

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
 Data File : BG027289.D
 Acq On : 7 Jun 2017 18:39
 Operator : SJ/MA
 Sample : PB99548BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB99548BL

Quant Time: Jun 08 06:10:29 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	8.56	152	48506	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	230788	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	148565	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	353040	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	409583	20.00	ng	-0.04
86) Perylene-d12	25.96	264	377006	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	478117	150.41	ng	-0.01
7) Phenol-d6	7.69	99	669131	143.41	ng	0.00
23) Nitrobenzene-d5	9.72	82	356845	97.24	ng	-0.02
41) 2,4,6-Tribromophenol	16.63	330	248196	126.87	ng	-0.02
44) 2-Fluorobiphenyl	13.76	172	916098	86.27	ng	-0.03
78) Terphenyl-d14	20.47	244	1451186	90.38	ng	-0.03

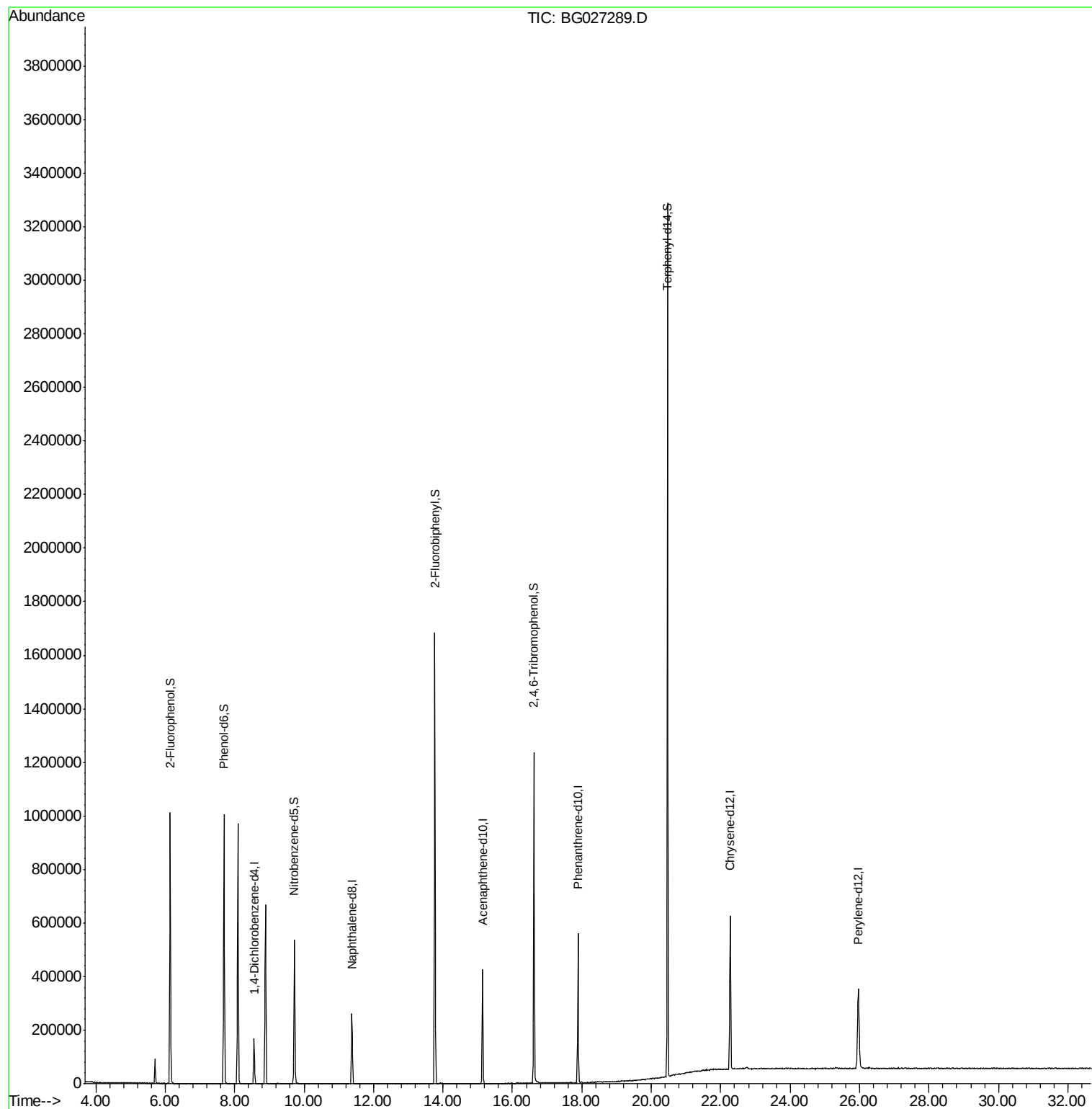
Target Compounds Qvalue

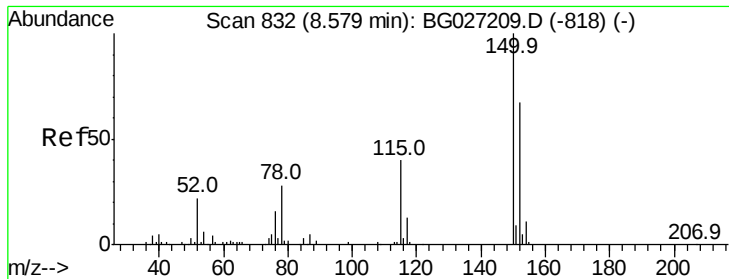
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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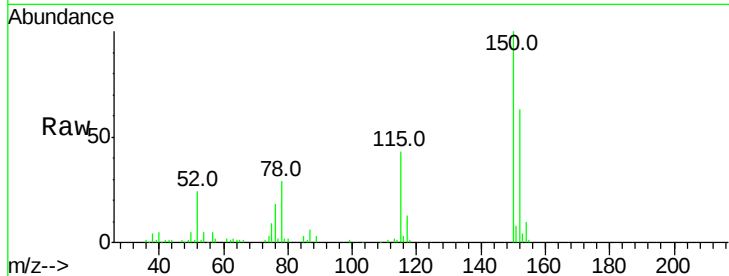


#1

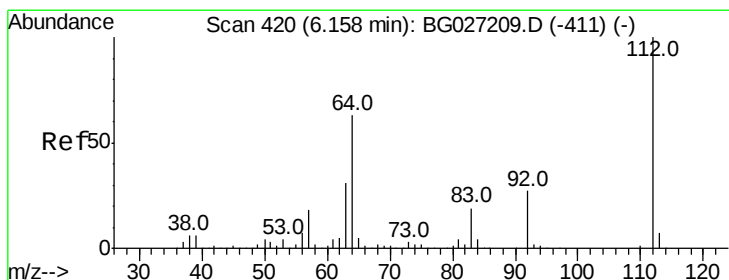
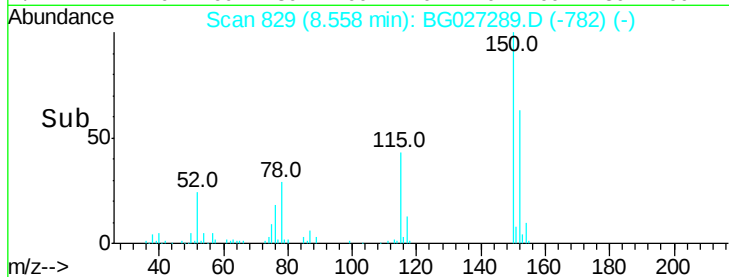
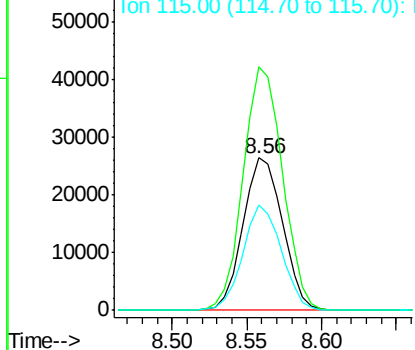
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BG027289.D
Acq: 7 Jun 2017 18:39

Instrument :
BNA_G
ClientSampleId :
PB99548BL

Tot Ion:152 Resp: 48506
Ion Ratio Lower Upper
152 100
150 159.9 114.0 171.0
115 69.4 48.1 72.1



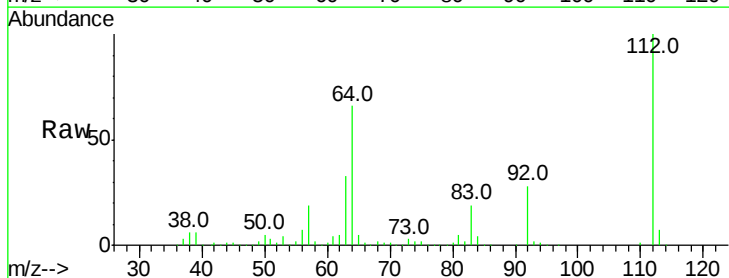
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



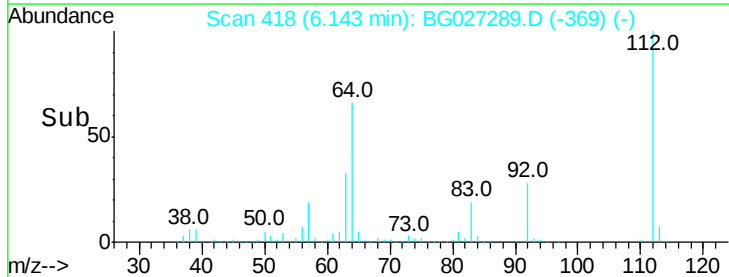
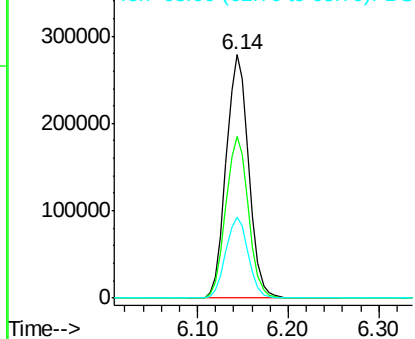
#5

2-Fluorophenol
Concen: 150.41 ng
RT: 6.14 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027289.D
Acq: 7 Jun 2017 18:39

Tgt Ion:112 Resp: 478117
Ion Ratio Lower Upper
112 100
64 66.4 61.8 92.6
63 33.5 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: 143.41 ng

RT: 7.69 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG027289.D

Acq: 7 Jun 2017 18:39

Instrument :

BNA_G

ClientSampleId :

PB99548BL

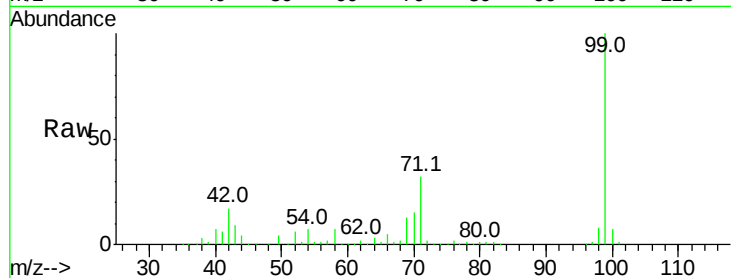
Tot Ion: 99 Resp: 669131

Ion Ratio Lower Upper

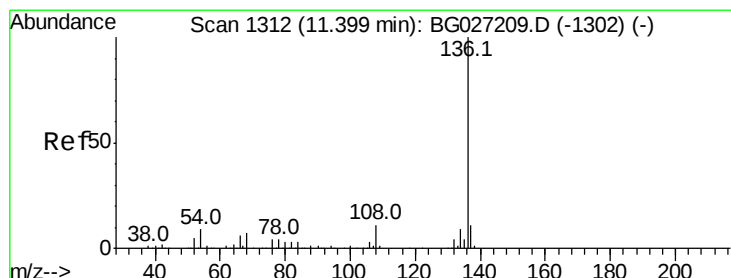
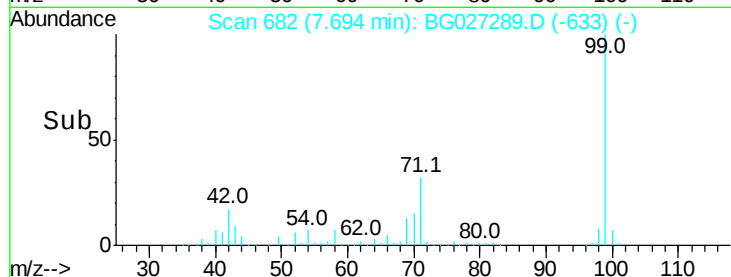
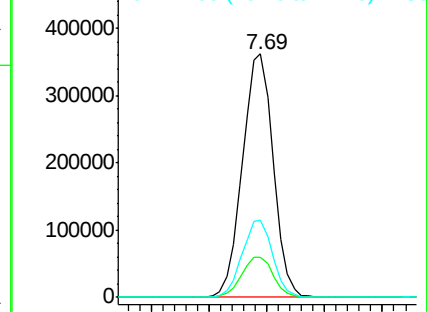
99 100

42 16.7 20.5 30.7#

71 31.7 37.6 56.4#



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: 20.00 ng

RT: 11.38 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BG027289.D

Acq: 7 Jun 2017 18:39

Tgt Ion: 136 Resp: 230788

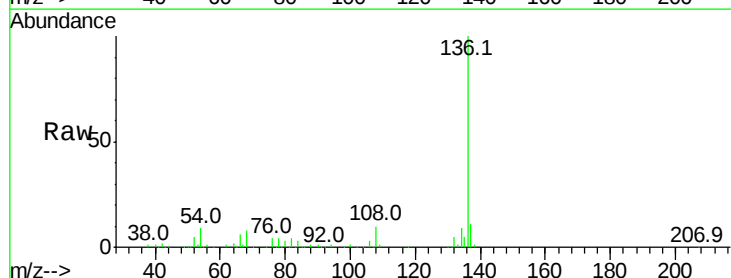
Ion Ratio Lower Upper

136 100

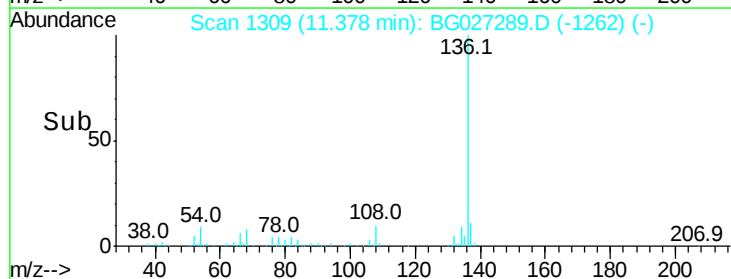
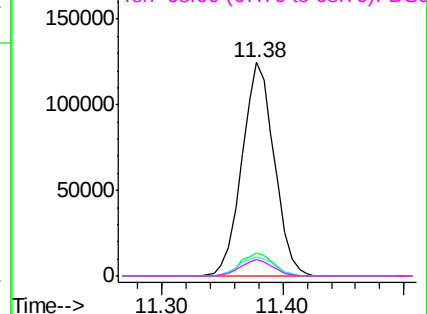
137 10.9 8.9 13.3

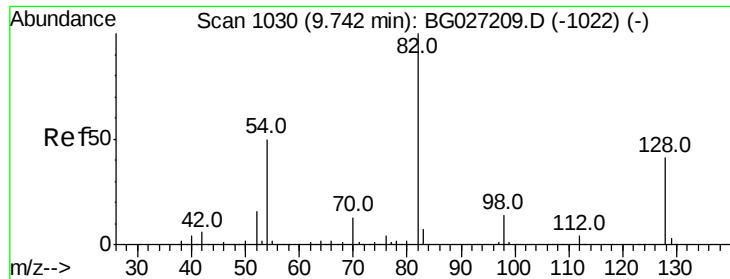
54 9.0 9.3 13.9#

68 7.7 5.1 7.7



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

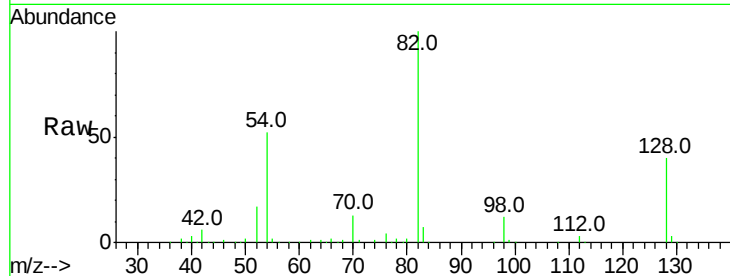




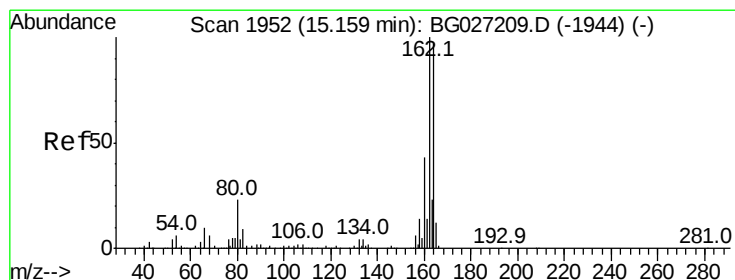
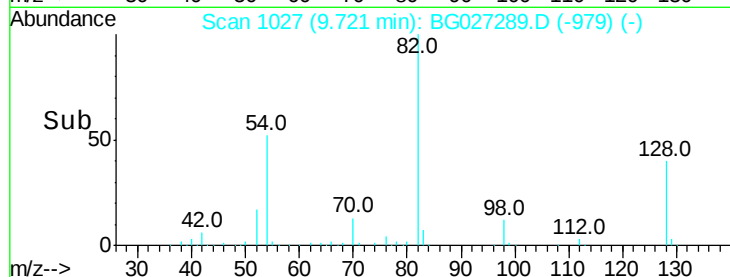
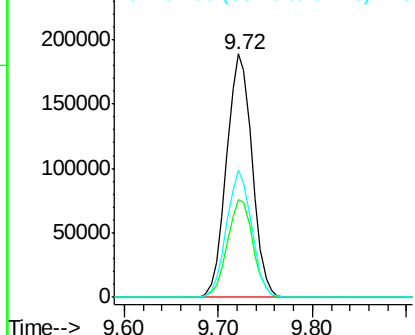
#23
 Nitrobenzene-d5
 Concen: 97.24 ng
 RT: 9.72 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BG027289.D
 Acq: 7 Jun 2017 18:39

Instrument :
 BNA_G
 ClientSampleID :
 PB99548BL

Tot Ion	82	Resp	356845
Ion Ratio	100	Lower	Upper
128	40.0	26.4	39.6
54	52.1	49.4	74.2

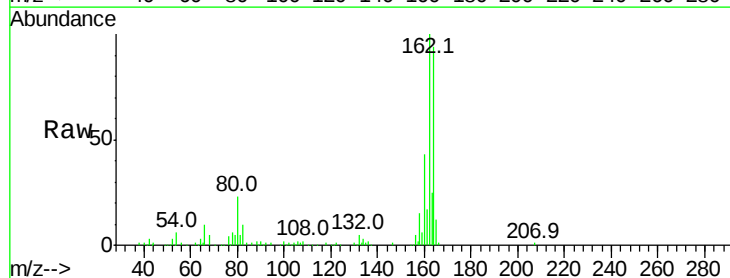


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

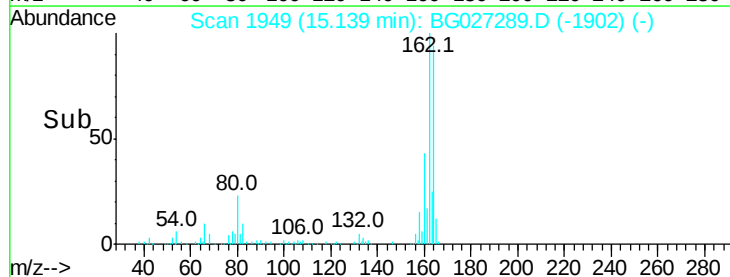
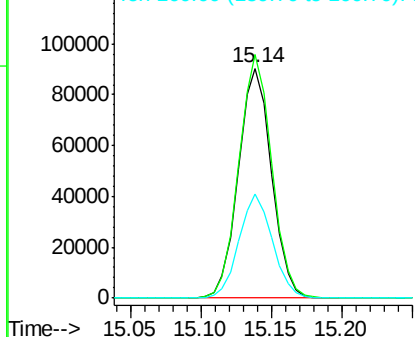


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1949
 Delta R.T. -0.02 min
 Lab File: BG027289.D
 Acq: 7 Jun 2017 18:39

Tgt Ion	164	Resp	148565
Ion Ratio	100	Lower	Upper
162	106.0	85.1	127.7
160	45.4	34.7	52.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

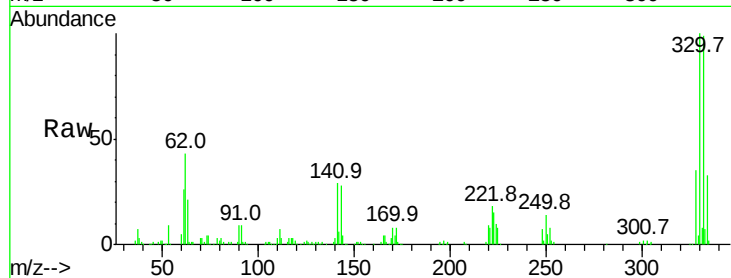




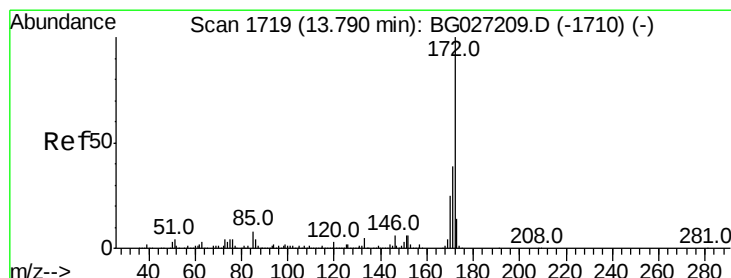
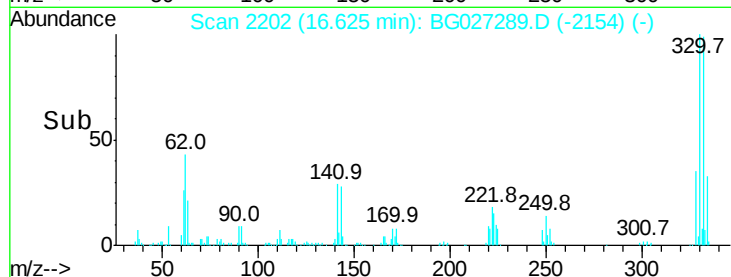
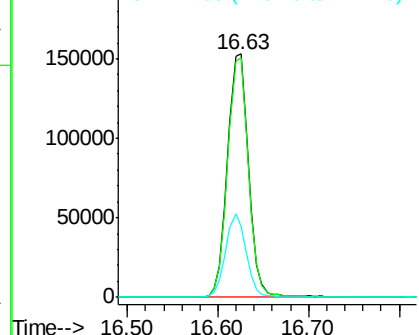
#41
 2,4,6-Tribromophenol
 Concen: 126.87 ng
 RT: 16.63 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG027289.D
 Acq: 7 Jun 2017 18:39

Instrument :
 BNA_G
 ClientSampleId :
 PB99548BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	33.6	32.1	48.1

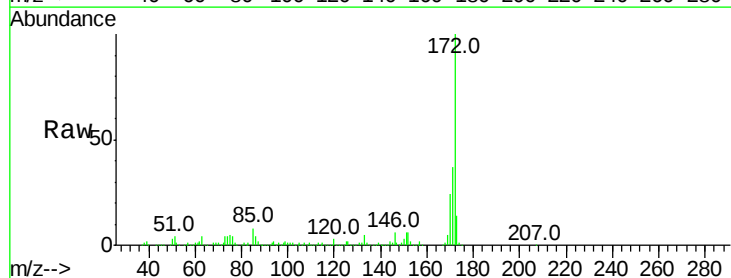


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

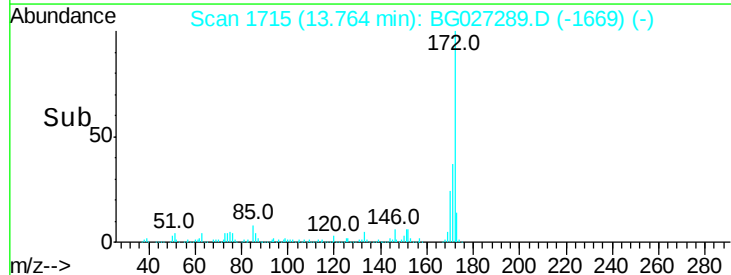
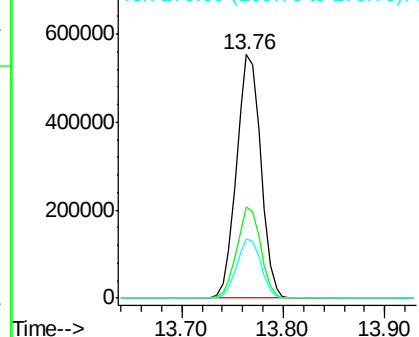


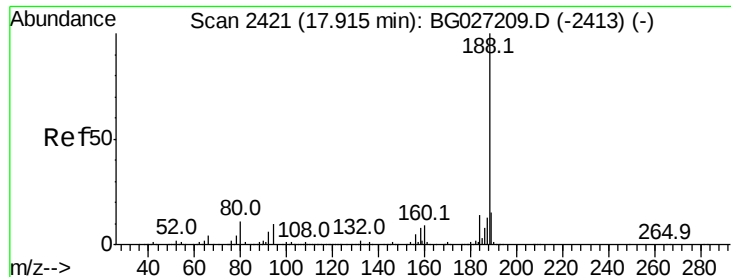
#44
 2-Fluorobiphenyl
 Concen: 86.27 ng
 RT: 13.76 min Scan# 1715
 Delta R.T. -0.03 min
 Lab File: BG027289.D
 Acq: 7 Jun 2017 18:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	32.2	48.2
170	24.4	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

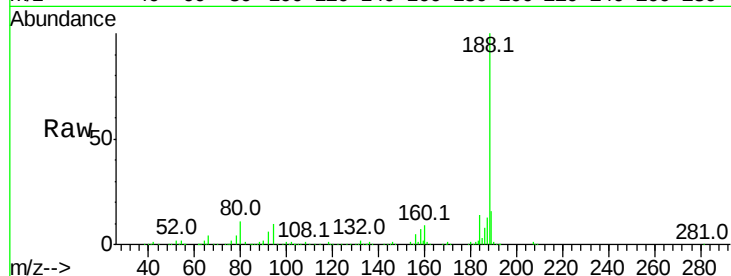




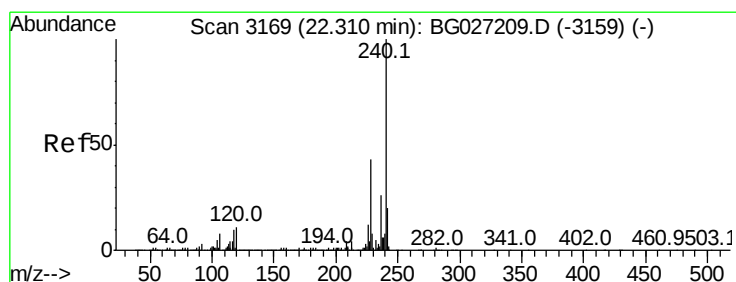
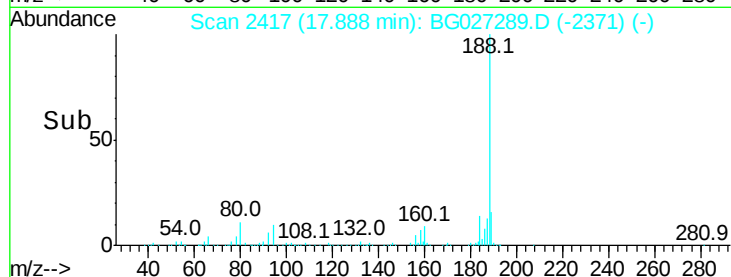
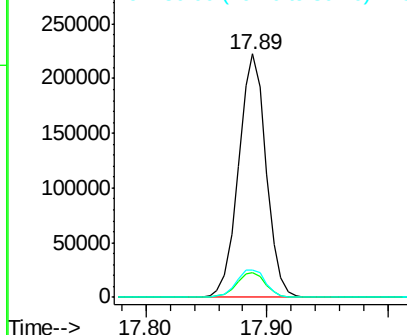
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.89 min Scan# 2417
Delta R.T. -0.03 min
Lab File: BG027289.D
Acq: 7 Jun 2017 18:39

Instrument :
BNA_G
ClientSampleId :
PB99548BL

Tot Ion:188 Resp: 353040
Ion Ratio Lower Upper
188 100
94 10.2 5.8 8.8#
80 11.5 7.5 11.3#

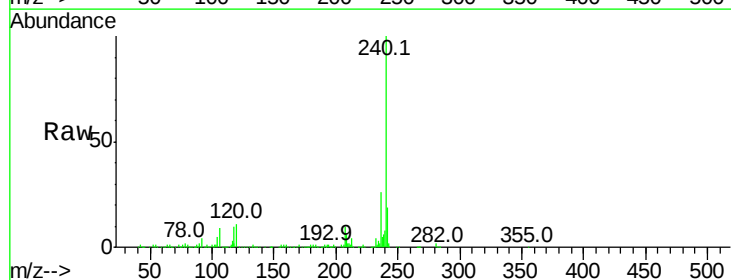


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

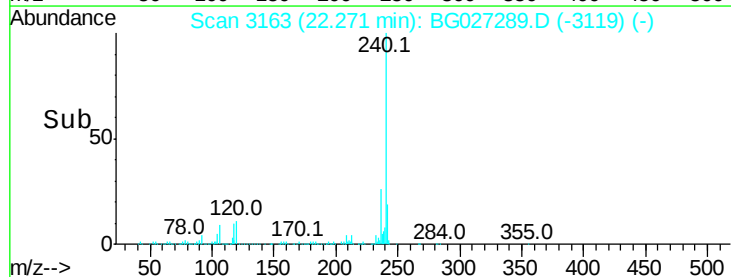
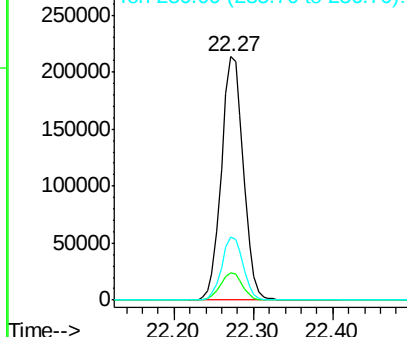


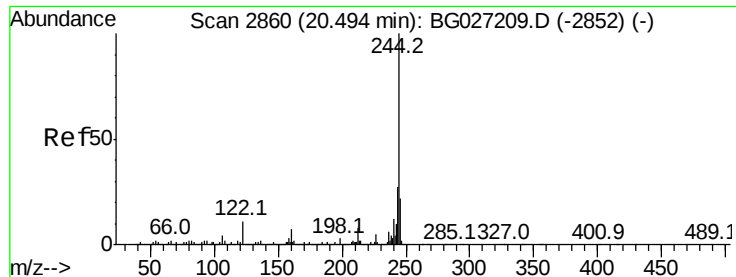
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.27 min Scan# 3163
Delta R.T. -0.04 min
Lab File: BG027289.D
Acq: 7 Jun 2017 18:39

Tgt Ion:240 Resp: 409583
Ion Ratio Lower Upper
240 100
120 11.4 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: 90.38 ng

RT: 20.47 min Scan# 2856

Delta R.T. -0.03 min

Lab File: BG027289.D

Acq: 7 Jun 2017 18:39

Instrument :

BNA_G

ClientSampleId :

PB99548BL

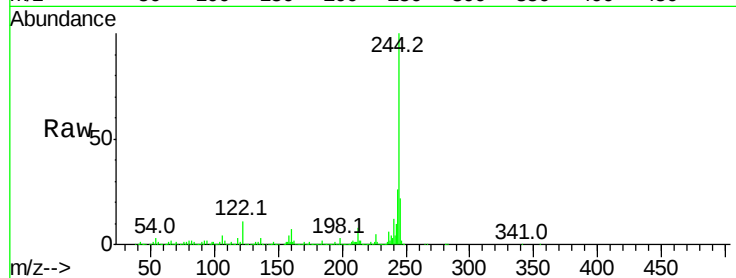
Tot Ion:244 Resp: 1451186

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

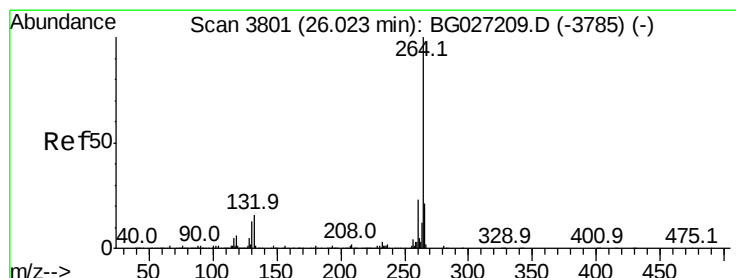
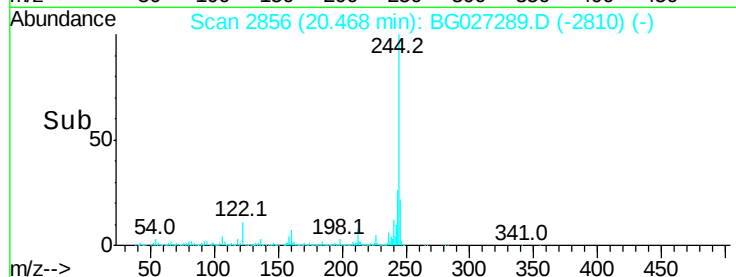
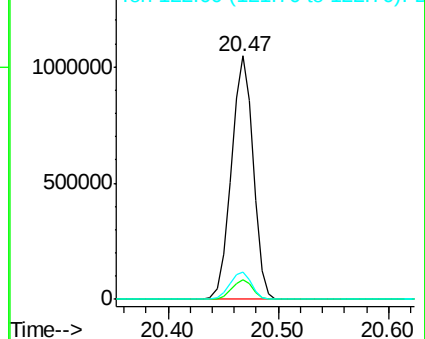
122 11.5 8.6 12.8



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: 25.96 min Scan# 3791

Delta R.T. -0.06 min

Lab File: BG027289.D

Acq: 7 Jun 2017 18:39

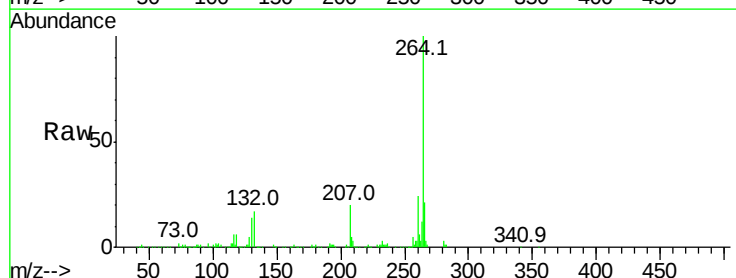
Tgt Ion:264 Resp: 377006

Ion Ratio Lower Upper

264 100

260 23.8 21.8 32.8

265 21.2 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

