

Data Path : Z:\HPCHEM1\BNA G\Data\BG060916\
 Data File : BG022264.D
 Acq On : 9 Jun 2016 11:54
 Operator : UM/SJ
 Sample : H3457-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MPB-W-1-SOIL

Quant Time: Jun 09 15:40:19 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

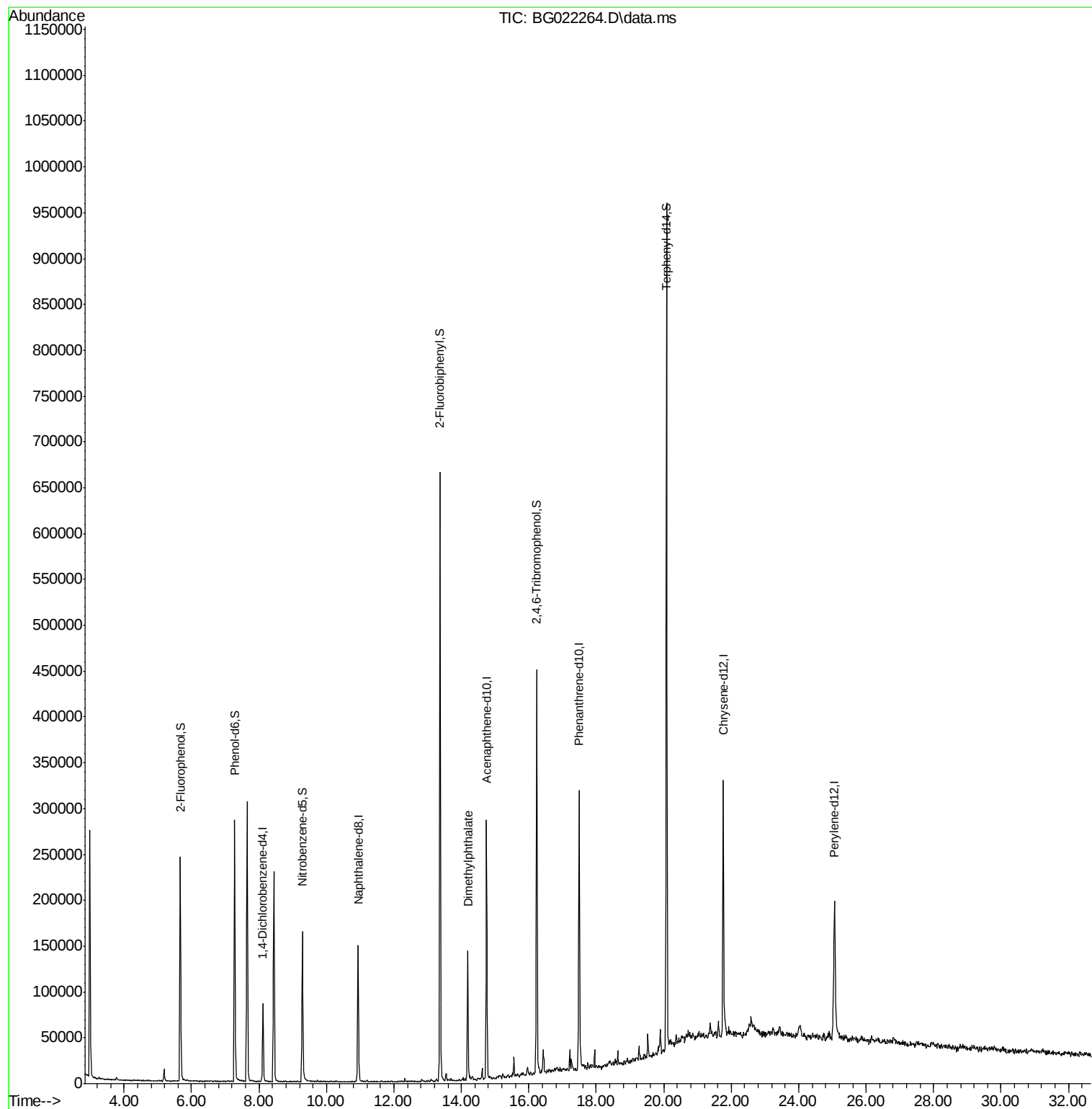
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	31809	20.00	ng	0.00
21) Naphthalene-d8	10.940	136	169614	20.00	ng	0.00
38) Acenaphthene-d10	14.741	164	110219	20.00	ng	0.00
63) Phenanthrene-d10	17.491	188	217414	20.00	ng	0.00
75) Chrysene-d12	21.762	240	183311	20.00	ng	0.00
86) Perylene-d12	25.064	264	184018	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.664	112	163502	99.38	ng	0.00
7) Phenol-d6	7.279	99	258674	100.00	ng	0.00
23) Nitrobenzene-d5	9.289	82	135668	55.76	ng	0.00
41) 2,4,6-Tribromophenol	16.234	330	95694	76.84	ng	0.00
44) 2-Fluorobiphenyl	13.366	172	405094	56.01	ng	0.00
78) Terphenyl-d14	20.082	244	442368	57.29	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.189	163	115413	12.63	ng	Qvalue 99

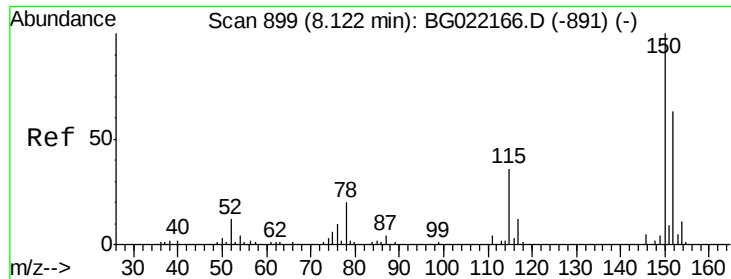
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.114 min Scan# 89

Delta R.T. -0.009 min

Lab File: BG022264.D

Acq: 9 Jun 2016 11:54

Instrument :

BNA_G

ClientSampleId :

MPB-W-1-SOIL

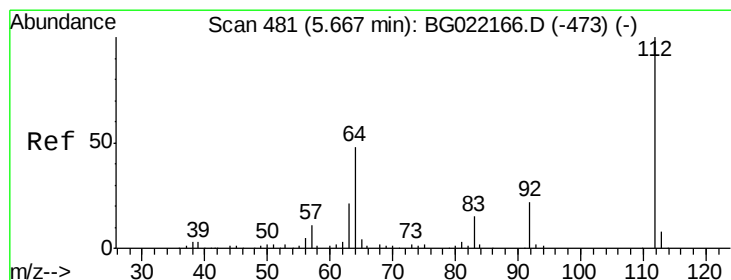
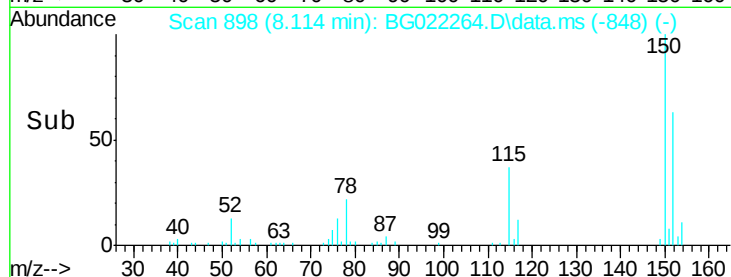
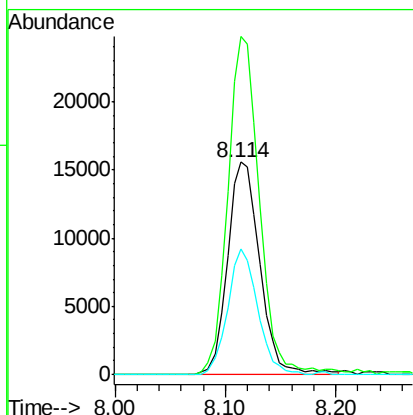
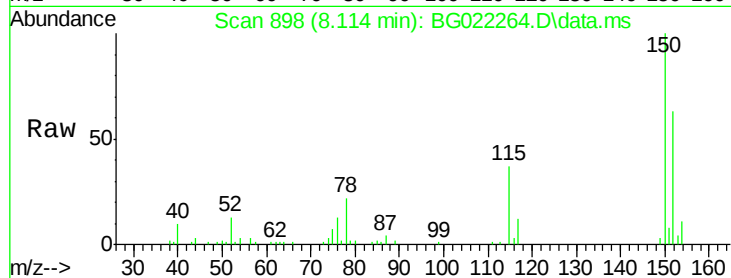
Tot Ion:152 Resp: 31809

Ion Ratio Lower Upper

152 100

150 159.2 130.1 195.1

115 59.4 62.2 93.2#



#5

2-Fluorophenol

Concen: 99.38 ng

RT: 5.664 min Scan# 481

Delta R.T. -0.002 min

Lab File: BG022264.D

Acq: 9 Jun 2016 11:54

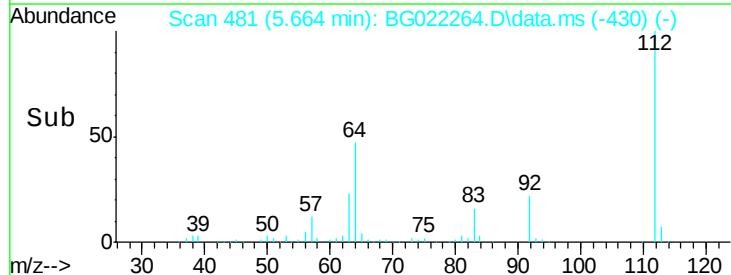
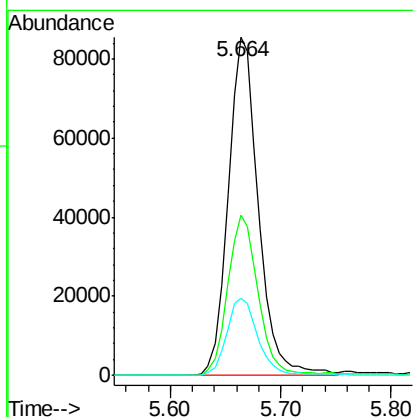
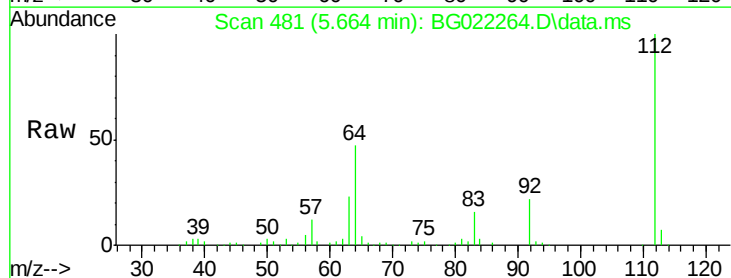
Tgt Ion:112 Resp: 163502

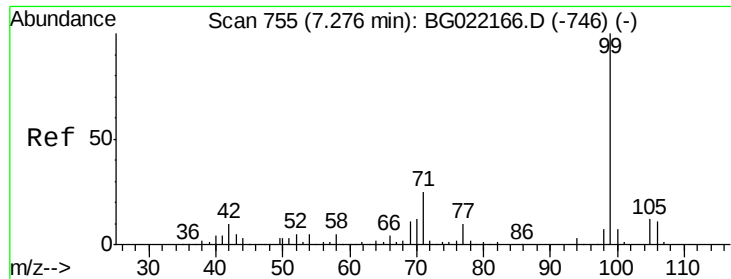
Ion Ratio Lower Upper

112 100

64 47.3 51.1 76.7#

63 22.8 24.6 37.0#





#7

Phenol-d6

Concen: 100.00 ng

RT: 7.279 min Scan# 75

Delta R.T. 0.003 min

Lab File: BG022264.D

Acq: 9 Jun 2016 11:54

Instrument :

BNA_G

ClientSampleId :

MPB-W-1-SOIL

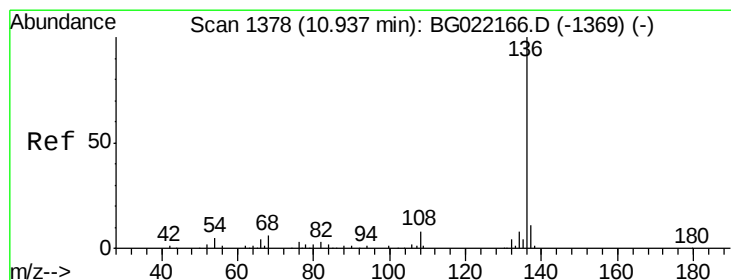
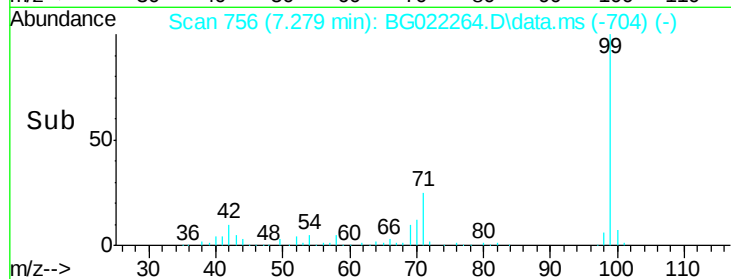
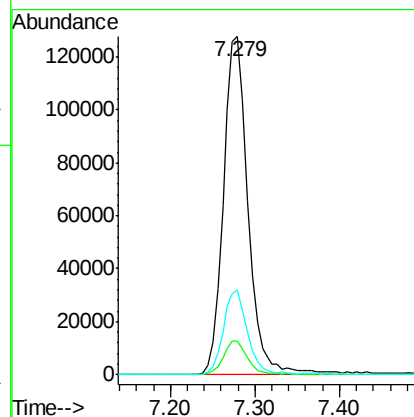
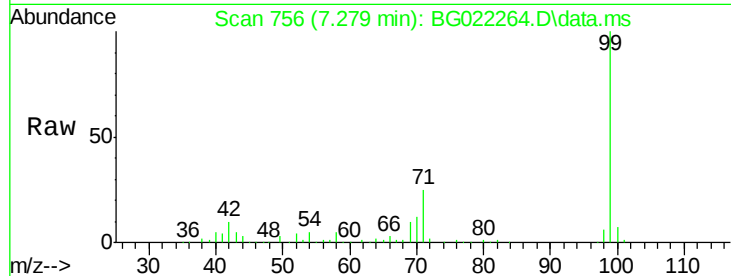
Tot Ion: 99 Resp: 258674

Ion Ratio Lower Upper

99 100

42 9.7 16.4 24.6#

71 24.9 25.0 37.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.940 min Scan# 1379

Delta R.T. 0.003 min

Lab File: BG022264.D

Acq: 9 Jun 2016 11:54

Tgt Ion: 136 Resp: 169614

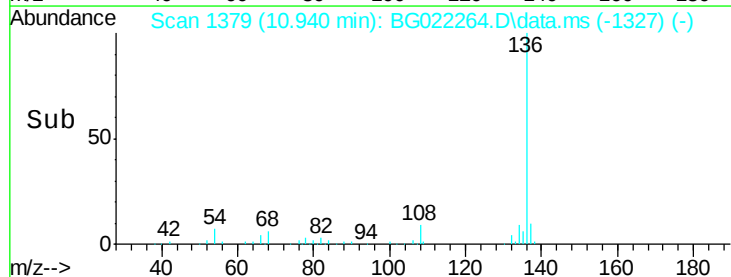
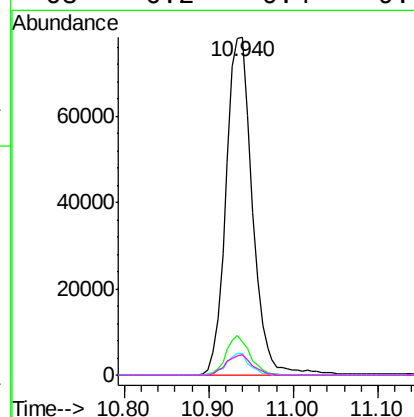
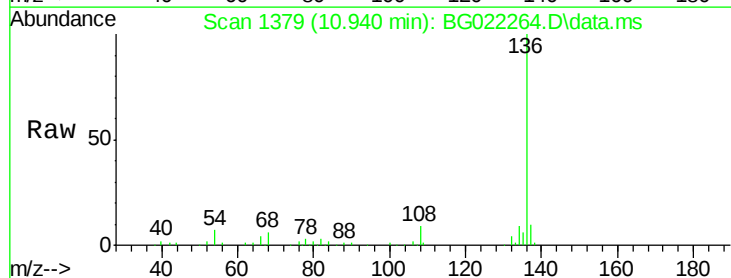
Ion Ratio Lower Upper

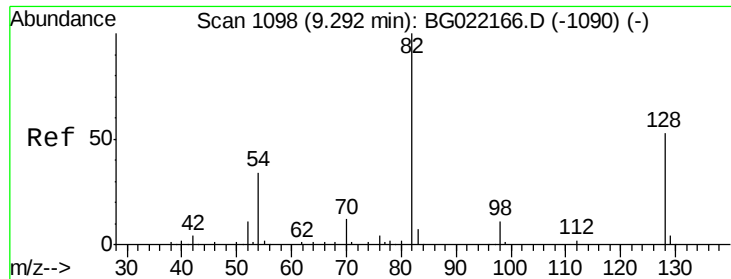
136 100

137 9.9 9.0 13.4

54 6.5 9.6 14.4#

68 6.2 6.4 9.6#

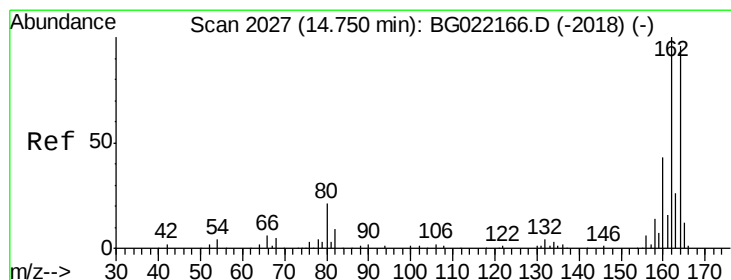
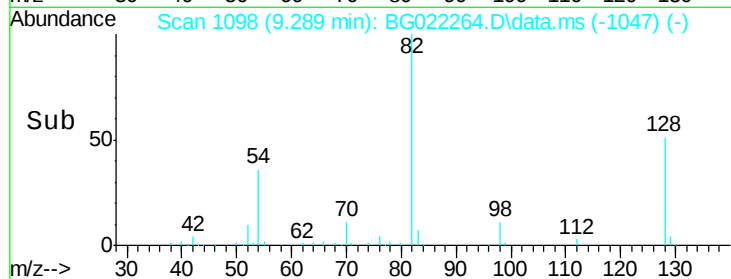
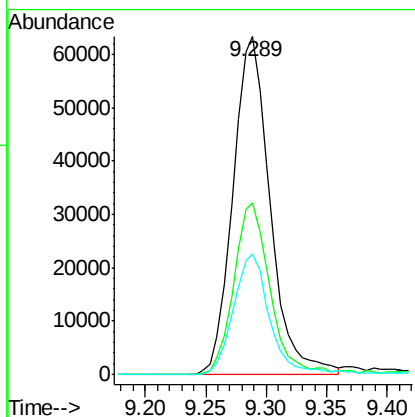
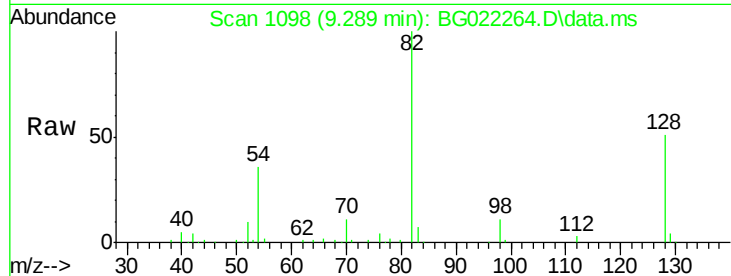




#23
 Nitrobenzene-d5
 Concen: 55.76 ng
 RT: 9.289 min Scan# 10
 Delta R.T. -0.003 min
 Lab File: BG022264.D
 Acq: 9 Jun 2016 11:54

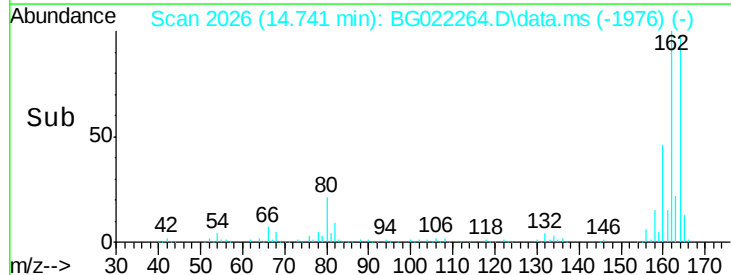
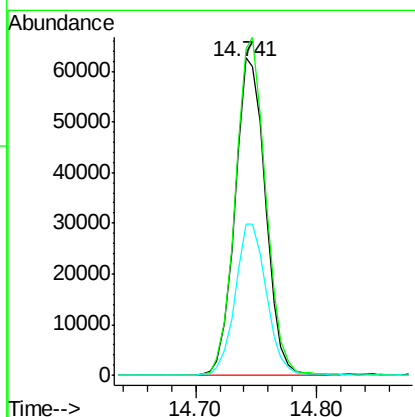
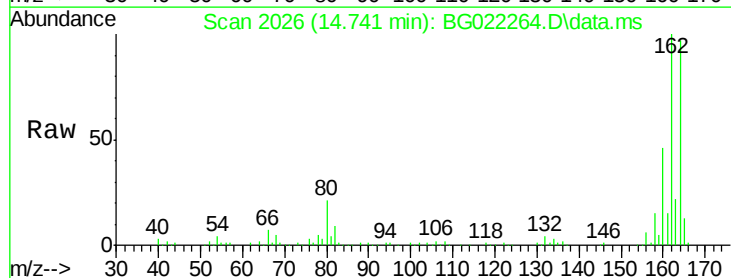
Instrument :
 BNA_G
 ClientSampleId :
 MPB-W-1-SOIL

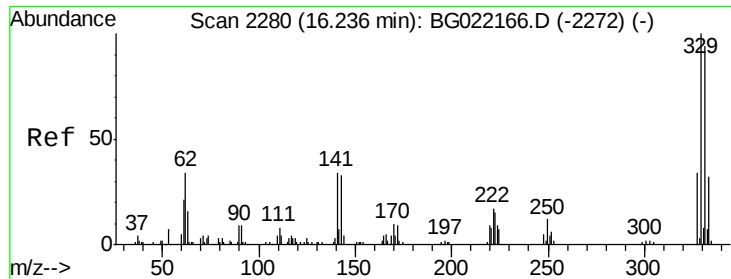
Tot Ion: 82 Resp: 135668
 Ion Ratio Lower Upper
 82 100
 128 50.9 33.4 50.0#
 54 35.6 46.1 69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.741 min Scan# 2026
 Delta R.T. -0.009 min
 Lab File: BG022264.D
 Acq: 9 Jun 2016 11:54

Tgt Ion:164 Resp: 110219
 Ion Ratio Lower Upper
 164 100
 162 102.6 78.0 117.0
 160 47.5 32.9 49.3

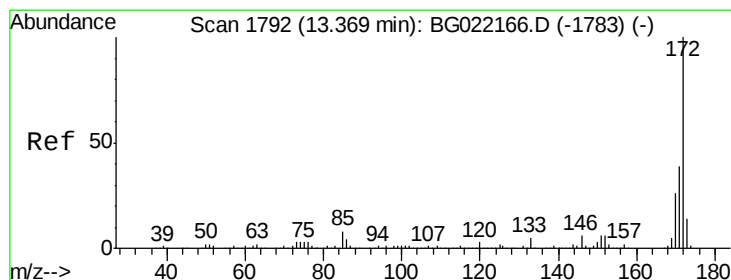
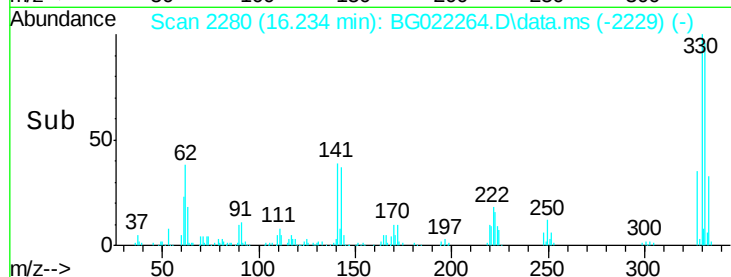
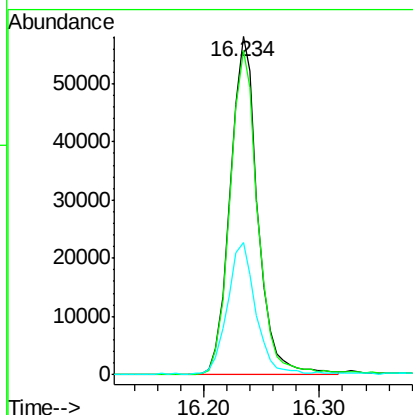
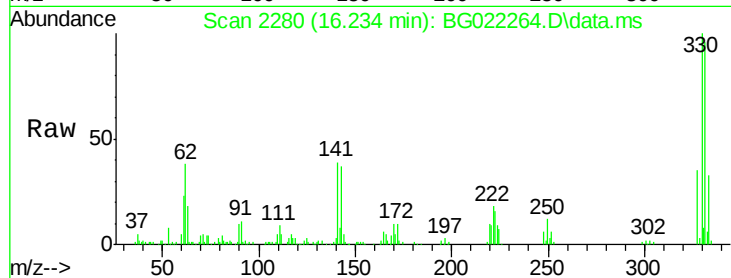




#41
 2,4,6-Tribromophenol
 Concen: 76.84 ng
 RT: 16.234 min Scan# 2280
 Delta R.T. -0.003 min
 Lab File: BG022264.D
 Acq: 9 Jun 2016 11:54

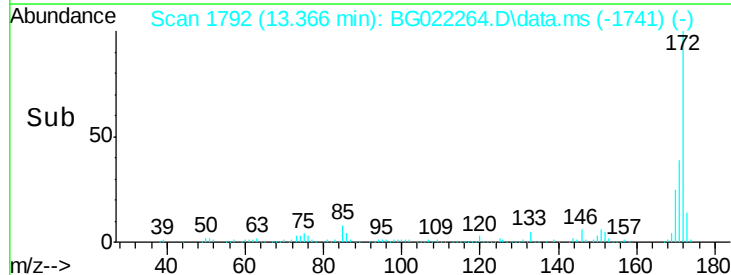
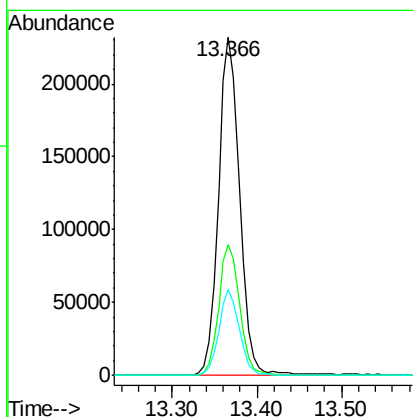
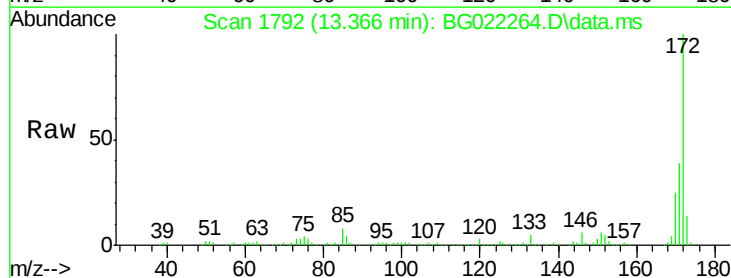
Instrument :
 BNA_G
 ClientSampleId :
 MPB-W-1-SOIL

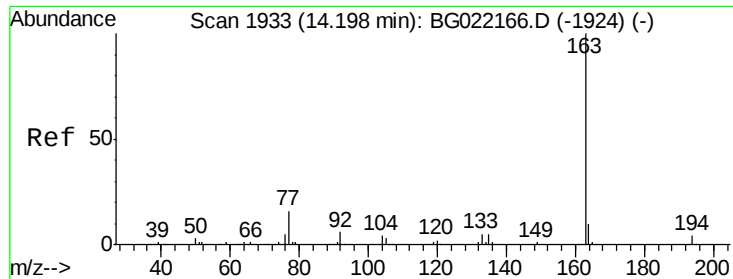
Tot Ion:330 Resp: 95694
 Ion Ratio Lower Upper
 330 100
 332 97.5 78.0 117.0
 141 40.0 33.8 50.8



#44
 2-Fluorobiphenyl
 Concen: 56.01 ng
 RT: 13.366 min Scan# 1792
 Delta R.T. -0.003 min
 Lab File: BG022264.D
 Acq: 9 Jun 2016 11:54

Tgt Ion:172 Resp: 405094
 Ion Ratio Lower Upper
 172 100
 171 38.6 27.8 41.6
 170 25.5 19.6 29.4





#49

Dimethylphthalate

Concen: 12.63 ng

RT: 14.189 min Scan# 19

Delta R.T. -0.009 min

Lab File: BG022264.D

Acq: 9 Jun 2016 11:54

Instrument :

BNA_G

ClientSampleId :

MPB-W-1-SOIL

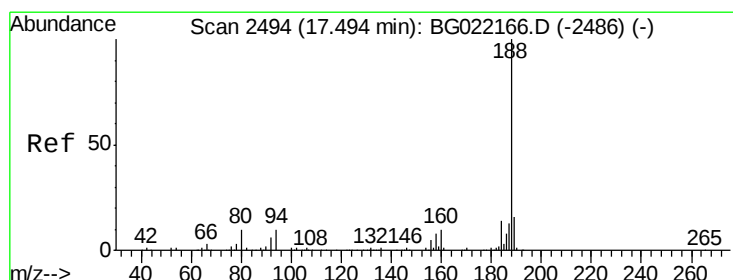
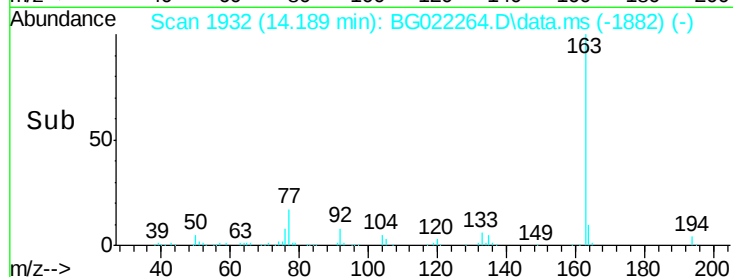
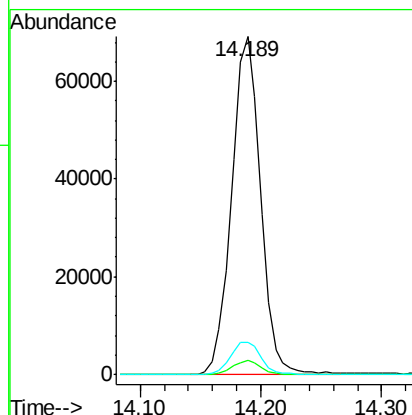
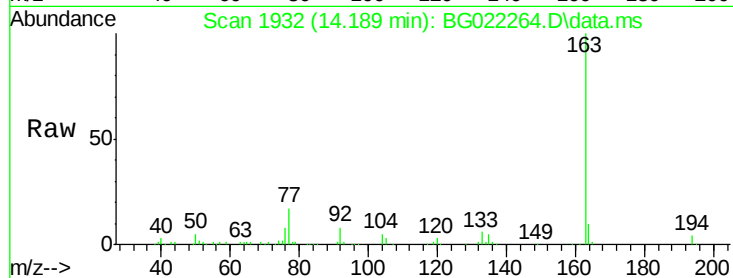
Tot Ion:163 Resp: 115413

Ion Ratio Lower Upper

163 100

194 4.3 3.0 4.6

164 9.6 8.1 12.1



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.491 min Scan# 2494

Delta R.T. -0.003 min

Lab File: BG022264.D

Acq: 9 Jun 2016 11:54

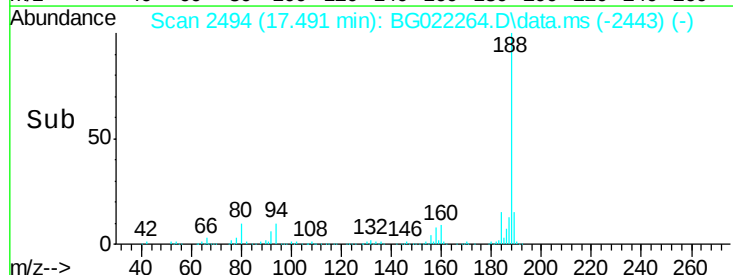
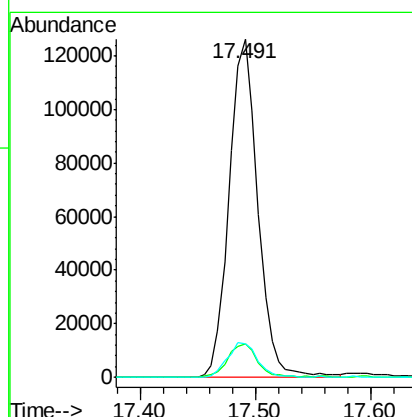
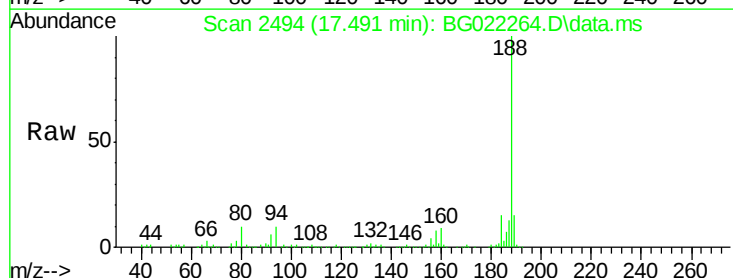
Tgt Ion:188 Resp: 217414

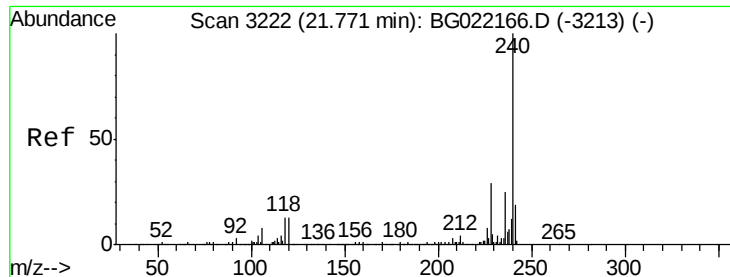
Ion Ratio Lower Upper

188 100

94 9.7 7.5 11.3

80 9.8 8.6 13.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.762 min Scan# 32

Delta R.T. -0.009 min

Lab File: BG022264.D

Acq: 9 Jun 2016 11:54

Instrument :

BNA_G

ClientSampleId :

MPB-W-1-SOIL

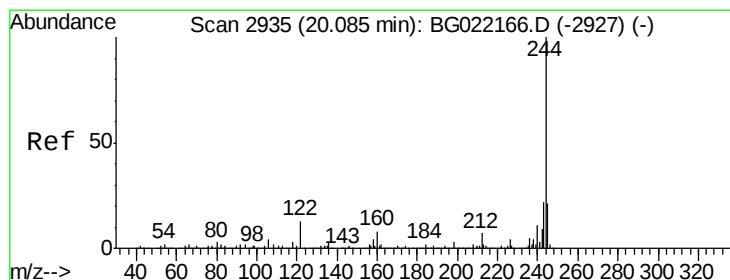
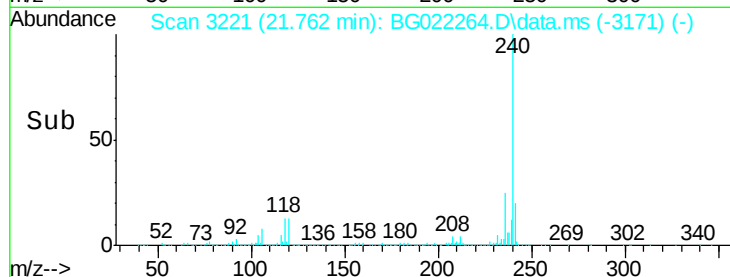
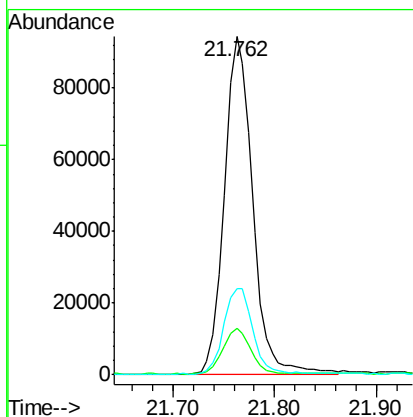
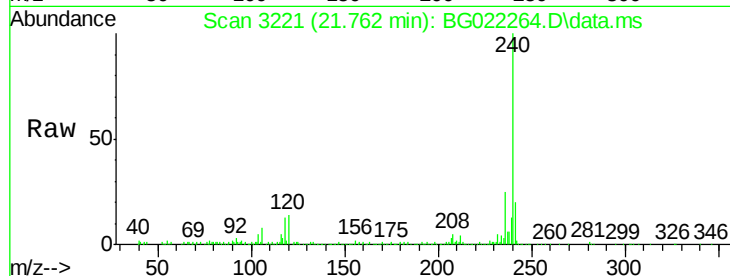
Tot Ion:240 Resp: 183311

Ion Ratio Lower Upper

240 100

120 13.6 8.4 12.6#

236 25.3 19.6 29.4



#78

Terphenyl-d14

Concen: 57.29 ng

RT: 20.082 min Scan# 2935

Delta R.T. -0.003 min

Lab File: BG022264.D

Acq: 9 Jun 2016 11:54

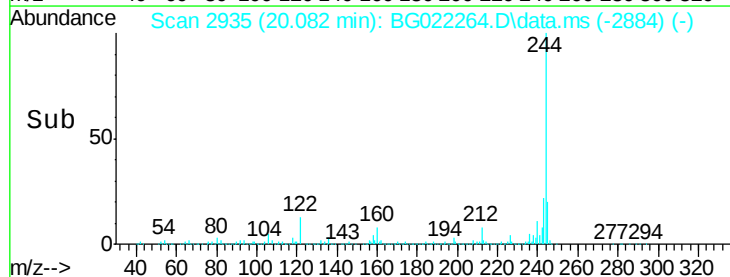
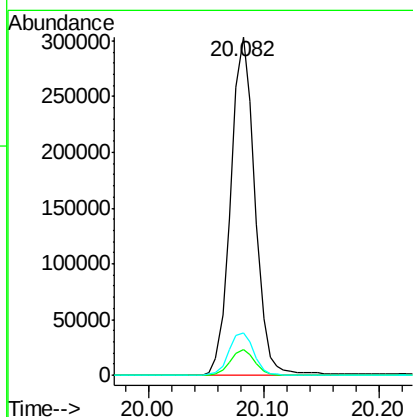
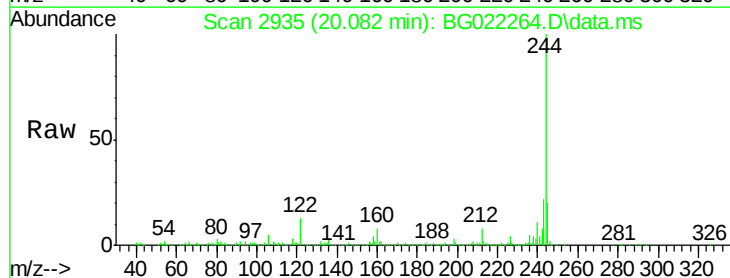
Tgt Ion:244 Resp: 442368

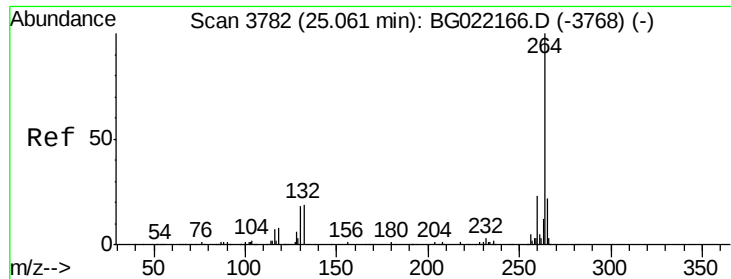
Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

122 12.6 8.6 12.8





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.064 min Scan# 37
 Delta R.T. 0.003 min
 Lab File: BG022264.D
 Acq: 9 Jun 2016 11:54

Instrument :
 BNA_G
 ClientSampleId :
 MPB-W-1-SOIL

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	20.2	30.4
265	21.3	17.8	26.8

