

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
 Data File : BG027291.D
 Acq On : 7 Jun 2017 19:58
 Operator : SJ/MA
 Sample : PB99548TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB99548TB

Quant Time: Jun 08 06:11:08 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	8.56	152	48189	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	230853	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	149470	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	361822	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	396243	20.00	ng	-0.04
86) Perylene-d12	25.96	264	366164	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	481922	152.61	ng	-0.01
7) Phenol-d6	7.69	99	679043	146.49	ng	-0.01
23) Nitrobenzene-d5	9.72	82	367999	100.25	ng	-0.02
41) 2,4,6-Tribromophenol	16.62	330	268452	136.39	ng	-0.03
44) 2-Fluorobiphenyl	13.76	172	943196	88.28	ng	-0.03
78) Terphenyl-d14	20.47	244	1441751	92.82	ng	-0.03

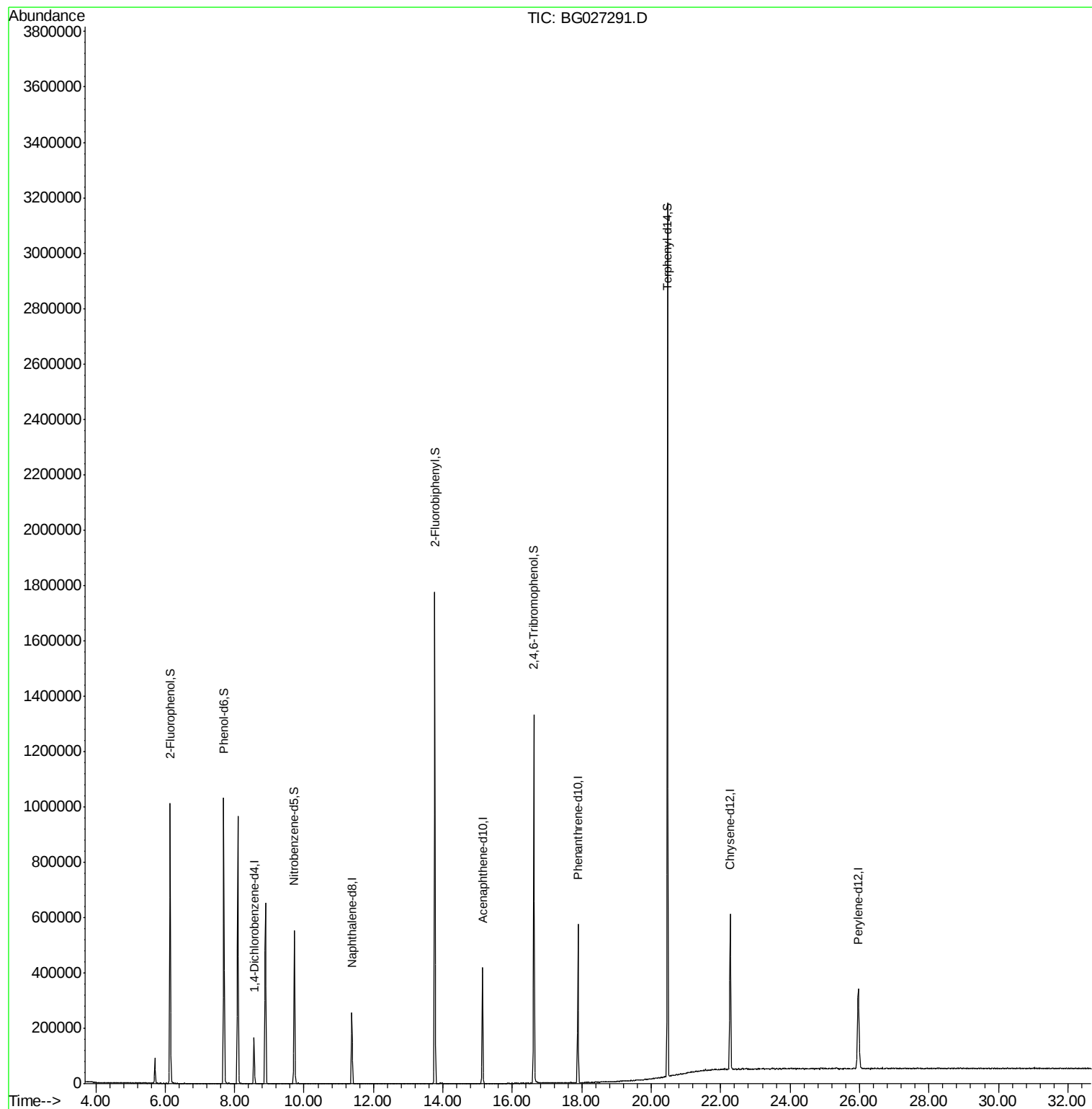
Target Compounds Qvalue

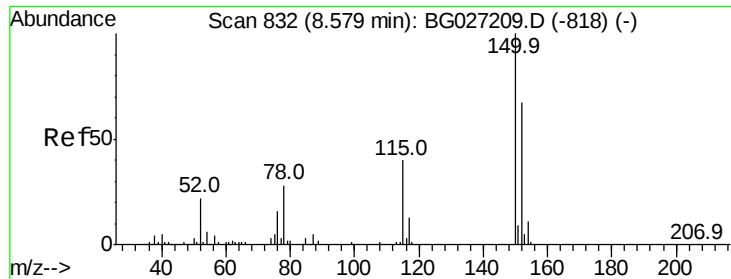
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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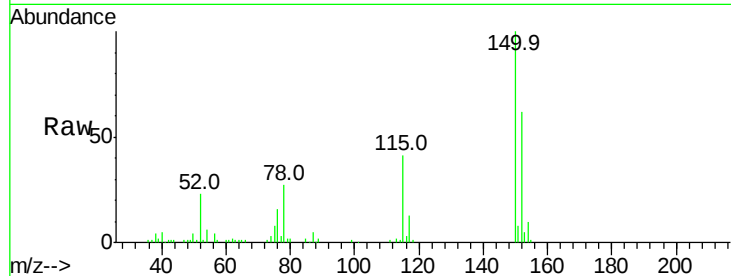


#1

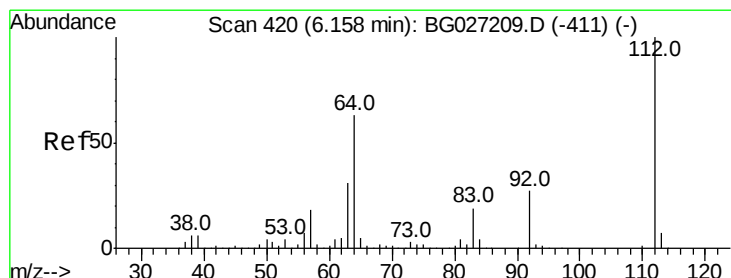
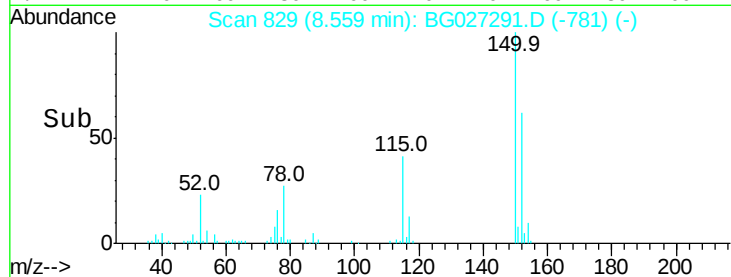
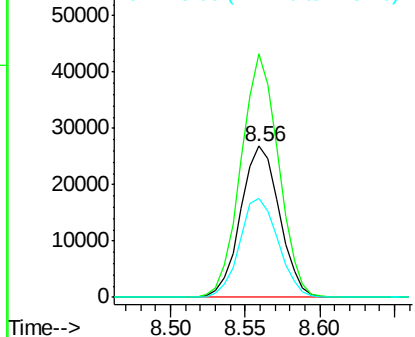
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BG027291.D
Acq: 7 Jun 2017 19:58

Instrument :
BNA_G
ClientSampleId :
PB99548TB

Tot Ion:152 Resp: 48189
Ion Ratio Lower Upper
152 100
150 160.9 114.0 171.0
115 65.5 48.1 72.1



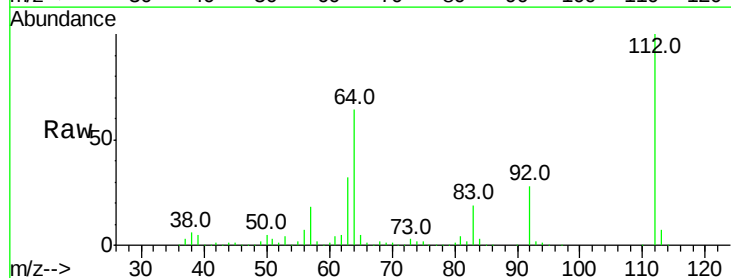
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



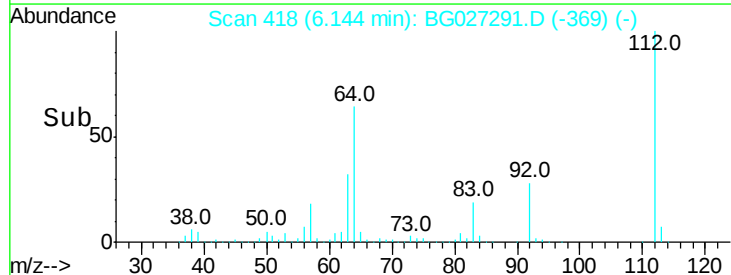
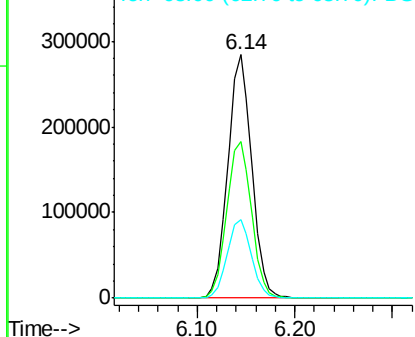
#5

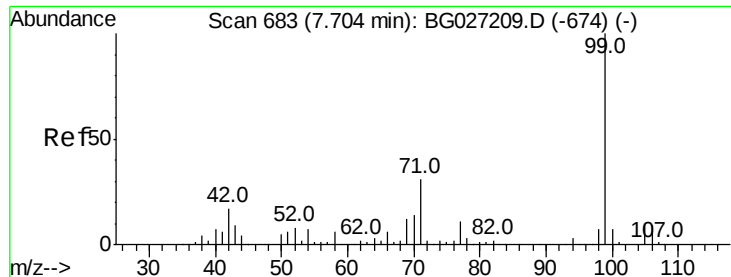
2-Fluorophenol
Concen: 152.61 ng
RT: 6.14 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027291.D
Acq: 7 Jun 2017 19:58

Tgt Ion:112 Resp: 481922
Ion Ratio Lower Upper
112 100
64 64.5 61.8 92.6
63 32.3 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: 146.49 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027291.D

Acq: 7 Jun 2017 19:58

Instrument :

BNA_G

ClientSampleId :

PB99548TB

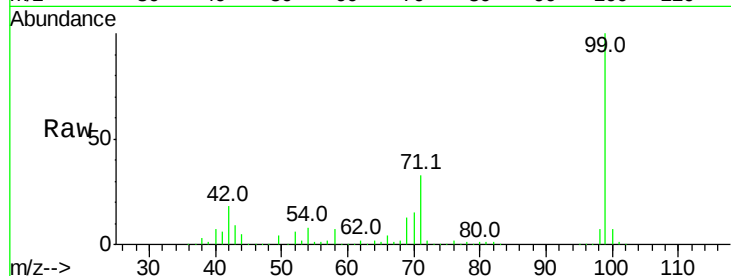
Tot Ion: 99 Resp: 679043

Ion Ratio Lower Upper

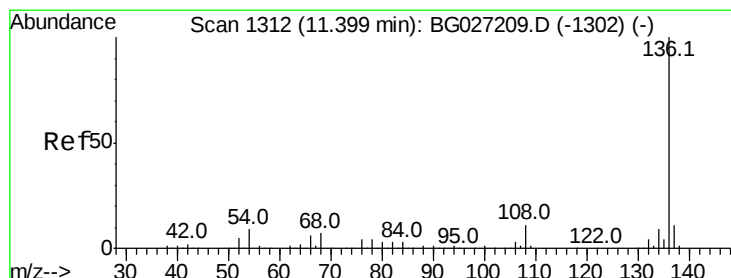
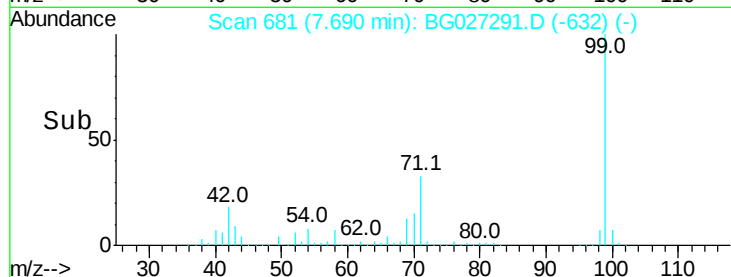
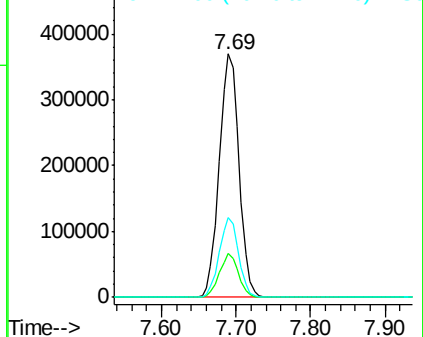
99 100

42 17.8 20.5 30.7#

71 32.7 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: BG027291.D

Acq: 7 Jun 2017 19:58

Tgt Ion: 136 Resp: 230853

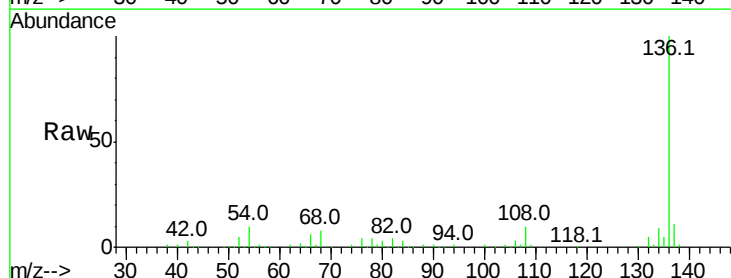
Ion Ratio Lower Upper

136 100

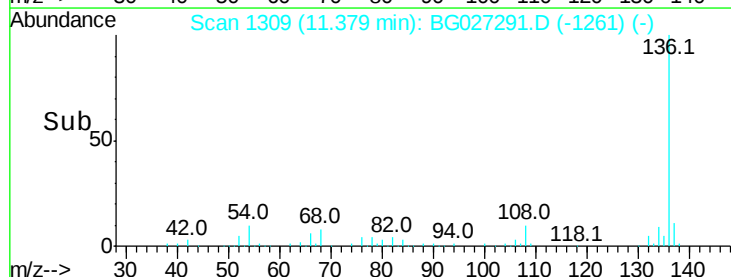
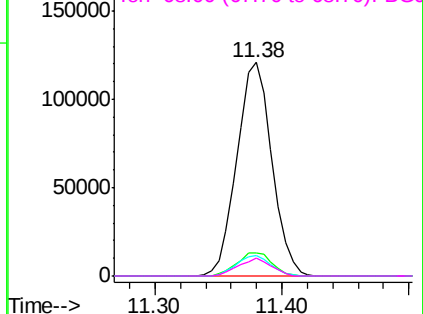
137 10.7 8.9 13.3

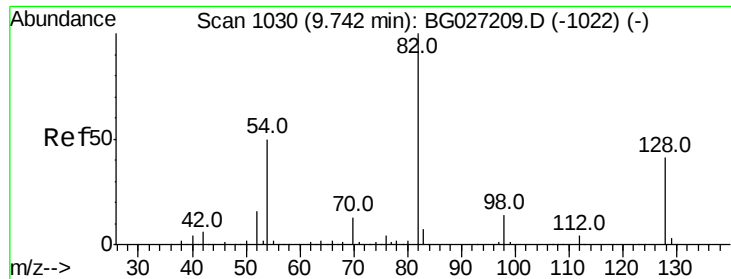
54 9.5 9.3 13.9

68 8.3 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

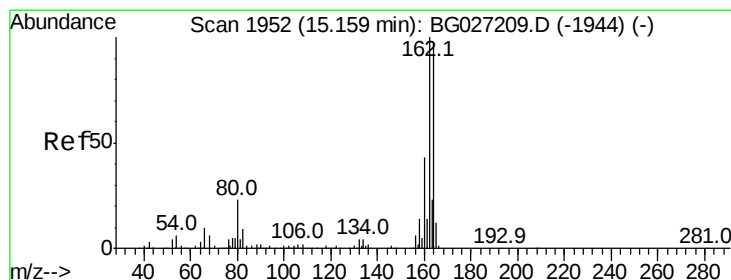
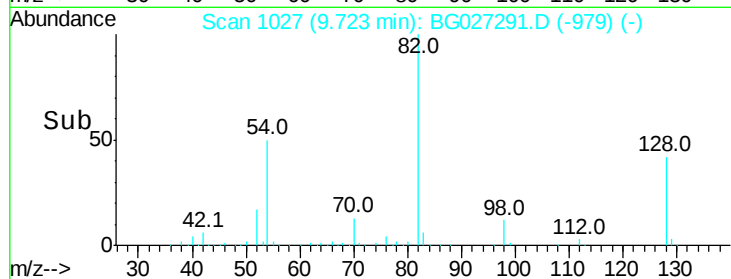
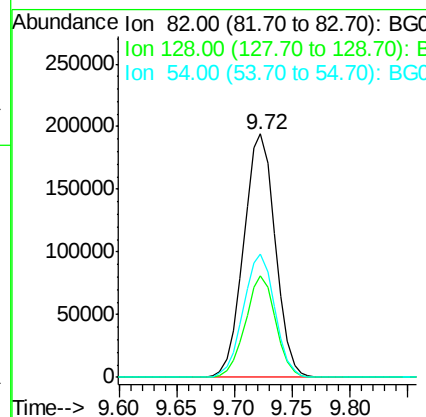
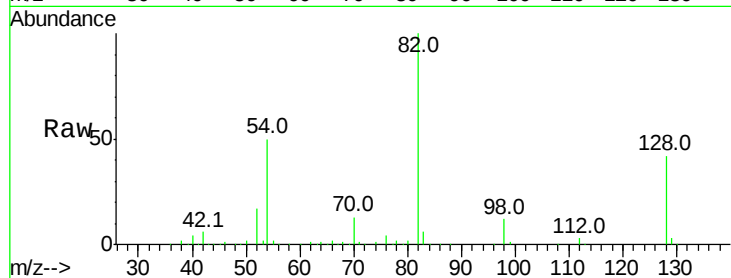




#23
 Nitrobenzene-d5
 Concen: 100.25 ng
 RT: 9.72 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BG027291.D
 Acq: 7 Jun 2017 19:58

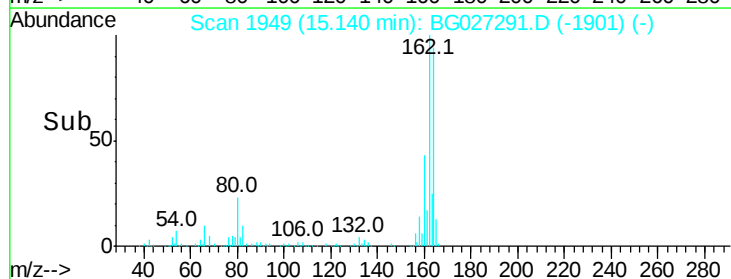
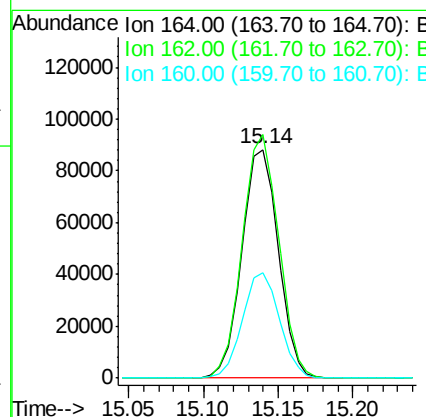
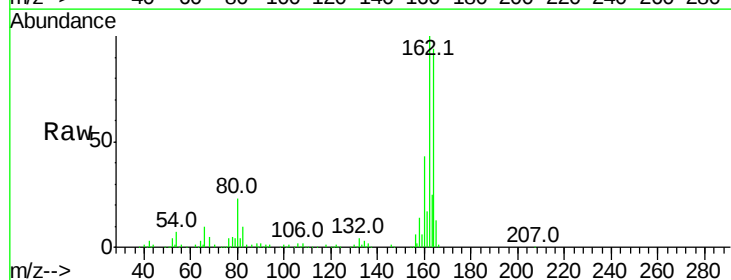
Instrument :
 BNA_G
 ClientSampleId :
 PB99548TB

Tot Ion	82	Resp	367999
Ion Ratio	100	Lower	Upper
128	41.6	26.4	39.6
54	50.5	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: BG027291.D
 Acq: 7 Jun 2017 19:58

Tgt Ion	164	Resp	149470
Ion Ratio	100	Lower	Upper
162	106.4	85.1	127.7
160	46.1	34.7	52.1

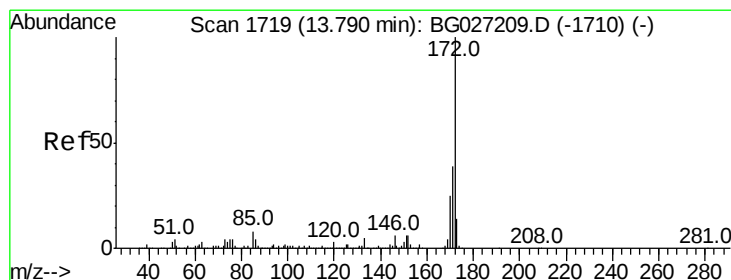
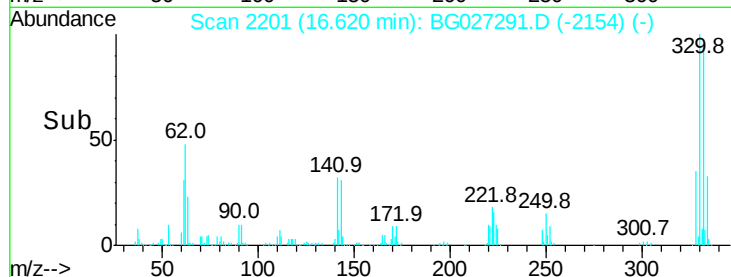
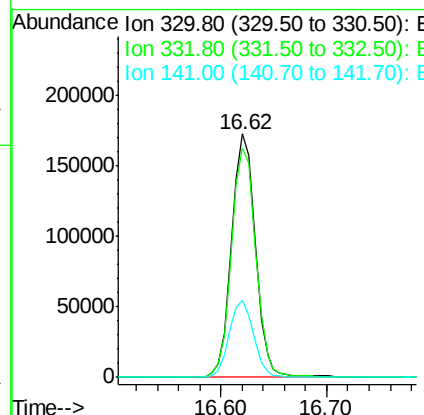
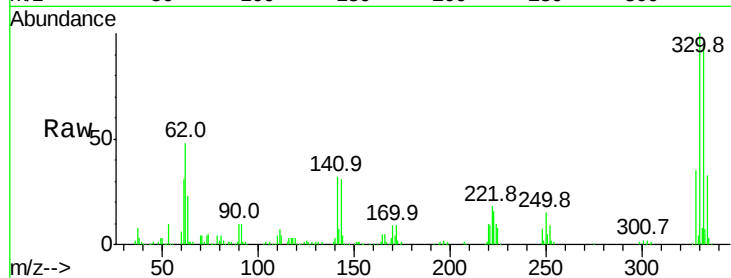




#41
 2,4,6-Tribromophenol
 Concen: 136.39 ng
 RT: 16.62 min Scan# 2201
 Delta R.T. -0.03 min
 Lab File: BG027291.D
 Acq: 7 Jun 2017 19:58

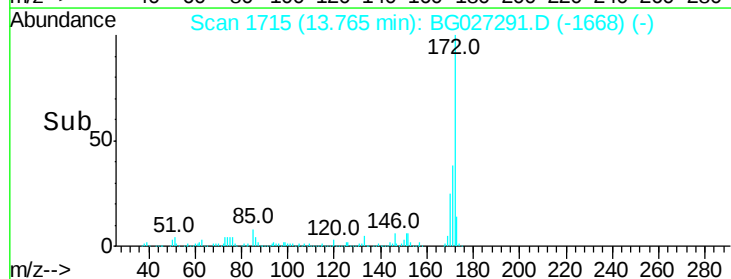
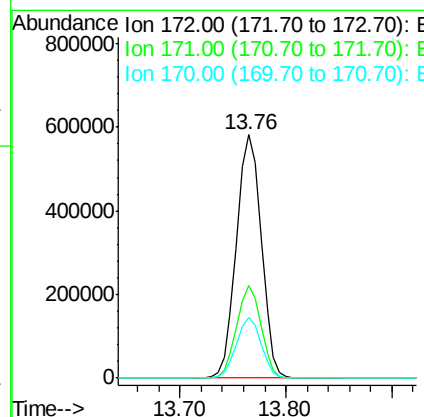
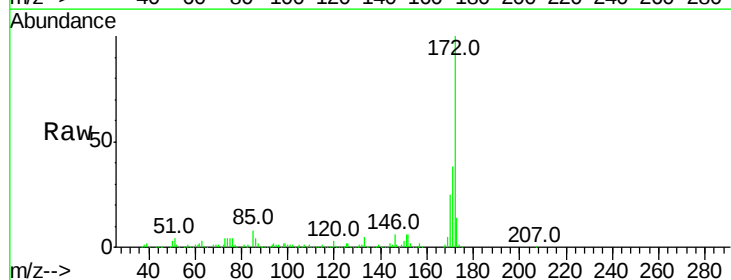
Instrument :
 BNA_G
 ClientSampleId :
 PB99548TB

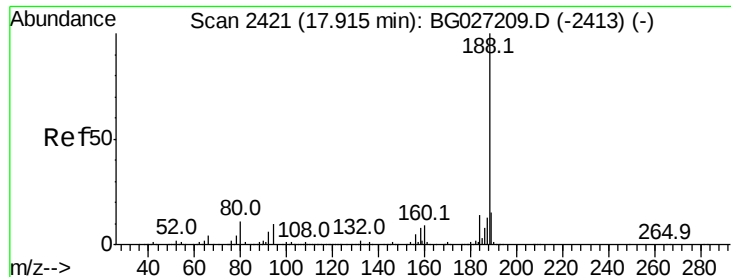
Tot Ion:330 Resp: 268452
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.3 115.9
 141 32.7 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 88.28 ng
 RT: 13.76 min Scan# 1715
 Delta R.T. -0.03 min
 Lab File: BG027291.D
 Acq: 7 Jun 2017 19:58

Tgt Ion:172 Resp: 943196
 Ion Ratio Lower Upper
 172 100
 171 37.8 32.2 48.2
 170 24.9 21.8 32.6

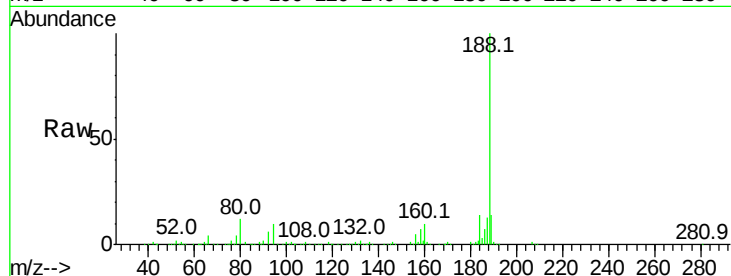




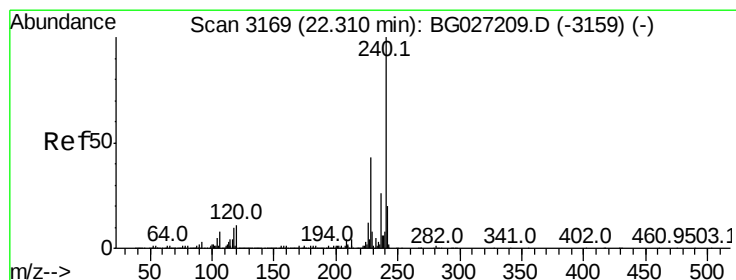
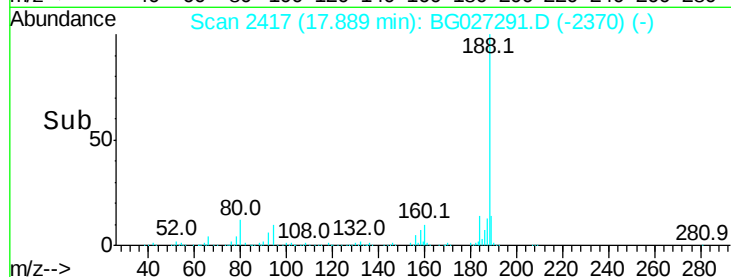
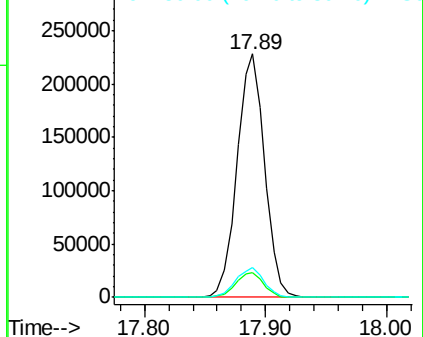
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.89 min Scan# 2417
Delta R.T. -0.03 min
Lab File: BG027291.D
Acq: 7 Jun 2017 19:58

Instrument :
BNA_G
ClientSampleId :
PB99548TB

Tot Ion:188 Resp: 361822
Ion Ratio Lower Upper
188 100
94 10.3 5.8 8.8#
80 12.2 7.5 11.3#

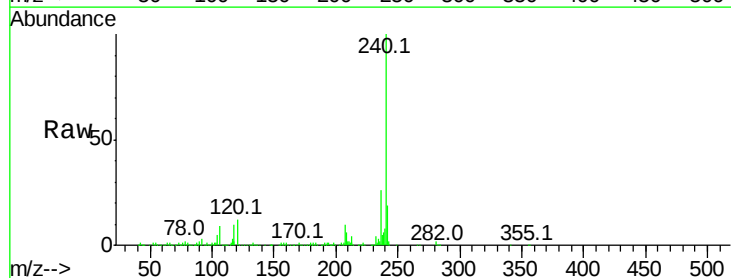


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

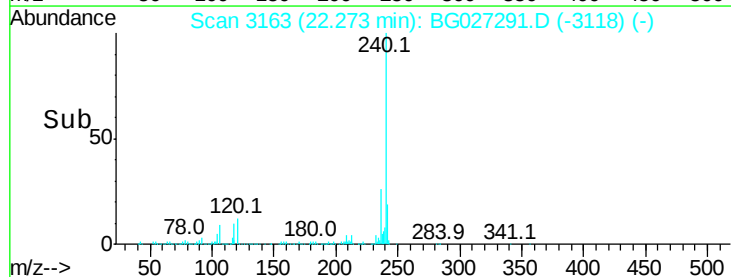
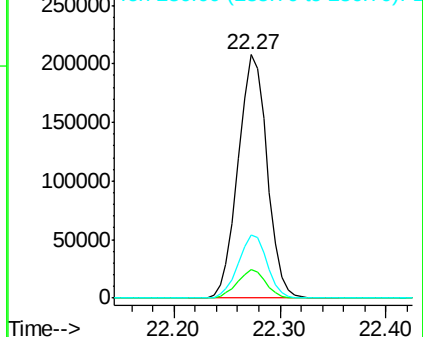


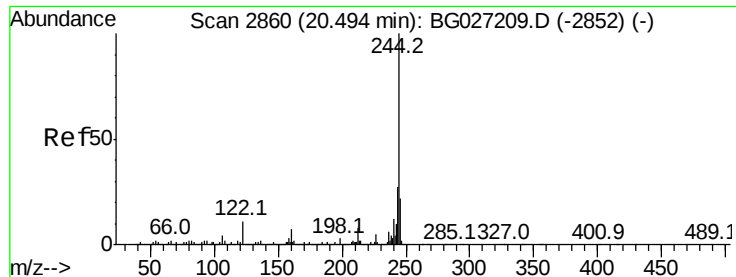
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.27 min Scan# 3163
Delta R.T. -0.04 min
Lab File: BG027291.D
Acq: 7 Jun 2017 19:58

Tgt Ion:240 Resp: 396243
Ion Ratio Lower Upper
240 100
120 11.8 5.7 8.5#
236 25.9 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: 92.82 ng

RT: 20.47 min Scan# 2856

Delta R.T. -0.03 min

Lab File: BG027291.D

Acq: 7 Jun 2017 19:58

Instrument :

BNA_G

ClientSampleId :

PB99548TB

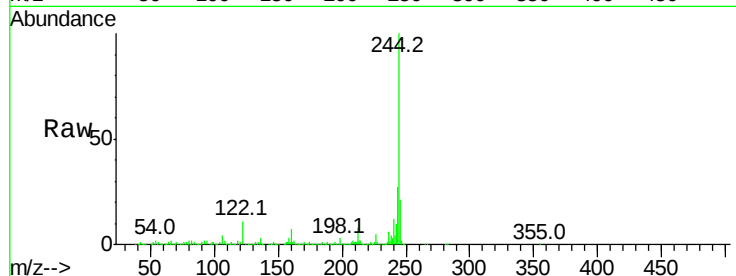
Tot Ion:244 Resp: 1441751

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

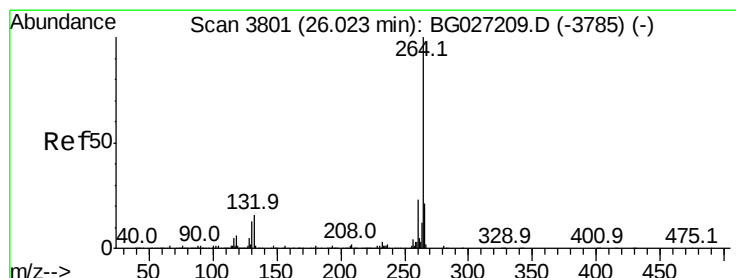
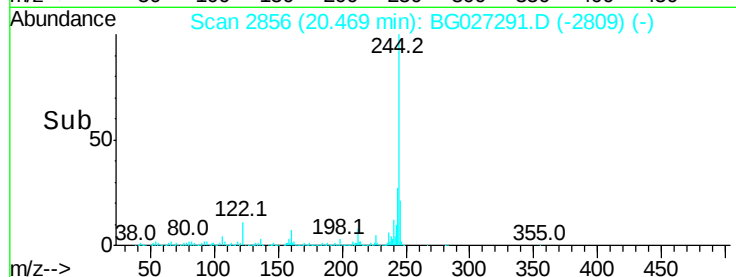
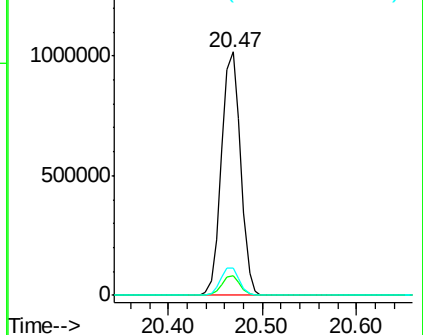
122 11.0 8.6 12.8



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: BG027291.D

Acq: 7 Jun 2017 19:58

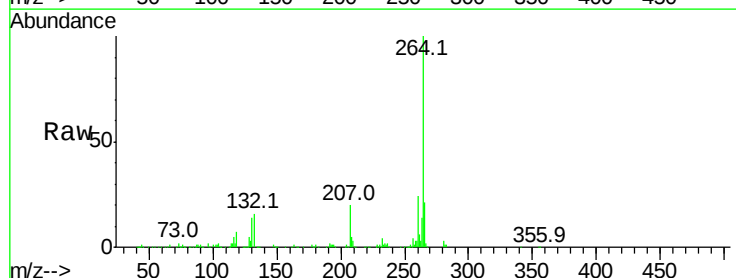
Tgt Ion:264 Resp: 366164

Ion Ratio Lower Upper

264 100

260 24.4 21.8 32.8

265 20.7 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

