

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
 Data File : BG036968.D
 Acq On : 26 Sep 2018 4:01
 Operator : JU/SJ
 Sample : J4779-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-3A-092418

Quant Time: Sep 26 07:51:04 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	43917	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	176479	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	108313	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	288896	20.00	ng	0.00
75) Chrysene-d12	21.68	240	319041	20.00	ng	0.00
86) Perylene-d12	24.88	264	309889	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	286372	125.05	ng	0.00
7) Phenol-d6	7.20	99	360013	101.61	ng	0.00
23) Nitrobenzene-d5	9.20	82	293949	89.20	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	176685	136.34	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	627373	86.27	ng	0.00
78) Terphenyl-d14	20.02	244	1154876	95.18	ng	0.00

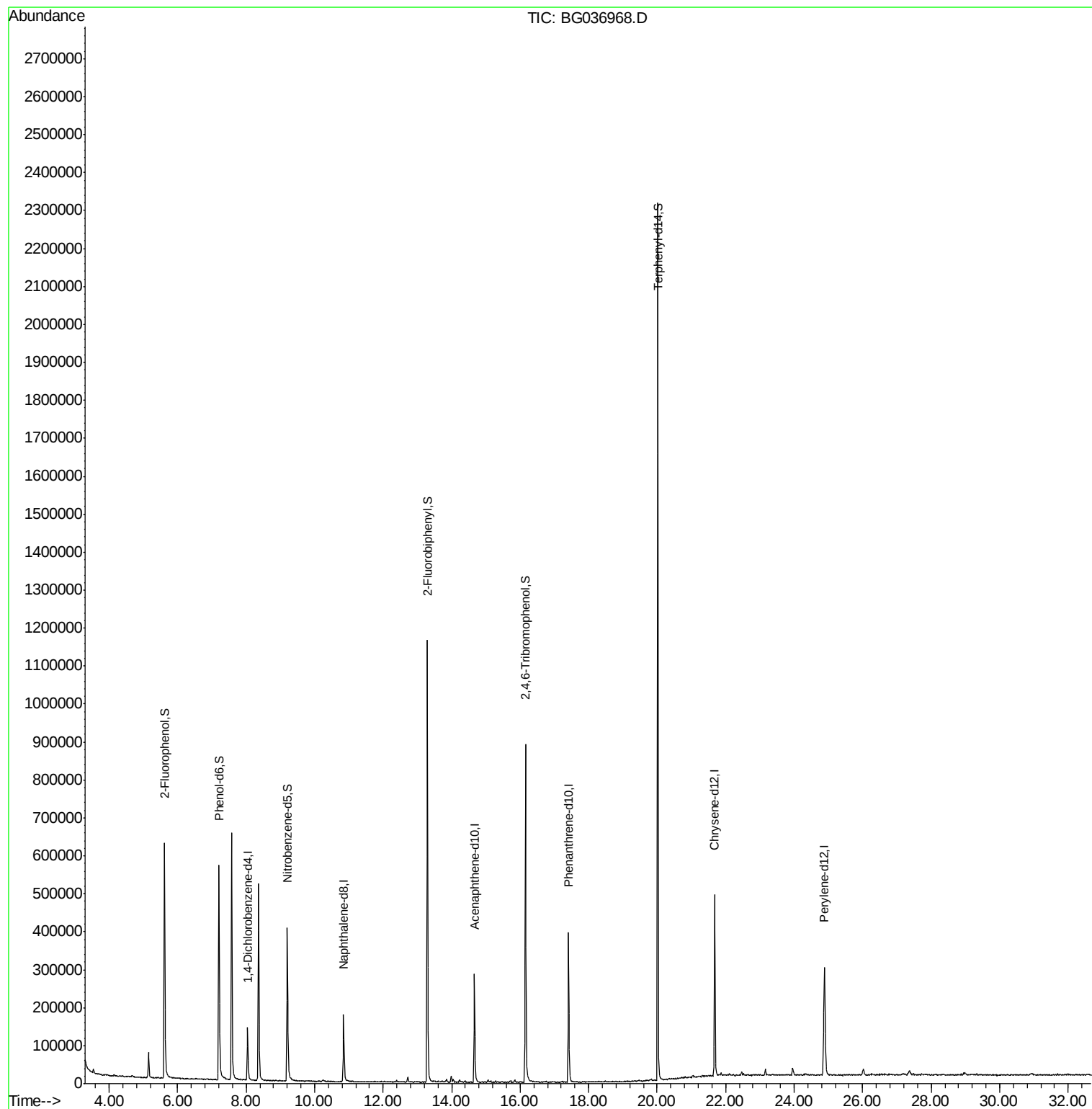
Target Compounds Qvalue

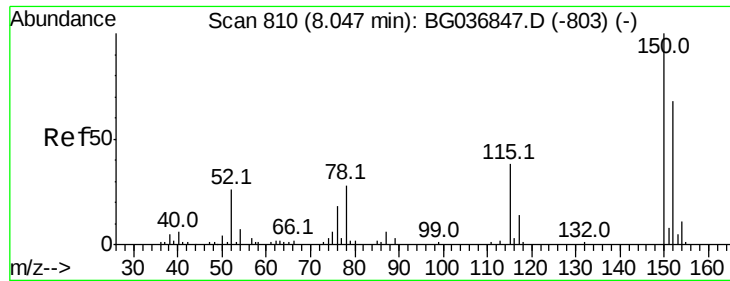
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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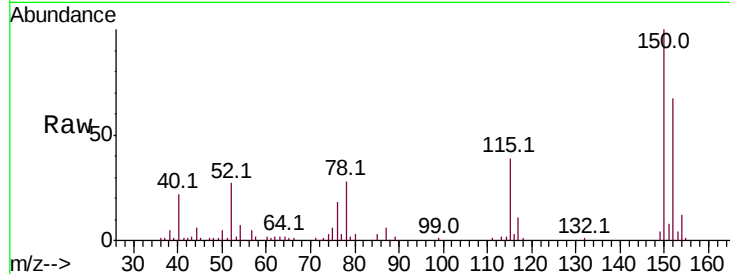


#1

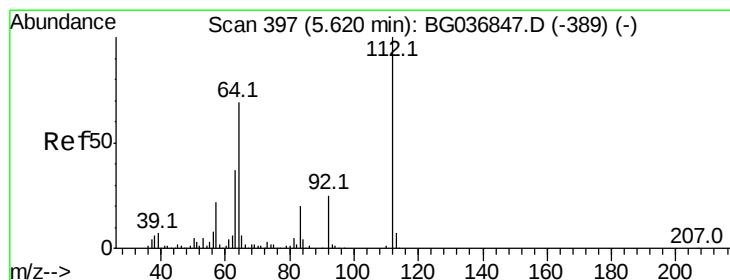
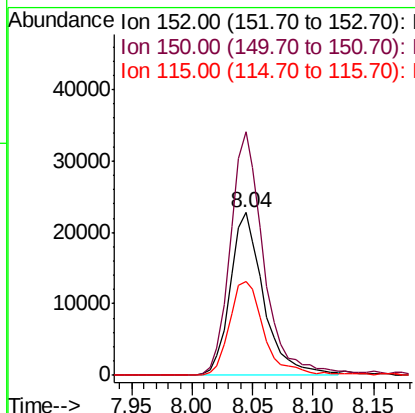
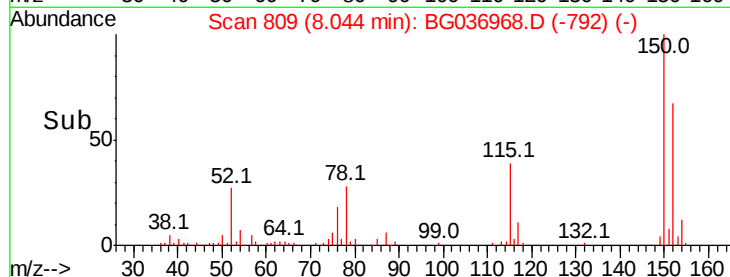
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG036968.D
Acq: 26 Sep 2018 4:01

Instrument :
BNA_G
ClientSampleId :
SU-3A-092418

Tot Ion:152 Resp: 43917
Ion Ratio Lower Upper
152 100
150 149.5 119.5 179.3
115 57.6 44.5 66.7



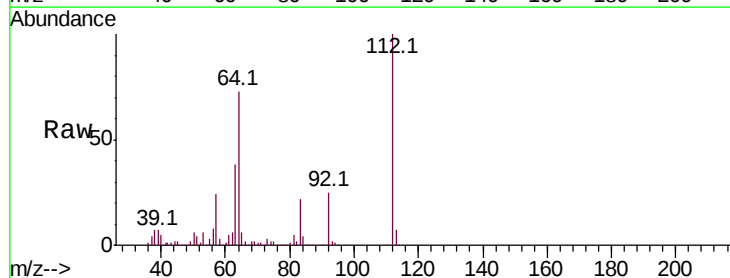
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



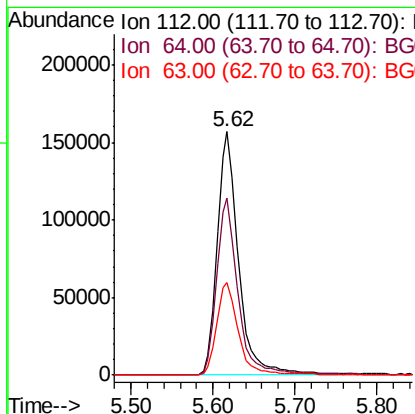
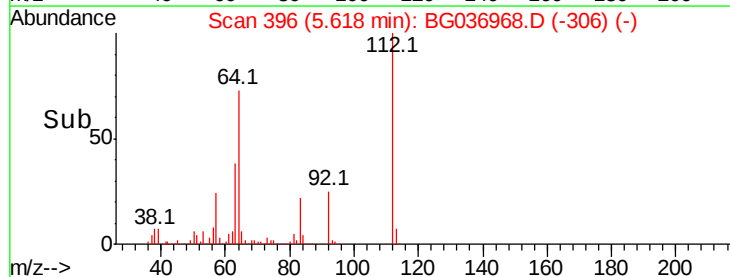
#5

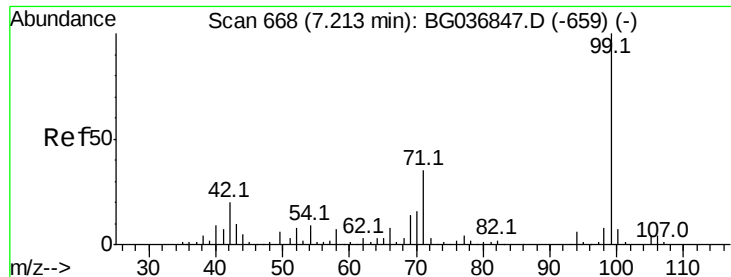
2-Fluorophenol
Concen: 125.054 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG036968.D
Acq: 26 Sep 2018 4:01

Tgt Ion:112 Resp: 286372
Ion Ratio Lower Upper
112 100
64 72.6 57.2 85.8
63 38.3 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: 101.612 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036968.D

Acq: 26 Sep 2018 4:01

Instrument :

BNA_G

ClientSampleId :

SU-3A-092418

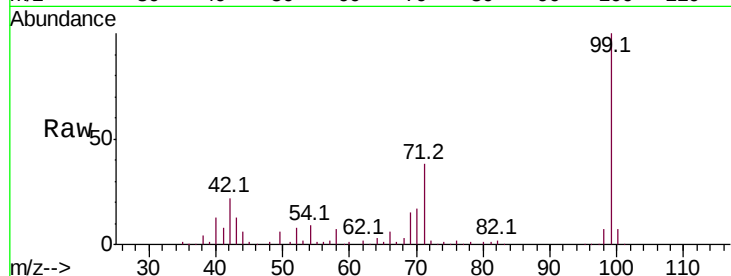
Tot Ion: 99 Resp: 360013

Ion Ratio Lower Upper

99 100

42 22.1 16.5 24.7

71 37.6 29.4 44.2

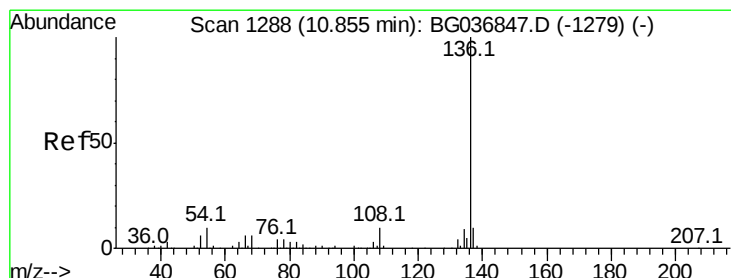
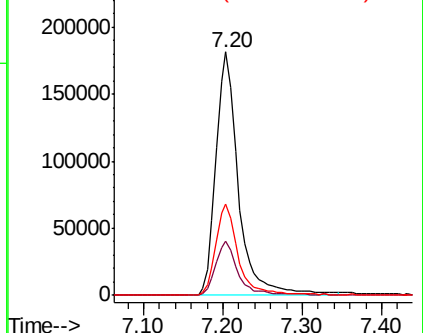
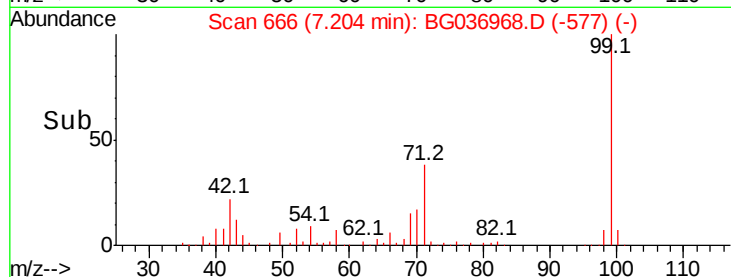


Abundance

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# 1286

Delta R.T. -0.01 min

Lab File: BG036968.D

Acq: 26 Sep 2018 4:01

Tgt Ion: 136 Resp: 176479

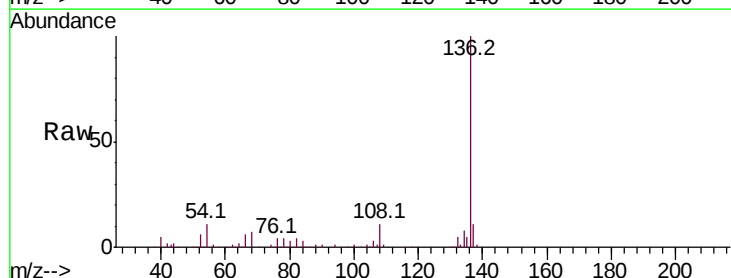
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 11.1 9.2 13.8

68 6.9 5.8 8.6



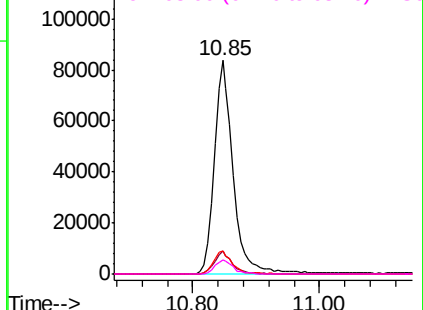
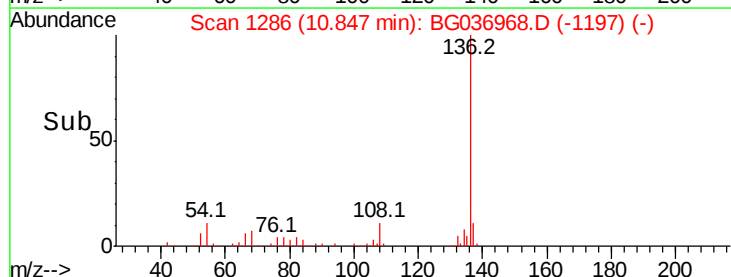
Abundance

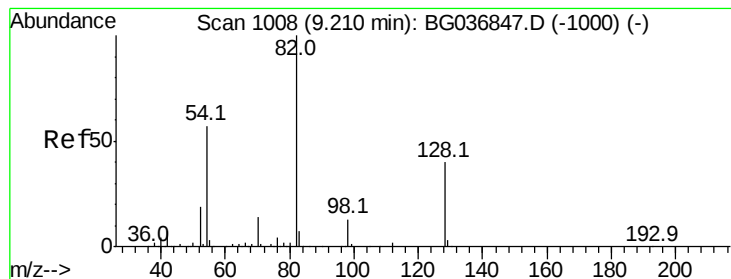
Ion 136.00 (135.70 to 136.70): BGC

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: 89.196 ng

RT: 9.20 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BG036968.D

Acq: 26 Sep 2018 4:01

Instrument :

BNA_G

ClientSampleId :

SU-3A-092418

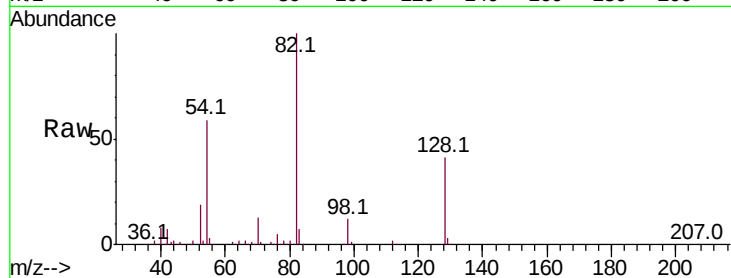
Tot Ion: 82 Resp: 293949

Ion Ratio Lower Upper

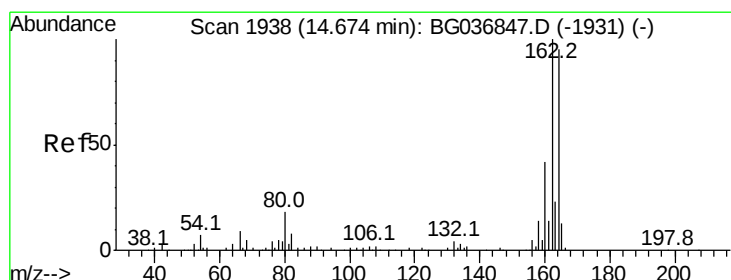
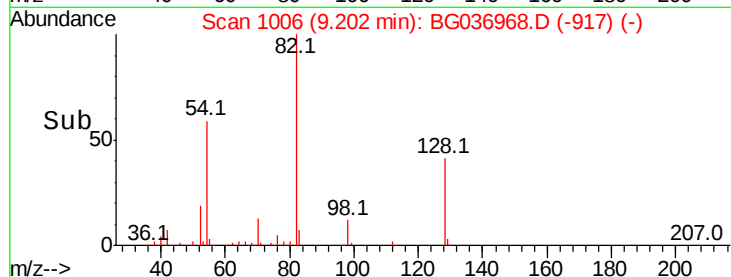
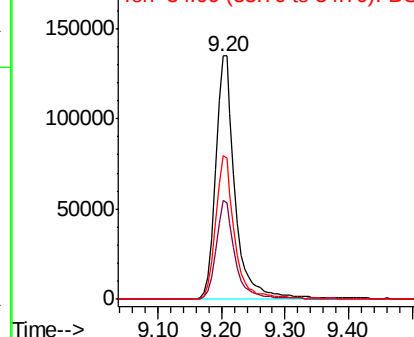
82 100

128 40.8 33.3 49.9

54 58.9 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# 1936

Delta R.T. -0.01 min

Lab File: BG036968.D

Acq: 26 Sep 2018 4:01

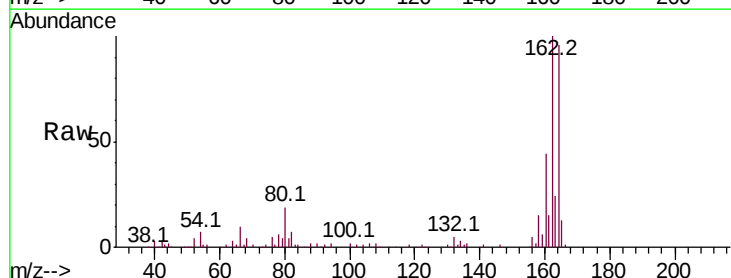
Tgt Ion:164 Resp: 108313

Ion Ratio Lower Upper

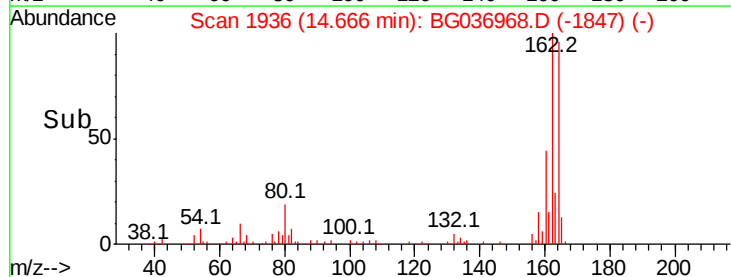
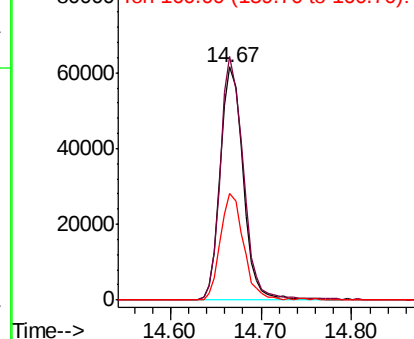
164 100

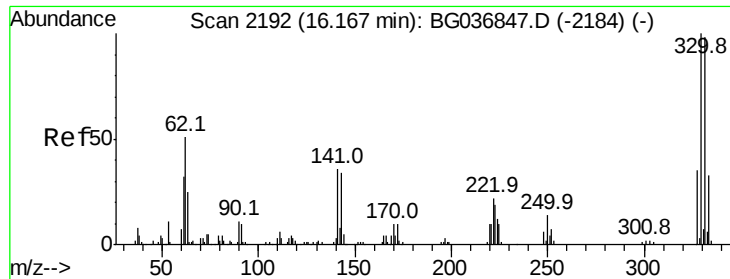
162 104.6 80.7 121.1

160 46.0 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

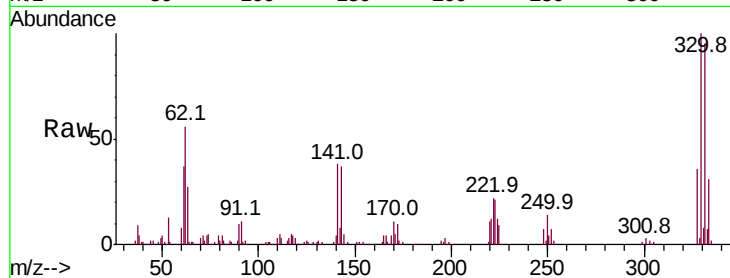




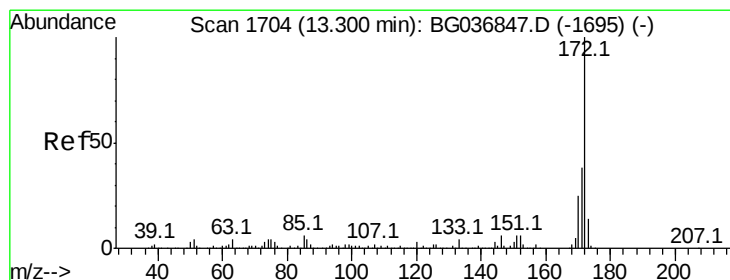
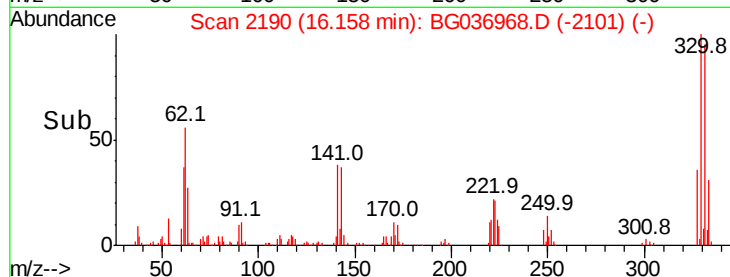
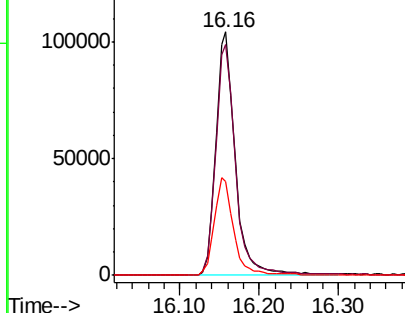
#41
 2,4,6-Tribromophenol
 Concen: 136.342 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036968.D
 Acq: 26 Sep 2018 4:01

Instrument :
 BNA_G
 ClientSampleId :
 SU-3A-092418

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.4	113.2
141	40.4	30.7	46.1

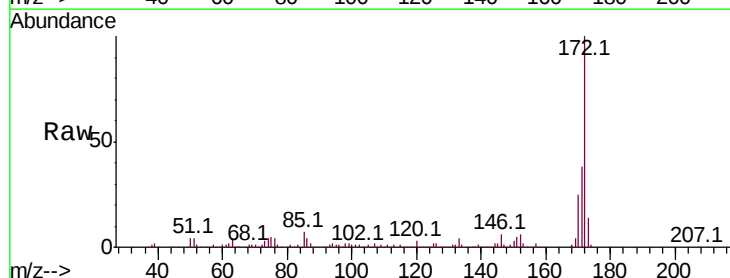


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

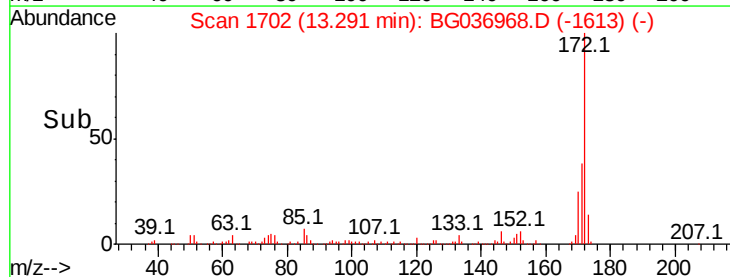
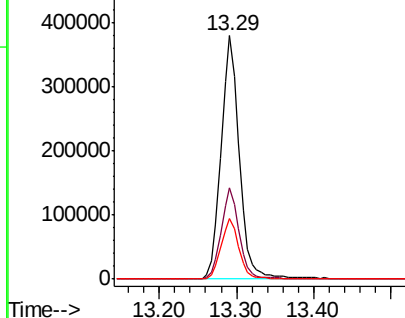


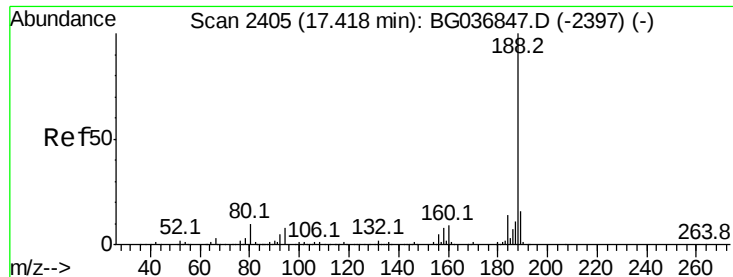
#44
 2-Fluorobiphenyl
 Concen: 86.269 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG036968.D
 Acq: 26 Sep 2018 4:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.3	46.9
170	24.8	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

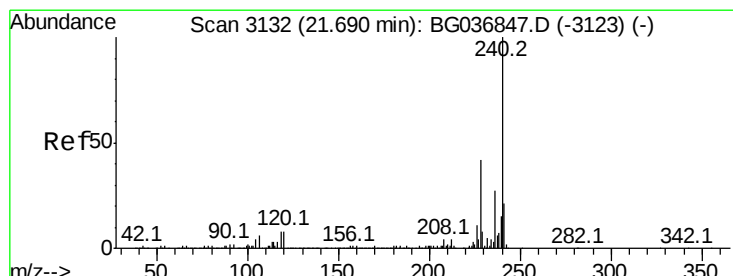
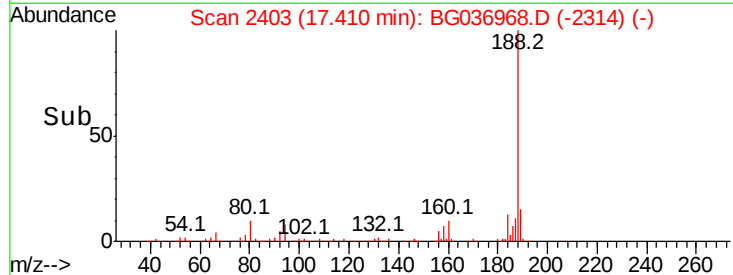
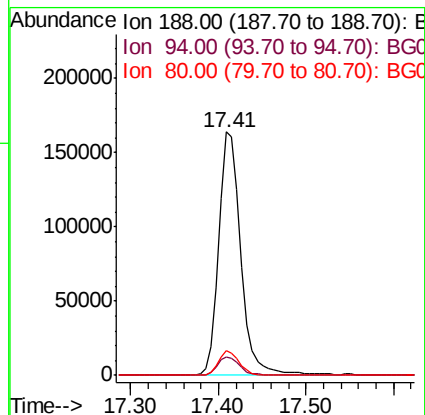
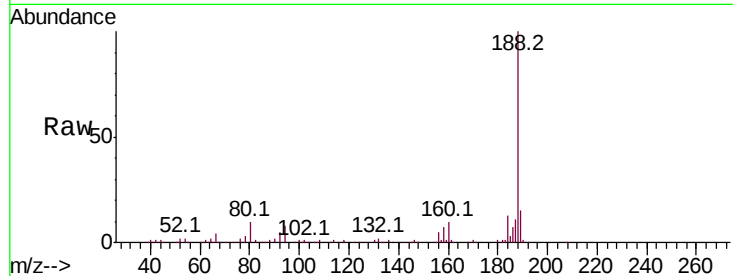




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG036968.D
Acq: 26 Sep 2018 4:01

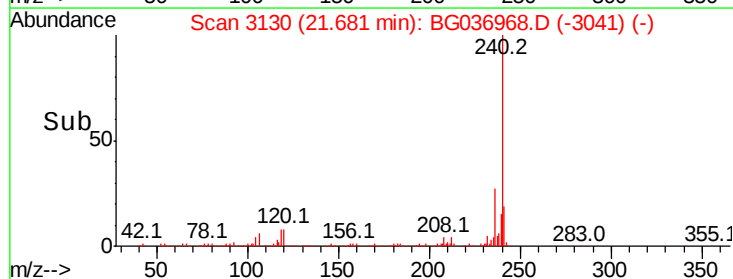
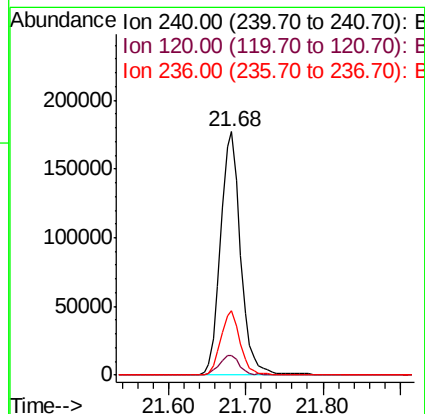
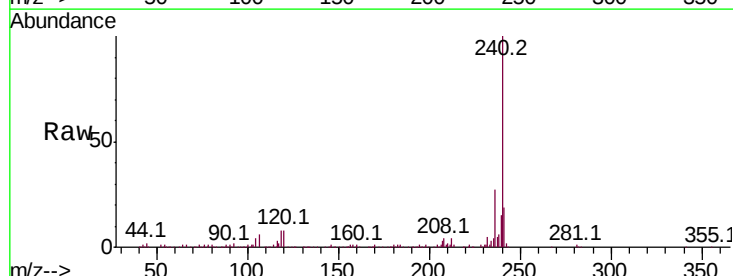
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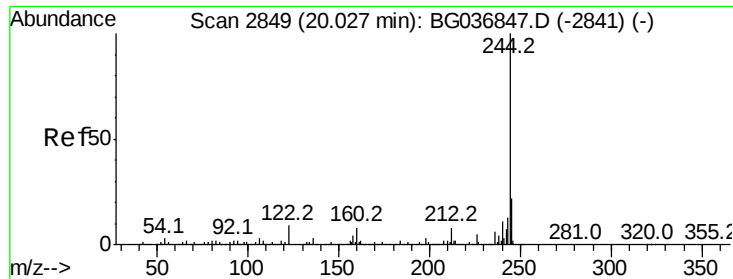
Tot Ion:188 Resp: 288896
Ion Ratio Lower Upper
188 100
94 7.6 6.7 10.1
80 10.1 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036968.D
Acq: 26 Sep 2018 4:01

Tgt Ion:240 Resp: 319041
Ion Ratio Lower Upper
240 100
120 8.0 6.9 10.3
236 26.5 21.2 31.8



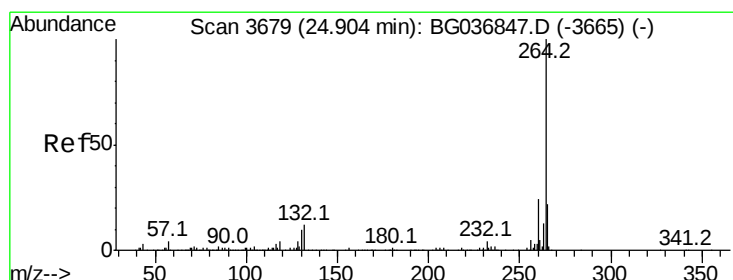
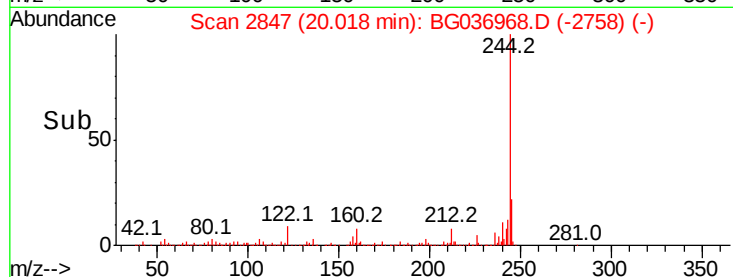
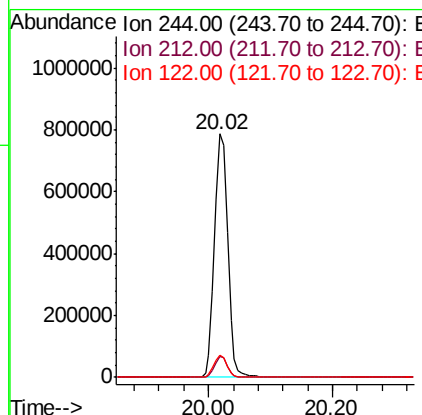
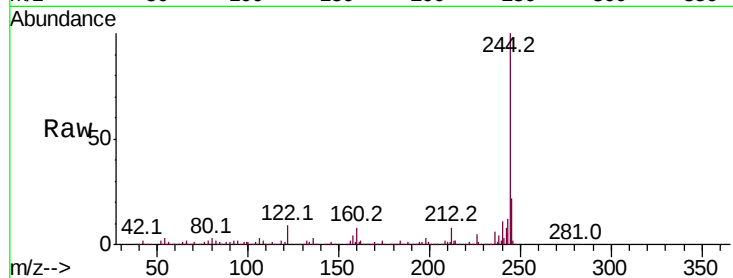


#78
 Terphenyl-d14
 Concen: 95.183 ng
 RT: 20.02 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BG036968.D
 Acq: 26 Sep 2018 4:01

Instrument :
 BNA_G
 ClientSampleId :
 SU-3A-092418

Tot Ion:244 Resp: 1154876

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.6
122	9.2	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3675
 Delta R.T. -0.02 min
 Lab File: BG036968.D
 Acq: 26 Sep 2018 4:01

Tgt Ion:264 Resp: 309889

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	21.7	17.4	26.0

