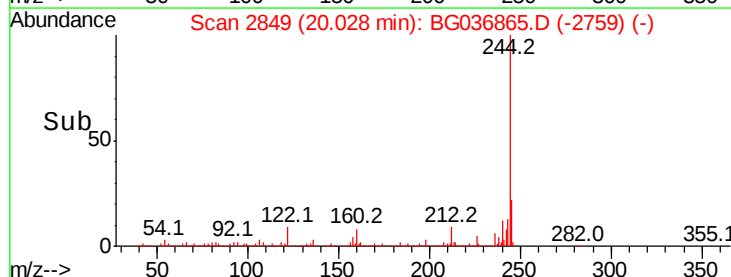
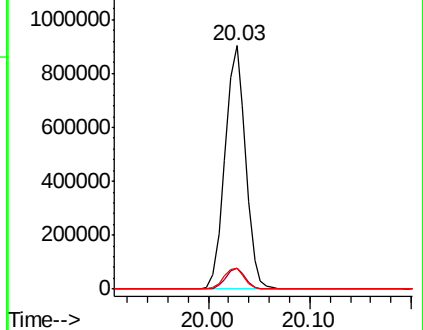
122 8.7 7.1 10.7

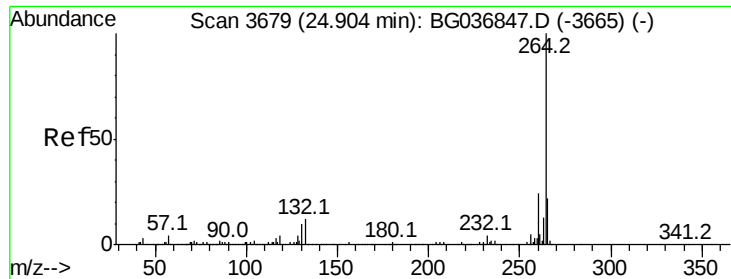


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.01 min
Lab File: BG036865.D
Acq: 21 Sep 2018 19:23

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	22.3	17.4	26.0

