

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080218\
 Data File : BG036085.D
 Acq On : 3 Aug 2018 8:29
 Operator : JU/SJ
 Sample : PB111703TB
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111703TB

Quant Time: Aug 03 09:07:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	26721	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	96500	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	72489	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	215031	20.00	ng	0.00
75) Chrysene-d12	21.65	240	246513	20.00	ng	0.00
86) Perylene-d12	24.85	264	224083	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	242328	150.56	ng	0.00
7) Phenol-d6	7.19	99	343091	142.88	ng	0.00
23) Nitrobenzene-d5	9.18	82	228255	98.81	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	153640	160.80	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	551093	101.85	ng	0.00
78) Terphenyl-d14	19.99	244	1209861	108.18	ng	0.00

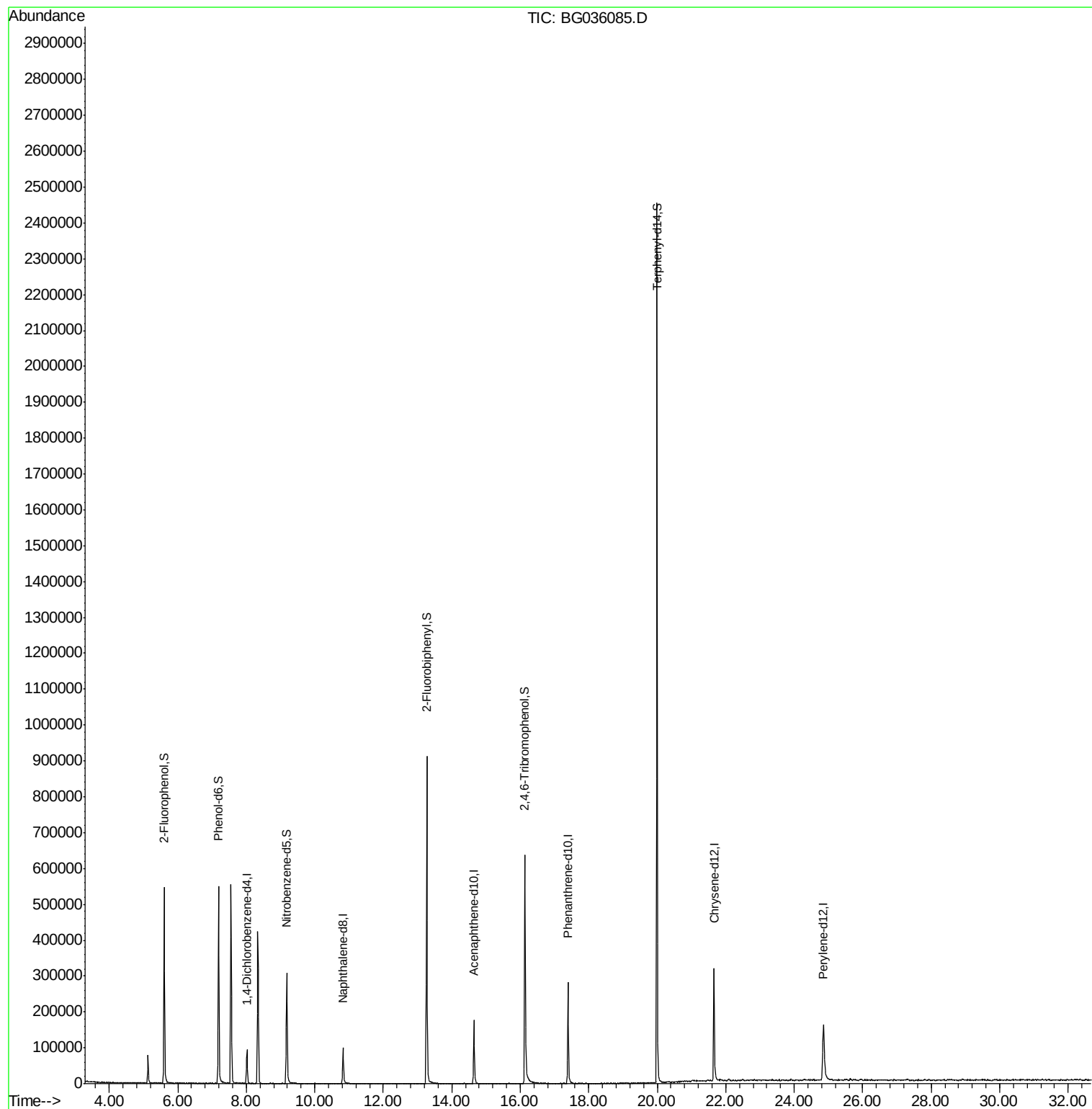
Target Compounds Qvalue

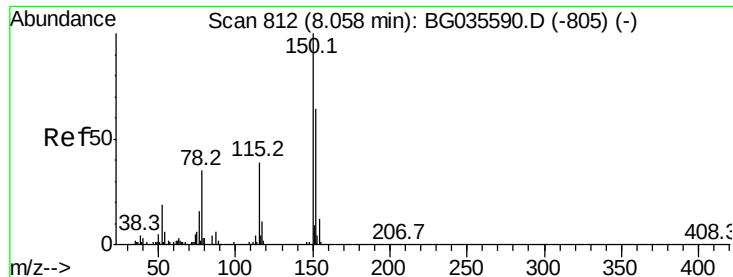
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG036085.D

Acq: 3 Aug 2018 8:29

Instrument :

BNA_G

ClientSampleId :

PB111703TB

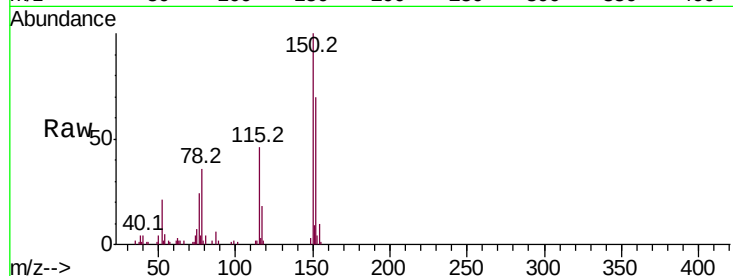
Tot Ion:152 Resp: 26721

Ion Ratio Lower Upper

152 100

150 142.8 126.6 189.8

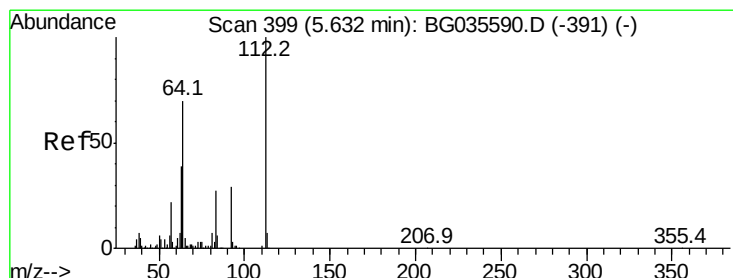
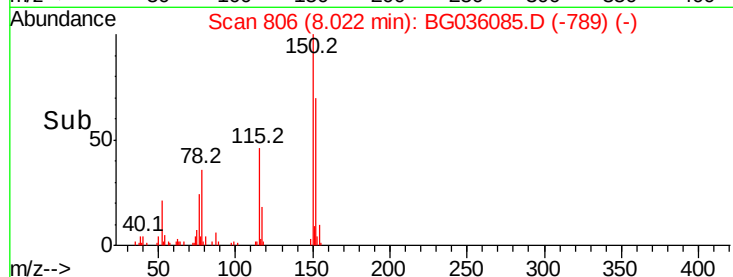
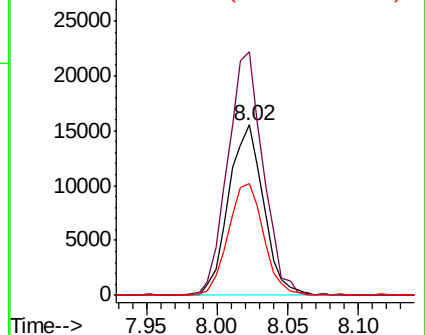
115 65.2 53.0 79.4



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: 150.564 ng

RT: 5.60 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG036085.D

Acq: 3 Aug 2018 8:29

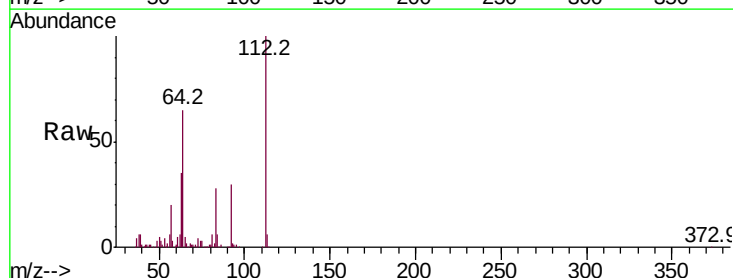
Tgt Ion:112 Resp: 242328

Ion Ratio Lower Upper

112 100

64 64.6 56.3 84.5

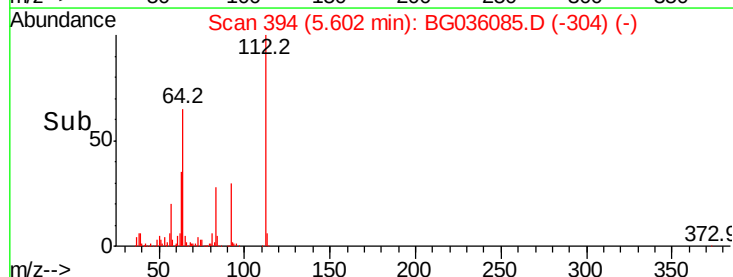
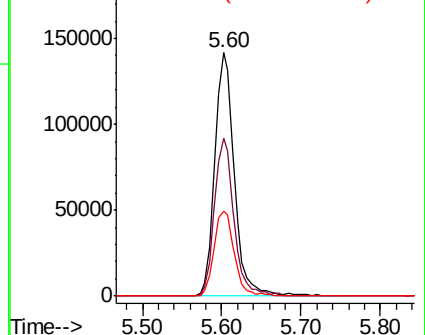
63 34.7 30.1 45.1

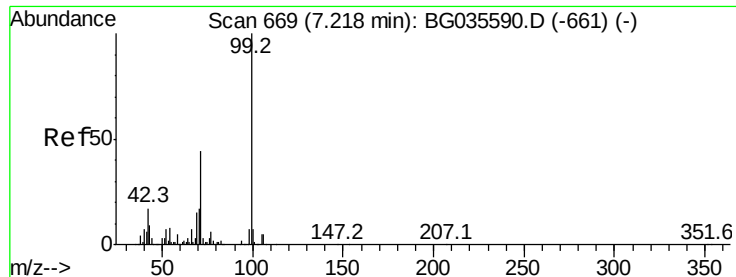


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 142.876 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036085.D

Acq: 3 Aug 2018 8:29

Instrument :

BNA_G

ClientSampleId :

PB111703TB

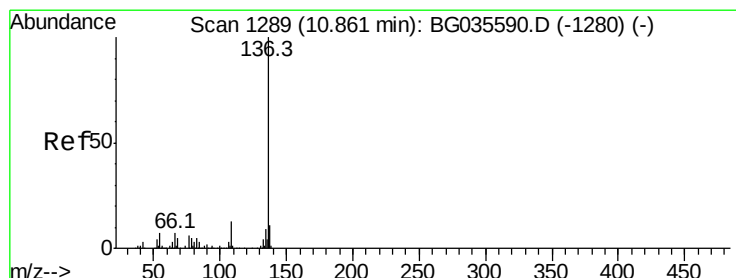
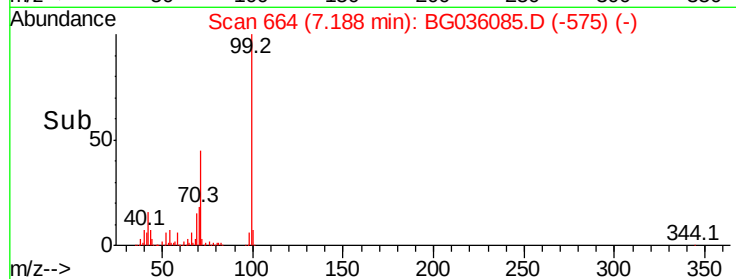
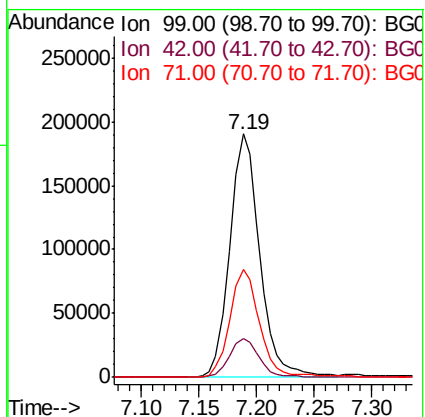
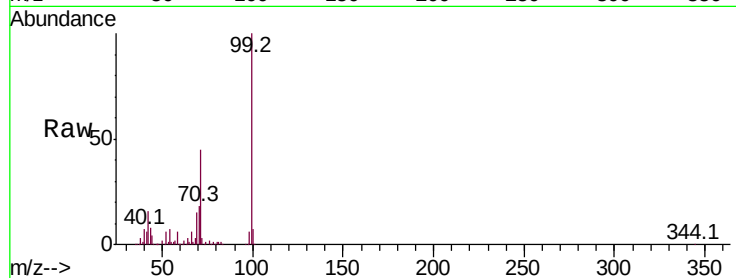
Tot Ion: 99 Resp: 343091

Ion Ratio Lower Upper

99 100

42 15.7 14.1 21.1

71 44.5 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG036085.D

Acq: 3 Aug 2018 8:29

Tgt Ion: 136 Resp: 96500

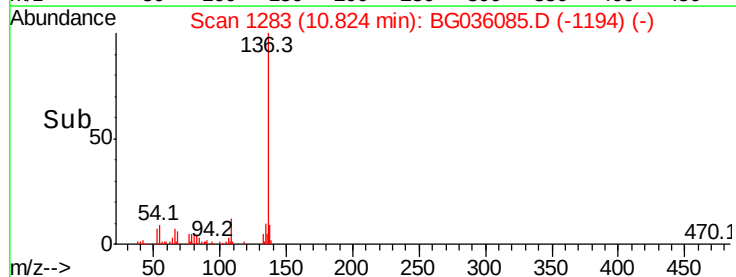
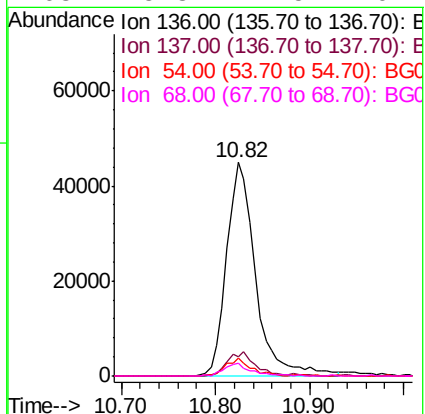
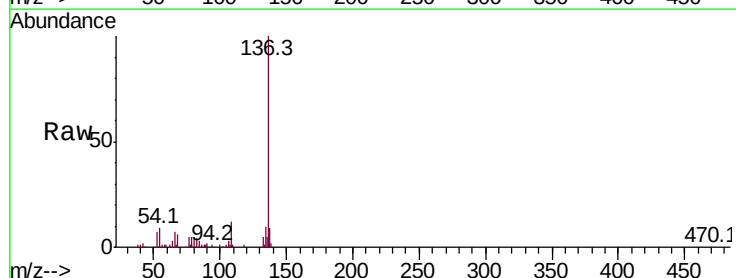
Ion Ratio Lower Upper

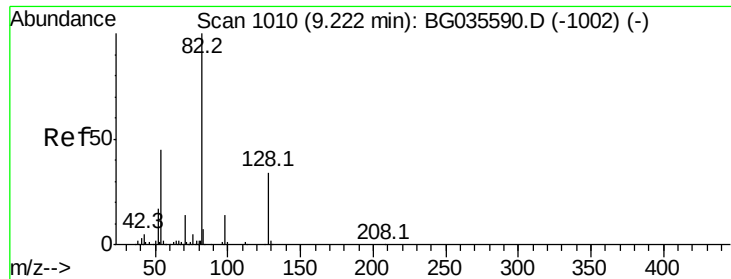
136 100

137 9.3 9.2 13.8

54 8.7 10.3 15.5#

68 5.8 4.5 6.7

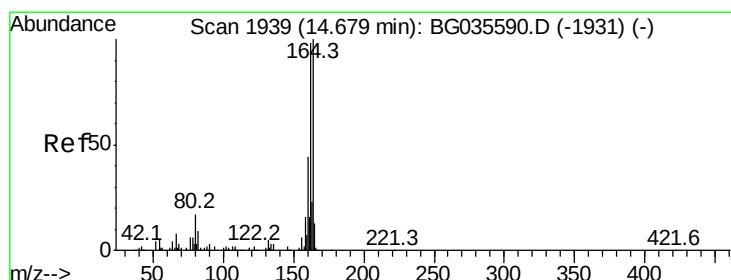
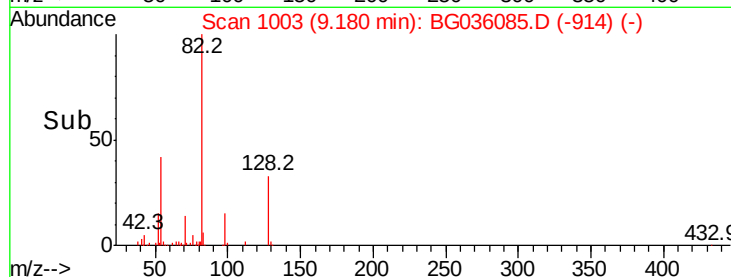
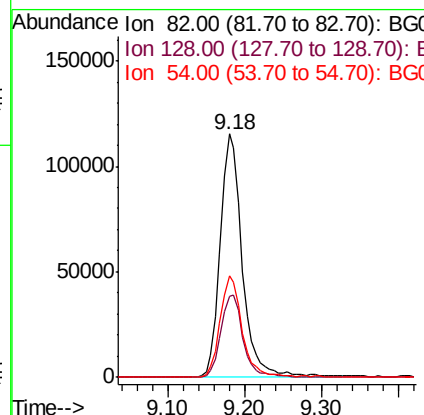
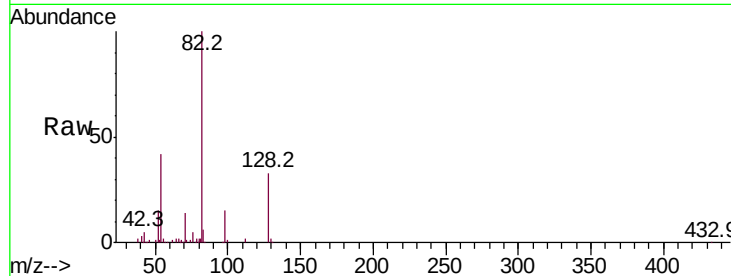




#23
 Nitrobenzene-d5
 Concen: 98.811 ng
 RT: 9.18 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG036085.D
 Acq: 3 Aug 2018 8:29

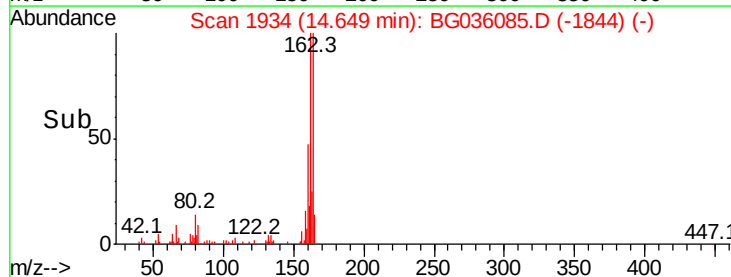
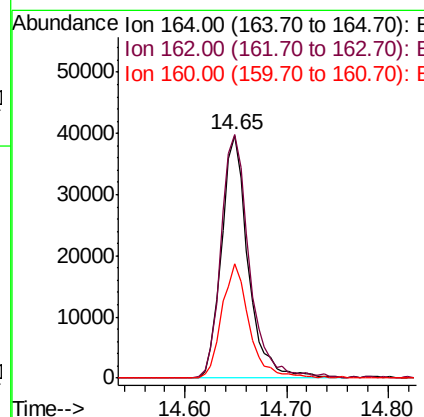
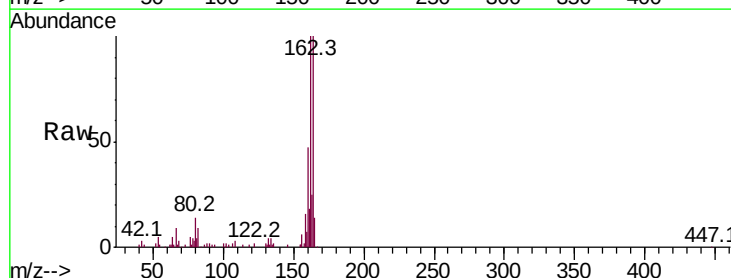
Instrument :
 BNA_G
 ClientSampleId :
 PB111703TB

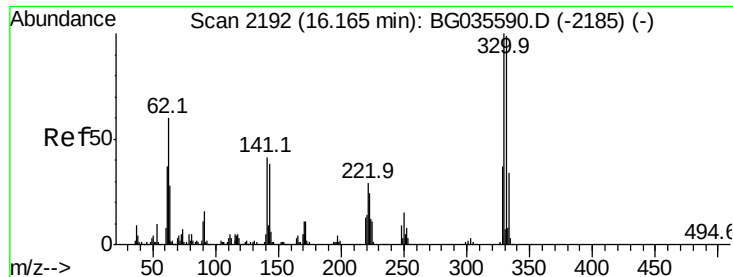
Tot Ion: 82 Resp: 228255
 Ion Ratio Lower Upper
 82 100
 128 33.3 29.7 44.5
 54 41.9 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG036085.D
 Acq: 3 Aug 2018 8:29

Tgt Ion:164 Resp: 72489
 Ion Ratio Lower Upper
 164 100
 162 100.4 78.8 118.2
 160 47.2 35.4 53.0

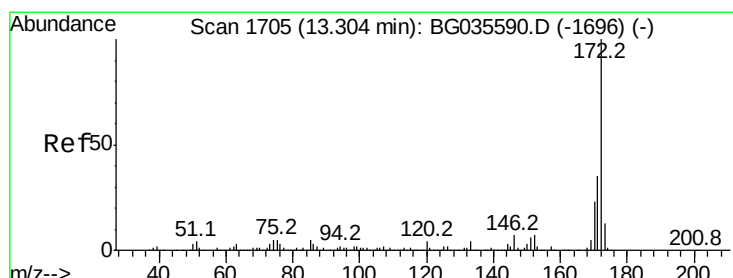
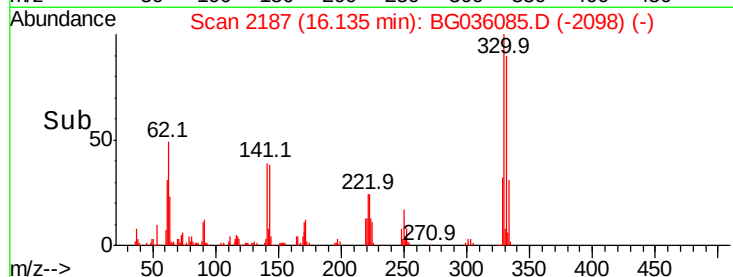
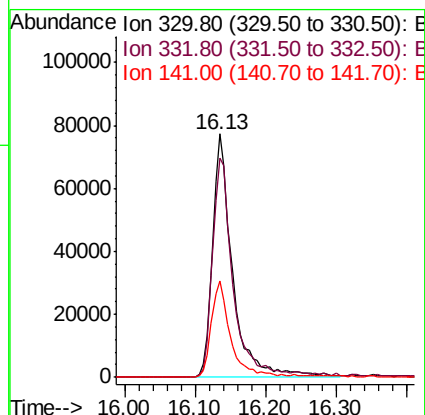
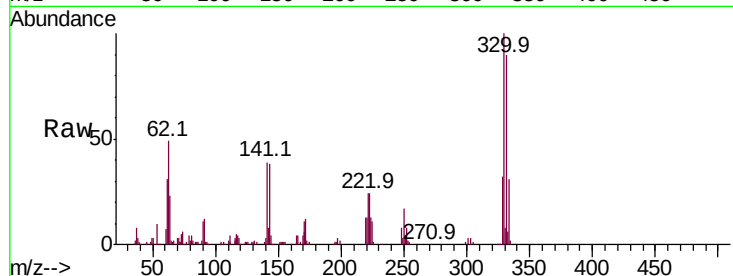




#41
2,4,6-Tribromophenol
Concen: 160.804 ng
RT: 16.13 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG036085.D
Acq: 3 Aug 2018 8:29

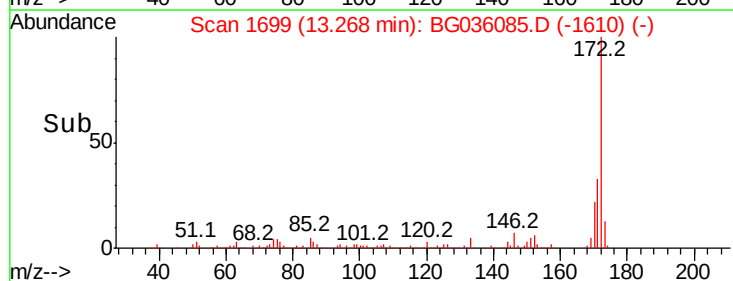
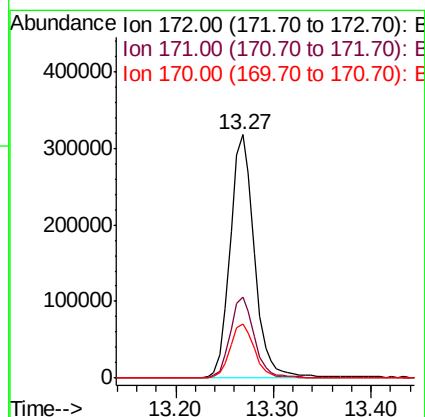
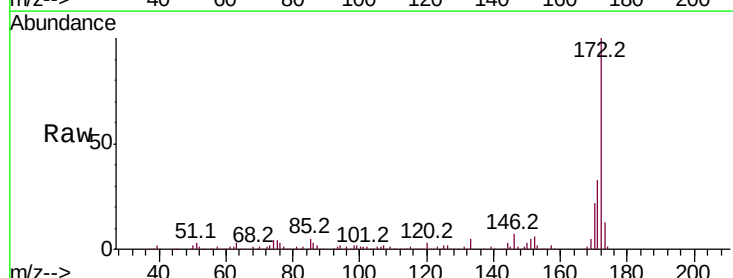
Instrument :
BNA_G
ClientSampleId :
PB111703TB

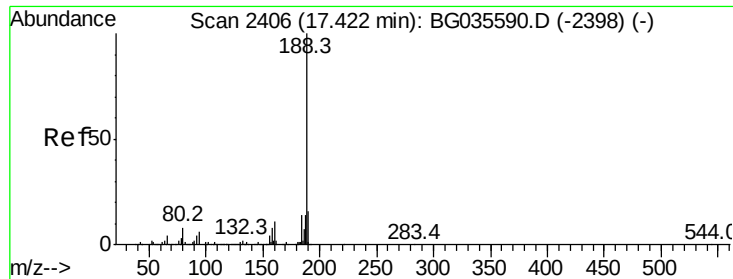
Tot Ion	Ratio	Lower	Upper
330	100		
332	91.1	77.0	115.6
141	37.6	25.2	37.8



#44
2-Fluorobiphenyl
Concen: 101.853 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG036085.D
Acq: 3 Aug 2018 8:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.4	30.0	45.0
170	22.5	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG036085.D

Acq: 3 Aug 2018 8:29

Instrument :

BNA_G

ClientSampleId :

PB111703TB

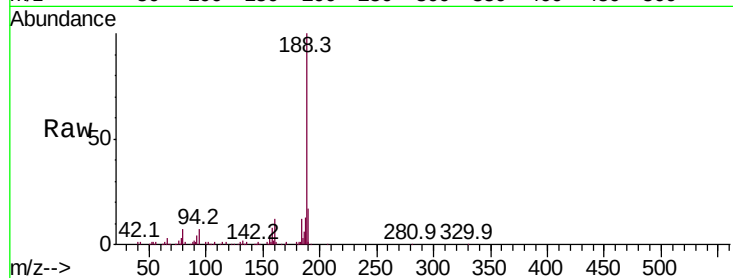
Tot Ion:188 Resp: 215031

Ion Ratio Lower Upper

188 100

94 7.1 6.9 10.3

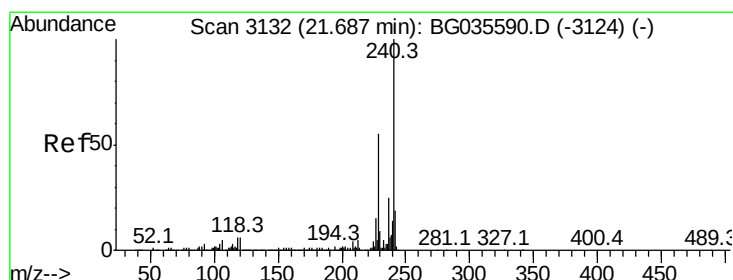
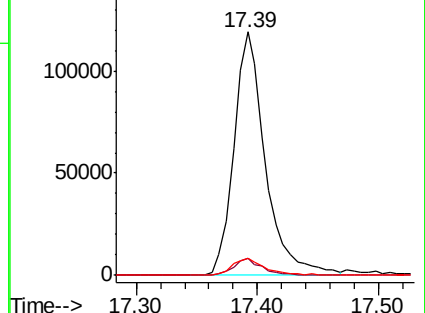
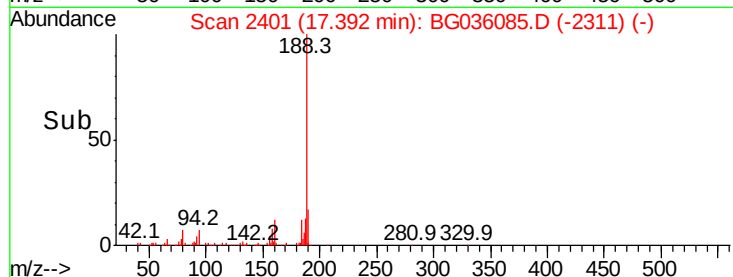
80 6.9 7.7 11.5#



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: 21.65 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BG036085.D

Acq: 3 Aug 2018 8:29

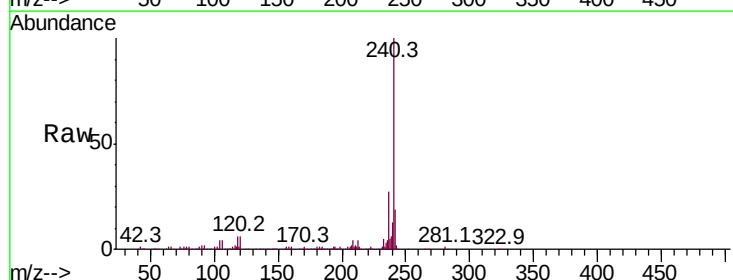
Tgt Ion:240 Resp: 246513

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

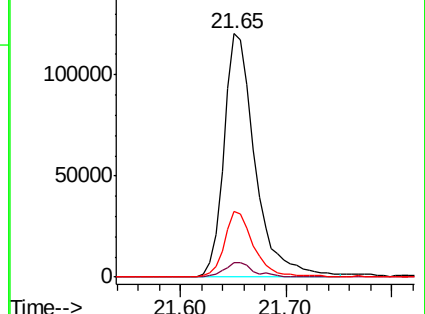
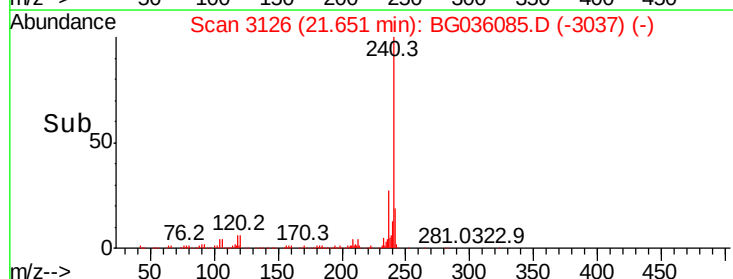
236 26.9 20.9 31.3

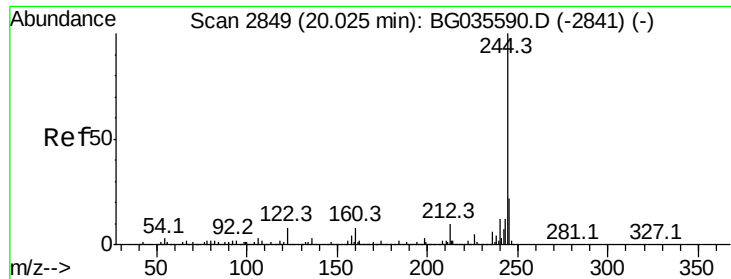


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 108.185 ng

RT: 19.99 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG036085.D

Acq: 3 Aug 2018 8:29

Instrument :

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ClientSampleId :

PB111703TB

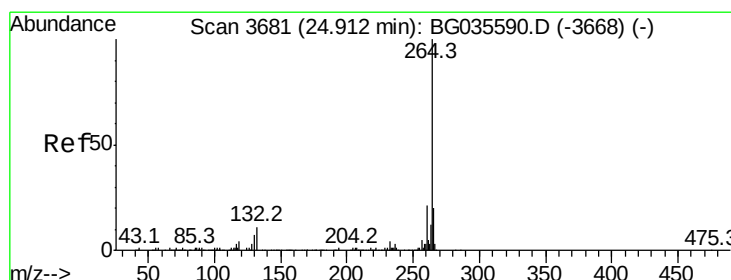
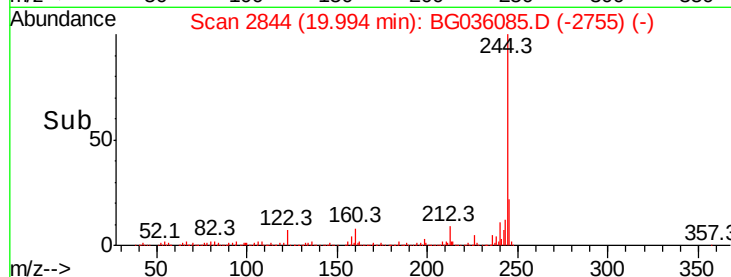
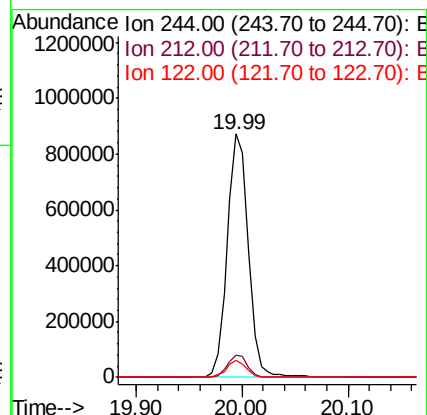
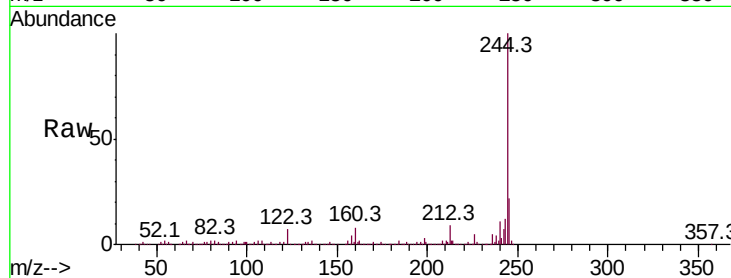
Tot Ion:244 Resp: 1209861

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

122 7.1 7.0 10.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3671

Delta R.T. -0.01 min

Lab File: BG036085.D

Acq: 3 Aug 2018 8:29

Tgt Ion:264 Resp: 224083

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

265 21.3 17.7 26.5

