

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
 Data File : BG027307.D
 Acq On : 8 Jun 2017 7:22
 Operator : SJ/MA
 Sample : I3488-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-060517-C

Quant Time: Jun 08 08:34:23 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	45924	20.00	ng	-0.01
21) Naphthalene-d8	11.38	136	212527	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	139092	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	352233	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	401358	20.00	ng	-0.04
86) Perylene-d12	25.96	264	373919	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	470038	156.18	ng	-0.01
7) Phenol-d6	7.70	99	619453	140.22	ng	0.00
23) Nitrobenzene-d5	9.72	82	403279	119.34	ng	-0.02
41) 2,4,6-Tribromophenol	16.62	330	325053	177.47	ng	-0.02
44) 2-Fluorobiphenyl	13.77	172	976933	98.26	ng	-0.02
78) Terphenyl-d14	20.46	244	1659366	105.47	ng	-0.03

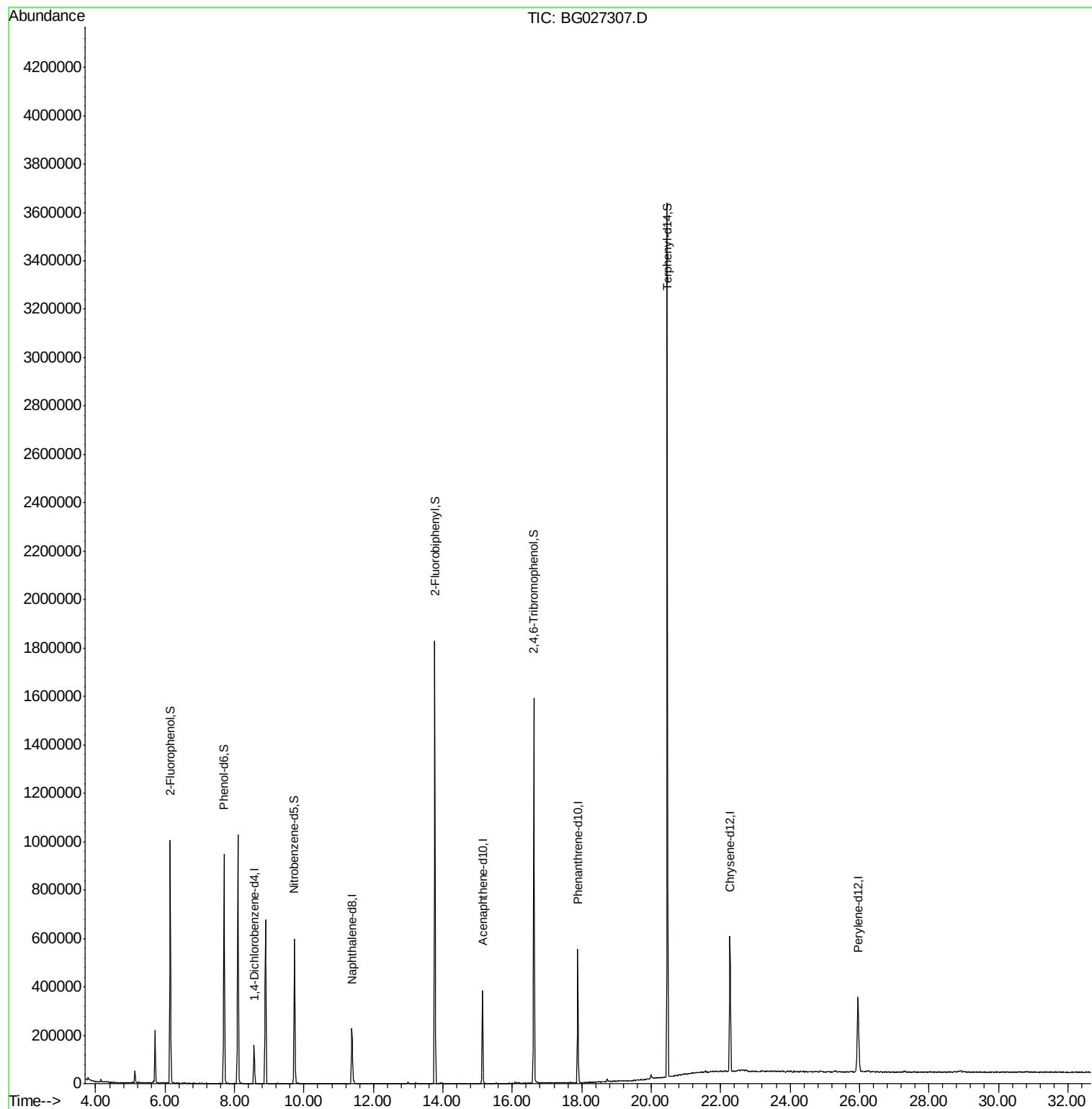
Target Compounds Qvalue

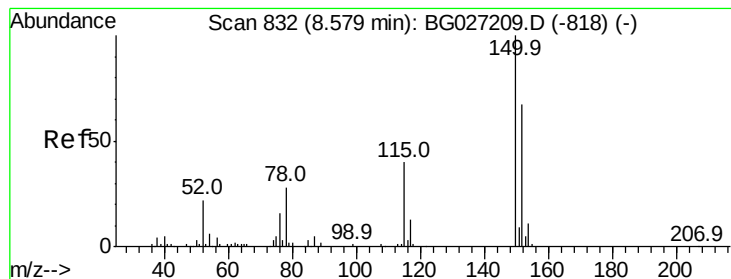
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.57 min Scan# 830

Delta R.T. -0.01 min

Lab File: BG027307.D

Acq: 8 Jun 2017 7:22

Instrument :

BNA_G

ClientSampleId :

TR-04-060517-C

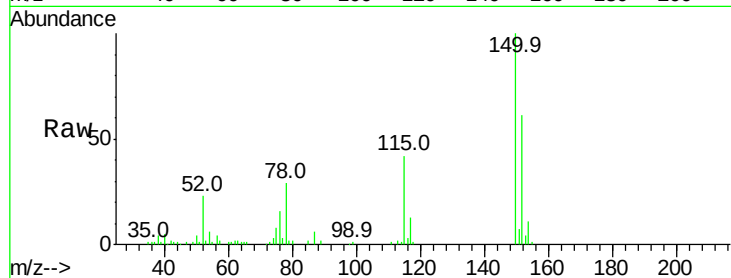
Tot Ion:152 Resp: 45924

Ion Ratio Lower Upper

152 100

150 162.8 114.0 171.0

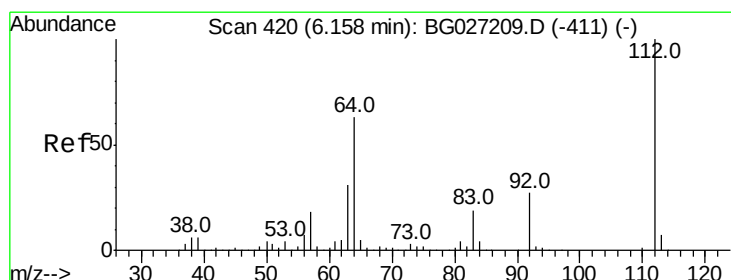
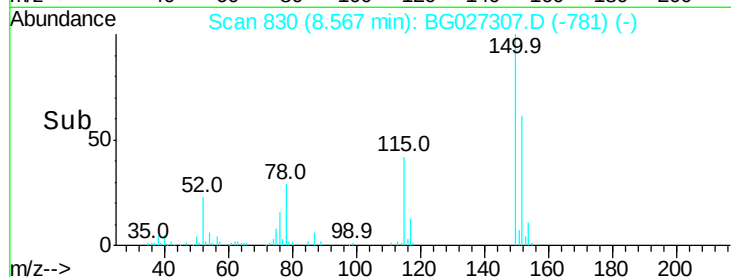
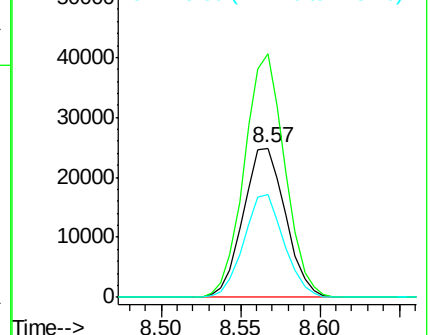
115 69.0 48.1 72.1



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: 156.18 ng

RT: 6.15 min Scan# 418

Delta R.T. -0.01 min

Lab File: BG027307.D

Acq: 8 Jun 2017 7:22

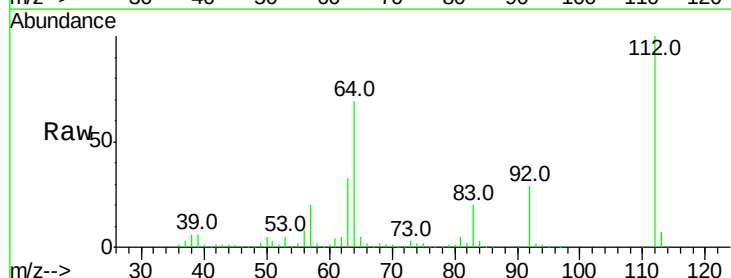
Tgt Ion:112 Resp: 470038

Ion Ratio Lower Upper

112 100

64 69.4 61.8 92.6

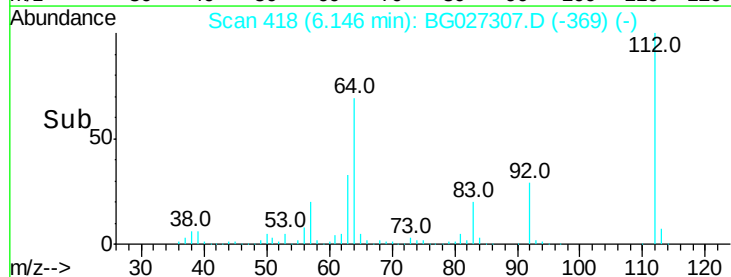
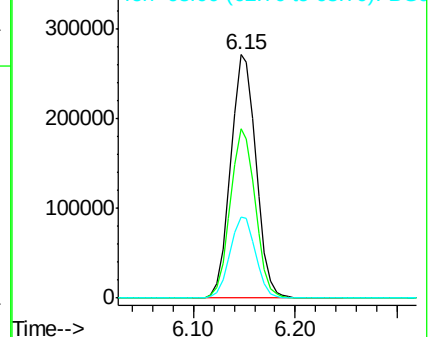
63 33.5 37.2 55.8#

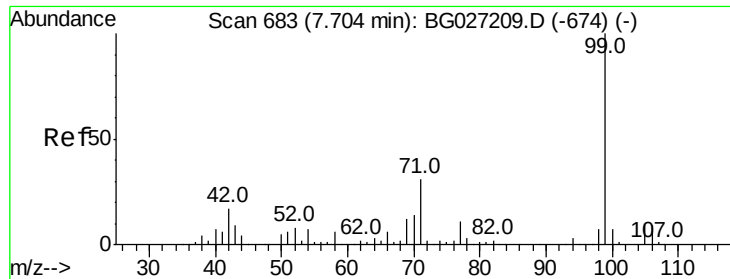


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 140.22 ng

RT: 7.70 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG027307.D

Acq: 8 Jun 2017 7:22

Instrument :

BNA_G

ClientSampleId :

TR-04-060517-C

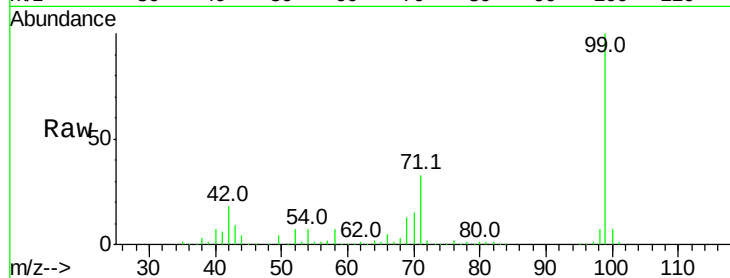
Tot Ion: 99 Resp: 619453

Ion Ratio Lower Upper

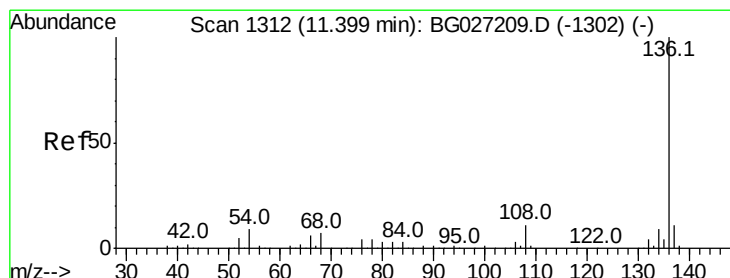
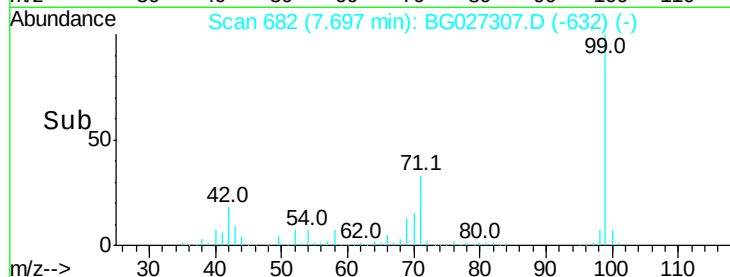
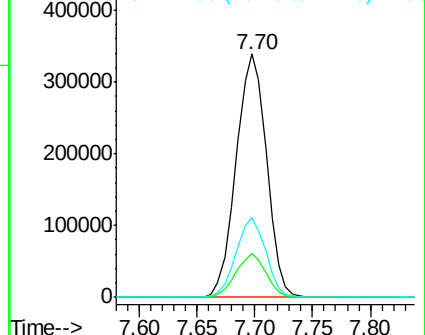
99 100

42 18.1 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: BG027307.D

Acq: 8 Jun 2017 7:22

Tgt Ion: 136 Resp: 212527

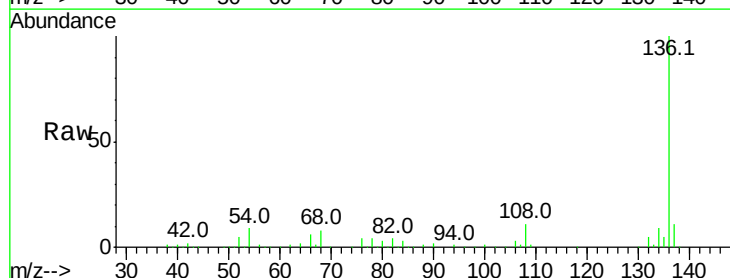
Ion Ratio Lower Upper

136 100

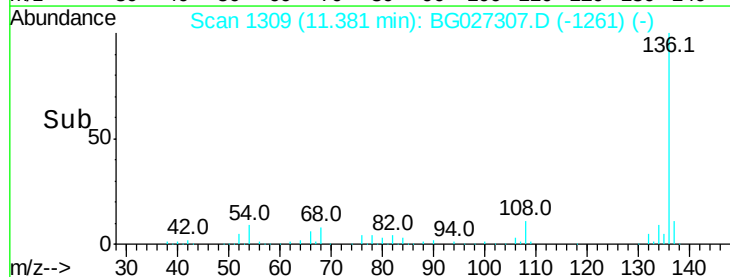
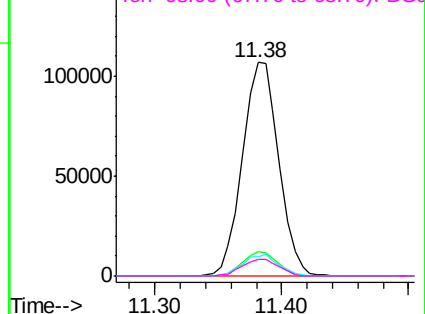
137 11.3 8.9 13.3

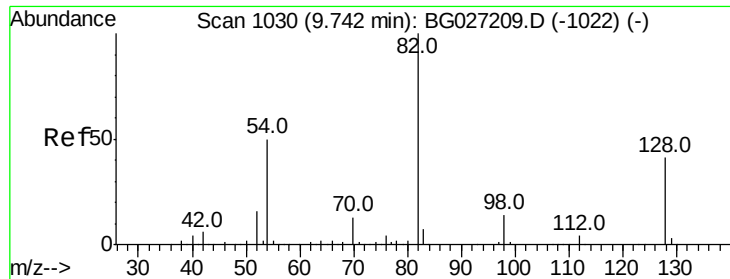
54 9.2 9.3 13.9#

68 7.9 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

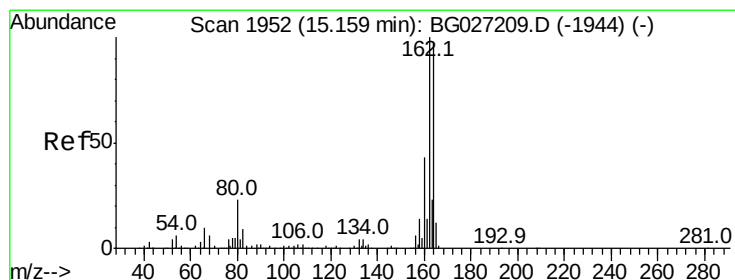
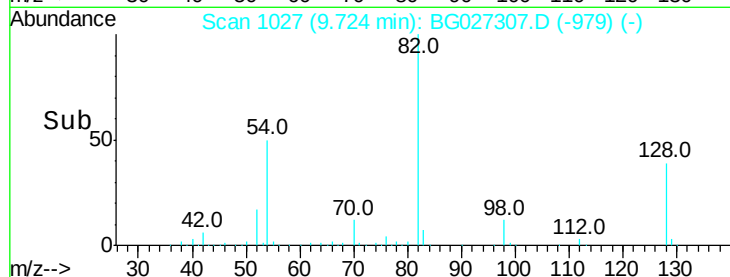
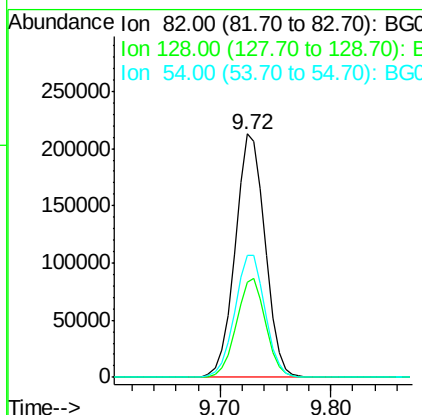
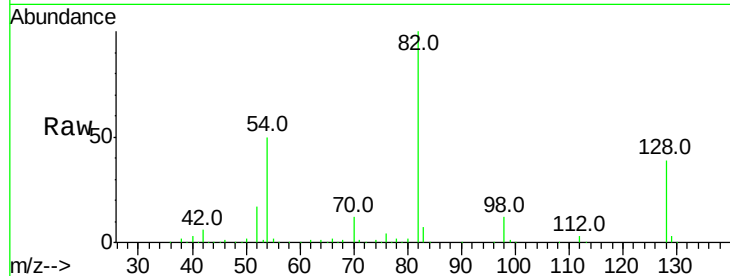




#23
 Nitrobenzene-d5
 Concen: 119.34 ng
 RT: 9.72 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BG027307.D
 Acq: 8 Jun 2017 7:22

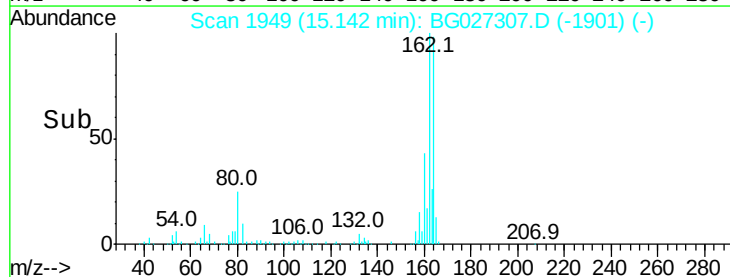
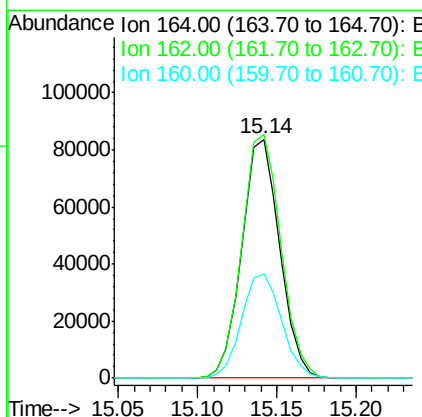
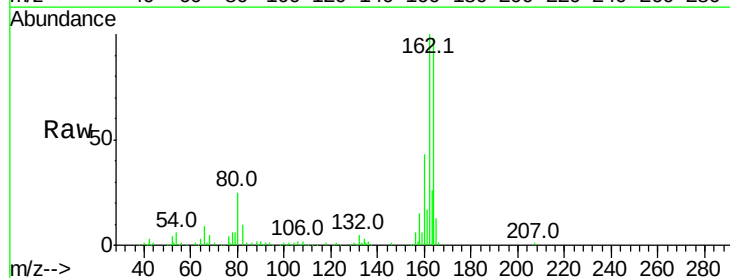
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-060517-C

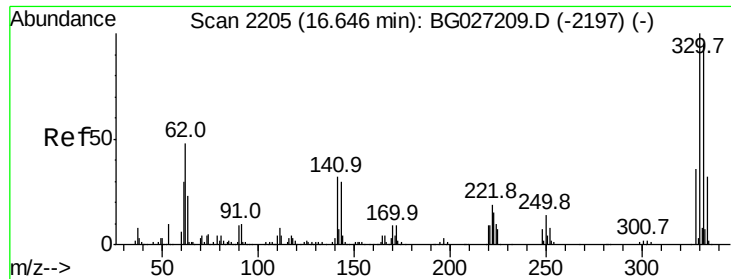
Tot Ion	82	Resp	403279
Ion Ratio	Lower	Upper	
82	100		
128	39.2	26.4	39.6
54	50.1	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1949
 Delta R.T. -0.02 min
 Lab File: BG027307.D
 Acq: 8 Jun 2017 7:22

Tgt Ion	164	Resp	139092
Ion Ratio	Lower	Upper	
164	100		
162	102.0	85.1	127.7
160	43.8	34.7	52.1

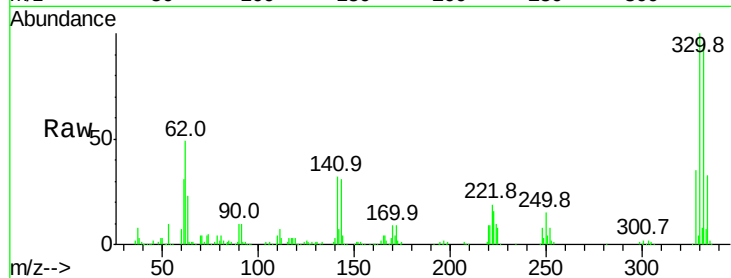




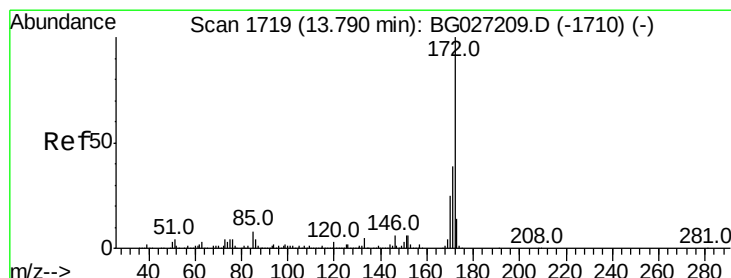
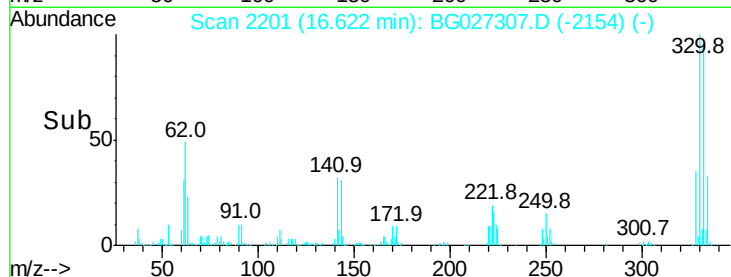
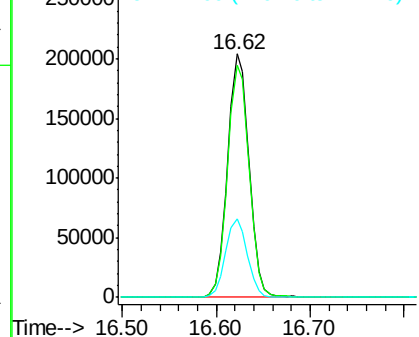
#41
 2,4,6-Tribromophenol
 Concen: 177.47 ng
 RT: 16.62 min Scan# 2201
 Delta R.T. -0.02 min
 Lab File: BG027307.D
 Acq: 8 Jun 2017 7:22

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-060517-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	33.0	32.1	48.1

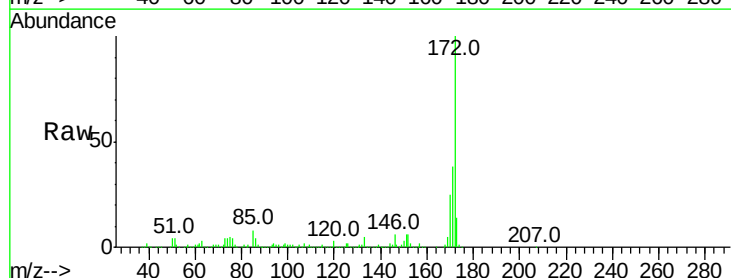


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

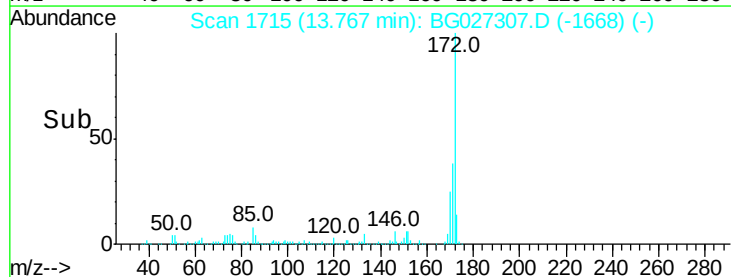
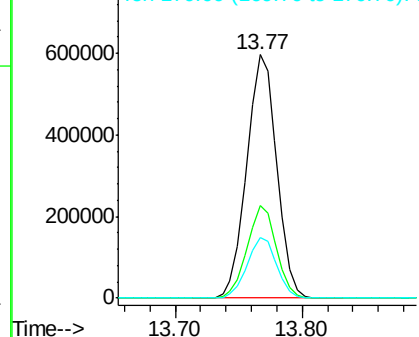


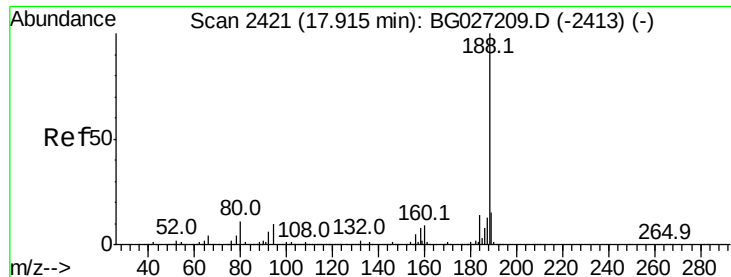
#44
 2-Fluorobiphenyl
 Concen: 98.26 ng
 RT: 13.77 min Scan# 1715
 Delta R.T. -0.02 min
 Lab File: BG027307.D
 Acq: 8 Jun 2017 7:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	32.2	48.2
170	24.6	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# 2416

Delta R.T. -0.03 min

Lab File: BG027307.D

Acq: 8 Jun 2017 7:22

Instrument :

BNA_G

ClientSampleId :

TR-04-060517-C

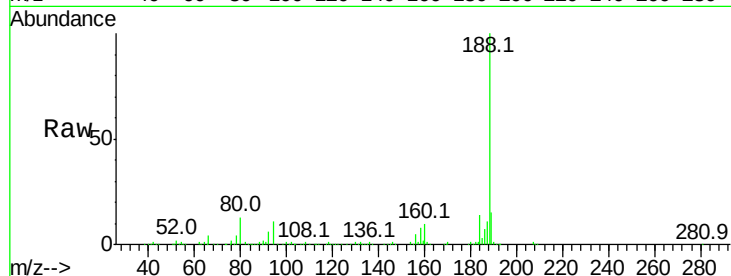
Tot Ion:188 Resp: 352233

Ion Ratio Lower Upper

188 100

94 11.2 5.8 8.8#

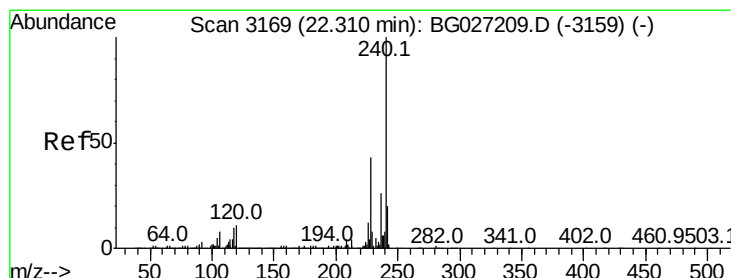
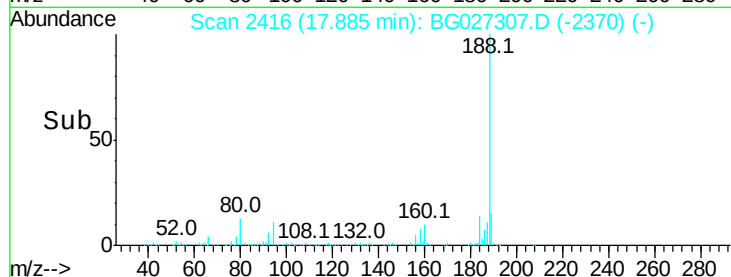
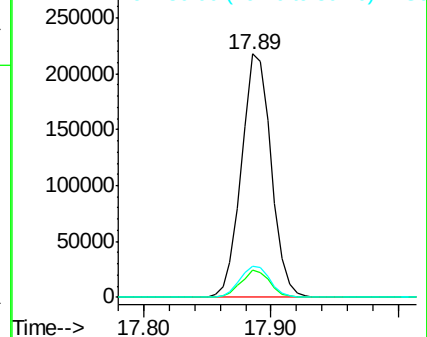
80 13.0 7.5 11.3#



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# 3162

Delta R.T. -0.04 min

Lab File: BG027307.D

Acq: 8 Jun 2017 7:22

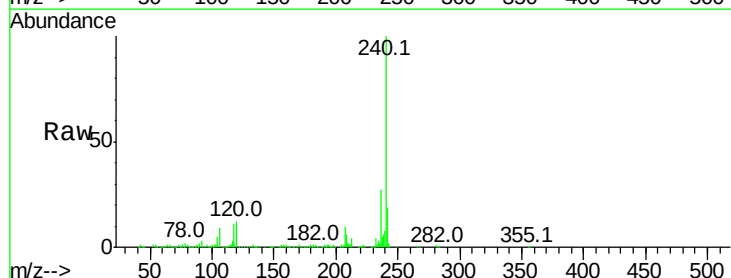
Tgt Ion:240 Resp: 401358

Ion Ratio Lower Upper

240 100

120 12.0 5.7 8.5#

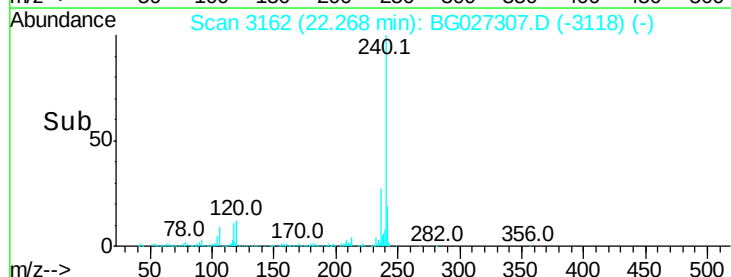
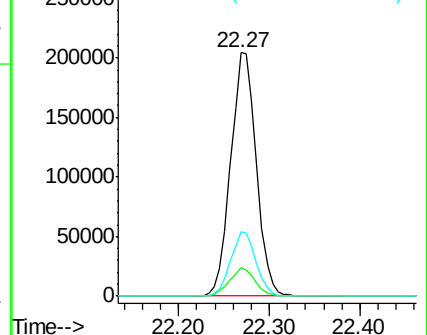
236 26.5 22.2 33.4

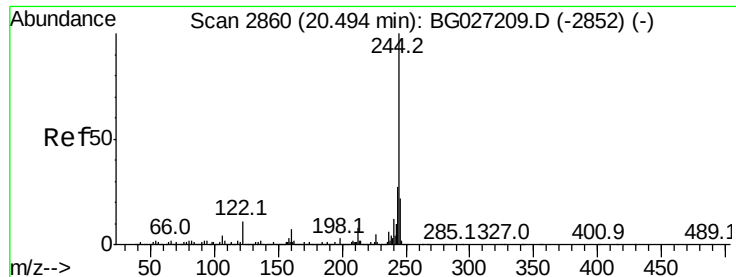


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 105.47 ng

RT: 20.46 min Scan# 2855

Delta R.T. -0.03 min

Lab File: BG027307.D

Acq: 8 Jun 2017 7:22

Instrument :

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ClientSampleId :

TR-04-060517-C

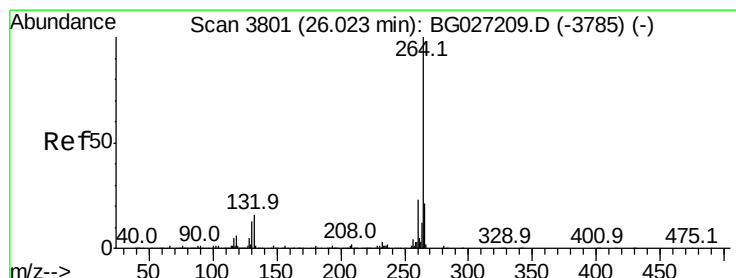
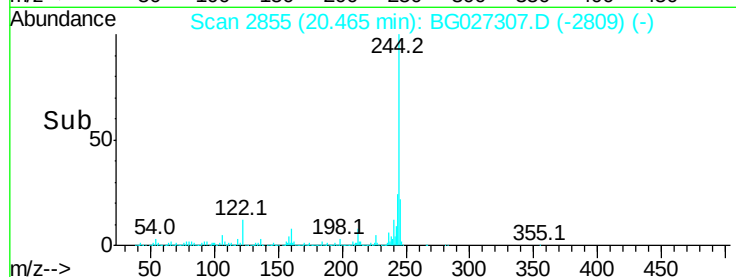
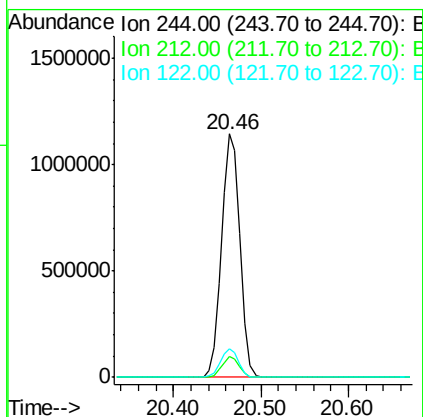
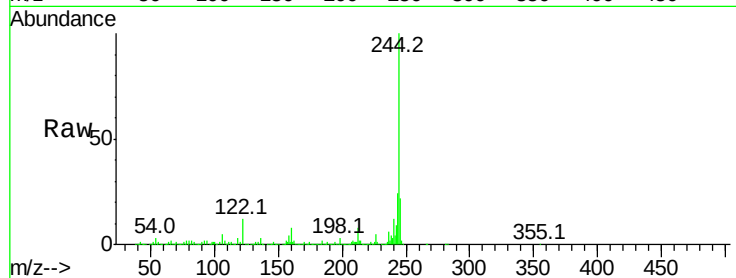
Tot Ion:244 Resp: 1659366

Ion	Ratio	Lower	Upper
244	100		
212	8.4	10.0	15.0#
122	11.9	8.6	12.8

244 100

212 8.4 10.0 15.0#

122 11.9 8.6 12.8



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.96 min Scan# 3790

Delta R.T. -0.06 min

Lab File: BG027307.D

Acq: 8 Jun 2017 7:22

Tgt Ion:264 Resp: 373919

Ion	Ratio	Lower	Upper
264	100		
260	23.8	21.8	32.8
265	21.6	18.2	27.4

264 100

260 23.8 21.8 32.8

265 21.6 18.2 27.4

