

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
 Data File : BG036994.D
 Acq On : 26 Sep 2018 23:04
 Operator : JU/SJ
 Sample : PB113238TB
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113238TB

Quant Time: Sep 27 08:43:20 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	43180	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	175204	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	114986	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	293634	20.00	ng	0.00
75) Chrysene-d12	21.68	240	321355	20.00	ng	0.00
86) Perylene-d12	24.88	264	307281	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	337245	149.78	ng	0.00
7) Phenol-d6	7.20	99	468192	134.40	ng	0.00
23) Nitrobenzene-d5	9.20	82	308928	94.42	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	172074	125.08	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	698888	90.53	ng	0.00
78) Terphenyl-d14	20.02	244	1212497	99.21	ng	0.00

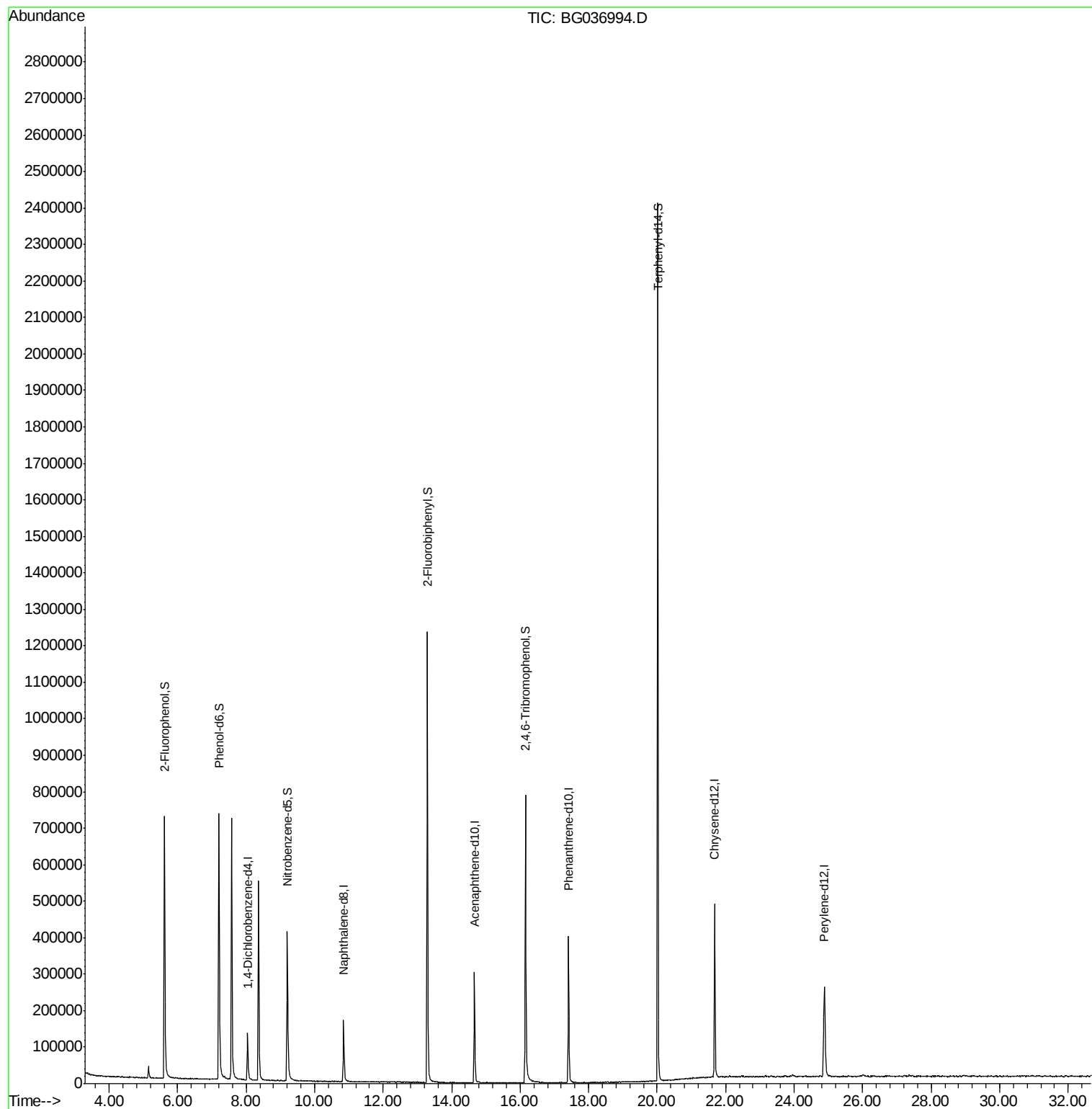
Target Compounds Qvalue

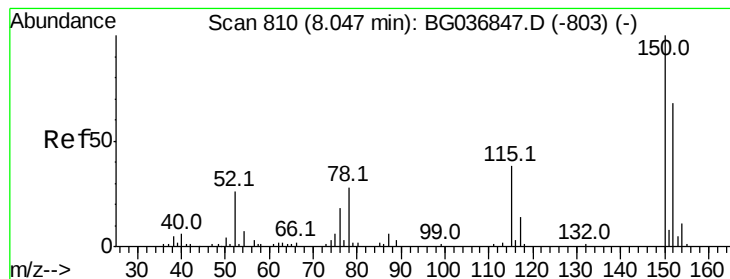
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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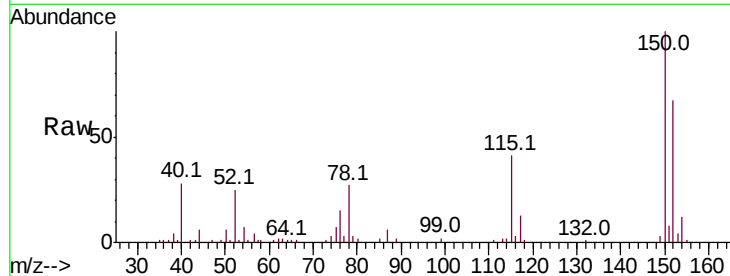


#1

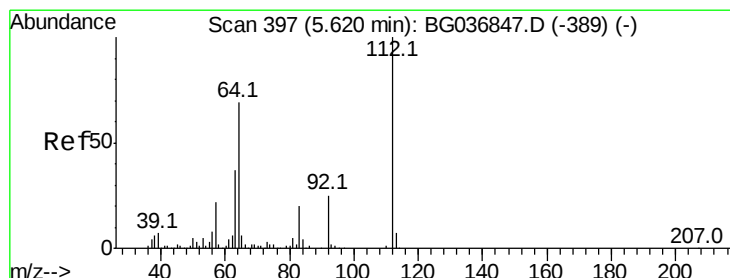
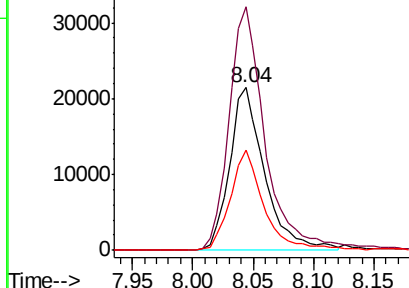
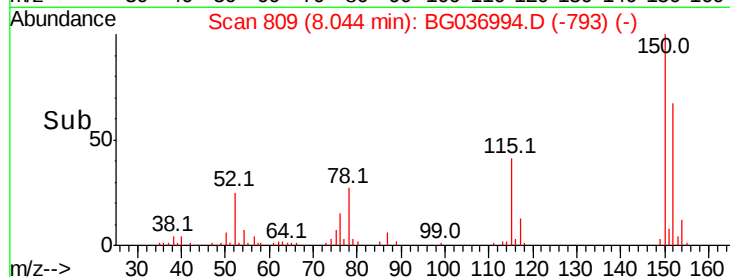
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BG036994.D
 Acq: 26 Sep 2018 23:04

Instrument :
 BNA_G
 ClientSampleId :
 PB113238TB

Tot Ion:152 Resp: 43180
 Ion Ratio Lower Upper
 152 100
 150 149.9 119.5 179.3
 115 62.0 44.5 66.7



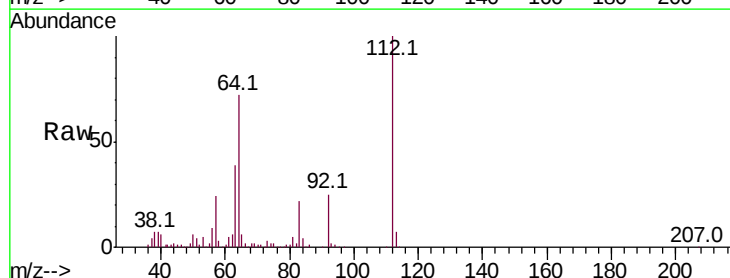
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



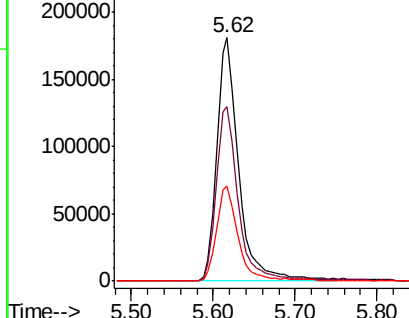
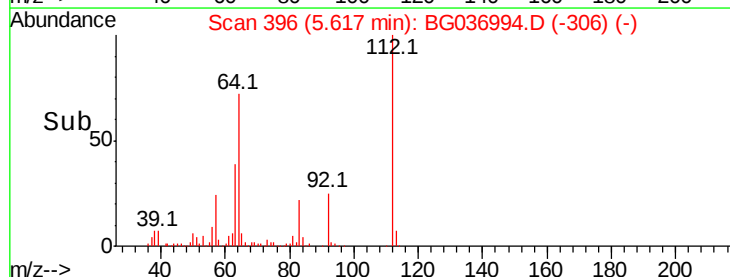
#5

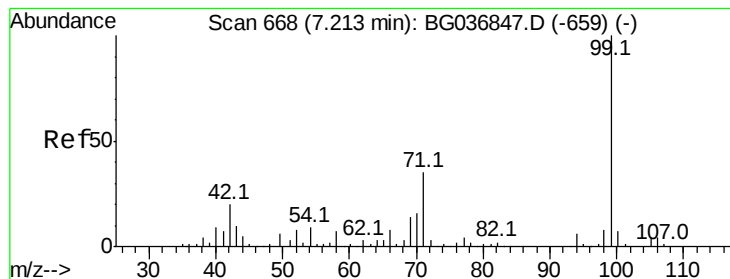
2-Fluorophenol
 Concen: 149.783 ng
 RT: 5.62 min Scan# 396
 Delta R.T. -0.00 min
 Lab File: BG036994.D
 Acq: 26 Sep 2018 23:04

Tgt Ion:112 Resp: 337245
 Ion Ratio Lower Upper
 112 100
 64 71.6 57.2 85.8
 63 38.8 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: 134.401 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036994.D

Acq: 26 Sep 2018 23:04

Instrument :

BNA_G

ClientSampleId :

PB113238TB

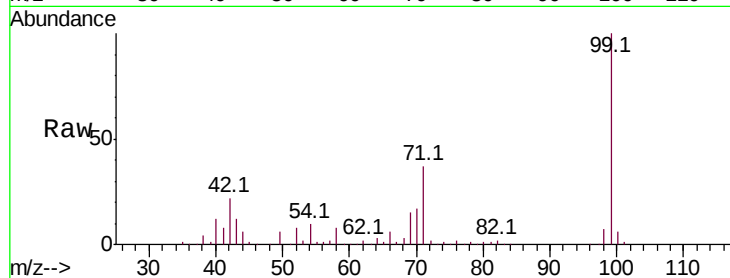
Tot Ion: 99 Resp: 468192

Ion Ratio Lower Upper

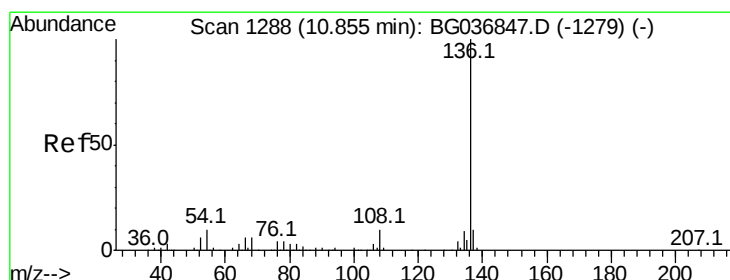
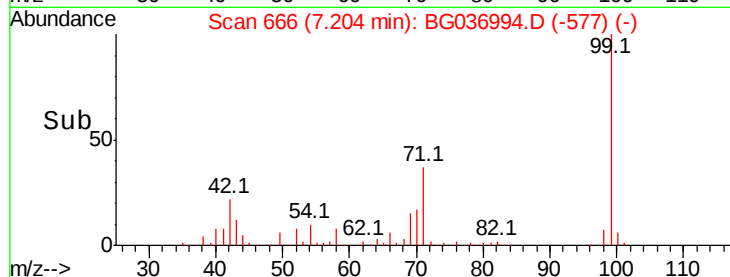
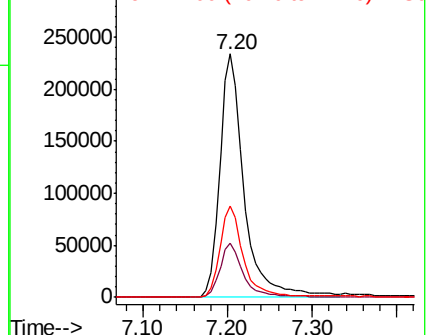
99 100

42 22.2 16.5 24.7

71 37.5 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: BG036994.D

Acq: 26 Sep 2018 23:04

Tgt Ion: 136 Resp: 175204

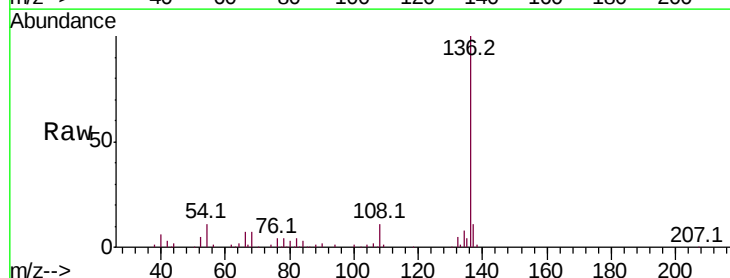
Ion Ratio Lower Upper

136 100

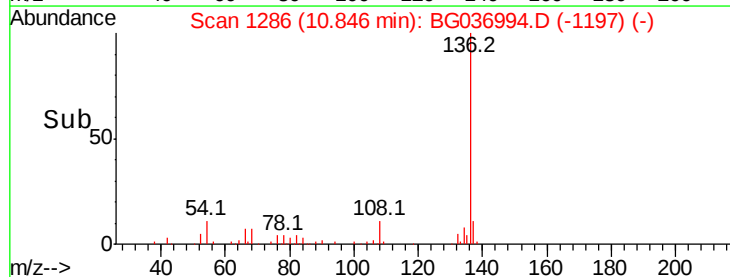
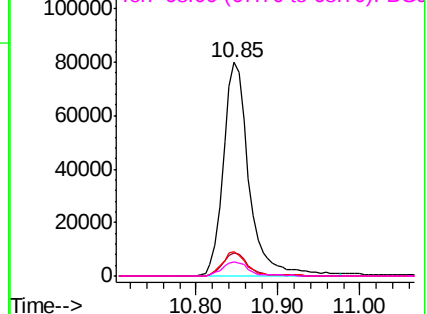
137 10.9 8.8 13.2

54 11.3 9.2 13.8

68 6.6 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

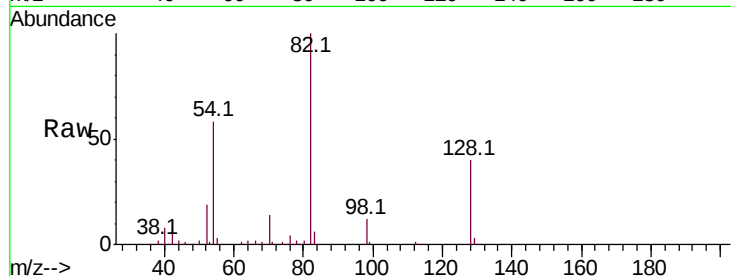




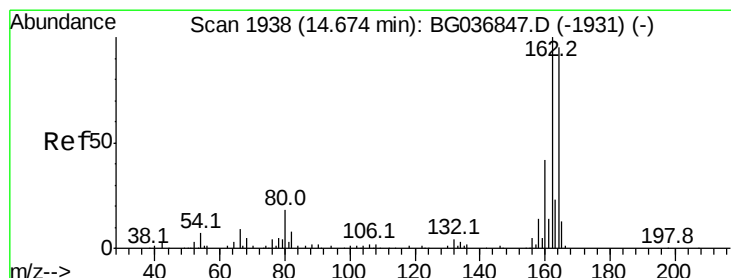
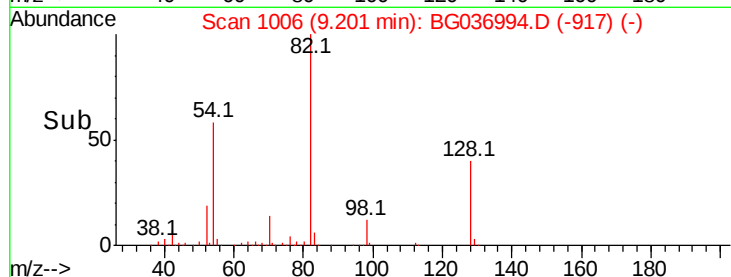
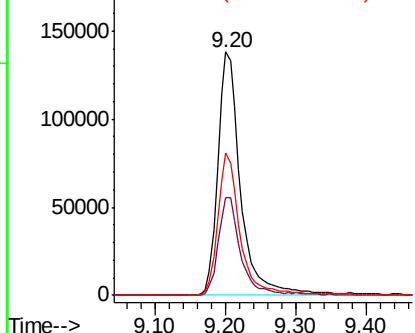
#23
Nitrobenzene-d5
Concen: 94.424 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG036994.D
Acq: 26 Sep 2018 23:04

Instrument :
BNA_G
ClientSampleId :
PB113238TB

Tot Ion: 82 Resp: 308928
Ion Ratio Lower Upper
82 100
128 40.2 33.3 49.9
54 58.3 45.1 67.7

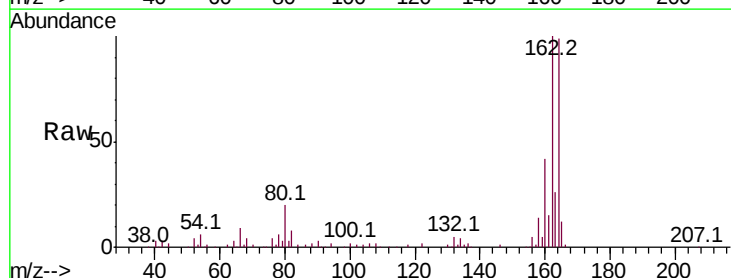


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

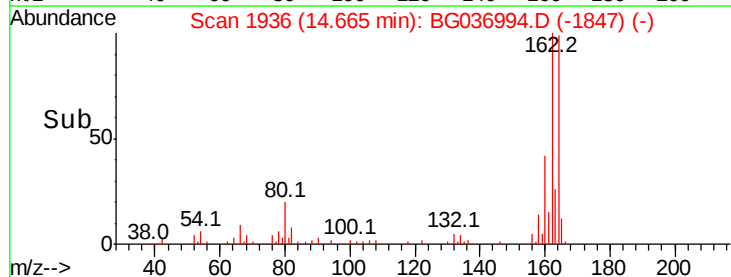
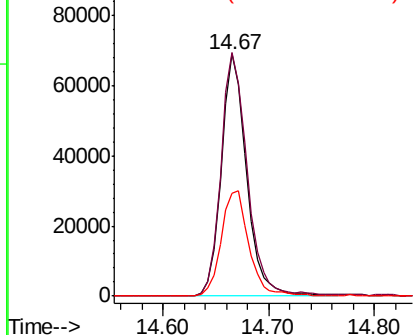


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG036994.D
Acq: 26 Sep 2018 23:04

Tgt Ion: 164 Resp: 114986
Ion Ratio Lower Upper
164 100
162 100.6 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

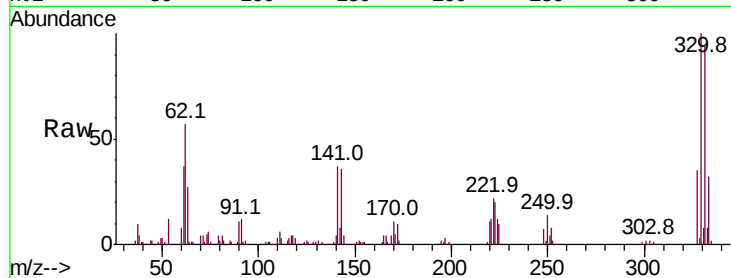




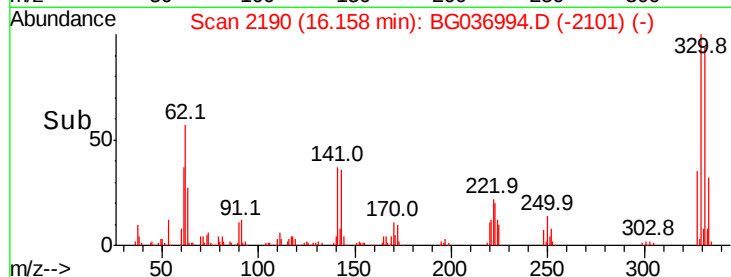
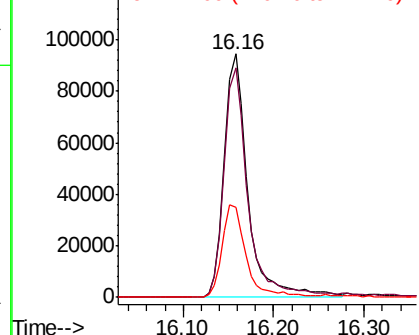
#41
 2,4,6-Tribromophenol
 Concen: 125.078 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036994.D
 Acq: 26 Sep 2018 23:04

Instrument :
 BNA_G
 ClientSampleId :
 PB113238TB

Tot Ion:330 Resp: 172074
 Ion Ratio Lower Upper
 330 100
 332 94.9 75.4 113.2
 141 38.3 30.7 46.1

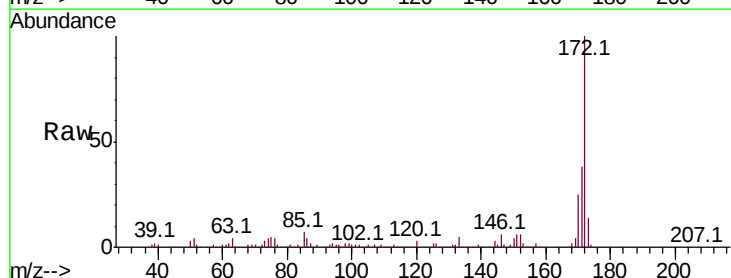


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

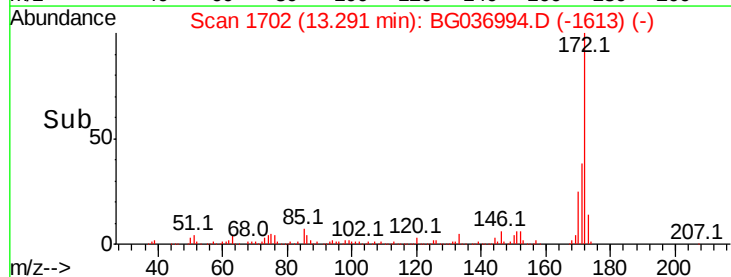
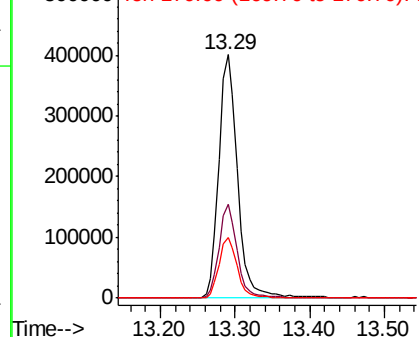


#44
 2-Fluorobiphenyl
 Concen: 90.526 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG036994.D
 Acq: 26 Sep 2018 23:04

Tgt Ion:172 Resp: 698888
 Ion Ratio Lower Upper
 172 100
 171 38.3 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

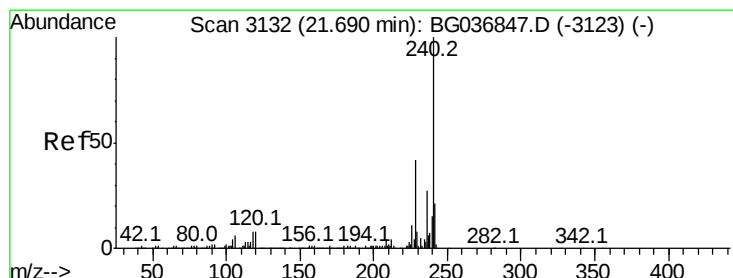
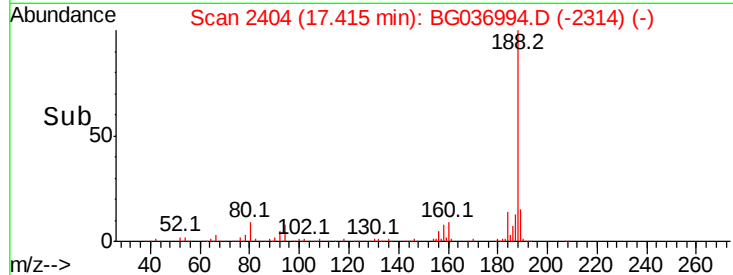
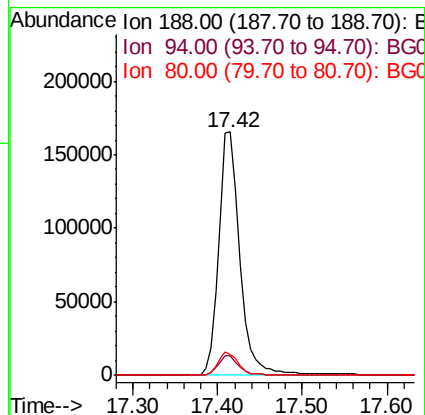
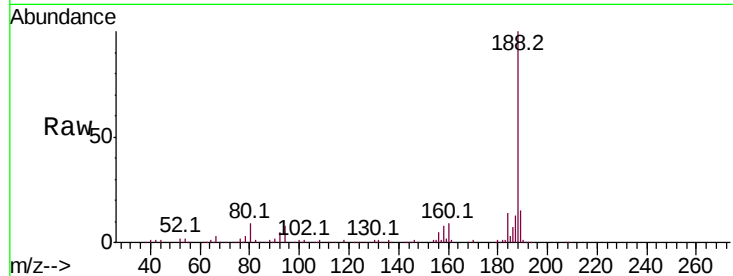




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2404
Delta R.T. -0.00 min
Lab File: BG036994.D
Acq: 26 Sep 2018 23:04

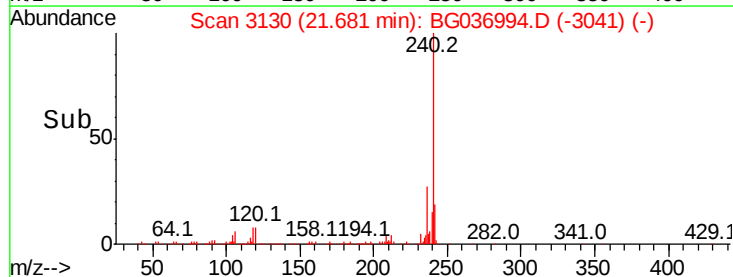
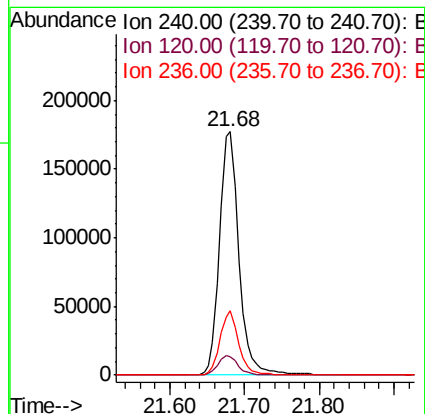
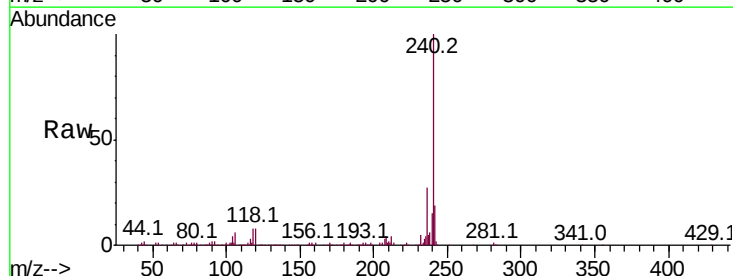
Instrument :
BNA_G
ClientSampleId :
PB113238TB

Tot Ion:188 Resp: 293634
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 8.8 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: BG036994.D
Acq: 26 Sep 2018 23:04

Tgt Ion:240 Resp: 321355
Ion Ratio Lower Upper
240 100
120 7.7 6.9 10.3
236 26.6 21.2 31.8



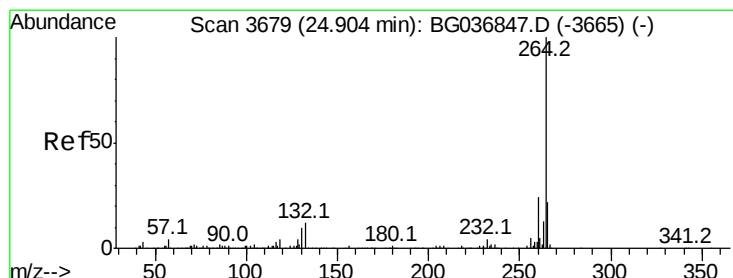
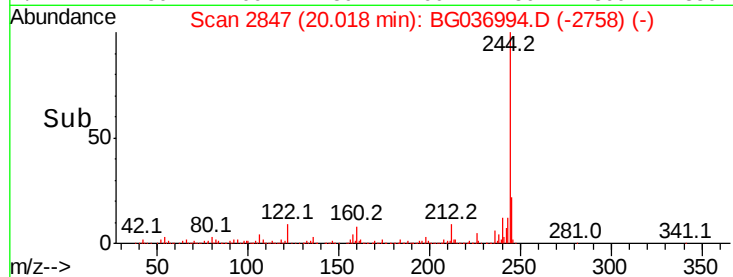
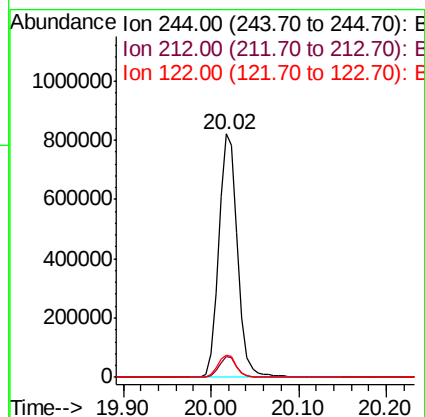
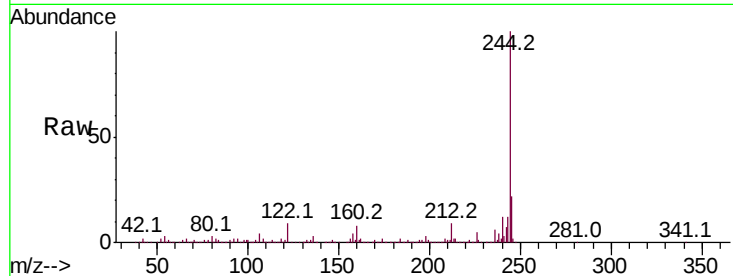


#78
 Terphenyl-d14
 Concen: 99.213 ng
 RT: 20.02 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BG036994.D
 Acq: 26 Sep 2018 23:04

Instrument :
 BNA_G
 ClientSampleID :
 PB113238TB

Tot Ion:244 Resp: 1212497

Ion	Ratio	Lower	Upper
244	100		
212	8.6	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: BG036994.D
 Acq: 26 Sep 2018 23:04

Tgt Ion:264 Resp: 307281

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.6	29.4
265	22.1	17.4	26.0

