

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060617\
 Data File : BG027278.D
 Acq On : 7 Jun 2017 11:27
 Operator : SJ/MA
 Sample : I3478-19
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 159-COMP

Quant Time: Jun 07 12:57:07 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	52613	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	245609	20.00	ng	-0.02
38) Acenaphthene-d10	15.15	164	163291	20.00	ng	-0.01
63) Phenanthrene-d10	17.89	188	392560	20.00	ng	-0.03
75) Chrysene-d12	22.28	240	425536	20.00	ng	-0.03
86) Perylene-d12	25.97	264	397353	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	487465	141.38	ng	-0.01
7) Phenol-d6	7.70	99	633553	125.18	ng	0.00
23) Nitrobenzene-d5	9.72	82	417562	106.92	ng	-0.02
41) 2,4,6-Tribromophenol	16.63	330	333391	155.05	ng	-0.02
44) 2-Fluorobiphenyl	13.77	172	1039452	89.05	ng	-0.02
78) Terphenyl-d14	20.47	244	1568554	94.03	ng	-0.03

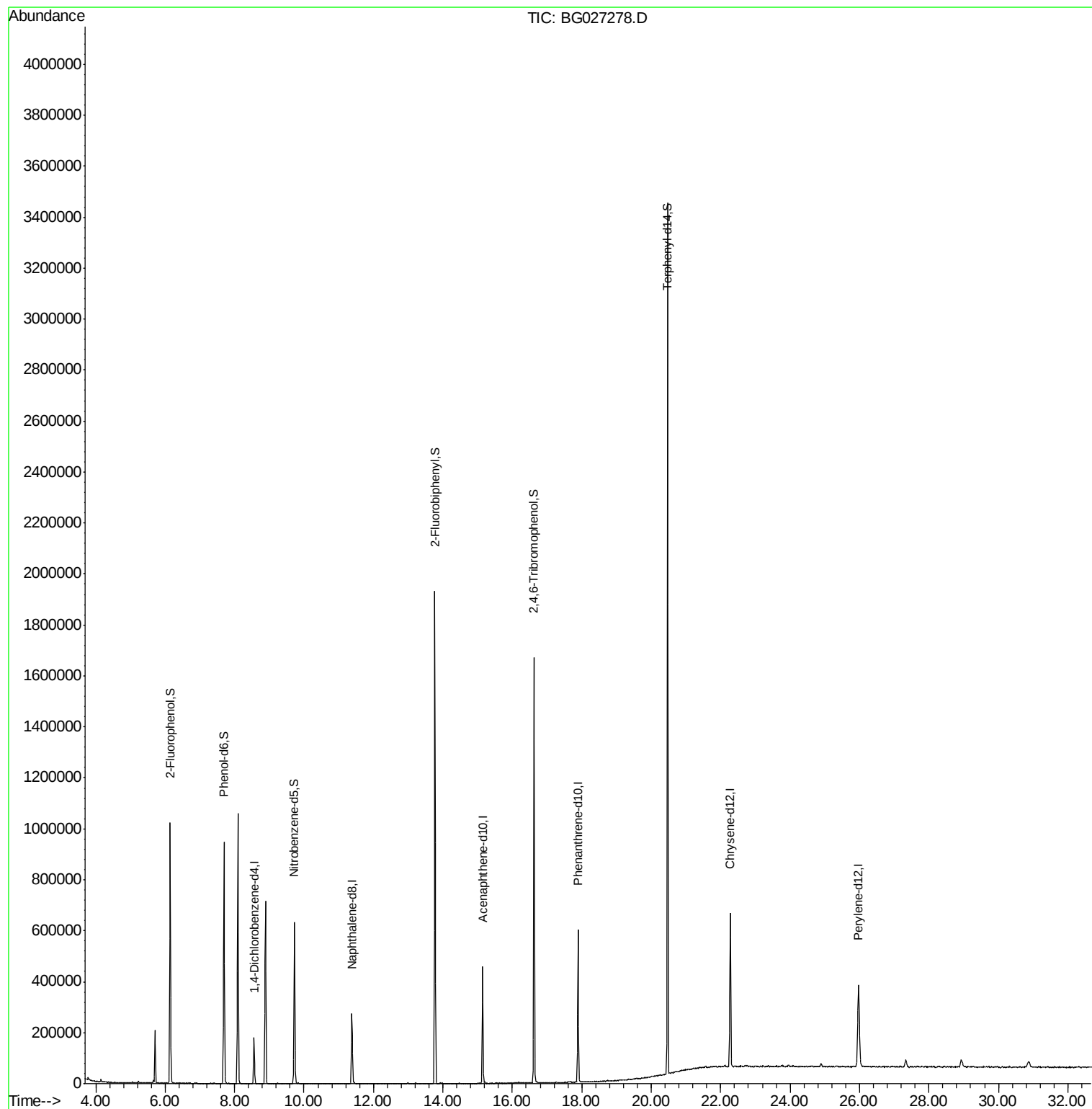
Target Compounds	Qvalue
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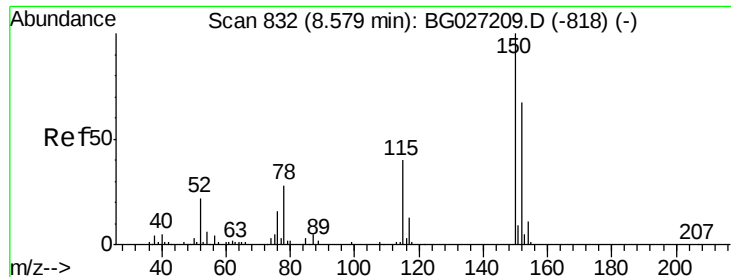
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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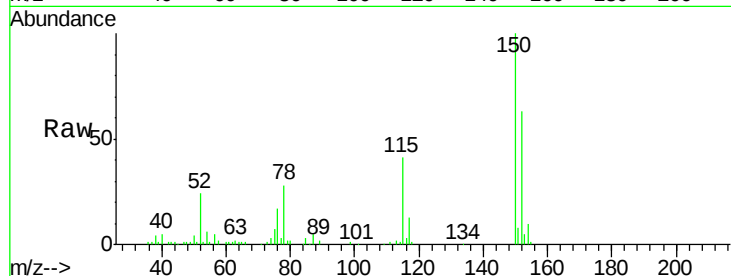


#1

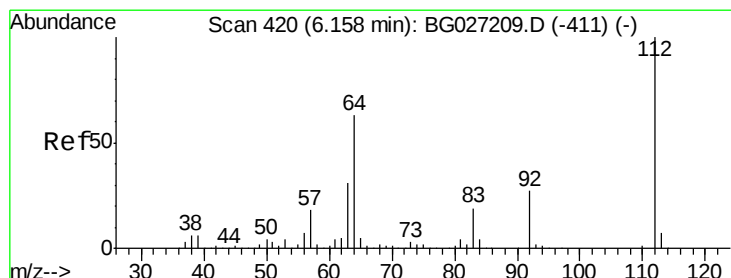
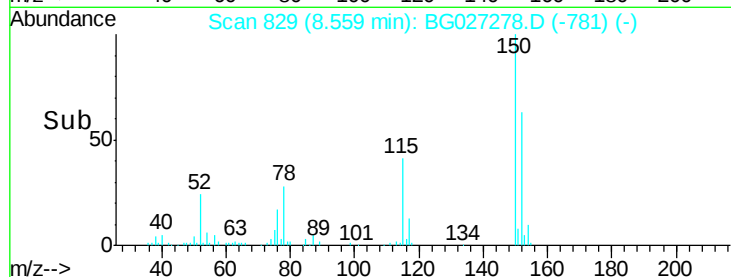
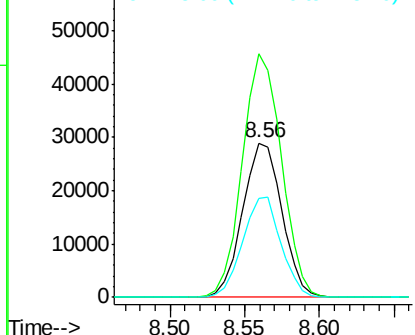
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BG027278.D
Acq: 7 Jun 2017 11:27

Instrument :
BNA_G
ClientSampleId :
159-COMP

Tgt Ion:152 Resp: 52613
Ion Ratio Lower Upper
152 100
150 157.7 114.0 171.0
115 64.0 48.1 72.1



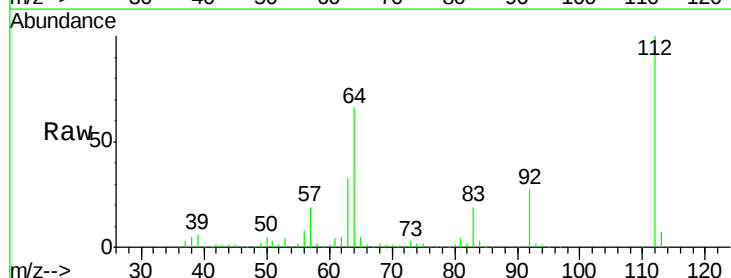
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



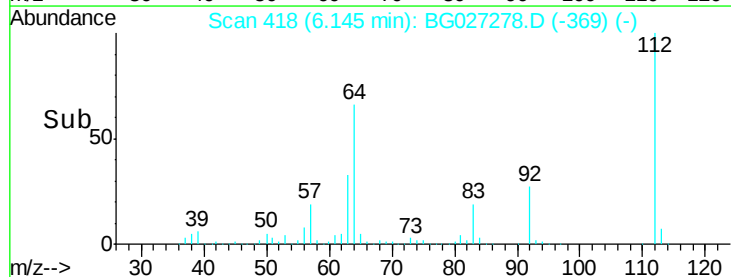
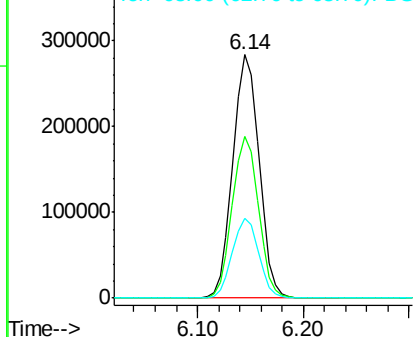
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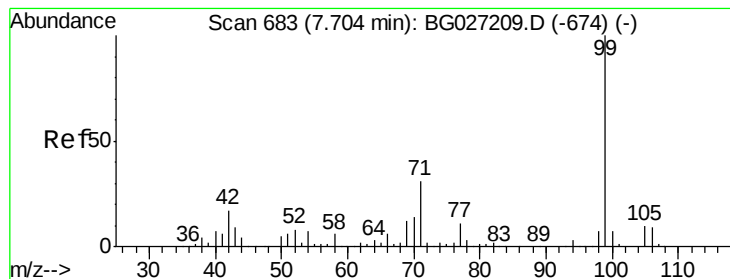
2-Fluorophenol
Concen: 141.382 ng
RT: 6.14 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027278.D
Acq: 7 Jun 2017 11:27

Tgt Ion:112 Resp: 487465
Ion Ratio Lower Upper
112 100
64 66.2 61.8 92.6
63 33.0 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: 125.182 ng

RT: 7.70 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG027278.D

Acq: 7 Jun 2017 11:27

Instrument :

BNA_G

ClientSampleId :

159-COMP

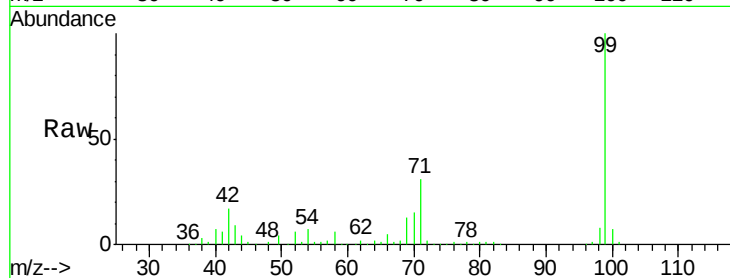
Tgt Ion: 99 Resp: 633553

Ion Ratio Lower Upper

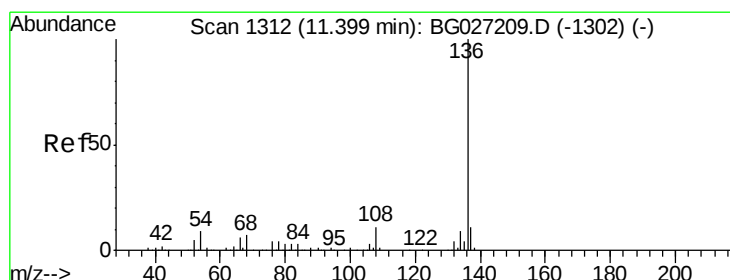
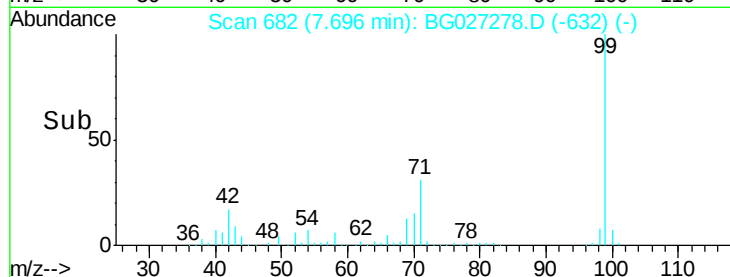
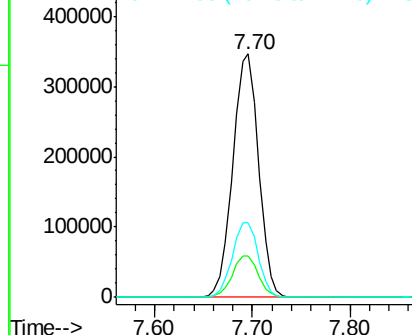
99 100

42 17.1 20.5 30.7#

71 30.8 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: 20.000 ng

RT: 11.38 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BG027278.D

Acq: 7 Jun 2017 11:27

Tgt Ion: 136 Resp: 245609

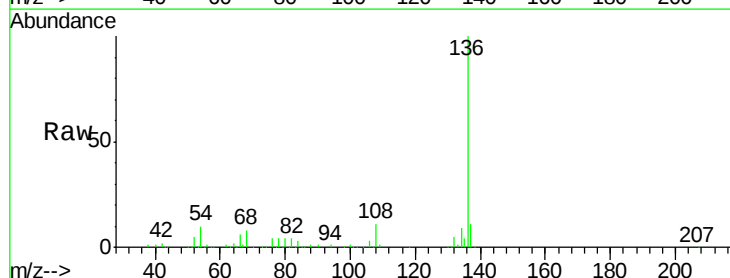
Ion Ratio Lower Upper

136 100

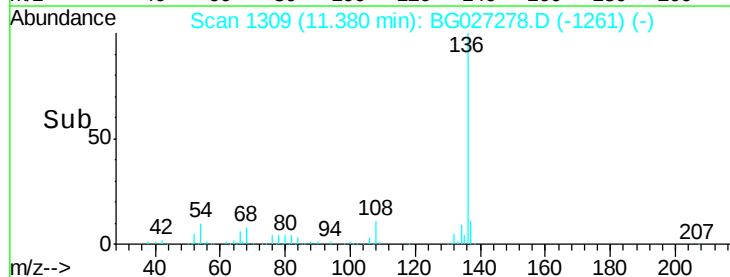
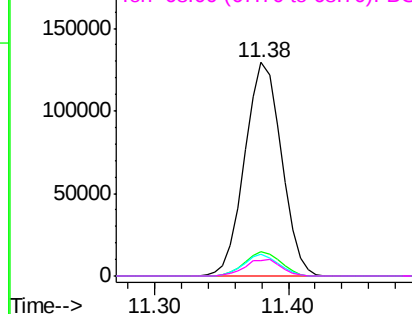
137 11.2 8.9 13.3

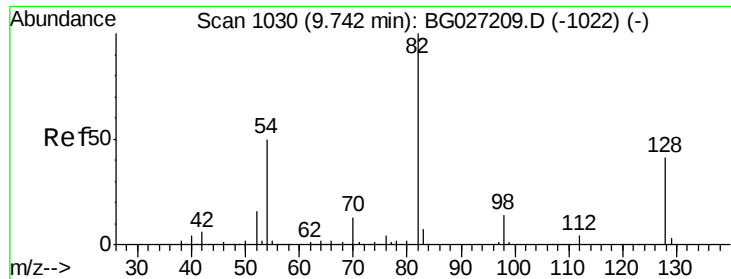
54 10.0 9.3 13.9

68 7.5 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

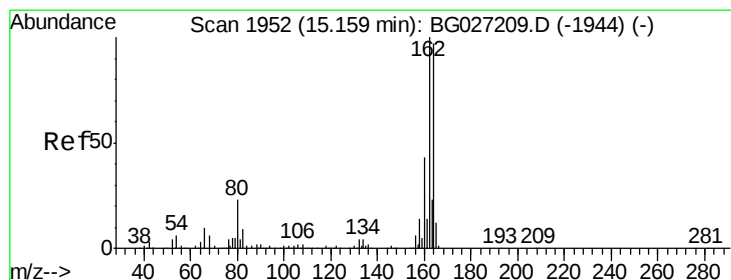
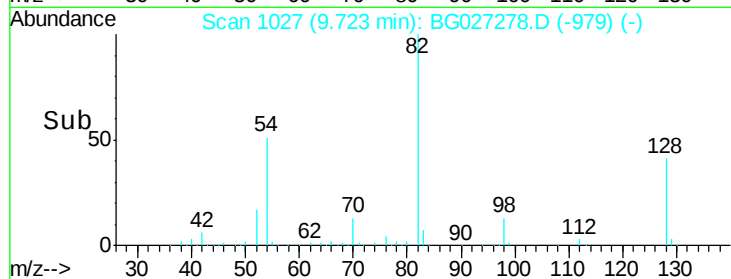
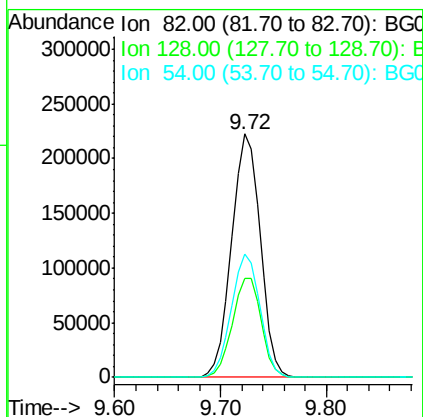
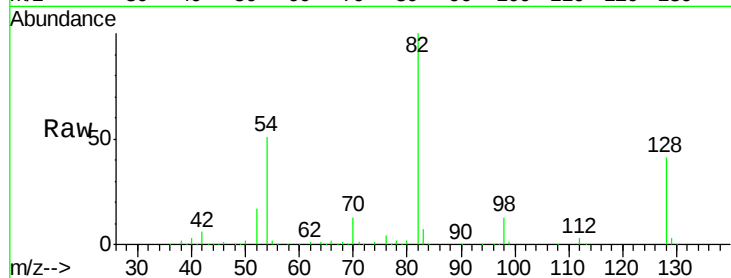




#23
 Nitrobenzene-d5
 Concen: 106.919 ng
 RT: 9.72 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BG027278.D
 Acq: 7 Jun 2017 11:27

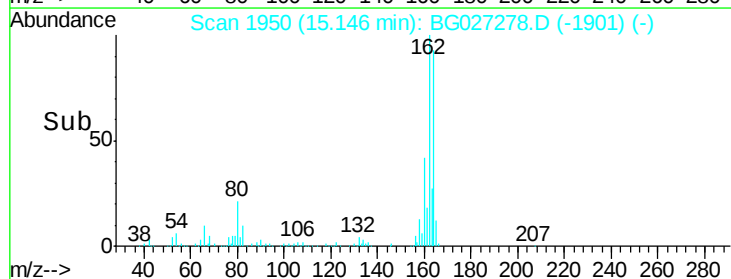
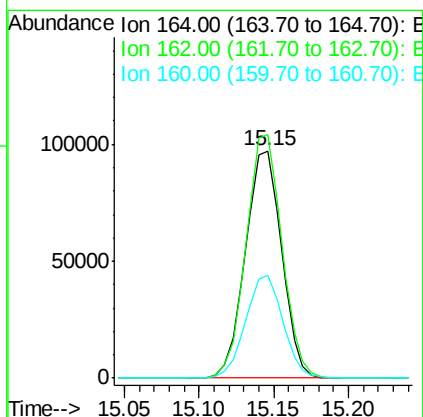
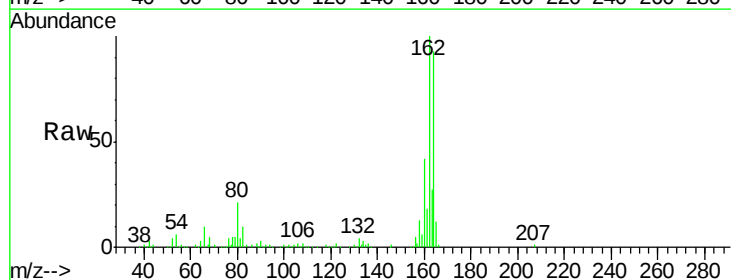
Instrument :
 BNA_G
 ClientSampleId :
 159-COMP

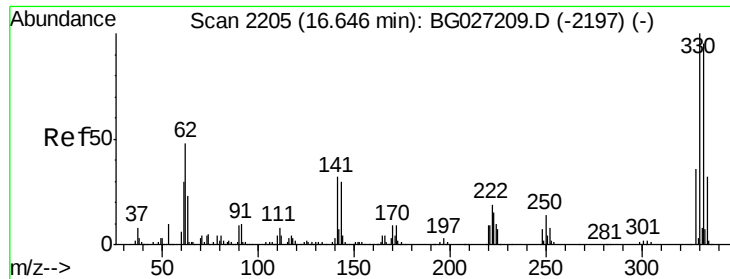
Tgt Ion: 82 Resp: 417562
 Ion Ratio Lower Upper
 82 100
 128 40.7 26.4 39.6#
 54 50.5 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.15 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BG027278.D
 Acq: 7 Jun 2017 11:27

Tgt Ion: 164 Resp: 163291
 Ion Ratio Lower Upper
 164 100
 162 107.2 85.1 127.7
 160 45.4 34.7 52.1

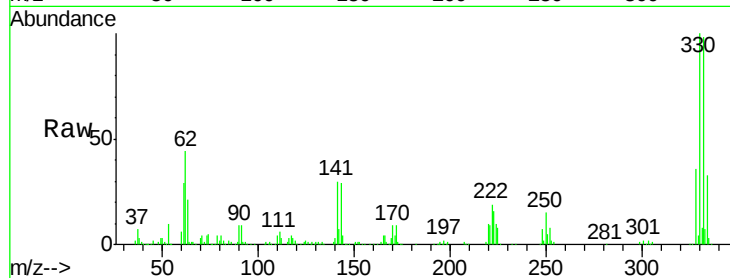




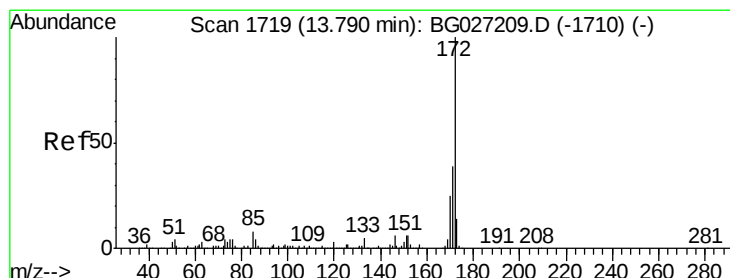
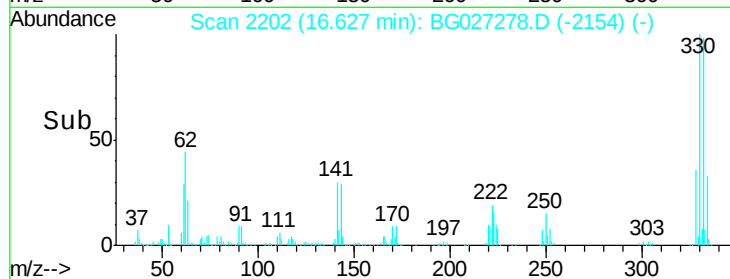
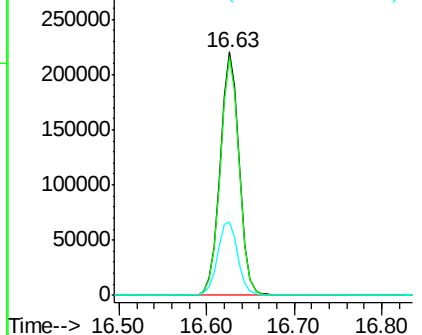
#41
 2,4,6-Tribromophenol
 Concen: 155.047 ng
 RT: 16.63 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG027278.D
 Acq: 7 Jun 2017 11:27

Instrument :
 BNA_G
 ClientSampleId :
 159-COMP

Tgt Ion:330 Resp: 333391
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.3 115.9
 141 32.2 32.1 48.1

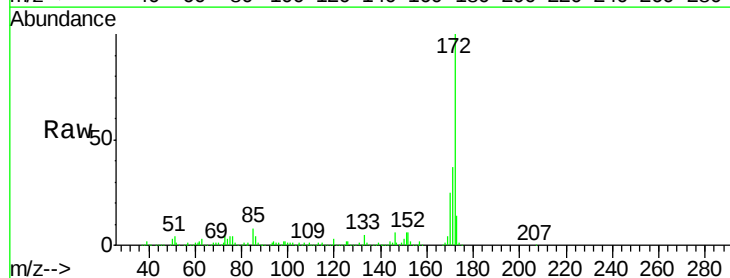


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

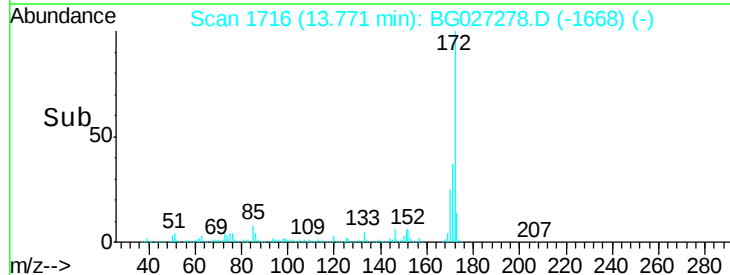
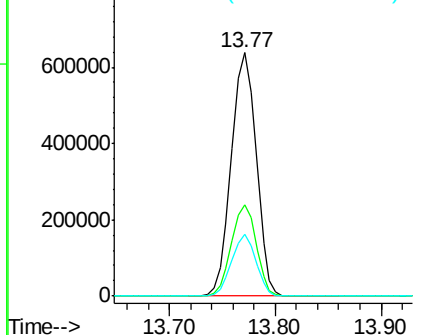


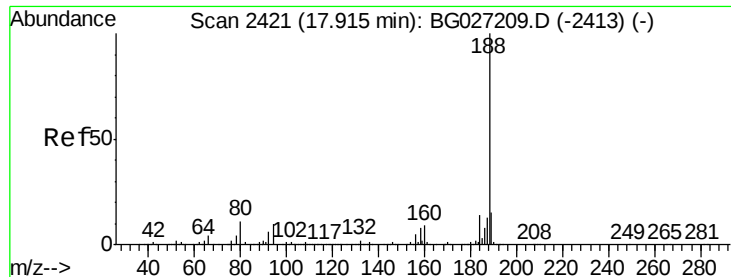
#44
 2-Fluorobiphenyl
 Concen: 89.054 ng
 RT: 13.77 min Scan# 1716
 Delta R.T. -0.02 min
 Lab File: BG027278.D
 Acq: 7 Jun 2017 11:27

Tgt Ion:172 Resp: 1039452
 Ion Ratio Lower Upper
 172 100
 171 37.3 32.2 48.2
 170 25.3 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

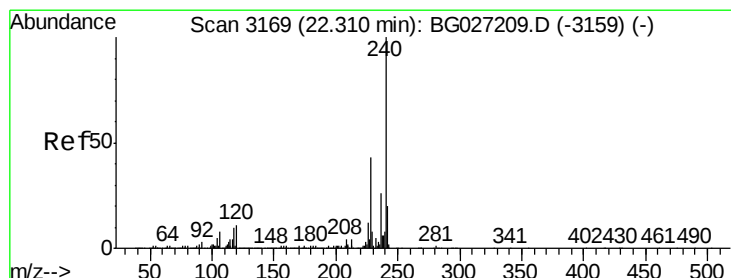
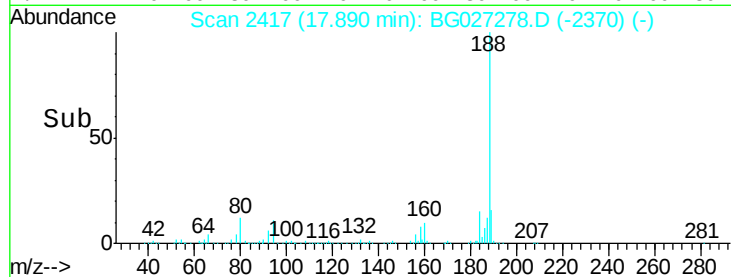
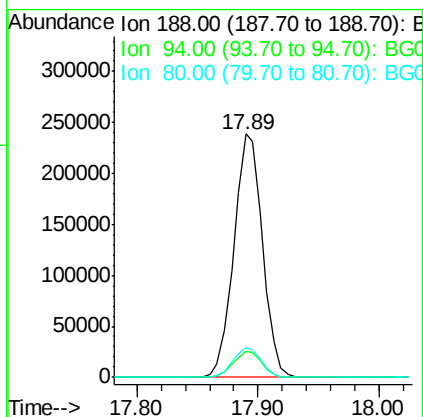
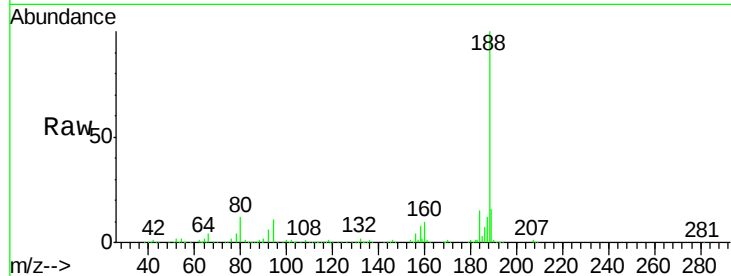




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.89 min Scan# 2417
Delta R.T. -0.03 min
Lab File: BG027278.D
Acq: 7 Jun 2017 11:27

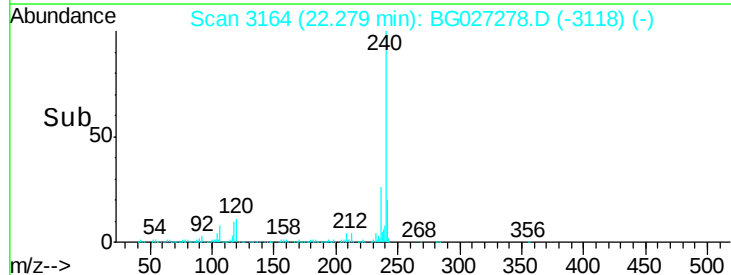
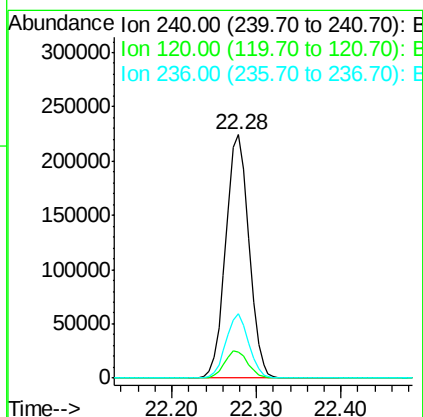
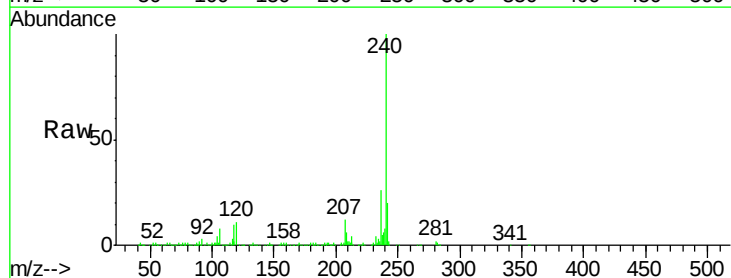
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159-COMP

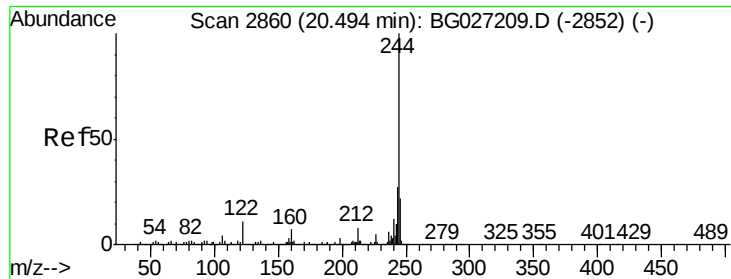
Tgt Ion:188 Resp: 392560
Ion Ratio Lower Upper
188 100
94 10.7 5.8 8.8#
80 12.2 7.5 11.3#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.28 min Scan# 3164
Delta R.T. -0.03 min
Lab File: BG027278.D
Acq: 7 Jun 2017 11:27

Tgt Ion:240 Resp: 425536
Ion Ratio Lower Upper
240 100
120 10.6 5.7 8.5#
236 26.2 22.2 33.4





#78

Terphenyl-d14

Concen: 94.032 ng

RT: 20.47 min Scan# 2856

Delta R.T. -0.03 min

Lab File: BG027278.D

Acq: 7 Jun 2017 11:27

Instrument :

BNA_G

ClientSampleId :

159-COMP

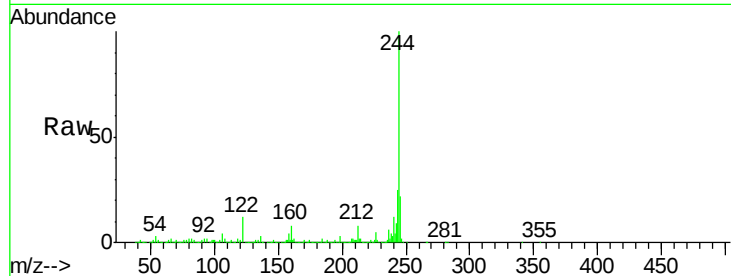
Tgt Ion:244 Resp: 1568554

Ion Ratio Lower Upper

244 100

212 8.3 10.0 15.0#

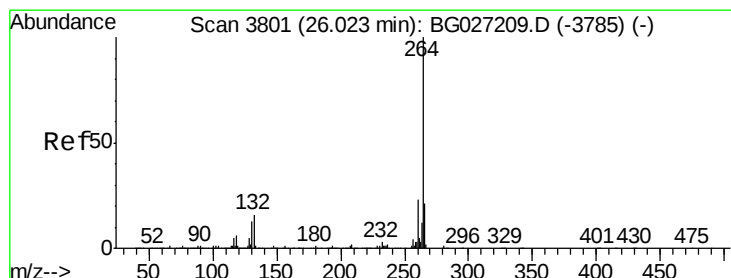
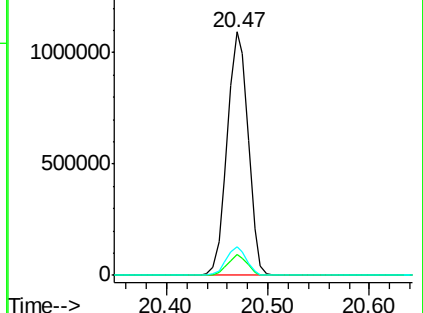
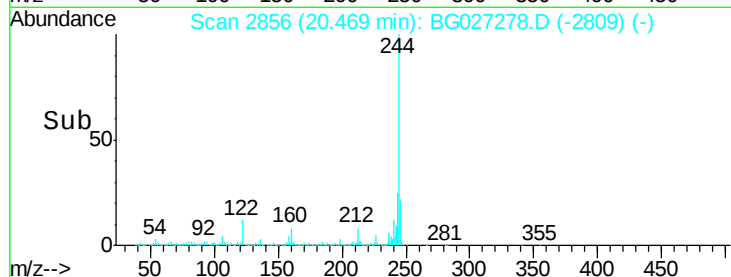
122 11.7 8.6 12.8



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: 20.000 ng

RT: 25.97 min Scan# 3792

Delta R.T. -0.05 min

Lab File: BG027278.D

Acq: 7 Jun 2017 11:27

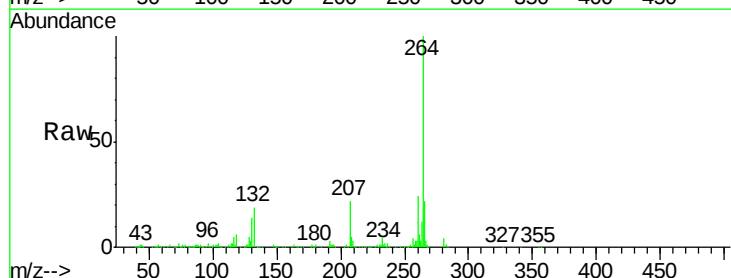
Tgt Ion:264 Resp: 397353

Ion Ratio Lower Upper

264 100

260 24.4 21.8 32.8

265 21.6 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

