

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
 Data File : BG027295.D
 Acq On : 7 Jun 2017 22:35
 Operator : SJ/MA
 Sample : I3473-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUP

Quant Time: Jun 08 07:00:05 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	51073	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	241107	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	158118	20.00	ng	-0.02
63) Phenanthrene-d10	17.88	188	366628	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	407676	20.00	ng	-0.04
86) Perylene-d12	25.96	264	381633	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	75362	22.52	ng	-0.02
7) Phenol-d6	7.68	99	94423	19.22	ng	-0.02
23) Nitrobenzene-d5	9.72	82	190132	49.59	ng	-0.03
41) 2,4,6-Tribromophenol	16.62	330	65937	31.67	ng	-0.03
44) 2-Fluorobiphenyl	13.76	172	499770	44.22	ng	-0.03
78) Terphenyl-d14	20.46	244	766527	47.96	ng	-0.03

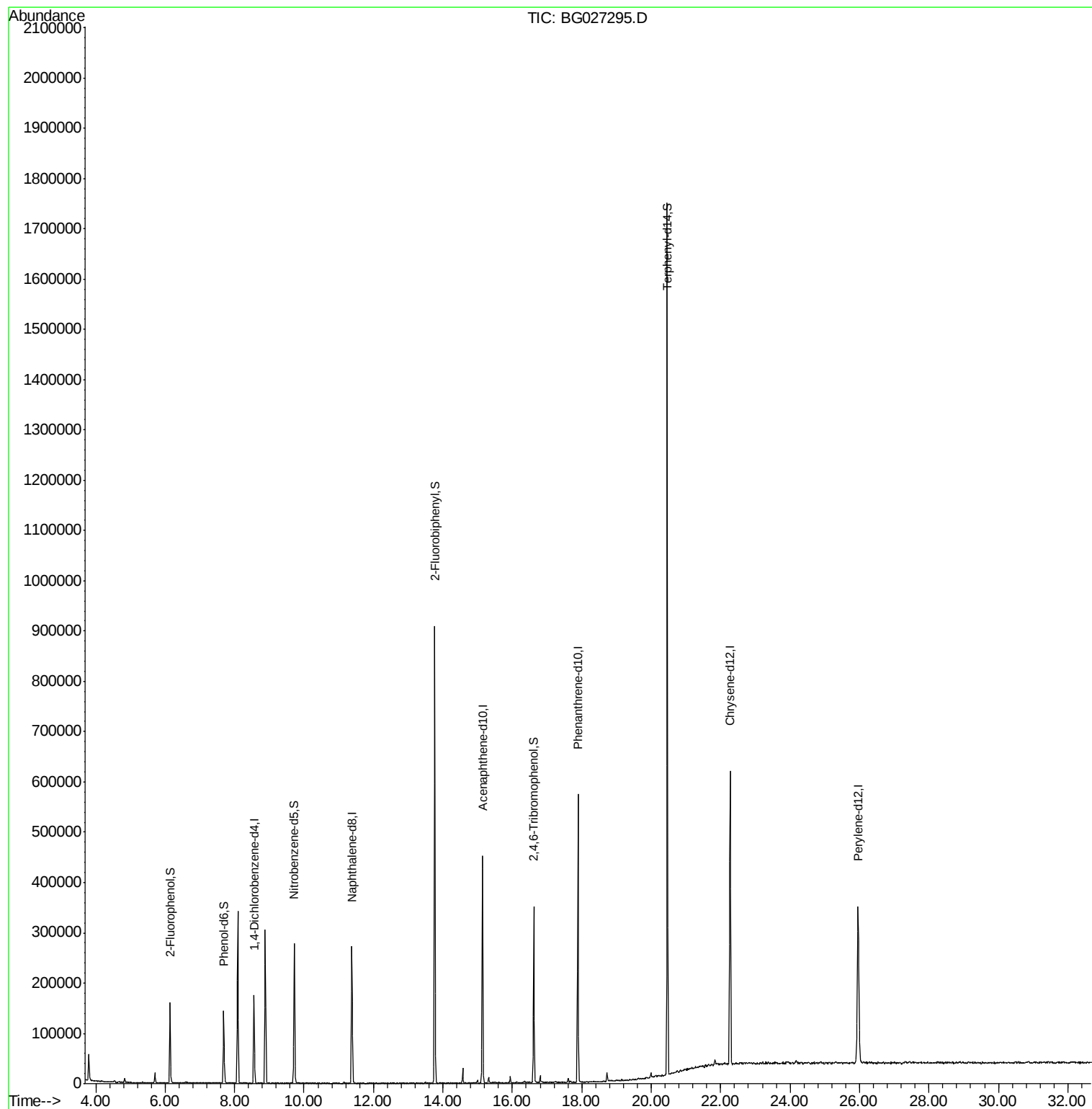
Target Compounds Qvalue

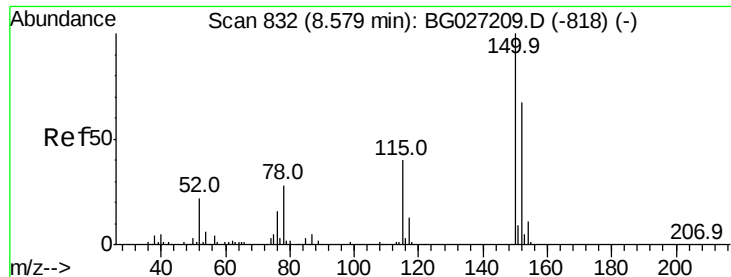
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG027295.D

Acq: 7 Jun 2017 22:35

Instrument :

BNA_G

ClientSampleId :

DUP

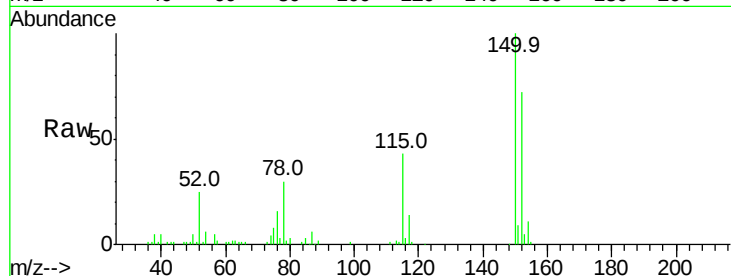
Tot Ion:152 Resp: 51073

Ion Ratio Lower Upper

152 100

150 139.8 114.0 171.0

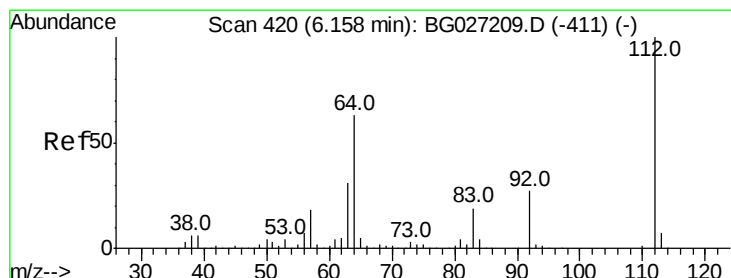
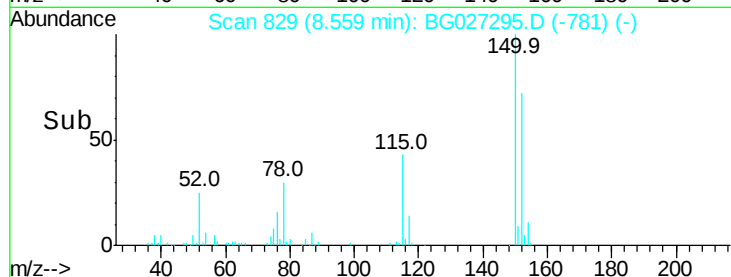
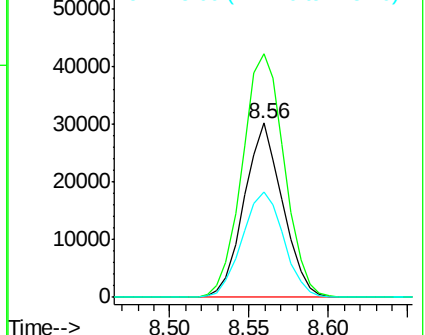
115 60.8 48.1 72.1



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: 22.52 ng

RT: 6.14 min Scan# 417

Delta R.T. -0.02 min

Lab File: BG027295.D

Acq: 7 Jun 2017 22:35

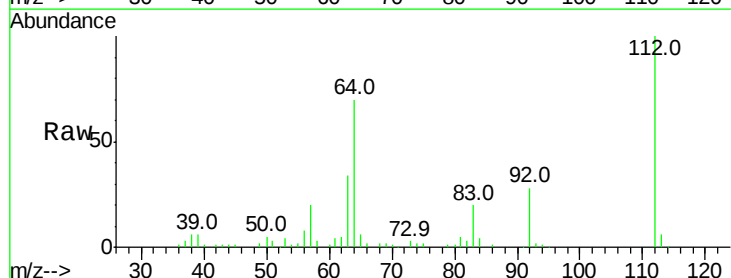
Tgt Ion:112 Resp: 75362

Ion Ratio Lower Upper

112 100

64 70.0 61.8 92.6

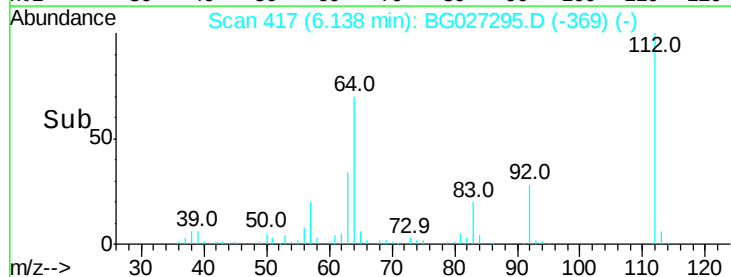
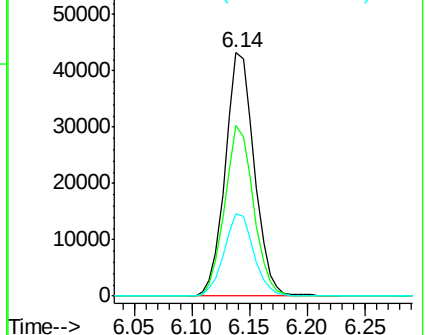
63 34.0 37.2 55.8#

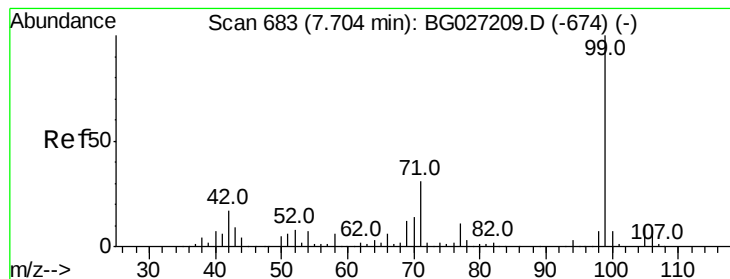


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 19.22 ng

RT: 7.68 min Scan# 680

Delta R.T. -0.02 min

Lab File: BG027295.D

Acq: 7 Jun 2017 22:35

Instrument :

BNA_G

ClientSampleId :

DUP

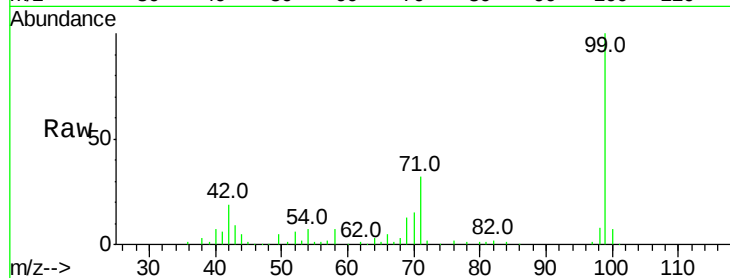
Tot Ion: 99 Resp: 94423

Ion Ratio Lower Upper

99 100

42 18.5 20.5 30.7#

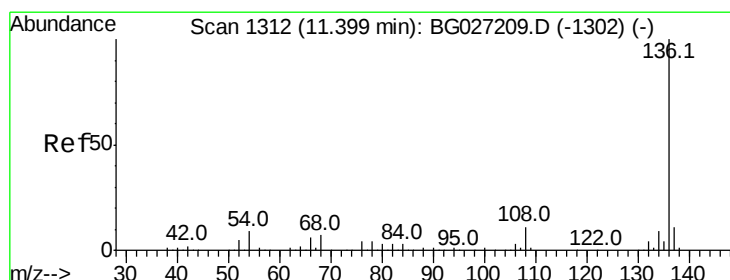
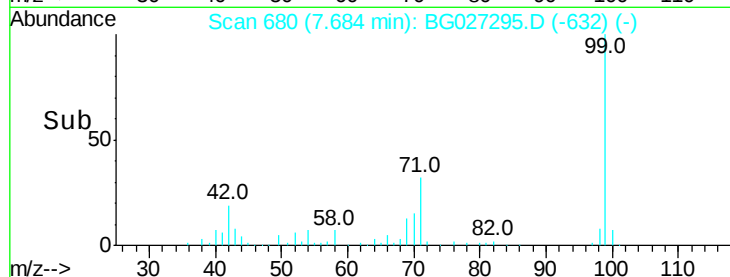
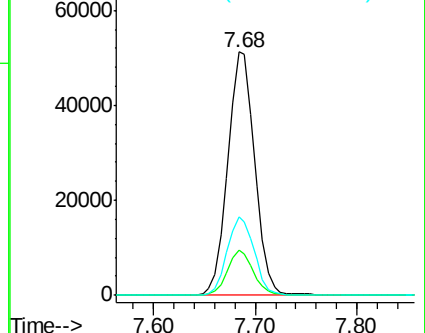
71 32.3 37.6 56.4#



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: BG027295.D

Acq: 7 Jun 2017 22:35

Tgt Ion: 136 Resp: 241107

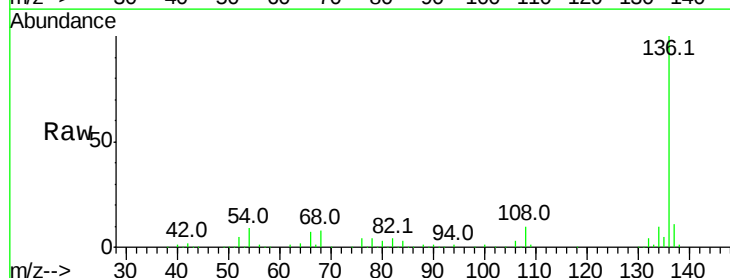
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.5 9.3 13.9

68 7.8 5.1 7.7#

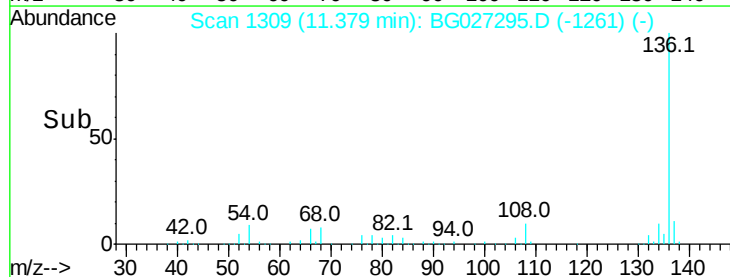
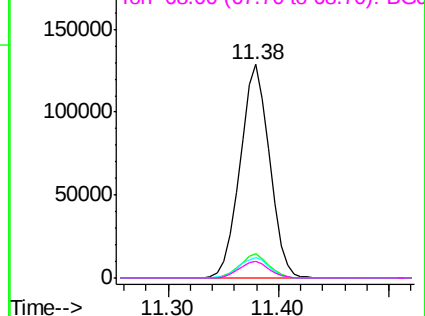


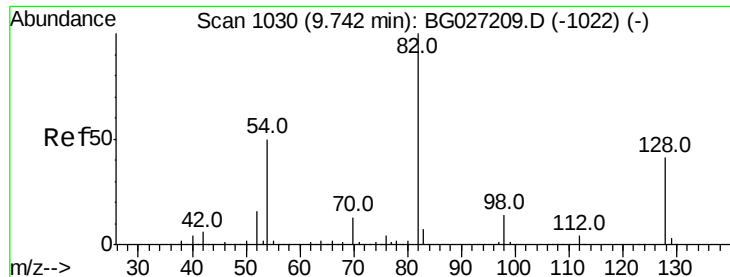
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

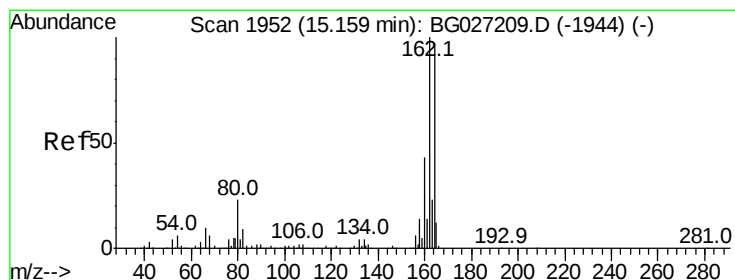
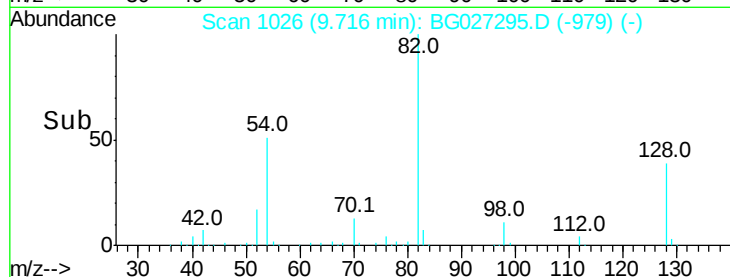
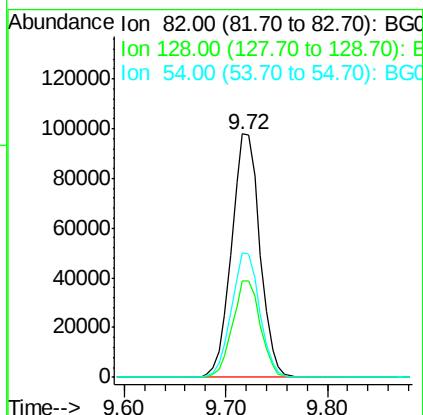
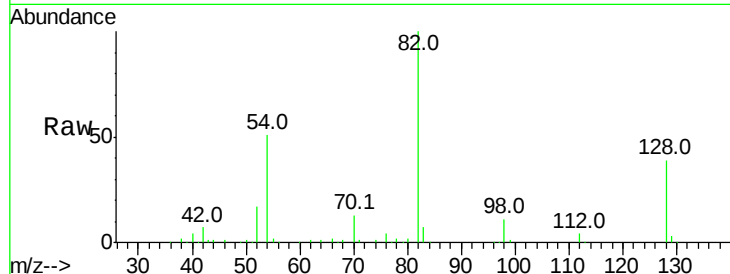




#23
Nitrobenzene-d5
Concen: 49.59 ng
RT: 9.72 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BG027295.D
Acq: 7 Jun 2017 22:35

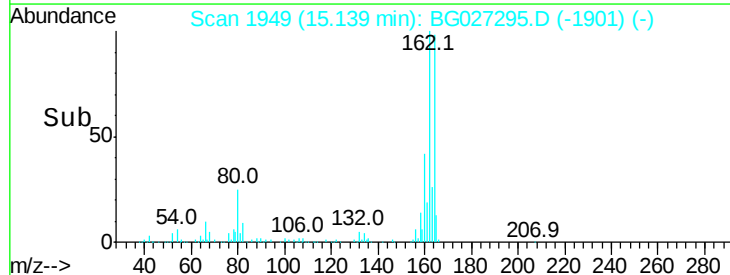
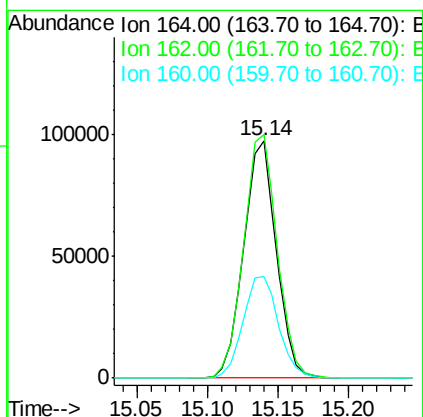
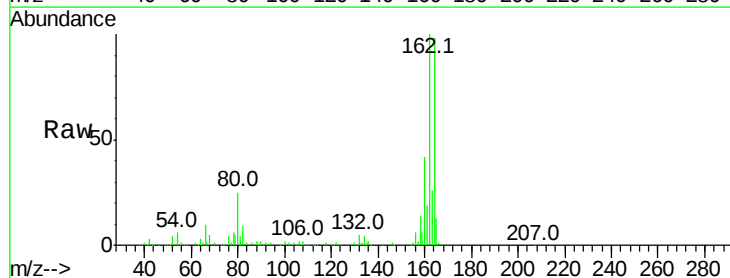
Instrument :
BNA_G
ClientSampleID :
DUP

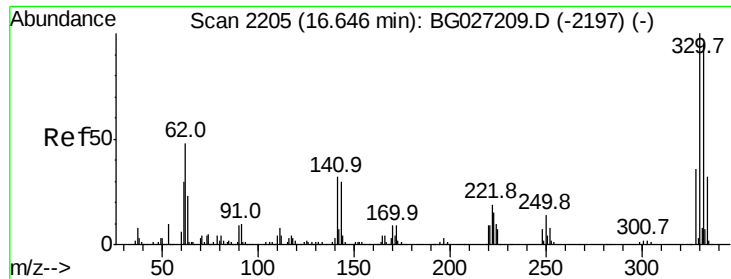
Tot Ion	82	Resp	190132
Ion	Ratio	Lower	Upper
82	100		
128	39.4	26.4	39.6
54	51.0	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.14 min Scan# 1949
Delta R.T. -0.02 min
Lab File: BG027295.D
Acq: 7 Jun 2017 22:35

Tgt Ion	164	Resp	158118
Ion	Ratio	Lower	Upper
164	100		
162	102.4	85.1	127.7
160	42.9	34.7	52.1

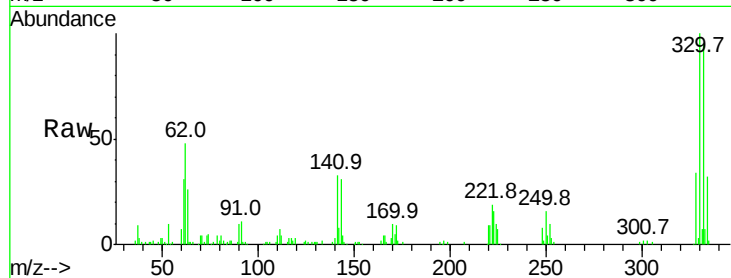




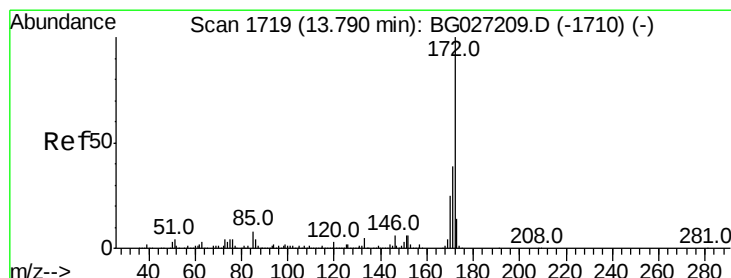
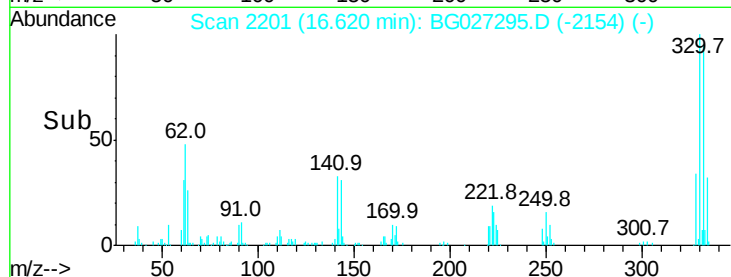
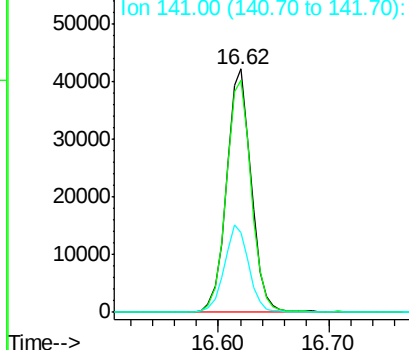
#41
 2,4,6-Tribromophenol
 Concen: 31.67 ng
 RT: 16.62 min Scan# 2201
 Delta R.T. -0.03 min
 Lab File: BG027295.D
 Acq: 7 Jun 2017 22:35

Instrument :
 BNA_G
 ClientSampled :
 DUP

Tot Ion:330 Resp: 65937
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.3 115.9
 141 35.5 32.1 48.1

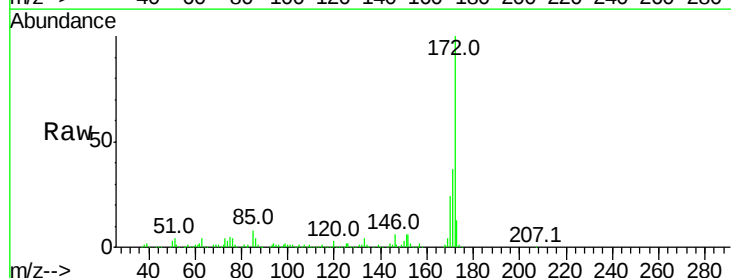


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

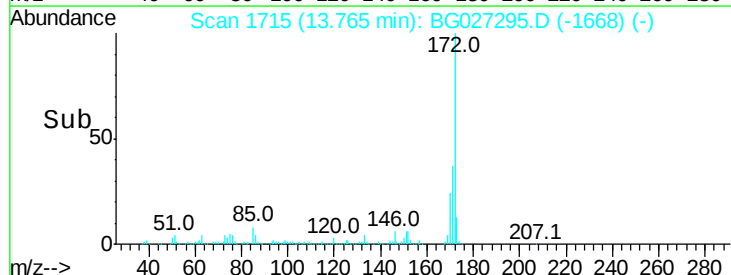
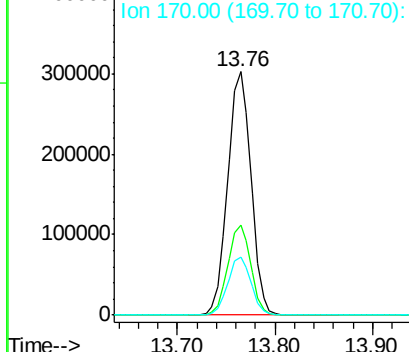


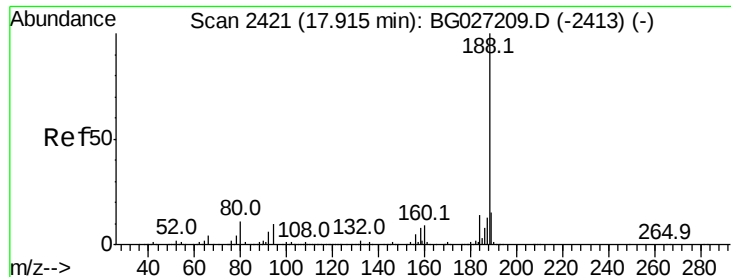
#44
 2-Fluorobiphenyl
 Concen: 44.22 ng
 RT: 13.76 min Scan# 1715
 Delta R.T. -0.03 min
 Lab File: BG027295.D
 Acq: 7 Jun 2017 22:35

Tgt Ion:172 Resp: 499770
 Ion Ratio Lower Upper
 172 100
 171 37.0 32.2 48.2
 170 24.0 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

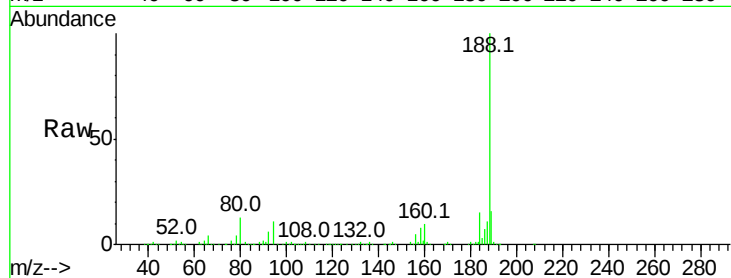




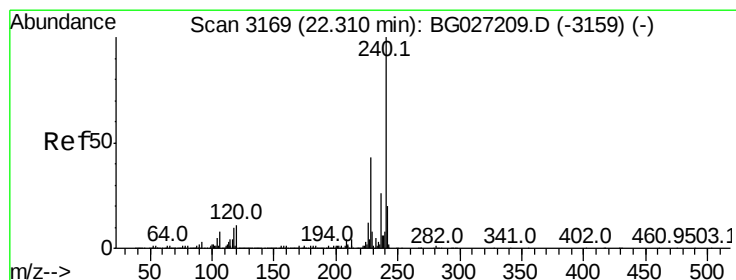
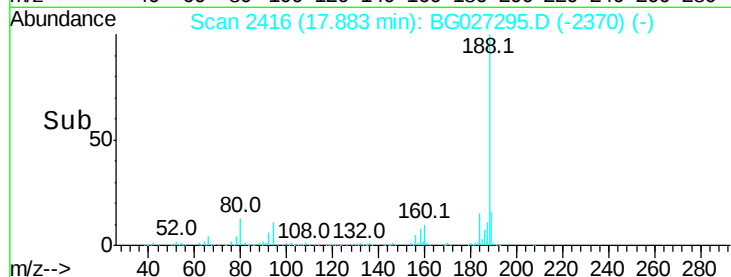
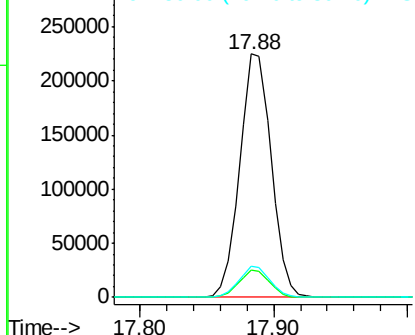
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.88 min Scan# 2416
Delta R.T. -0.03 min
Lab File: BG027295.D
Acq: 7 Jun 2017 22:35

Instrument :
BNA_G
ClientSampleId :
DUP

Tot Ion:188 Resp: 366628
Ion Ratio Lower Upper
188 100
94 11.2 5.8 8.8#
80 12.8 7.5 11.3#

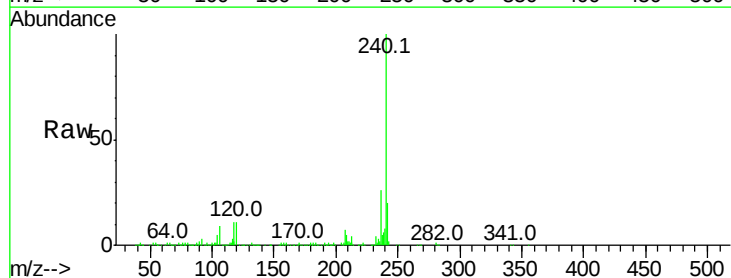


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

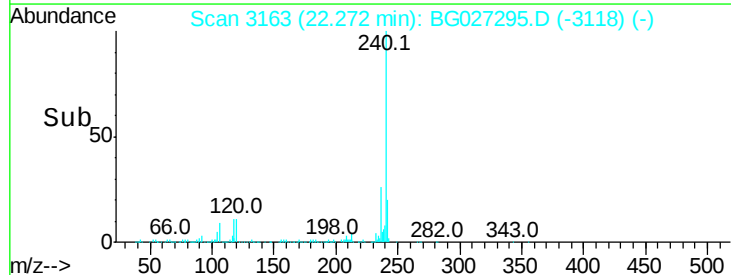
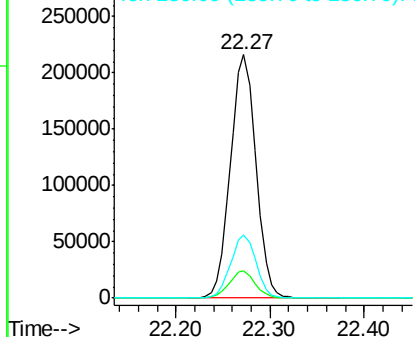


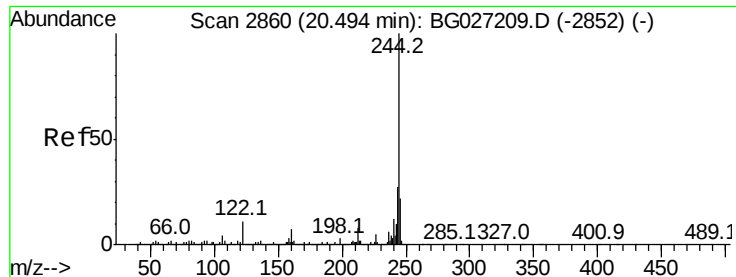
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.27 min Scan# 3163
Delta R.T. -0.04 min
Lab File: BG027295.D
Acq: 7 Jun 2017 22:35

Tgt Ion:240 Resp: 407676
Ion Ratio Lower Upper
240 100
120 11.4 5.7 8.5#
236 26.0 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

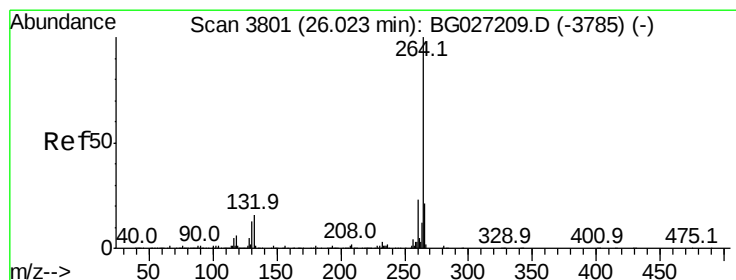
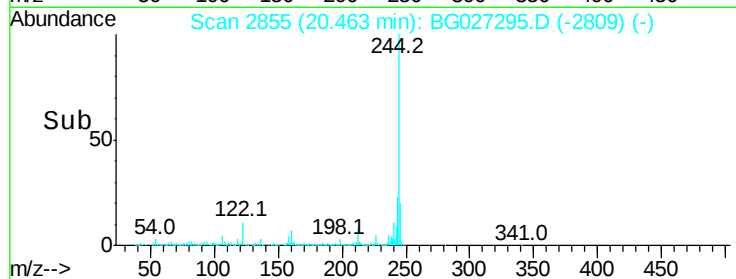
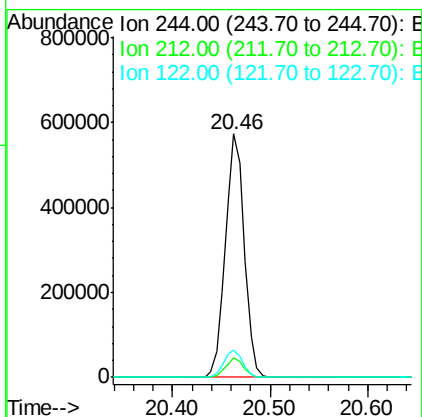
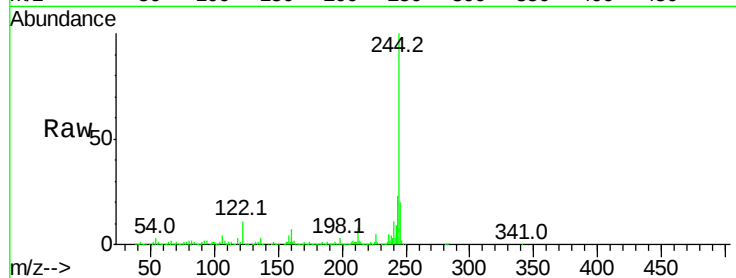




#78
 Terphenyl-d14
 Concen: 47.96 ng
 RT: 20.46 min Scan# 2855
 Delta R.T. -0.03 min
 Lab File: BG027295.D
 Acq: 7 Jun 2017 22:35

Instrument :
 BNA_G
 ClientSampleId :
 DUP

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.8	10.0	15.0#
122	11.1	8.6	12.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.96 min Scan# 3790
 Delta R.T. -0.07 min
 Lab File: BG027295.D
 Acq: 7 Jun 2017 22:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	21.8	32.8
265	22.2	18.2	27.4

