

Data Path : Z:\HPCHEM1\BNA G\Data\BG060617\
 Data File : BG027274.D
 Acq On : 7 Jun 2017 8:51
 Operator : SJ/MA
 Sample : I3478-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 146-COMP

Quant Time: Jun 07 12:12:09 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

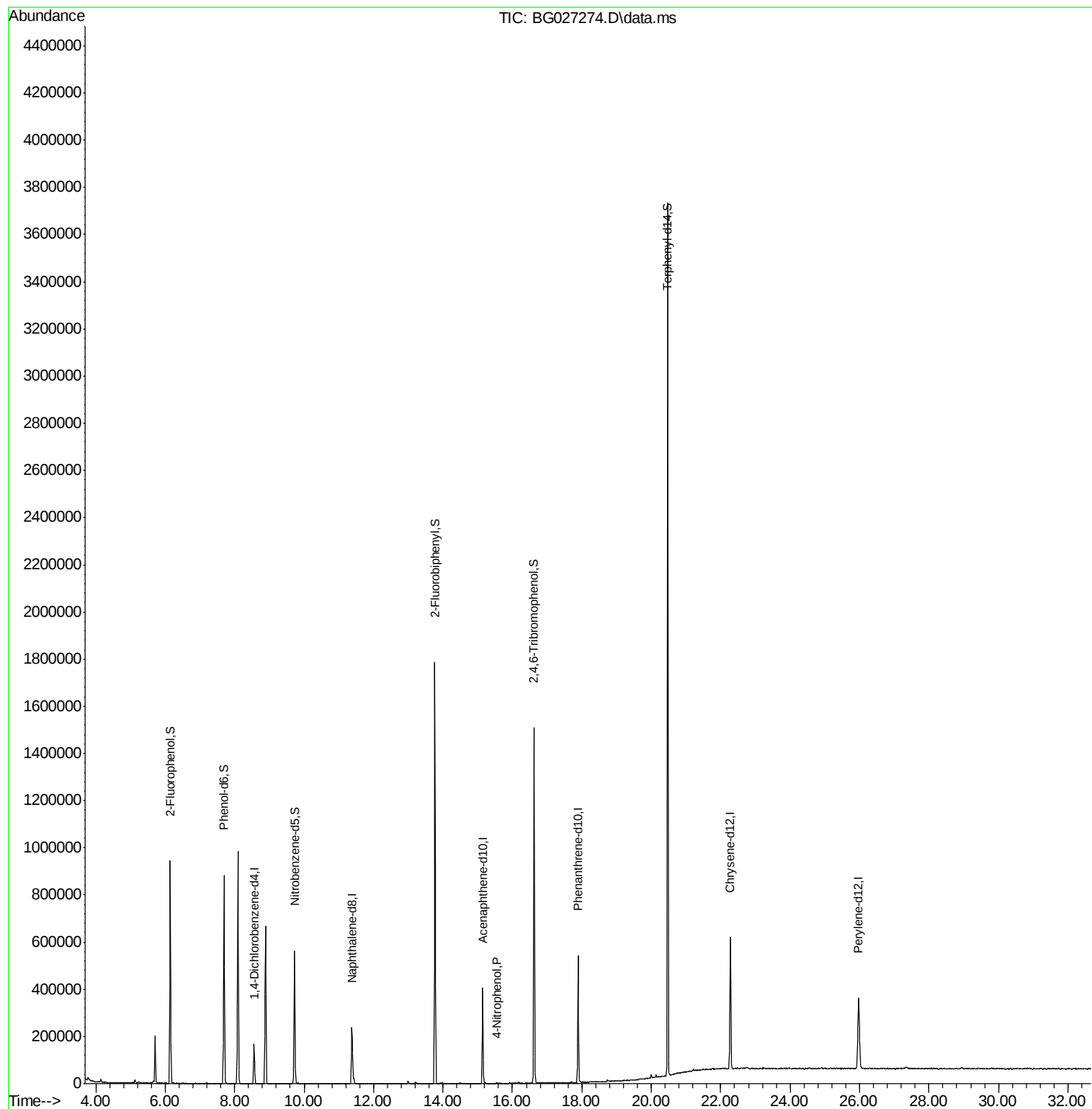
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.564	152	48180	20.00	ng	-0.02
21) Naphthalene-d8	11.378	136	221904	20.00	ng	-0.02
38) Acenaphthene-d10	15.144	164	141869	20.00	ng	-0.02
63) Phenanthrene-d10	17.894	188	345721	20.00	ng	-0.02
75) Chrysene-d12	22.277	240	400765	20.00	ng	-0.03
86) Perylene-d12	25.973	264	371621	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.143	112	454001	143.79	ng	-0.01
7) Phenol-d6	7.694	99	585502	126.33	ng	0.00
23) Nitrobenzene-d5	9.727	82	379631	107.59	ng	-0.01
41) 2,4,6-Tribromophenol	16.625	330	307260	164.47	ng	-0.02
44) 2-Fluorobiphenyl	13.769	172	957512	94.42	ng	-0.02
78) Terphenyl-d14	20.473	244	1630398	103.78	ng	-0.02
Target Compounds						
55) 4-Nitrophenol	15.544	139	788	6.47	ng	Qvalue # 1

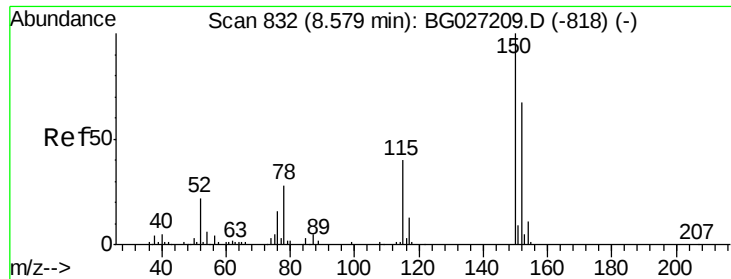
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG027274.D

Acq: 7 Jun 2017 8:51

Instrument :

BNA_G

ClientSampleId :

146-COMP

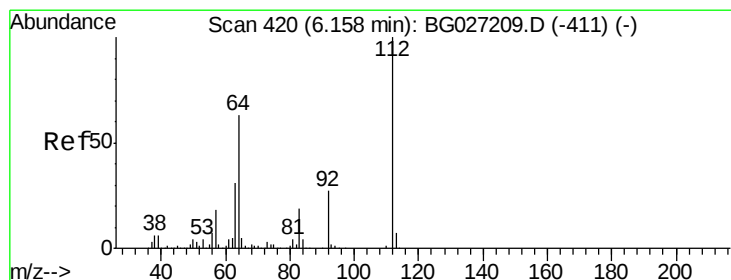
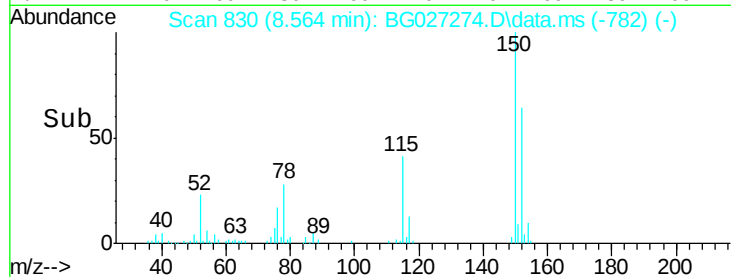
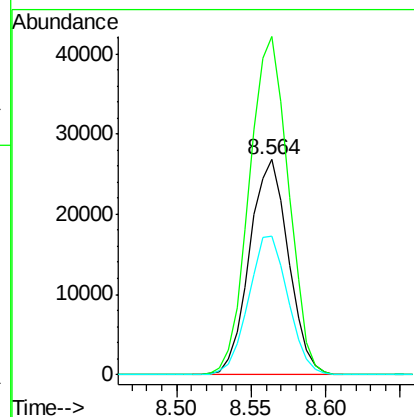
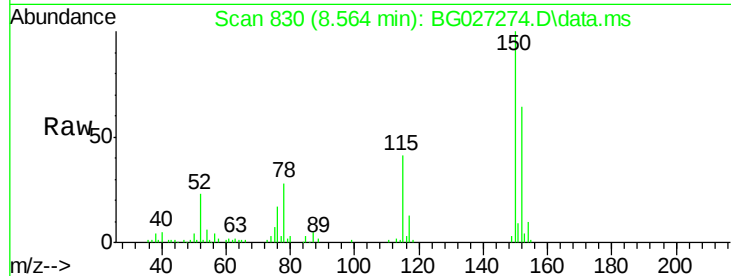
Tot Ion:152 Resp: 48180

Ion Ratio Lower Upper

152 100

150 157.3 114.0 171.0

115 64.7 48.1 72.1



#5

2-Fluorophenol

Concen: 143.79 ng

RT: 6.143 min Scan# 418

Delta R.T. -0.015 min

Lab File: BG027274.D

Acq: 7 Jun 2017 8:51

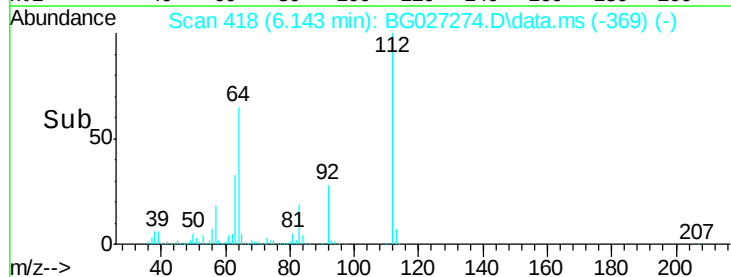
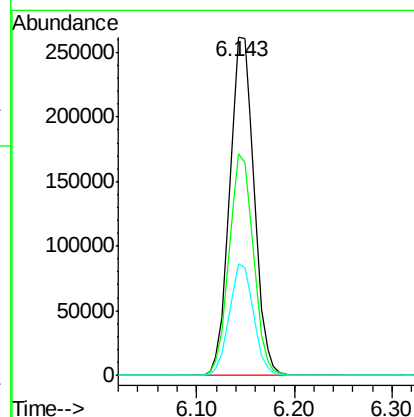
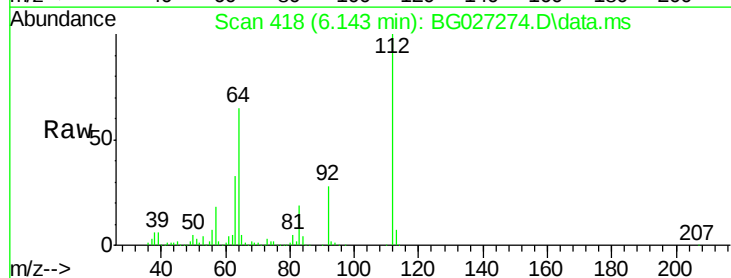
Tgt Ion:112 Resp: 454001

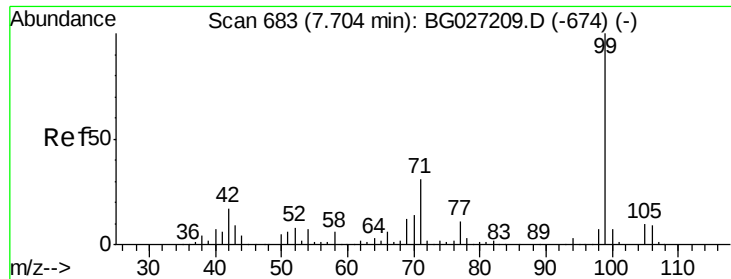
Ion Ratio Lower Upper

112 100

64 65.4 61.8 92.6

63 32.8 37.2 55.8#





#7

Phenol-d6

Concen: 126.33 ng

RT: 7.694 min Scan# 68

Delta R.T. -0.009 min

Lab File: BG027274.D

Acq: 7 Jun 2017 8:51

Instrument :

BNA_G

ClientSampleId :

146-COMP

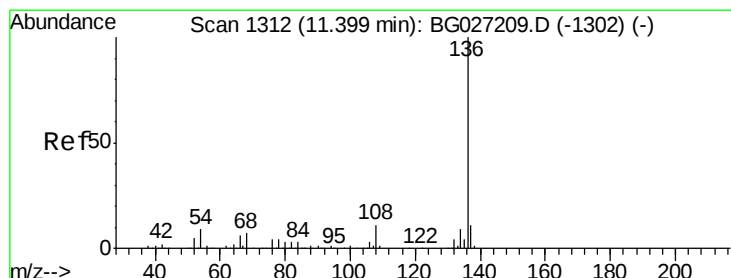
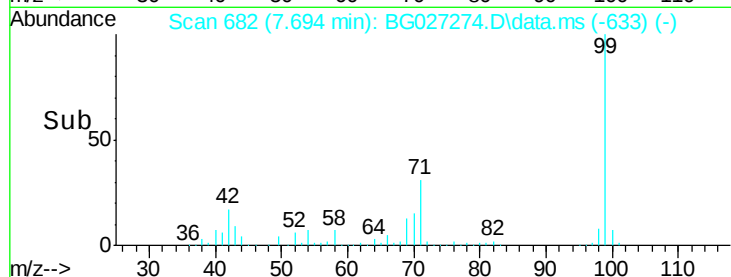
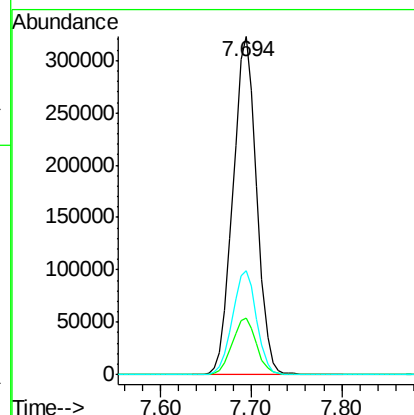
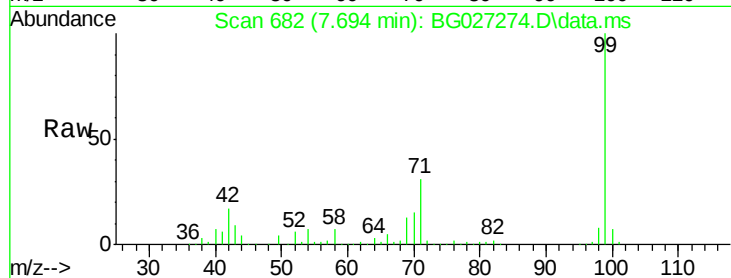
Tot Ion: 99 Resp: 585502

Ion Ratio Lower Upper

99 100

42 16.7 20.5 30.7#

71 30.9 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.378 min Scan# 1309

Delta R.T. -0.021 min

Lab File: BG027274.D

Acq: 7 Jun 2017 8:51

Tgt Ion: 136 Resp: 221904

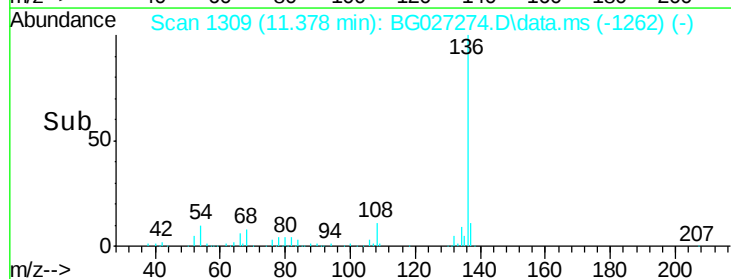
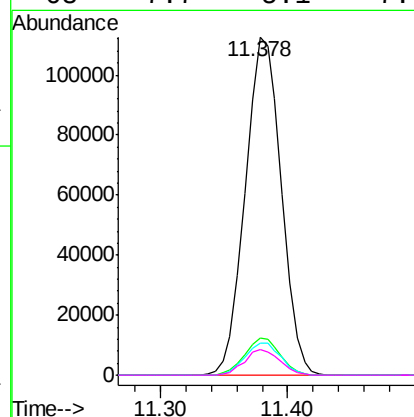
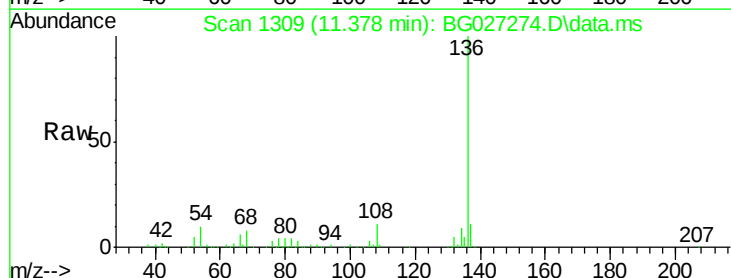
Ion Ratio Lower Upper

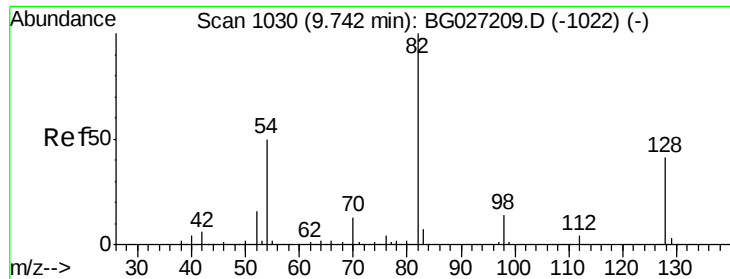
136 100

137 11.0 8.9 13.3

54 9.6 9.3 13.9

68 7.7 5.1 7.7#

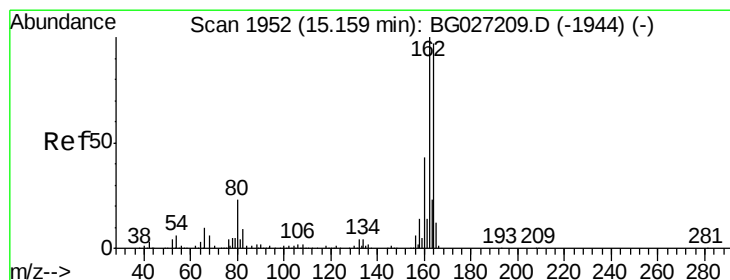
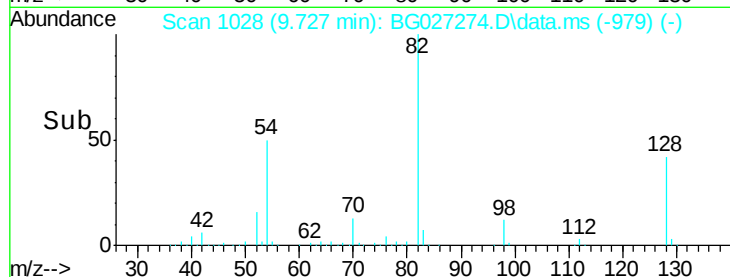
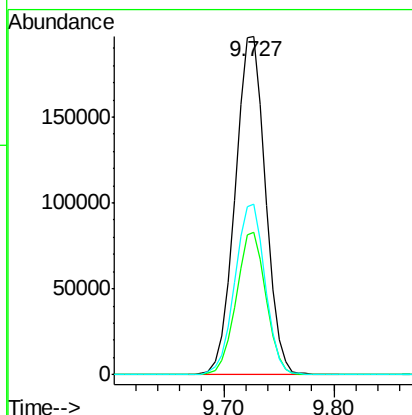
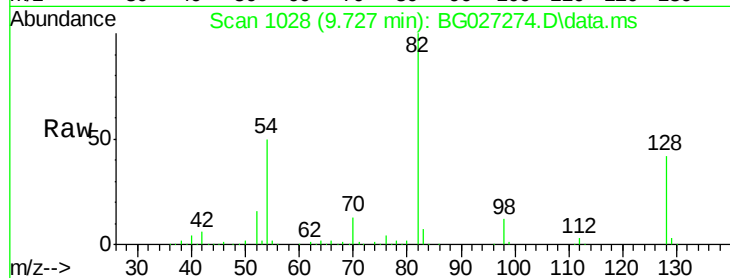




#23
 Nitrobenzene-d5
 Concen: 107.59 ng
 RT: 9.727 min Scan# 10
 Delta R.T. -0.015 min
 Lab File: BG027274.D
 Acq: 7 Jun 2017 8:51

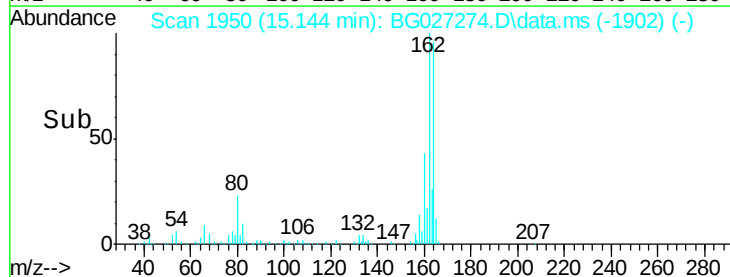
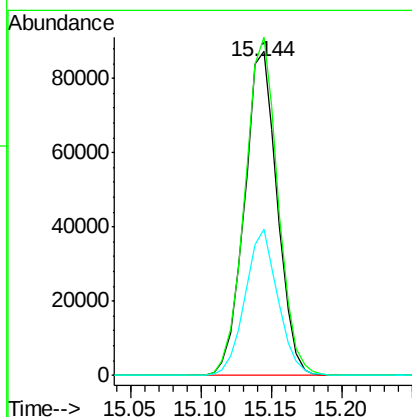
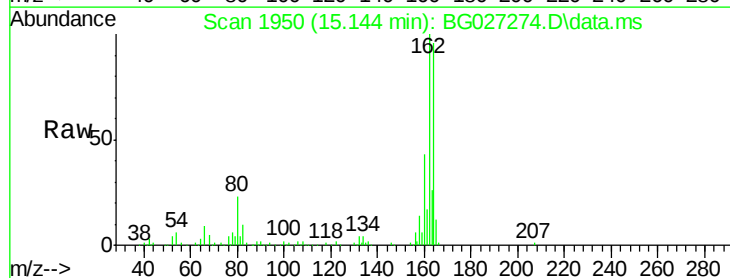
Instrument :
 BNA_G
 ClientSampleId :
 146-COMP

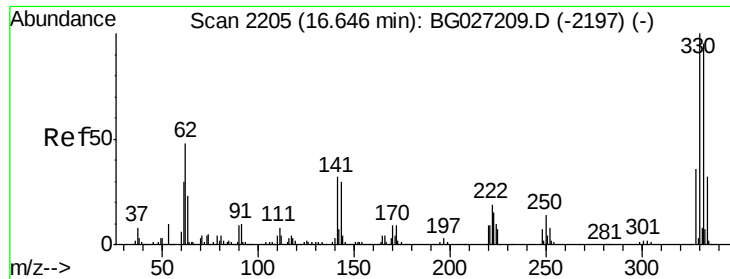
Tot Ion	82	Resp	379631
Ion Ratio	100	Lower	Upper
128	42.1	26.4	39.6#
54	50.4	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.144 min Scan# 1950
 Delta R.T. -0.015 min
 Lab File: BG027274.D
 Acq: 7 Jun 2017 8:51

Tgt Ion	164	Resp	141869
Ion Ratio	100	Lower	Upper
162	104.4	85.1	127.7
160	45.2	34.7	52.1

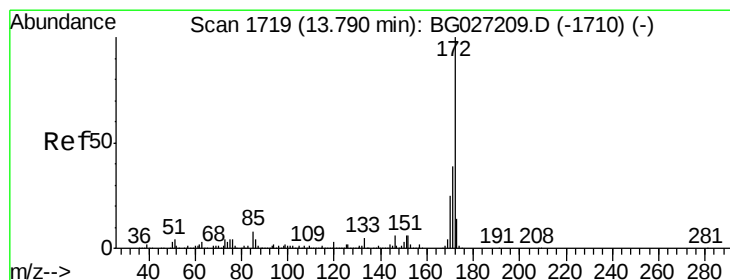
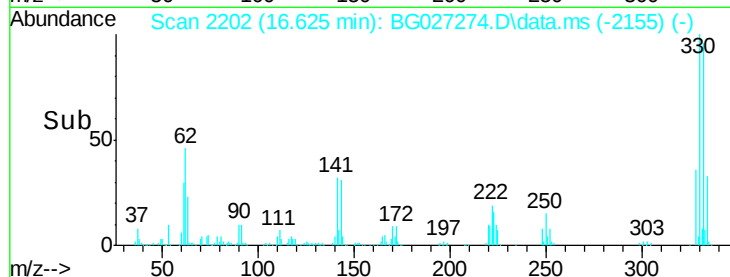
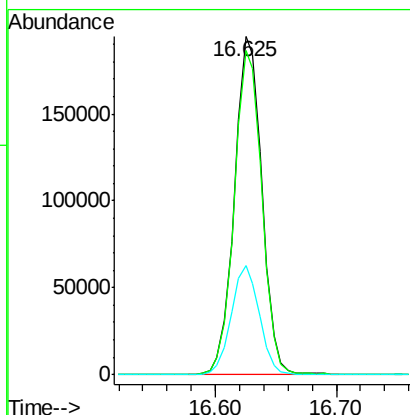
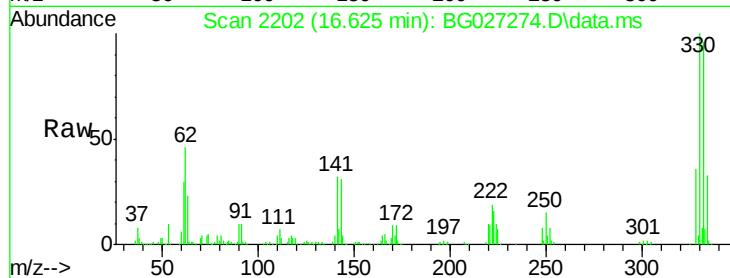




#41
 2,4,6-Tribromophenol
 Concen: 164.47 ng
 RT: 16.625 min Scan# 22
 Delta R.T. -0.021 min
 Lab File: BG027274.D
 Acq: 7 Jun 2017 8:51

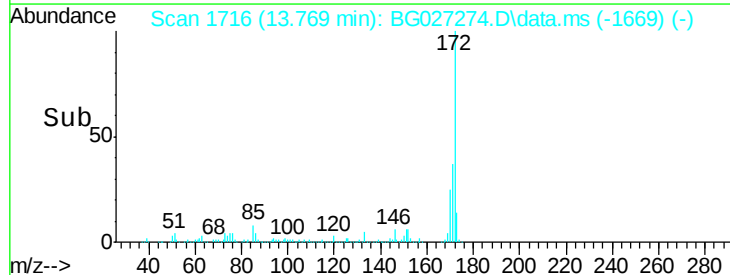
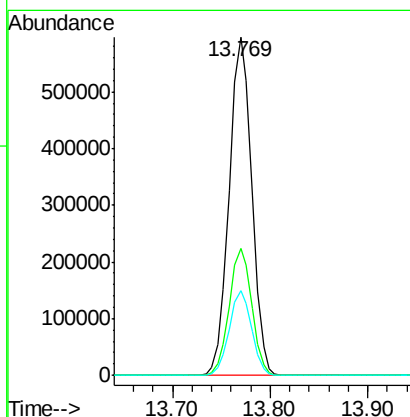
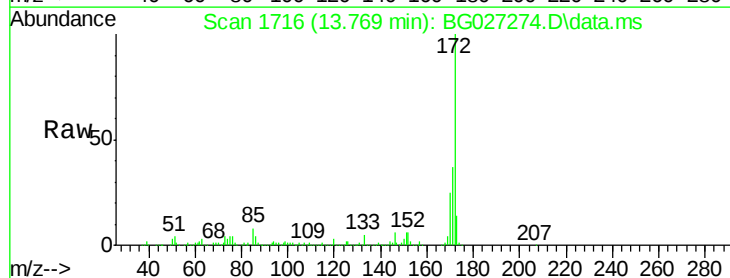
Instrument :
 BNA_G
 ClientSampleId :
 146-COMP

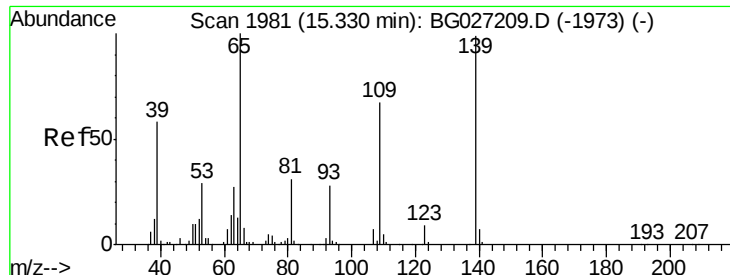
Tot Ion:330 Resp: 307260
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.3 115.9
 141 33.0 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 94.42 ng
 RT: 13.769 min Scan# 1716
 Delta R.T. -0.021 min
 Lab File: BG027274.D
 Acq: 7 Jun 2017 8:51

Tgt Ion:172 Resp: 957512
 Ion Ratio Lower Upper
 172 100
 171 37.4 32.2 48.2
 170 25.1 21.8 32.6





#55

4-Nitrophenol

Concen: 6.47 ng

RT: 15.544 min Scan# 20

Delta R.T. 0.215 min

Lab File: BG027274.D

Acq: 7 Jun 2017 8:51

Instrument :

BNA_G

ClientSampleId :

146-COMP

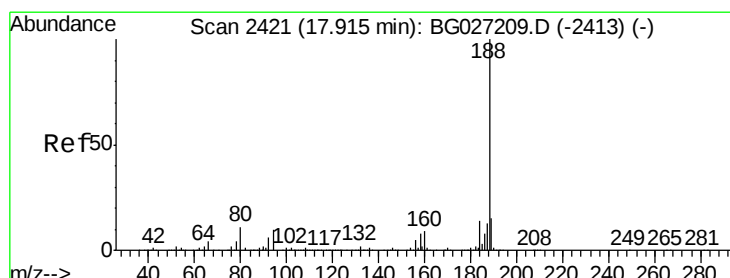
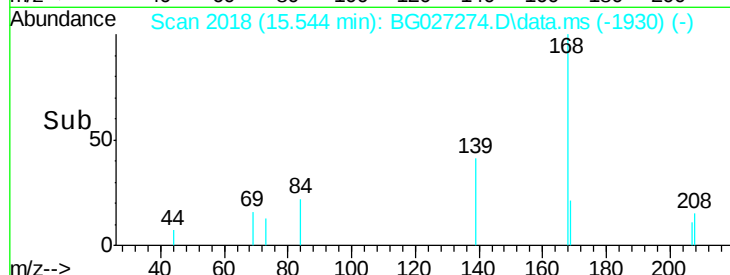
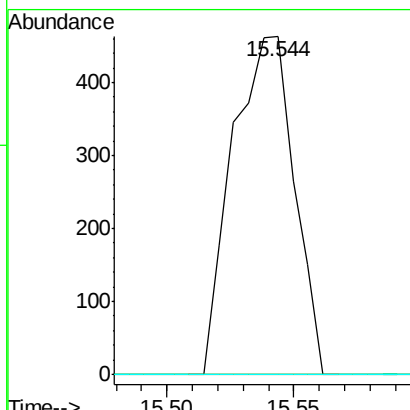
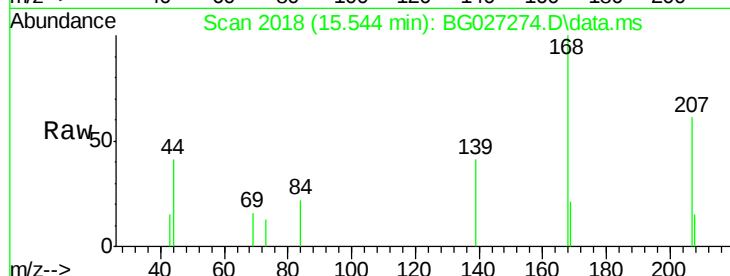
Tot Ion:139 Resp: 788

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: 17.894 min Scan# 2418

Delta R.T. -0.021 min

Lab File: BG027274.D

Acq: 7 Jun 2017 8:51

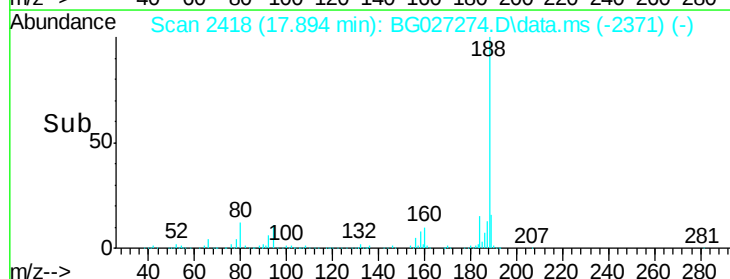
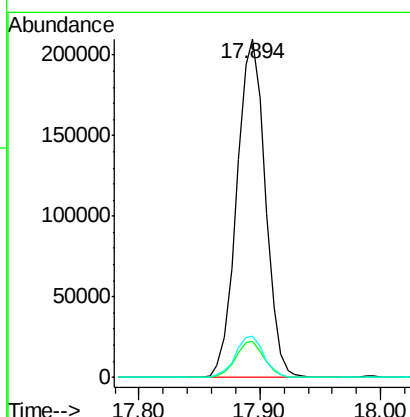
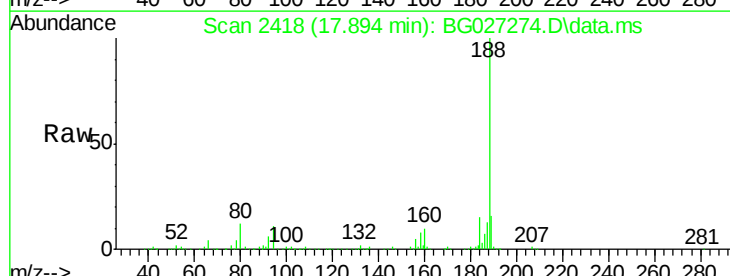
Tgt Ion:188 Resp: 345721

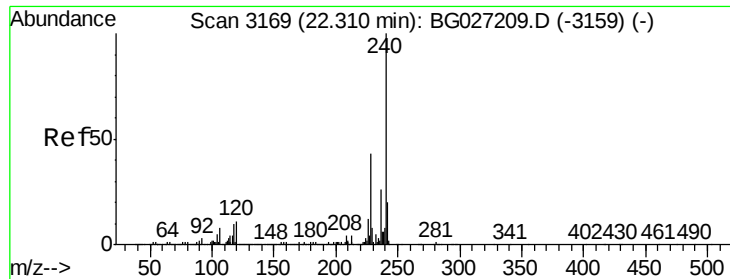
Ion Ratio Lower Upper

188 100

94 10.7 5.8 8.8#

80 12.2 7.5 11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.277 min Scan# 31

Delta R.T. -0.033 min

Lab File: BG027274.D

Acq: 7 Jun 2017 8:51

Instrument :

BNA_G

ClientSampleId :

146-COMP

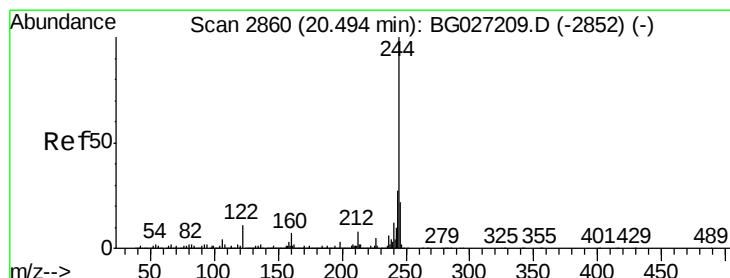
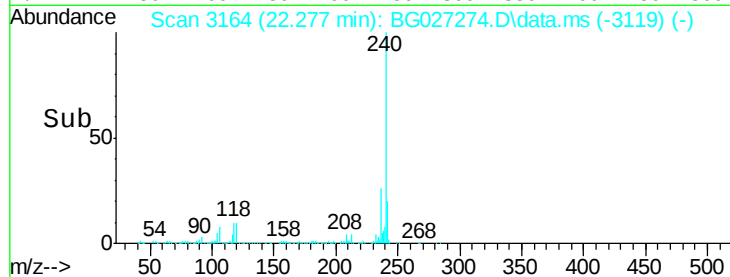
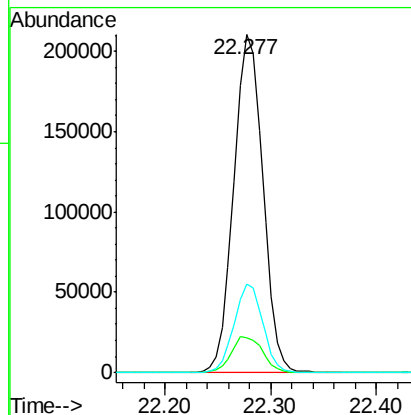
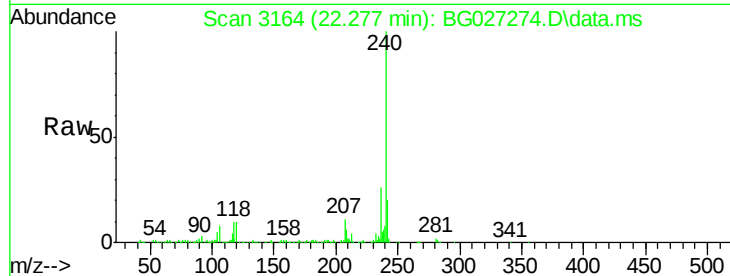
Tot Ion:240 Resp: 400765

Ion Ratio Lower Upper

240 100

120 10.4 5.7 8.5#

236 26.0 22.2 33.4



#78

Terphenyl-d14

Concen: 103.78 ng

RT: 20.473 min Scan# 2857

Delta R.T. -0.021 min

Lab File: BG027274.D

Acq: 7 Jun 2017 8:51

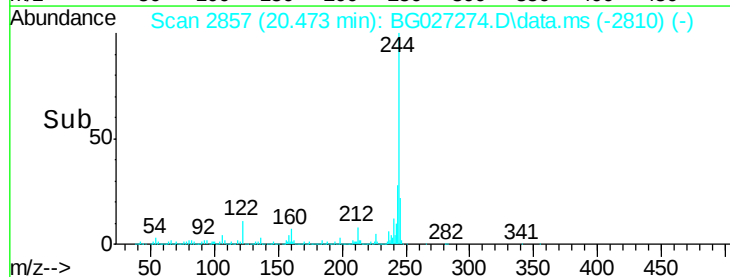
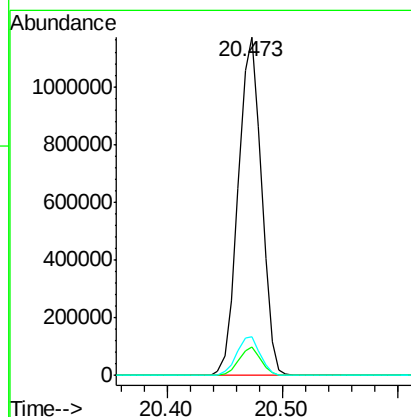
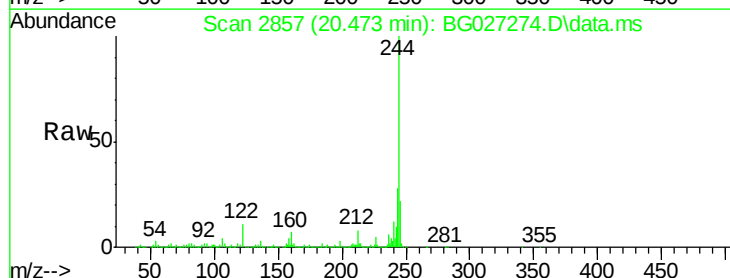
Tgt Ion:244 Resp: 1630398

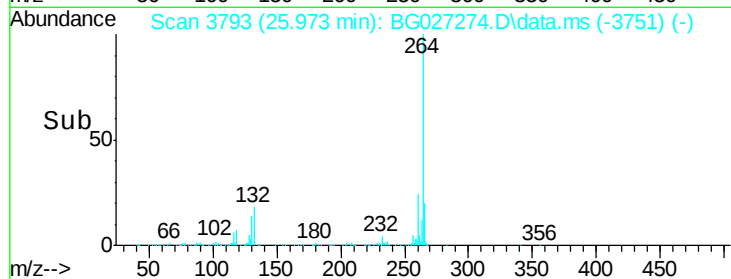
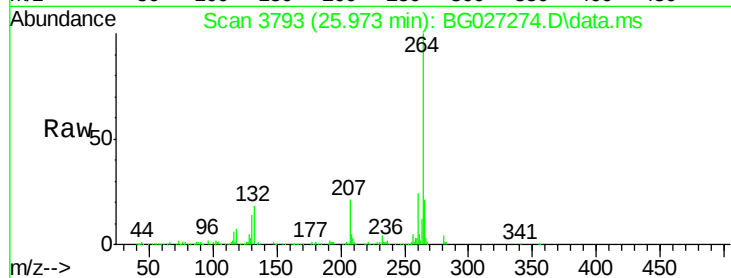
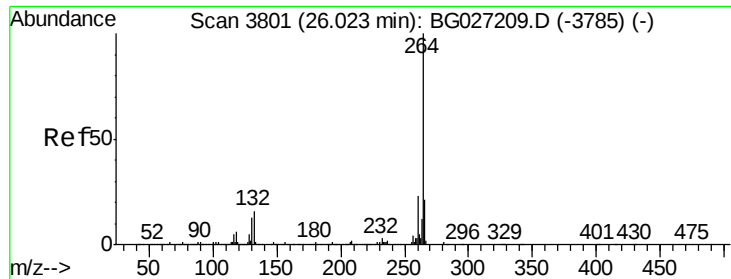
Ion Ratio Lower Upper

244 100

212 8.4 10.0 15.0#

122 11.5 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: BG027274.D

Acq: 7 Jun 2017 8:51

Instrument :

BNA_G

ClientSampleId :

146-COMP

Tot Ion:264 Resp: 371621

Ion Ratio Lower Upper

264 100

260 23.5 21.8 32.8

265 20.8 18.2 27.4

