

Data Path : Z:\HPCHEM1\BNA G\Data\BG060617\
 Data File : BG027273.D
 Acq On : 7 Jun 2017 8:11
 Operator : SJ/MA
 Sample : I3466-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-RO-6704-060217

Quant Time: Jun 07 12:11:55 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	8.565	152	48420	20.00	ng	-0.01
21) Naphthalene-d8	11.385	136	226207	20.00	ng	-0.01
38) Acenaphthene-d10	15.146	164	145746	20.00	ng	-0.01
63) Phenanthrene-d10	17.895	188	361437	20.00	ng	-0.02
75) Chrysene-d12	22.278	240	426059	20.00	ng	-0.03
86) Perylene-d12	25.974	264	374334	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.144	112	457824	144.28	ng	-0.01
7) Phenol-d6	7.696	99	595513	127.85	ng	0.00
23) Nitrobenzene-d5	9.728	82	386070	107.33	ng	-0.01
41) 2,4,6-Tribromophenol	16.626	330	312805	162.99	ng	-0.02
44) 2-Fluorobiphenyl	13.771	172	939320	90.16	ng	-0.02
78) Terphenyl-d14	20.475	244	1659444	99.36	ng	-0.02

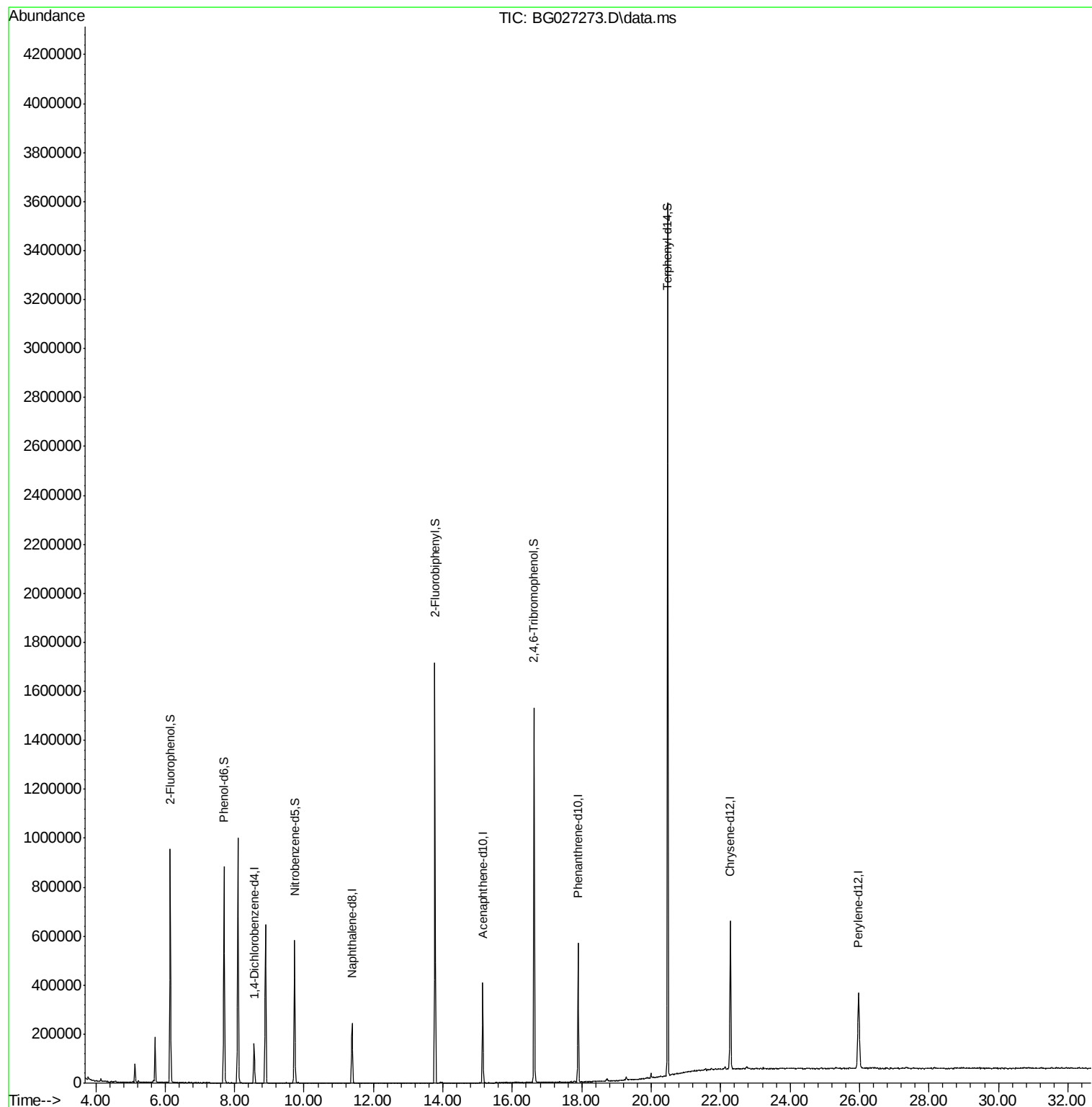
Target Compounds Qvalue

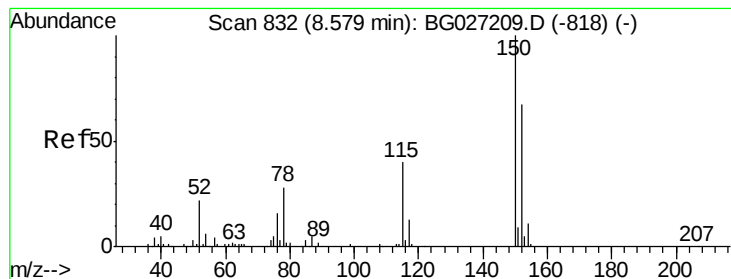
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.565 min Scan# 83

Delta R.T. -0.014 min

Lab File: BG027273.D

Acq: 7 Jun 2017 8:11

Instrument :

BNA_G

ClientSampleId :

SU-RO-6704-060217

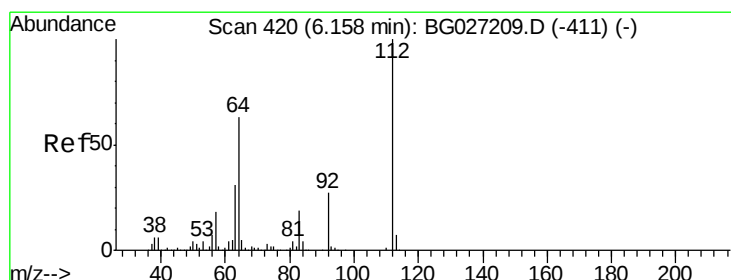
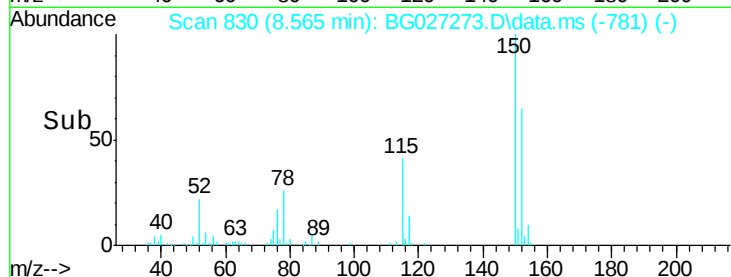
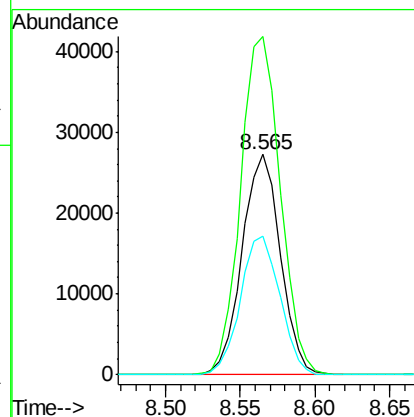
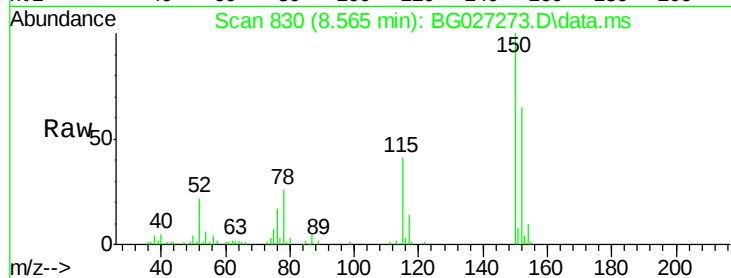
Tot Ion:152 Resp: 48420

Ion Ratio Lower Upper

152 100

150 153.6 114.0 171.0

115 62.8 48.1 72.1



#5

2-Fluorophenol

Concen: 144.28 ng

RT: 6.144 min Scan# 418

Delta R.T. -0.014 min

Lab File: BG027273.D

Acq: 7 Jun 2017 8:11

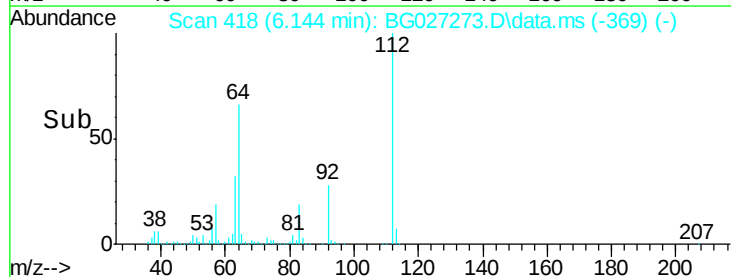
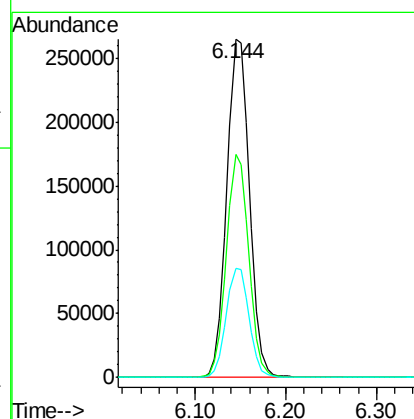
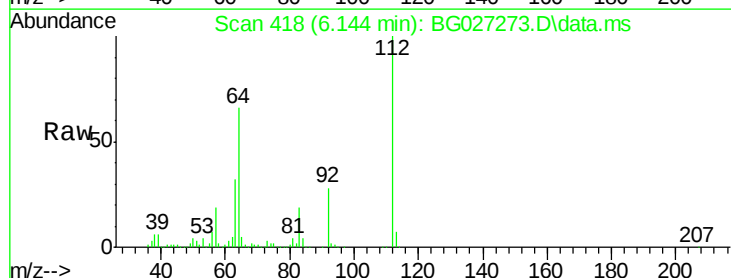
Tgt Ion:112 Resp: 457824

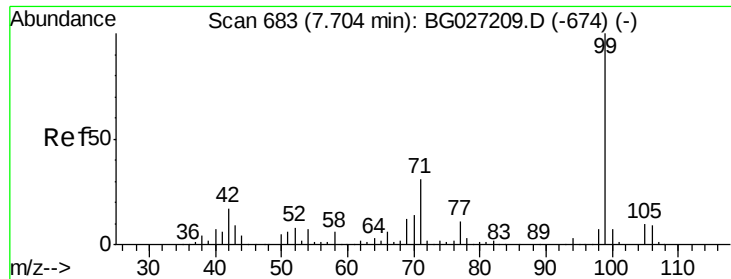
Ion Ratio Lower Upper

112 100

64 65.9 61.8 92.6

63 32.2 37.2 55.8#





#7

Phenol-d6

Concen: 127.85 ng

RT: 7.696 min Scan# 68

Delta R.T. -0.008 min

Lab File: BG027273.D

Acq: 7 Jun 2017 8:11

Instrument :

BNA_G

ClientSampleId :

SU-RO-6704-060217

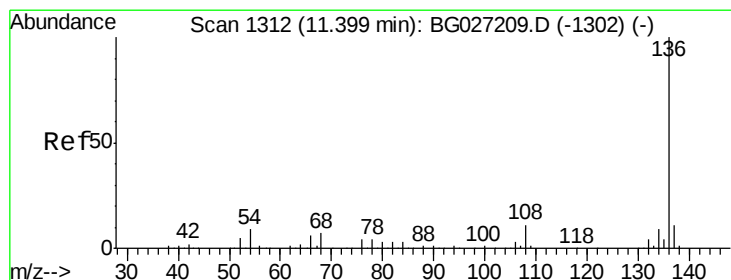
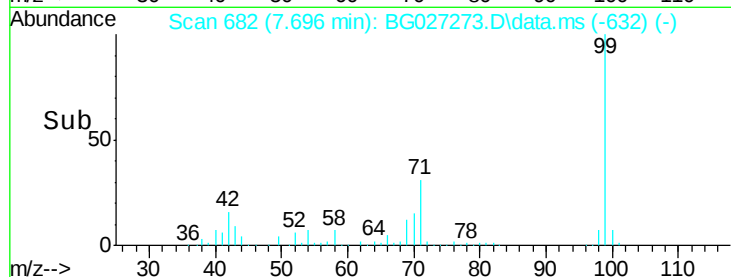
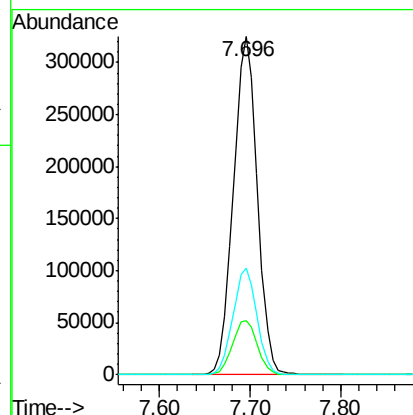
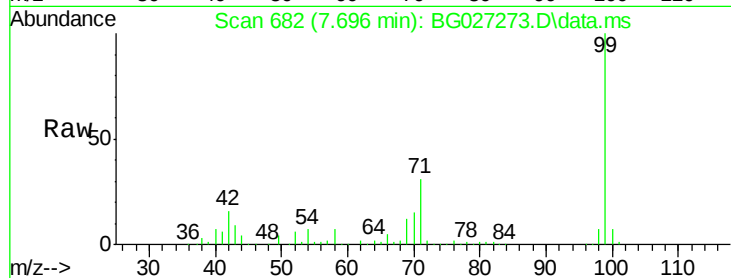
Tot Ion: 99 Resp: 595513

Ion Ratio Lower Upper

99 100

42 16.0 20.5 30.7#

71 31.4 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.385 min Scan# 1310

Delta R.T. -0.014 min

Lab File: BG027273.D

Acq: 7 Jun 2017 8:11

Tgt Ion: 136 Resp: 226207

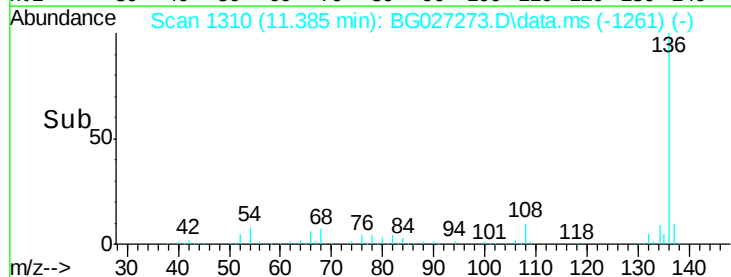
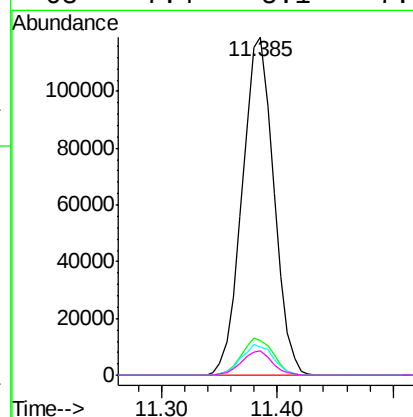
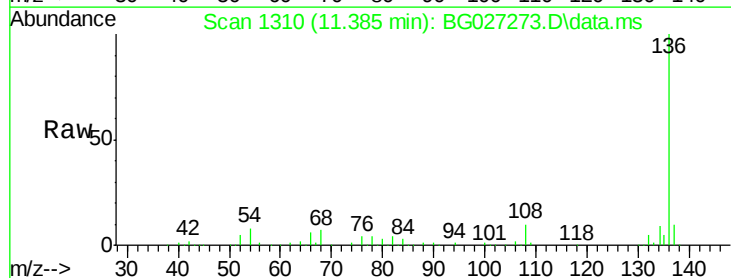
Ion Ratio Lower Upper

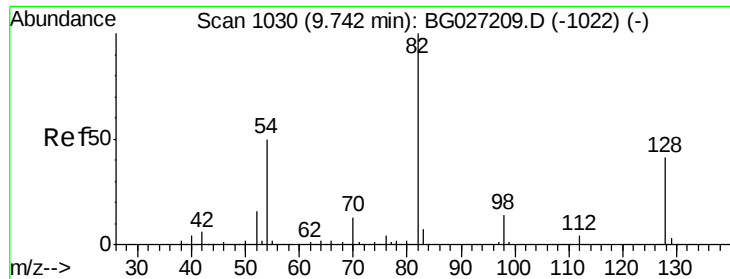
136 100

137 10.2 8.9 13.3

54 8.4 9.3 13.9#

68 7.4 5.1 7.7

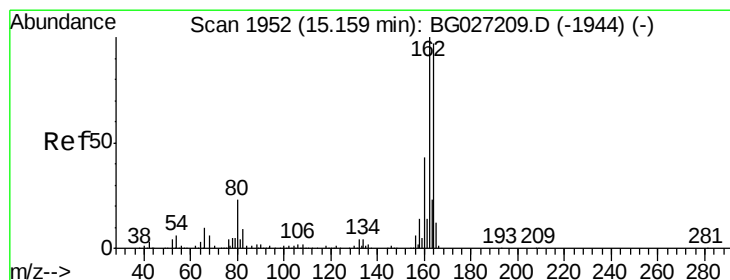
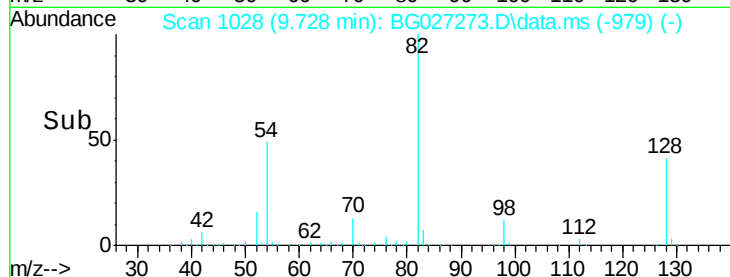
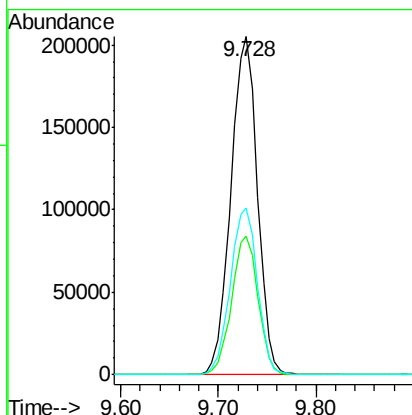
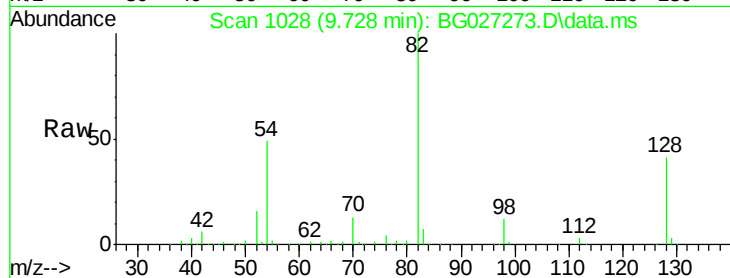




#23
 Nitrobenzene-d5
 Concen: 107.33 ng
 RT: 9.728 min Scan# 10
 Delta R.T. -0.014 min
 Lab File: BG027273.D
 Acq: 7 Jun 2017 8:11

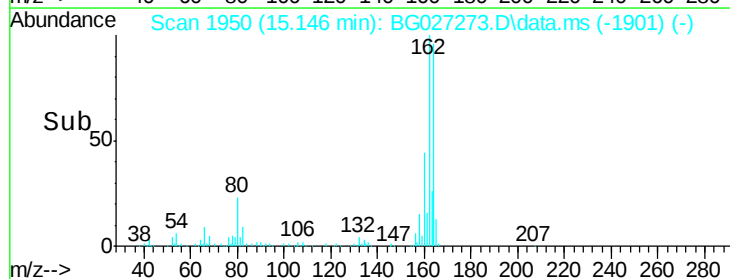
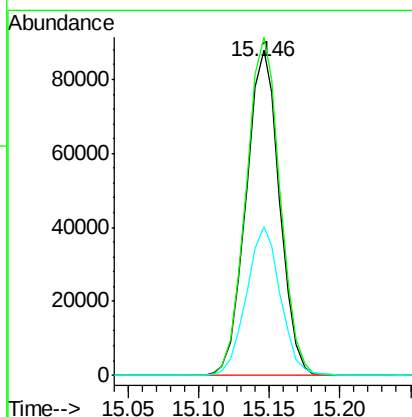
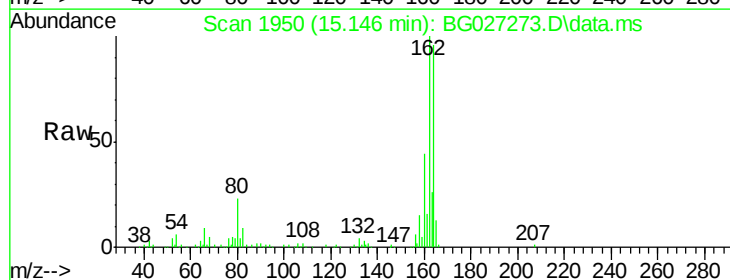
Instrument :
 BNA_G
 ClientSampleId :
 SU-RO-6704-060217

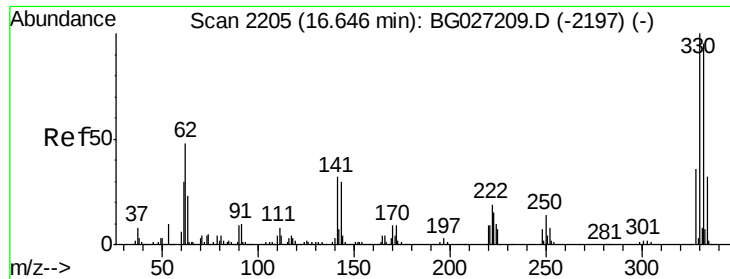
Tot Ion	82	Resp	386070
Ion Ratio	100	Lower	Upper
128	41.0	26.4	39.6#
54	49.4	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.146 min Scan# 1950
 Delta R.T. -0.014 min
 Lab File: BG027273.D
 Acq: 7 Jun 2017 8:11

Tgt Ion	164	Resp	145746
Ion Ratio	100	Lower	Upper
162	103.9	85.1	127.7
160	45.8	34.7	52.1

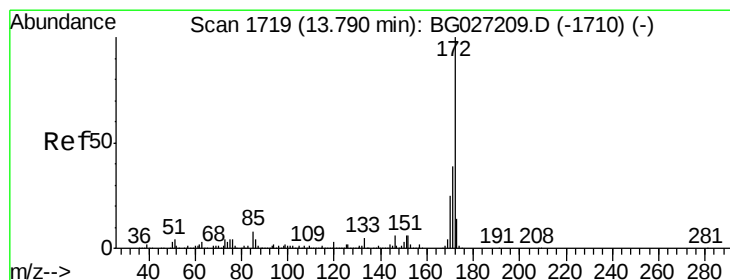
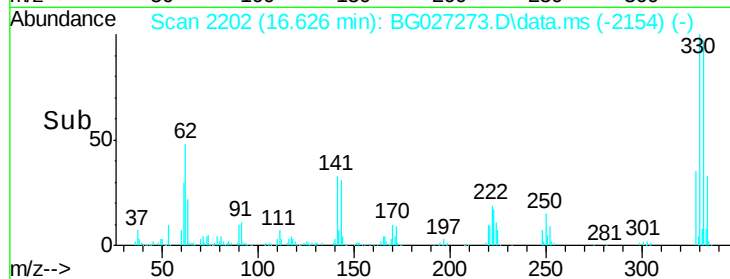
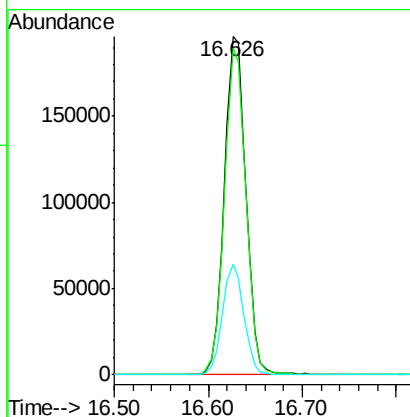
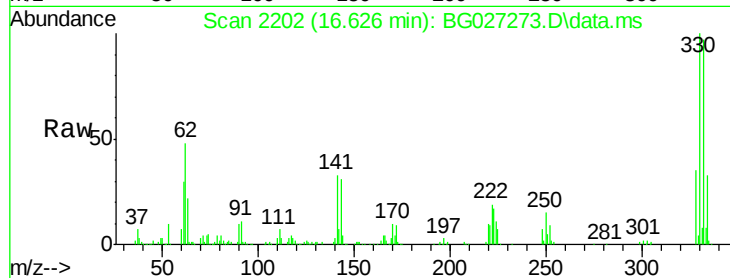




#41
 2,4,6-Tribromophenol
 Concen: 162.99 ng
 RT: 16.626 min Scan# 22
 Delta R.T. -0.020 min
 Lab File: BG027273.D
 Acq: 7 Jun 2017 8:11

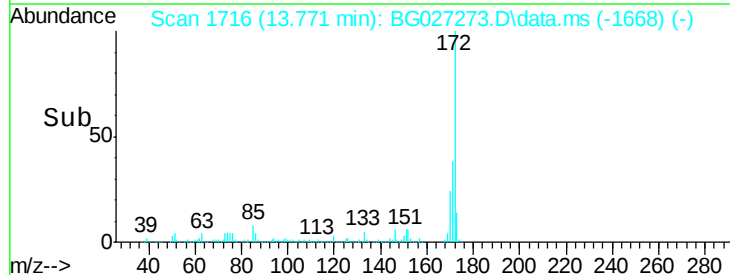
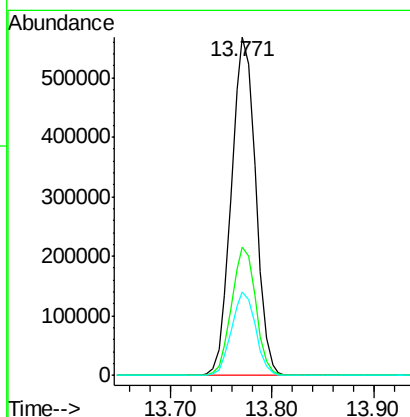
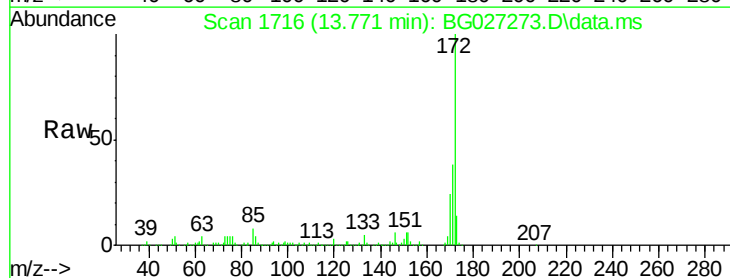
Instrument :
 BNA_G
 ClientSampleId :
 SU-RO-6704-060217

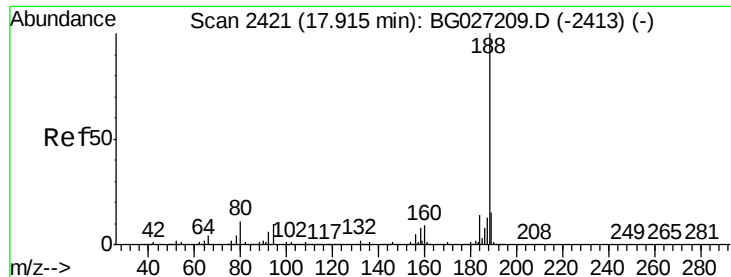
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.3	115.9
141	32.3	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 90.16 ng
 RT: 13.771 min Scan# 1716
 Delta R.T. -0.020 min
 Lab File: BG027273.D
 Acq: 7 Jun 2017 8:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	32.2	48.2
170	24.5	21.8	32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.895 min Scan# 24

Delta R.T. -0.020 min

Lab File: BG027273.D

Acq: 7 Jun 2017 8:11

Instrument :

BNA_G

ClientSampleId :

SU-RO-6704-060217

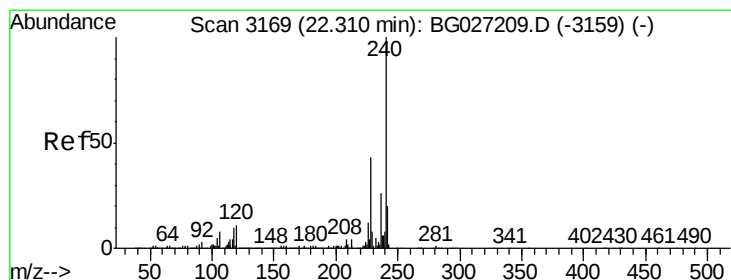
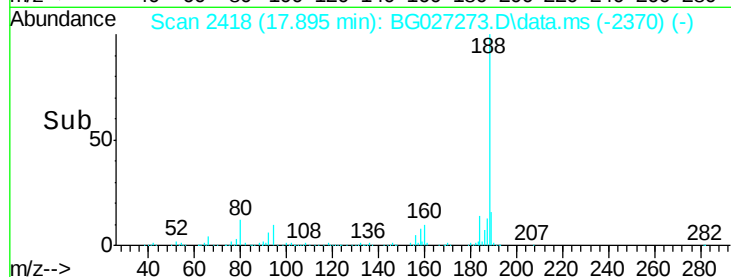
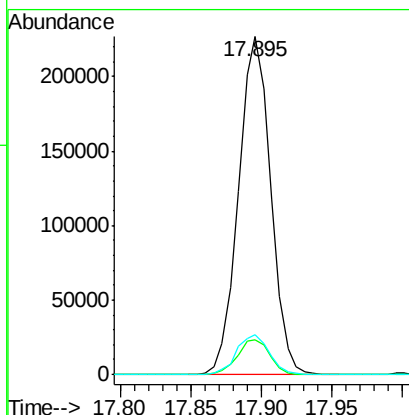
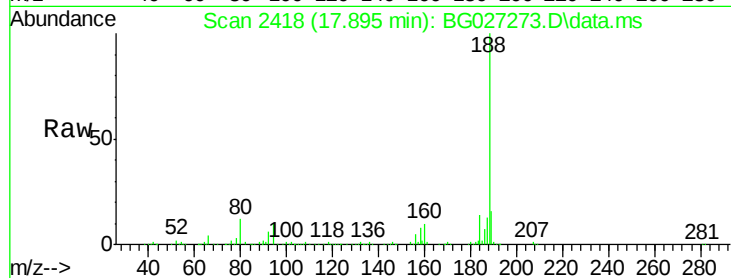
Tot Ion:188 Resp: 361437

Ion Ratio Lower Upper

188 100

94 10.4 5.8 8.8#

80 11.6 7.5 11.3#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.278 min Scan# 3164

Delta R.T. -0.031 min

Lab File: BG027273.D

Acq: 7 Jun 2017 8:11

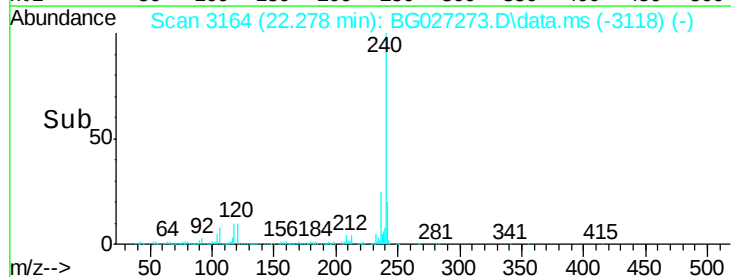
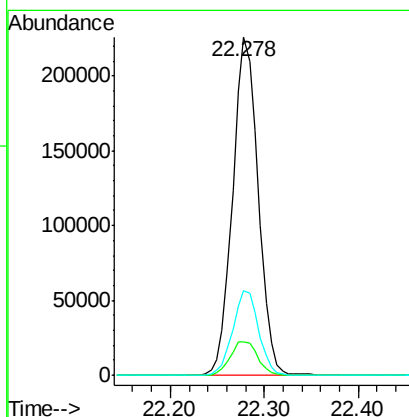
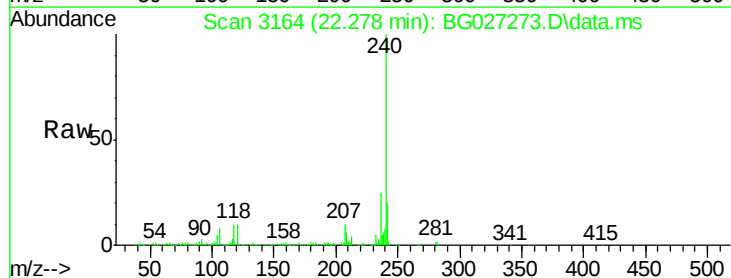
Tgt Ion:240 Resp: 426059

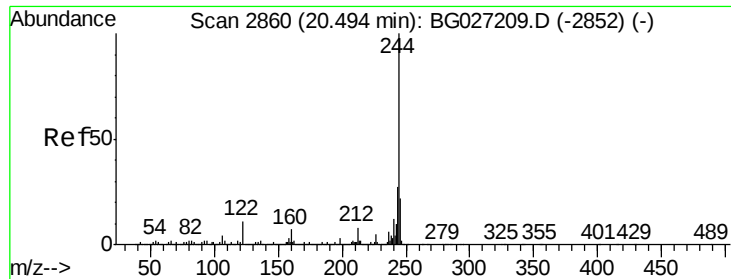
Ion Ratio Lower Upper

240 100

120 9.9 5.7 8.5#

236 25.1 22.2 33.4





#78

Terphenyl-d14

Concen: 99.36 ng

RT: 20.475 min Scan# 28

Delta R.T. -0.020 min

Lab File: BG027273.D

Acq: 7 Jun 2017 8:11

Instrument :

BNA_G

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SU-RO-6704-060217

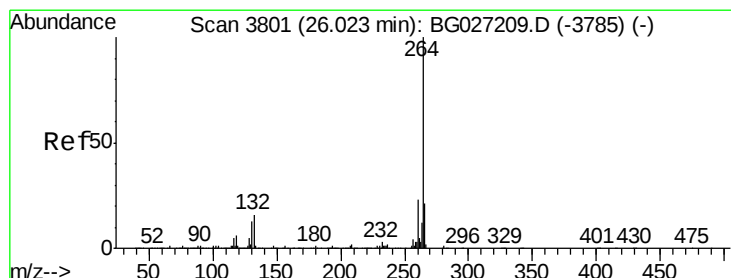
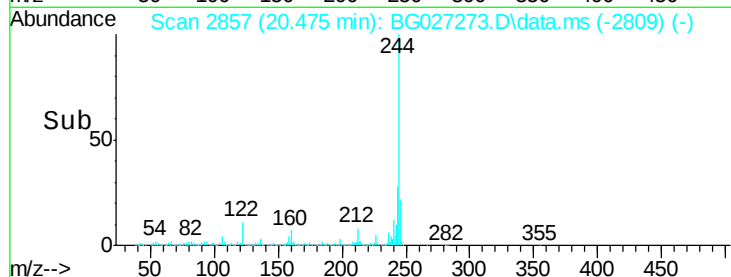
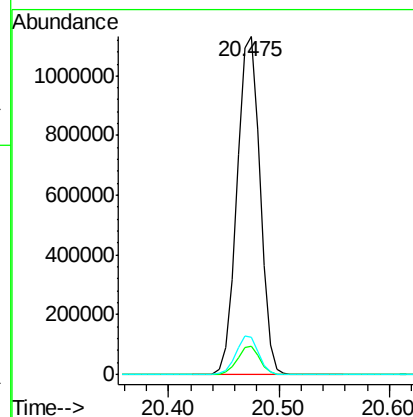
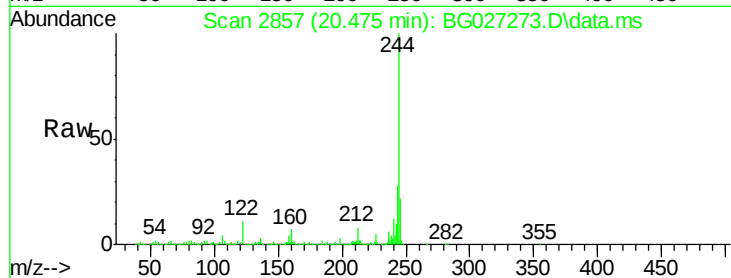
Tot Ion:244 Resp: 1659444

Ion Ratio Lower Upper

244 100

212 8.2 10.0 15.0#

122 11.1 8.6 12.8



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.974 min Scan# 3793

Delta R.T. -0.049 min

Lab File: BG027273.D

Acq: 7 Jun 2017 8:11

Tgt Ion:264 Resp: 374334

Ion Ratio Lower Upper

264 100

260 24.9 21.8 32.8

265 22.1 18.2 27.4

