

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
 Data File : BG027216.D
 Acq On : 5 Jun 2017 17:17
 Operator : SJ/MA
 Sample : PB99459BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB99459BL

Quant Time: Jun 06 04:02:24 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	47238	20.00	ng	0.00
21) Naphthalene-d8	11.40	136	212193	20.00	ng	0.00
38) Acenaphthene-d10	15.15	164	139431	20.00	ng	0.00
63) Phenanthrene-d10	17.91	188	362454	20.00	ng	0.00
75) Chrysene-d12	22.30	240	418694	20.00	ng	-0.01
86) Perylene-d12	26.00	264	394250	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	481208	155.45	ng	0.00
7) Phenol-d6	7.70	99	652733	143.65	ng	0.00
23) Nitrobenzene-d5	9.73	82	324137	96.07	ng	0.00
41) 2,4,6-Tribromophenol	16.64	330	285316	155.40	ng	0.00
44) 2-Fluorobiphenyl	13.78	172	921415	92.45	ng	0.00
78) Terphenyl-d14	20.49	244	1583184	96.46	ng	0.00

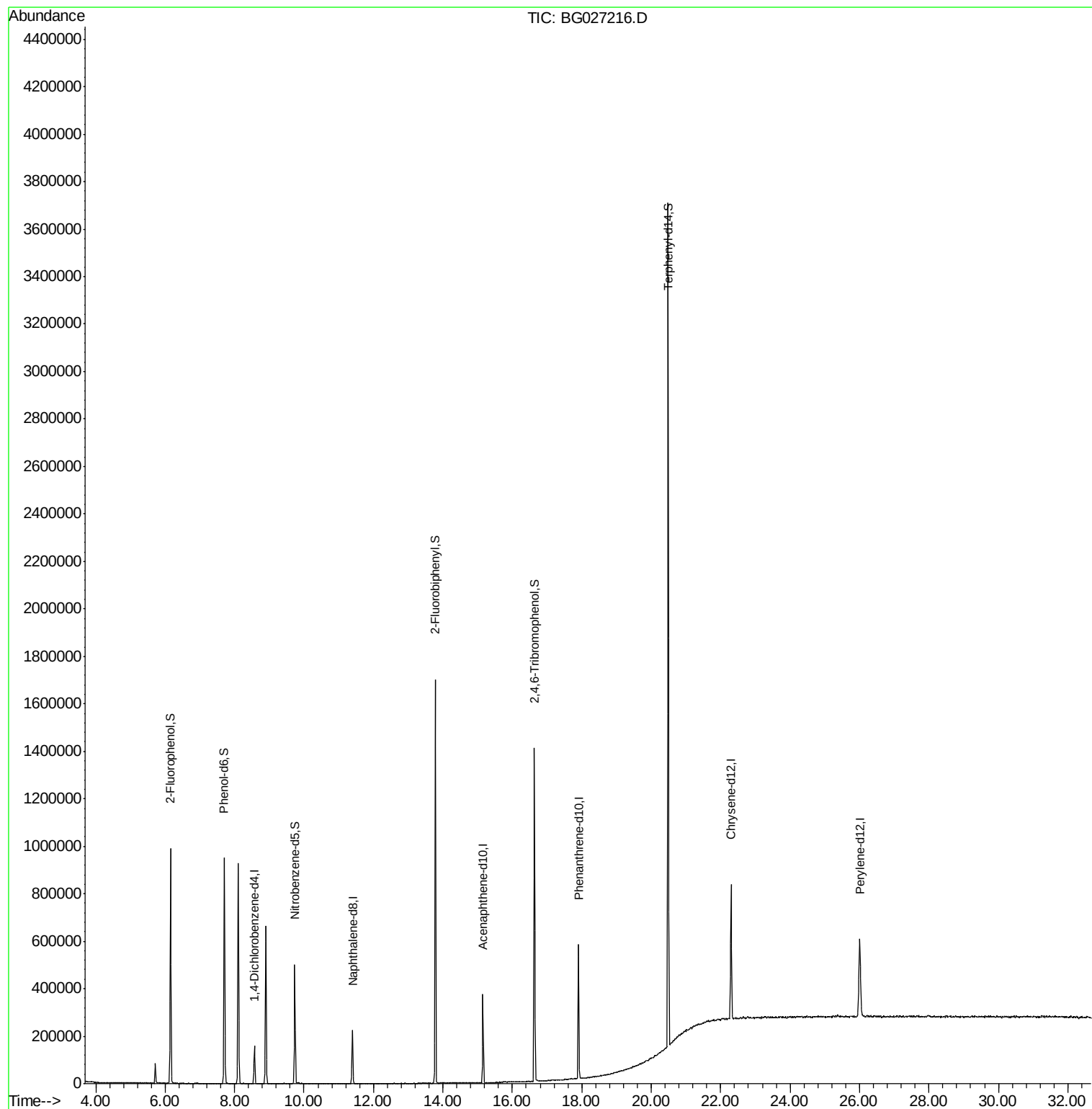
Target Compounds Qvalue

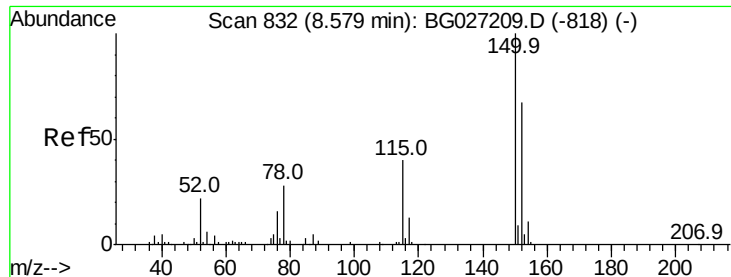
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG027216.D

Acq: 5 Jun 2017 17:17

Instrument :

BNA_G

ClientSampled :

PB99459BL

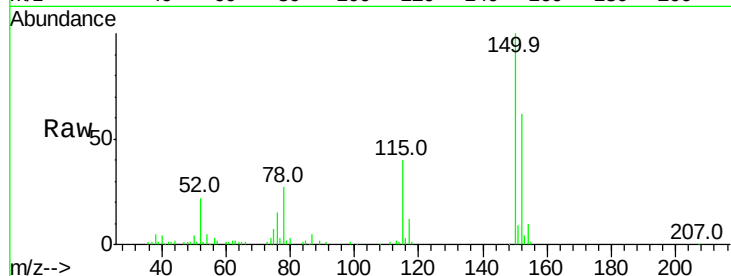
Tot Ion:152 Resp: 47238

Ion Ratio Lower Upper

152 100

150 161.0 114.0 171.0

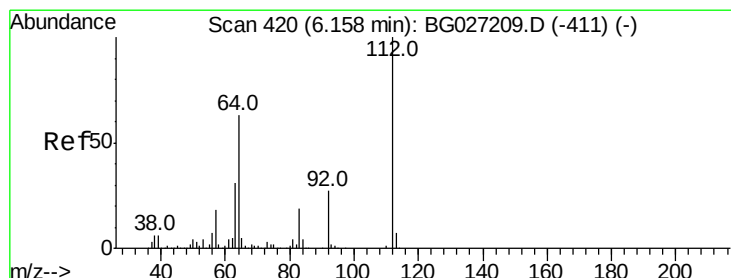
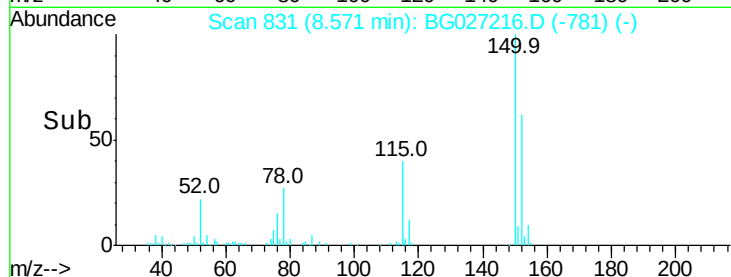
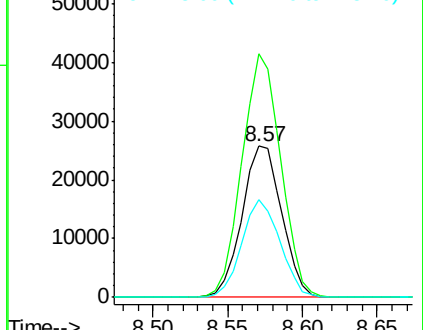
115 64.9 48.1 72.1



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: 155.45 ng

RT: 6.16 min Scan# 420

Delta R.T. -0.00 min

Lab File: BG027216.D

Acq: 5 Jun 2017 17:17

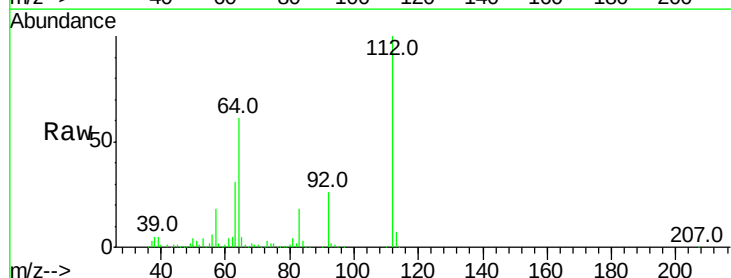
Tgt Ion:112 Resp: 481208

Ion Ratio Lower Upper

112 100

64 60.6 61.8 92.6#

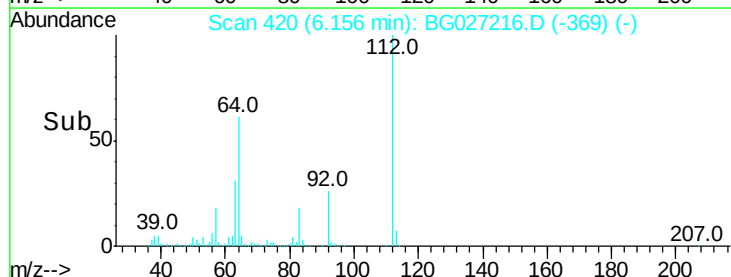
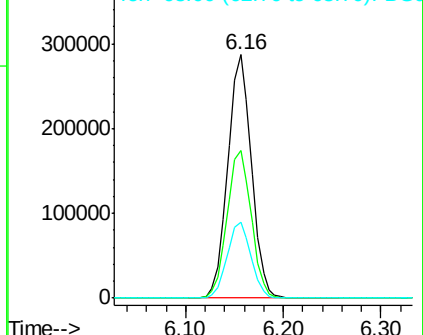
63 31.1 37.2 55.8#

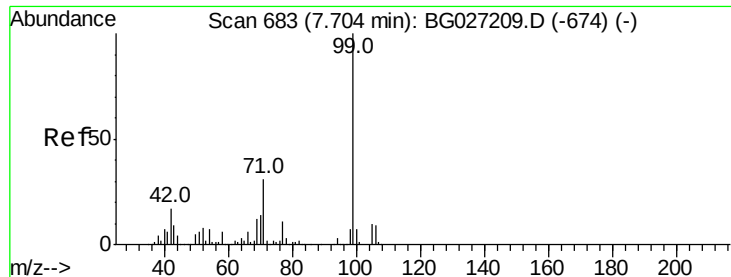


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 143.65 ng

RT: 7.70 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG027216.D

Acq: 5 Jun 2017 17:17

Instrument :

BNA_G

ClientSampleId :

PB99459BL

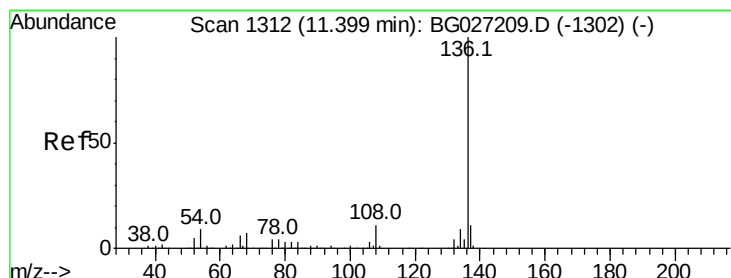
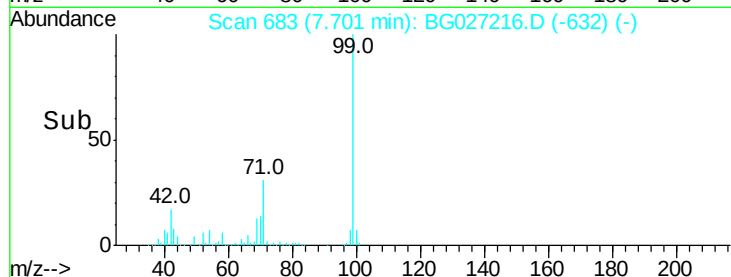
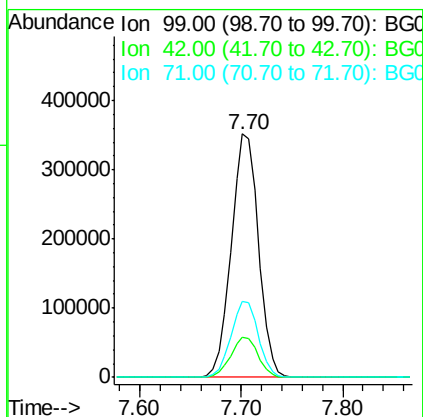
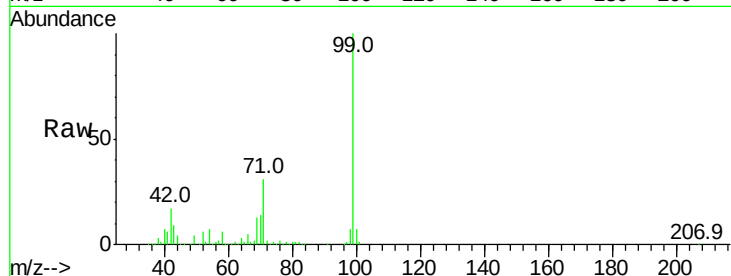
Tot Ion: 99 Resp: 652733

Ion Ratio Lower Upper

99 100

42 16.5 20.5 30.7#

71 30.9 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.40 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BG027216.D

Acq: 5 Jun 2017 17:17

Tgt Ion: 136 Resp: 212193

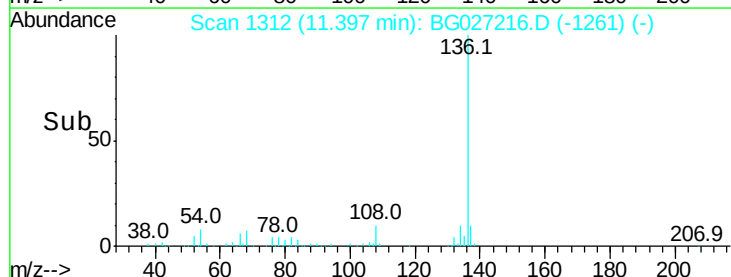
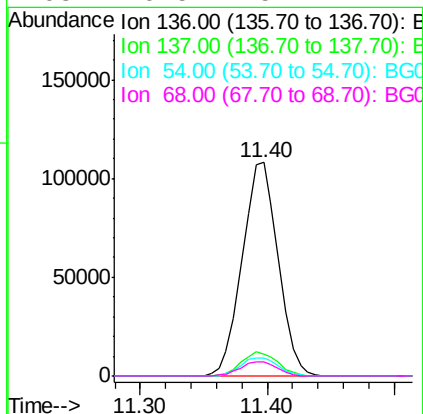
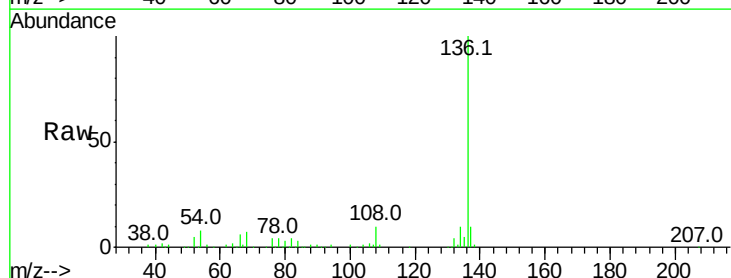
Ion Ratio Lower Upper

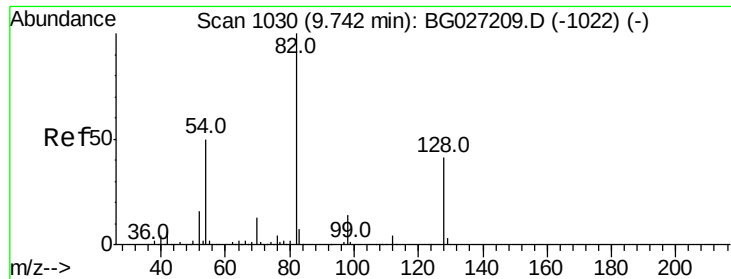
136 100

137 10.0 8.9 13.3

54 8.5 9.3 13.9#

68 6.5 5.1 7.7

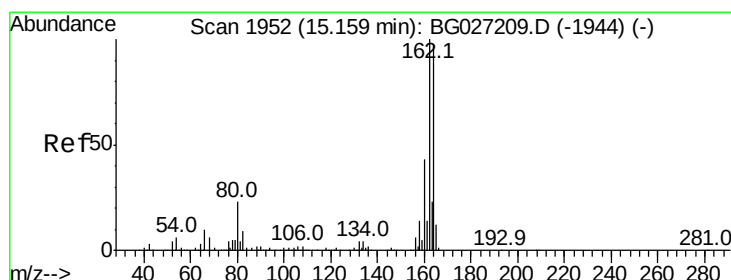
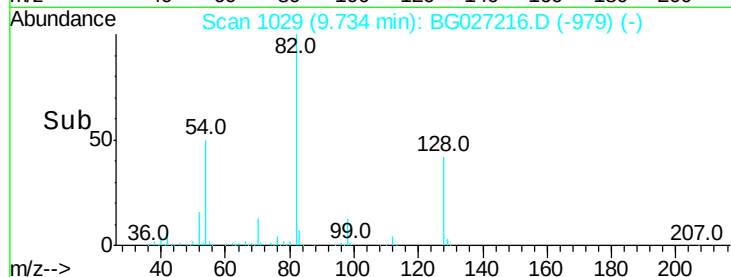
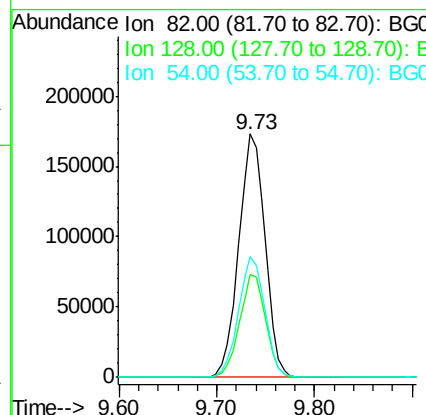
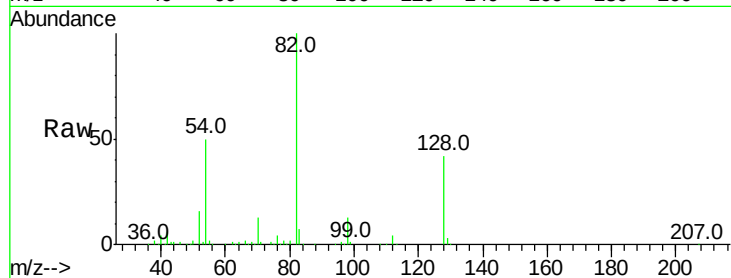




#23
 Nitrobenzene-d5
 Concen: 96.07 ng
 RT: 9.73 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG027216.D
 Acq: 5 Jun 2017 17:17

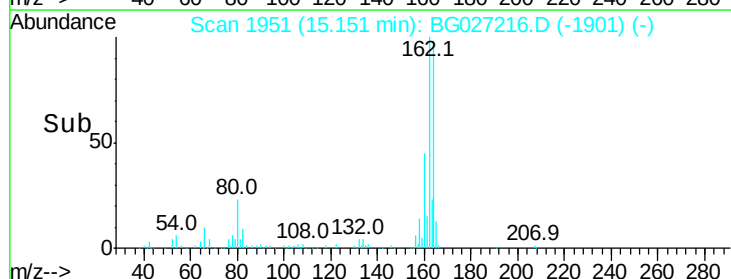
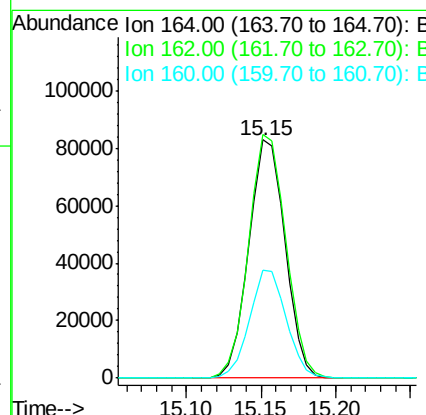
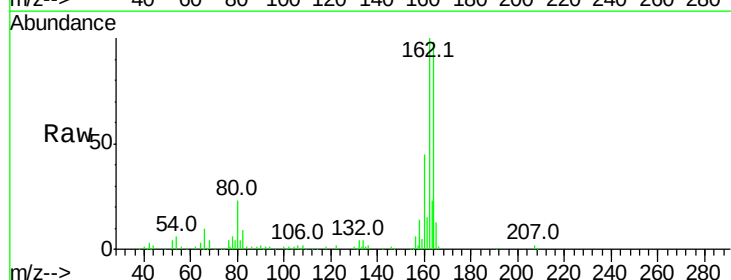
Instrument :
 BNA_G
 ClientSampleId :
 PB99459BL

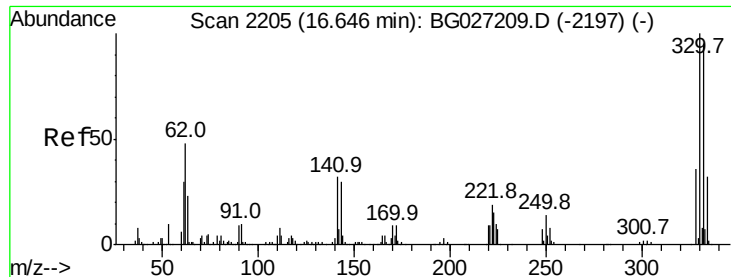
Tot Ion: 82 Resp: 324137
 Ion Ratio Lower Upper
 82 100
 128 42.5 26.4 39.6#
 54 49.8 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: BG027216.D
 Acq: 5 Jun 2017 17:17

Tgt Ion:164 Resp: 139431
 Ion Ratio Lower Upper
 164 100
 162 102.3 85.1 127.7
 160 45.6 34.7 52.1

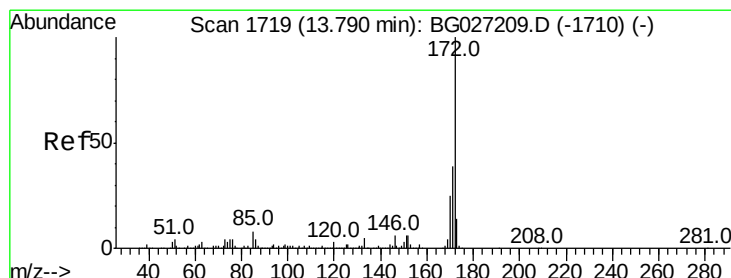
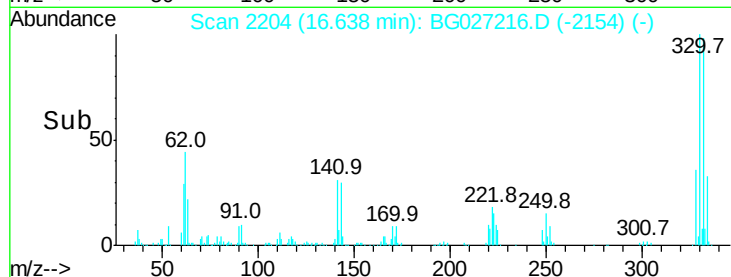
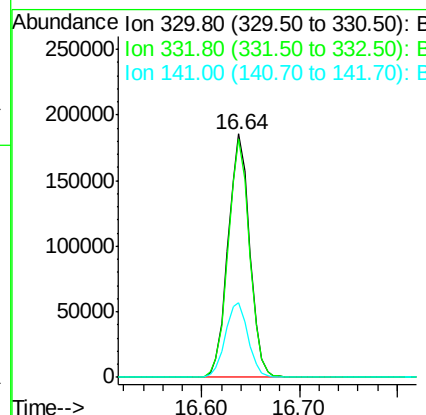
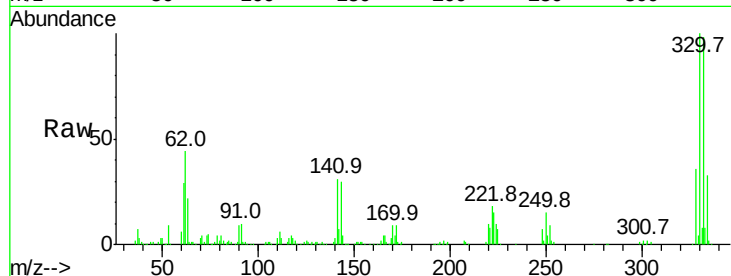




#41
 2,4,6-Tribromophenol
 Concen: 155.40 ng
 RT: 16.64 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG027216.D
 Acq: 5 Jun 2017 17:17

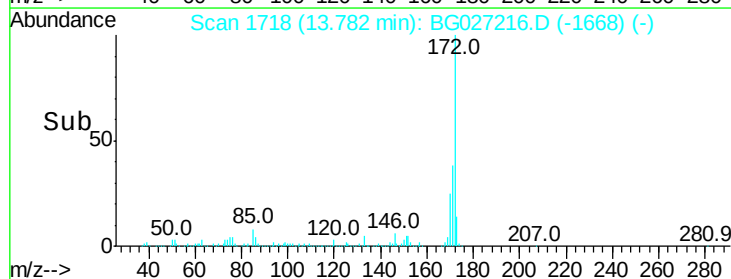
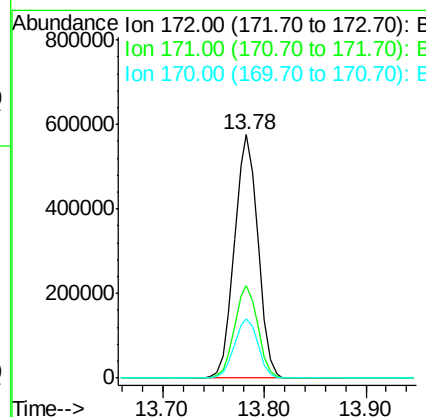
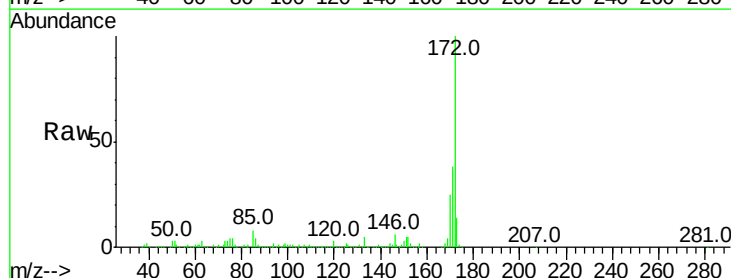
Instrument :
 BNA_G
 ClientSampleId :
 PB99459BL

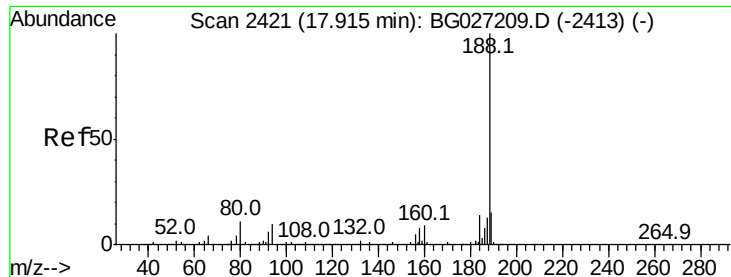
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	32.2	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 92.45 ng
 RT: 13.78 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG027216.D
 Acq: 5 Jun 2017 17:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	32.2	48.2
170	24.6	21.8	32.6

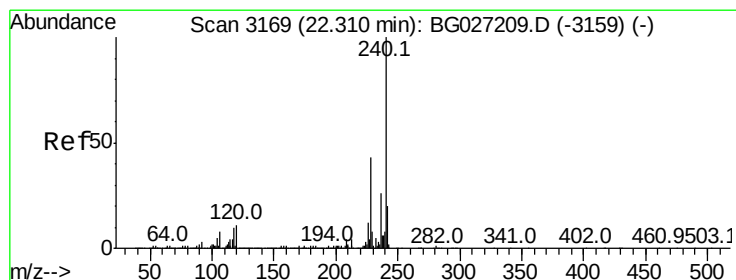
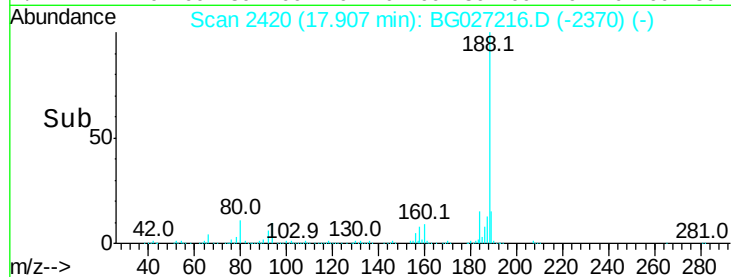
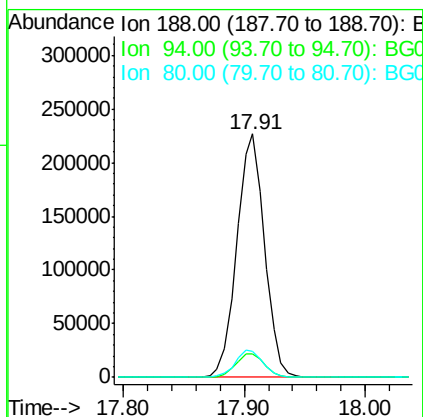
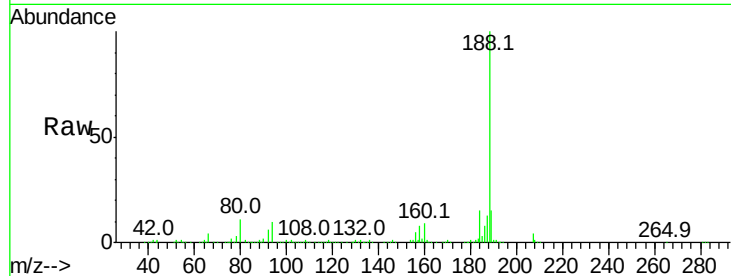




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.91 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BG027216.D
Acq: 5 Jun 2017 17:17

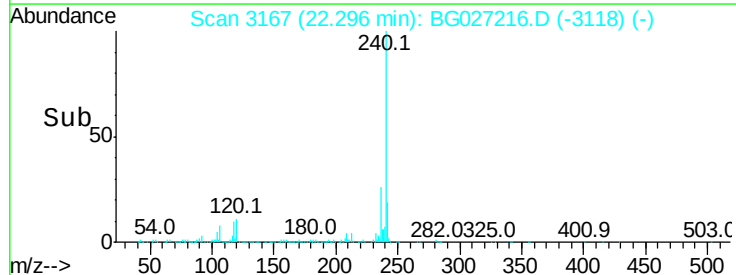
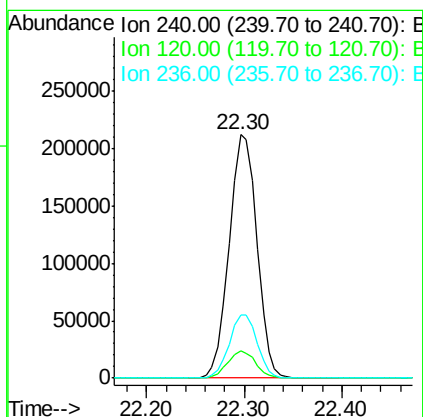
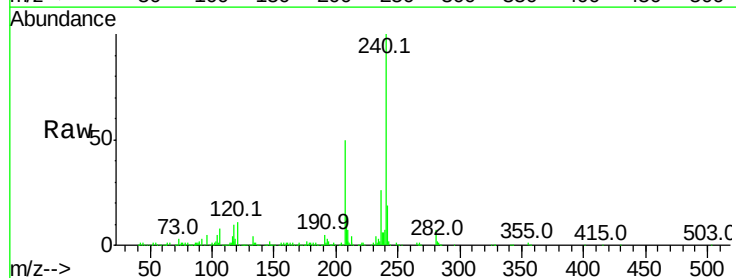
Instrument :
BNA_G
ClientSampleId :
PB99459BL

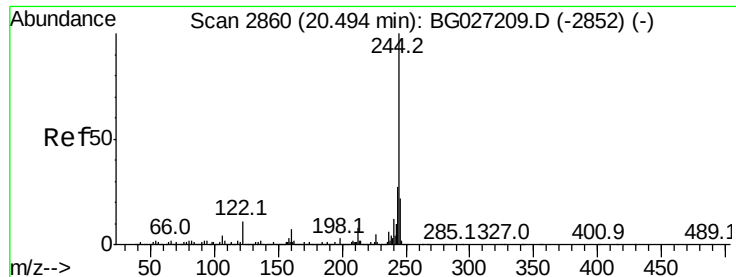
Tot Ion:188 Resp: 362454
Ion Ratio Lower Upper
188 100
94 9.6 5.8 8.8#
80 10.7 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.30 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG027216.D
Acq: 5 Jun 2017 17:17

Tgt Ion:240 Resp: 418694
Ion Ratio Lower Upper
240 100
120 11.1 5.7 8.5#
236 26.2 22.2 33.4





#78

Terphenyl-d14

Concen: 96.46 ng

RT: 20.49 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG027216.D

Acq: 5 Jun 2017 17:17

Instrument :

BNA_G

ClientSampleId :

PB99459BL

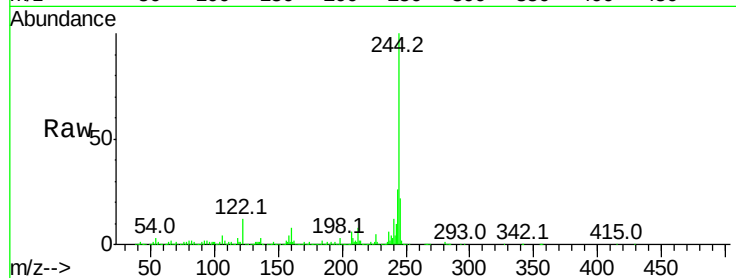
Tot Ion:244 Resp: 1583184

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

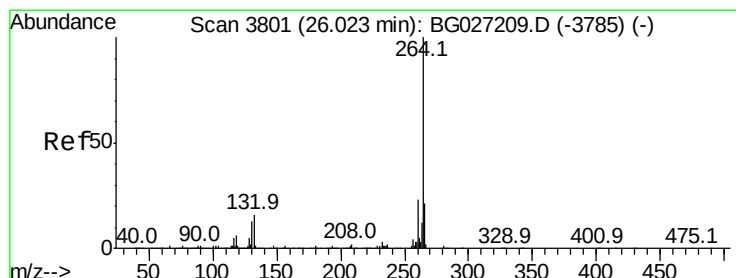
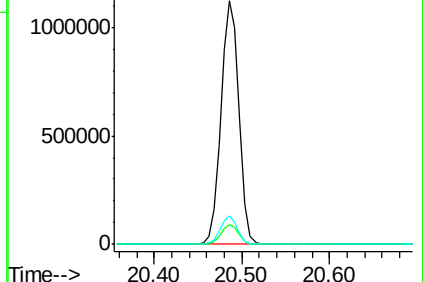
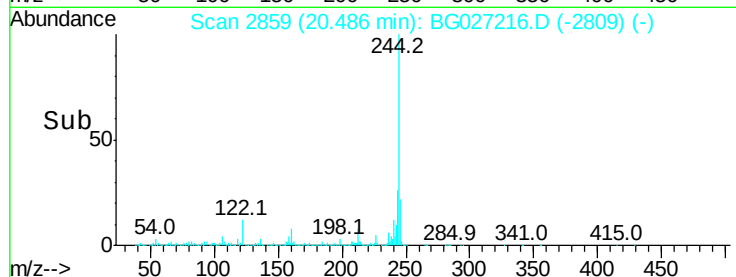
122 11.6 8.6 12.8



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: BG027216.D

Acq: 5 Jun 2017 17:17

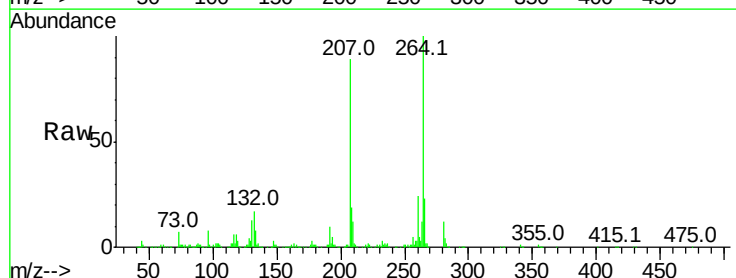
Tgt Ion:264 Resp: 394250

Ion Ratio Lower Upper

264 100

260 24.3 21.8 32.8

265 23.2 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

