

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
 Data File : BG027223.D
 Acq On : 5 Jun 2017 21:52
 Operator : SJ/MA
 Sample : PB99457TB
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB99457TB

Quant Time: Jun 06 04:05:08 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	45510	20.00	ng	0.00
21) Naphthalene-d8	11.39	136	214222	20.00	ng	0.00
38) Acenaphthene-d10	15.15	164	145887	20.00	ng	0.00
63) Phenanthrene-d10	17.90	188	370127	20.00	ng	-0.01
75) Chrysene-d12	22.30	240	385568	20.00	ng	-0.01
86) Perylene-d12	26.00	264	364983	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	433777	145.45	ng	0.00
7) Phenol-d6	7.70	99	595221	135.96	ng	0.00
23) Nitrobenzene-d5	9.73	82	298613	87.66	ng	0.00
41) 2,4,6-Tribromophenol	16.64	330	257635	134.11	ng	0.00
44) 2-Fluorobiphenyl	13.78	172	864737	82.92	ng	0.00
78) Terphenyl-d14	20.49	244	1336845	88.45	ng	0.00

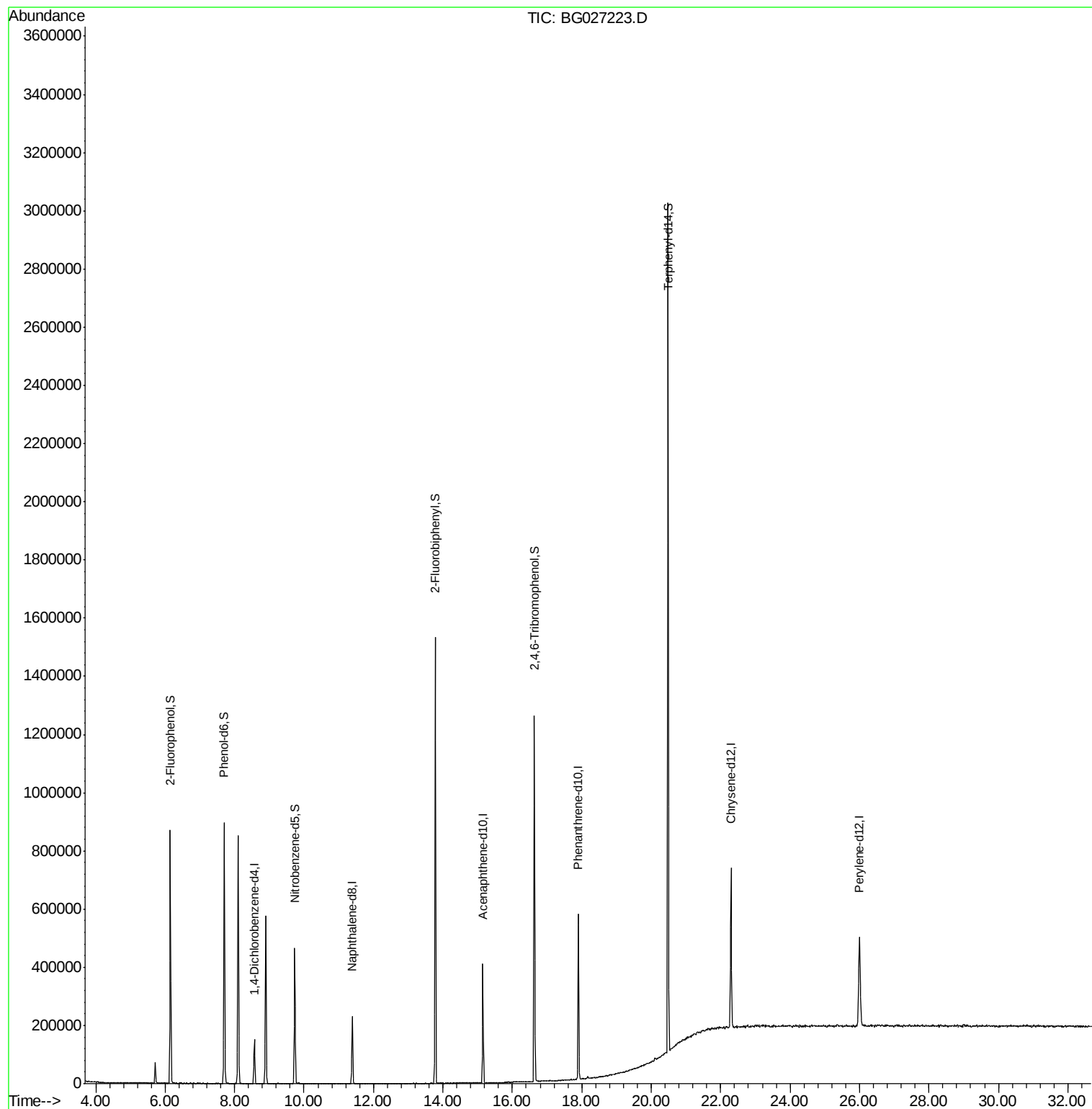
Target Compounds Qvalue

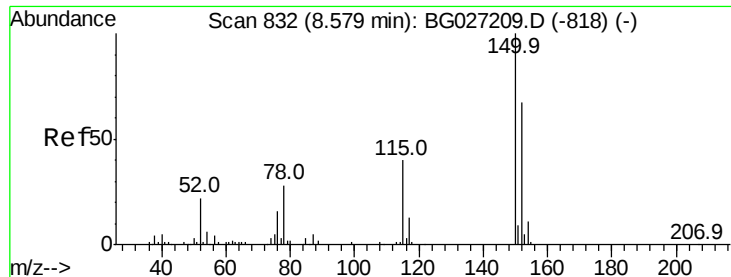
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.57 min Scan# 831

Delta R.T. -0.01 min

Lab File: BG027223.D

Acq: 5 Jun 2017 21:52

Instrument :

BNA_G

ClientSampleId :

PB99457TB

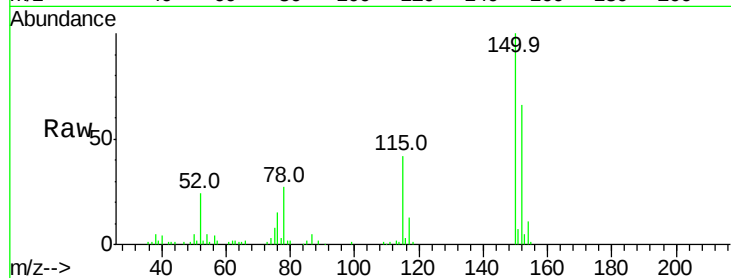
Tot Ion:152 Resp: 45510

Ion Ratio Lower Upper

152 100

150 151.4 114.0 171.0

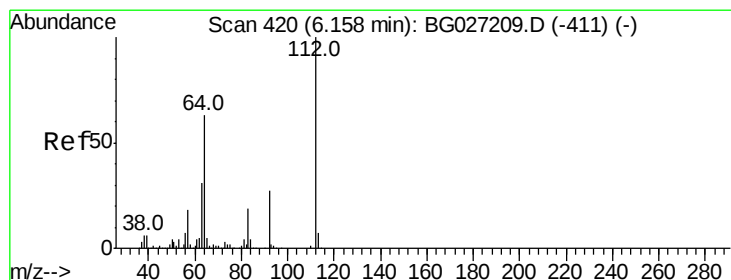
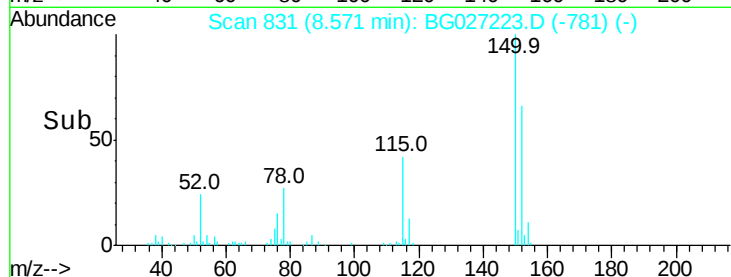
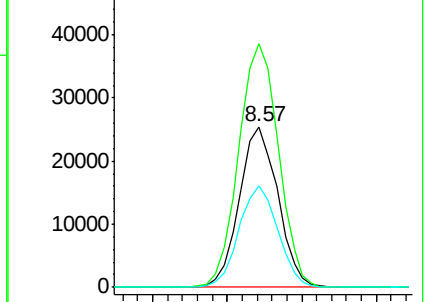
115 63.0 48.1 72.1



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: 145.45 ng

RT: 6.15 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG027223.D

Acq: 5 Jun 2017 21:52

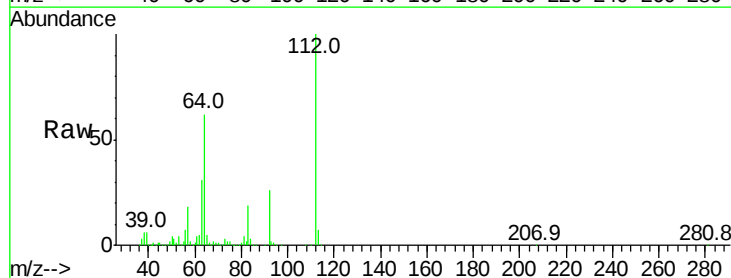
Tgt Ion:112 Resp: 433777

Ion Ratio Lower Upper

112 100

64 62.3 61.8 92.6

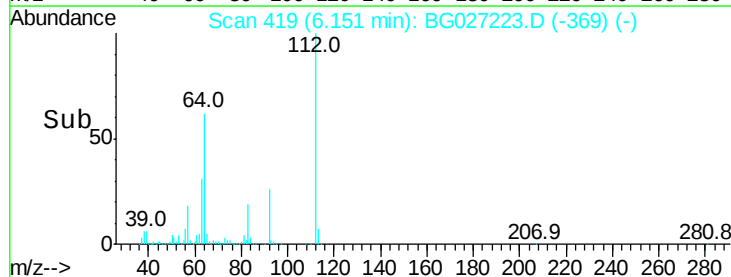
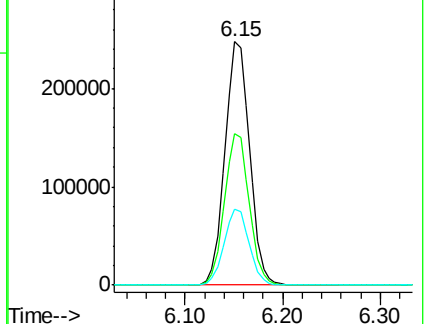
63 31.0 37.2 55.8#

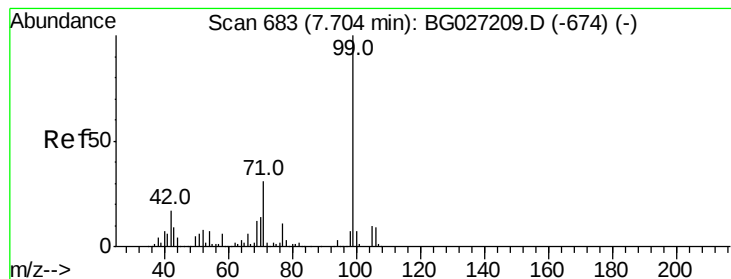


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 135.96 ng

RT: 7.70 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG027223.D

Acq: 5 Jun 2017 21:52

Instrument :

BNA_G

ClientSampleId :

PB99457TB

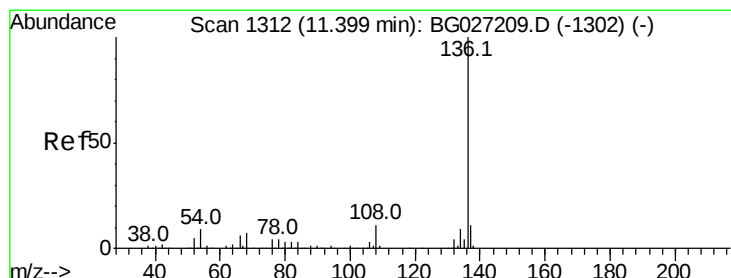
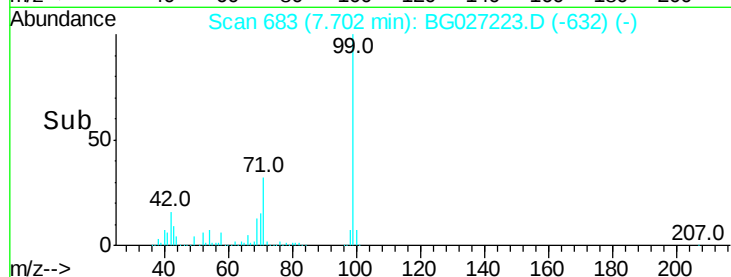
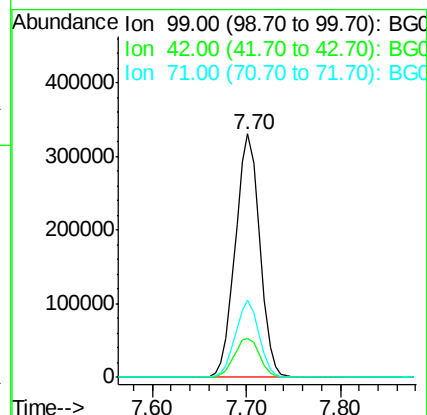
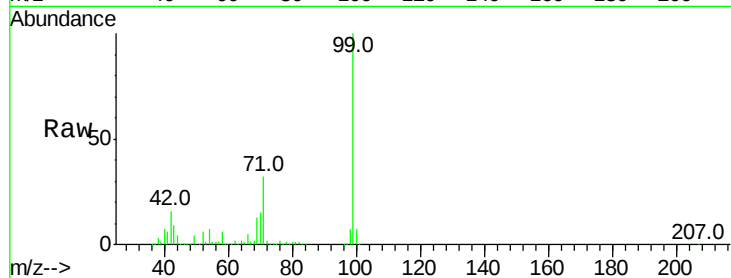
Tot Ion: 99 Resp: 595221

Ion Ratio Lower Upper

99 100

42 16.1 20.5 30.7#

71 31.6 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.39 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BG027223.D

Acq: 5 Jun 2017 21:52

Tgt Ion: 136 Resp: 214222

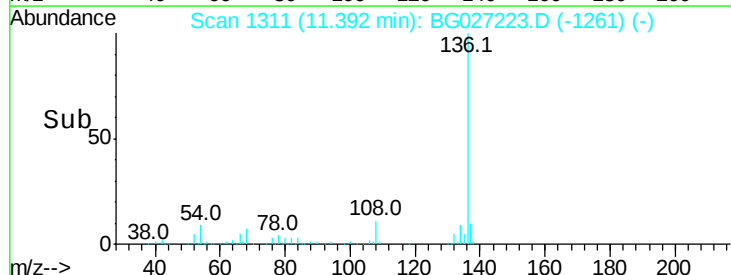
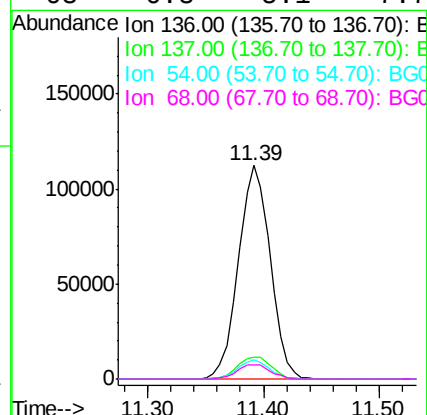
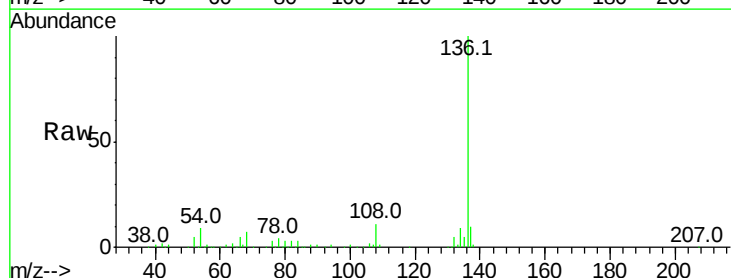
Ion Ratio Lower Upper

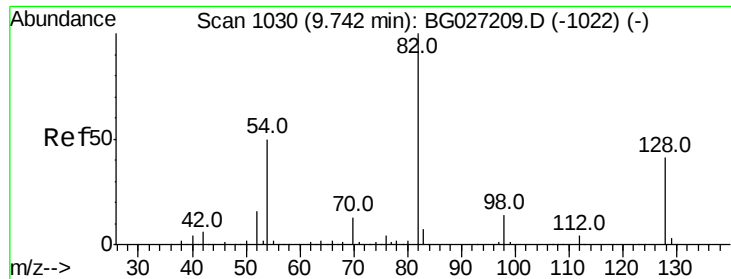
136 100

137 10.1 8.9 13.3

54 9.0 9.3 13.9#

68 6.8 5.1 7.7

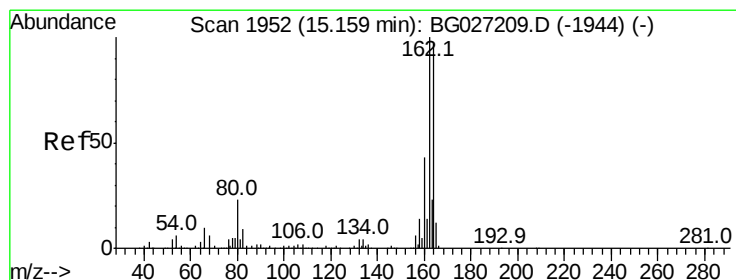
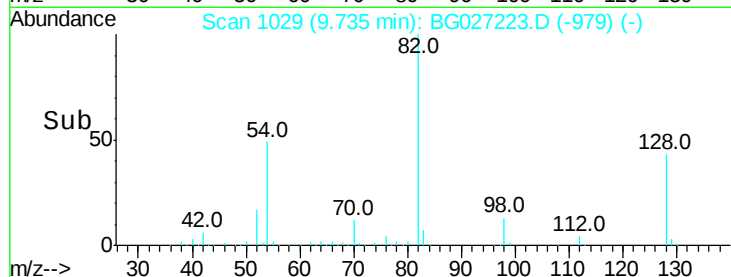
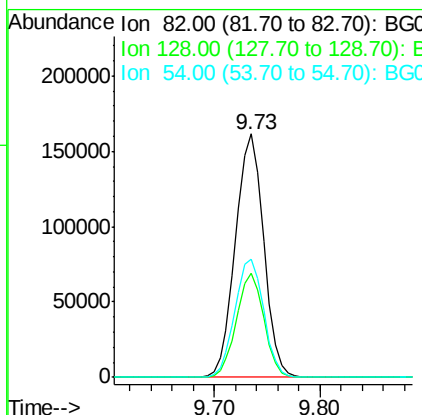
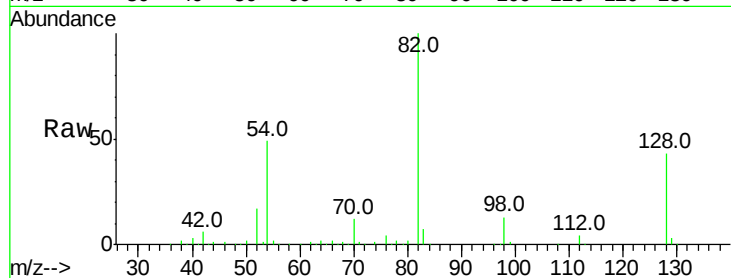




#23
 Nitrobenzene-d5
 Concen: 87.66 ng
 RT: 9.73 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG027223.D
 Acq: 5 Jun 2017 21:52

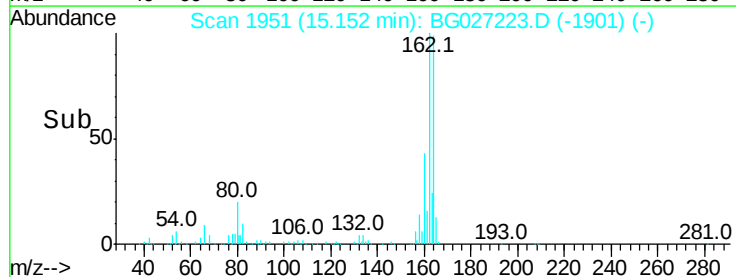
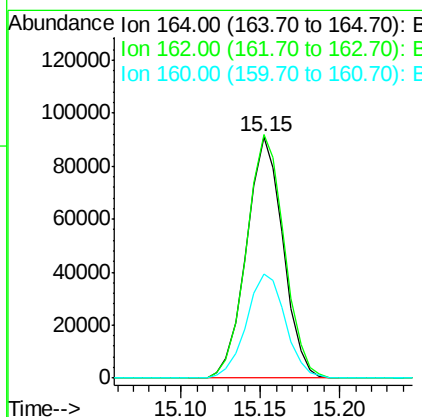
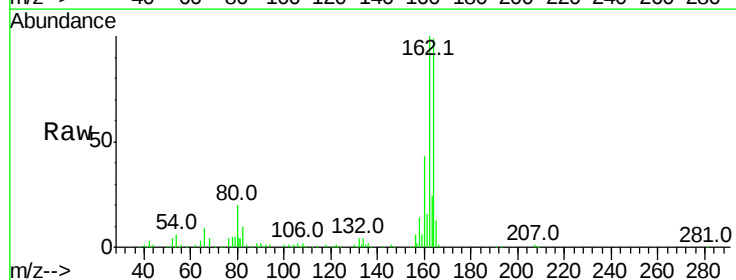
Instrument :
 BNA_G
 ClientSampleId :
 PB99457TB

Tot Ion	82	Resp	298613
Ion	Ratio	Lower	Upper
82	100		
128	42.7	26.4	39.6#
54	48.7	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: BG027223.D
 Acq: 5 Jun 2017 21:52

Tgt Ion	164	Resp	145887
Ion	Ratio	Lower	Upper
164	100		
162	100.9	85.1	127.7
160	43.4	34.7	52.1

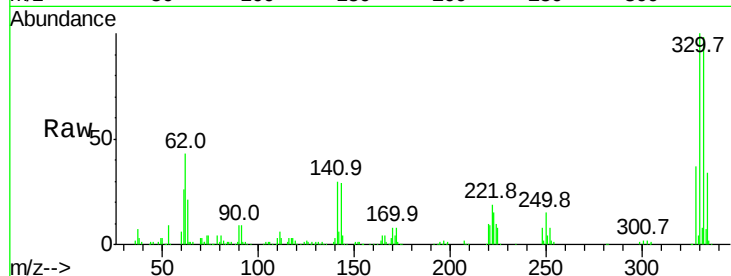




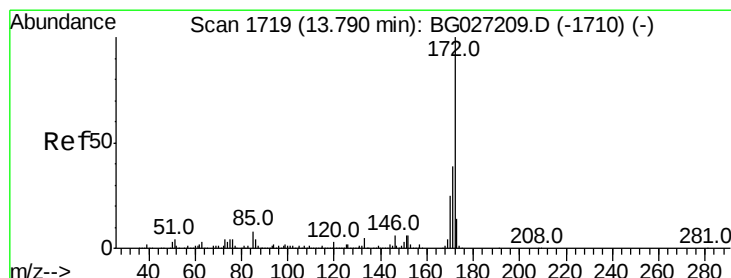
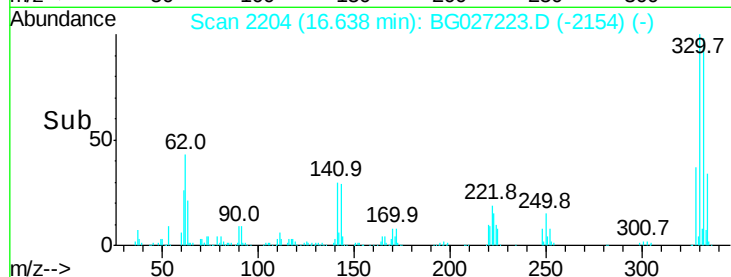
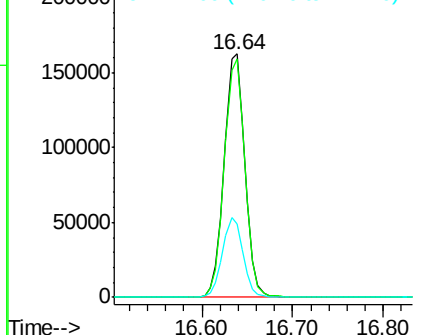
#41
 2,4,6-Tribromophenol
 Concen: 134.11 ng
 RT: 16.64 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG027223.D
 Acq: 5 Jun 2017 21:52

Instrument :
 BNA_G
 ClientSampleId :
 PB99457TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.3	115.9
141	32.4	32.1	48.1

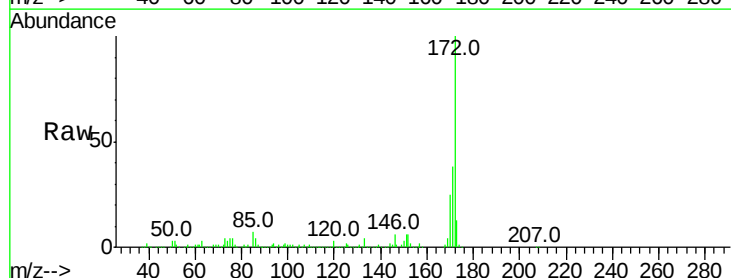


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

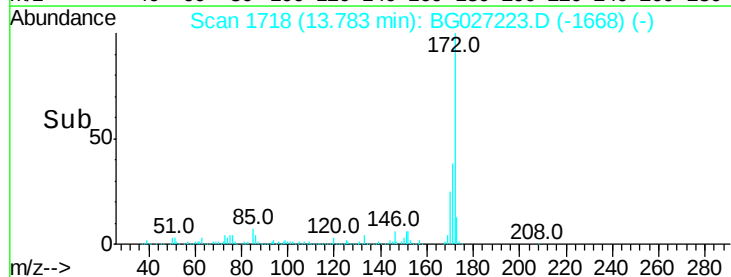
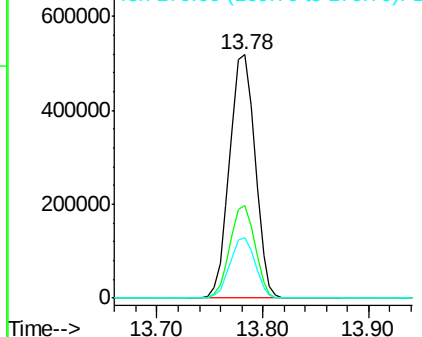


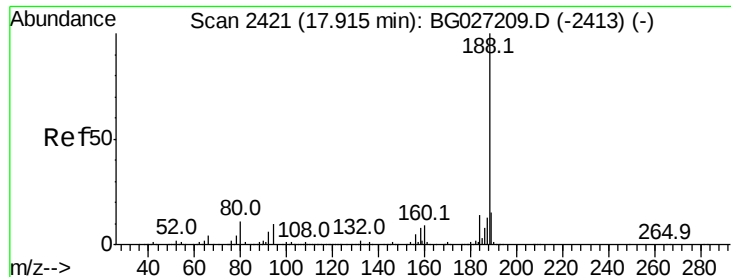
#44
 2-Fluorobiphenyl
 Concen: 82.92 ng
 RT: 13.78 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG027223.D
 Acq: 5 Jun 2017 21:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	32.2	48.2
170	24.8	21.8	32.6



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

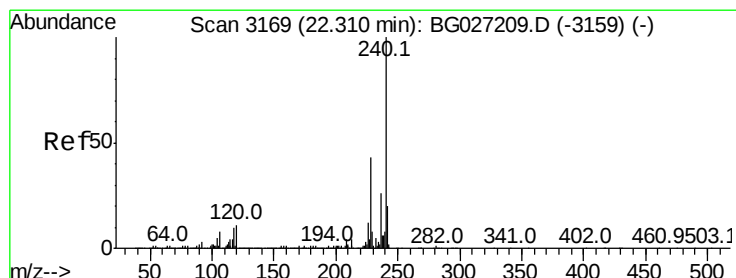
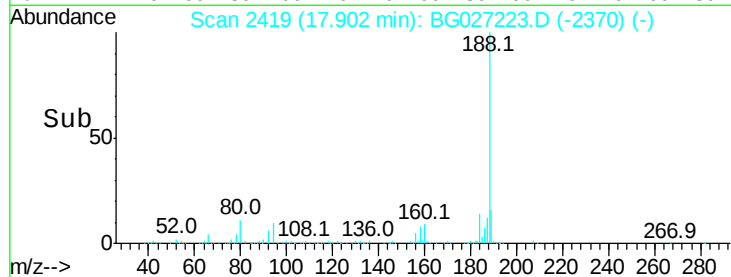
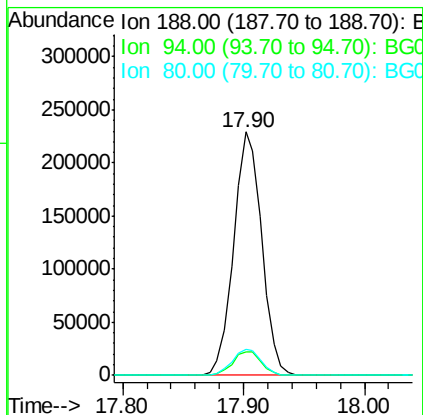
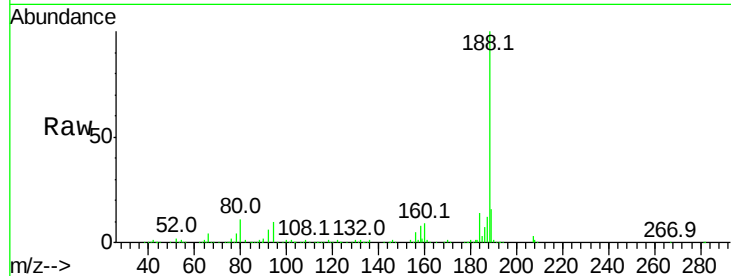




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.90 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG027223.D
Acq: 5 Jun 2017 21:52

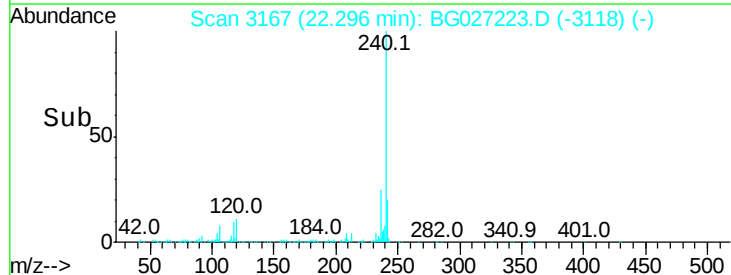
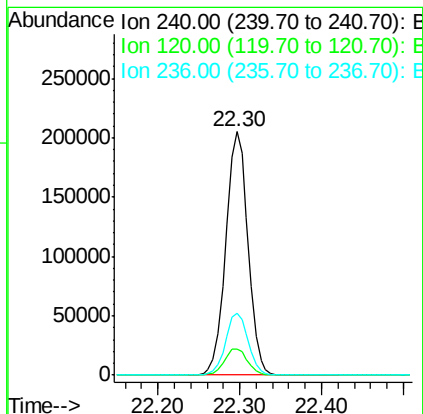
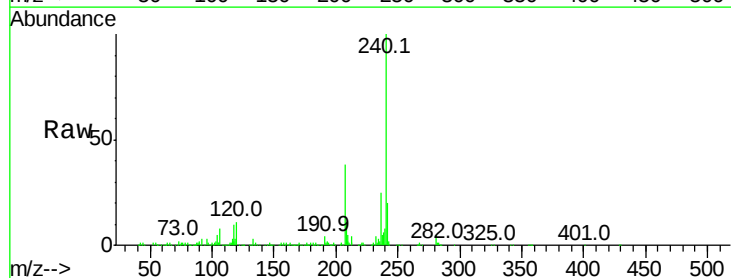
Instrument :
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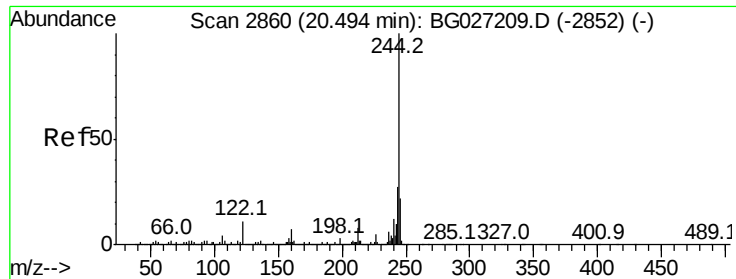
Tot Ion:188 Resp: 370127
Ion Ratio Lower Upper
188 100
94 9.9 5.8 8.8#
80 10.6 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.30 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG027223.D
Acq: 5 Jun 2017 21:52

Tgt Ion:240 Resp: 385568
Ion Ratio Lower Upper
240 100
120 10.9 5.7 8.5#
236 25.4 22.2 33.4





#78

Terphenyl-d14

Concen: 88.45 ng

RT: 20.49 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG027223.D

Acq: 5 Jun 2017 21:52

Instrument :

BNA_G

ClientSampleId :

PB99457TB

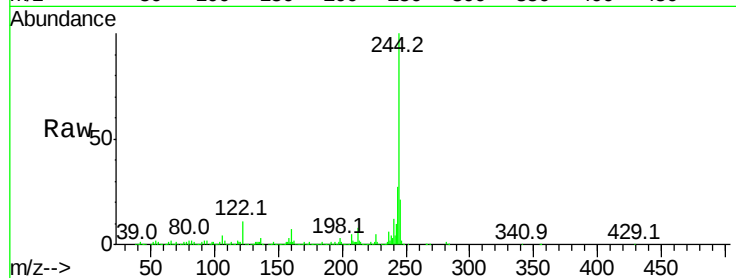
Tot Ion:244 Resp: 1336845

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

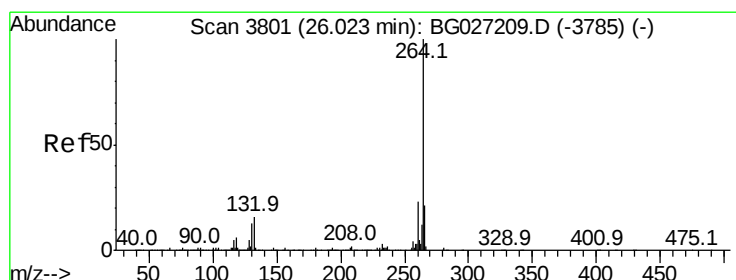
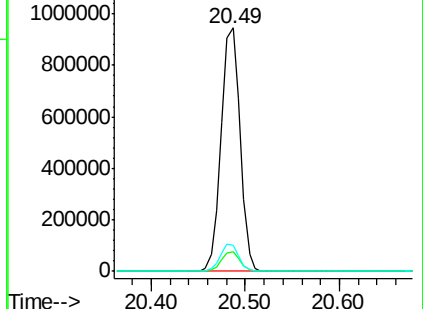
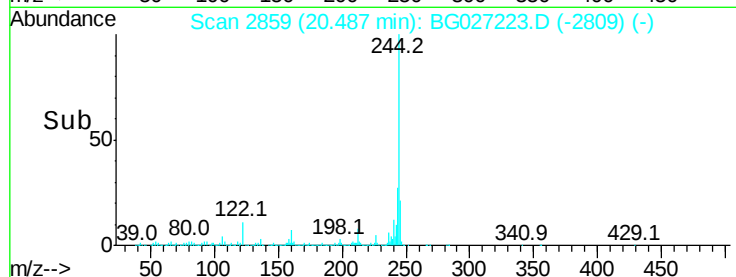
122 10.5 8.6 12.8



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: 20.00 ng

RT: 26.00 min Scan# 3797

Delta R.T. -0.03 min

Lab File: BG027223.D

Acq: 5 Jun 2017 21:52

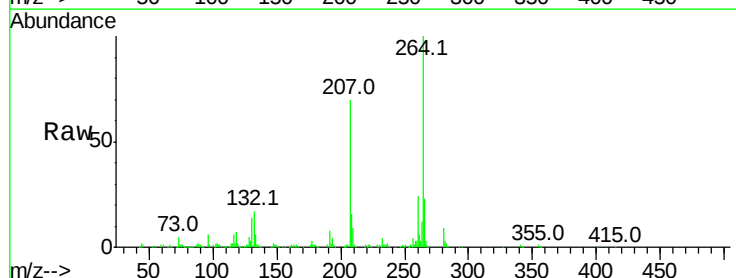
Tgt Ion:264 Resp: 364983

Ion Ratio Lower Upper

264 100

260 23.8 21.8 32.8

265 23.1 18.2 27.4



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

