

Data Path : Z:\HPCHEM1\BNA G\Data\BG060617\
 Data File : BG027283.D
 Acq On : 7 Jun 2017 14:43
 Operator : SJ/MA
 Sample : I3482-12
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

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

Quant Time: Jun 07 15:22:07 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	8.561	152	53629	20.00	ng	-0.02
21) Naphthalene-d8	11.381	136	249941	20.00	ng	-0.02
38) Acenaphthene-d10	15.142	164	164553	20.00	ng	-0.02
63) Phenanthrene-d10	17.891	188	382835	20.00	ng	-0.02
75) Chrysene-d12	22.280	240	430942	20.00	ng	-0.03
86) Perylene-d12	25.970	264	398828	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.140	112	55635	15.83	ng	-0.02
7) Phenol-d6	7.686	99	76751	14.88	ng	-0.02
23) Nitrobenzene-d5	9.719	82	44718	11.25	ng	-0.02
41) 2,4,6-Tribromophenol	16.622	330	12856	5.93	ng	-0.02
44) 2-Fluorobiphenyl	13.767	172	125232	10.65	ng	-0.02
78) Terphenyl-d14	20.465	244	195623	11.58	ng	-0.03

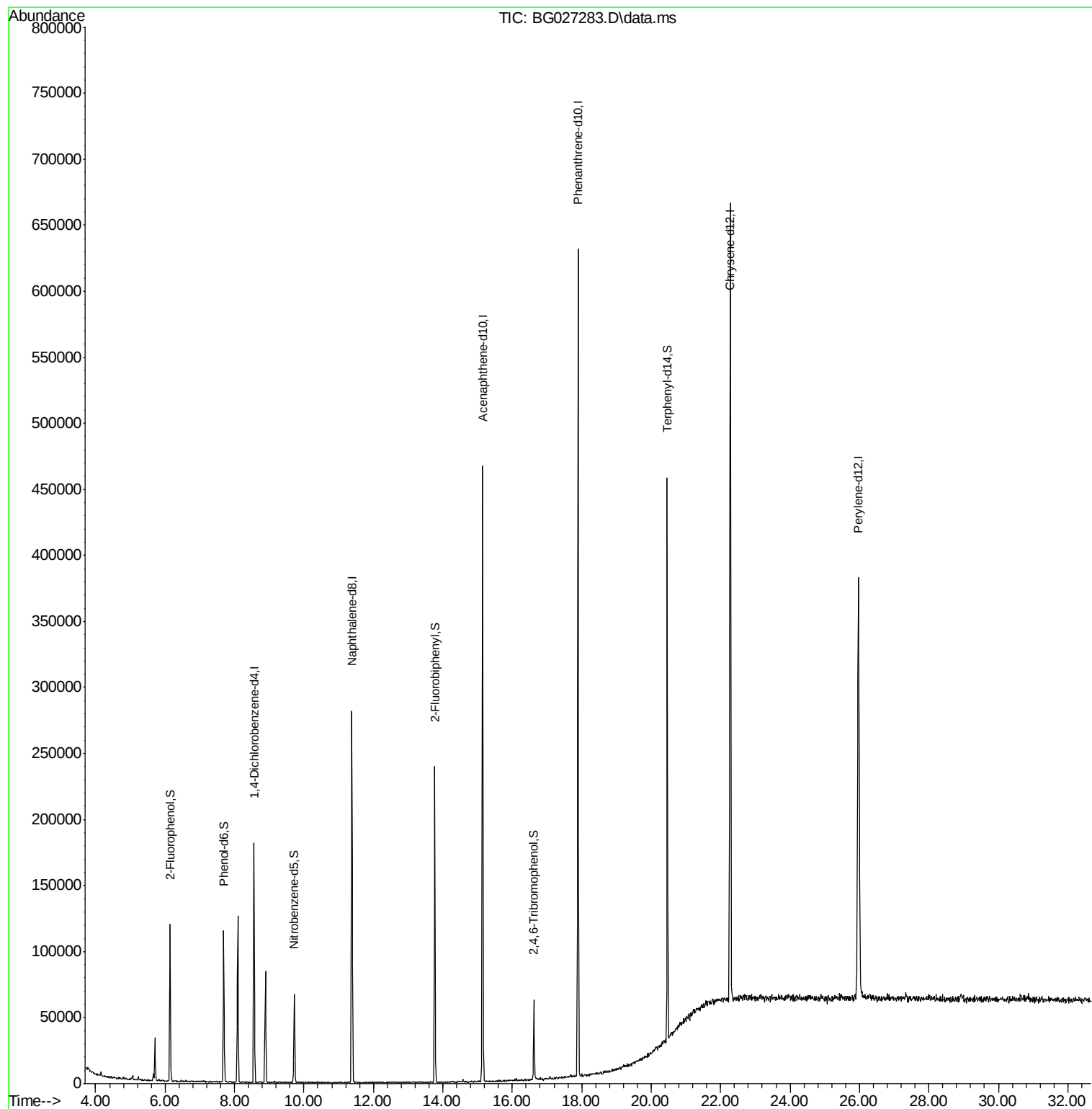
Target Compounds Qvalue

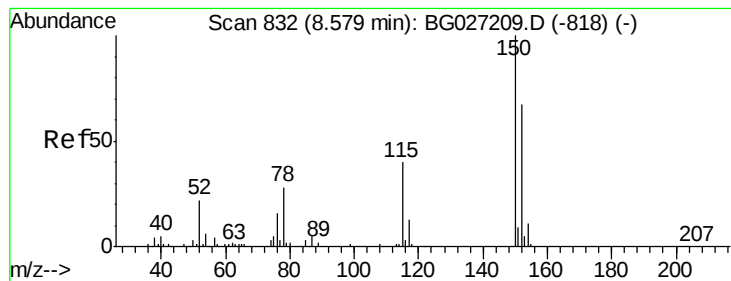
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.561 min Scan# 82

Delta R.T. -0.018 min

Lab File: BG027283.D

Acq: 7 Jun 2017 14:43

Instrument :

BNA_G

ClientSampleId :

CL-01-060517-D

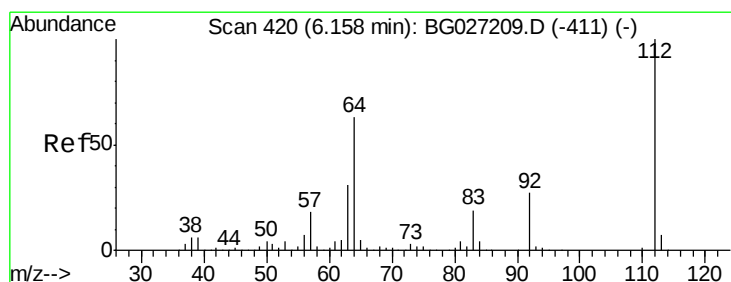
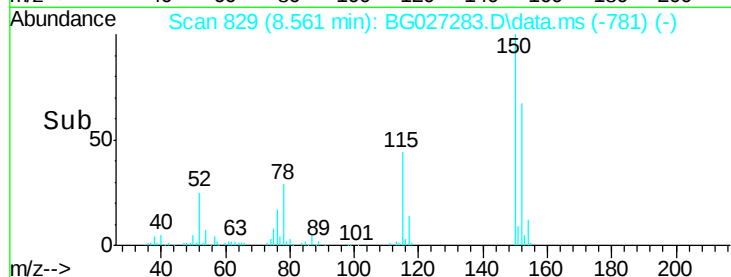
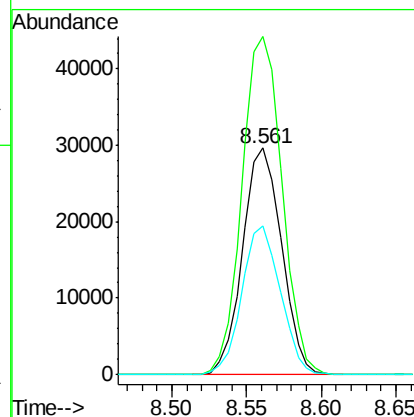
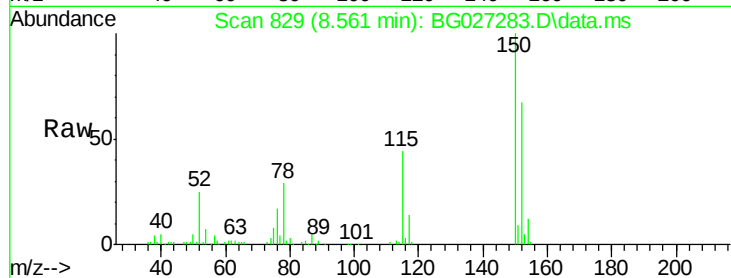
Tot Ion:152 Resp: 53629

Ion Ratio Lower Upper

152 100

150 149.2 114.0 171.0

115 65.5 48.1 72.1



#5

2-Fluorophenol

Concen: 15.83 ng

RT: 6.140 min Scan# 417

Delta R.T. -0.018 min

Lab File: BG027283.D

Acq: 7 Jun 2017 14:43

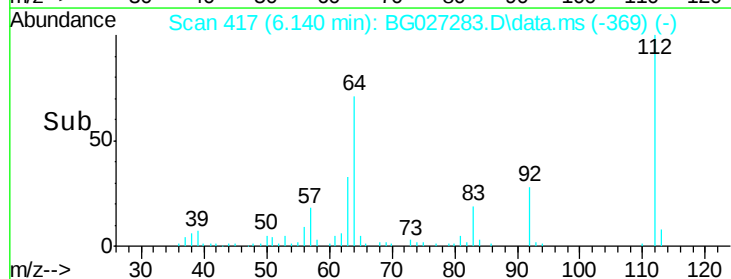
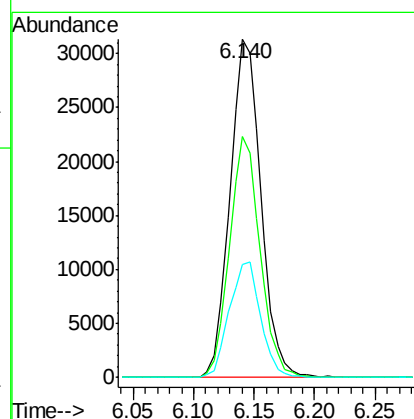
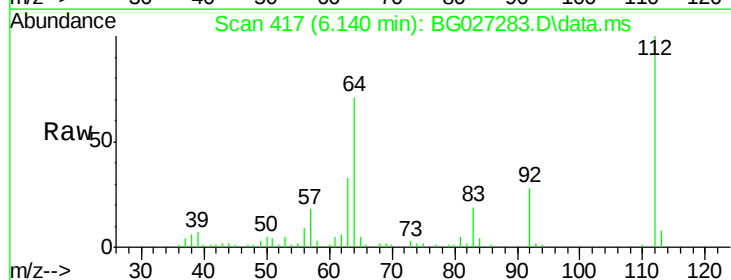
Tgt Ion:112 Resp: 55635

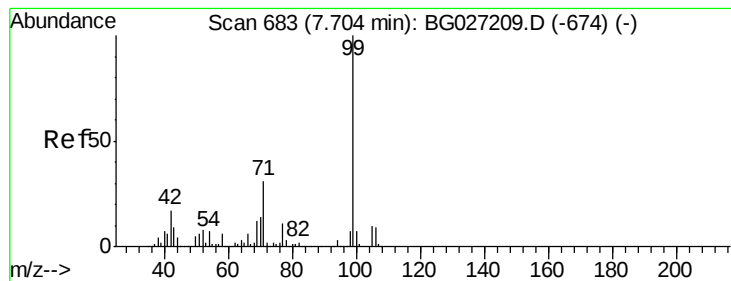
Ion Ratio Lower Upper

112 100

64 71.4 61.8 92.6

63 33.4 37.2 55.8#





#7

Phenol-d6

Concen: 14.88 ng

RT: 7.686 min Scan# 68

Delta R.T. -0.018 min

Lab File: BG027283.D

Acq: 7 Jun 2017 14:43

Instrument :

BNA_G

ClientSampleId :

CL-01-060517-D

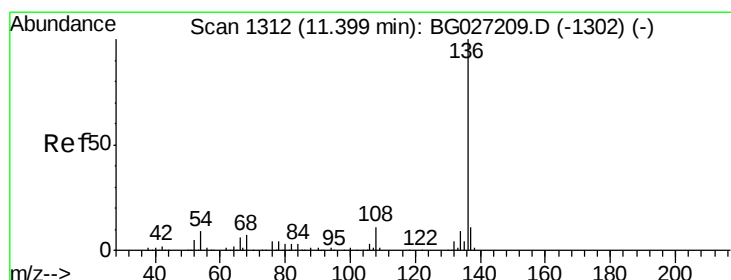
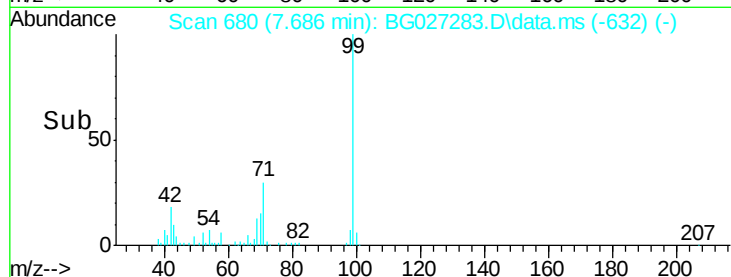
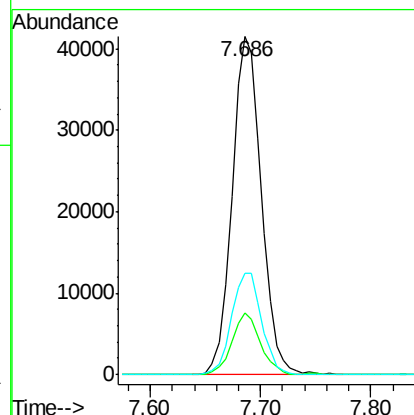
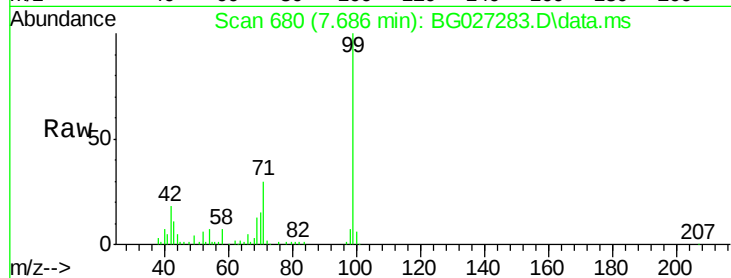
Tot Ion: 99 Resp: 76751

Ion Ratio Lower Upper

99 100

42 18.2 20.5 30.7#

71 30.1 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: BG027283.D

Acq: 7 Jun 2017 14:43

Tgt Ion: 136 Resp: 249941

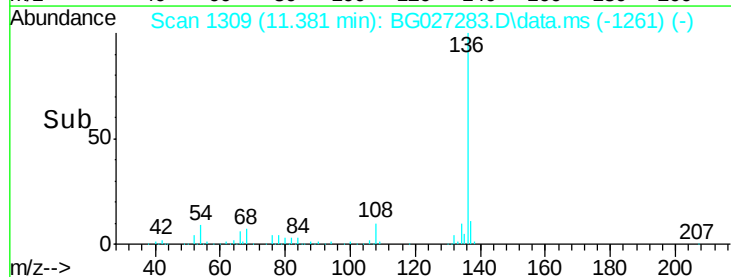
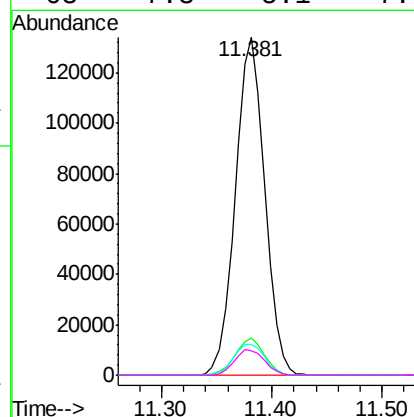
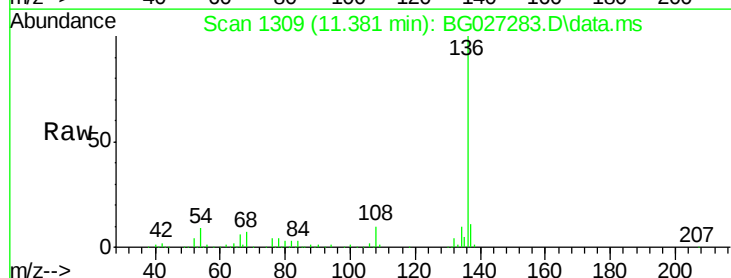
Ion Ratio Lower Upper

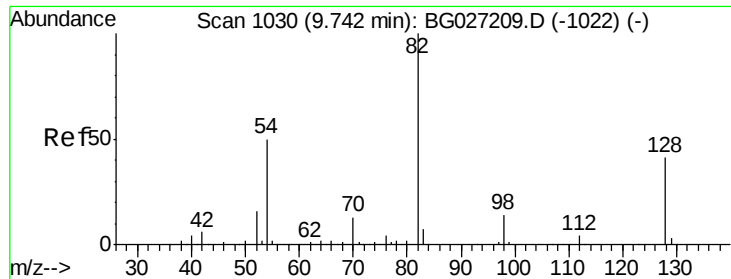
136 100

137 11.1 8.9 13.3

54 9.2 9.3 13.9#

68 7.3 5.1 7.7

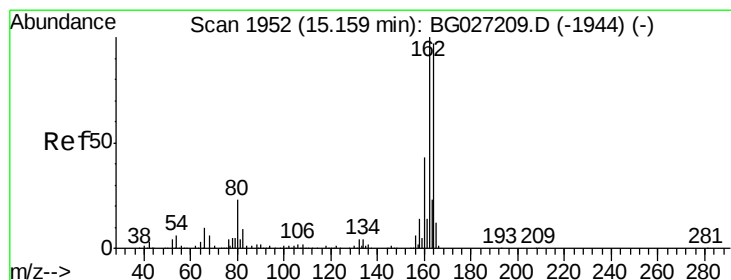
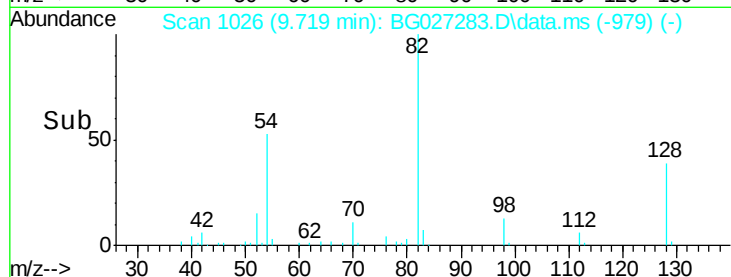
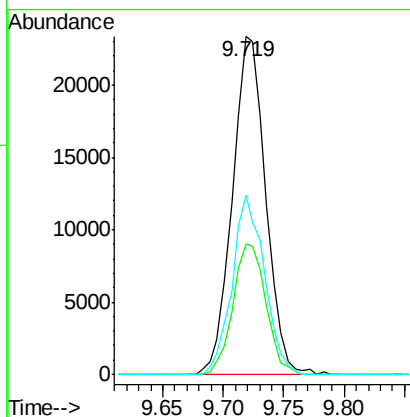
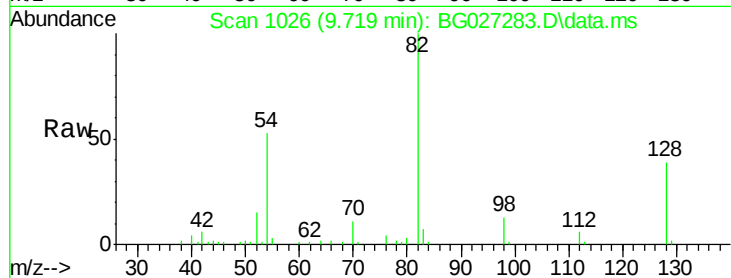




#23
Nitrobenzene-d5
Concen: 11.25 ng
RT: 9.719 min Scan# 10
Delta R.T. -0.024 min
Lab File: BG027283.D
Acq: 7 Jun 2017 14:43

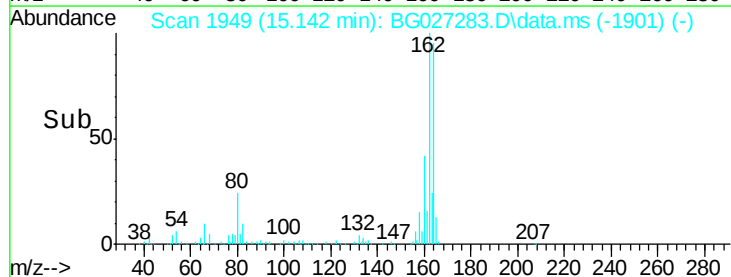
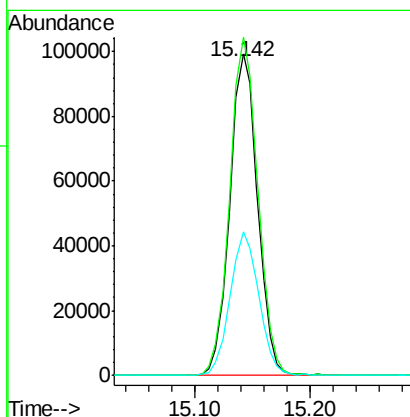
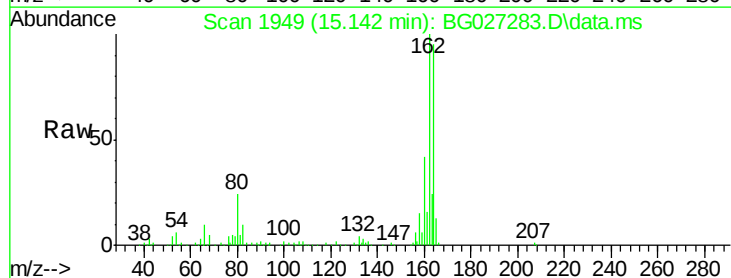
Instrument :
BNA_G
ClientSampleId :
CL-01-060517-D

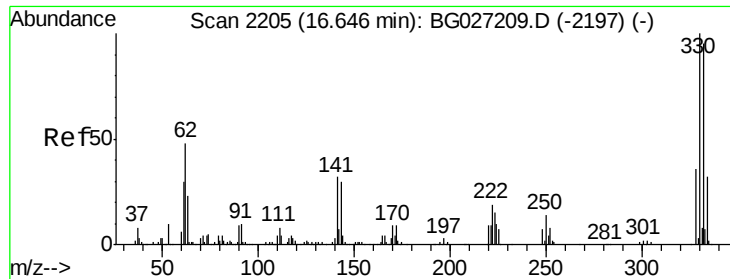
Tot Ion: 82 Resp: 44718
Ion Ratio Lower Upper
82 100
128 38.5 26.4 39.6
54 53.2 49.4 74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.142 min Scan# 1949
Delta R.T. -0.018 min
Lab File: BG027283.D
Acq: 7 Jun 2017 14:43

Tgt Ion: 164 Resp: 164553
Ion Ratio Lower Upper
164 100
162 105.0 85.1 127.7
160 44.4 34.7 52.1

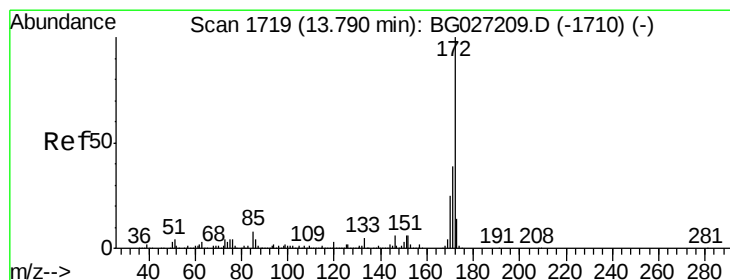
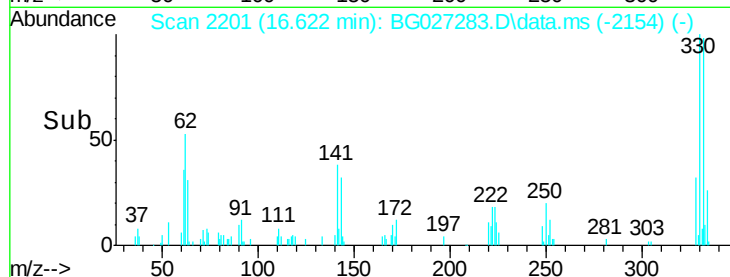
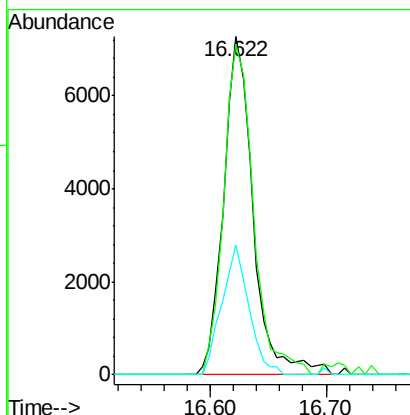
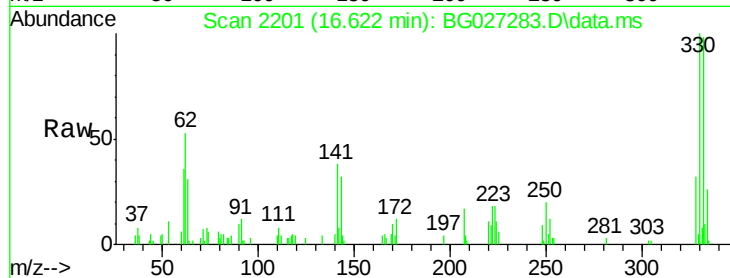




#41
 2,4,6-Tribromophenol
 Concen: 5.93 ng
 RT: 16.622 min Scan# 22
 Delta R.T. -0.024 min
 Lab File: BG027283.D
 Acq: 7 Jun 2017 14:43

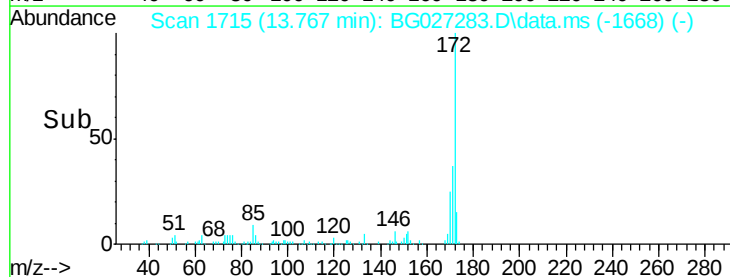
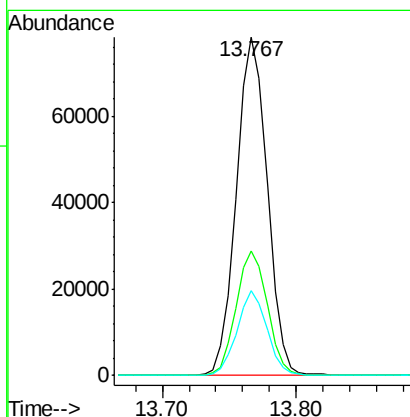
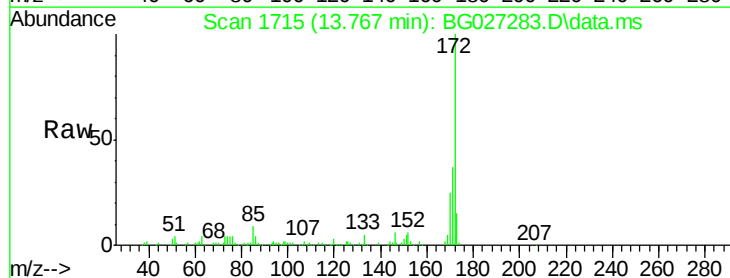
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-060517-D

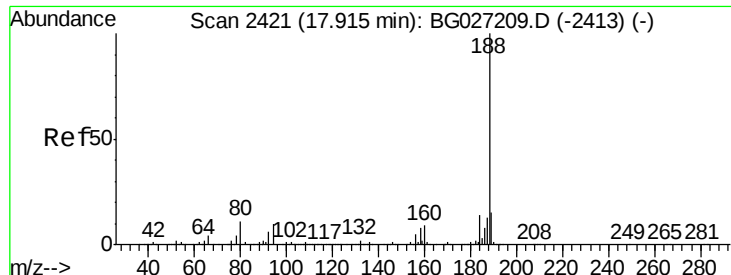
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.3	115.9
141	35.0	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 10.65 ng
 RT: 13.767 min Scan# 1715
 Delta R.T. -0.024 min
 Lab File: BG027283.D
 Acq: 7 Jun 2017 14:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	32.2	48.2
170	25.1	21.8	32.6

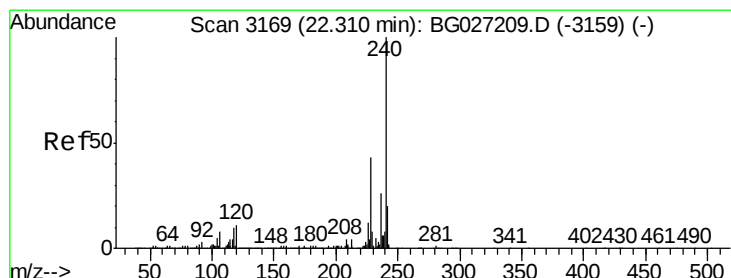
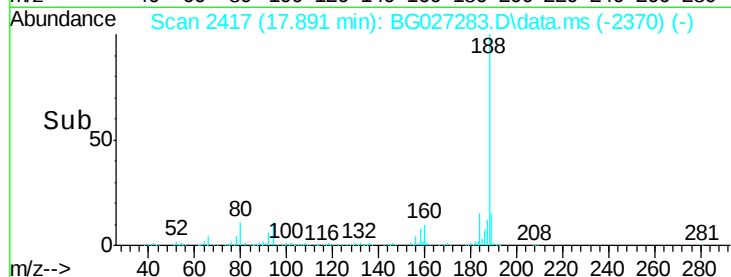
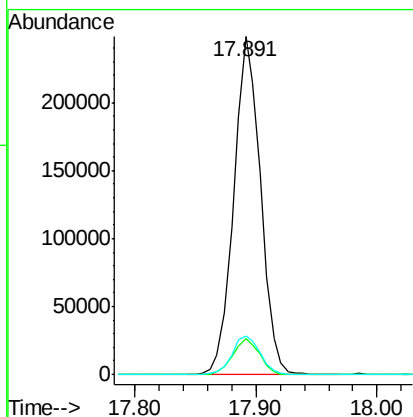
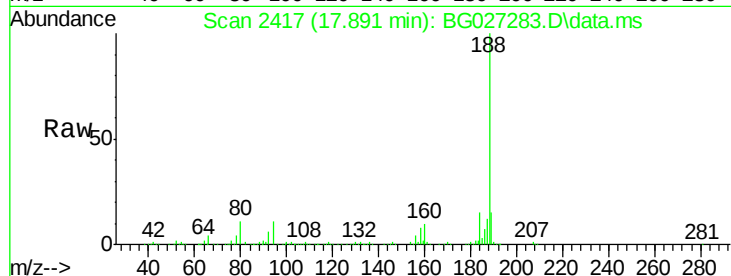




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.891 min Scan# 241
Delta R.T. -0.024 min
Lab File: BG027283.D
Acq: 7 Jun 2017 14:43

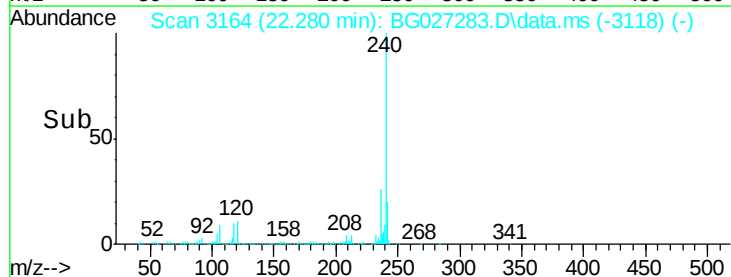
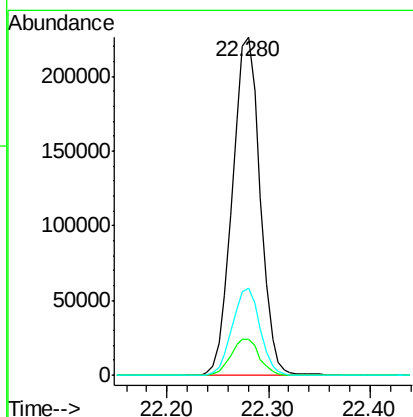
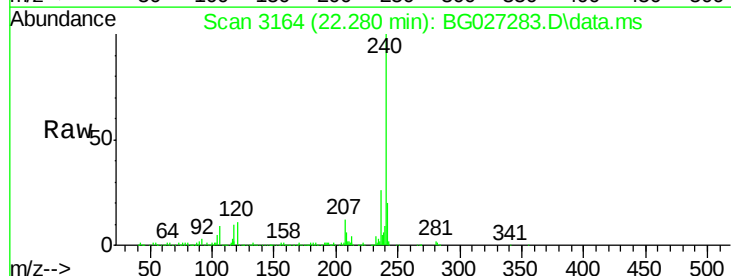
Instrument :
BNA_G
ClientSampleId :
CL-01-060517-D

Tot Ion:188 Resp: 382835
Ion Ratio Lower Upper
188 100
94 10.6 5.8 8.8#
80 11.5 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.280 min Scan# 3164
Delta R.T. -0.030 min
Lab File: BG027283.D
Acq: 7 Jun 2017 14:43

Tgt Ion:240 Resp: 430942
Ion Ratio Lower Upper
240 100
120 10.8 5.7 8.5#
236 25.9 22.2 33.4





#78

Terphenyl-d14

Concen: 11.58 ng

RT: 20.465 min Scan# 28

Delta R.T. -0.030 min

Lab File: BG027283.D

Acq: 7 Jun 2017 14:43

Instrument :

BNA_G

ClientSampleId :

CL-01-060517-D

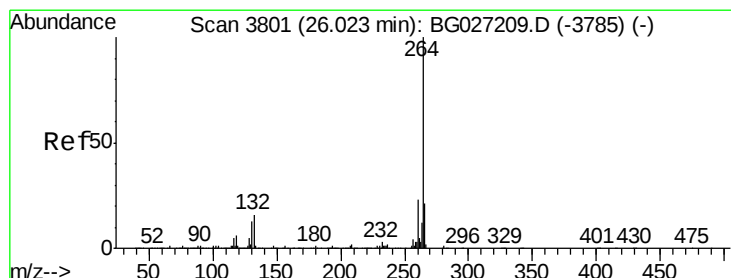
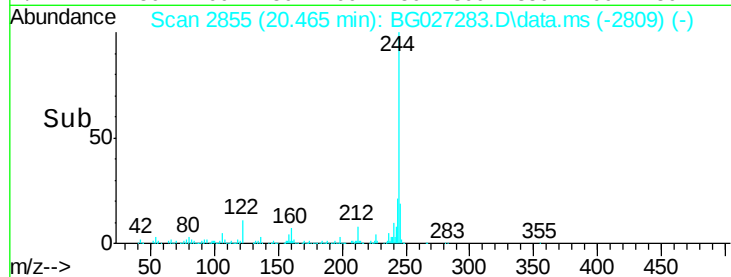
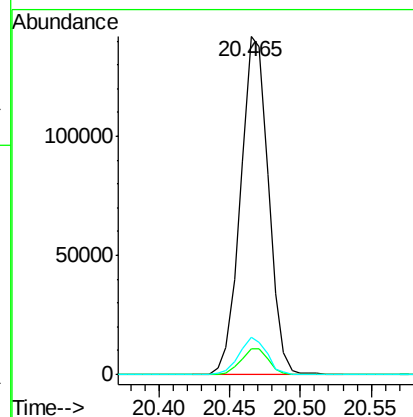
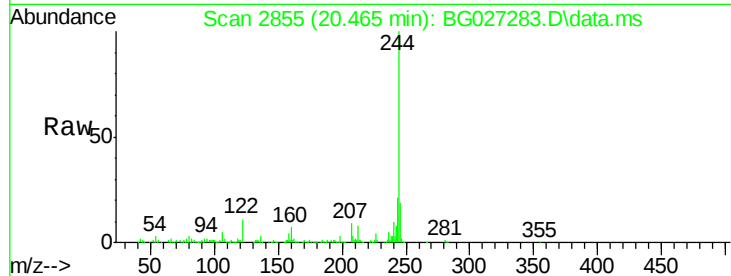
Tot Ion:244 Resp: 195623

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

122 11.0 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: BG027283.D

Acq: 7 Jun 2017 14:43

Tgt Ion:264 Resp: 398828

Ion Ratio Lower Upper

264 100

260 23.7 21.8 32.8

265 22.1 18.2 27.4

