

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071718\
 Data File : BG035713.D
 Acq On : 18 Jul 2018 11:40
 Operator : JU/SJ
 Sample : PB111188BL
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111188BL

Quant Time: Jul 18 13:02:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	42336	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	153511	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	110844	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	335070	20.00	ng	-0.01
75) Chrysene-d12	21.67	240	390772	20.00	ng	-0.01
86) Perylene-d12	24.88	264	372474	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	207083	81.21	ng	-0.01
7) Phenol-d6	7.20	99	289224	76.02	ng	-0.01
23) Nitrobenzene-d5	9.20	82	281971	76.73	ng	-0.03
41) 2,4,6-Tribromophenol	16.15	330	124073	84.92	ng	-0.01
44) 2-Fluorobiphenyl	13.28	172	659502	79.71	ng	-0.02
78) Terphenyl-d14	20.01	244	1286786	72.59	ng	-0.01

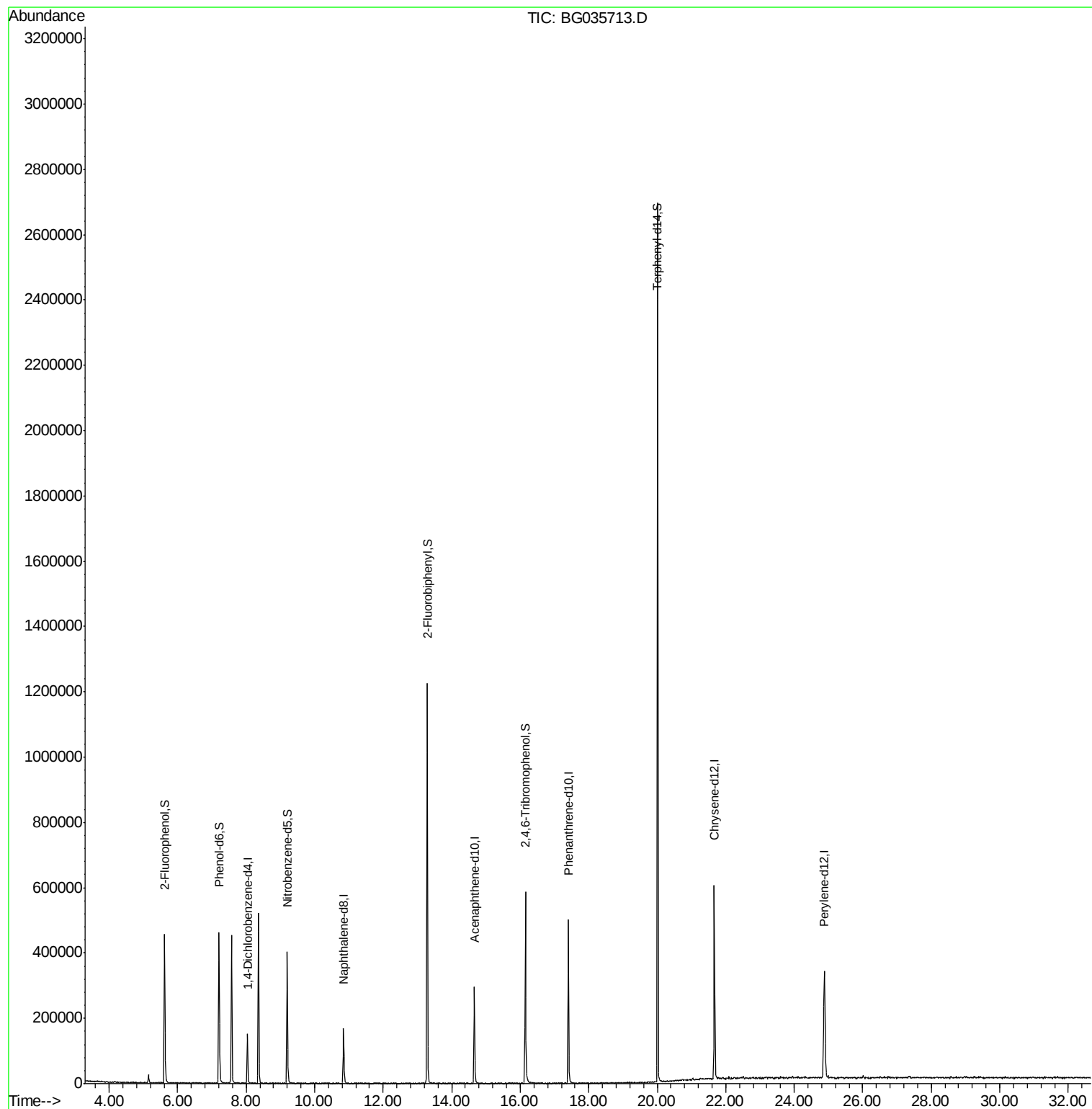
Target Compounds Qvalue

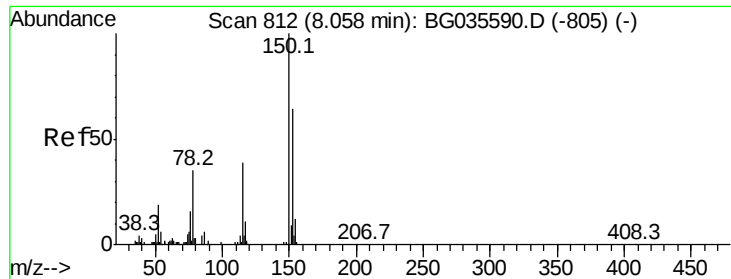
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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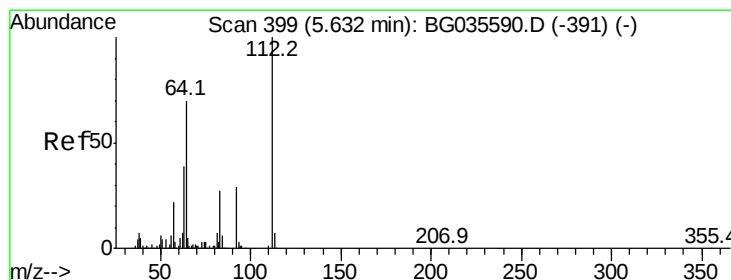
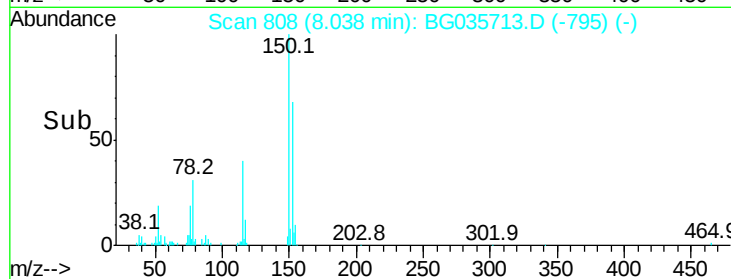
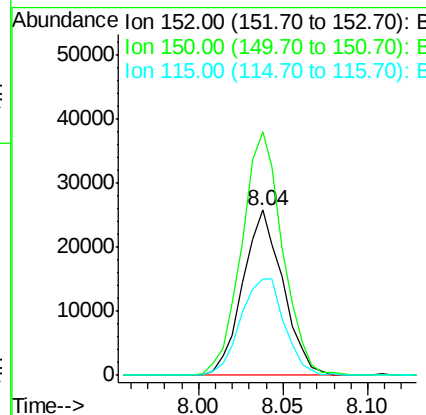
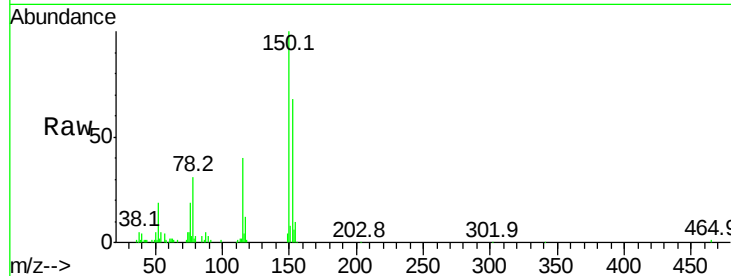


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 808
Delta R.T. -0.02 min
Lab File: BG035713.D
Acq: 18 Jul 2018 11:40

Instrument :
BNA_G
ClientSampleId :
PB111188BL

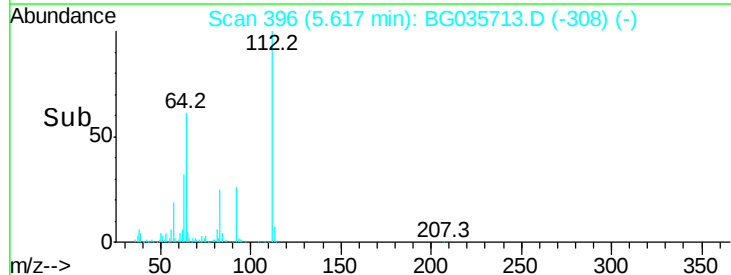
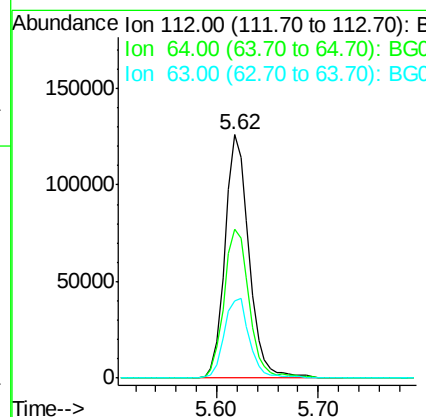
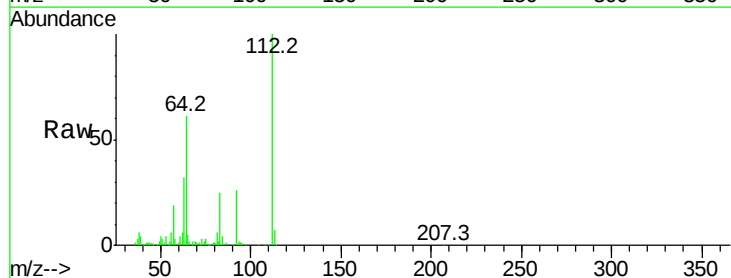
Tot Ion:152 Resp: 42336
Ion Ratio Lower Upper
152 100
150 147.6 126.6 189.8
115 58.6 53.0 79.4

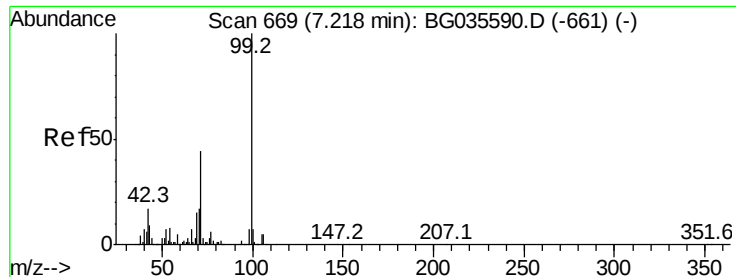


#5

2-Fluorophenol
Concen: 81.209 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG035713.D
Acq: 18 Jul 2018 11:40

Tgt Ion:112 Resp: 207083
Ion Ratio Lower Upper
112 100
64 61.1 56.3 84.5
63 31.6 30.1 45.1





#7

Phenol-d6

Concen: 76.020 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG035713.D

Acq: 18 Jul 2018 11:40

Instrument :

BNA_G

ClientSampleId :

PB111188BL

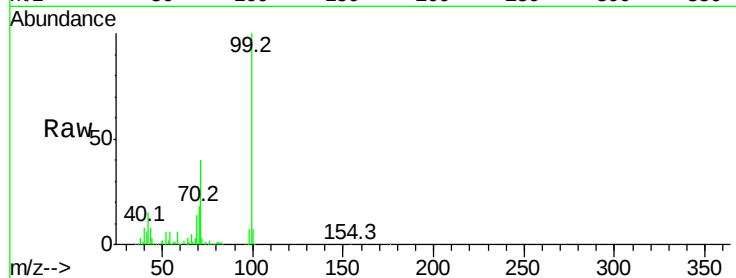
Tot Ion: 99 Resp: 289224

Ion Ratio Lower Upper

99 100

42 14.7 14.1 21.1

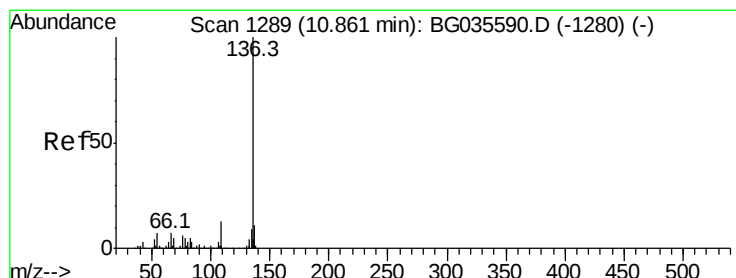
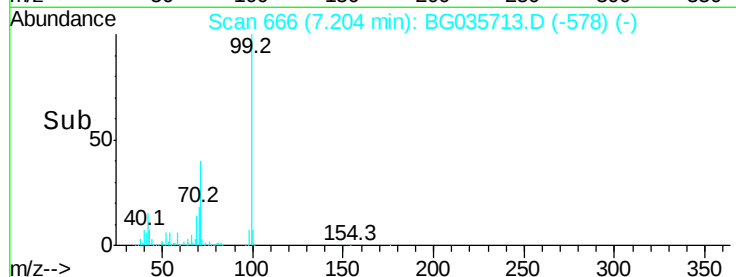
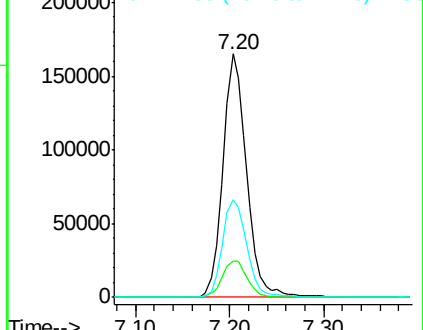
71 40.0 26.1 39.1#



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: 10.84 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BG035713.D

Acq: 18 Jul 2018 11:40

Tgt Ion: 136 Resp: 153511

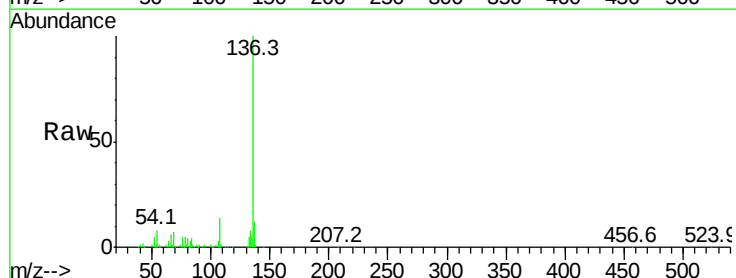
Ion Ratio Lower Upper

136 100

137 12.1 9.2 13.8

54 7.8 10.3 15.5#

68 6.8 4.5 6.7#

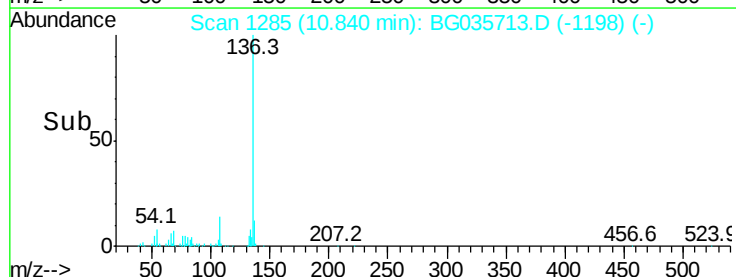
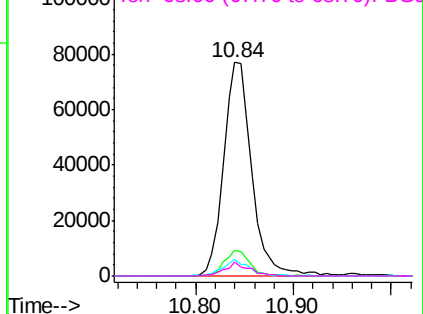


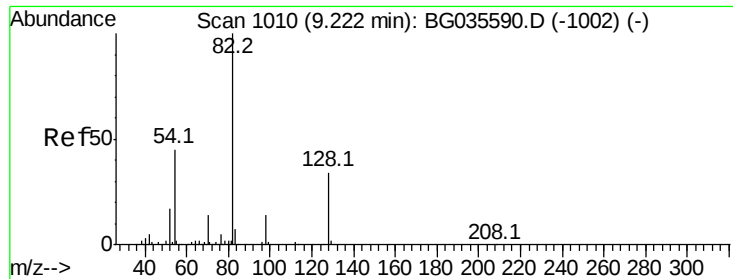
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

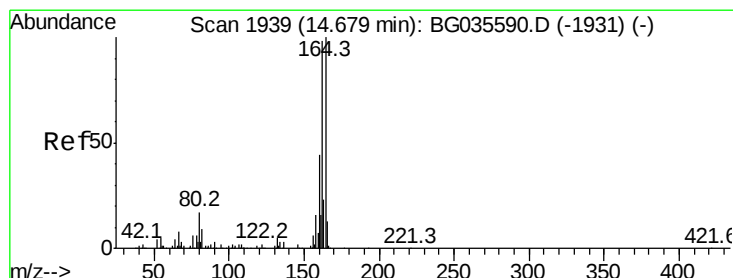
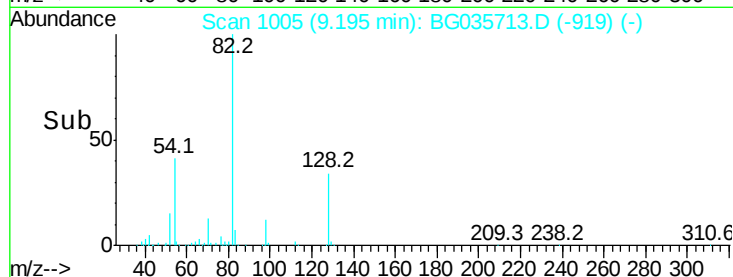
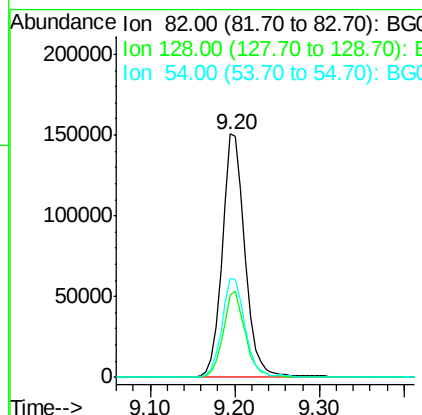
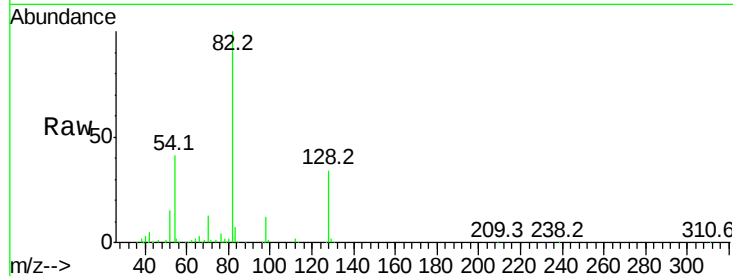




#23
 Nitrobenzene-d5
 Concen: 76.732 ng
 RT: 9.20 min Scan# 1005
 Delta R.T. -0.03 min
 Lab File: BG035713.D
 Acq: 18 Jul 2018 11:40

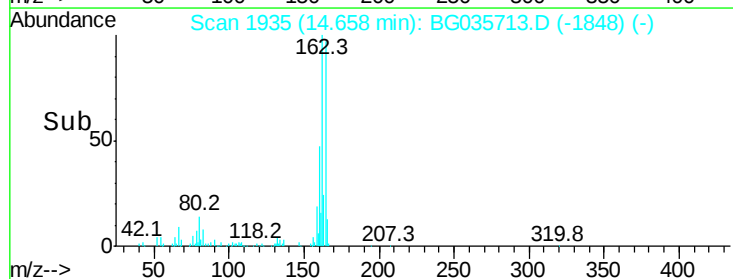
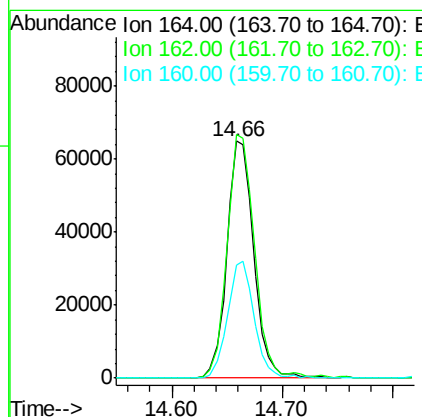
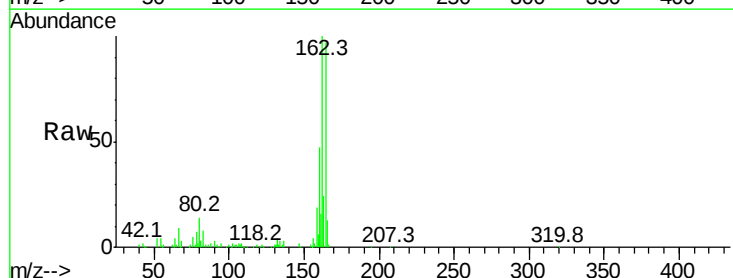
Instrument :
 BNA_G
 ClientSampleId :
 PB111188BL

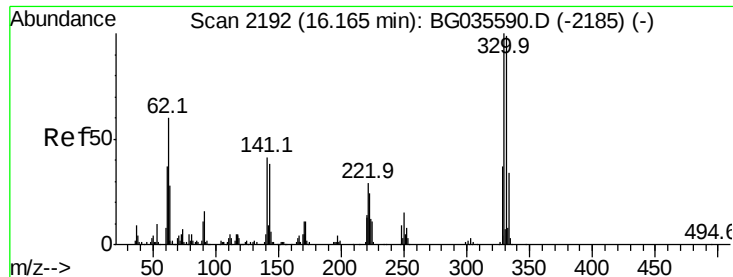
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.6	29.7	44.5
54	40.8	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. -0.02 min
 Lab File: BG035713.D
 Acq: 18 Jul 2018 11:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	78.8	118.2
160	47.9	35.4	53.0

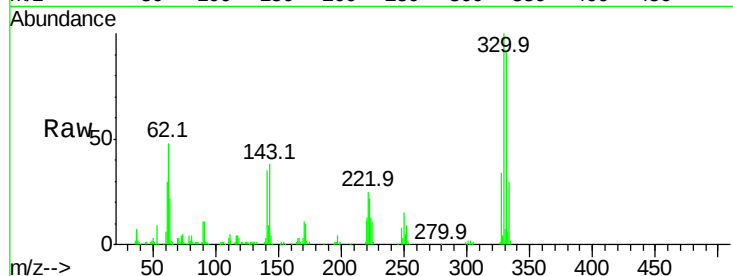




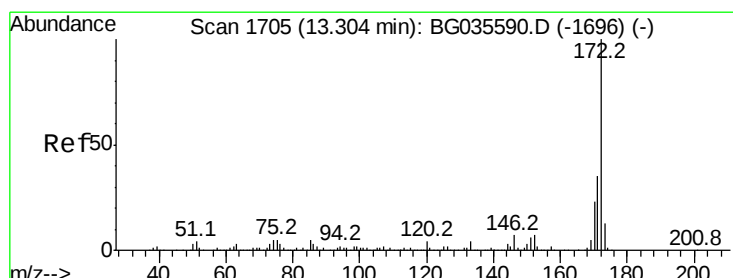
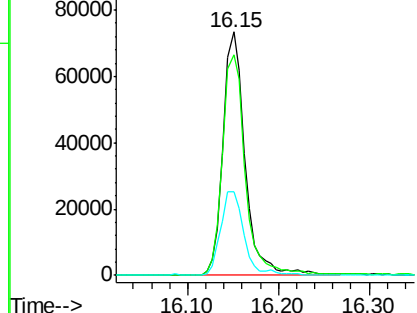
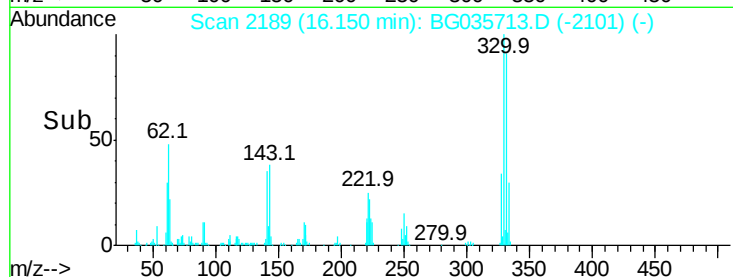
#41
 2,4,6-Tribromophenol
 Concen: 84.924 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.01 min
 Lab File: BG035713.D
 Acq: 18 Jul 2018 11:40

Instrument :
 BNA_G
 ClientSampleId :
 PB111188BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.5	77.0	115.6
141	36.7	25.2	37.8

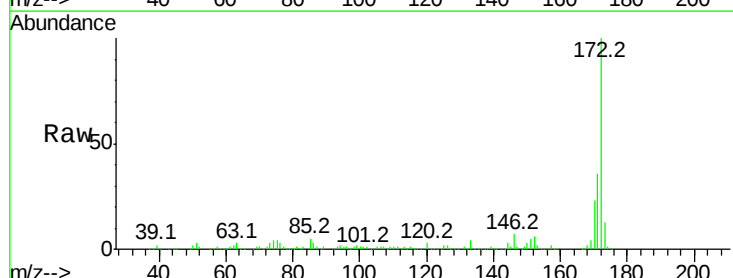


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

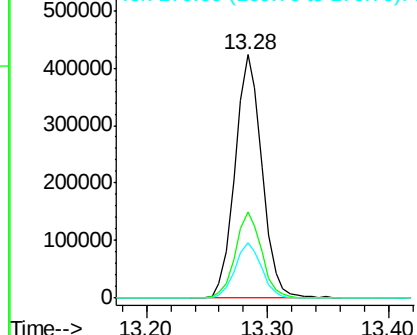
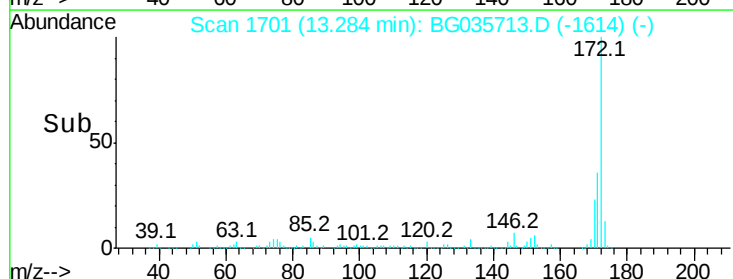


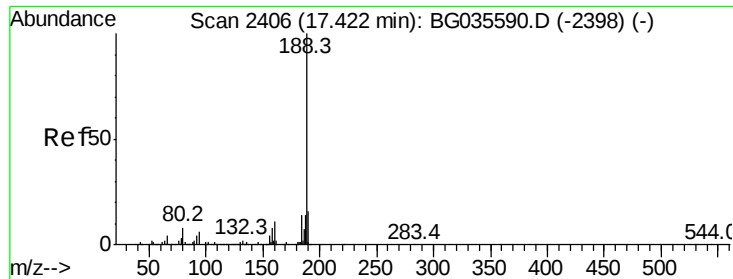
#44
 2-Fluorobiphenyl
 Concen: 79.712 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG035713.D
 Acq: 18 Jul 2018 11:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.0	45.0
170	22.7	19.5	29.3



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: BG035713.D

Acq: 18 Jul 2018 11:40

Instrument :

BNA_G

ClientSampled :

PB111188BL

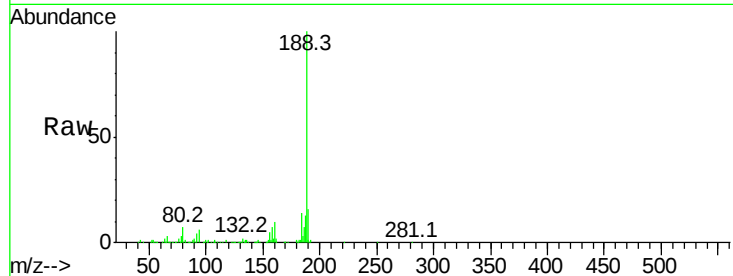
Tot Ion:188 Resp: 335070

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

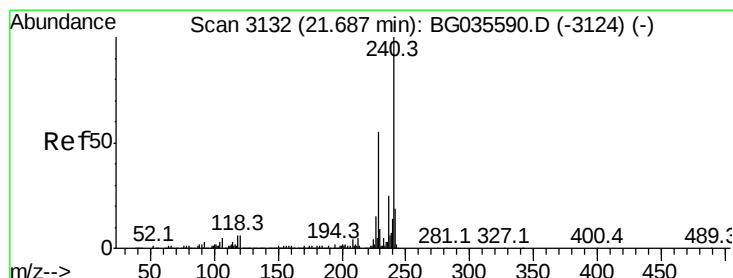
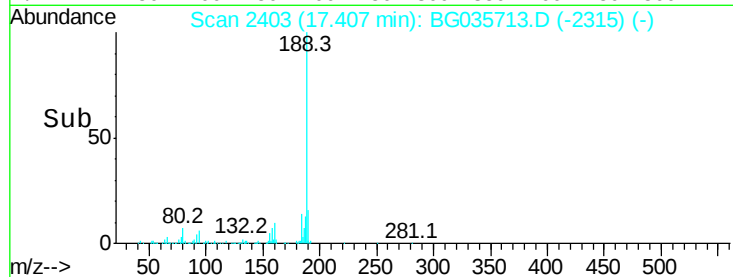
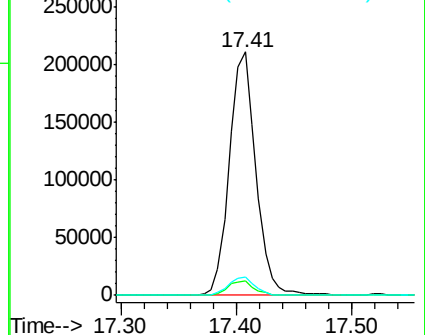
80 7.5 7.7 11.5#



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: 21.67 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BG035713.D

Acq: 18 Jul 2018 11:40

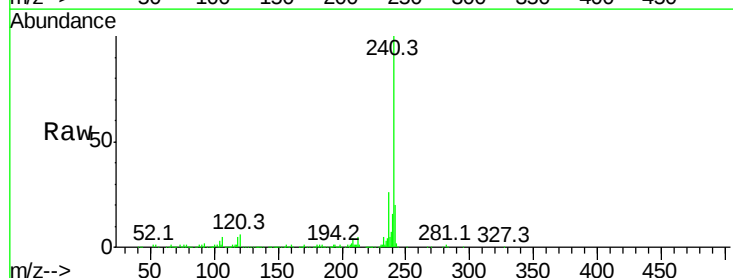
Tgt Ion:240 Resp: 390772

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

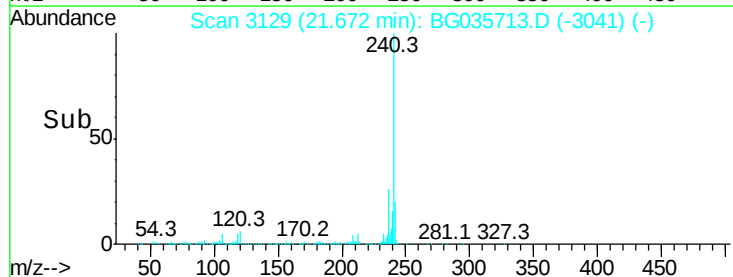
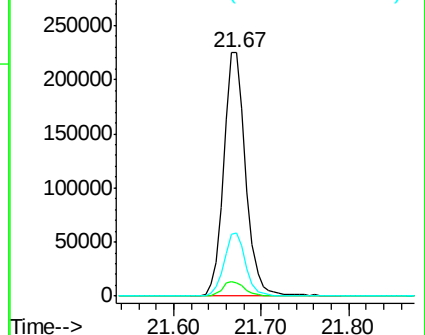
236 26.1 20.9 31.3

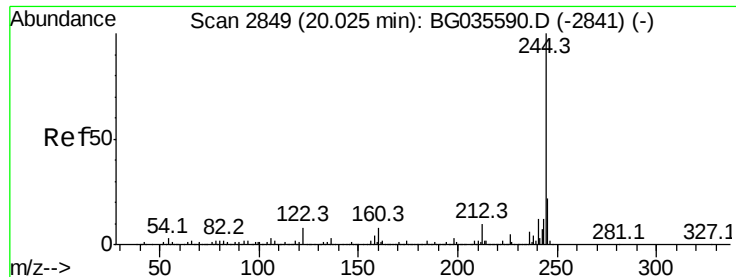


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.586 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BG035713.D

Acq: 18 Jul 2018 11:40

Instrument :

BNA_G

ClientSampleId :

PB111188BL

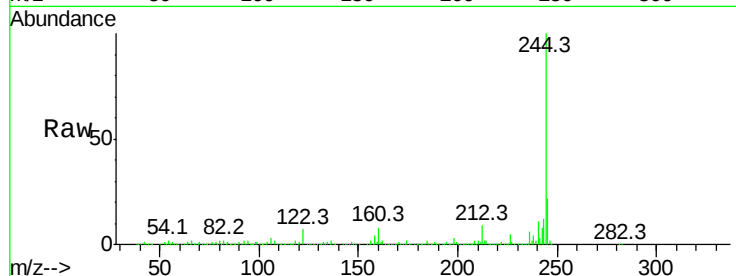
Tot Ion:244 Resp: 1286786

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

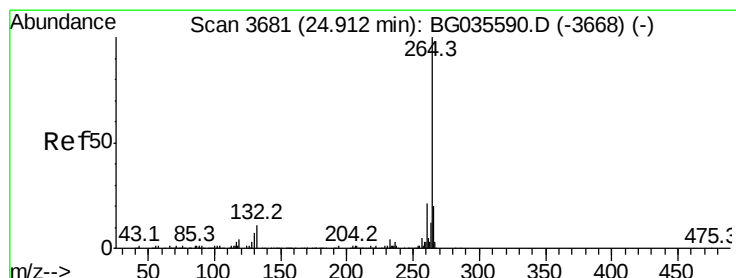
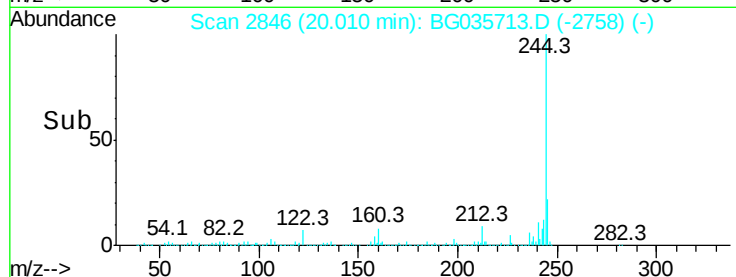
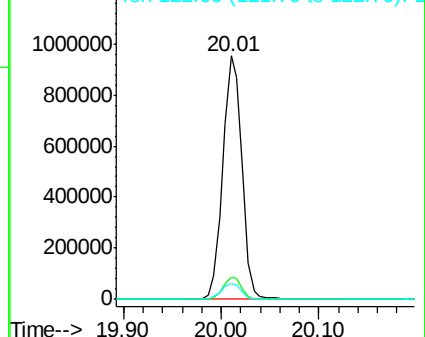
122 6.6 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.88 min Scan# 3675

Delta R.T. -0.03 min

Lab File: BG035713.D

Acq: 18 Jul 2018 11:40

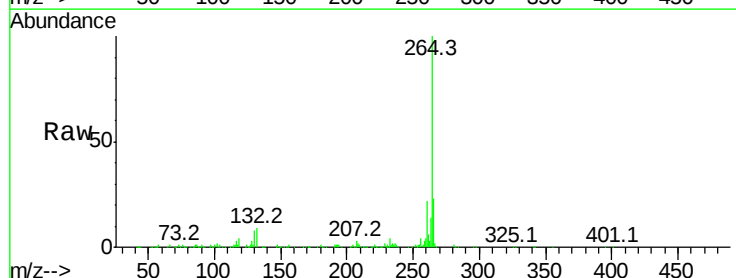
Tgt Ion:264 Resp: 372474

Ion Ratio Lower Upper

264 100

260 22.4 17.4 26.0

265 23.4 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

