

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 12:13:59 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

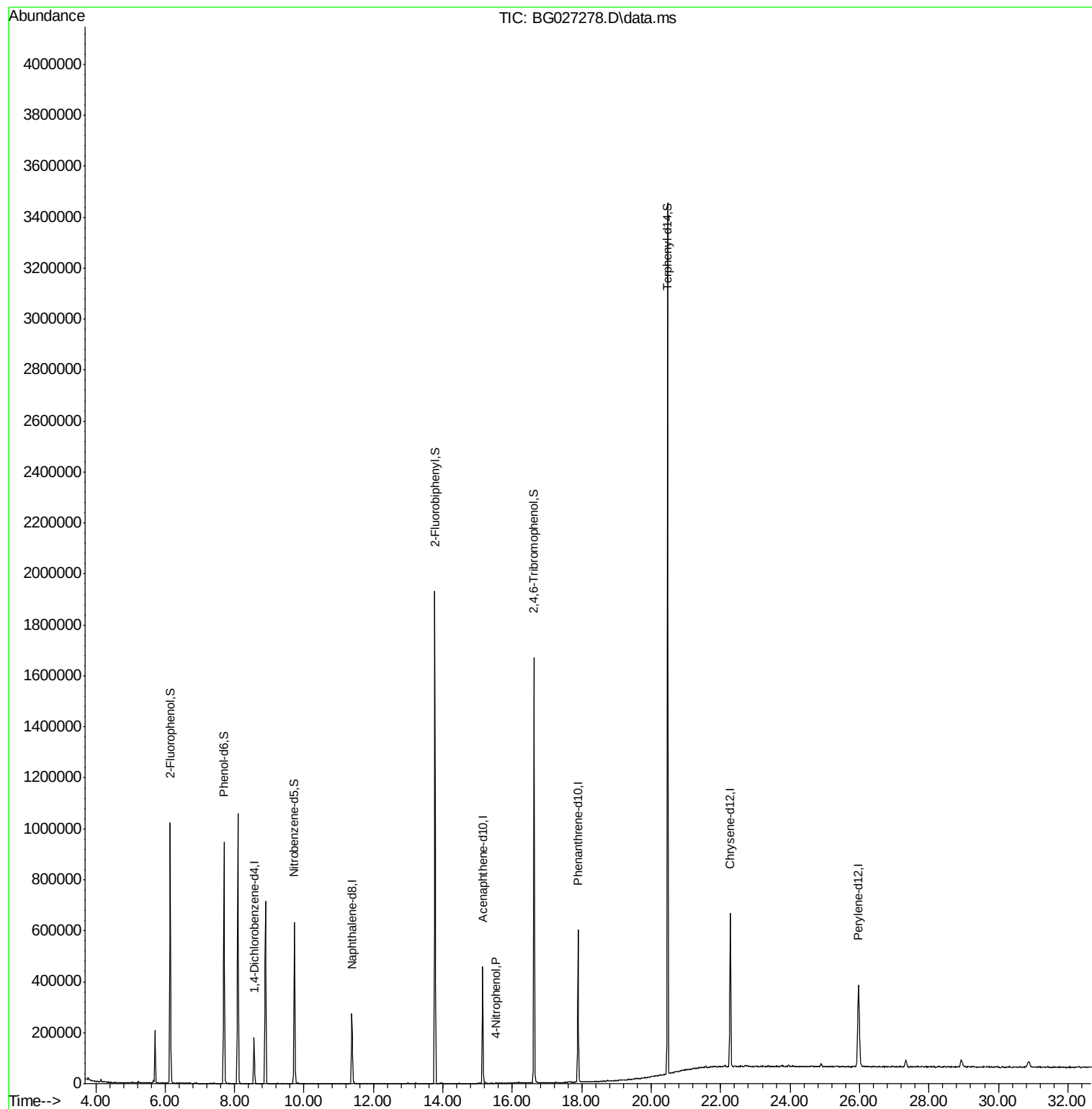
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.559	152	52613	20.00	ng	-0.02
21) Naphthalene-d8	11.380	136	245609	20.00	ng	-0.02
38) Acenaphthene-d10	15.146	164	163291	20.00	ng	-0.01
63) Phenanthrene-d10	17.890	188	392560	20.00	ng	-0.03
75) Chrysene-d12	22.279	240	425536	20.00	ng	-0.03
86) Perylene-d12	25.969	264	397353	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.145	112	487465	141.38	ng	-0.01
7) Phenol-d6	7.696	99	633553	125.18	ng	0.00
23) Nitrobenzene-d5	9.723	82	417562	106.92	ng	-0.02
41) 2,4,6-Tribromophenol	16.627	330	333391	155.05	ng	-0.02
44) 2-Fluorobiphenyl	13.771	172	1039452	89.05	ng	-0.02
78) Terphenyl-d14	20.469	244	1568554	94.03	ng	-0.03
Target Compounds						
55) 4-Nitrophenol	15.534	139	600	6.35	ng	Qvalue # 1

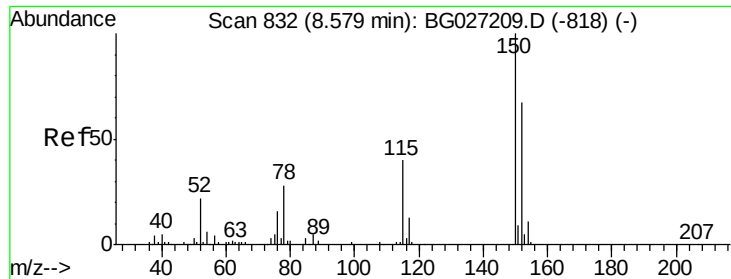
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.559 min Scan# 82

Delta R.T. -0.019 min

Lab File: BG027278.D

Acq: 7 Jun 2017 11:27

Instrument :

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ClientSampleId :

159-COMP

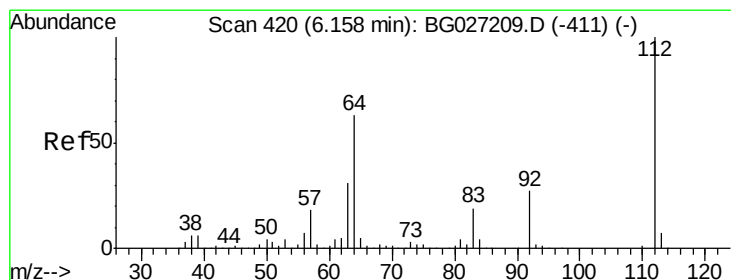
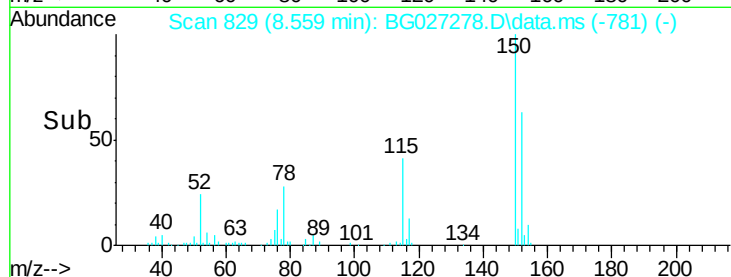
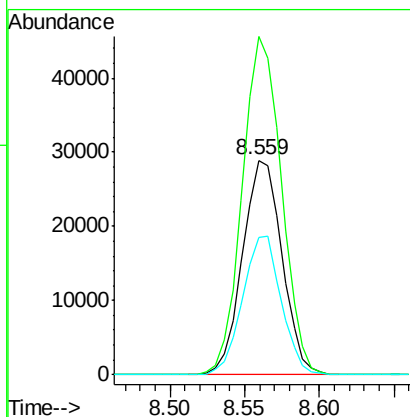
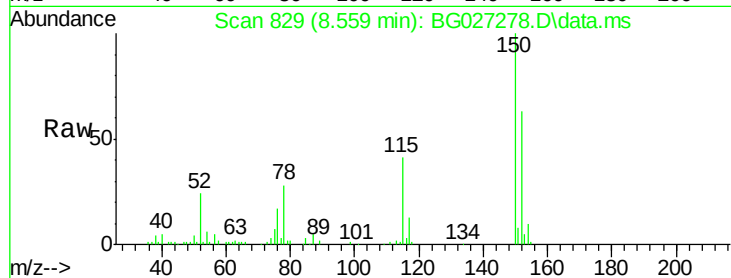
Tot Ion:152 Resp: 52613

Ion Ratio Lower Upper

152 100

150 157.7 114.0 171.0

115 64.0 48.1 72.1



#5

2-Fluorophenol

Concen: 141.38 ng

RT: 6.145 min Scan# 418

Delta R.T. -0.013 min

Lab File: BG027278.D

Acq: 7 Jun 2017 11:27

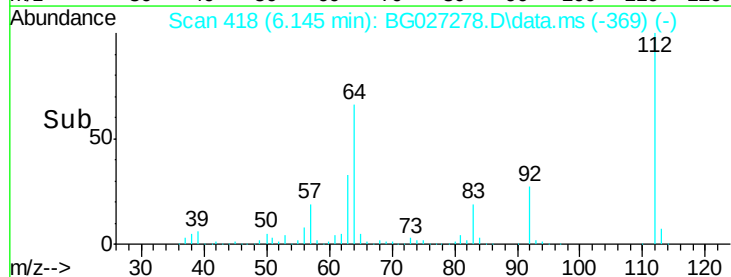
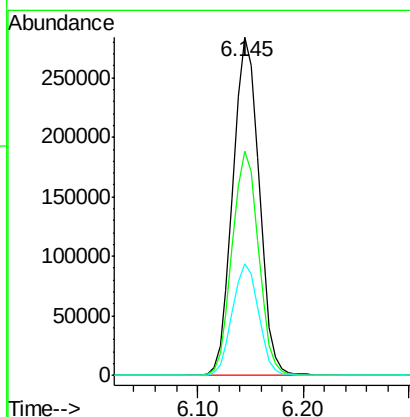
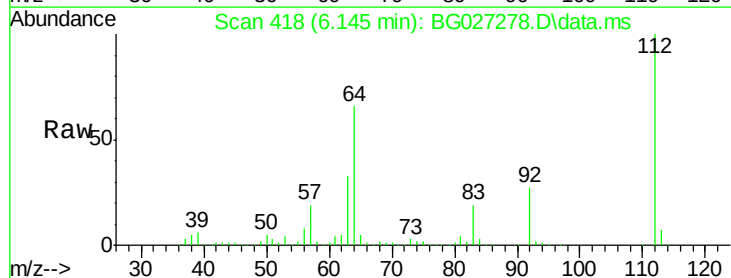
Tgt Ion:112 Resp: 487465

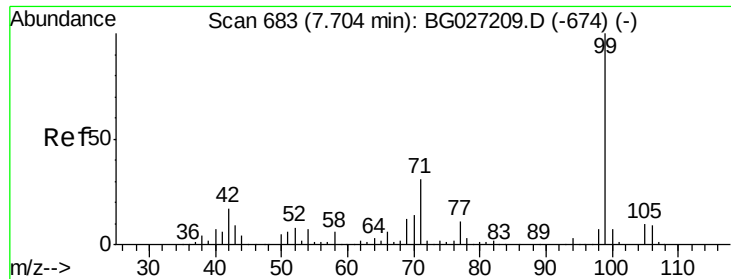
Ion Ratio Lower Upper

112 100

64 66.2 61.8 92.6

63 33.0 37.2 55.8#





#7

Phenol-d6

Concen: 125.18 ng

RT: 7.696 min Scan# 68

Delta R.T. -0.008 min

Lab File: BG027278.D

Acq: 7 Jun 2017 11:27

Instrument :

BNA_G

ClientSampleId :

159-COMP

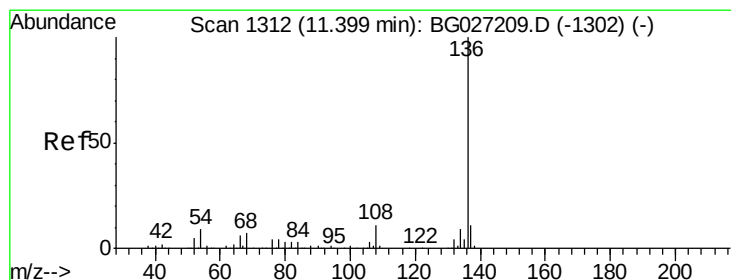
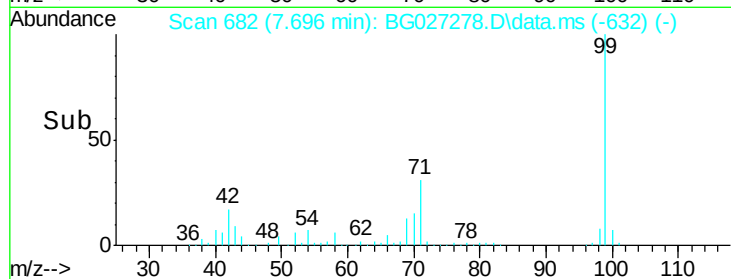
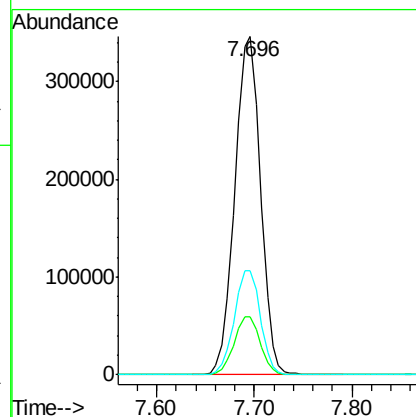
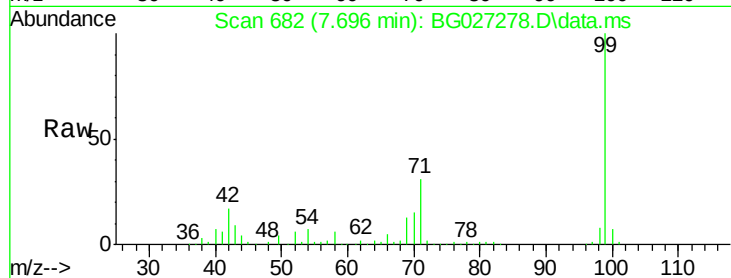
Tot Ion: 99 Resp: 633553

Ion Ratio Lower Upper

99 100

42 17.1 20.5 30.7#

71 30.8 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.380 min Scan# 1309

Delta R.T. -0.019 min

Lab File: BG027278.D

Acq: 7 Jun 2017 11:27

Tgt Ion: 136 Resp: 245609

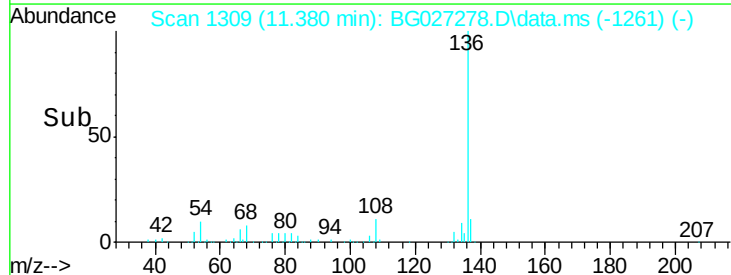
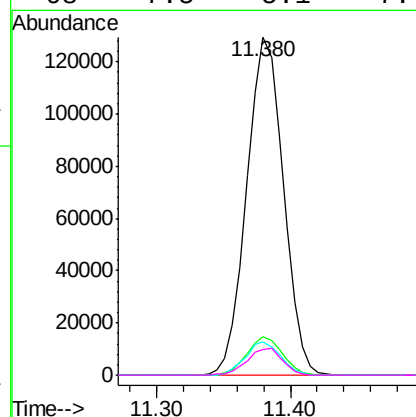
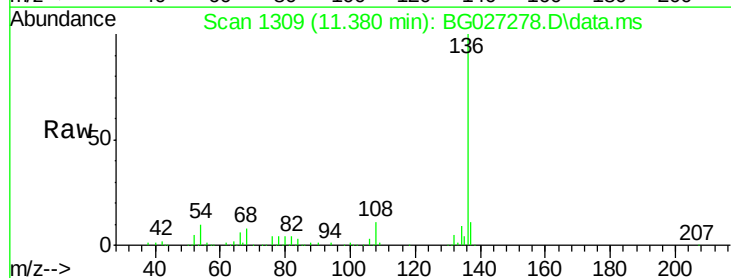
Ion Ratio Lower Upper

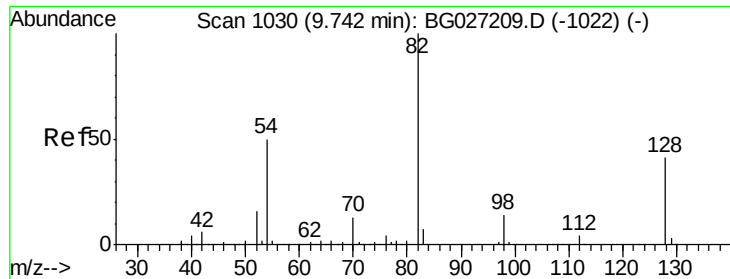
136 100

137 11.2 8.9 13.3

54 10.0 9.3 13.9

68 7.5 5.1 7.7

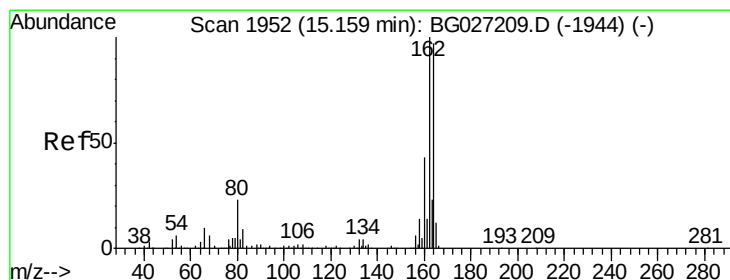
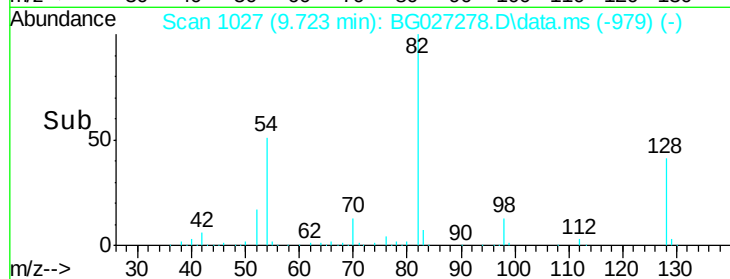
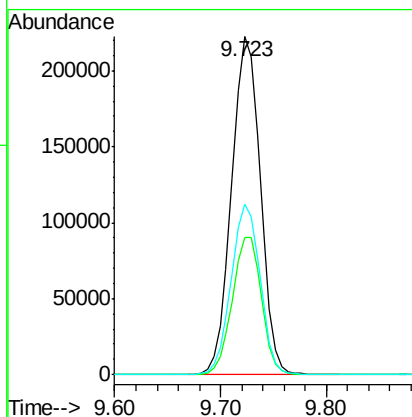
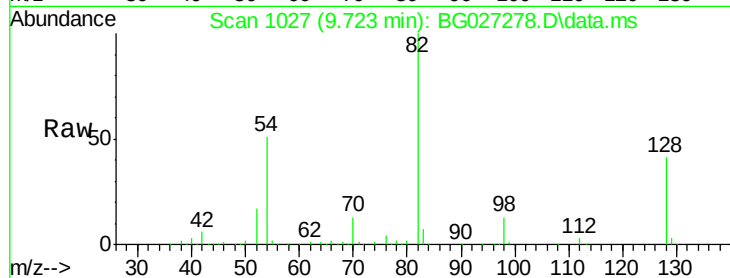




#23
 Nitrobenzene-d5
 Concen: 106.92 ng
 RT: 9.723 min Scan# 10
 Delta R.T. -0.019 min
 Lab File: BG027278.D
 Acq: 7 Jun 2017 11:27

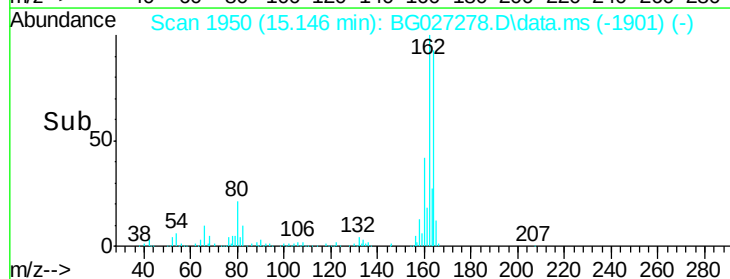
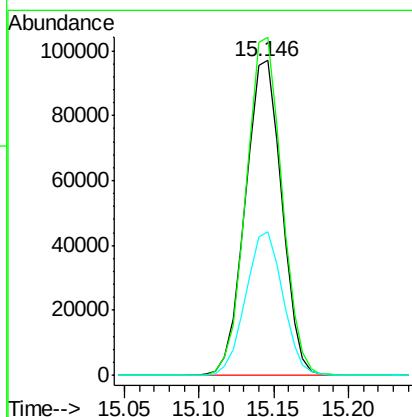
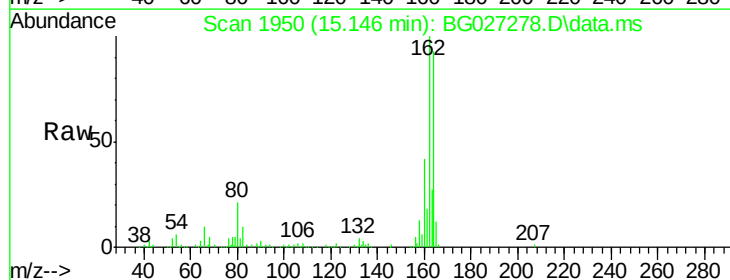
Instrument :
 BNA_G
 ClientSampleId :
 159-COMP

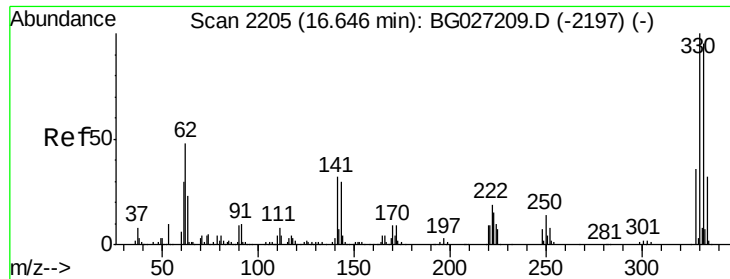
Tot Ion	82	Resp	417562
Ion Ratio	100	Lower	Upper
128	40.7	26.4	39.6#
54	50.5	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.146 min Scan# 1950
 Delta R.T. -0.014 min
 Lab File: BG027278.D
 Acq: 7 Jun 2017 11:27

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

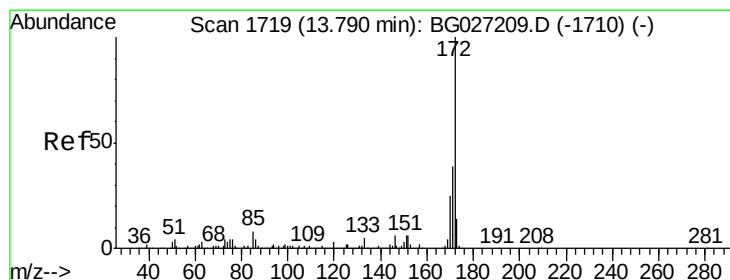
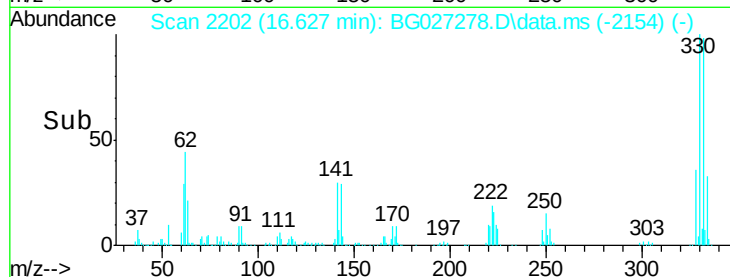
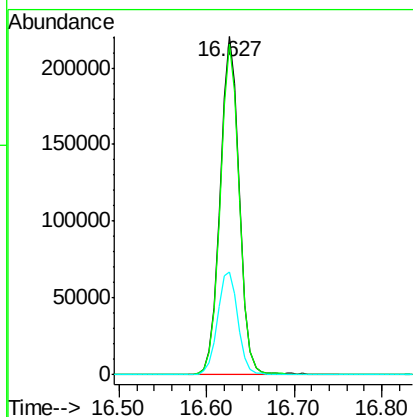
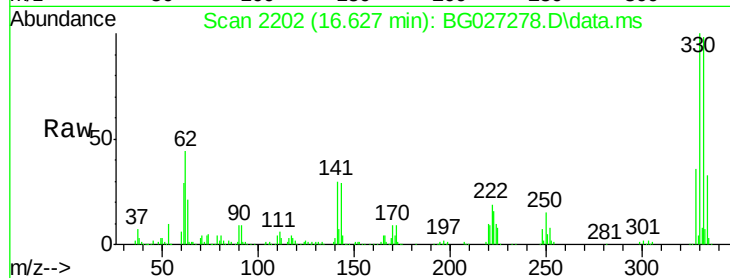




#41
 2,4,6-Tribromophenol
 Concen: 155.05 ng
 RT: 16.627 min Scan# 22
 Delta R.T. -0.019 min
 Lab File: BG027278.D
 Acq: 7 Jun 2017 11:27

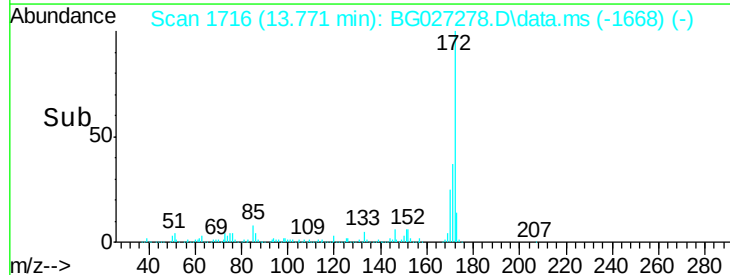
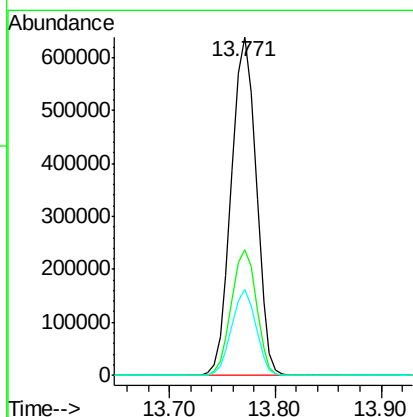
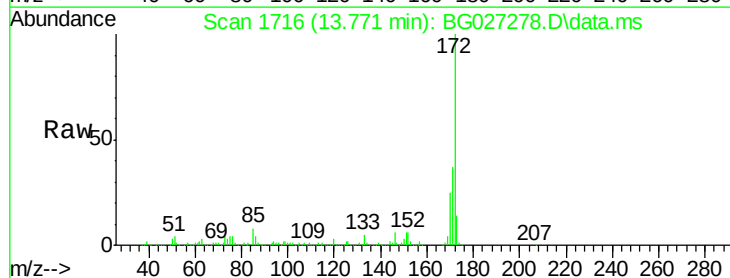
Instrument :
 BNA_G
 ClientSampleId :
 159-COMP

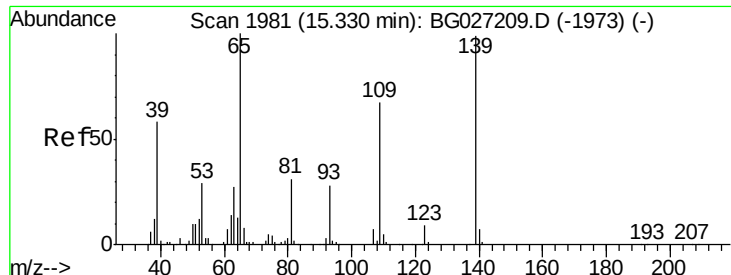
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	32.2	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 89.05 ng
 RT: 13.771 min Scan# 1716
 Delta R.T. -0.019 min
 Lab File: BG027278.D
 Acq: 7 Jun 2017 11:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	32.2	48.2
170	25.3	21.8	32.6





#55

4-Nitrophenol

Concen: 6.35 ng

RT: 15.534 min Scan# 20

Delta R.T. 0.205 min

Lab File: BG027278.D

Acq: 7 Jun 2017 11:27

Instrument :

BNA_G

ClientSampleId :

159-COMP

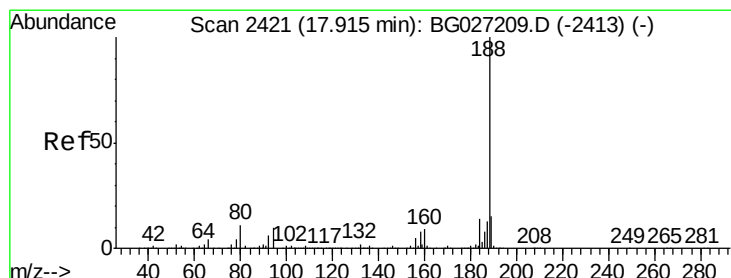
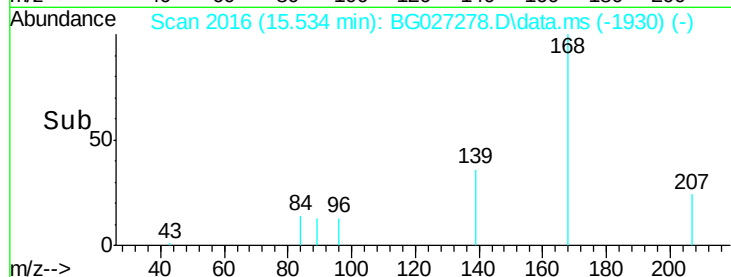
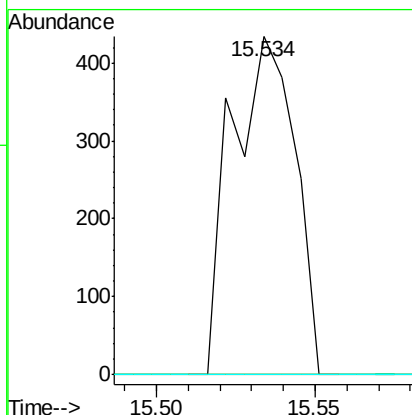
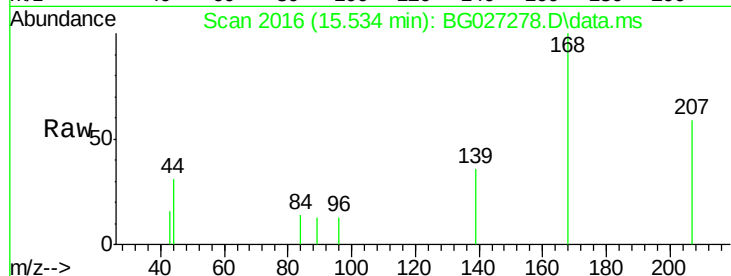
Tot Ion:139 Resp: 600

Ion Ratio Lower Upper

139 100

109 0.0 101.2 141.2#

65 0.0 135.3 175.3#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.890 min Scan# 2417

Delta R.T. -0.025 min

Lab File: BG027278.D

Acq: 7 Jun 2017 11:27

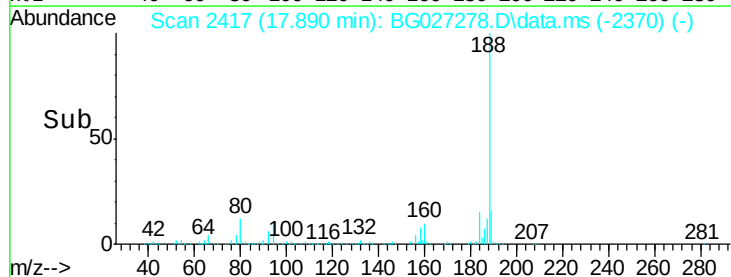
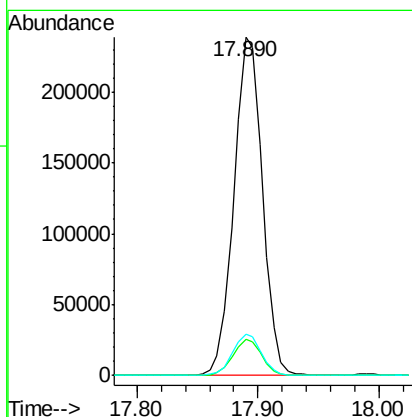
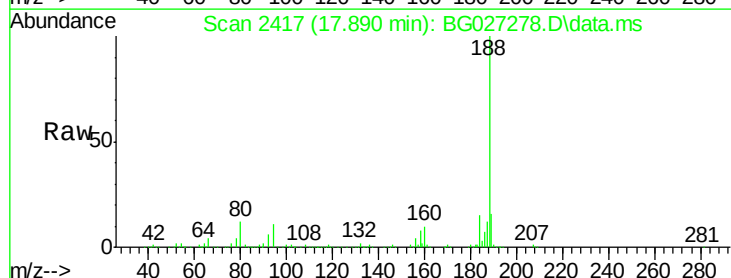
Tgt Ion:188 Resp: 392560

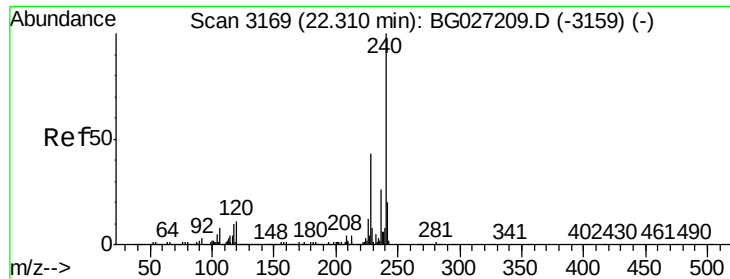
Ion Ratio Lower Upper

188 100

94 10.7 5.8 8.8#

80 12.2 7.5 11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.279 min Scan# 31

Delta R.T. -0.031 min

Lab File: BG027278.D

Acq: 7 Jun 2017 11:27

Instrument :

BNA_G

ClientSampleId :

159-COMP

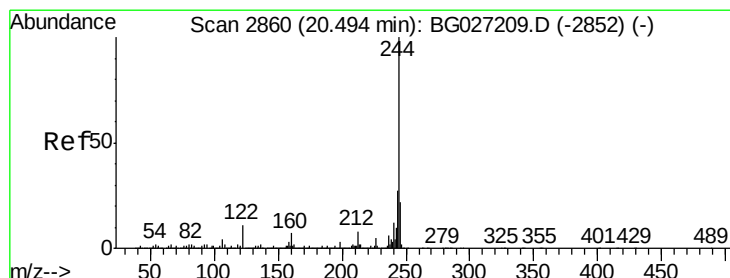
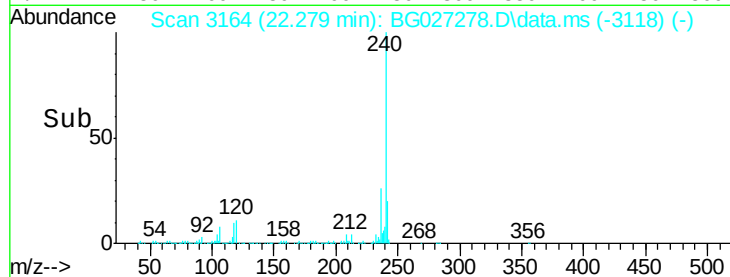
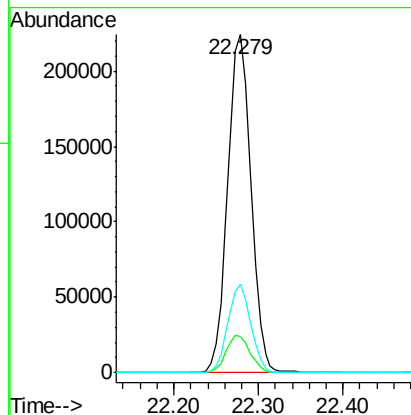
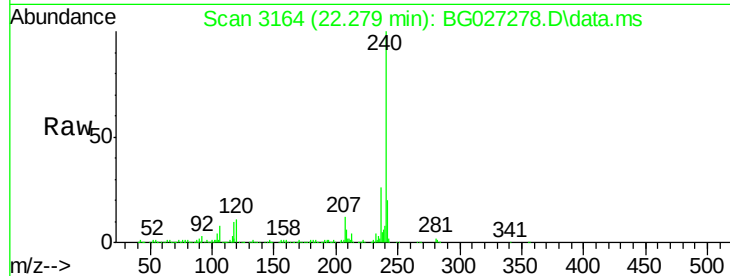
Tot Ion:240 Resp: 425536

Ion Ratio Lower Upper

240 100

120 10.6 5.7 8.5#

236 26.2 22.2 33.4



#78

Terphenyl-d14

Concen: 94.03 ng

RT: 20.469 min Scan# 2856

Delta R.T. -0.025 min

Lab File: BG027278.D

Acq: 7 Jun 2017 11:27

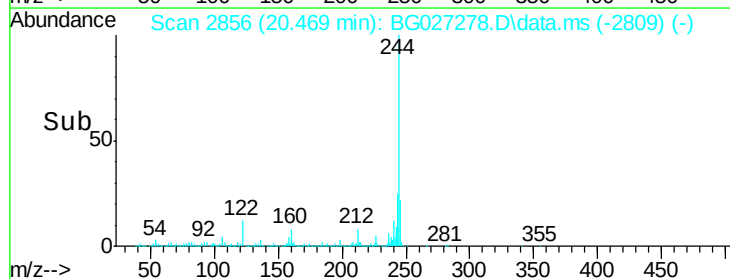
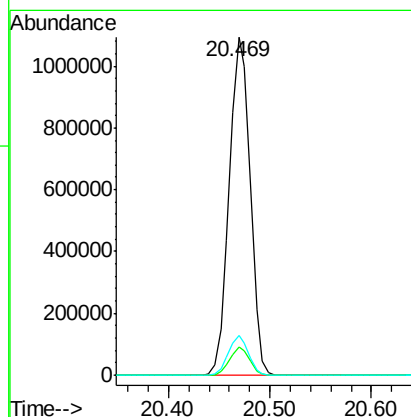
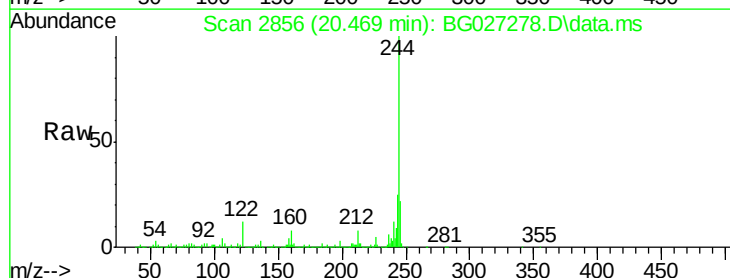
Tgt Ion:244 Resp: 1568554

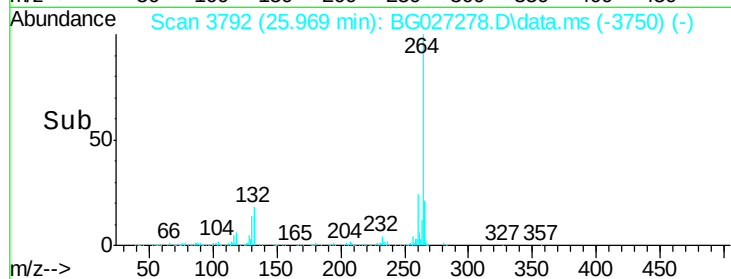
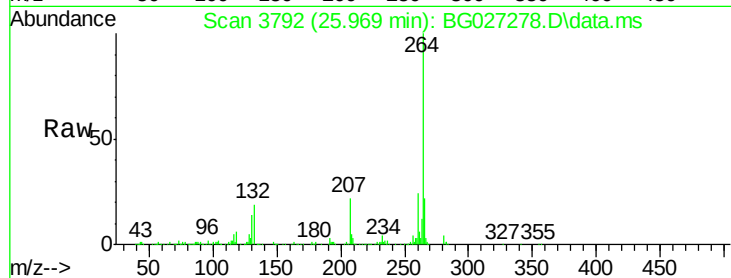
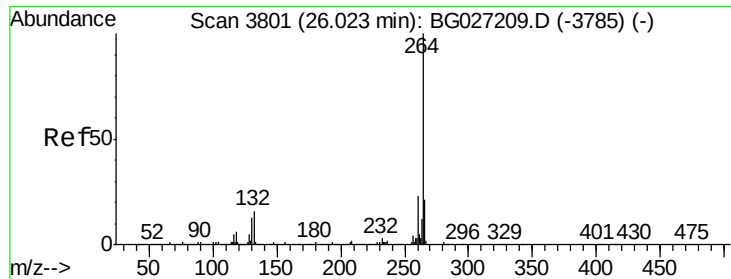
Ion Ratio Lower Upper

244 100

212 8.3 10.0 15.0#

122 11.7 8.6 12.8





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.969 min Scan# 37
Delta R.T. -0.055 min
Lab File: BG027278.D
Acq: 7 Jun 2017 11:27

Instrument :
BNA_G
ClientSampleId :
159-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	21.8	32.8
265	21.6	18.2	27.4

