

Data Path : Z:\HPCHEM1\BNA G\Data\BG060617\
 Data File : BG027276.D
 Acq On : 7 Jun 2017 10:09
 Operator : SJ/MA
 Sample : I3478-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 07 12:13:33 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

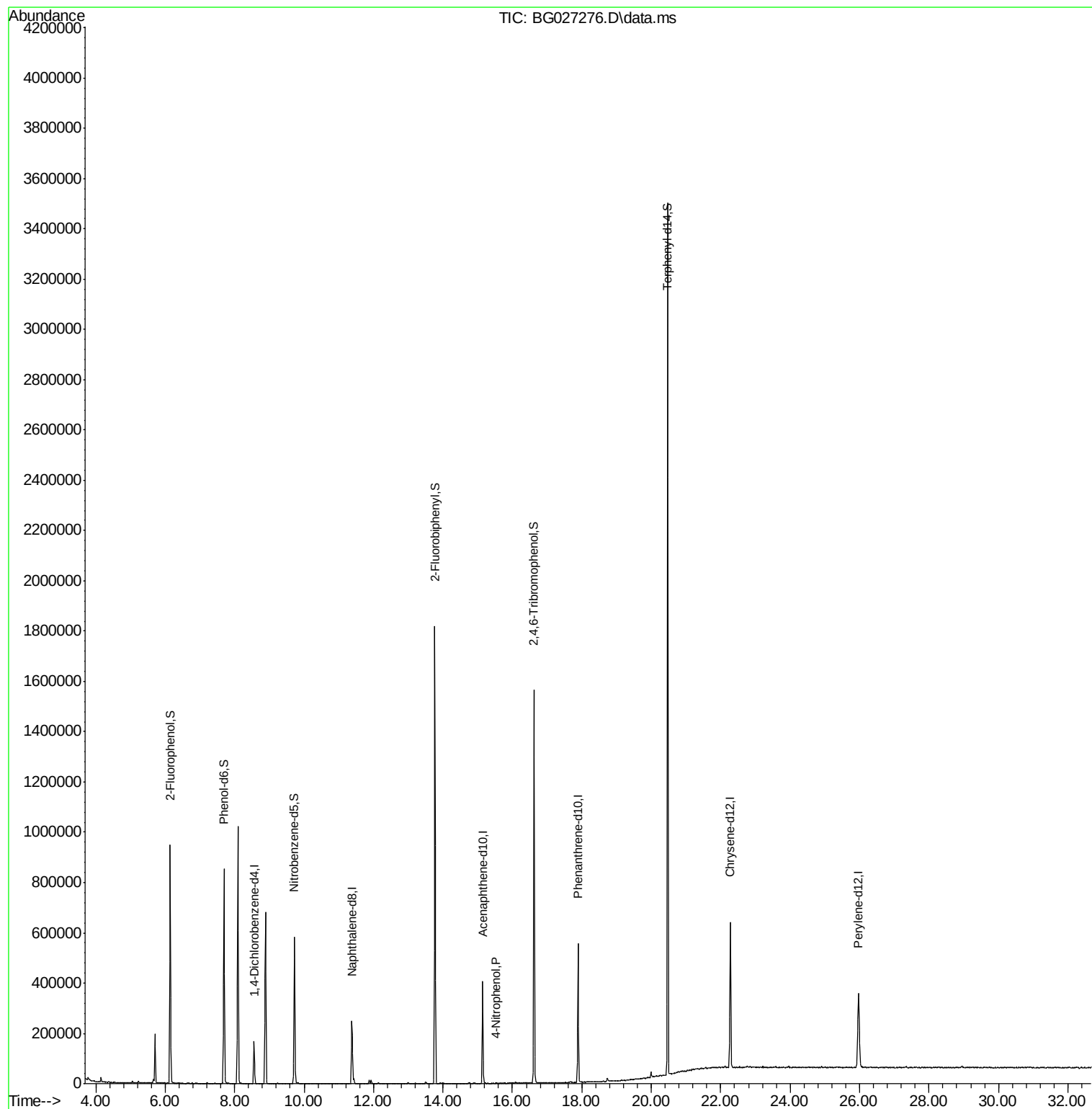
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.564	152	49021	20.00	ng	-0.01
21) Naphthalene-d8	11.379	136	228934	20.00	ng	-0.02
38) Acenaphthene-d10	15.145	164	145750	20.00	ng	-0.01
63) Phenanthrene-d10	17.895	188	356384	20.00	ng	-0.02
75) Chrysene-d12	22.278	240	399752	20.00	ng	-0.03
86) Perylene-d12	25.973	264	369966	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.144	112	452608	140.89	ng	-0.01
7) Phenol-d6	7.695	99	565074	119.83	ng	0.00
23) Nitrobenzene-d5	9.722	82	394856	108.47	ng	-0.02
41) 2,4,6-Tribromophenol	16.625	330	311392	162.24	ng	-0.02
44) 2-Fluorobiphenyl	13.770	172	981681	94.23	ng	-0.02
78) Terphenyl-d14	20.474	244	1596538	101.88	ng	-0.02
Target Compounds						
55) 4-Nitrophenol	15.539	139	396	6.29	ng	Qvalue # 1

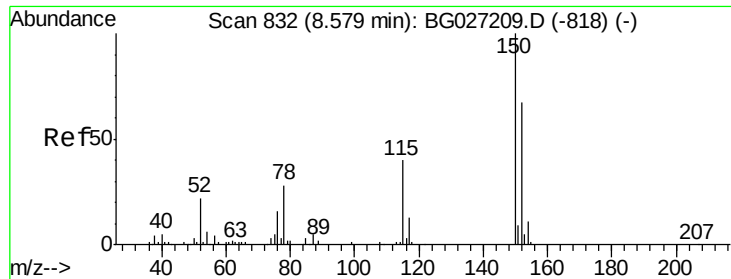
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.564 min Scan# 83

Delta R.T. -0.015 min

Lab File: BG027276.D

Acq: 7 Jun 2017 10:09

Instrument :

BNA_G

ClientSampleId :

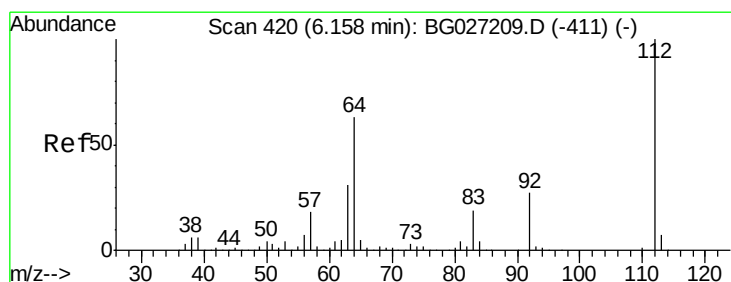
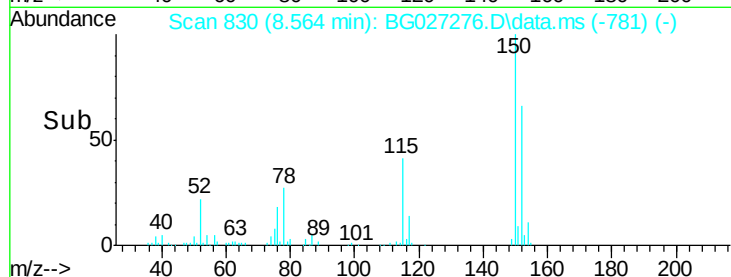
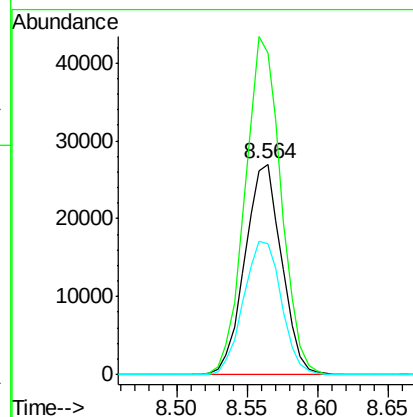
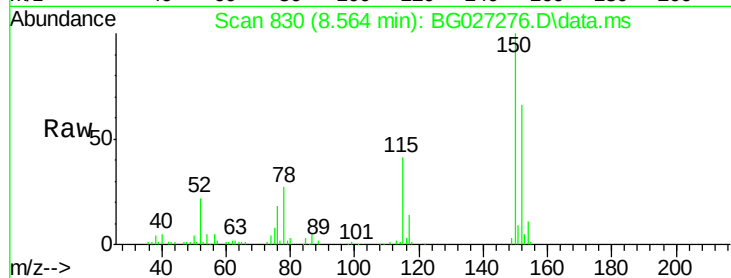
Tot Ion:152 Resp: 49021

Ion Ratio Lower Upper

152 100

150 152.6 114.0 171.0

115 62.1 48.1 72.1



#5

2-Fluorophenol

Concen: 140.89 ng

RT: 6.144 min Scan# 418

Delta R.T. -0.014 min

Lab File: BG027276.D

Acq: 7 Jun 2017 10:09

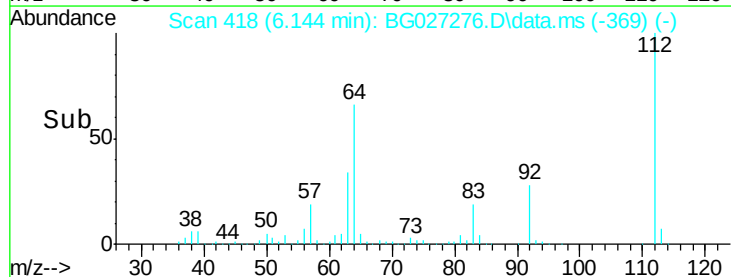
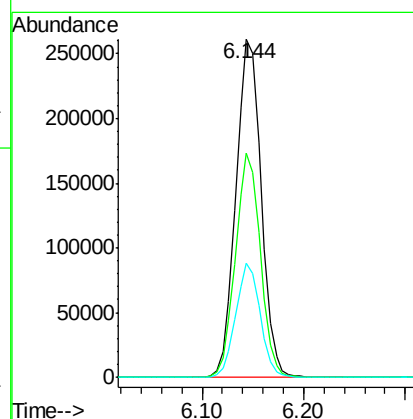
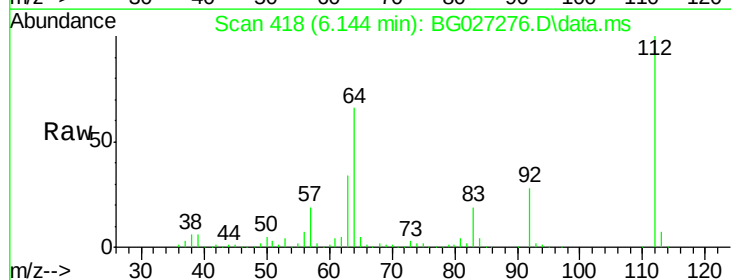
Tgt Ion:112 Resp: 452608

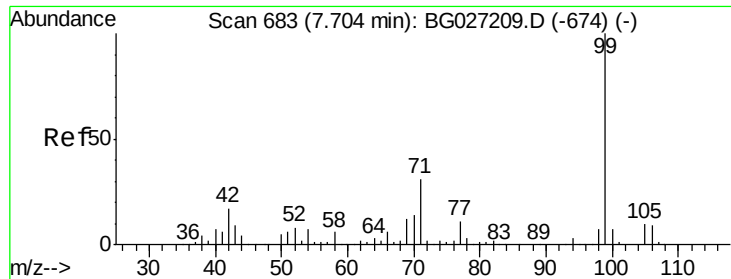
Ion Ratio Lower Upper

112 100

64 66.3 61.8 92.6

63 33.7 37.2 55.8#





#7

Phenol-d6

Concen: 119.83 ng

RT: 7.695 min Scan# 68

Delta R.T. -0.009 min

Lab File: BG027276.D

Acq: 7 Jun 2017 10:09

Instrument :

BNA_G

ClientSampled :

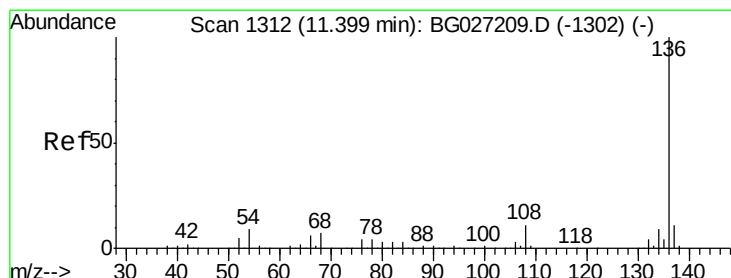
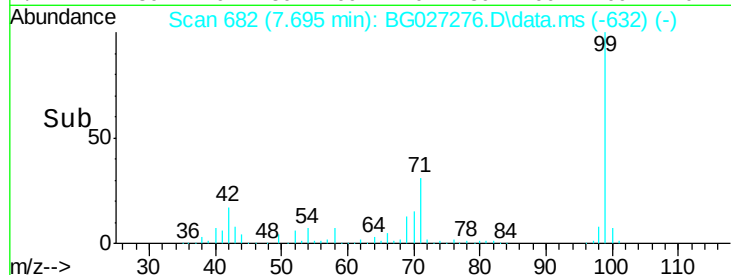
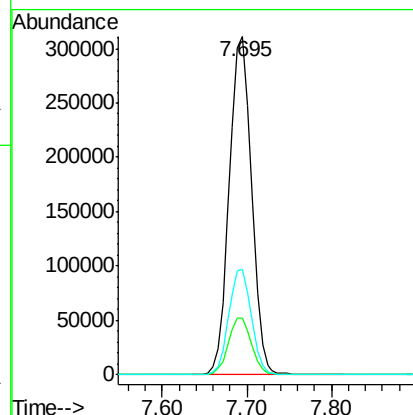
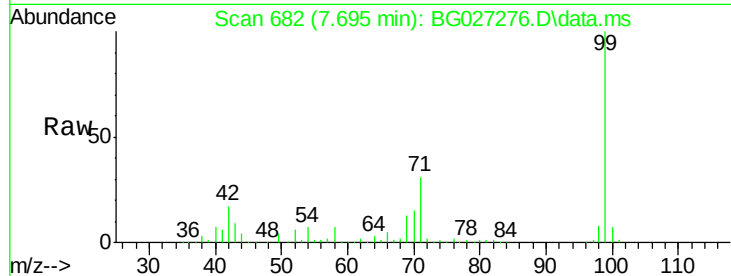
Tot Ion: 99 Resp: 565074

Ion Ratio Lower Upper

99 100

42 16.6 20.5 30.7#

71 31.0 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.379 min Scan# 1309

Delta R.T. -0.020 min

Lab File: BG027276.D

Acq: 7 Jun 2017 10:09

Tgt Ion: 136 Resp: 228934

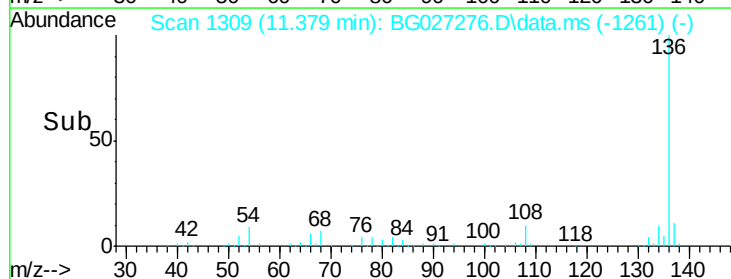
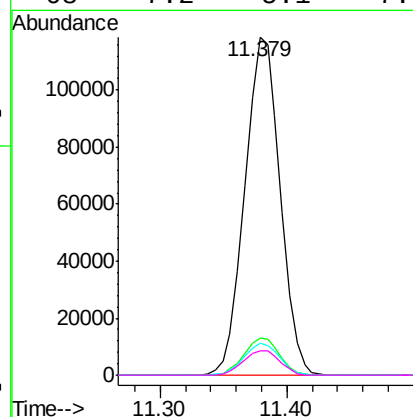
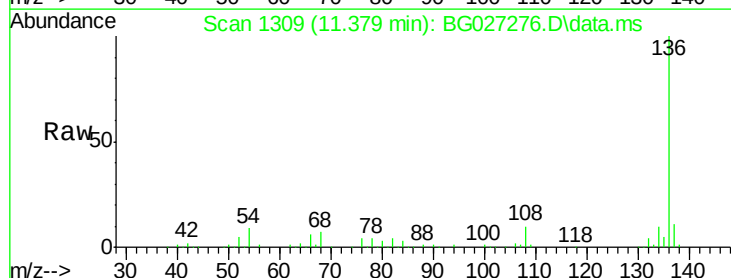
Ion Ratio Lower Upper

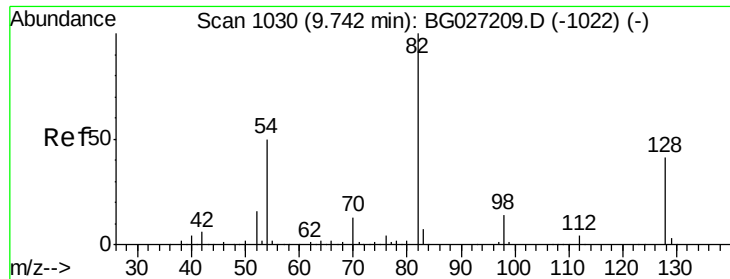
136 100

137 11.2 8.9 13.3

54 9.3 9.3 13.9

68 7.2 5.1 7.7

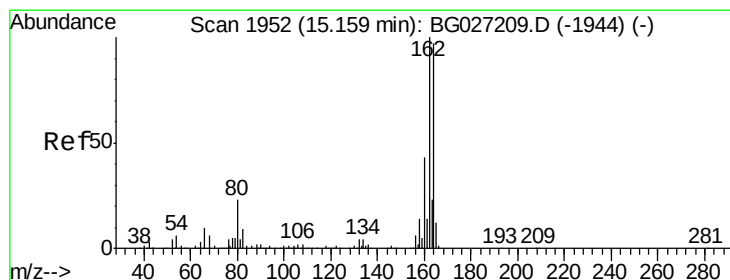
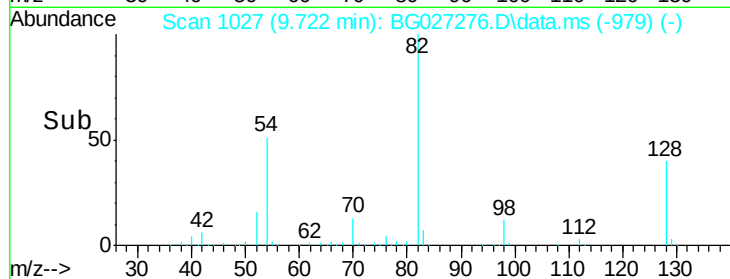
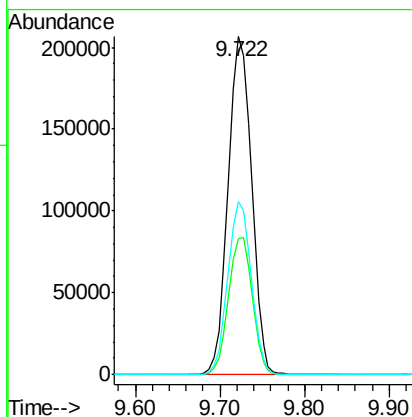
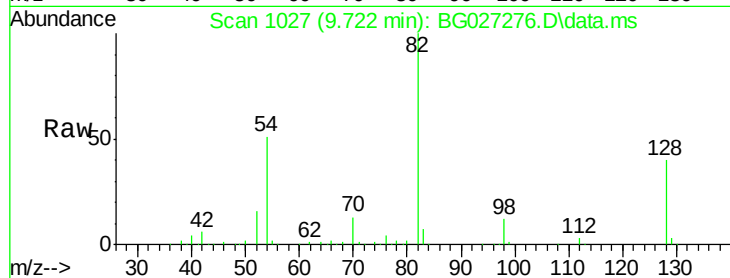




#23
 Nitrobenzene-d5
 Concen: 108.47 ng
 RT: 9.722 min Scan# 10
 Delta R.T. -0.020 min
 Lab File: BG027276.D
 Acq: 7 Jun 2017 10:09

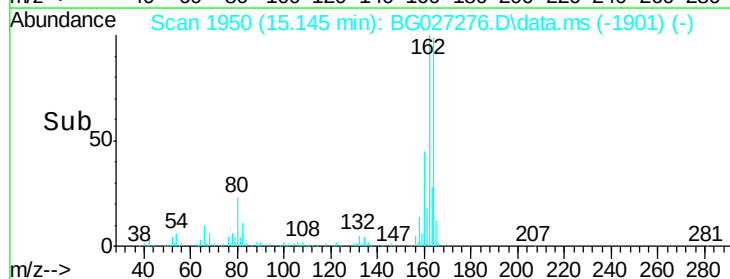
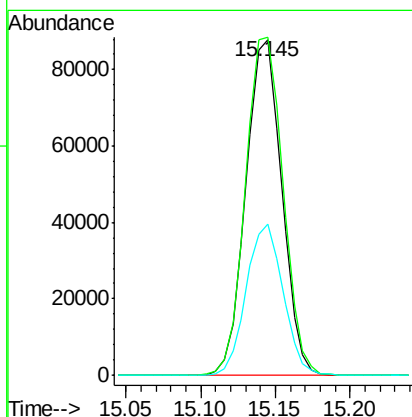
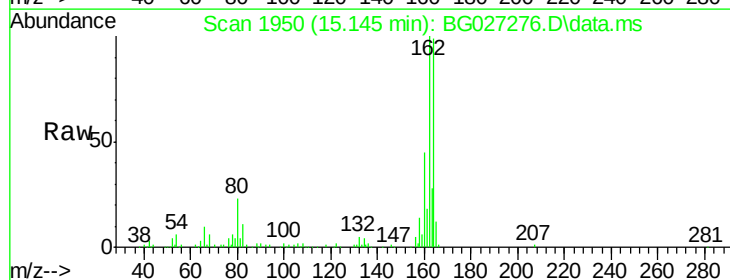
Instrument :
 BNA_G
 ClientSampled :

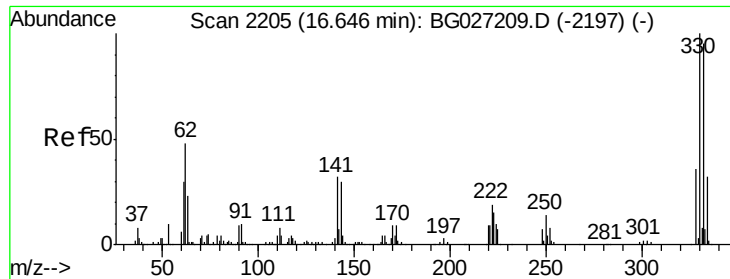
Tot Ion	82	Resp	394856
Ion Ratio	100	Lower	Upper
128	40.2	26.4	39.6#
54	51.0	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.145 min Scan# 1950
 Delta R.T. -0.015 min
 Lab File: BG027276.D
 Acq: 7 Jun 2017 10:09

Tgt Ion	164	Resp	145750
Ion Ratio	100	Lower	Upper
162	100.7	85.1	127.7
160	44.9	34.7	52.1

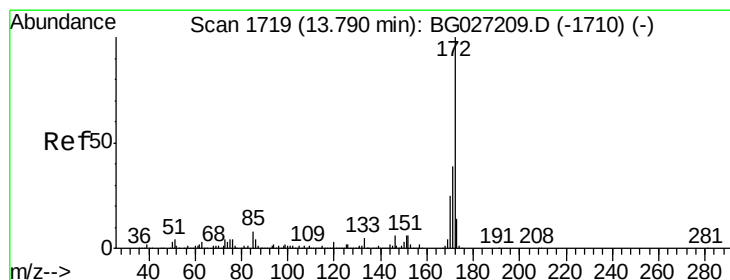
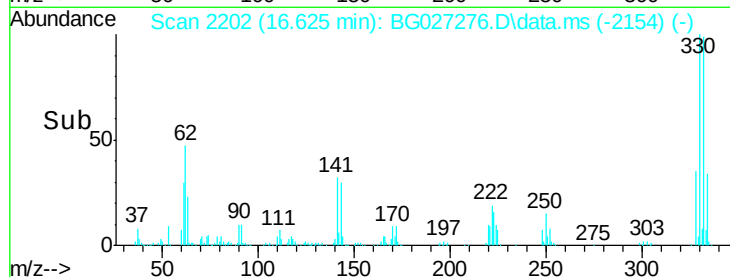
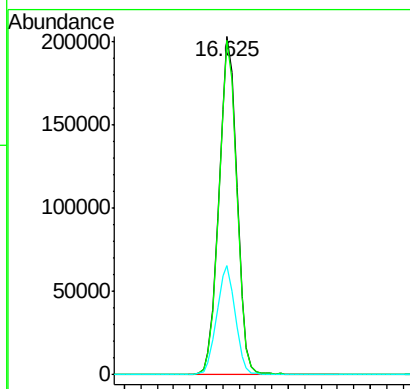
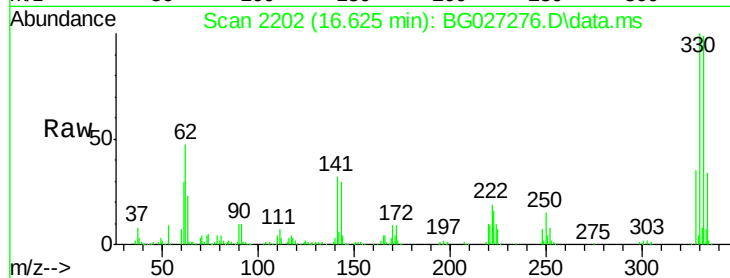




#41
 2,4,6-Tribromophenol
 Concen: 162.24 ng
 RT: 16.625 min Scan# 22
 Delta R.T. -0.020 min
 Lab File: BG027276.D
 Acq: 7 Jun 2017 10:09

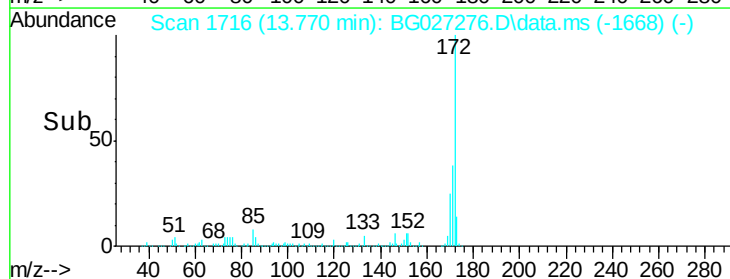
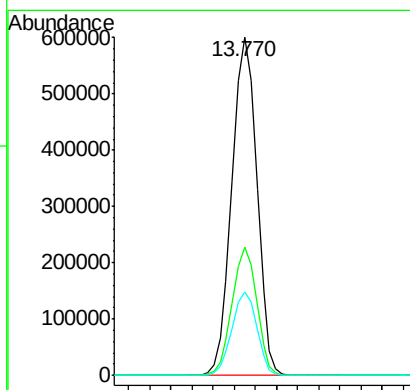
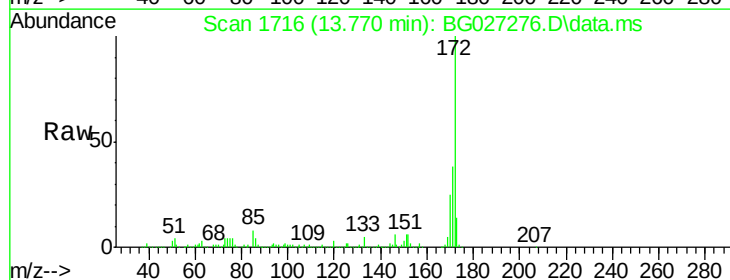
Instrument :
 BNA_G
 ClientSampleId :

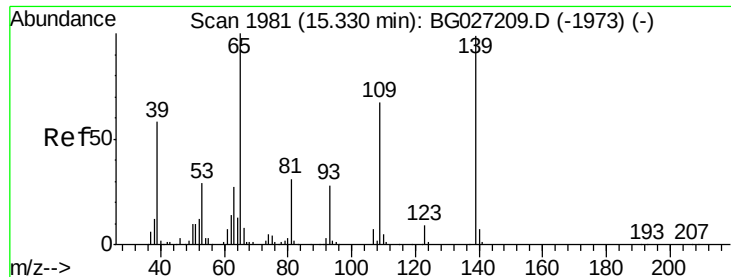
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.3	115.9
141	33.1	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 94.23 ng
 RT: 13.770 min Scan# 1716
 Delta R.T. -0.020 min
 Lab File: BG027276.D
 Acq: 7 Jun 2017 10:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	32.2	48.2
170	24.8	21.8	32.6





#55

4-Nitrophenol

Concen: 6.29 ng

RT: 15.539 min Scan# 20

Delta R.T. 0.210 min

Lab File: BG027276.D

Acq: 7 Jun 2017 10:09

Instrument :

BNA_G

ClientSampleId :

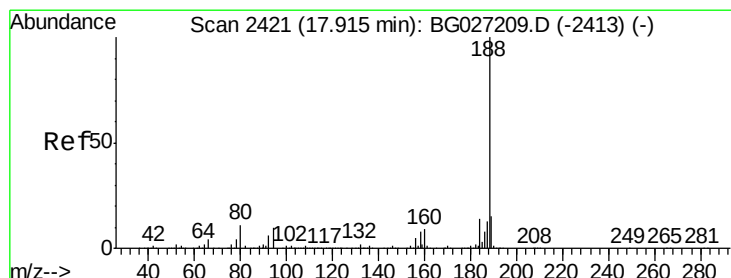
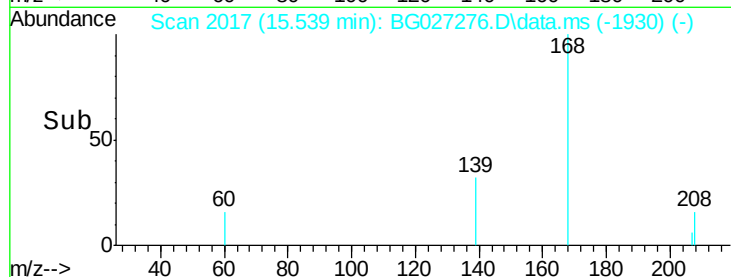
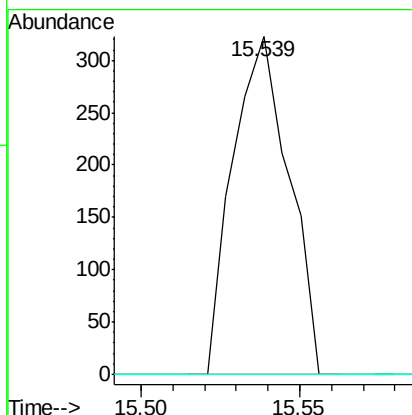
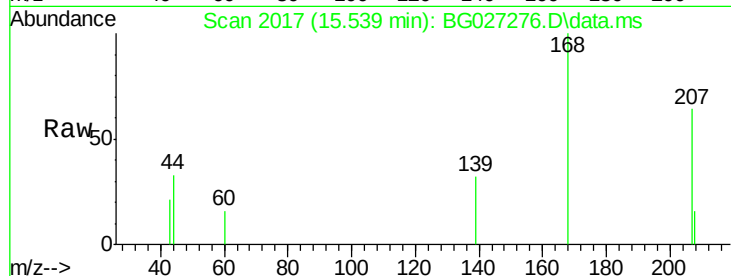
Tot Ion:139 Resp: 396

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: 17.895 min Scan# 2418

Delta R.T. -0.020 min

Lab File: BG027276.D

Acq: 7 Jun 2017 10:09

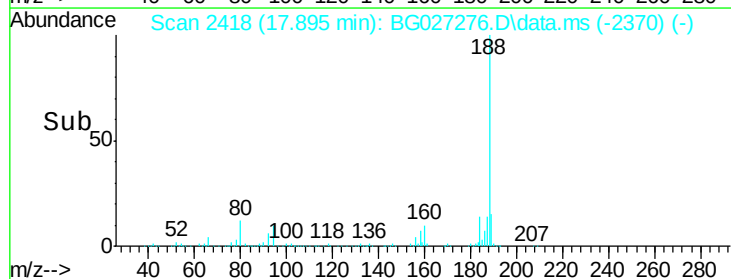
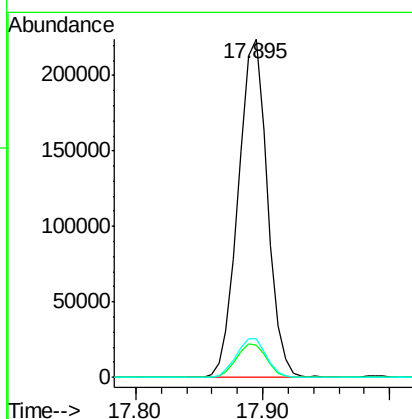
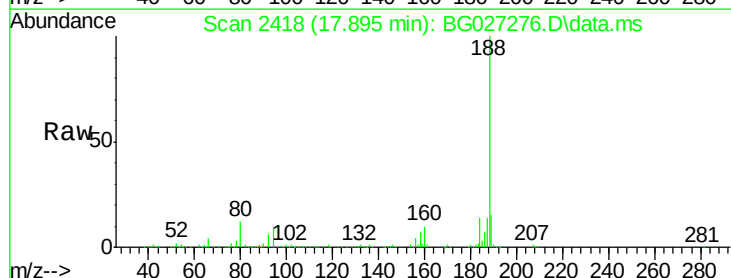
Tgt Ion:188 Resp: 356384

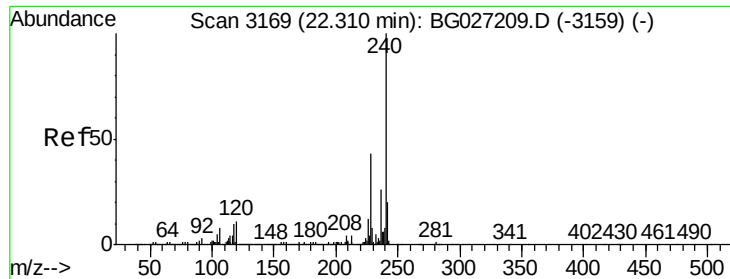
Ion Ratio Lower Upper

188 100

94 9.7 5.8 8.8#

80 11.5 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: BG027276.D

Acq: 7 Jun 2017 10:09

Instrument :

BNA_G

ClientSampleId :

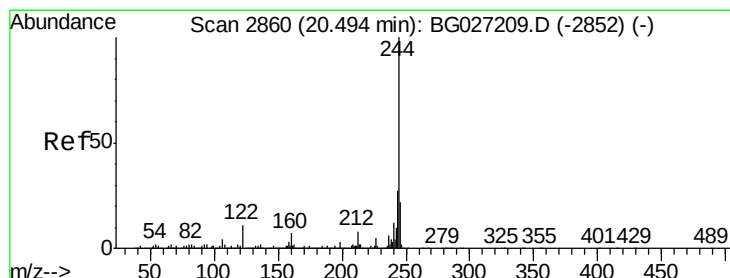
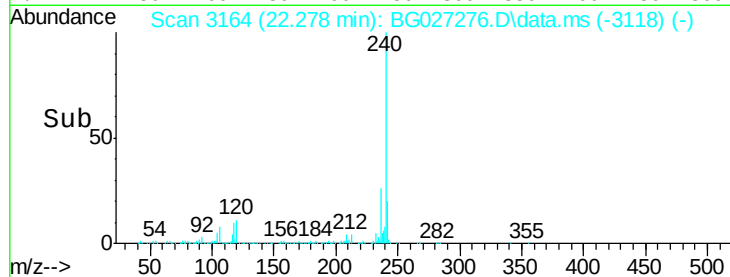
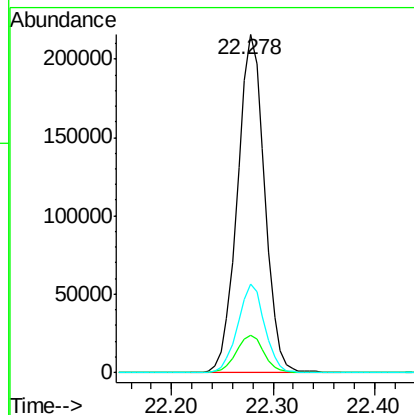
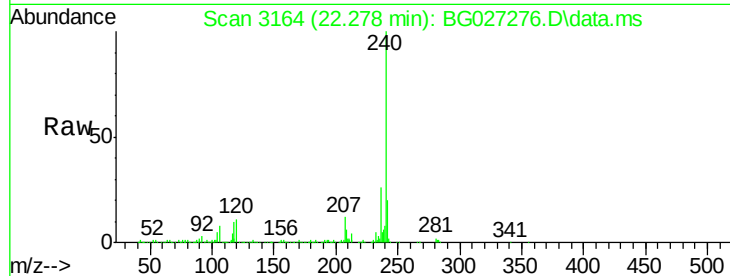
Tot Ion:240 Resp: 399752

Ion Ratio Lower Upper

240 100

120 11.1 5.7 8.5#

236 26.1 22.2 33.4



#78

Terphenyl-d14

Concen: 101.88 ng

RT: 20.474 min Scan# 2857

Delta R.T. -0.020 min

Lab File: BG027276.D

Acq: 7 Jun 2017 10:09

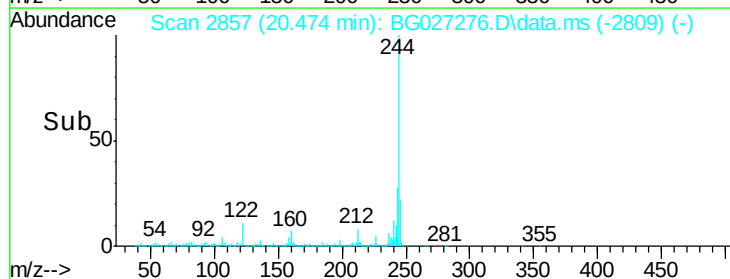
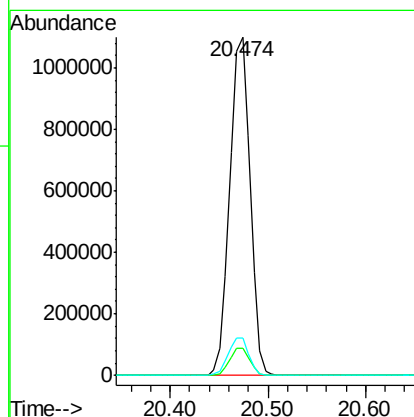
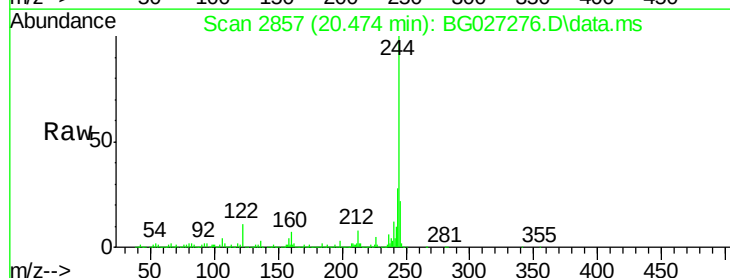
Tgt Ion:244 Resp: 1596538

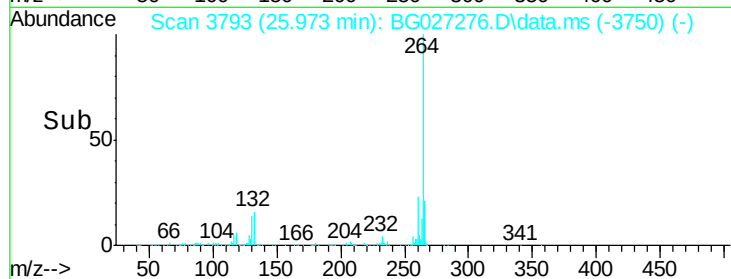
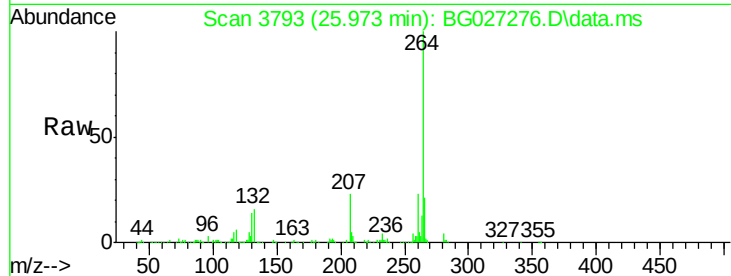
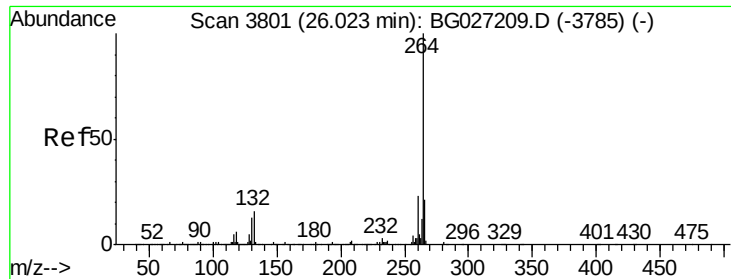
Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

122 11.1 8.6 12.8





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.973 min Scan# 37
Delta R.T. -0.050 min
Lab File: BG027276.D
Acq: 7 Jun 2017 10:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	21.8	32.8
265	21.2	18.2	27.4

