

Data Path : Z:\HPCHEM1\BNA G\Data\BG060617\
 Data File : BG027285.D
 Acq On : 7 Jun 2017 16:01
 Operator : SJ/MA
 Sample : I3437-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 07 16:34:47 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

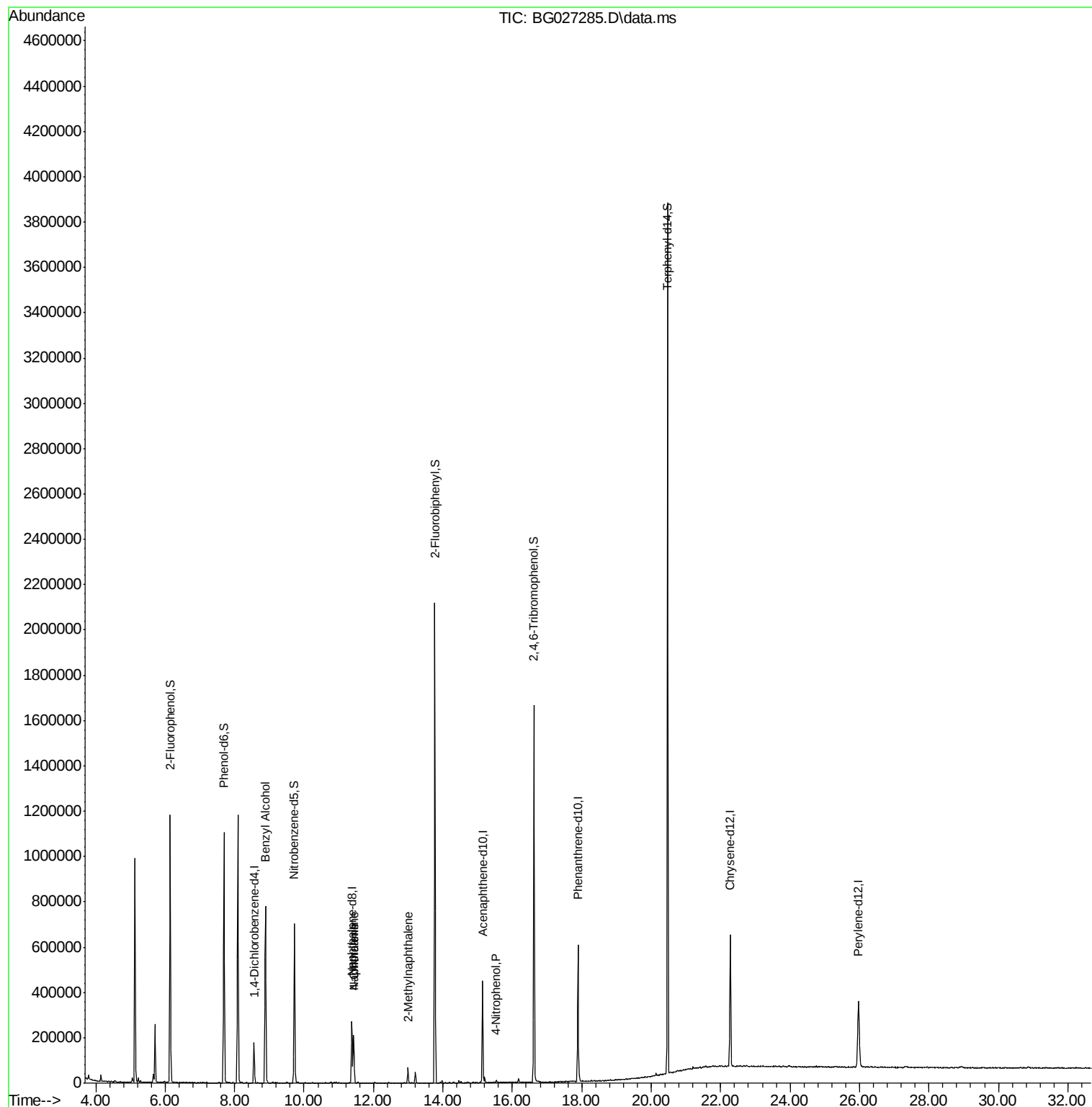
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.559	152	52049	20.00	ng	-0.02
21) Naphthalene-d8	11.379	136	245701	20.00	ng	-0.02
38) Acenaphthene-d10	15.140	164	165125	20.00	ng	-0.02
63) Phenanthrene-d10	17.889	188	379352	20.00	ng	-0.03
75) Chrysene-d12	22.278	240	405699	20.00	ng	-0.03
86) Perylene-d12	25.968	264	365752	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.144	112	551318	161.63	ng	-0.01
7) Phenol-d6	7.695	99	748419	149.48	ng	0.00
23) Nitrobenzene-d5	9.723	82	460411	117.85	ng	-0.02
41) 2,4,6-Tribromophenol	16.626	330	344317	158.35	ng	-0.02
44) 2-Fluorobiphenyl	13.765	172	1150141	97.44	ng	-0.03
78) Terphenyl-d14	20.469	244	1706841	107.32	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	8.882	79	7332	2.08	ng	# 43
31) Naphthalene	11.432	128	191739	14.28	ng	98
33) 4-Chloroaniline	11.426	127	26182	4.68	ng	# 28
37) 2-Methylnaphthalene	12.995	142	33603	3.43	ng	# 93
55) 4-Nitrophenol	15.527	139	2837	7.18	ng	# 1

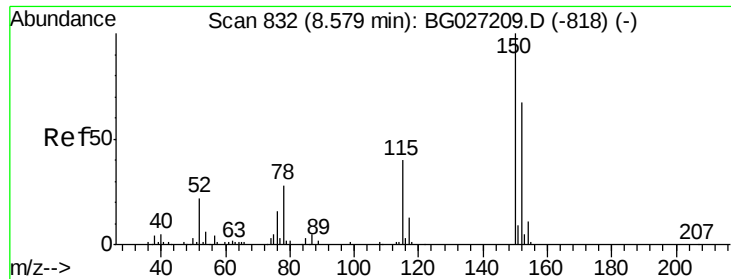
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.559 min Scan# 82

Delta R.T. -0.020 min

Lab File: BG027285.D

Acq: 7 Jun 2017 16:01

Instrument :

BNA_G

ClientSampleId :

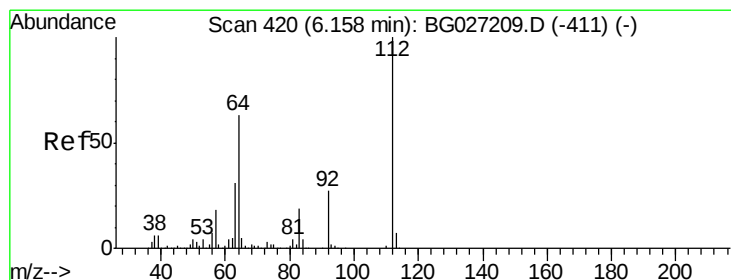
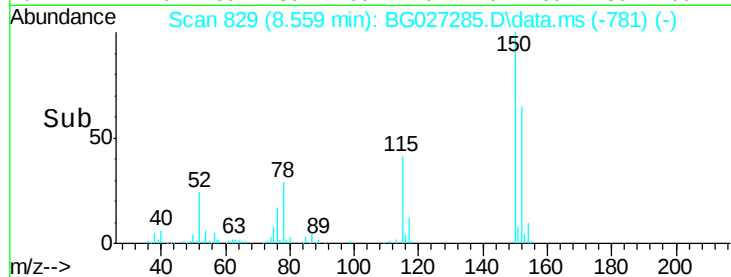
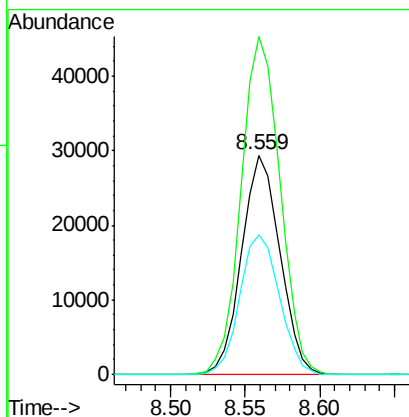
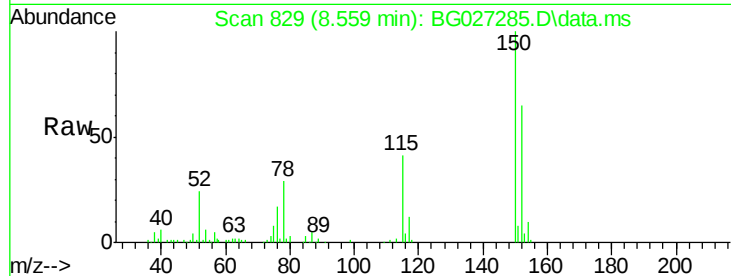
Tot Ion:152 Resp: 52049

Ion Ratio Lower Upper

152 100

150 154.0 114.0 171.0

115 63.4 48.1 72.1



#5

2-Fluorophenol

Concen: 161.63 ng

RT: 6.144 min Scan# 418

Delta R.T. -0.014 min

Lab File: BG027285.D

Acq: 7 Jun 2017 16:01

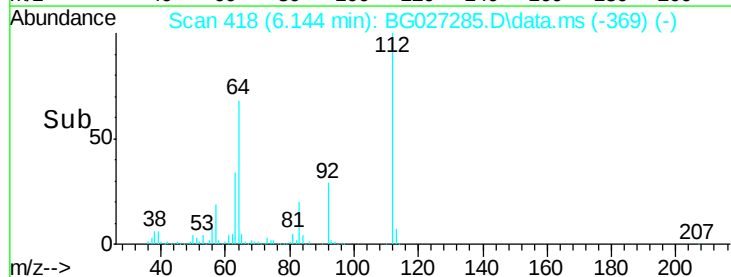
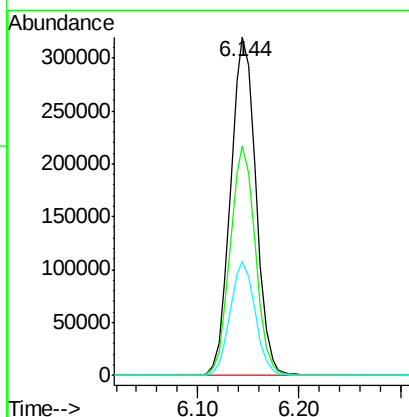
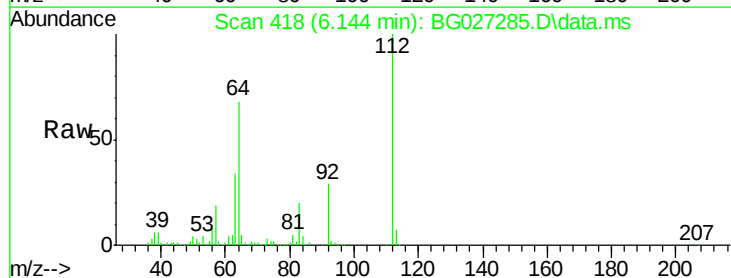
Tgt Ion:112 Resp: 551318

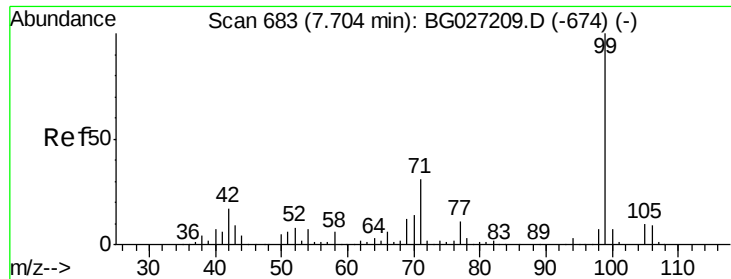
Ion Ratio Lower Upper

112 100

64 67.9 61.8 92.6

63 33.7 37.2 55.8#





#7

Phenol-d6

Concen: 149.48 ng

RT: 7.695 min Scan# 68

Delta R.T. -0.008 min

Lab File: BG027285.D

Acq: 7 Jun 2017 16:01

Instrument :

BNA_G

ClientSampleId :

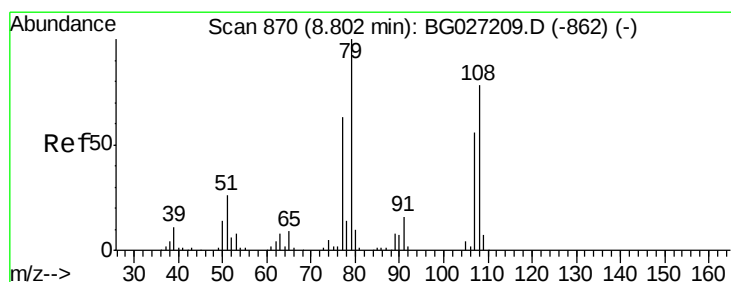
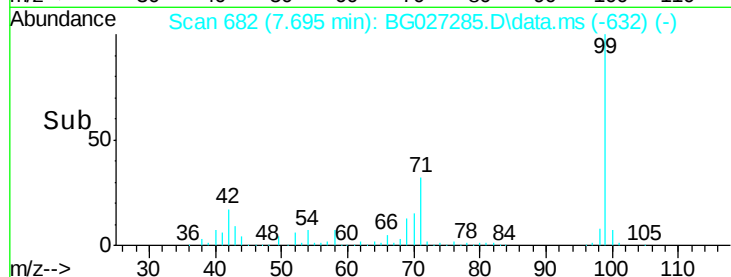
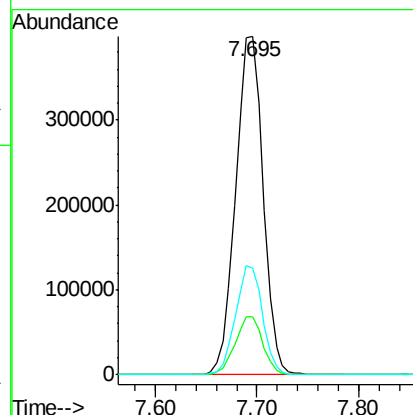
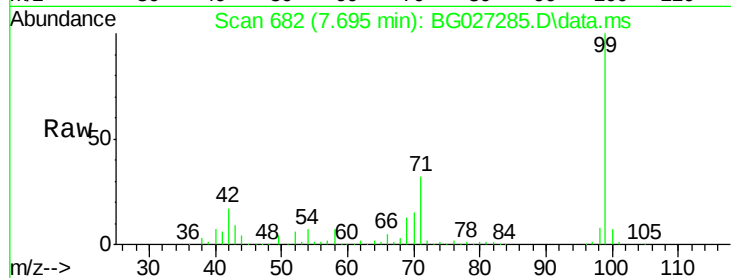
Tot Ion: 99 Resp: 748419

Ion Ratio Lower Upper

99 100

42 17.1 20.5 30.7#

71 31.6 37.6 56.4#



#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 8.882 min Scan# 884

Delta R.T. 0.080 min

Lab File: BG027285.D

Acq: 7 Jun 2017 16:01

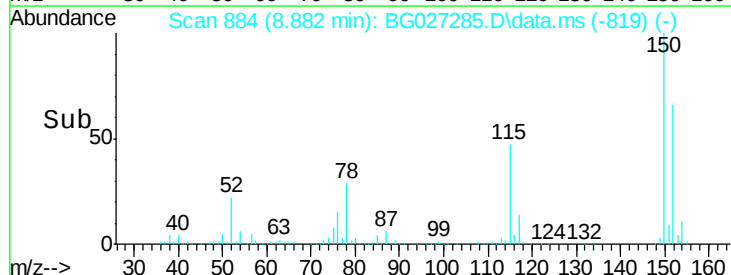
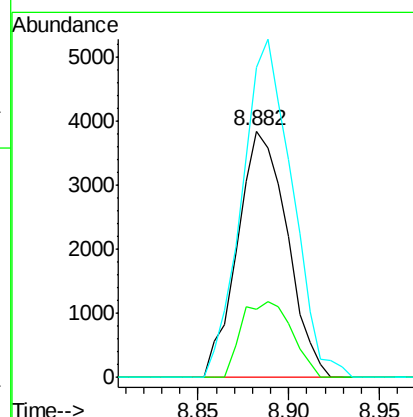
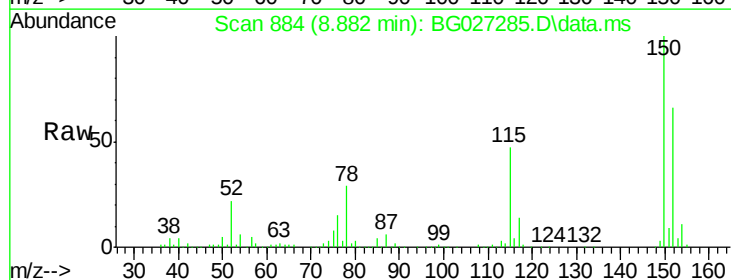
Tgt Ion: 79 Resp: 7332

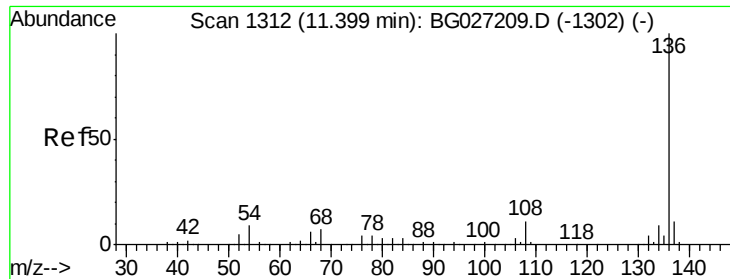
Ion Ratio Lower Upper

79 100

108 27.8 45.5 68.3#

77 125.8 54.3 81.5#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.379 min Scan# 1312

Delta R.T. -0.020 min

Lab File: BG027285.D

Acq: 7 Jun 2017 16:01

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 245701

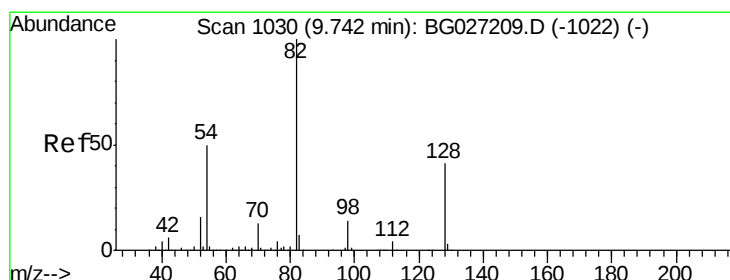
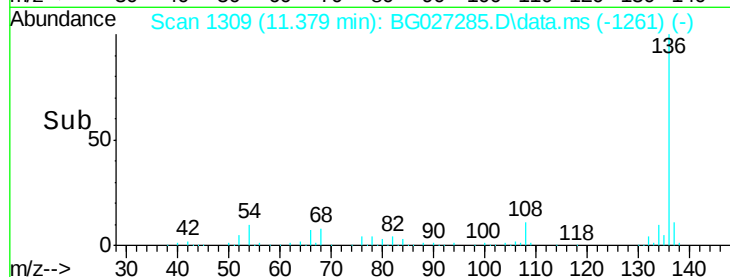
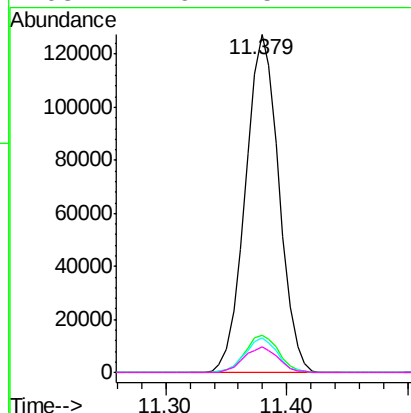
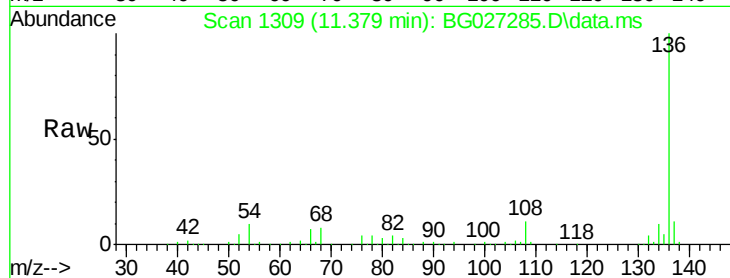
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 10.1 9.3 13.9

68 7.6 5.1 7.7



#23

Nitrobenzene-d5

Concen: 117.85 ng

RT: 9.723 min Scan# 1027

Delta R.T. -0.020 min

Lab File: BG027285.D

Acq: 7 Jun 2017 16:01

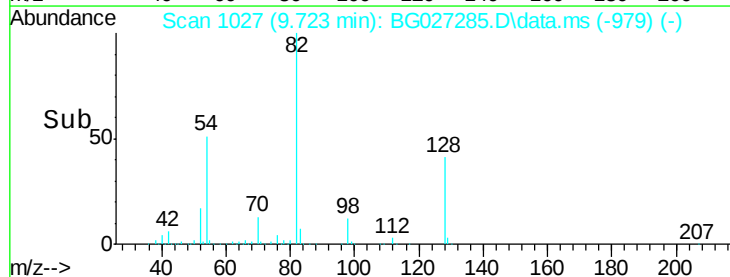
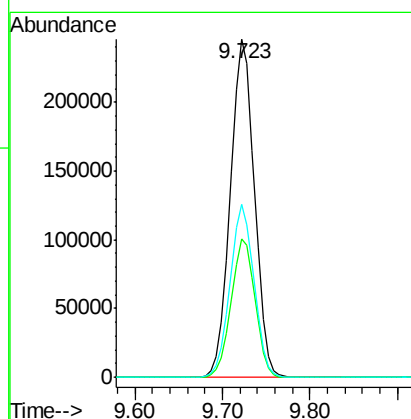
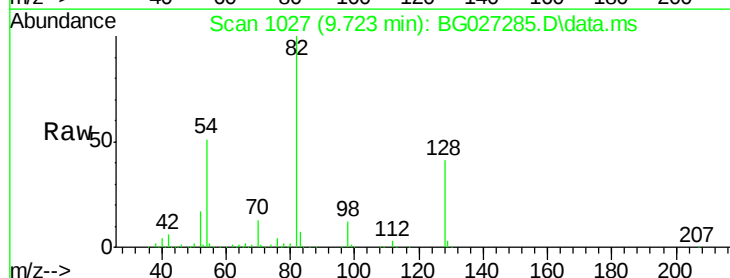
Tgt Ion: 82 Resp: 460411

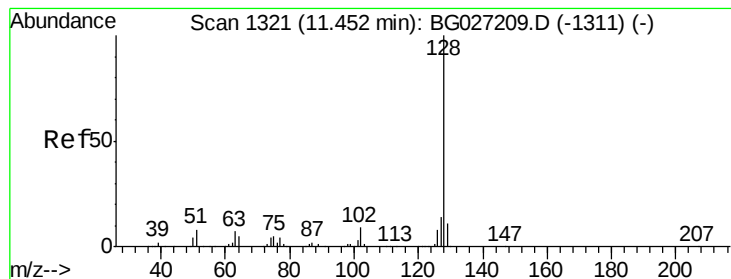
Ion Ratio Lower Upper

82 100

128 41.0 26.4 39.6#

54 51.3 49.4 74.2





#31

Naphthalene

Concen: 14.28 ng

RT: 11.432 min Scan# 1317

Delta R.T. -0.020 min

Lab File: BG027285.D

Acq: 7 Jun 2017 16:01

Instrument :

BNA_G

ClientSampleId :

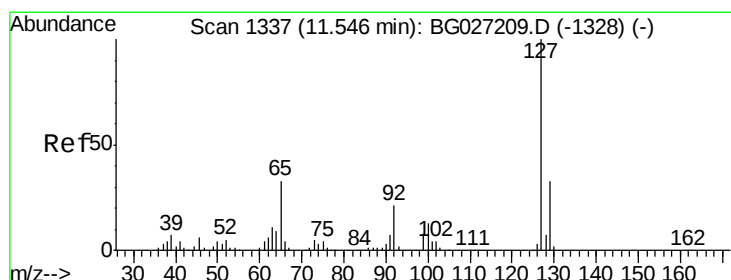
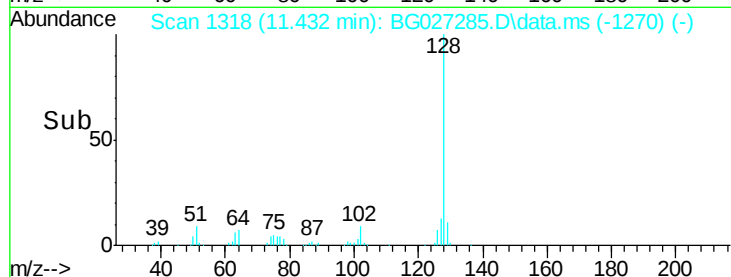
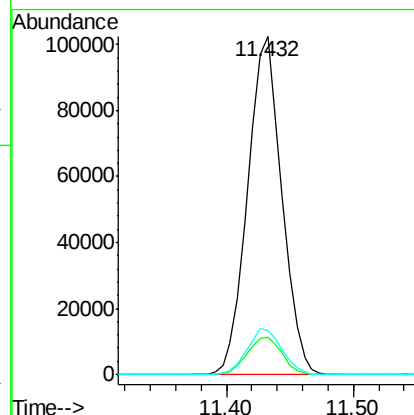
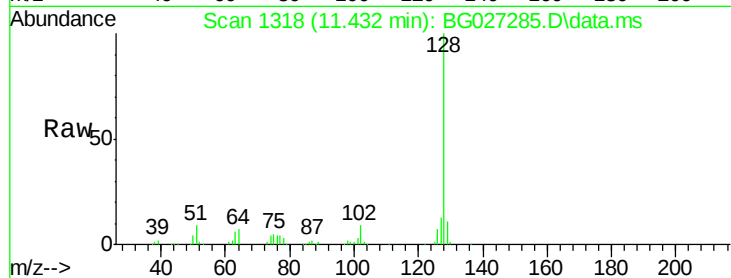
Tot Ion:128 Resp: 191739

Ion Ratio Lower Upper

128 100

129 11.0 9.3 13.9

127 12.9 11.4 17.0



#33

4-Chloroaniline

Concen: 4.68 ng

RT: 11.426 min Scan# 1317

Delta R.T. -0.120 min

Lab File: BG027285.D

Acq: 7 Jun 2017 16:01

Tgt Ion:127 Resp: 26182

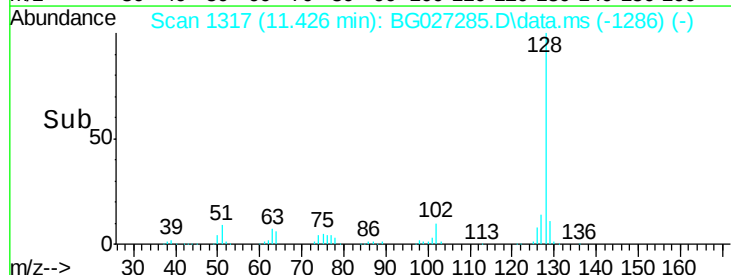
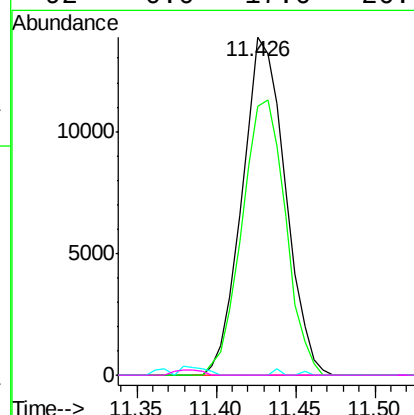
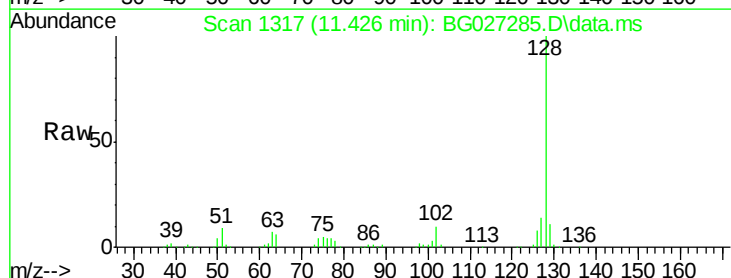
Ion Ratio Lower Upper

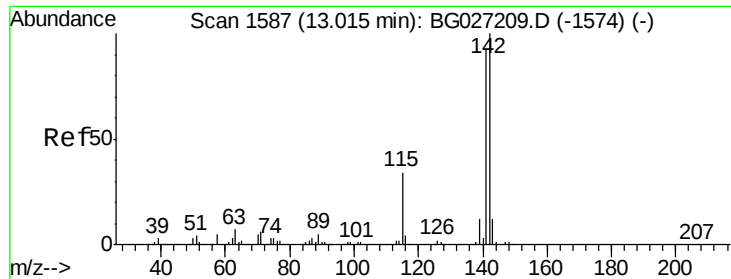
127 100

129 79.5 23.6 35.4#

65 0.0 37.7 56.5#

92 0.0 17.6 26.4#

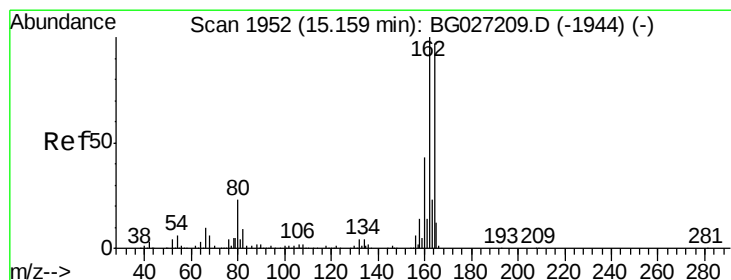
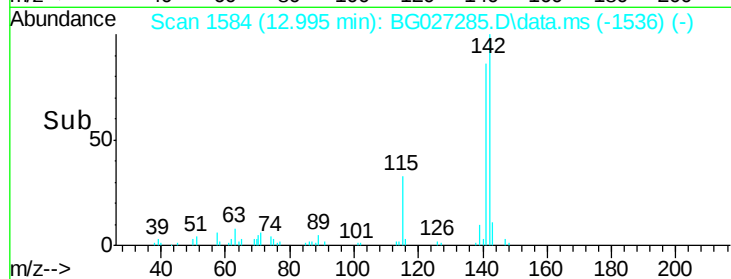
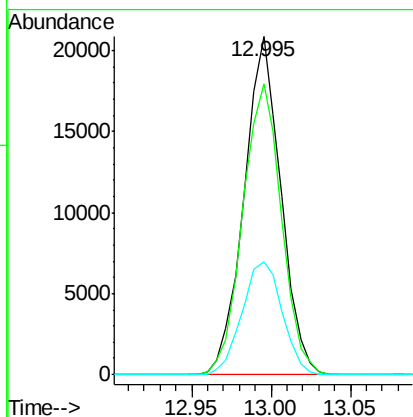
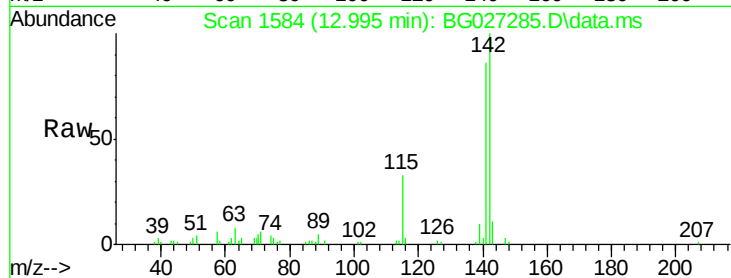




#37
 2-Methylnaphthalene
 Concen: 3.43 ng
 RT: 12.995 min Scan# 151
 Delta R.T. -0.020 min
 Lab File: BG027285.D
 Acq: 7 Jun 2017 16:01

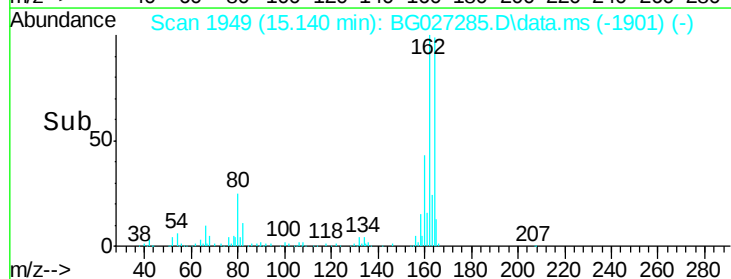
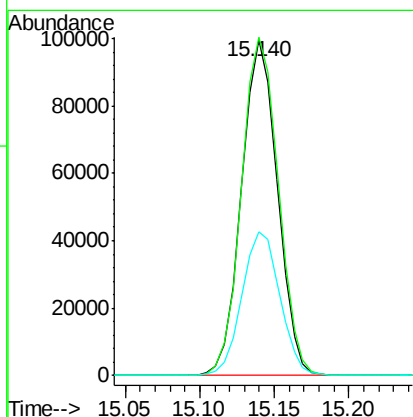
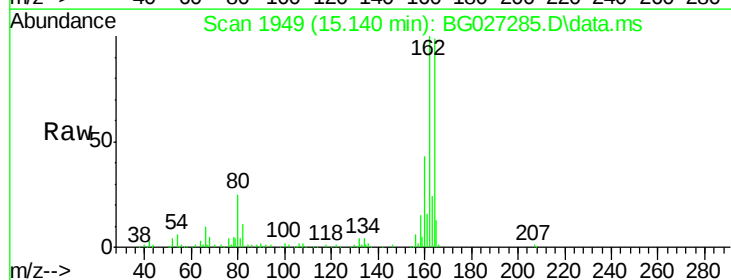
Instrument :
 BNA_G
 ClientSampled :

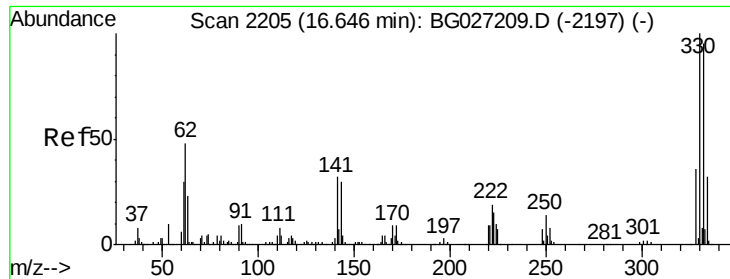
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.1	70.4	105.6
115	33.2	35.5	53.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.140 min Scan# 1949
 Delta R.T. -0.020 min
 Lab File: BG027285.D
 Acq: 7 Jun 2017 16:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	85.1	127.7
160	43.0	34.7	52.1

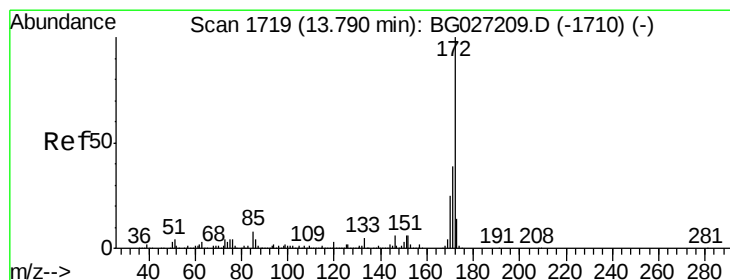
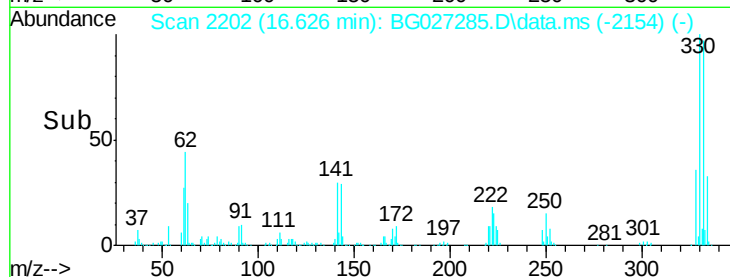
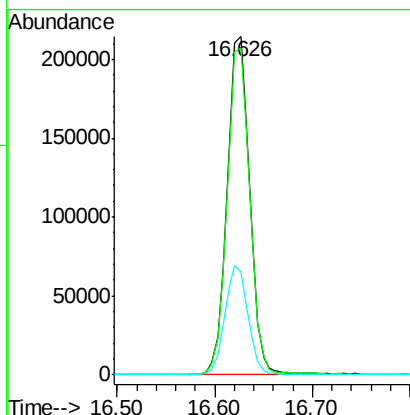
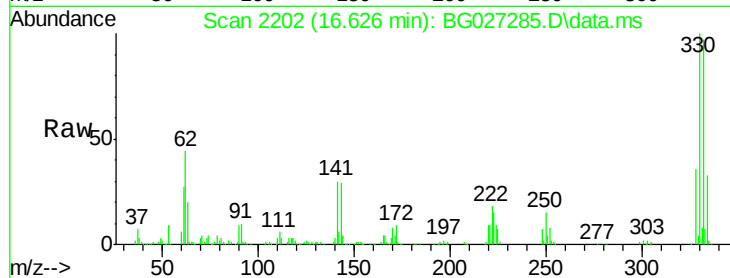




#41
 2,4,6-Tribromophenol
 Concen: 158.35 ng
 RT: 16.626 min Scan# 2205
 Delta R.T. -0.020 min
 Lab File: BG027285.D
 Acq: 7 Jun 2017 16:01

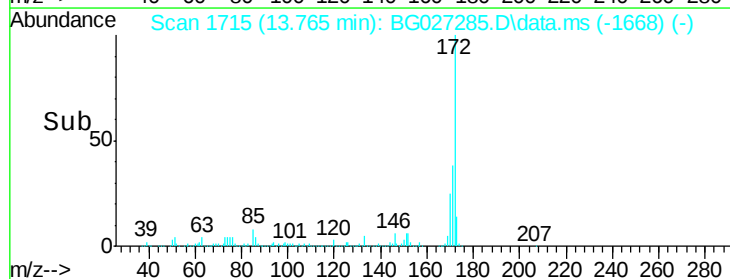
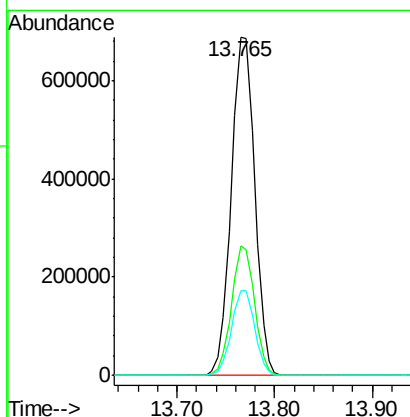
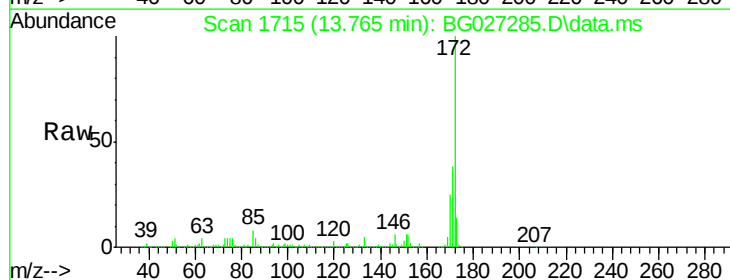
Instrument :
 BNA_G
 ClientSampleId :

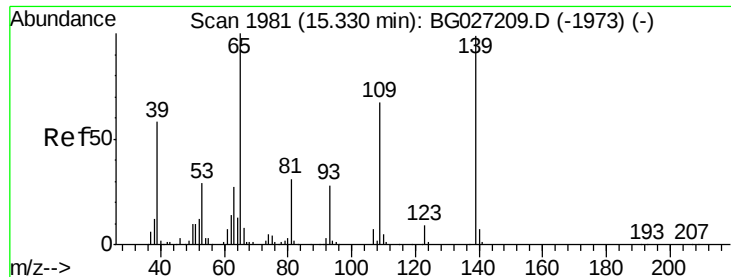
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	32.8	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 97.44 ng
 RT: 13.765 min Scan# 1715
 Delta R.T. -0.026 min
 Lab File: BG027285.D
 Acq: 7 Jun 2017 16:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	32.2	48.2
170	25.0	21.8	32.6





#55

4-Nitrophenol

Concen: 7.18 ng

RT: 15.527 min Scan# 20

Delta R.T. 0.198 min

Lab File: BG027285.D

Acq: 7 Jun 2017 16:01

Instrument :

BNA_G

ClientSampleId :

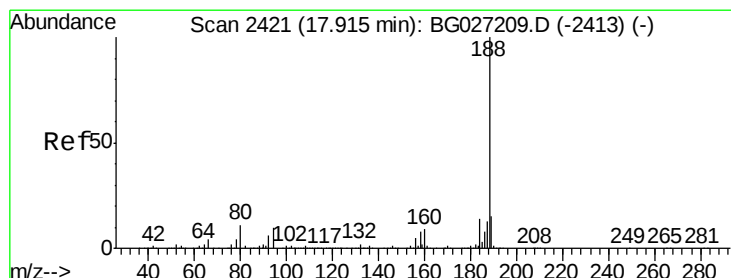
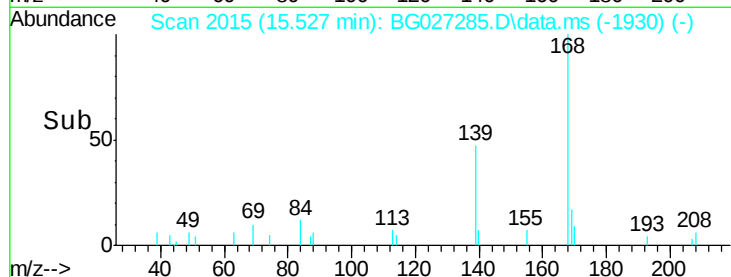
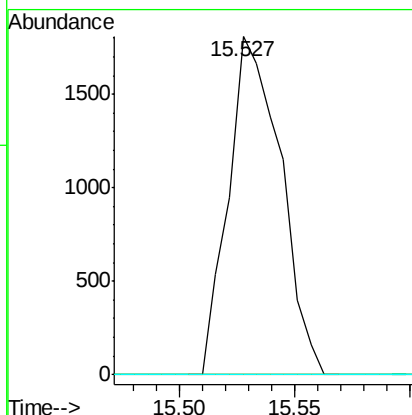
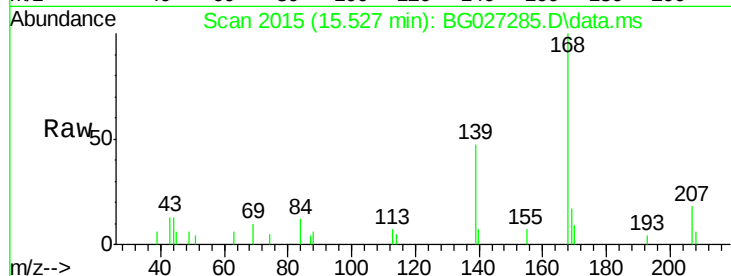
Tot Ion:139 Resp: 2837

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: 17.889 min Scan# 2417

Delta R.T. -0.026 min

Lab File: BG027285.D

Acq: 7 Jun 2017 16:01

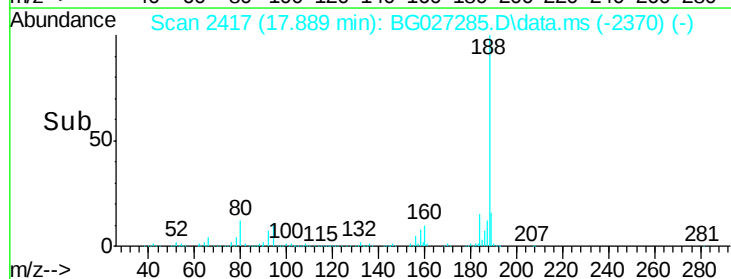
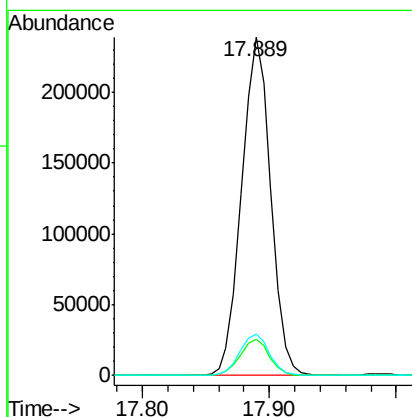
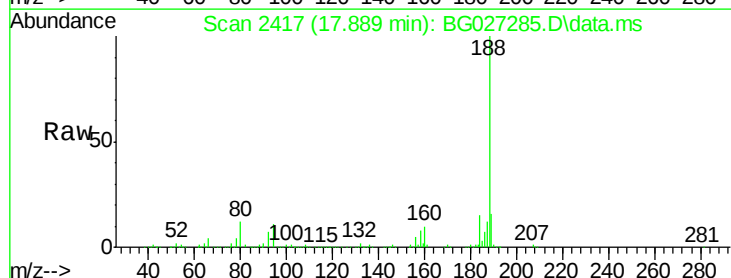
Tgt Ion:188 Resp: 379352

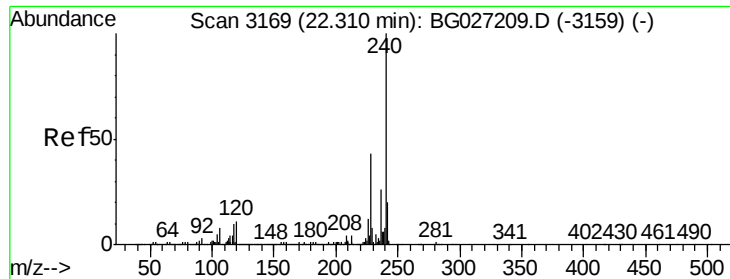
Ion Ratio Lower Upper

188 100

94 10.5 5.8 8.8#

80 12.3 7.5 11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.278 min Scan# 31

Delta R.T. -0.032 min

Lab File: BG027285.D

Acq: 7 Jun 2017 16:01

Instrument :

BNA_G

ClientSampleId :

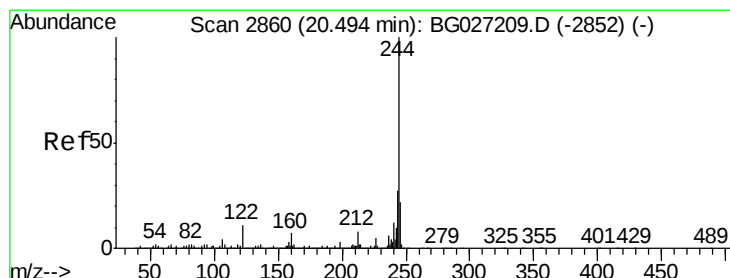
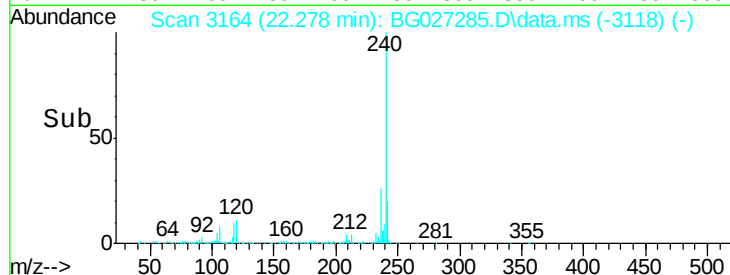
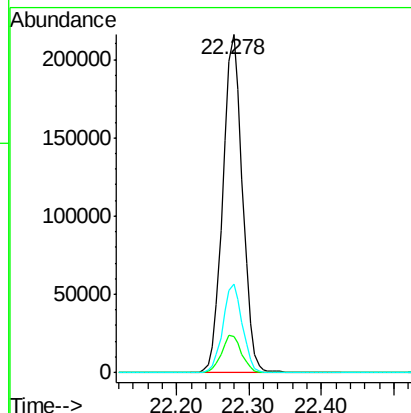
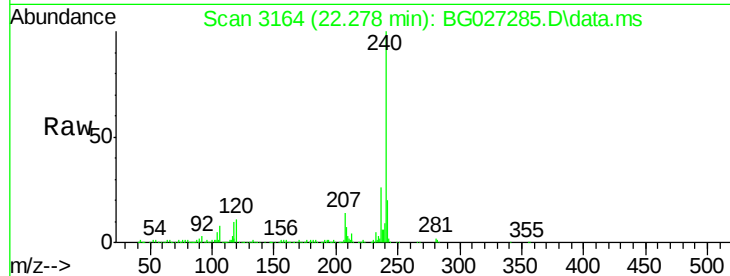
Tot Ion:240 Resp: 405699

Ion Ratio Lower Upper

240 100

120 10.7 5.7 8.5#

236 26.3 22.2 33.4



#78

Terphenyl-d14

Concen: 107.32 ng

RT: 20.469 min Scan# 2856

Delta R.T. -0.026 min

Lab File: BG027285.D

Acq: 7 Jun 2017 16:01

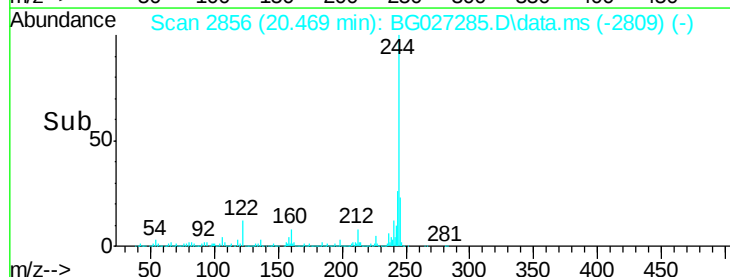
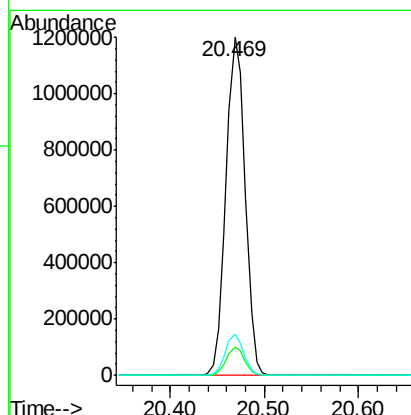
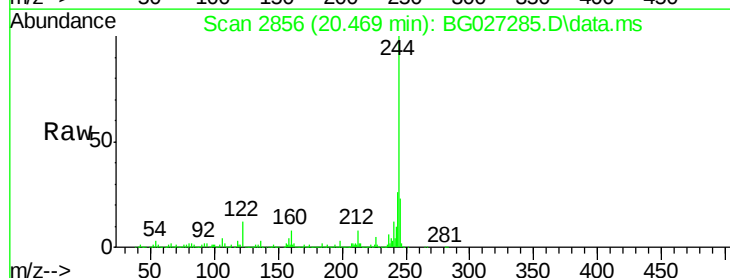
Tgt Ion:244 Resp: 1706841

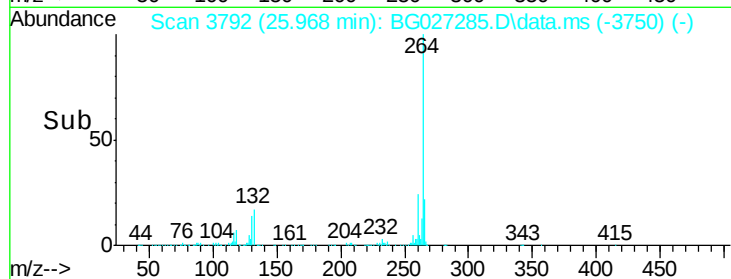
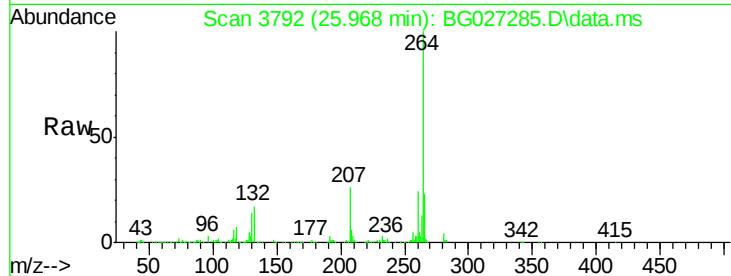
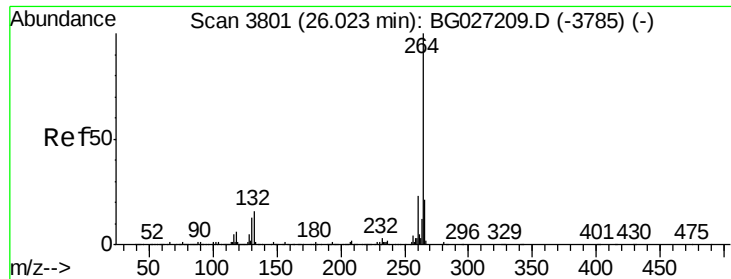
Ion Ratio Lower Upper

244 100

212 8.4 10.0 15.0#

122 12.0 8.6 12.8





#86

Pervlene-d12

Concen: 20.00 ng

RT: 25.968 min Scan# 37

Delta R.T. -0.055 min

Lab File: BG027285.D

Acq: 7 Jun 2017 16:01

Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 365752

Ion Ratio Lower Upper

264 100

260 23.8 21.8 32.8

265 22.8 18.2 27.4

