

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
 Data File : BG036880.D
 Acq On : 22 Sep 2018 5:08
 Operator : JU/SJ
 Sample : PB113112TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113112TB

Quant Time: Sep 24 05:28:34 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	35110	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	148849	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	100884	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	287767	20.00	ng	0.00
75) Chrysene-d12	21.69	240	335098	20.00	ng	0.00
86) Perylene-d12	24.90	264	326574	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	271388	148.24	ng	0.00
7) Phenol-d6	7.21	99	365663	129.10	ng	0.00
23) Nitrobenzene-d5	9.21	82	236067	84.93	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	149290	123.69	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	575676	84.99	ng	0.00
78) Terphenyl-d14	20.02	244	1169406	91.76	ng	0.00

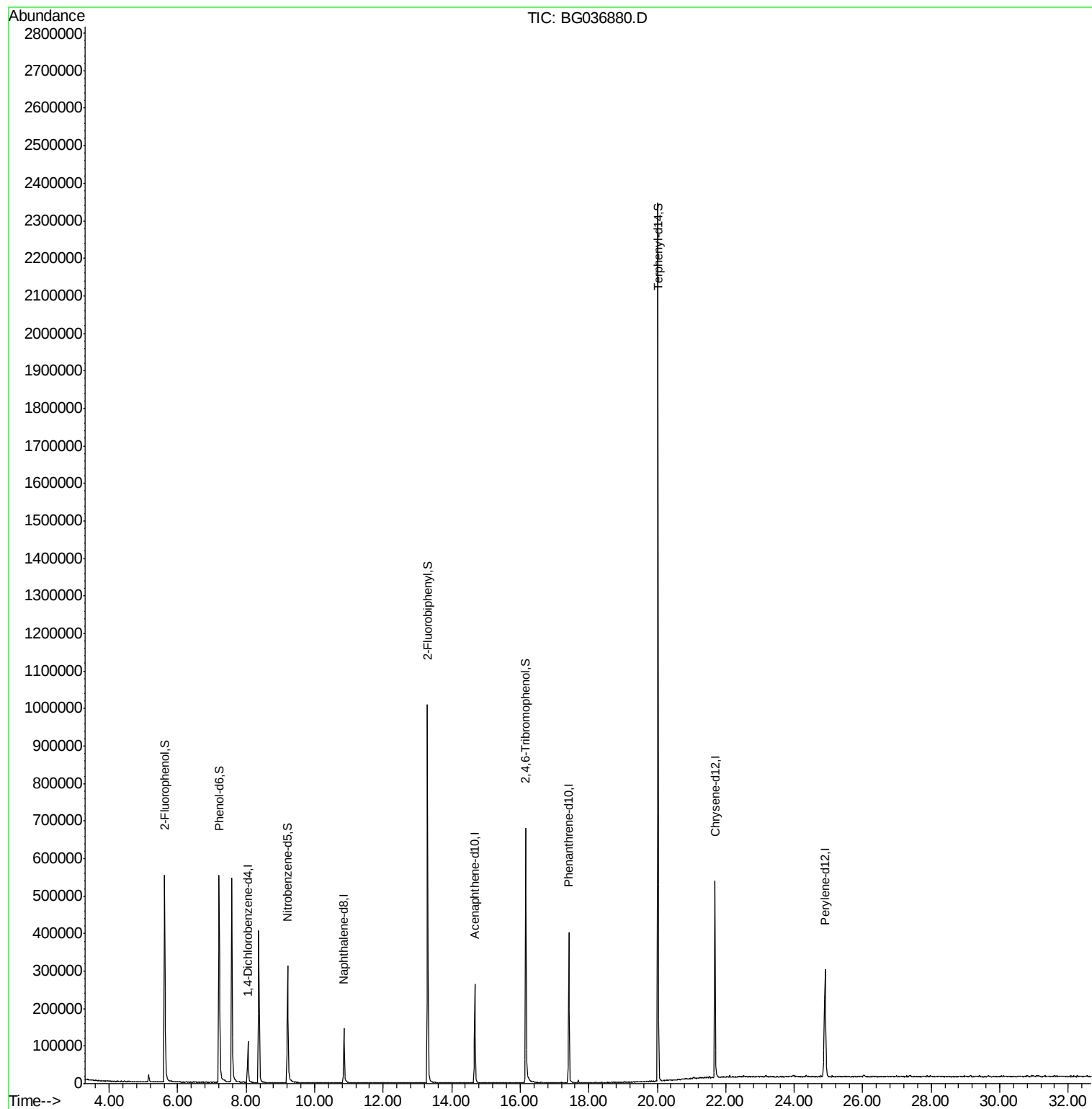
Target Compounds Qvalue

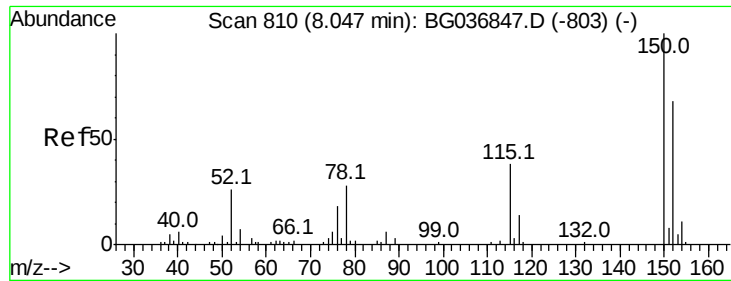
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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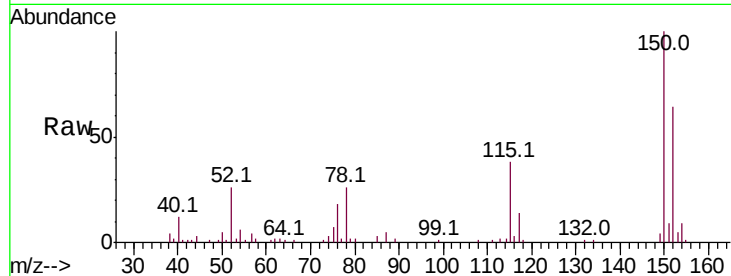


#1

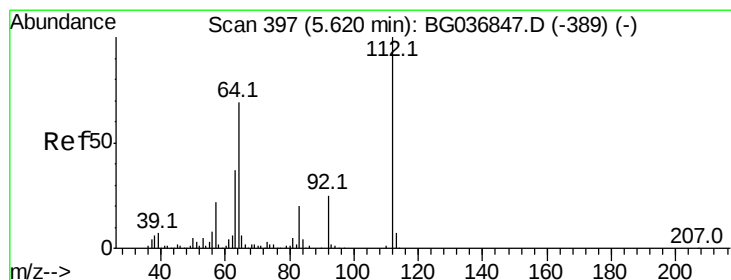
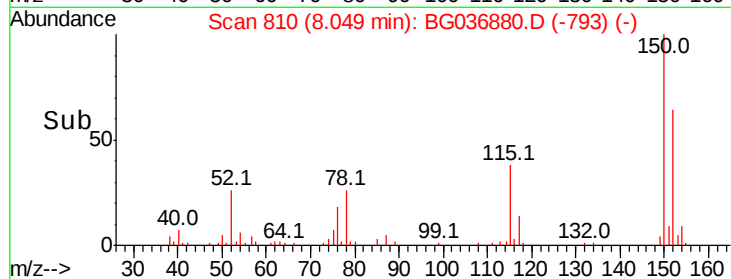
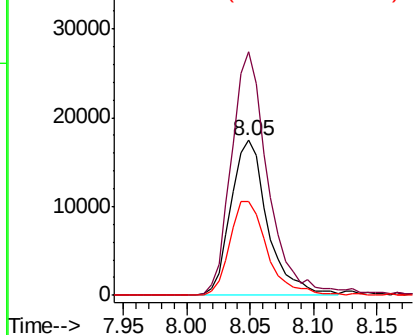
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG036880.D
Acq: 22 Sep 2018 5:08

Instrument :
BNA_G
ClientSampleId :
PB113112TB

Tot Ion:152 Resp: 35110
Ion Ratio Lower Upper
152 100
150 156.9 119.5 179.3
115 60.1 44.5 66.7



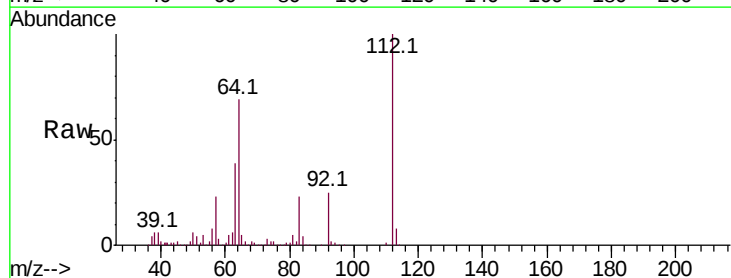
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



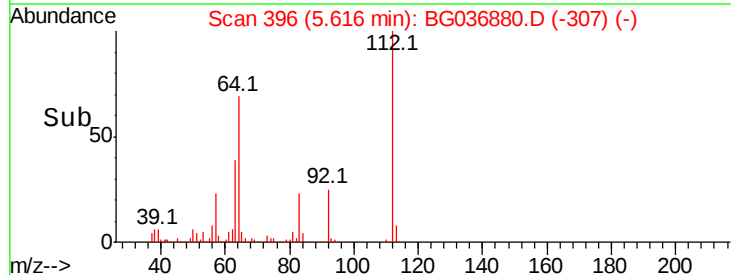
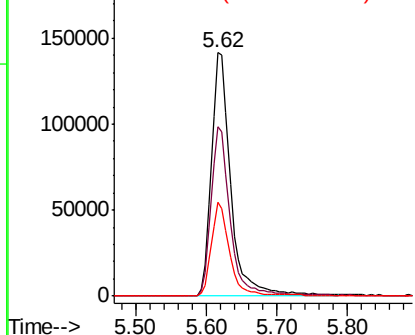
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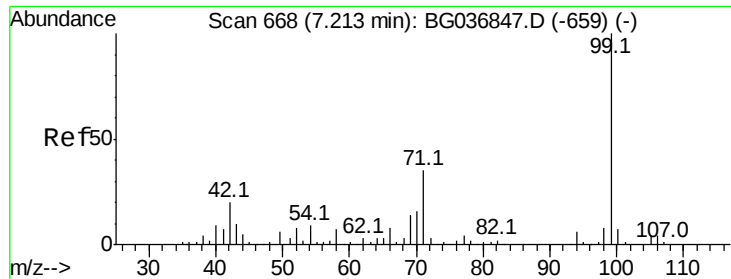
2-Fluorophenol
Concen: 148.238 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG036880.D
Acq: 22 Sep 2018 5:08

Tgt Ion:112 Resp: 271388
Ion Ratio Lower Upper
112 100
64 69.4 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): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 129.096 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG036880.D

Acq: 22 Sep 2018 5:08

Instrument :

BNA_G

ClientSampleId :

PB113112TB

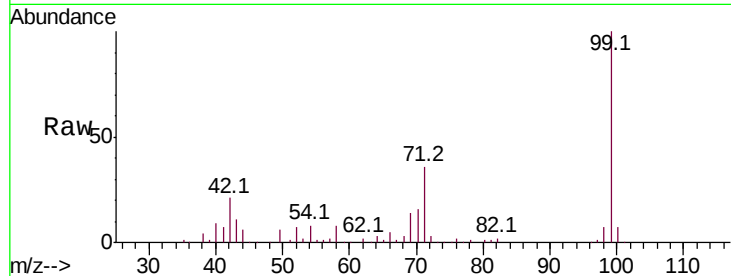
Tot Ion: 99 Resp: 365663

Ion Ratio Lower Upper

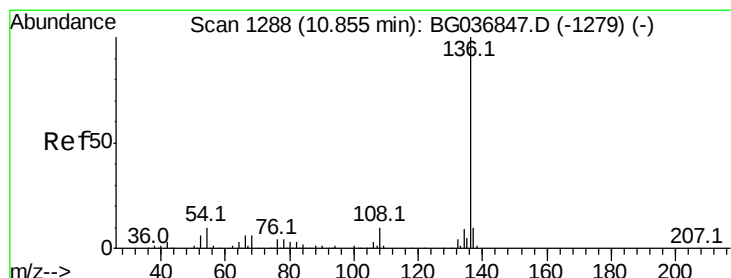
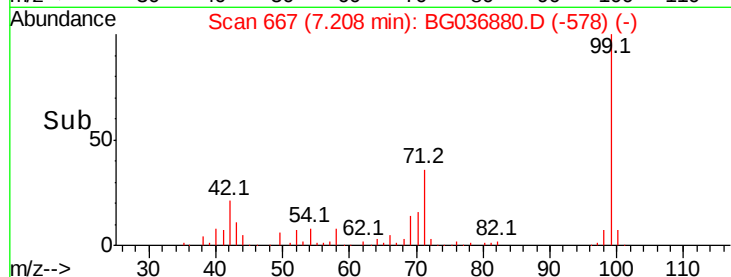
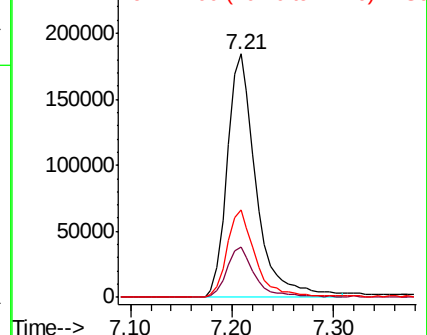
99 100

42 20.5 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: 10.85 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BG036880.D

Acq: 22 Sep 2018 5:08

Tgt Ion:136 Resp: 148849

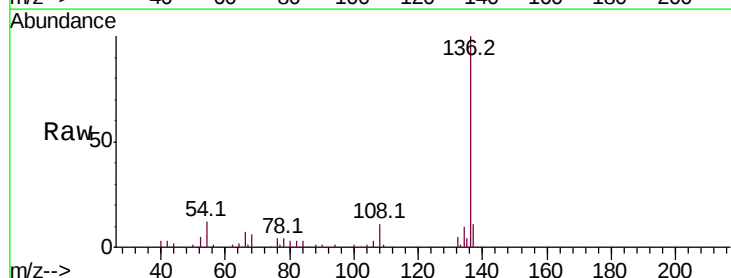
Ion Ratio Lower Upper

136 100

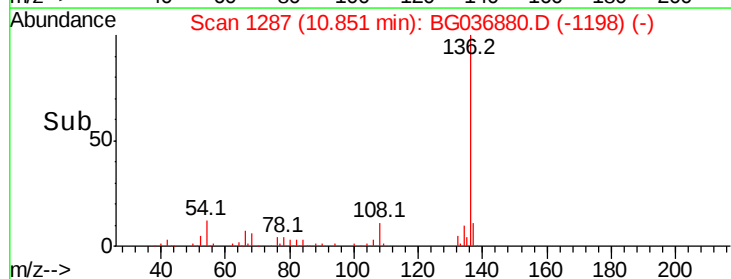
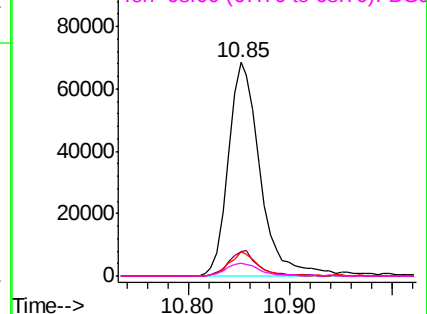
137 11.4 8.8 13.2

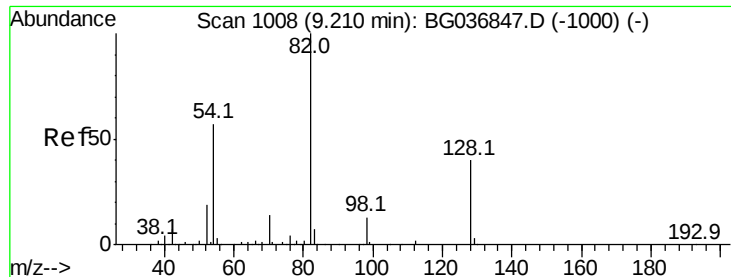
54 11.6 9.2 13.8

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

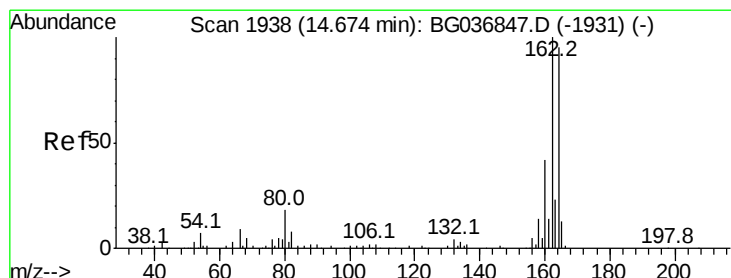
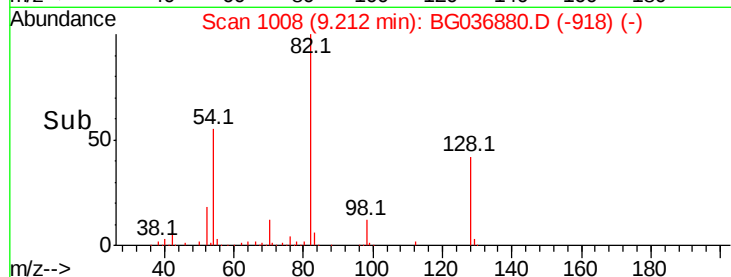
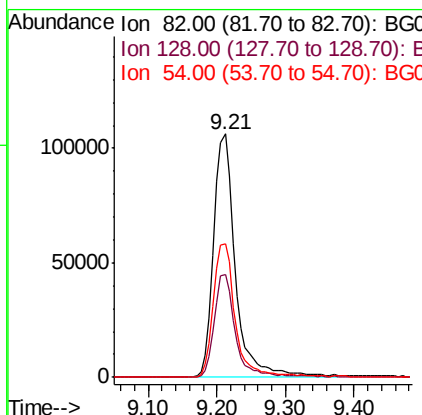
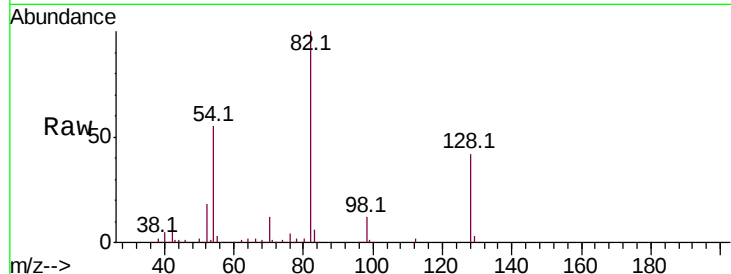




#23
 Nitrobenzene-d5
 Concen: 84.929 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BG036880.D
 Acq: 22 Sep 2018 5:08

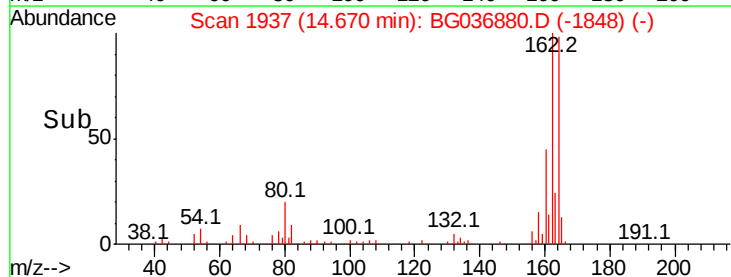
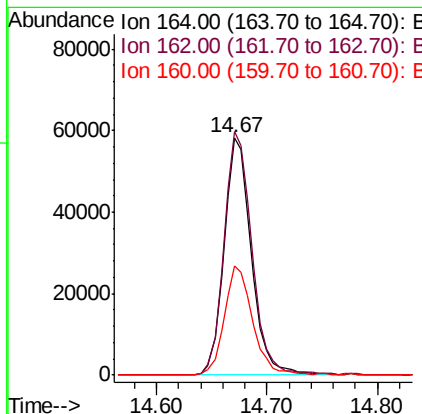
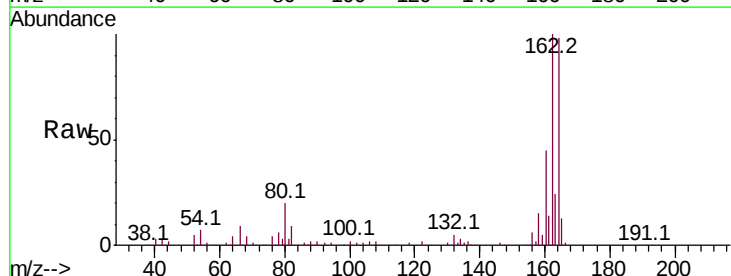
Instrument :
 BNA_G
 ClientSampleId :
 PB113112TB

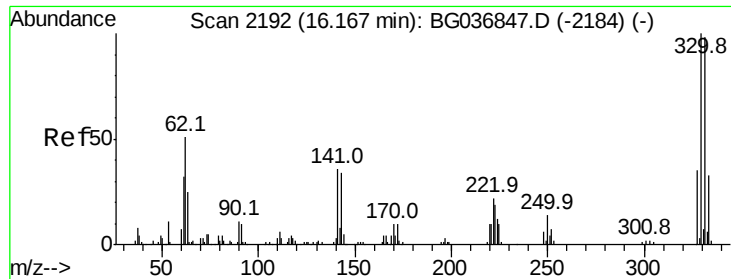
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.3	49.9
54	54.7	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: BG036880.D
 Acq: 22 Sep 2018 5:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.7	121.1
160	45.7	35.3	52.9

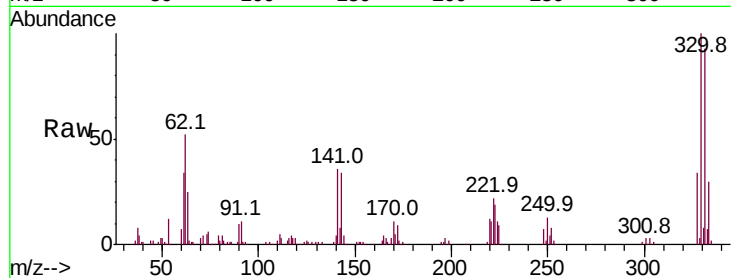




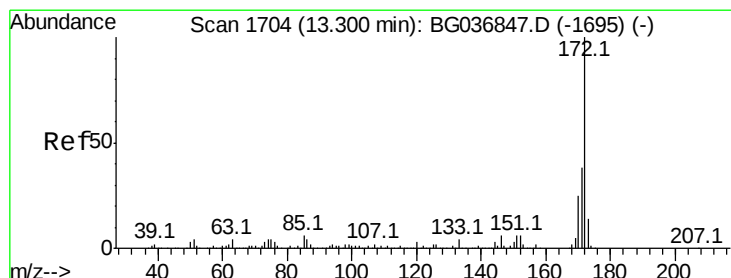
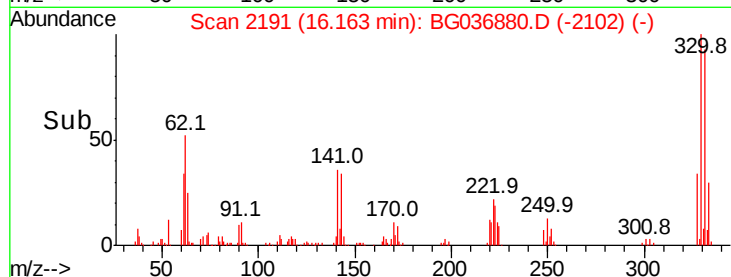
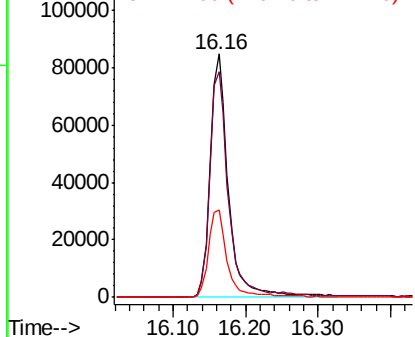
#41
 2,4,6-Tribromophenol
 Concen: 123.685 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.00 min
 Lab File: BG036880.D
 Acq: 22 Sep 2018 5:08

Instrument :
 BNA_G
 ClientSampleId :
 PB113112TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.4	113.2
141	36.6	30.7	46.1

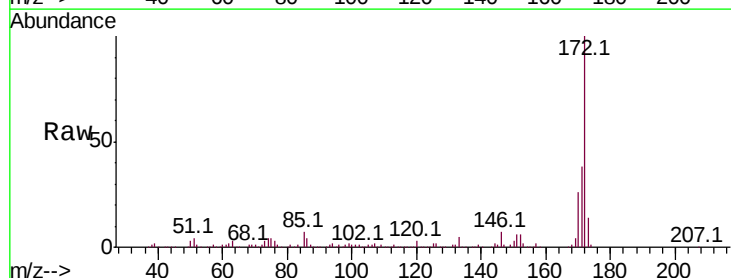


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

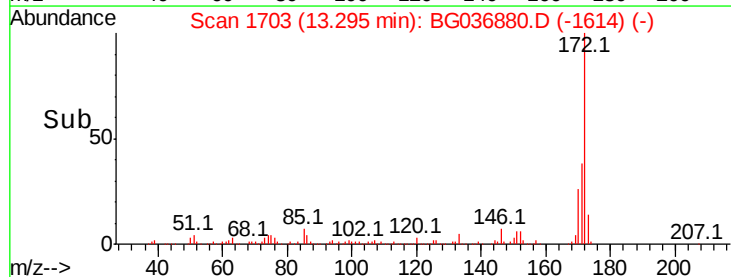
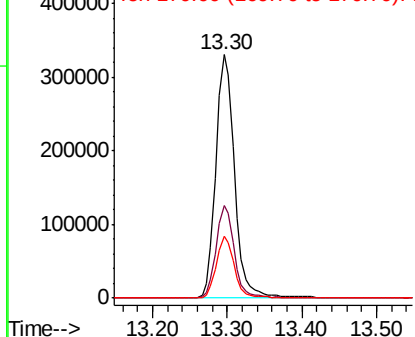


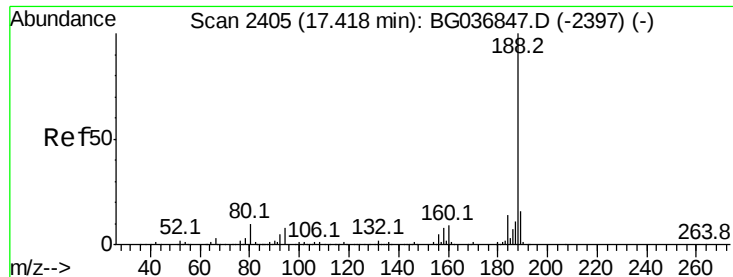
#44
 2-Fluorobiphenyl
 Concen: 84.989 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG036880.D
 Acq: 22 Sep 2018 5:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	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: BG036880.D

Acq: 22 Sep 2018 5:08

Instrument :

BNA_G

ClientSampleId :

PB113112TB

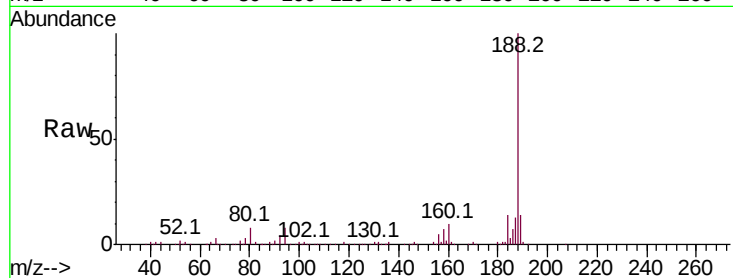
Tot Ion:188 Resp: 287767

Ion Ratio Lower Upper

188 100

94 8.1 6.7 10.1

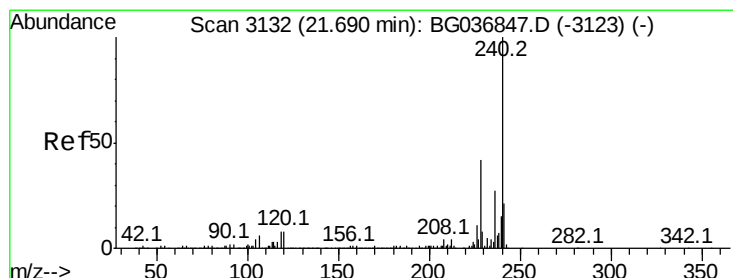
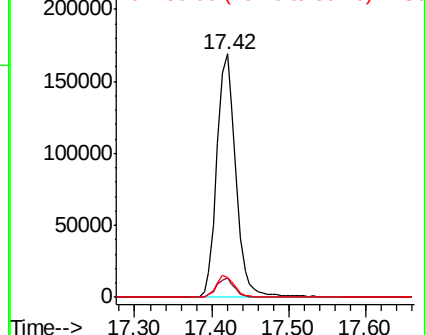
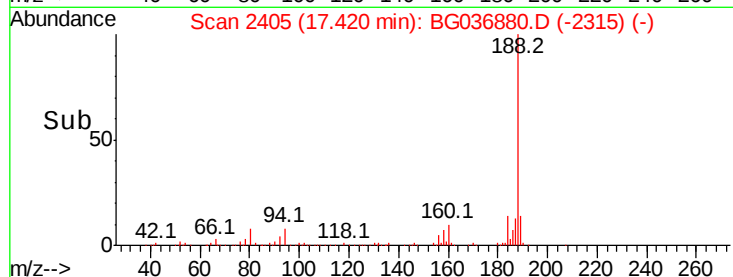
80 8.2 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG036880.D

Acq: 22 Sep 2018 5:08

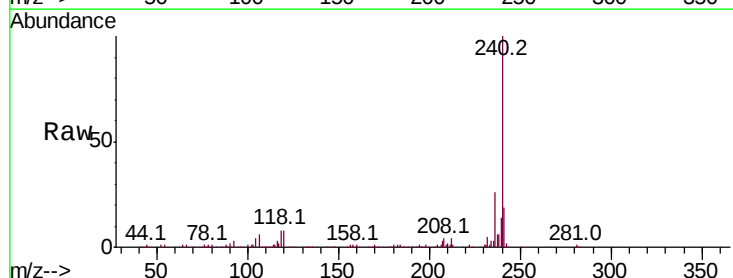
Tgt Ion:240 Resp: 335098

Ion Ratio Lower Upper

240 100

120 8.3 6.9 10.3

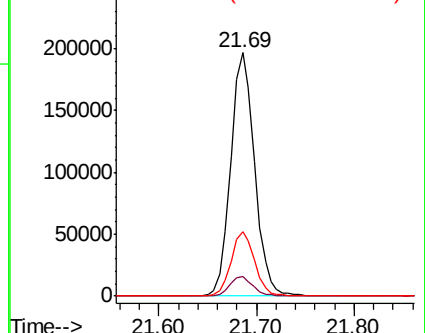
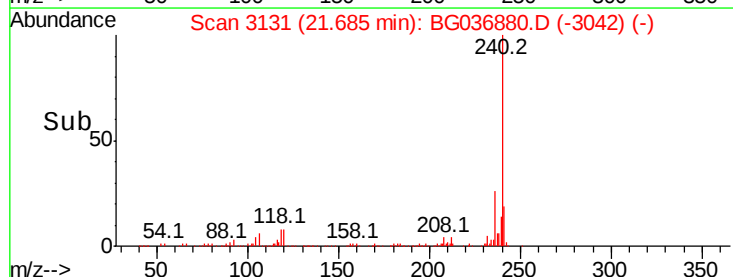
236 26.3 21.2 31.8

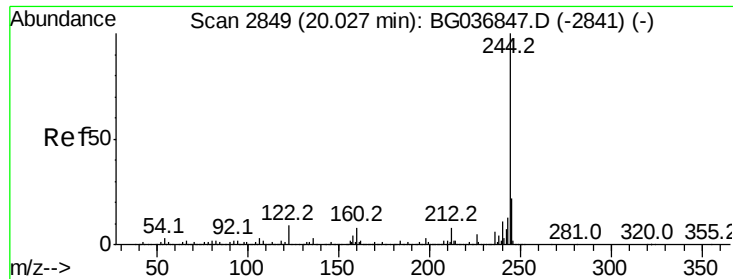


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 91.762 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BG036880.D

Acq: 22 Sep 2018 5:08

Instrument :

BNA_G

ClientSampleId :

PB113112TB

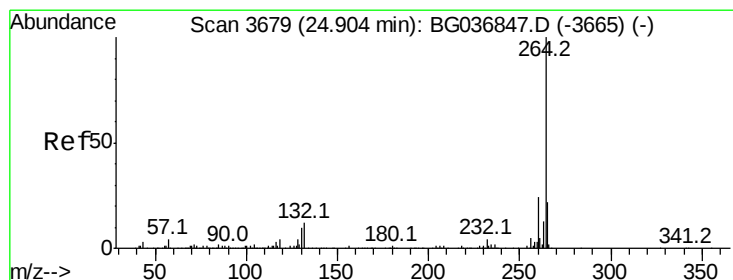
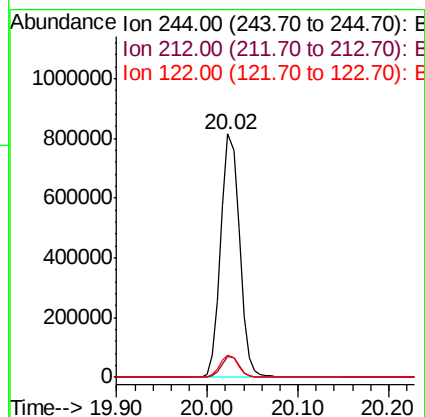
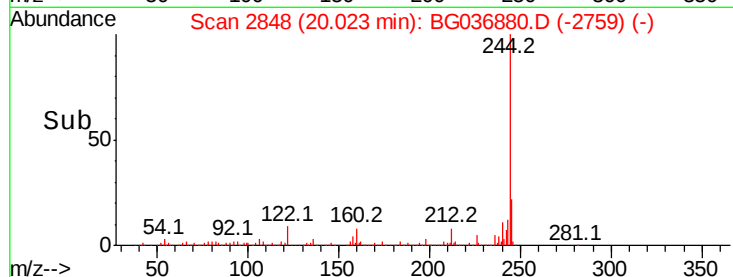
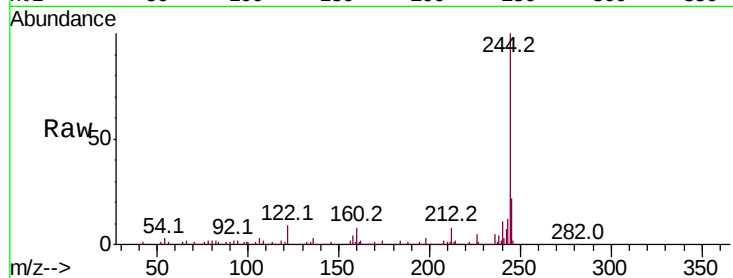
Tot Ion:244 Resp: 1169406

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

122 9.0 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BG036880.D

Acq: 22 Sep 2018 5:08

Tgt Ion:264 Resp: 326574

Ion Ratio Lower Upper

264 100

260 23.9 19.6 29.4

265 21.8 17.4 26.0

