

Data Path : Z:\HPCHEM1\BNA G\Data\BG060617\
 Data File : BG027282.D
 Acq On : 7 Jun 2017 14:04
 Operator : SJ/MA
 Sample : I3482-09
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-060517-C

Quant Time: Jun 07 15:21:56 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

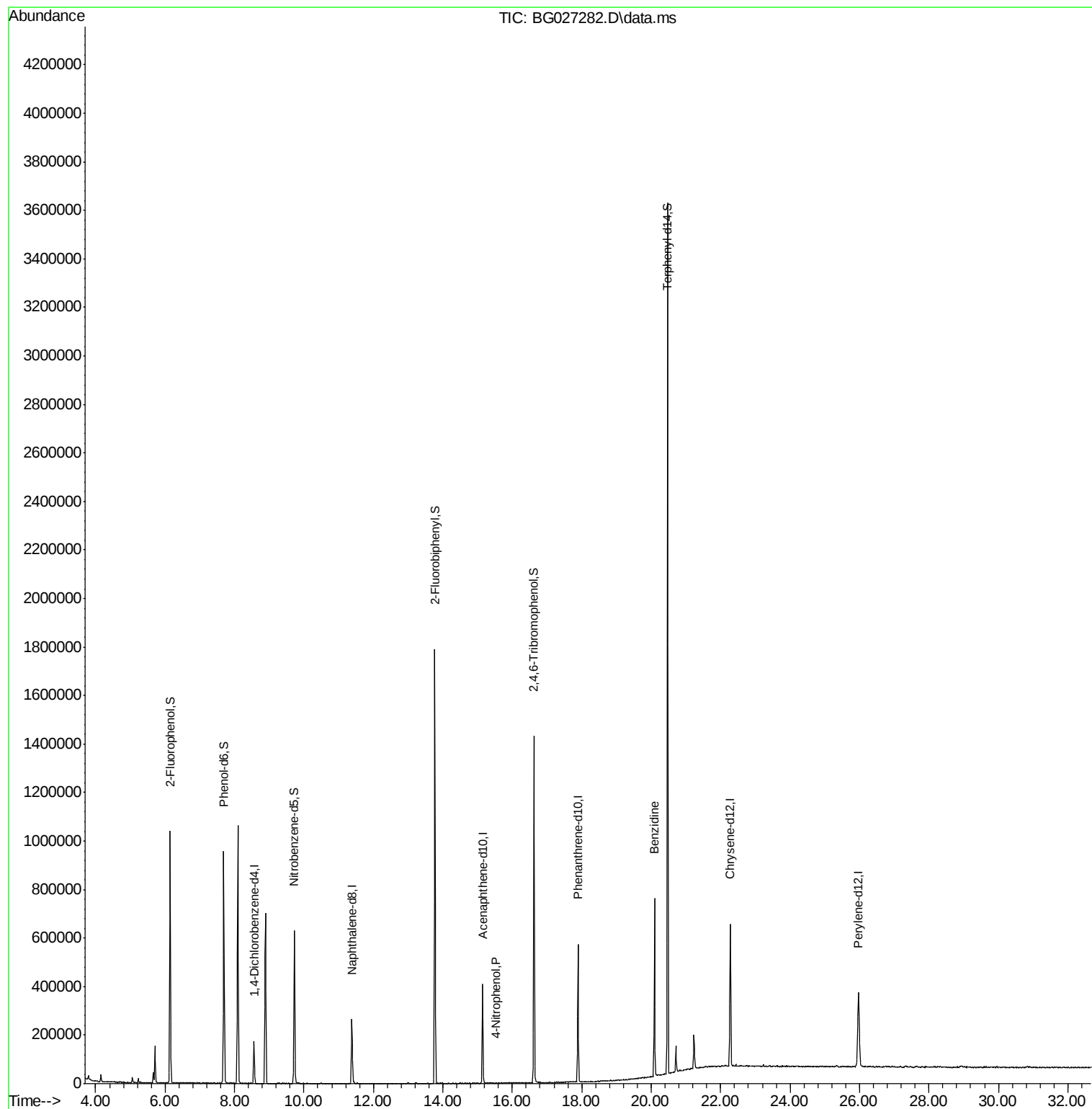
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.561	152	50423	20.00	ng	-0.02
21) Naphthalene-d8	11.381	136	237626	20.00	ng	-0.02
38) Acenaphthene-d10	15.141	164	150566	20.00	ng	-0.02
63) Phenanthrene-d10	17.891	188	359802	20.00	ng	-0.02
75) Chrysene-d12	22.280	240	414690	20.00	ng	-0.03
86) Perylene-d12	25.970	264	381408	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.146	112	491829	148.84	ng	-0.01
7) Phenol-d6	7.691	99	643583	132.69	ng	-0.01
23) Nitrobenzene-d5	9.724	82	414340	109.66	ng	-0.02
41) 2,4,6-Tribromophenol	16.628	330	292481	147.52	ng	-0.02
44) 2-Fluorobiphenyl	13.772	172	995095	92.46	ng	-0.02
78) Terphenyl-d14	20.470	244	1621358	99.74	ng	-0.02
Target Compounds						
55) 4-Nitrophenol	15.535	139	353	6.27	ng	Qvalue # 1
76) Benzidine	20.094	184	433060	34.67	ng	97

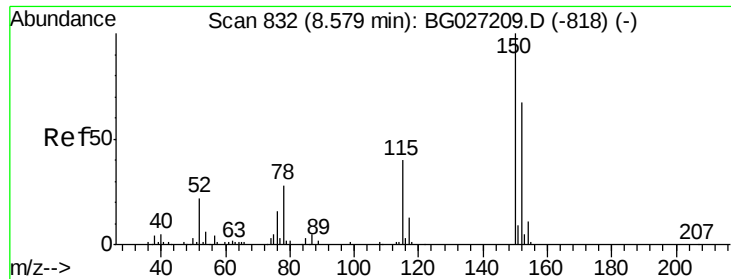
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.561 min Scan# 82

Delta R.T. -0.018 min

Lab File: BG027282.D

Acq: 7 Jun 2017 14:04

Instrument :

BNA_G

ClientSampleId :

CL-01-060517-C

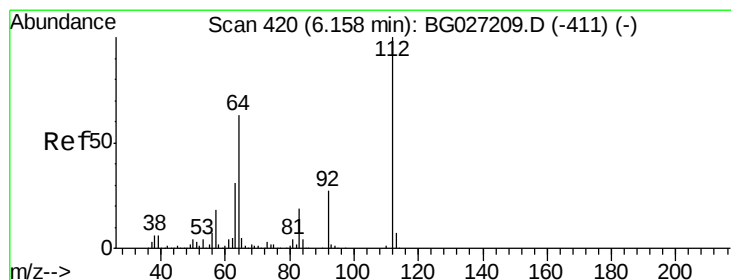
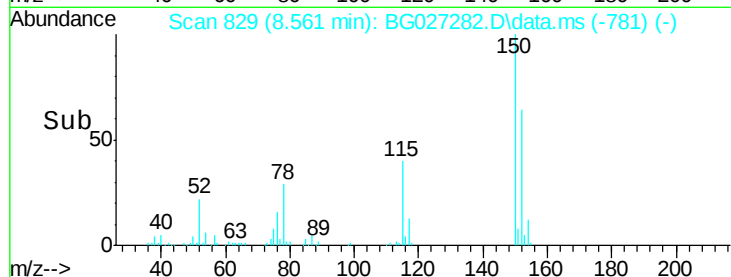
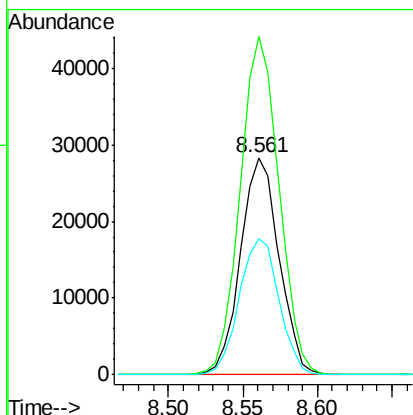
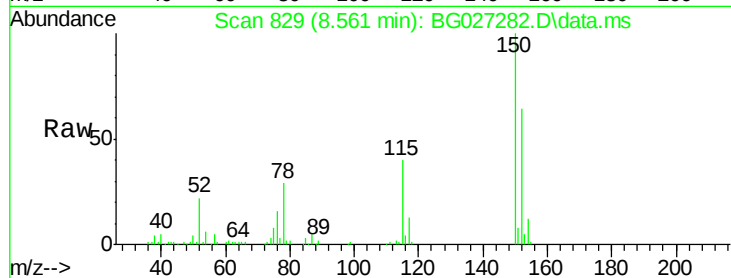
Tot Ion:152 Resp: 50423

Ion Ratio Lower Upper

152 100

150 156.1 114.0 171.0

115 62.8 48.1 72.1



#5

2-Fluorophenol

Concen: 148.84 ng

RT: 6.146 min Scan# 418

Delta R.T. -0.012 min

Lab File: BG027282.D

Acq: 7 Jun 2017 14:04

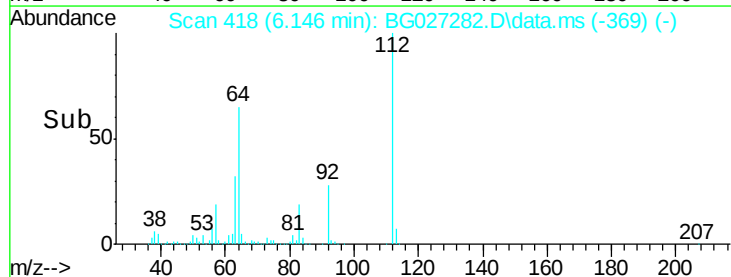
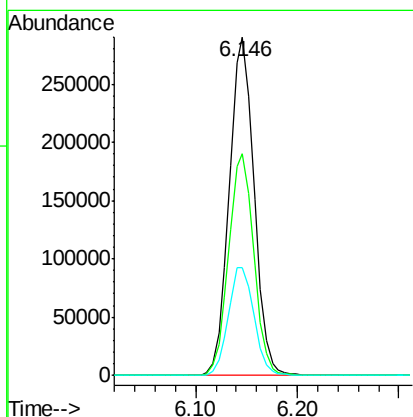
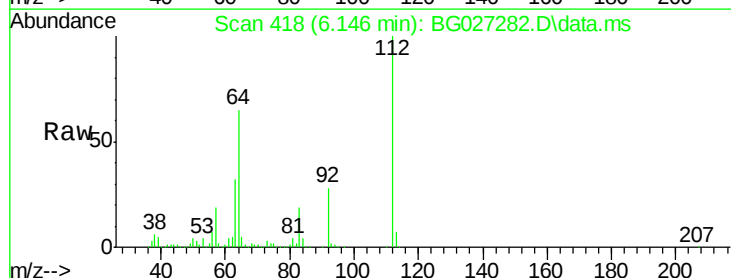
Tgt Ion:112 Resp: 491829

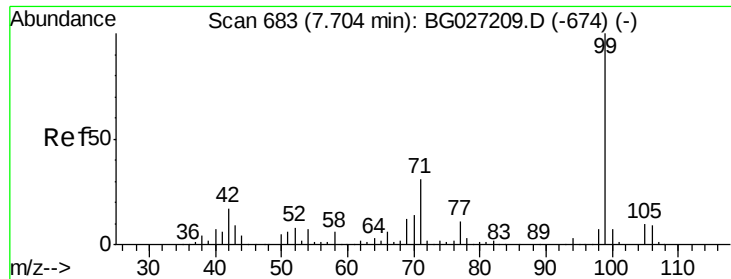
Ion Ratio Lower Upper

112 100

64 65.4 61.8 92.6

63 32.0 37.2 55.8#





#7

Phenol-d6

Concen: 132.69 ng

RT: 7.691 min Scan# 68

Delta R.T. -0.012 min

Lab File: BG027282.D

Acq: 7 Jun 2017 14:04

Instrument :

BNA_G

ClientSampleId :

CL-01-060517-C

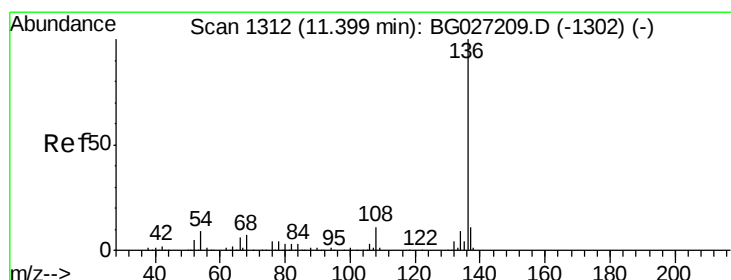
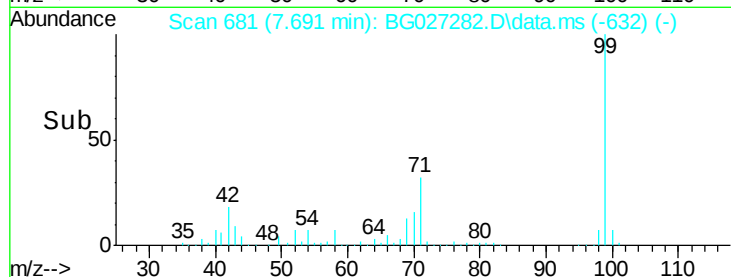
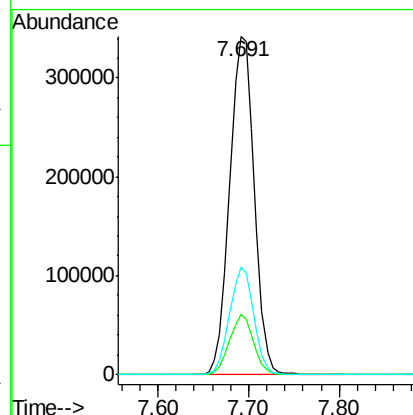
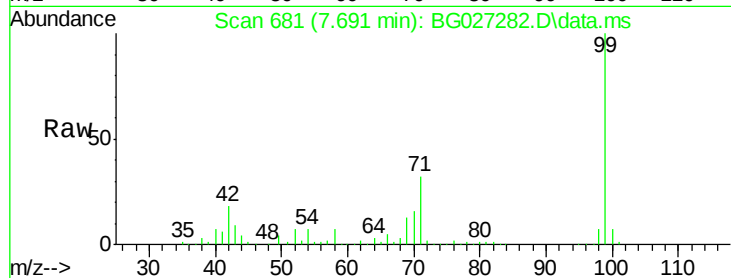
Tot Ion: 99 Resp: 643583

Ion Ratio Lower Upper

99 100

42 17.8 20.5 30.7#

71 31.7 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.381 min Scan# 1309

Delta R.T. -0.018 min

Lab File: BG027282.D

Acq: 7 Jun 2017 14:04

Tgt Ion: 136 Resp: 237626

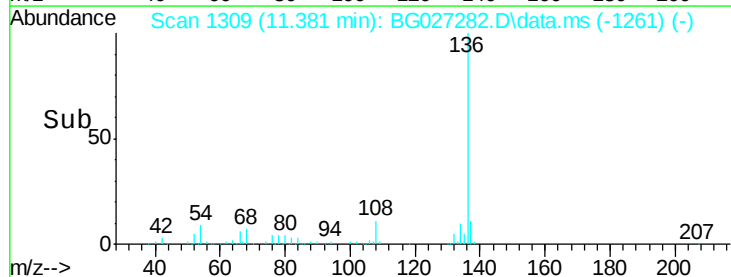
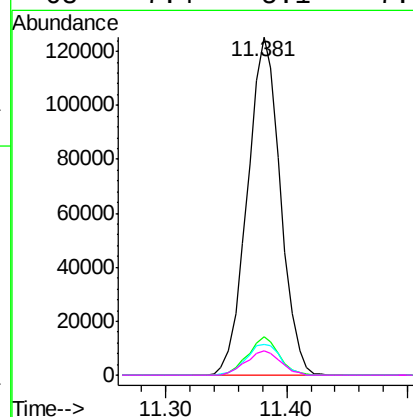
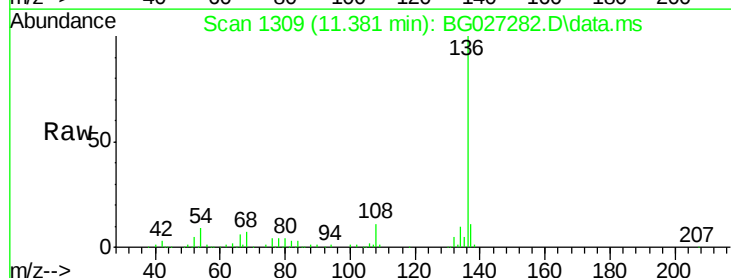
Ion Ratio Lower Upper

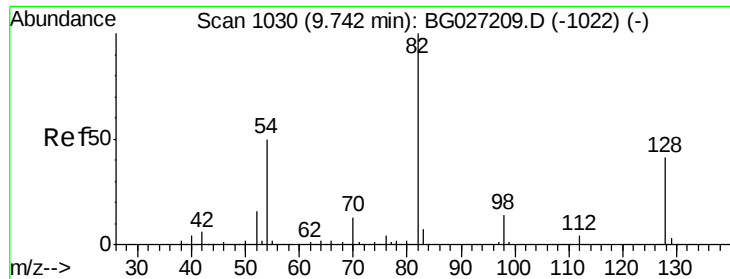
136 100

137 11.4 8.9 13.3

54 9.2 9.3 13.9#

68 7.4 5.1 7.7

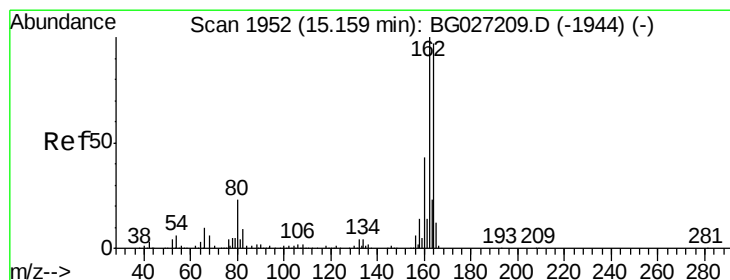
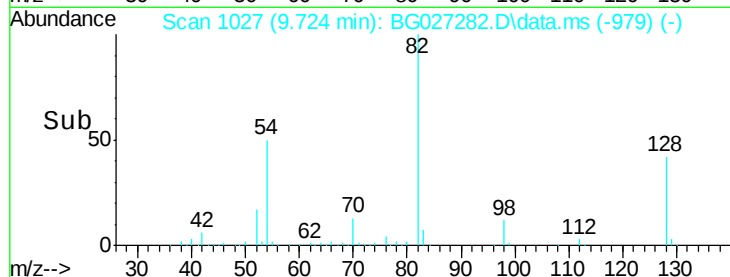
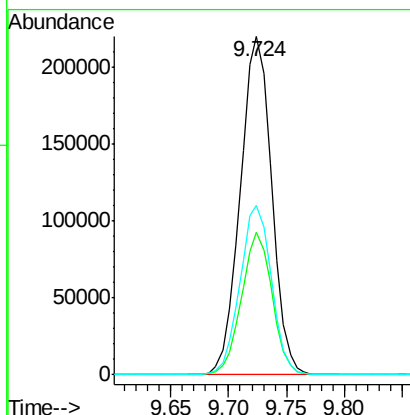
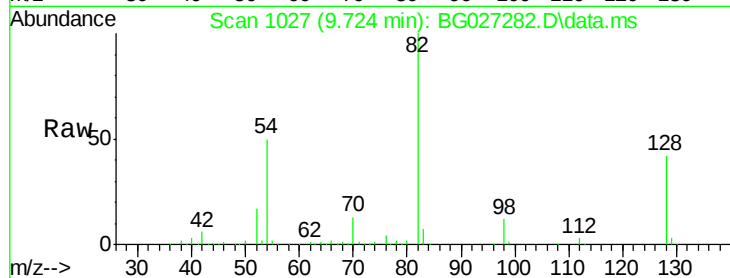




#23
 Nitrobenzene-d5
 Concen: 109.66 ng
 RT: 9.724 min Scan# 10
 Delta R.T. -0.018 min
 Lab File: BG027282.D
 Acq: 7 Jun 2017 14:04

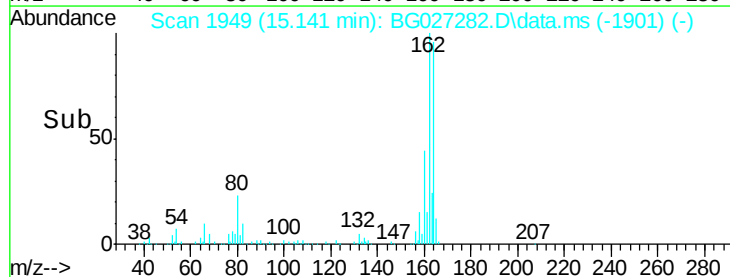
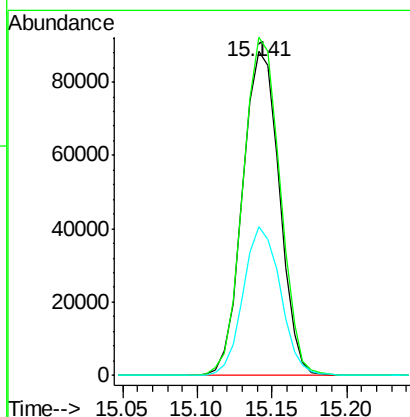
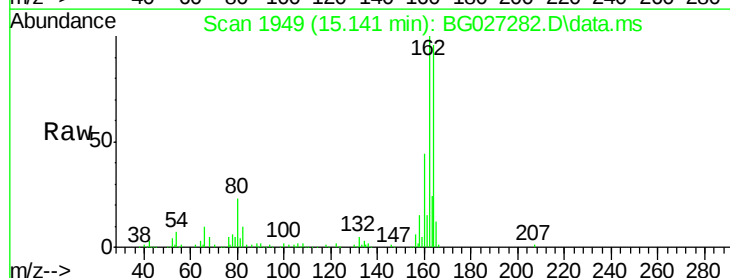
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-060517-C

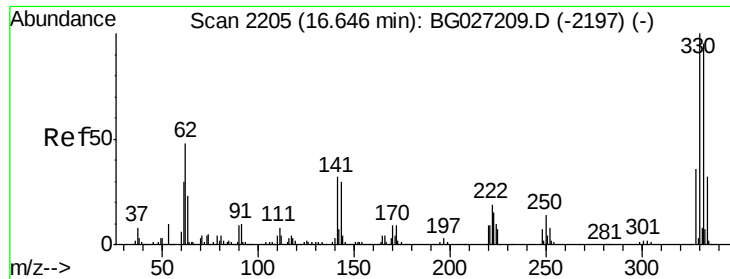
Tot Ion: 82 Resp: 414340
 Ion Ratio Lower Upper
 82 100
 128 42.2 26.4 39.6#
 54 50.1 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.141 min Scan# 1949
 Delta R.T. -0.018 min
 Lab File: BG027282.D
 Acq: 7 Jun 2017 14:04

Tgt Ion: 164 Resp: 150566
 Ion Ratio Lower Upper
 164 100
 162 104.2 85.1 127.7
 160 45.9 34.7 52.1

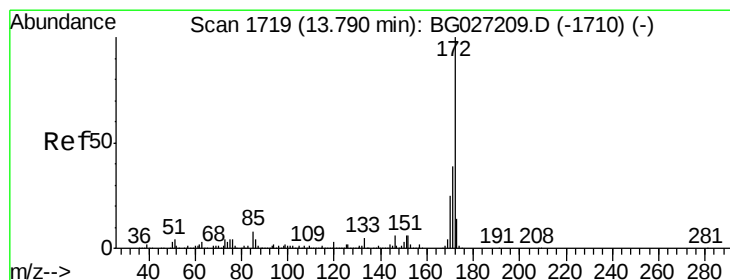
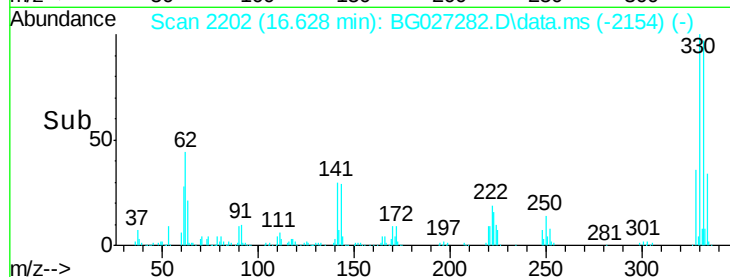
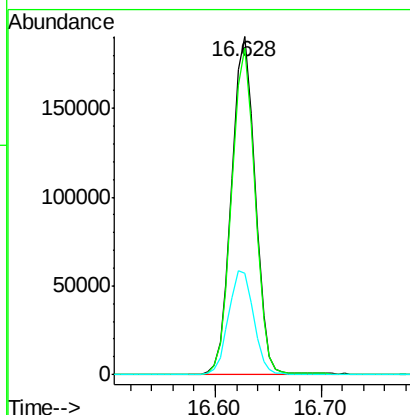
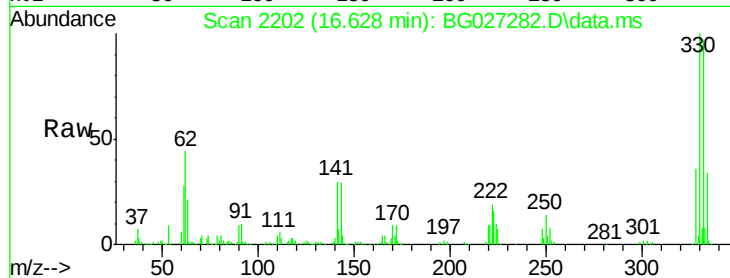




#41
 2,4,6-Tribromophenol
 Concen: 147.52 ng
 RT: 16.628 min Scan# 22
 Delta R.T. -0.018 min
 Lab File: BG027282.D
 Acq: 7 Jun 2017 14:04

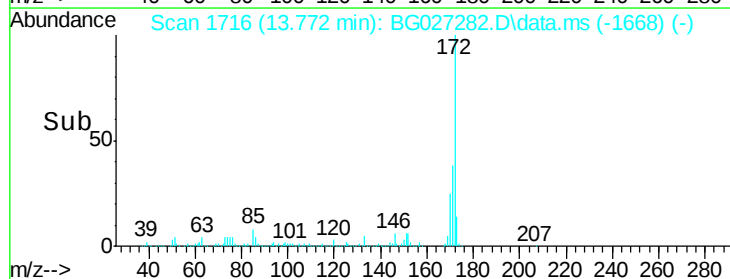
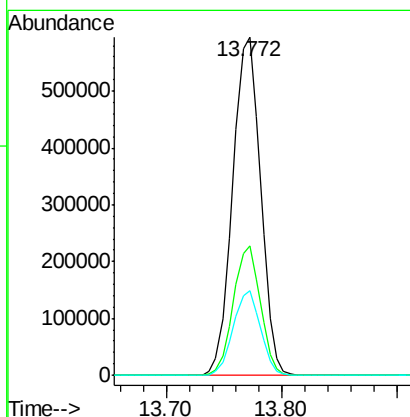
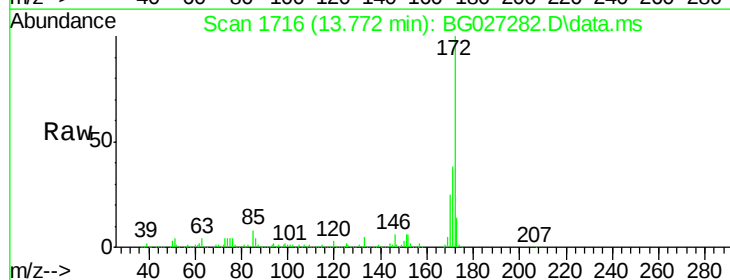
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-060517-C

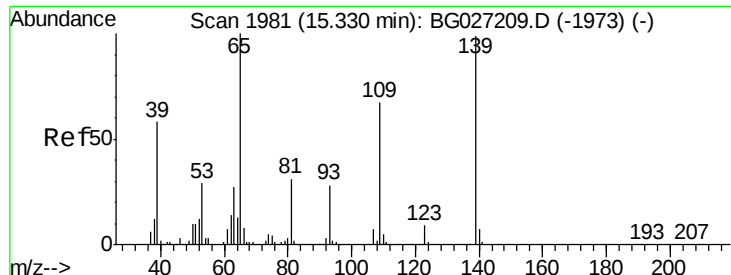
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	32.6	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 92.46 ng
 RT: 13.772 min Scan# 1716
 Delta R.T. -0.018 min
 Lab File: BG027282.D
 Acq: 7 Jun 2017 14:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	32.2	48.2
170	25.1	21.8	32.6





#55

4-Nitrophenol

Concen: 6.27 ng

RT: 15.535 min Scan# 2016

Delta R.T. 0.206 min

Lab File: BG027282.D

Acq: 7 Jun 2017 14:04

Instrument :

BNA_G

ClientSampleId :

CL-01-060517-C

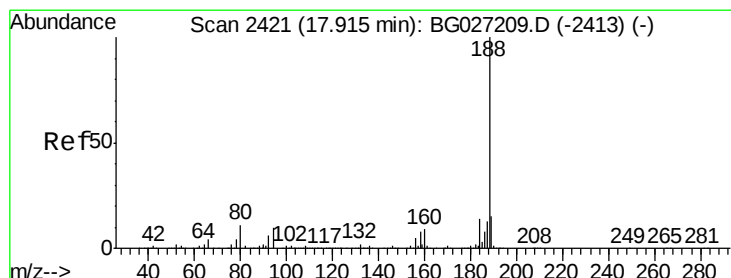
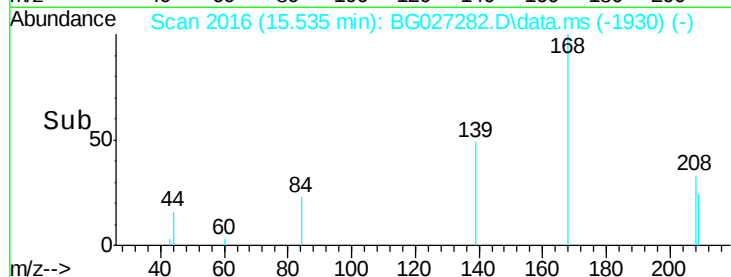
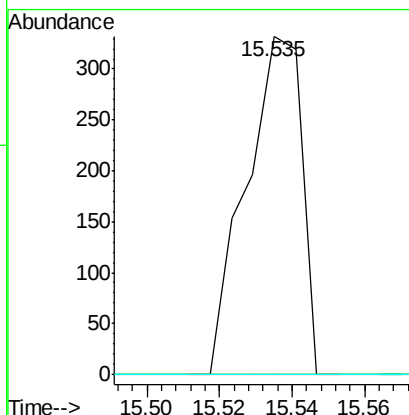
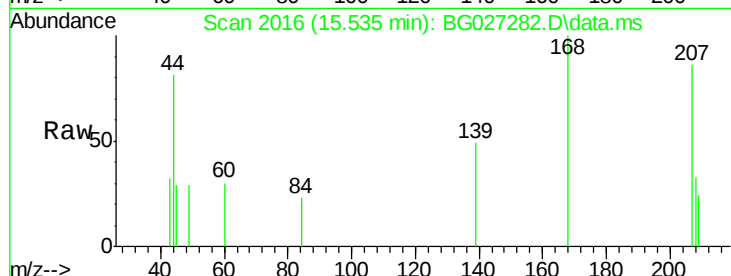
Tot Ion:139 Resp: 353

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: 17.891 min Scan# 2417

Delta R.T. -0.024 min

Lab File: BG027282.D

Acq: 7 Jun 2017 14:04

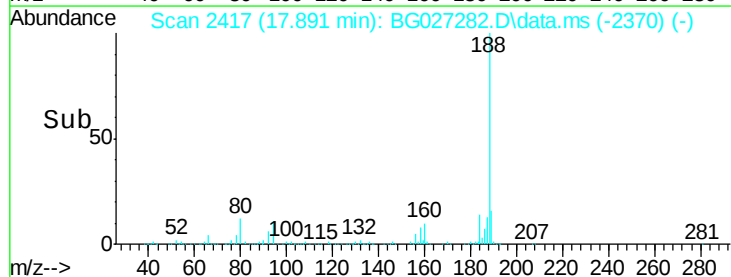
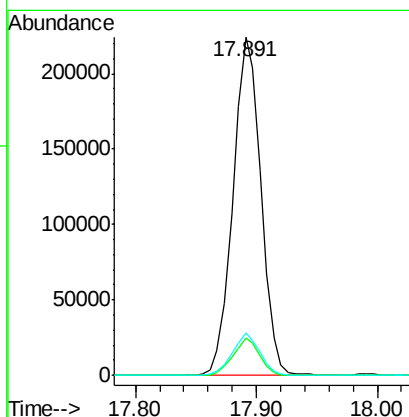
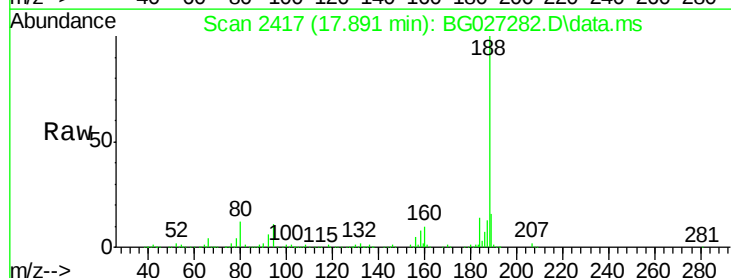
Tgt Ion:188 Resp: 359802

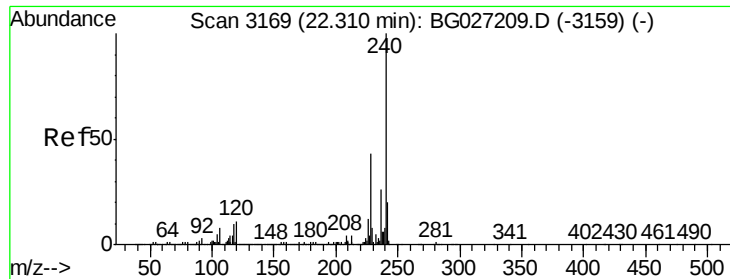
Ion Ratio Lower Upper

188 100

94 11.2 5.8 8.8#

80 12.5 7.5 11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.280 min Scan# 31

Delta R.T. -0.030 min

Lab File: BG027282.D

Acq: 7 Jun 2017 14:04

Instrument :

BNA_G

ClientSampleId :

CL-01-060517-C

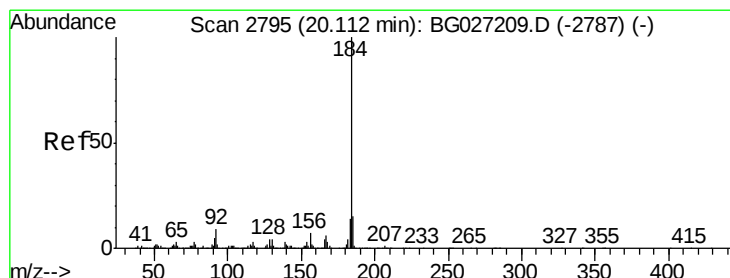
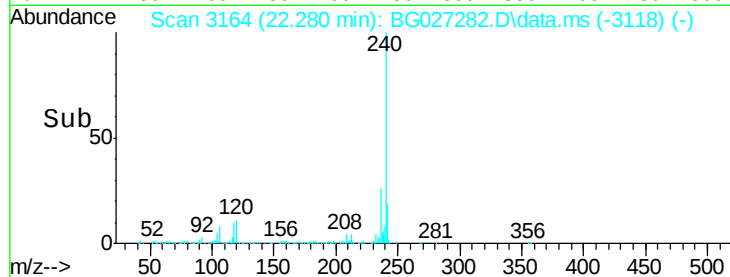
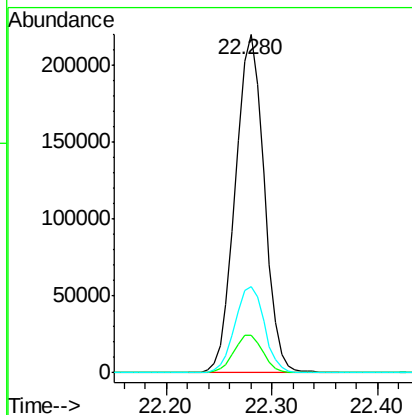
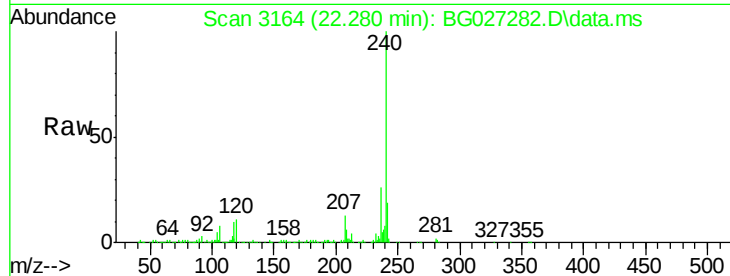
Tot Ion:240 Resp: 414690

Ion Ratio Lower Upper

240 100

120 11.0 5.7 8.5#

236 25.5 22.2 33.4



#76

Benzidine

Concen: 34.67 ng

RT: 20.094 min Scan# 2792

Delta R.T. -0.018 min

Lab File: BG027282.D

Acq: 7 Jun 2017 14:04

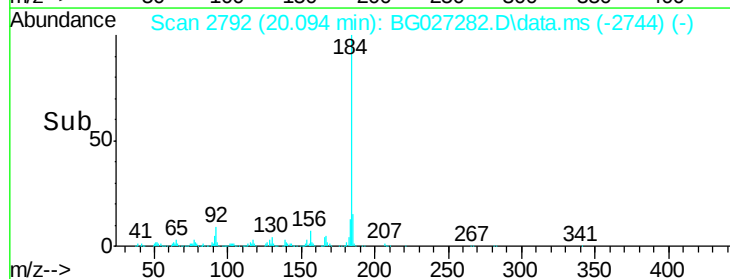
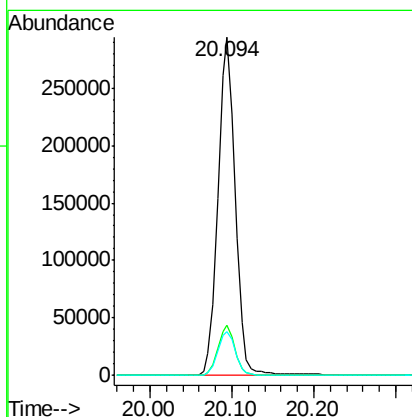
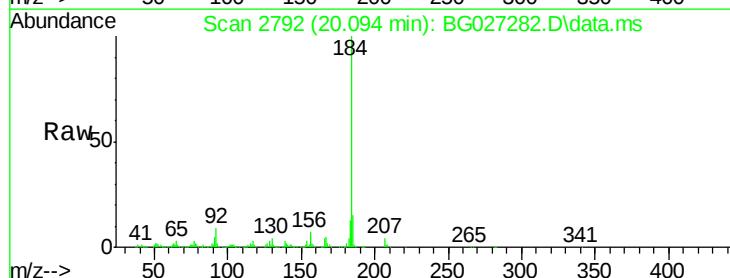
Tgt Ion:184 Resp: 433060

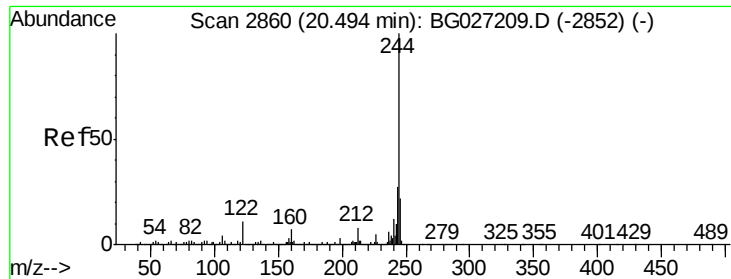
Ion Ratio Lower Upper

184 100

185 14.7 13.0 19.6

183 12.7 11.0 16.6





#78

Terphenyl-d14

Concen: 99.74 ng

RT: 20.470 min Scan# 28

Delta R.T. -0.024 min

Lab File: BG027282.D

Acq: 7 Jun 2017 14:04

Instrument :

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CL-01-060517-C

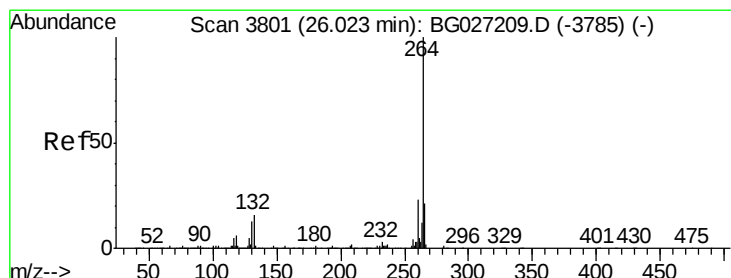
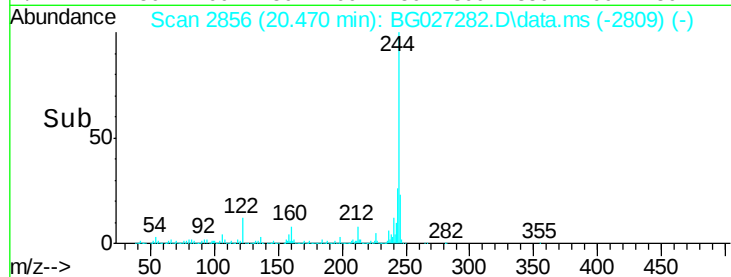
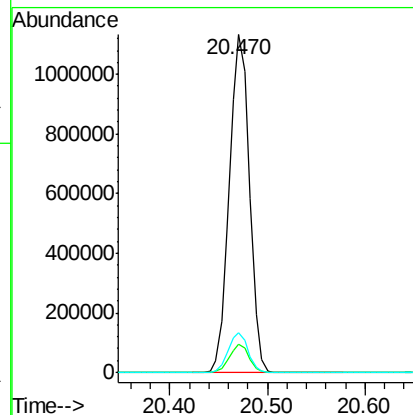
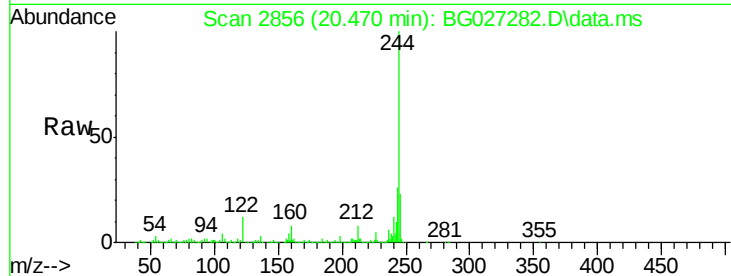
Tot Ion:244 Resp: 1621358

Ion Ratio Lower Upper

244 100

212 8.5 10.0 15.0#

122 11.8 8.6 12.8



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.970 min Scan# 3792

Delta R.T. -0.053 min

Lab File: BG027282.D

Acq: 7 Jun 2017 14:04

Tgt Ion:264 Resp: 381408

Ion Ratio Lower Upper

264 100

260 23.4 21.8 32.8

265 22.2 18.2 27.4

