

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 :

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

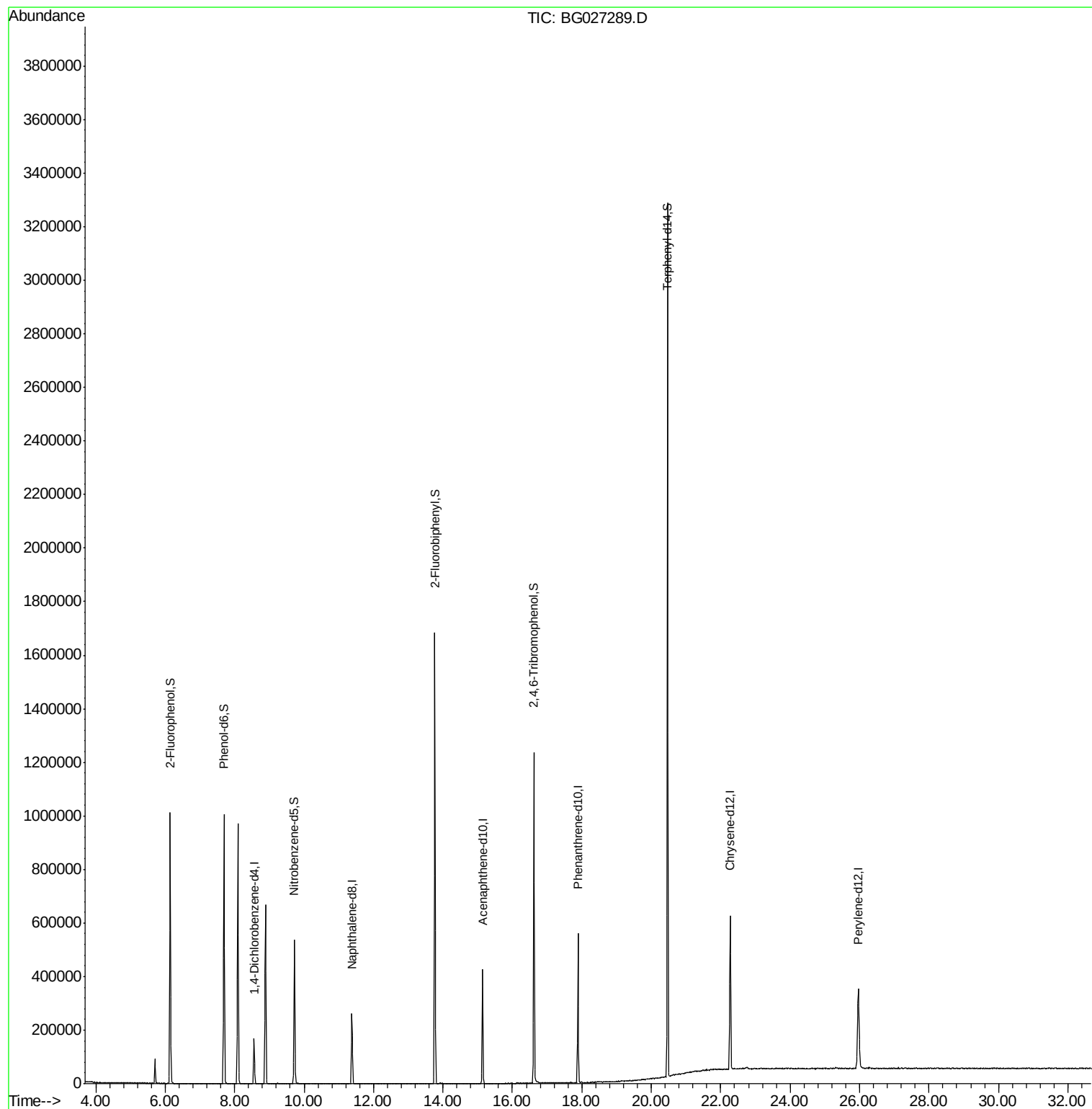
Target Compounds Qvalue

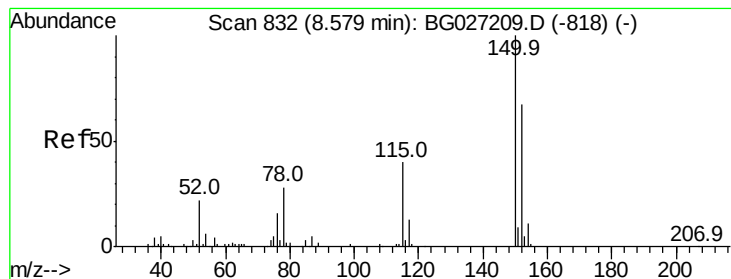
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

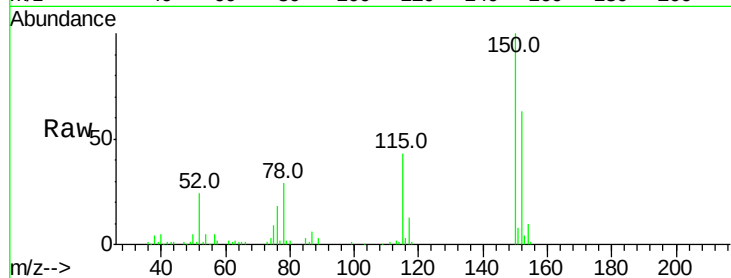
Tot Ion:152 Resp: 48506

Ion Ratio Lower Upper

152 100

150 159.9 114.0 171.0

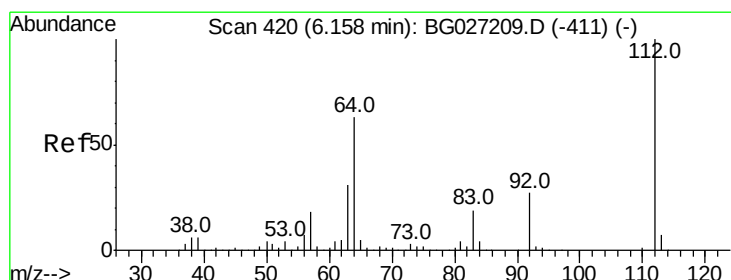
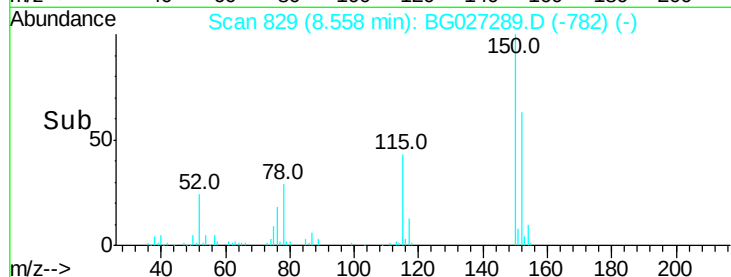
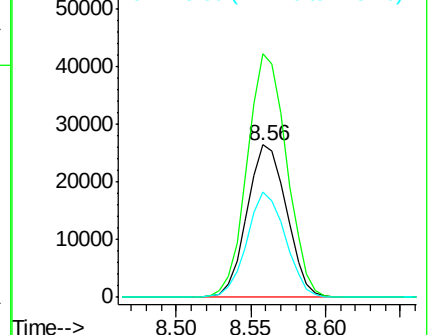
115 69.4 48.1 72.1



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

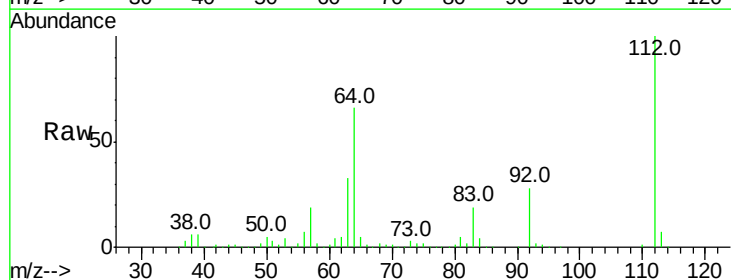
Tgt Ion:112 Resp: 478117

Ion Ratio Lower Upper

112 100

64 66.4 61.8 92.6

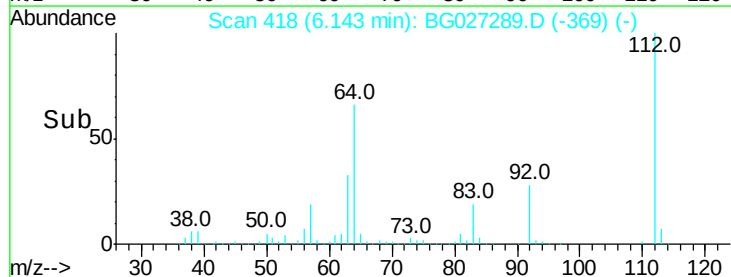
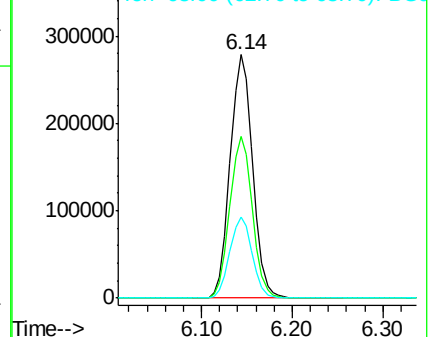
63 33.5 37.2 55.8#

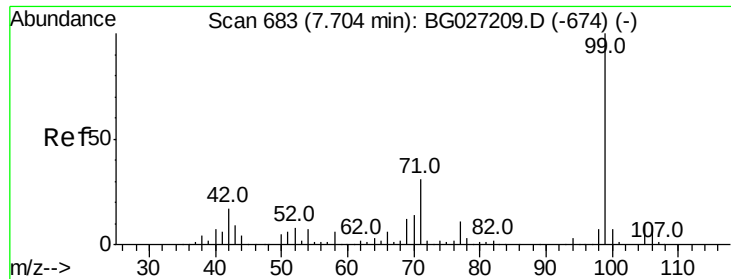


Abundance Ion 112.00 (111.70 to 112.70): E

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 :

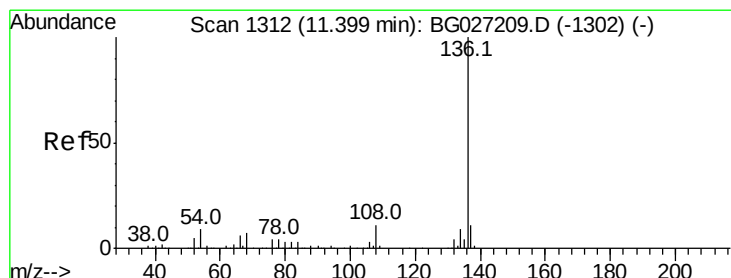
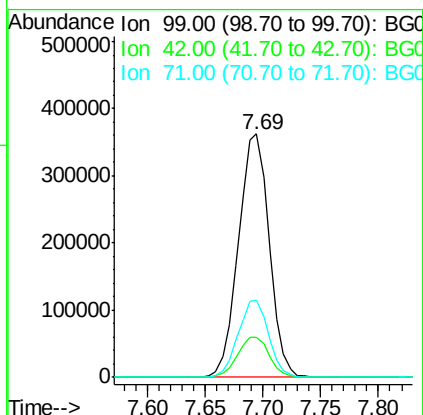
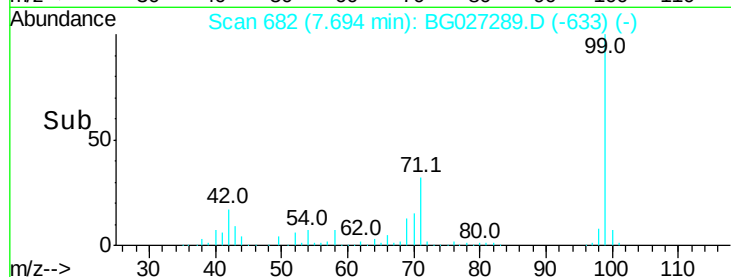
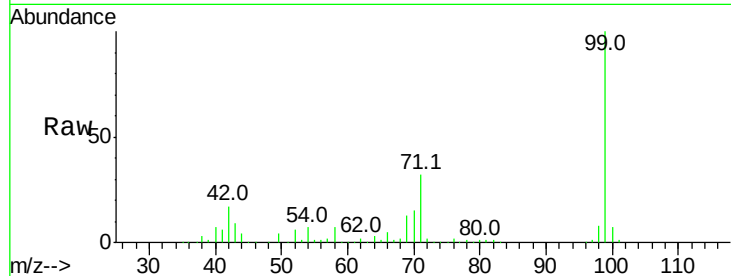
Tot Ion: 99 Resp: 669131

Ion Ratio Lower Upper

99 100

42 16.7 20.5 30.7#

71 31.7 37.6 56.4#



#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

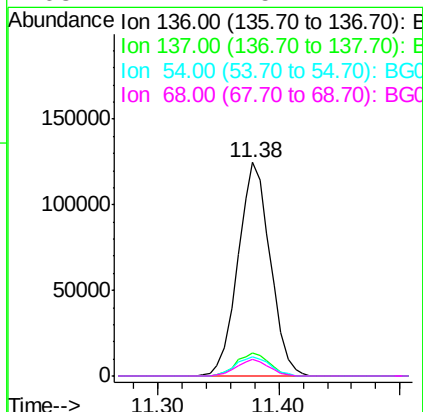
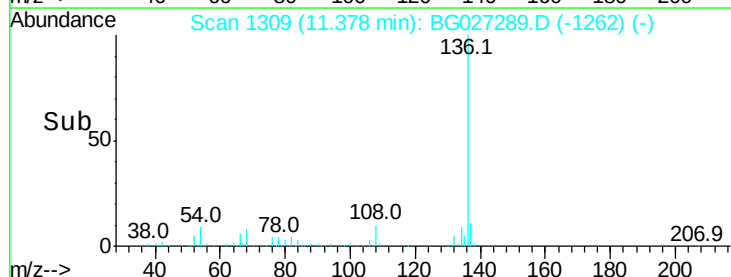
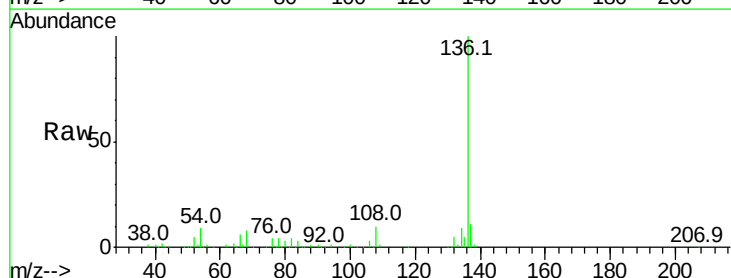
Ion Ratio Lower Upper

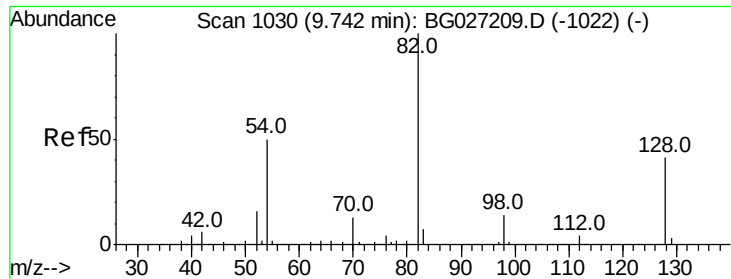
136 100

137 10.9 8.9 13.3

54 9.0 9.3 13.9#

68 7.7 5.1 7.7

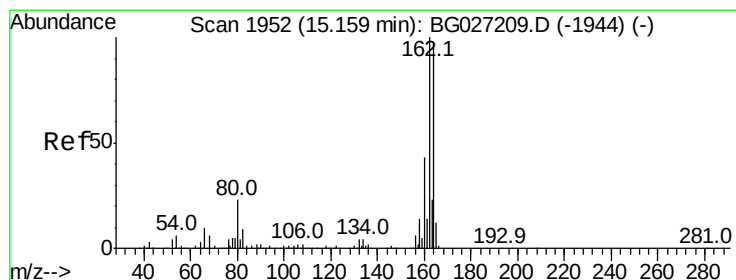
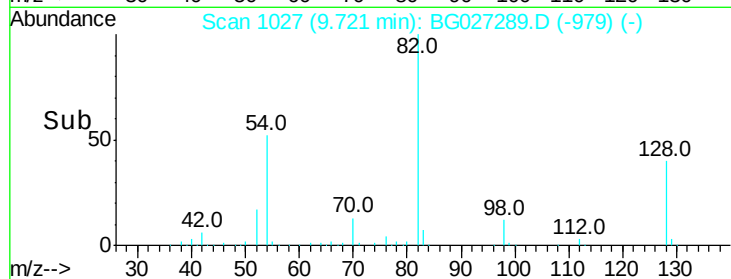
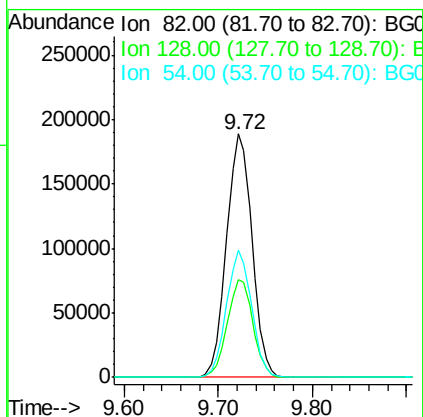
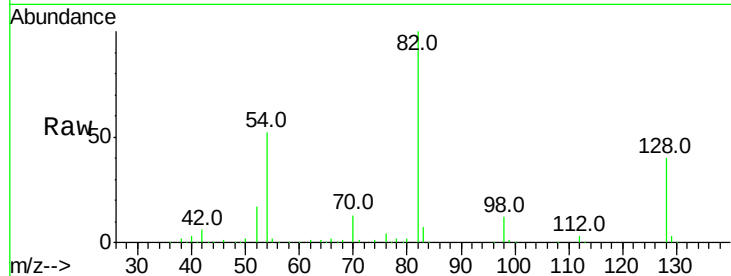




#23
 Nitrobenzene-d5
 Concen: 97.24 ng
 RT: 9.72 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BG027289.D
 Acq: 7 Jun 2017 18:39

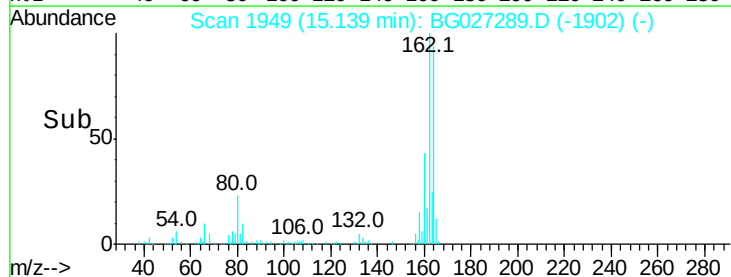
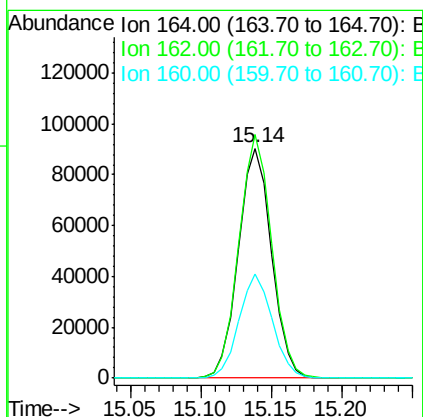
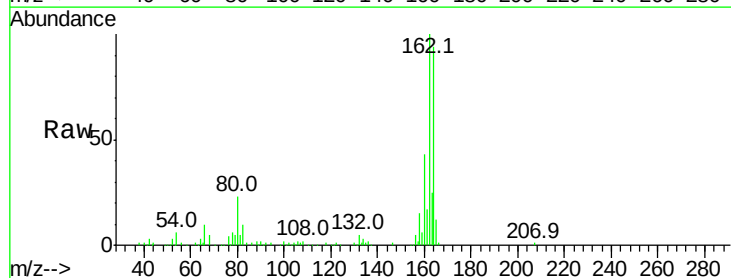
Instrument :
 BNA_G
 ClientSampled :

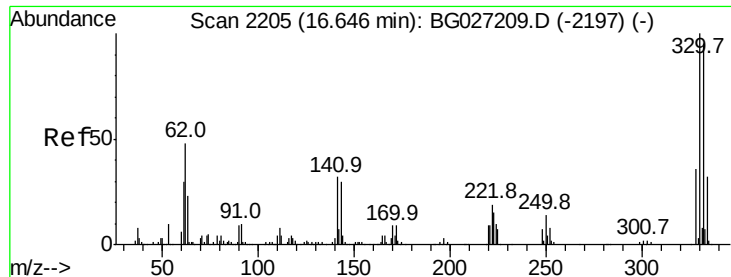
Tot Ion	82	Resp	356845
Ion	Ratio	Lower	Upper
82	100		
128	40.0	26.4	39.6
54	52.1	49.4	74.2



#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	Lower	Upper
164	100		
162	106.0	85.1	127.7
160	45.4	34.7	52.1





#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 :

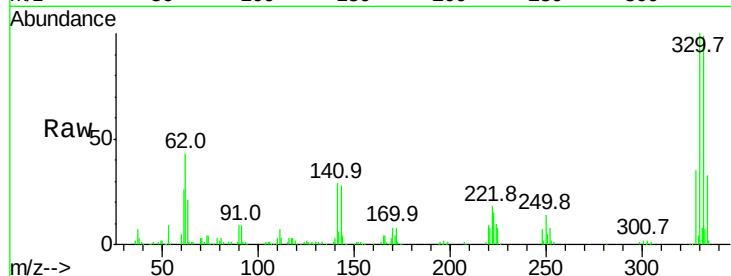
Tot Ion:330 Resp: 248196

Ion Ratio Lower Upper

330 100

332 97.2 77.3 115.9

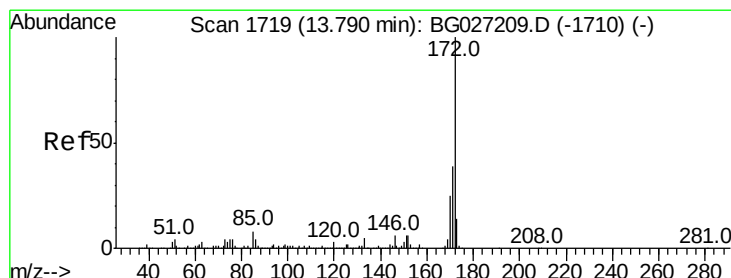
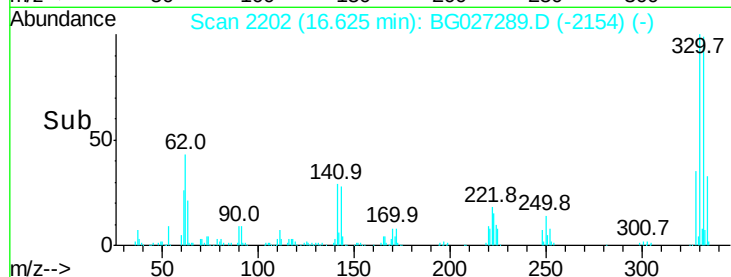
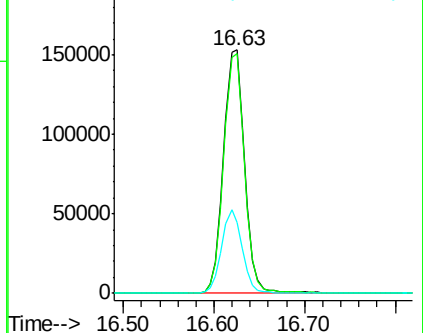
141 33.6 32.1 48.1



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

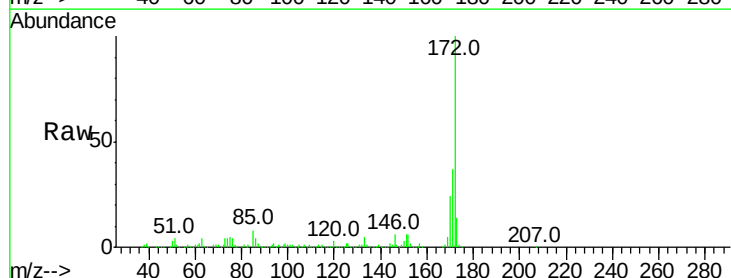
Tgt Ion:172 Resp: 916098

Ion Ratio Lower Upper

172 100

171 37.3 32.2 48.2

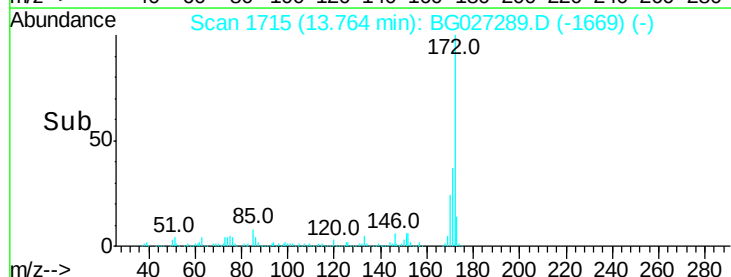
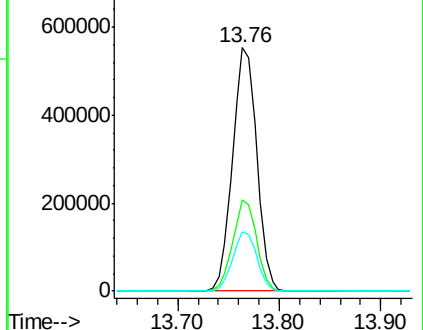
170 24.4 21.8 32.6

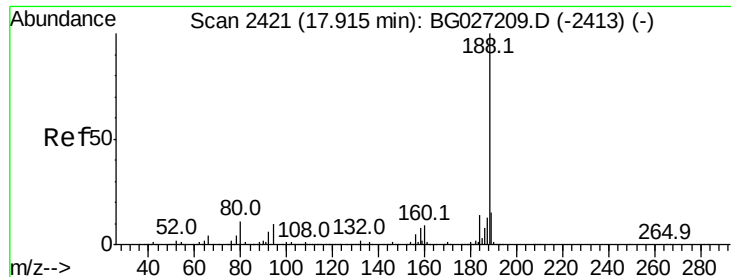


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

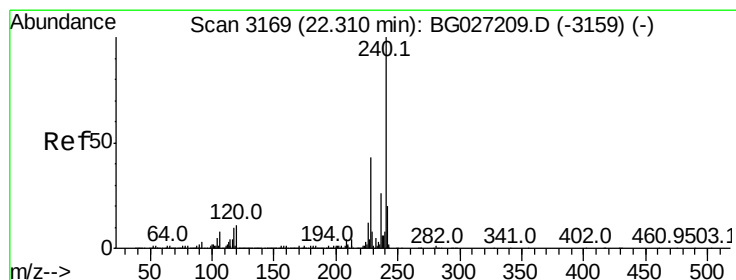
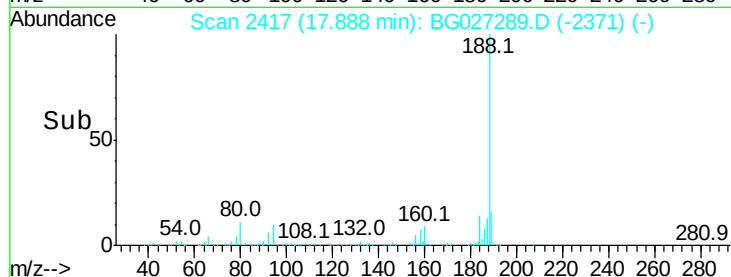
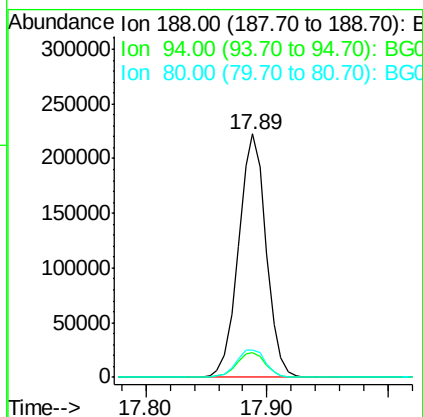
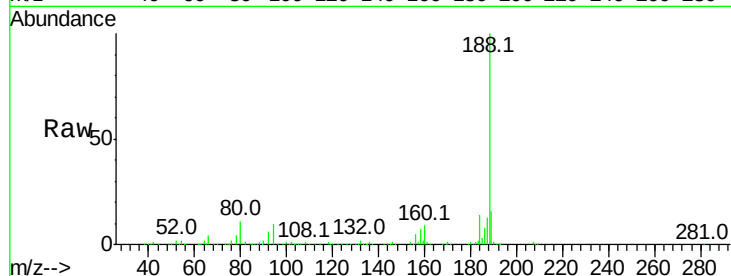




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.89 min Scan# 2417
Delta R.T. -0.03 min
Lab File: BG027289.D
Acq: 7 Jun 2017 18:39

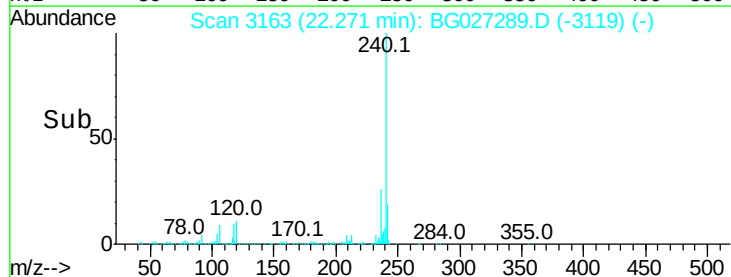
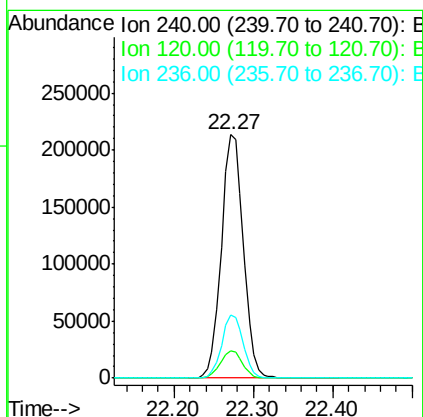
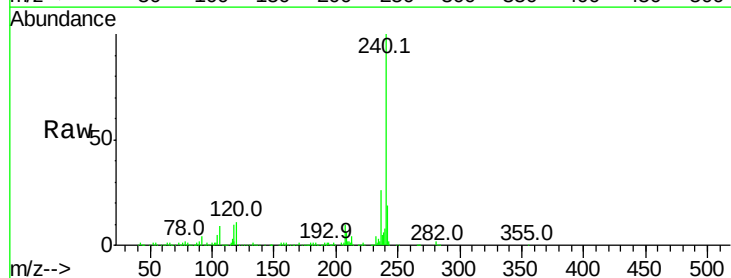
Instrument :
BNA_G
ClientSampleId :

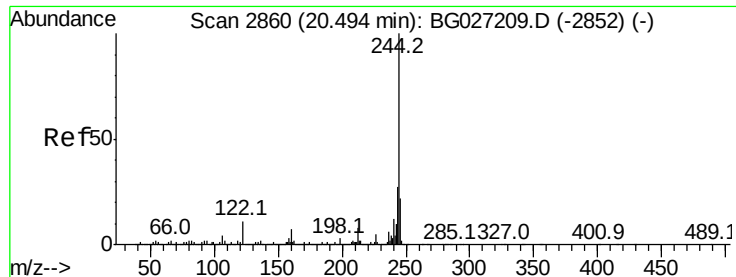
Tot Ion:188 Resp: 353040
Ion Ratio Lower Upper
188 100
94 10.2 5.8 8.8#
80 11.5 7.5 11.3#



#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





#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 :

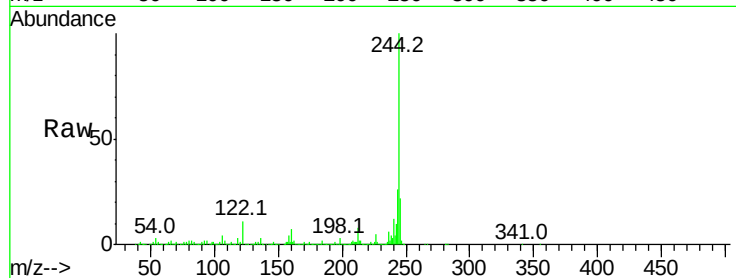
Tot Ion:244 Resp: 1451186

Ion Ratio Lower Upper

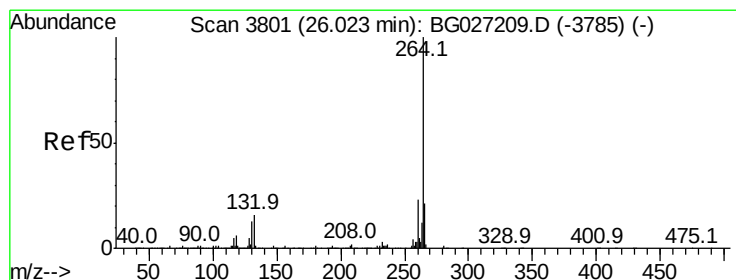
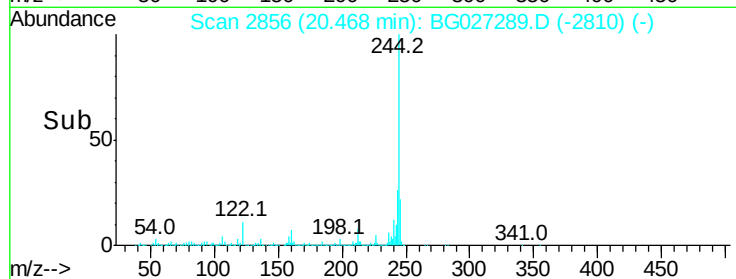
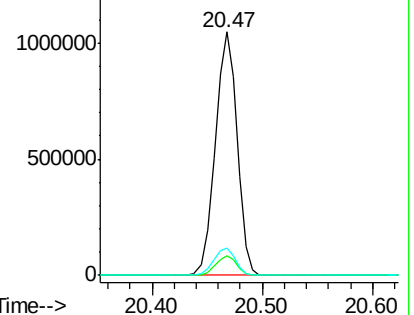
244 100

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

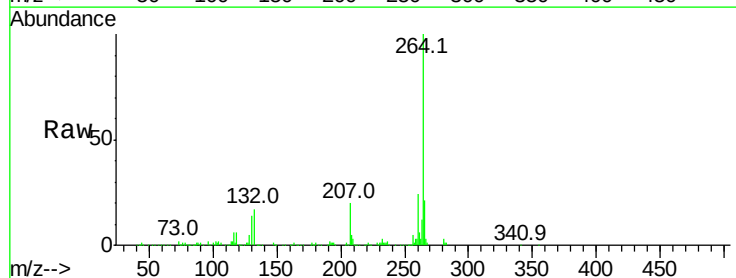
Tgt Ion:264 Resp: 377006

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

