

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
 Data File : BG036868.D
 Acq On : 21 Sep 2018 21:20
 Operator : JU/SJ
 Sample : J4777-20
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-03-092018-A

Quant Time: Sep 22 05:03:46 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	34735	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	145422	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	101422	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	292885	20.00	ng	0.00
75) Chrysene-d12	21.69	240	320953	20.00	ng	0.00
86) Perylene-d12	24.90	264	260601	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	230451	127.24	ng	0.00
7) Phenol-d6	7.21	99	302958	108.11	ng	0.00
23) Nitrobenzene-d5	9.21	82	242842	89.43	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	185125	152.56	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	567549	83.35	ng	0.00
78) Terphenyl-d14	20.02	244	1248173	102.26	ng	0.00

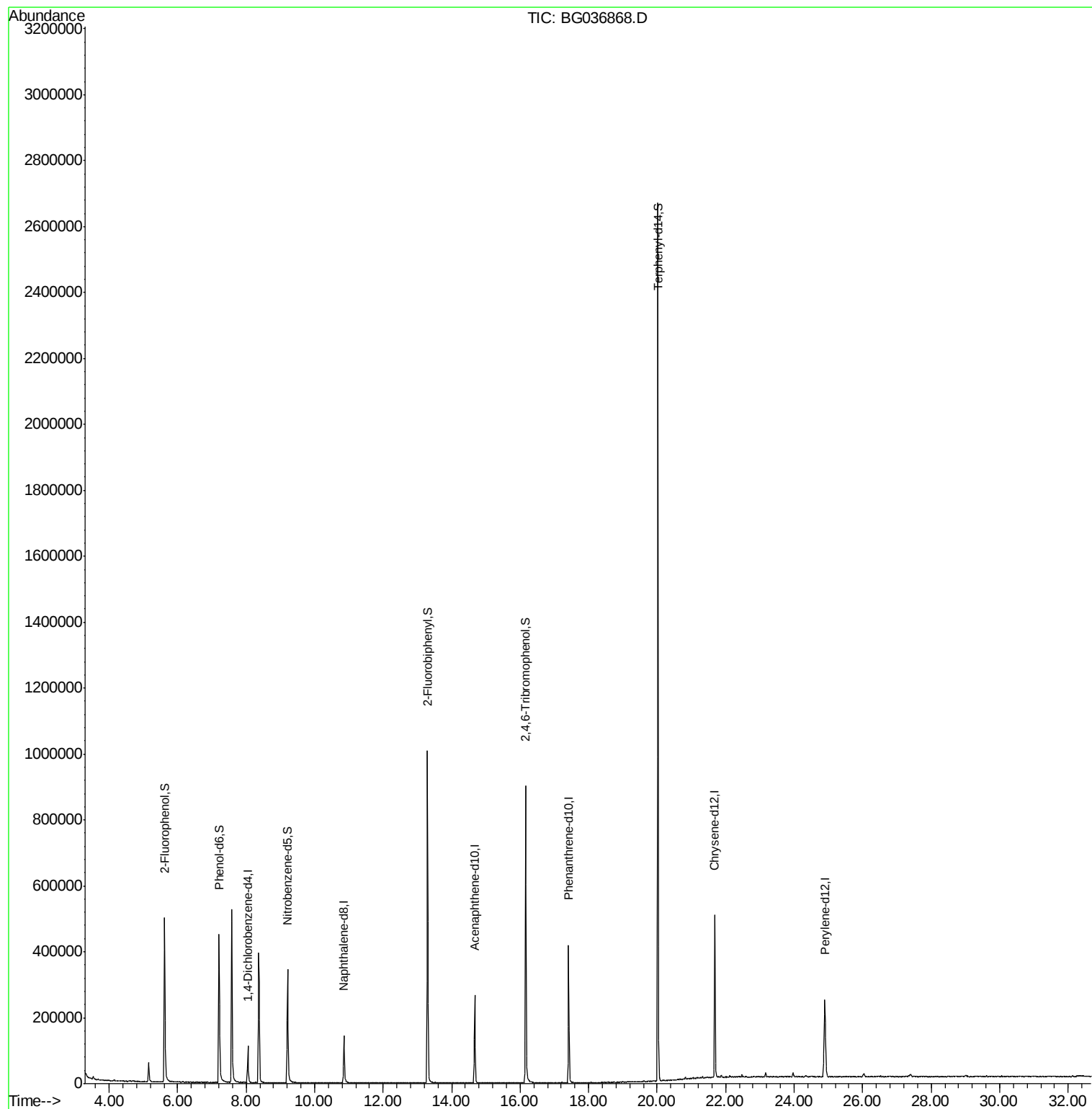
Target Compounds Qvalue

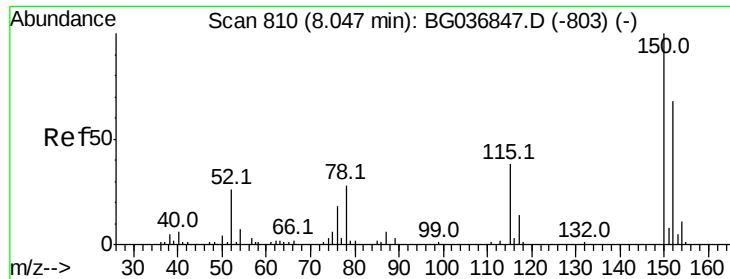
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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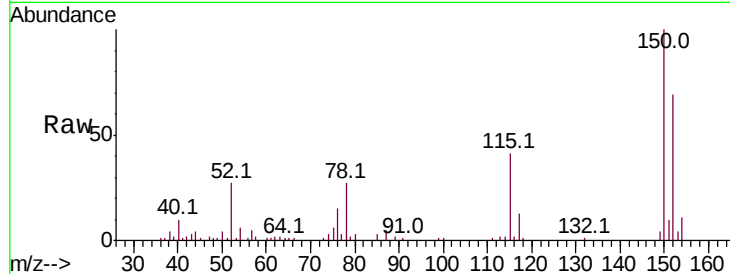


#1

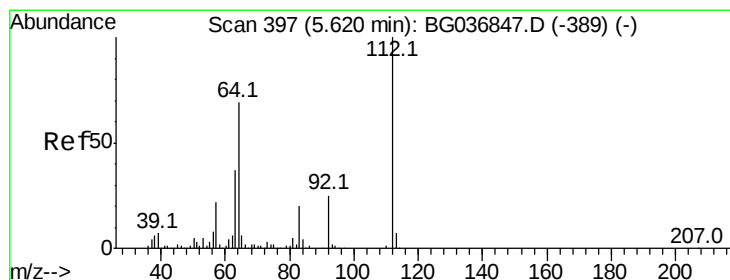
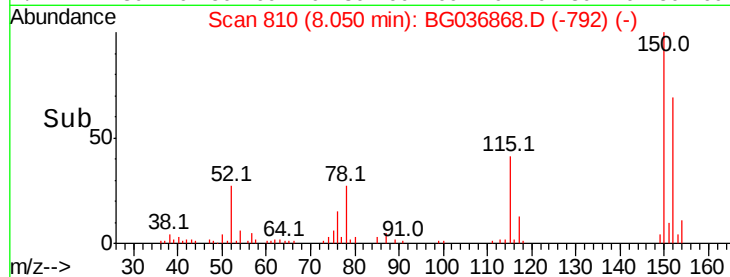
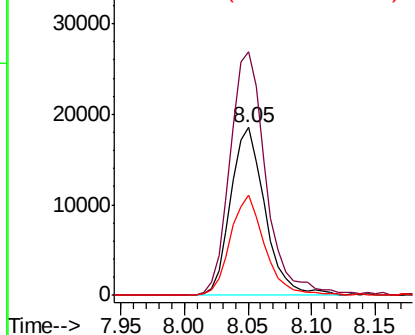
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG036868.D
Acq: 21 Sep 2018 21:20

Instrument :
BNA_G
ClientSampleId :
PL-03-092018-A

Tot Ion:152 Resp: 34735
Ion Ratio Lower Upper
152 100
150 145.1 119.5 179.3
115 60.0 44.5 66.7



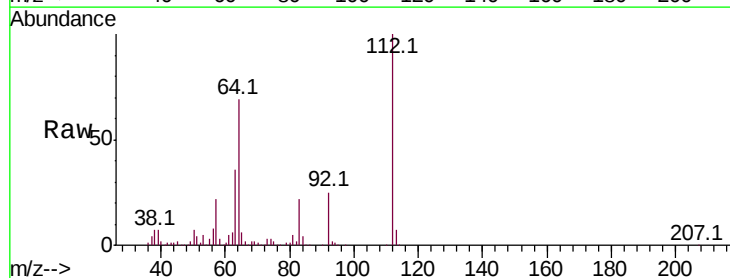
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



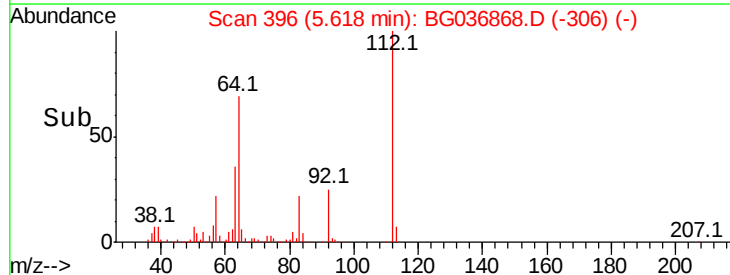
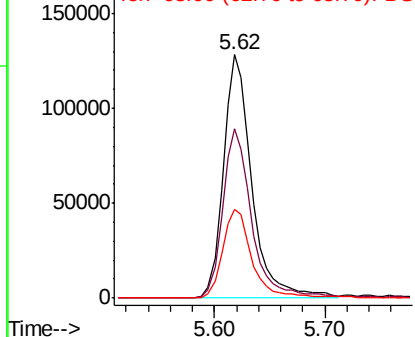
#5

2-Fluorophenol
Concen: 127.236 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG036868.D
Acq: 21 Sep 2018 21:20

Tgt Ion:112 Resp: 230451
Ion Ratio Lower Upper
112 100
64 69.4 57.2 85.8
63 36.3 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: 108.113 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG036868.D

Acq: 21 Sep 2018 21:20

Instrument :

BNA_G

ClientSampleId :

PL-03-092018-A

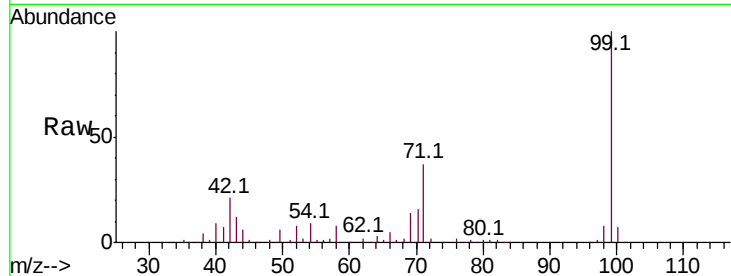
Tot Ion: 99 Resp: 302958

Ion Ratio Lower Upper

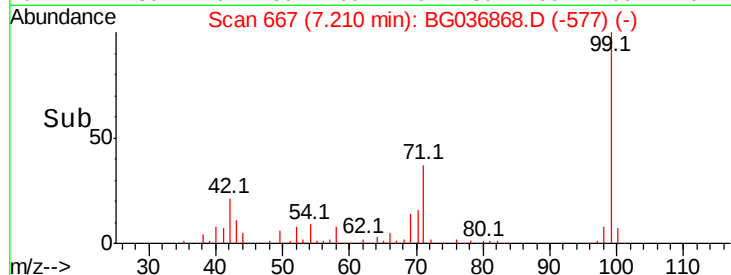
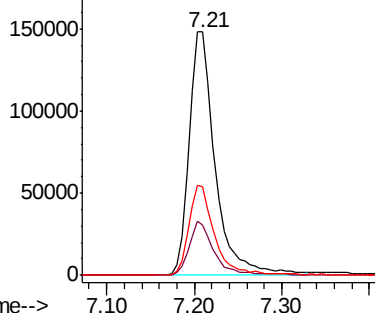
99 100

42 20.9 16.5 24.7

71 36.7 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# 1287

Delta R.T. -0.00 min

Lab File: BG036868.D

Acq: 21 Sep 2018 21:20

Tgt Ion: 136 Resp: 145422

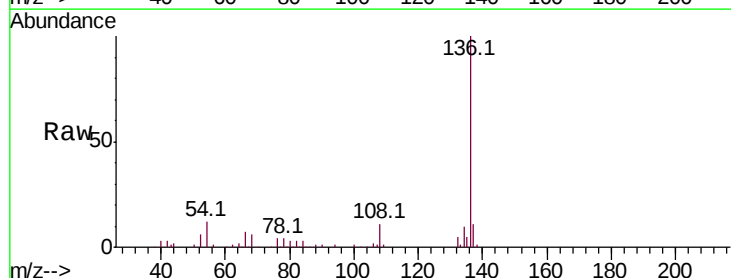
Ion Ratio Lower Upper

136 100

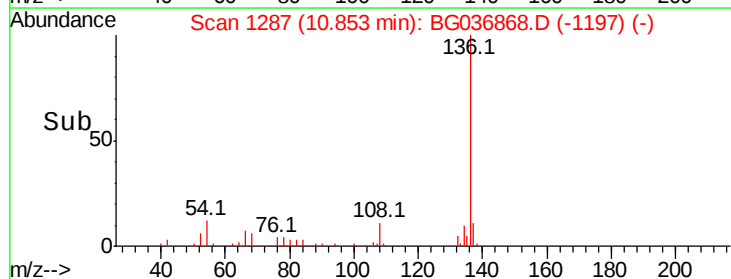
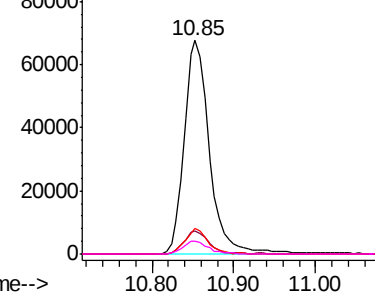
137 10.6 8.8 13.2

54 12.3 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

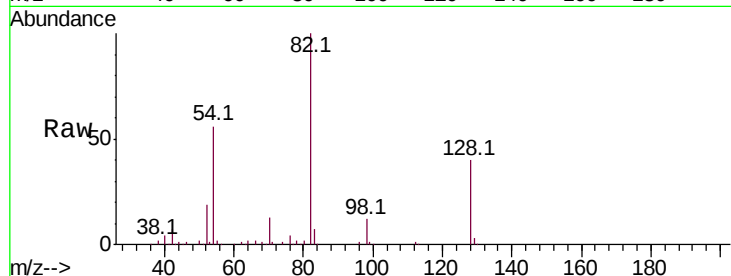




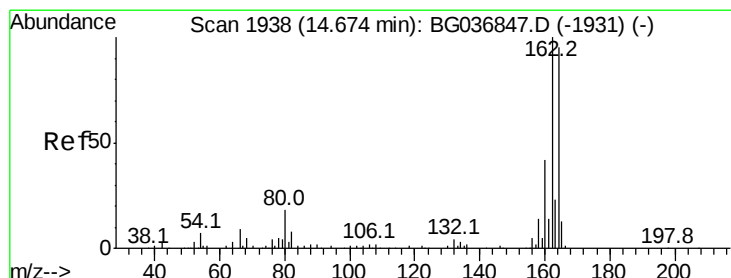
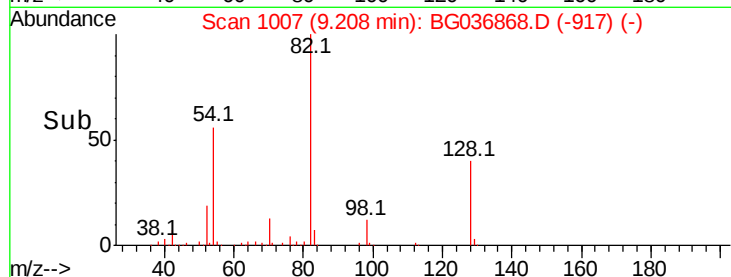
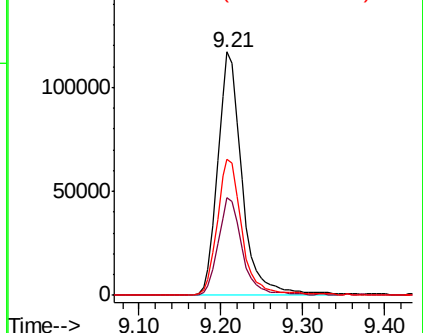
#23
Nitrobenzene-d5
Concen: 89.426 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG036868.D
Acq: 21 Sep 2018 21:20

Instrument :
BNA_G
ClientSampleId :
PL-03-092018-A

Tot Ion: 82 Resp: 242842
Ion Ratio Lower Upper
82 100
128 40.1 33.3 49.9
54 55.9 45.1 67.7

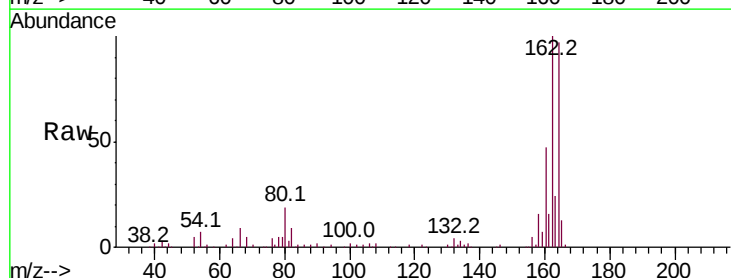


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

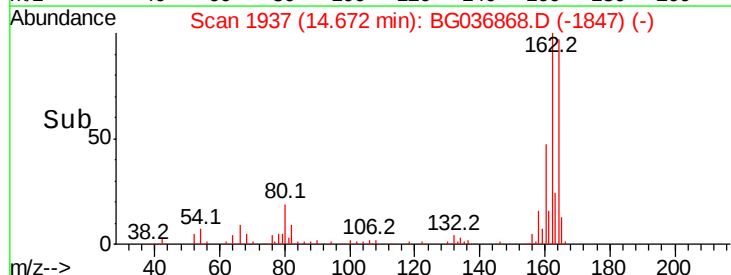
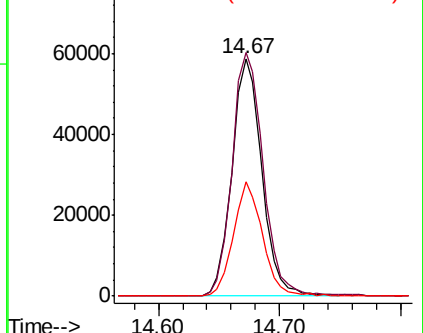


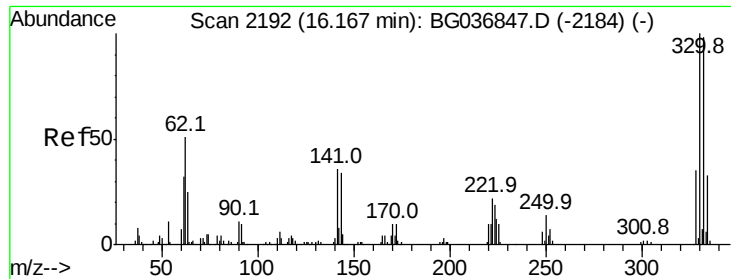
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BG036868.D
Acq: 21 Sep 2018 21:20

Tgt Ion:164 Resp: 101422
Ion Ratio Lower Upper
164 100
162 102.6 80.7 121.1
160 48.1 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

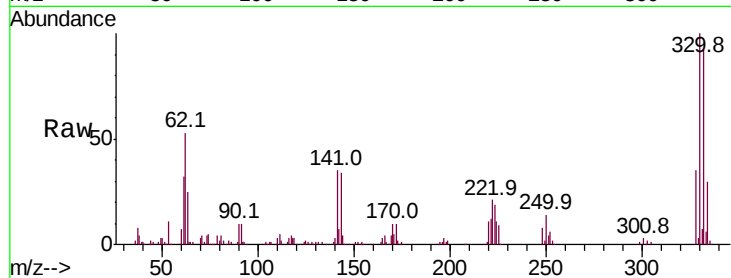




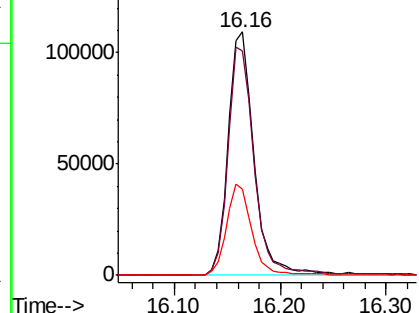
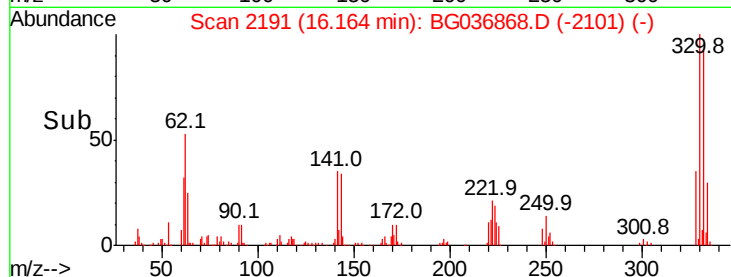
#41
 2,4,6-Tribromophenol
 Concen: 152.561 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.00 min
 Lab File: BG036868.D
 Acq: 21 Sep 2018 21:20

Instrument :
 BNA_G
 ClientSampleId :
 PL-03-092018-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	75.4	113.2
141	37.2	30.7	46.1

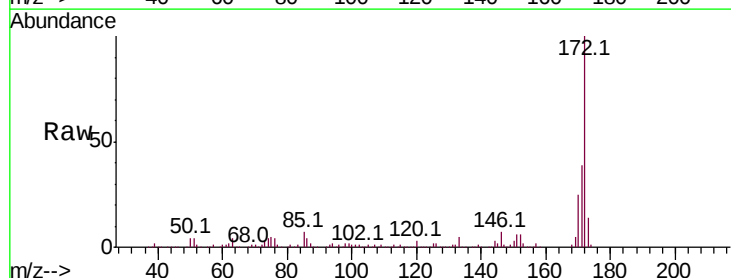


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

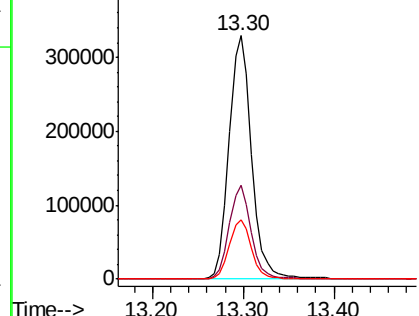
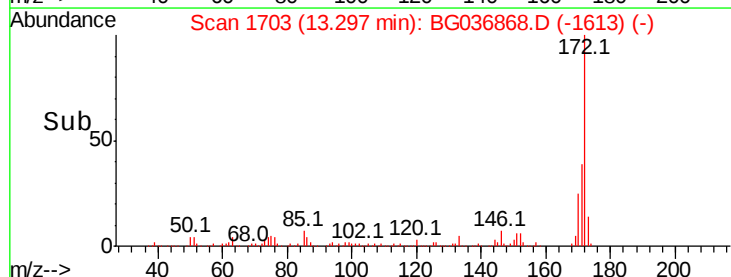


#44
 2-Fluorobiphenyl
 Concen: 83.345 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG036868.D
 Acq: 21 Sep 2018 21:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.3	46.9
170	24.6	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

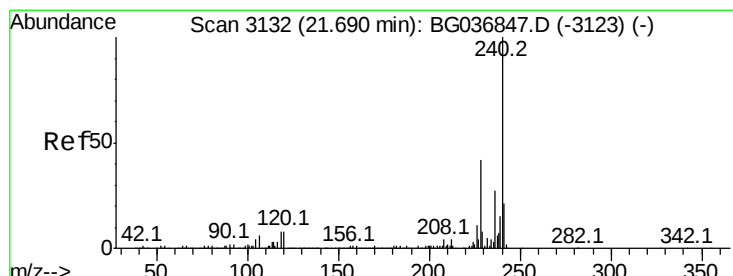
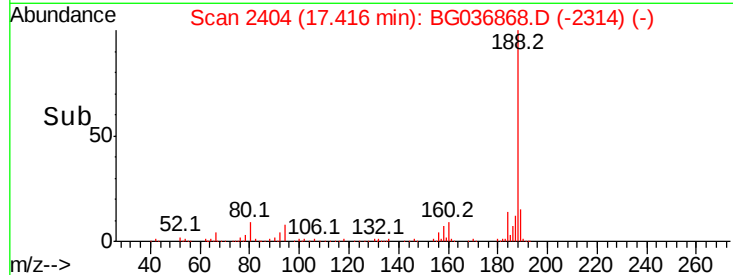
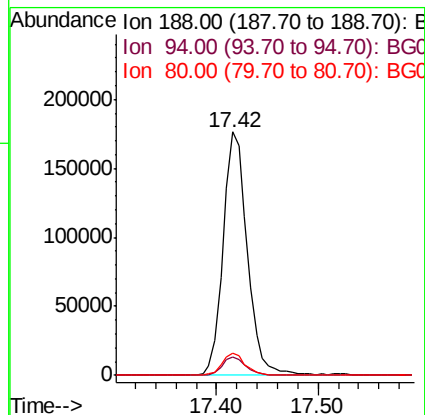
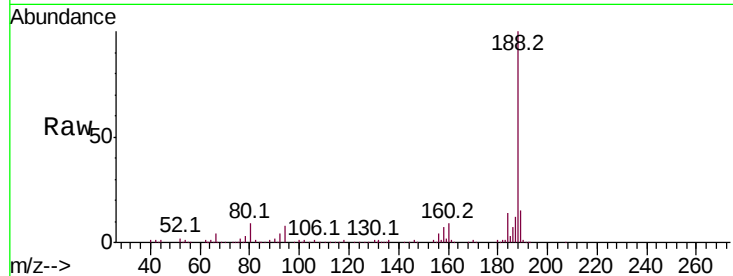




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2404
Delta R.T. -0.00 min
Lab File: BG036868.D
Acq: 21 Sep 2018 21:20

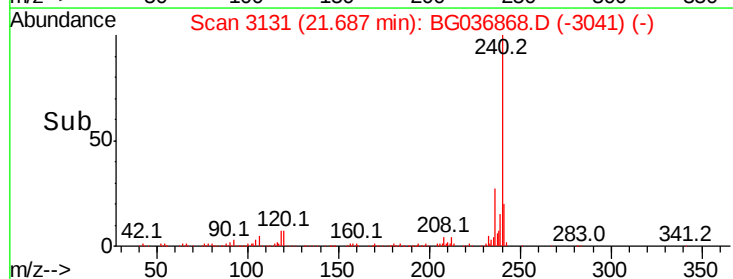
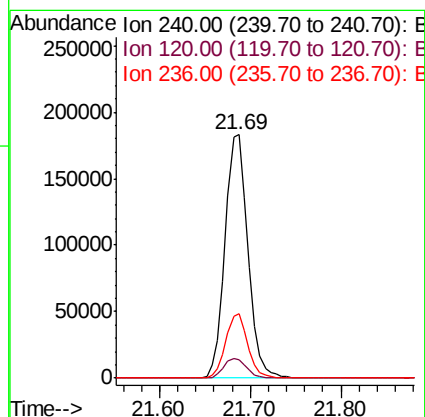
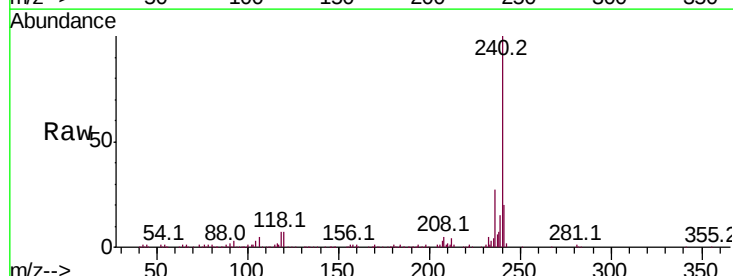
Instrument :
BNA_G
ClientSampleId :
PL-03-092018-A

Tot Ion:188 Resp: 292885
Ion Ratio Lower Upper
188 100
94 7.6 6.7 10.1
80 8.9 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BG036868.D
Acq: 21 Sep 2018 21:20

Tgt Ion:240 Resp: 320953
Ion Ratio Lower Upper
240 100
120 7.4 6.9 10.3
236 26.6 21.2 31.8



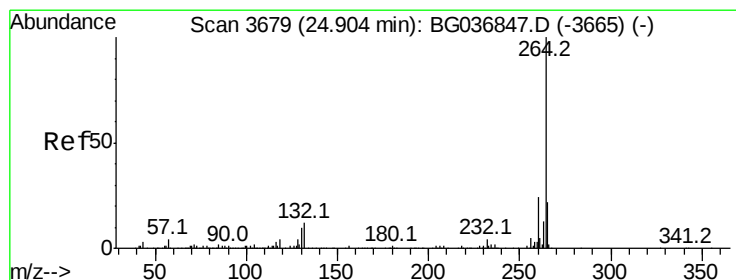
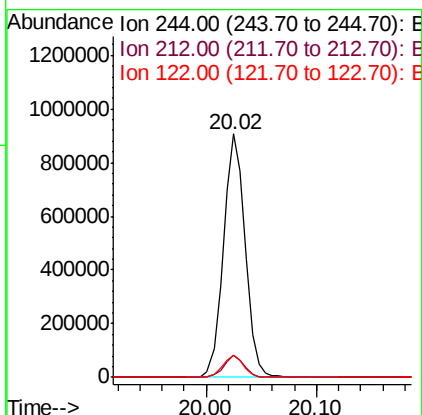
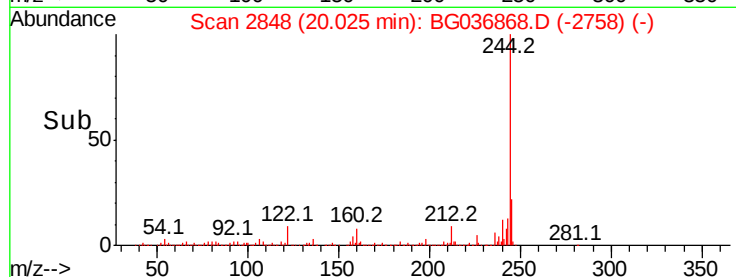
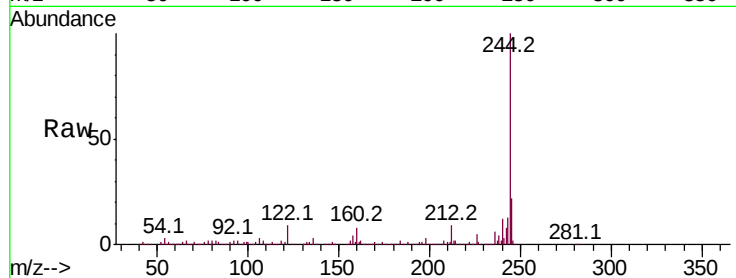


#78
 Terphenyl-d14
 Concen: 102.260 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.00 min
 Lab File: BG036868.D
 Acq: 21 Sep 2018 21:20

Instrument :
 BNA_G
 ClientSampleId :
 PL-03-092018-A

Tot Ion:244 Resp: 1248173

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	8.9	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3677
 Delta R.T. -0.01 min
 Lab File: BG036868.D
 Acq: 21 Sep 2018 21:20

Tgt Ion:264 Resp: 260601

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	22.6	17.4	26.0

