

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
 Data File : BG027225.D
 Acq On : 5 Jun 2017 23:11
 Operator : SJ/MA
 Sample : PB99436BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 06 04:05:42 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	50111	20.00	ng	0.00
21) Naphthalene-d8	11.39	136	237029	20.00	ng	0.00
38) Acenaphthene-d10	15.15	164	158008	20.00	ng	0.00
63) Phenanthrene-d10	17.90	188	394728	20.00	ng	-0.01
75) Chrysene-d12	22.30	240	437901	20.00	ng	-0.01
86) Perylene-d12	26.00	264	411467	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	524988	159.87	ng	0.00
7) Phenol-d6	7.70	99	725608	150.53	ng	0.00
23) Nitrobenzene-d5	9.73	82	357740	94.92	ng	0.00
41) 2,4,6-Tribromophenol	16.64	330	317322	152.51	ng	0.00
44) 2-Fluorobiphenyl	13.78	172	1037248	91.84	ng	0.00
78) Terphenyl-d14	20.49	244	1619558	94.35	ng	0.00

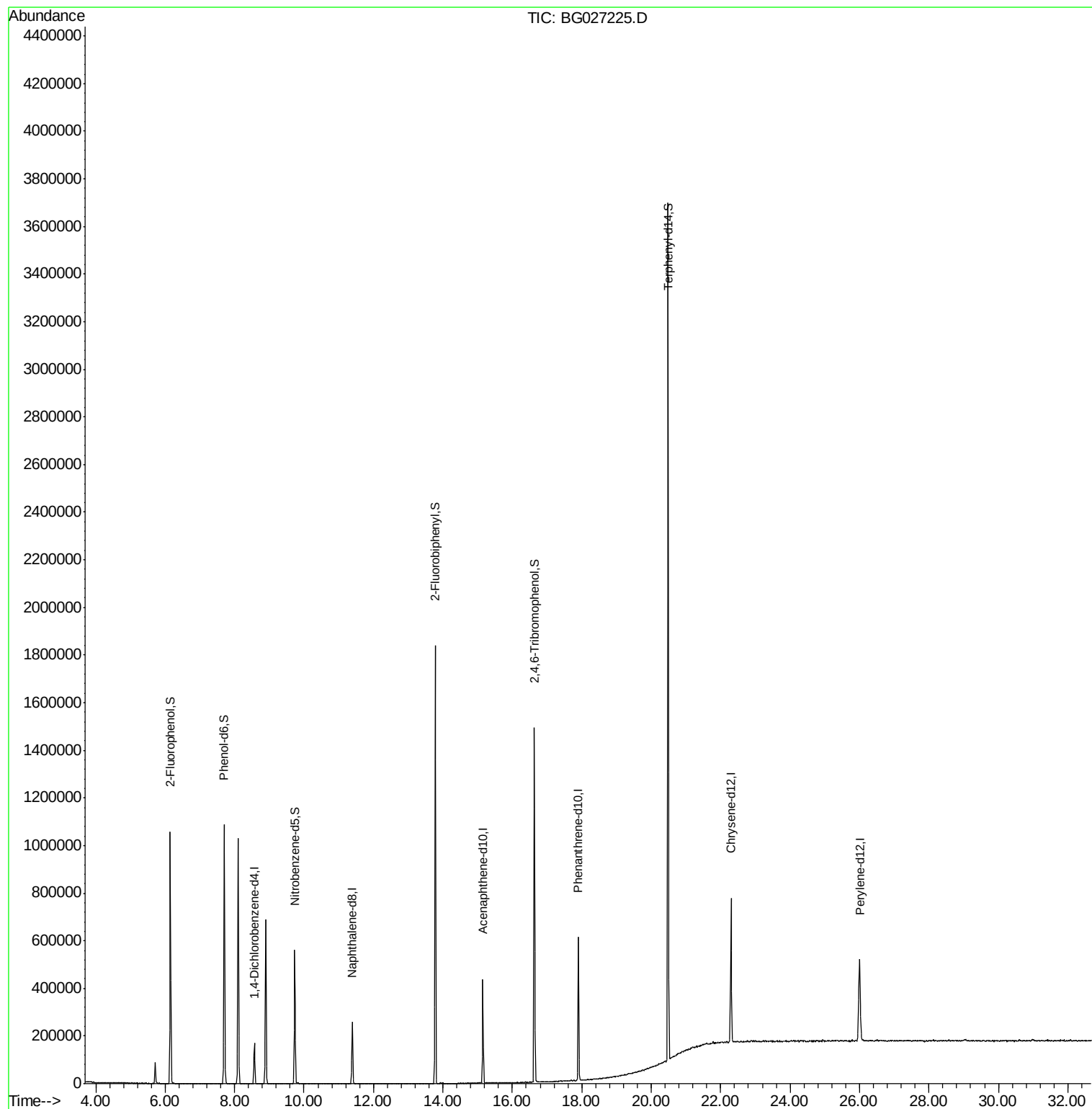
Target Compounds Qvalue

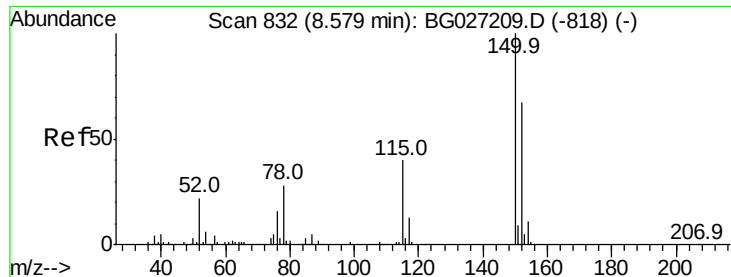
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG027225.D

Acq: 5 Jun 2017 23:11

Instrument :

BNA_G

ClientSampleId :

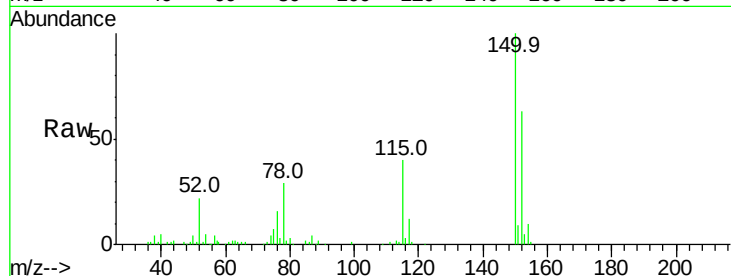
Tot Ion:152 Resp: 50111

Ion Ratio Lower Upper

152 100

150 158.9 114.0 171.0

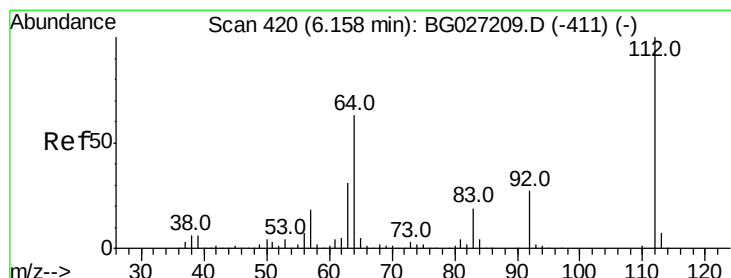
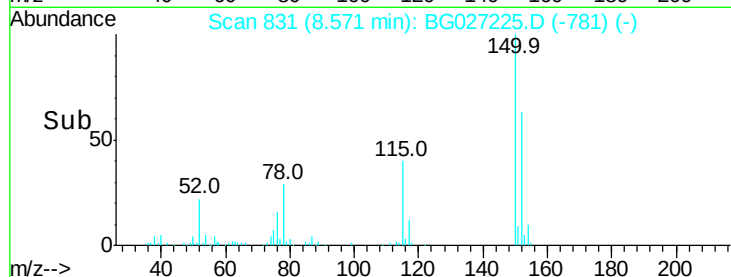
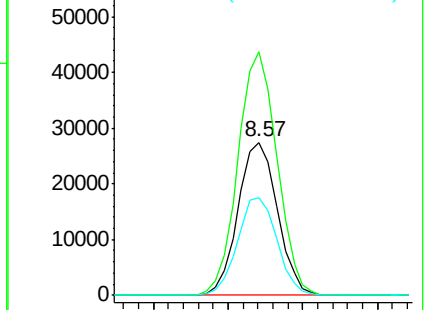
115 63.4 48.1 72.1



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: 159.87 ng

RT: 6.15 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG027225.D

Acq: 5 Jun 2017 23:11

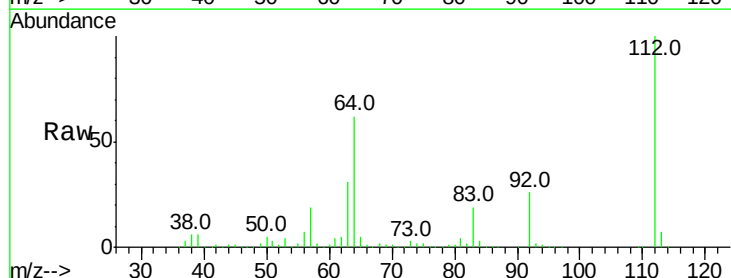
Tgt Ion:112 Resp: 524988

Ion Ratio Lower Upper

112 100

64 61.8 61.8 92.6

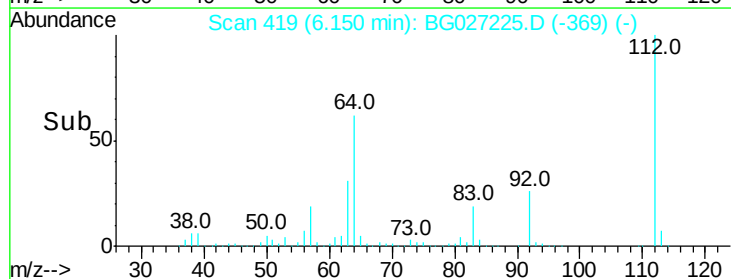
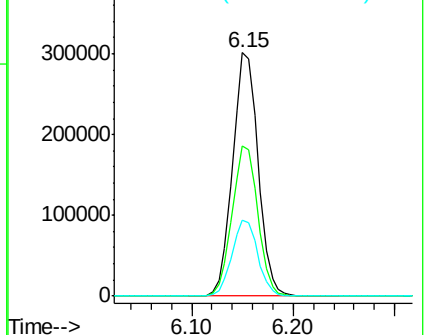
63 31.2 37.2 55.8#

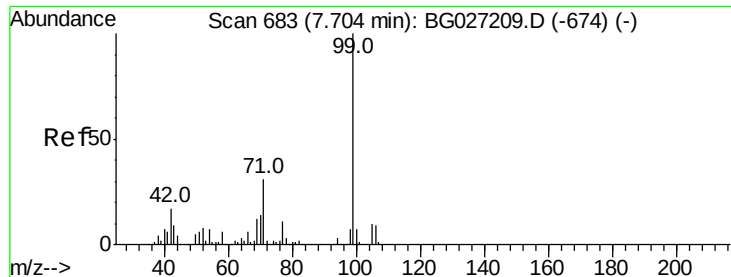


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 150.53 ng

RT: 7.70 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG027225.D

Acq: 5 Jun 2017 23:11

Instrument :

BNA_G

ClientSampleId :

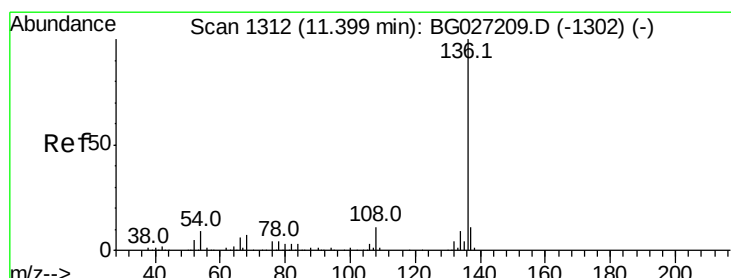
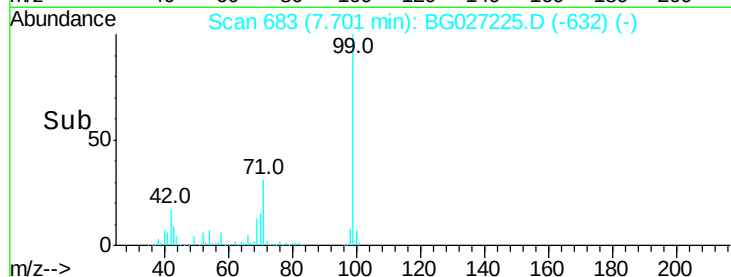
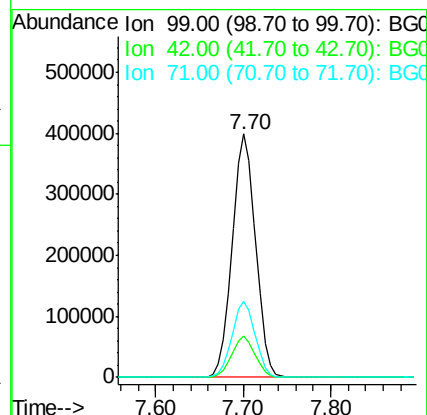
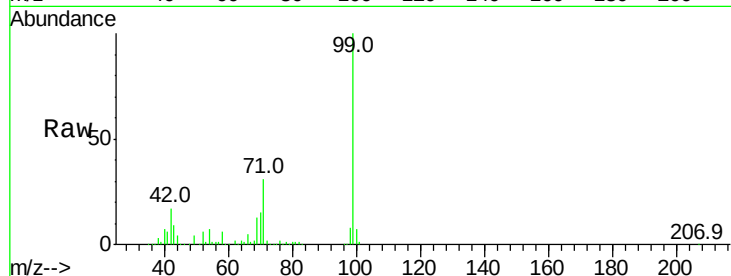
Tot Ion: 99 Resp: 725608

Ion Ratio Lower Upper

99 100

42 16.7 20.5 30.7#

71 31.1 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: BG027225.D

Acq: 5 Jun 2017 23:11

Tgt Ion: 136 Resp: 237029

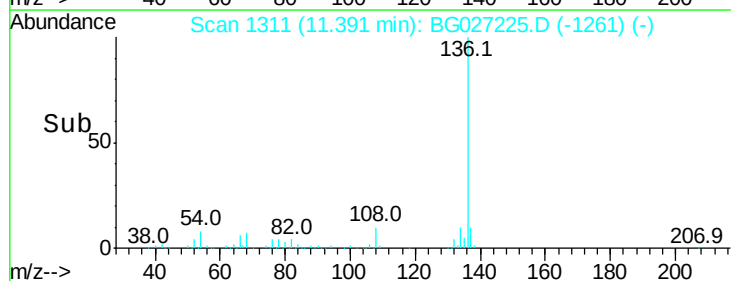
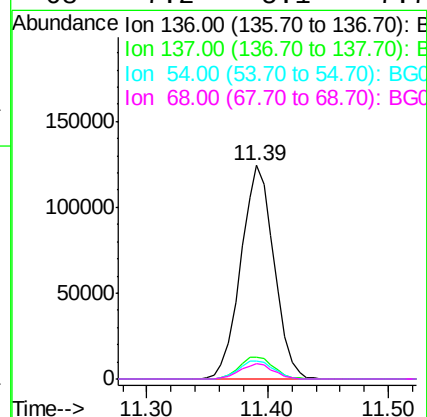
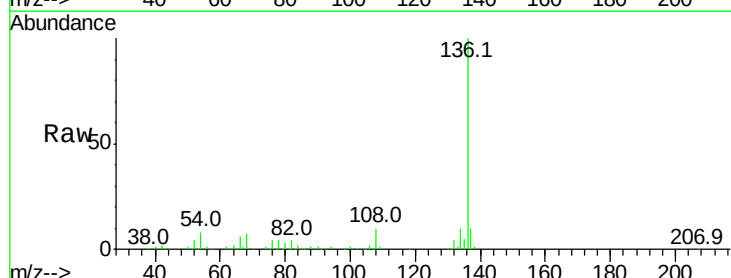
Ion Ratio Lower Upper

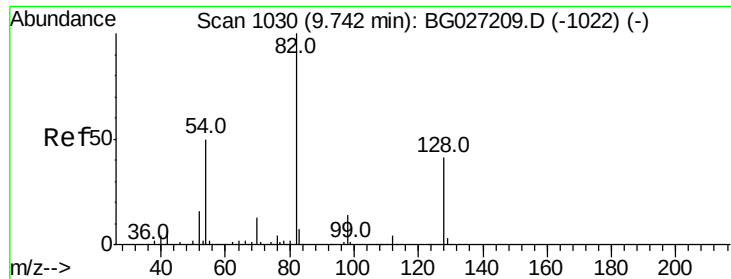
136 100

137 10.4 8.9 13.3

54 8.4 9.3 13.9#

68 7.2 5.1 7.7

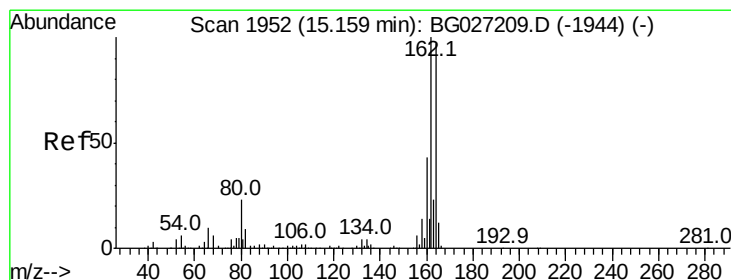
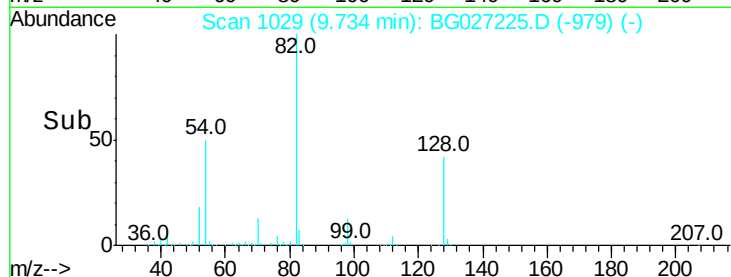
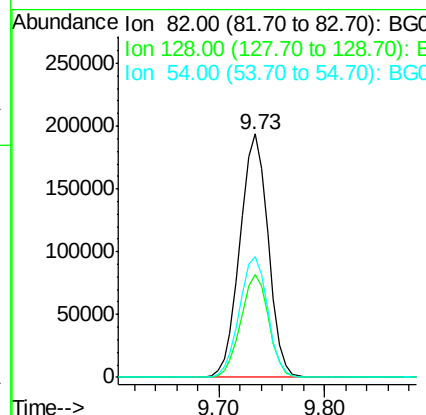
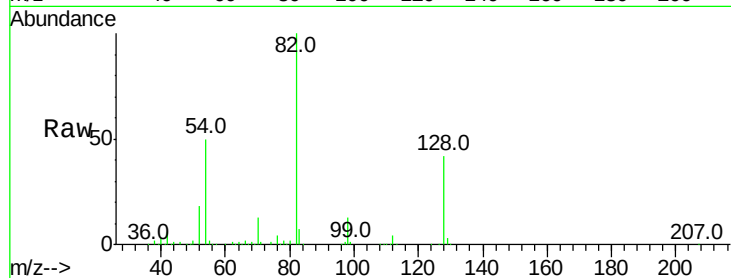




#23
Nitrobenzene-d5
Concen: 94.92 ng
RT: 9.73 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG027225.D
Acq: 5 Jun 2017 23:11

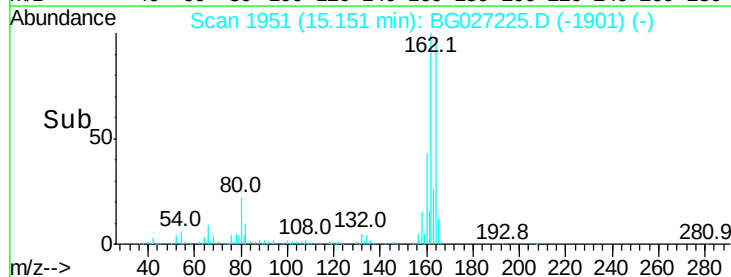
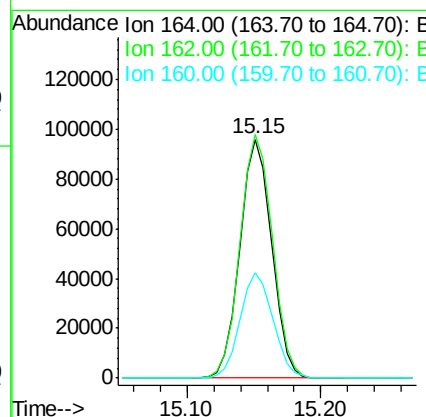
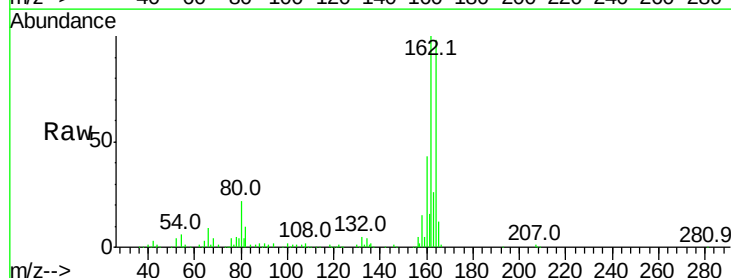
Instrument :
BNA_G
ClientSampleId :

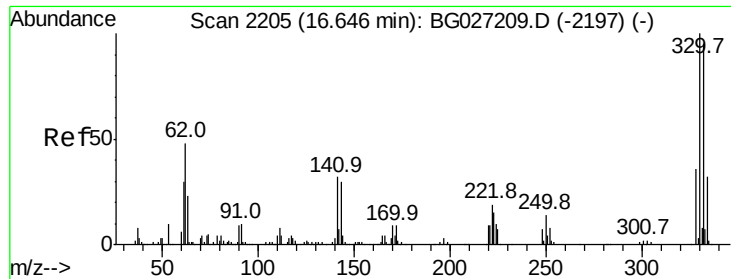
Tot Ion: 82 Resp: 357740
Ion Ratio Lower Upper
82 100
128 42.3 26.4 39.6#
54 49.5 49.4 74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.15 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG027225.D
Acq: 5 Jun 2017 23:11

Tgt Ion:164 Resp: 158008
Ion Ratio Lower Upper
164 100
162 101.8 85.1 127.7
160 44.2 34.7 52.1

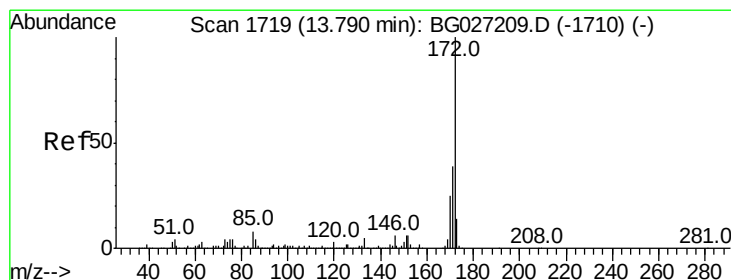
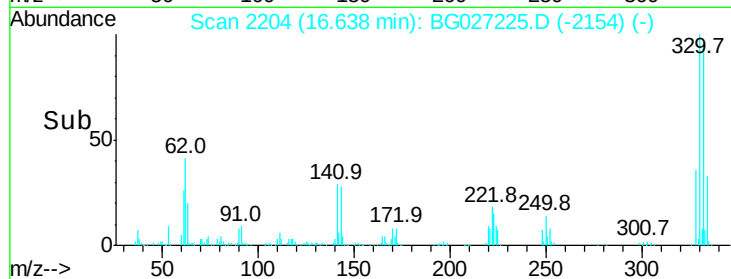
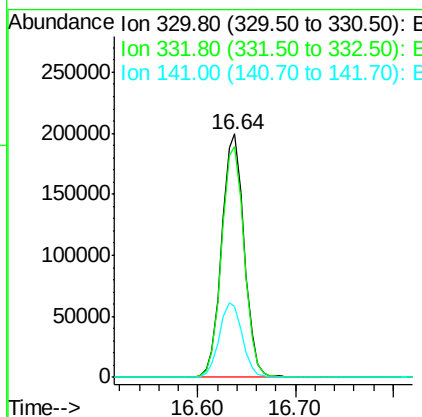
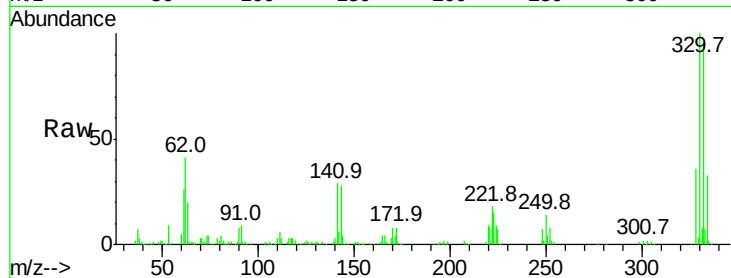




#41
 2,4,6-Tribromophenol
 Concen: 152.51 ng
 RT: 16.64 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG027225.D
 Acq: 5 Jun 2017 23:11

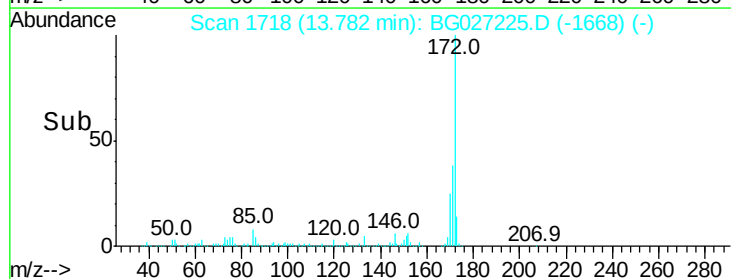
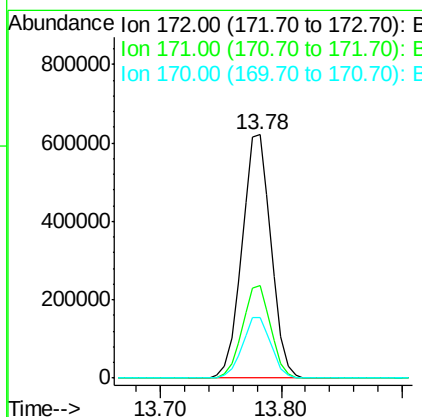
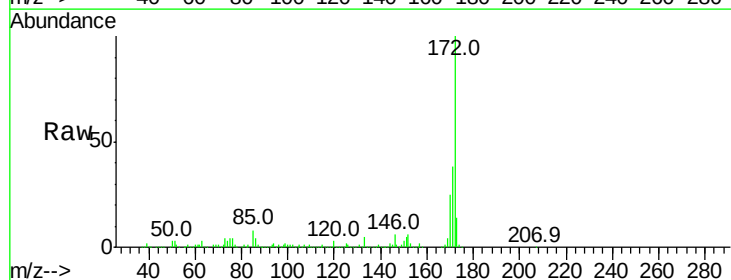
Instrument :
 BNA_G
 ClientSampleId :

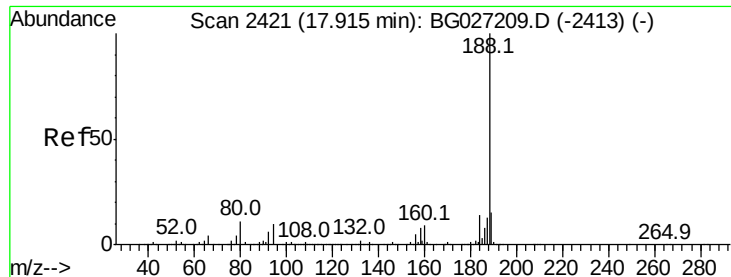
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.3	115.9
141	31.7	32.1	48.1#



#44
 2-Fluorobiphenyl
 Concen: 91.84 ng
 RT: 13.78 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG027225.D
 Acq: 5 Jun 2017 23:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	32.2	48.2
170	24.7	21.8	32.6

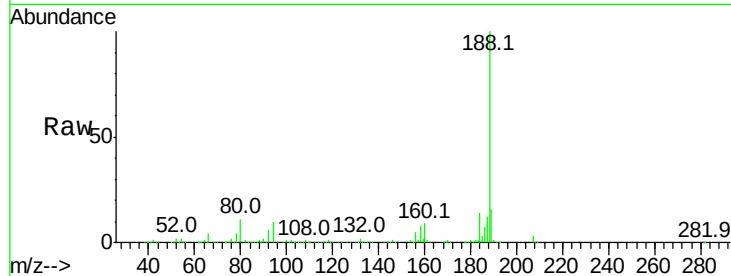




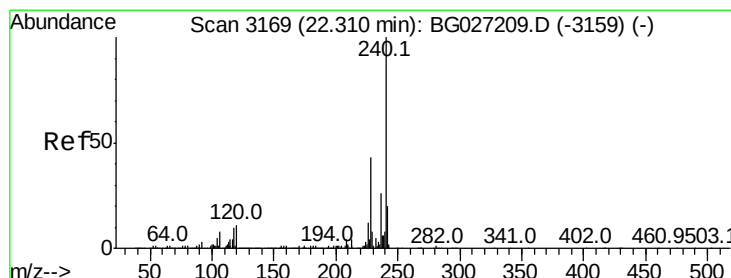
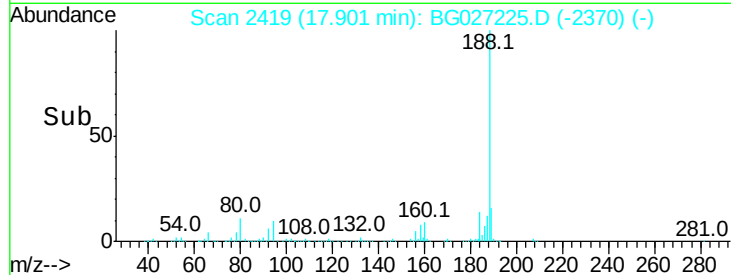
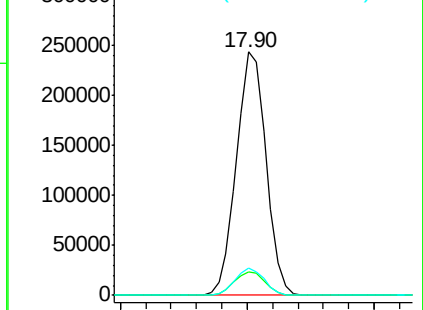
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.90 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG027225.D
Acq: 5 Jun 2017 23:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 394728
Ion Ratio Lower Upper
188 100
94 9.6 5.8 8.8#
80 11.1 7.5 11.3

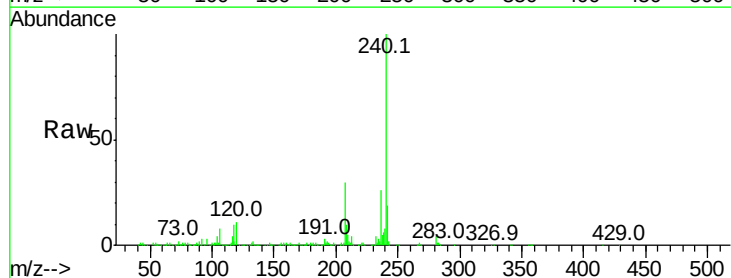


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

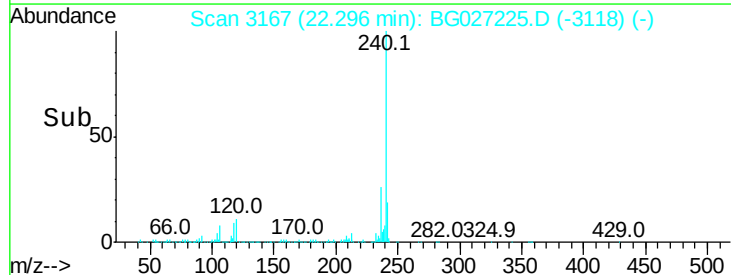
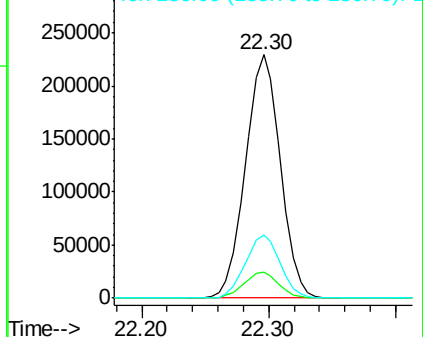


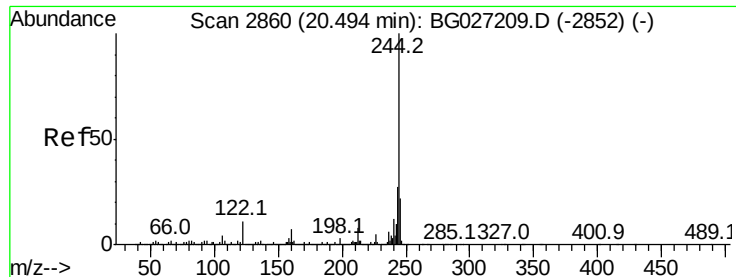
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.30 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG027225.D
Acq: 5 Jun 2017 23:11

Tgt Ion:240 Resp: 437901
Ion Ratio Lower Upper
240 100
120 10.7 5.7 8.5#
236 25.8 22.2 33.4



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: 94.35 ng

RT: 20.49 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG027225.D

Acq: 5 Jun 2017 23:11

Instrument :

BNA_G

ClientSampleId :

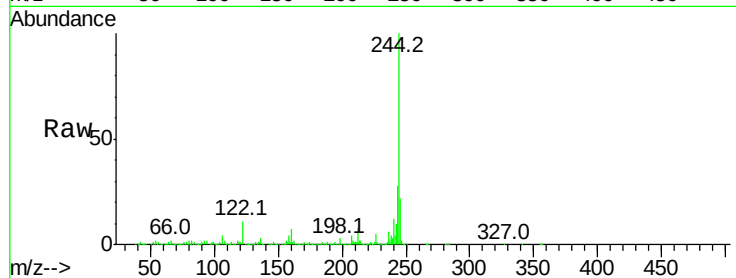
Tot Ion:244 Resp: 1619558

Ion Ratio Lower Upper

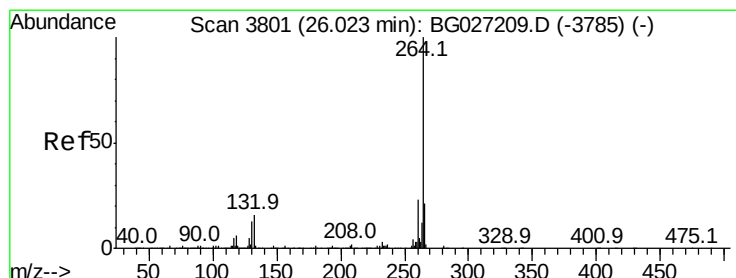
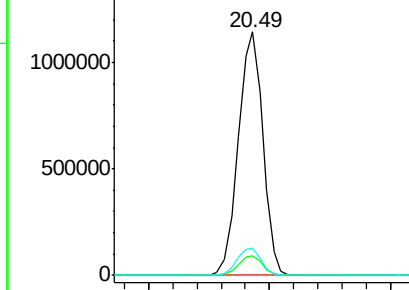
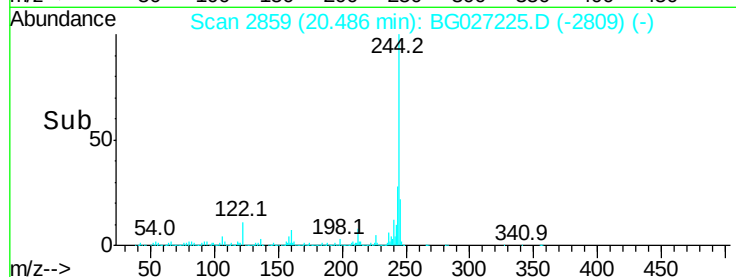
244 100

212 8.1 10.0 15.0#

122 11.2 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# 3798

Delta R.T. -0.02 min

Lab File: BG027225.D

Acq: 5 Jun 2017 23:11

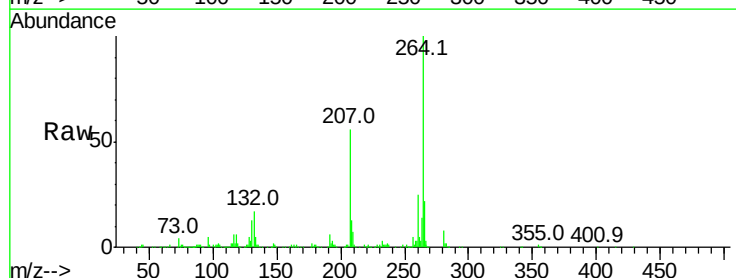
Tgt Ion:264 Resp: 411467

Ion Ratio Lower Upper

264 100

260 24.7 21.8 32.8

265 21.7 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

