

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

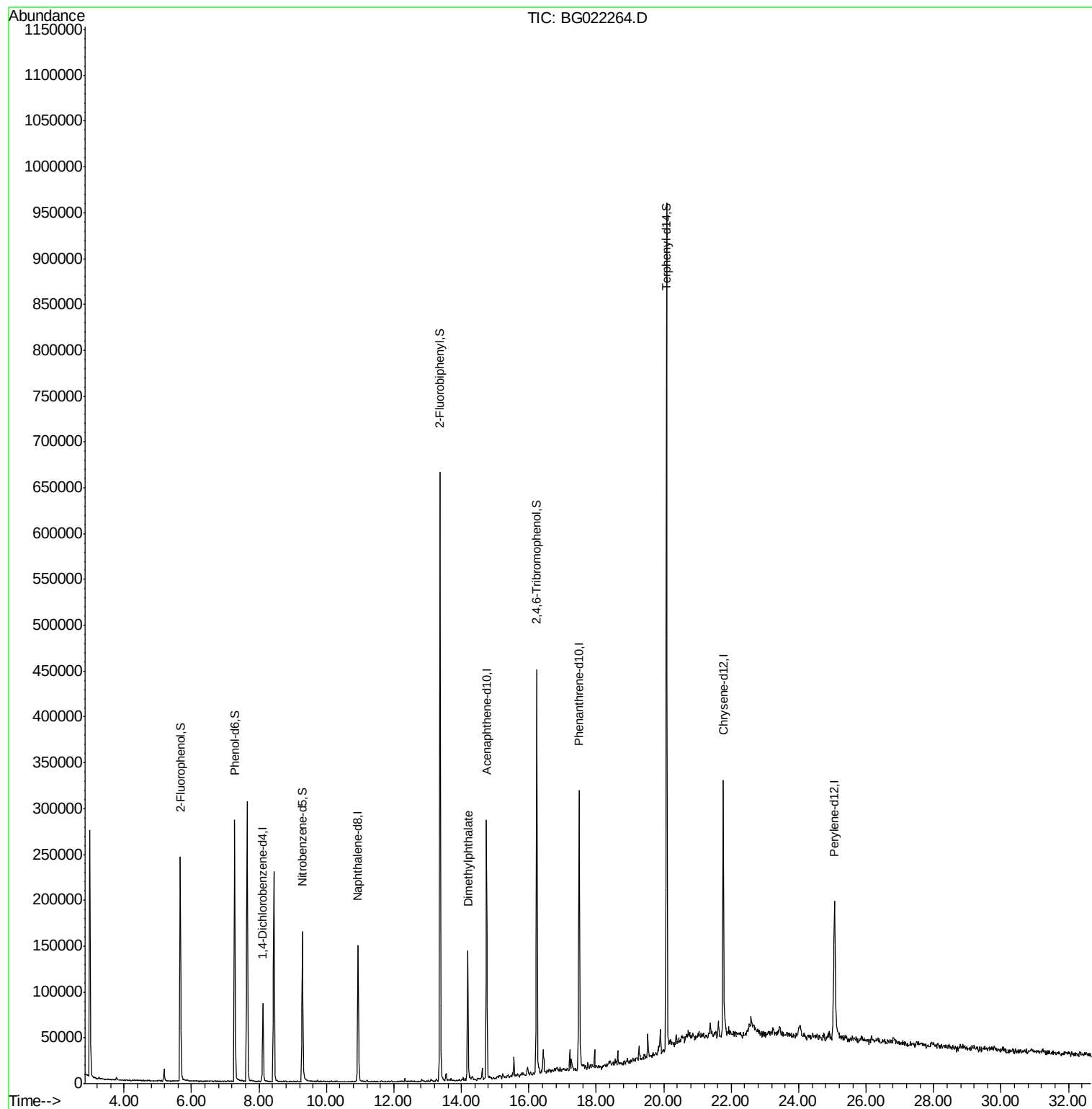
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	31809	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	169614	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	110219	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	217414	20.00	ng	0.00
75) Chrysene-d12	21.76	240	183311	20.00	ng	0.00
86) Perylene-d12	25.06	264	184018	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	163502	99.38	ng	0.00
7) Phenol-d6	7.28	99	258674	100.00	ng	0.00
23) Nitrobenzene-d5	9.29	82	135668	55.76	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	95694	76.84	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	405094	56.01	ng	0.00
78) Terphenyl-d14	20.08	244	442368	57.29	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.19	163	115413	12.63	ng	99

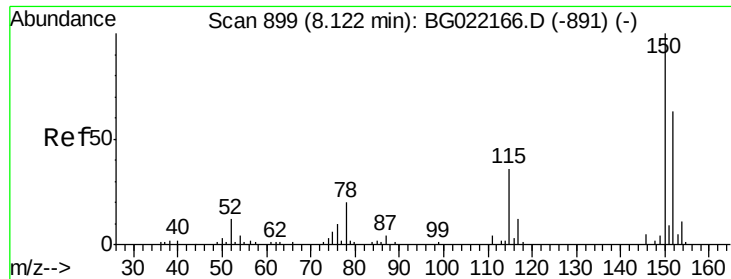
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 06 16:12:45 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 898

Delta R.T. -0.01 min

Lab File: BG022264.D

Acq: 9 Jun 2016 11:54

Instrument :

BNA_G

ClientSampleId :

MPB-W-1-SOIL

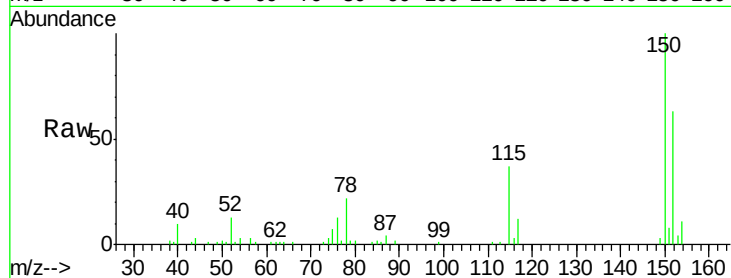
Tot Ion:152 Resp: 31809

Ion Ratio Lower Upper

152 100

150 159.2 130.1 195.1

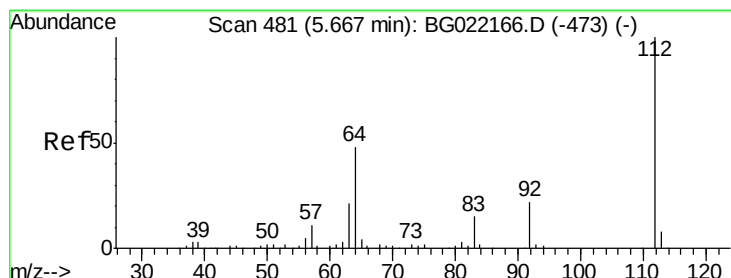
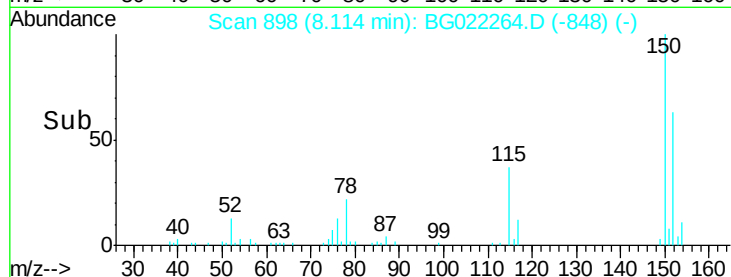
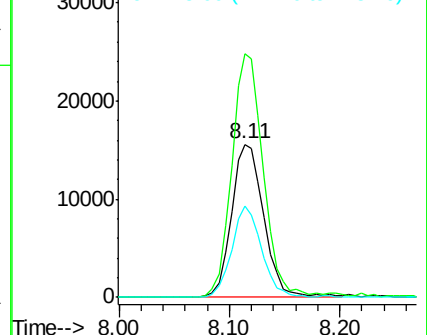
115 59.4 62.2 93.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 99.38 ng

RT: 5.66 min Scan# 481

Delta R.T. -0.00 min

Lab File: BG022264.D

Acq: 9 Jun 2016 11:54

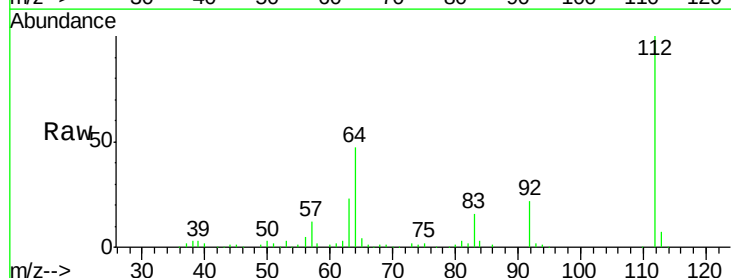
Tgt Ion:112 Resp: 163502

Ion Ratio Lower Upper

112 100

64 47.3 51.1 76.7#

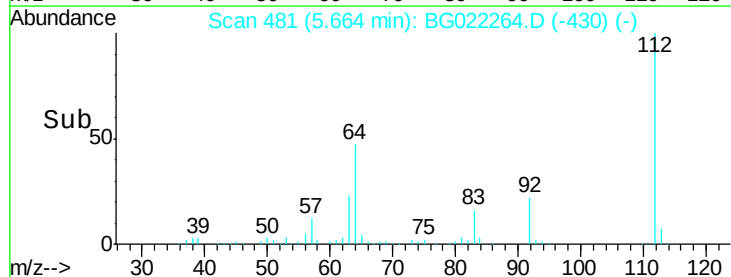
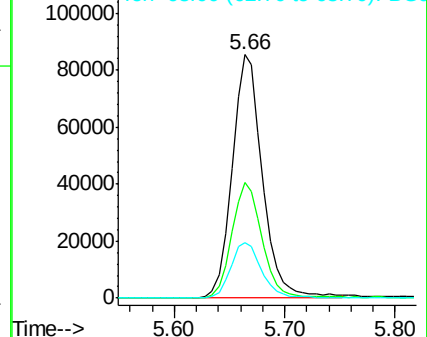
63 22.8 24.6 37.0#

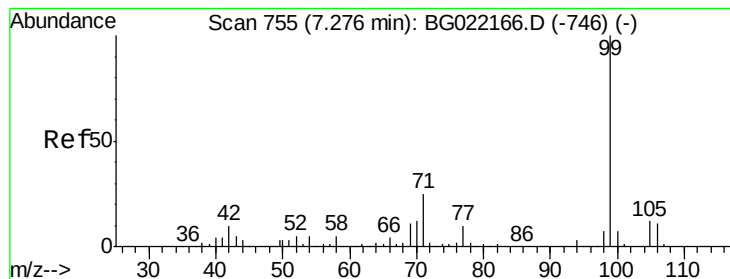


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 100.00 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG022264.D

Acq: 9 Jun 2016 11:54

Instrument :

BNA_G

ClientSampleId :

MPB-W-1-SOIL

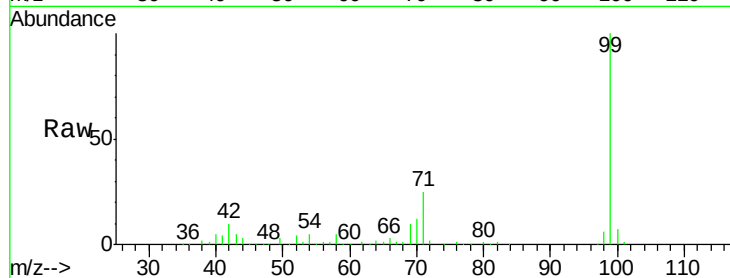
Tot Ion: 99 Resp: 258674

Ion Ratio Lower Upper

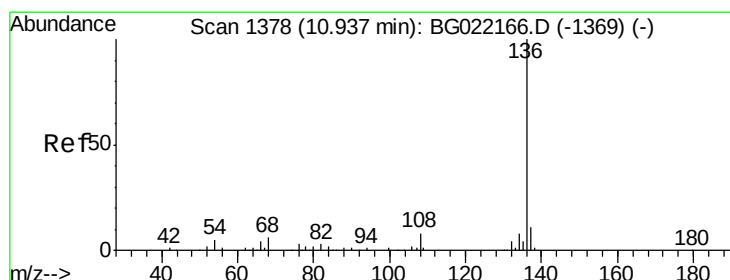
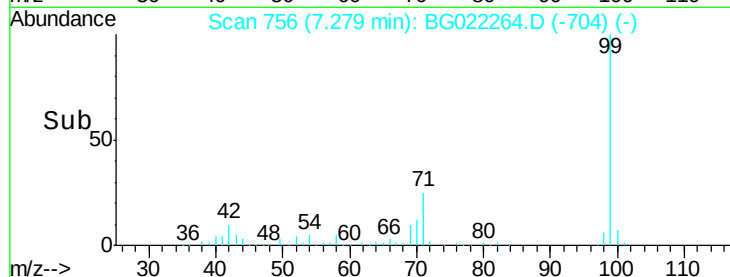
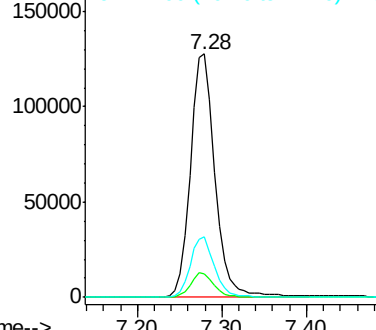
99 100

42 9.7 16.4 24.6#

71 24.9 25.0 37.4#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.94 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BG022264.D

Acq: 9 Jun 2016 11:54

Tgt Ion: 136 Resp: 169614

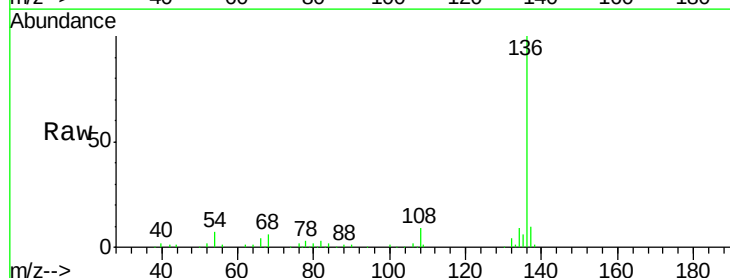
Ion Ratio Lower Upper

136 100

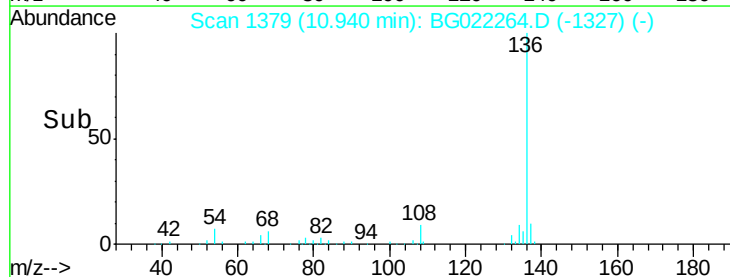
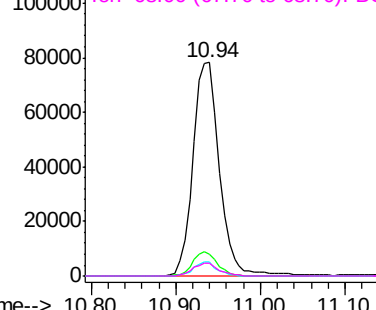
137 9.9 9.0 13.4

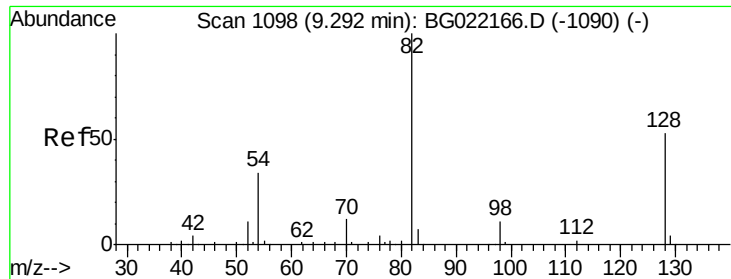
54 6.5 9.6 14.4#

68 6.2 6.4 9.6#



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

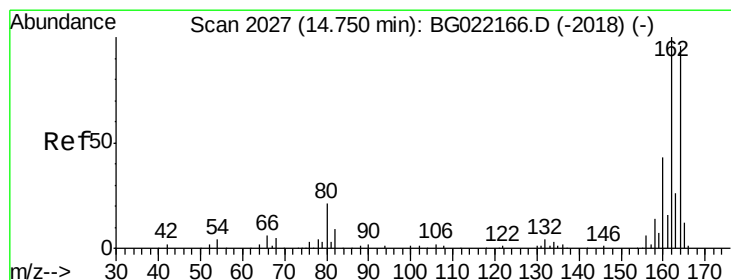
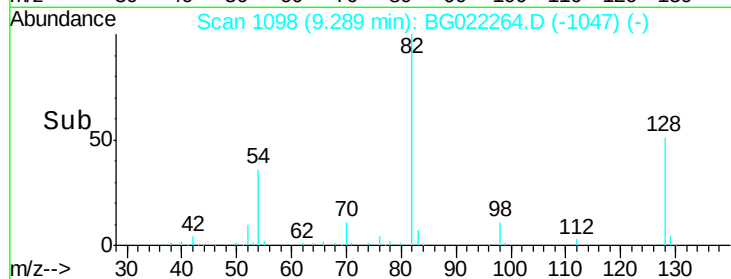
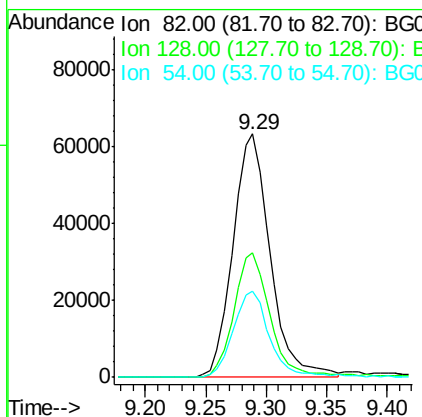
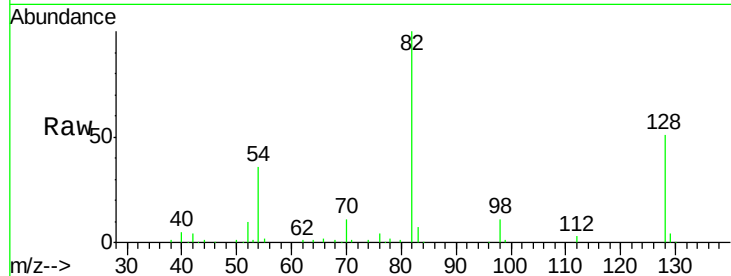




#23
 Nitrobenzene-d5
 Concen: 55.76 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.00 min
 Lab File: BG022264.D
 Acq: 9 Jun 2016 11:54

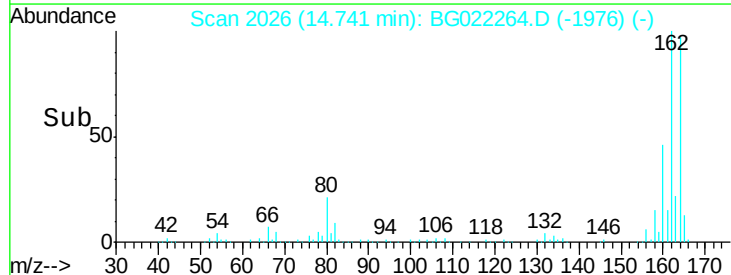
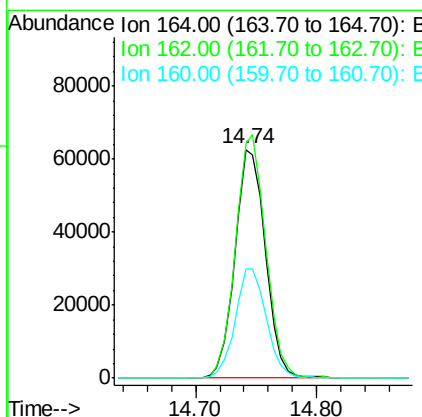
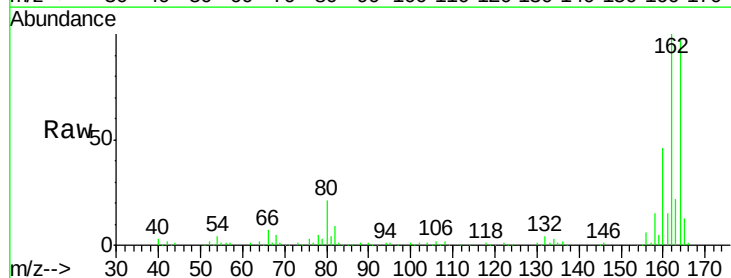
Instrument :
 BNA_G
 ClientSampleId :
 MPB-W-1-SOIL

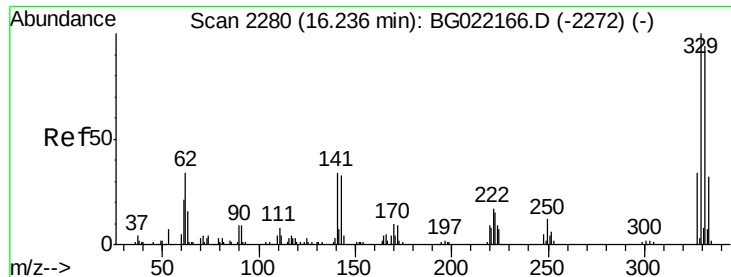
Tot Ion	82	Resp	135668
Ion Ratio	Lower	Upper	
82	100		
128	50.9	33.4	50.0#
54	35.6	46.1	69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2026
 Delta R.T. -0.01 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: 16.23 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BG022264.D

Acq: 9 Jun 2016 11:54

Instrument :

BNA_G

ClientSampleId :

MPB-W-1-SOIL

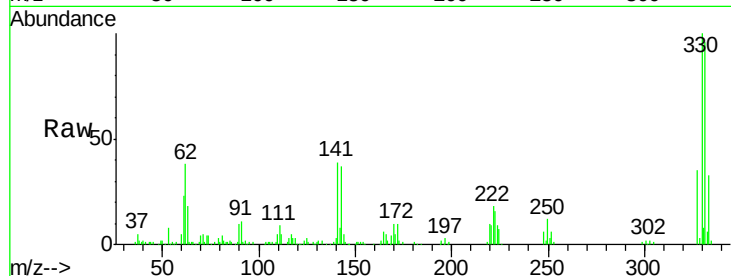
Tot Ion:330 Resp: 95694

Ion Ratio Lower Upper

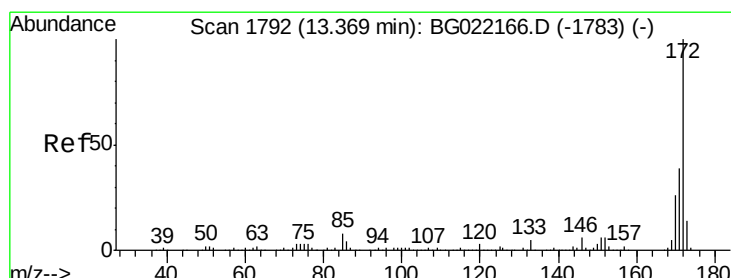
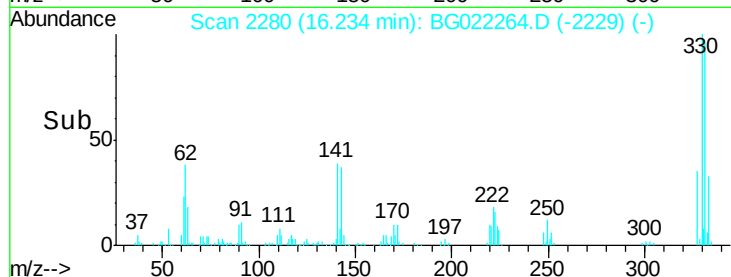
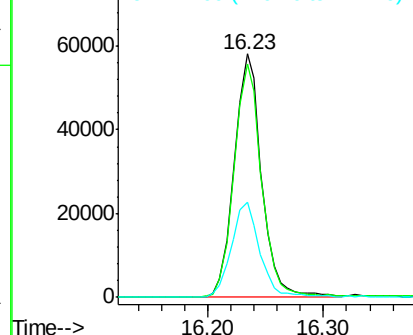
330 100

332 97.5 78.0 117.0

141 40.0 33.8 50.8



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 56.01 ng

RT: 13.37 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BG022264.D

Acq: 9 Jun 2016 11:54

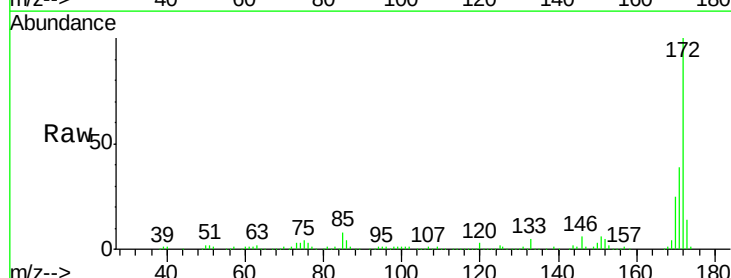
Tgt Ion:172 Resp: 405094

Ion Ratio Lower Upper

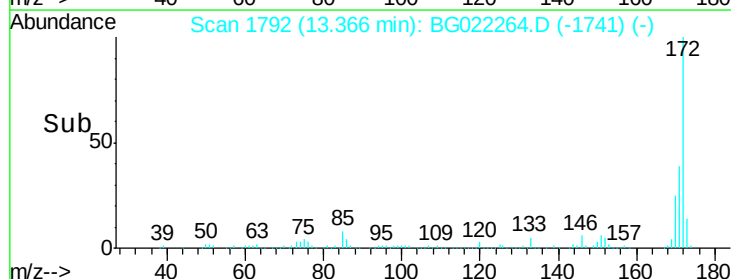
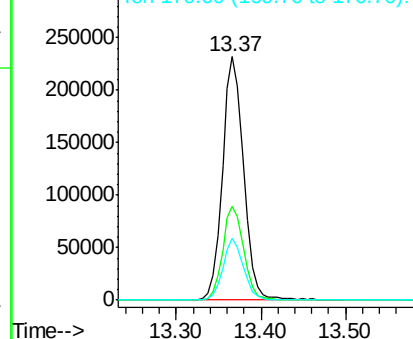
172 100

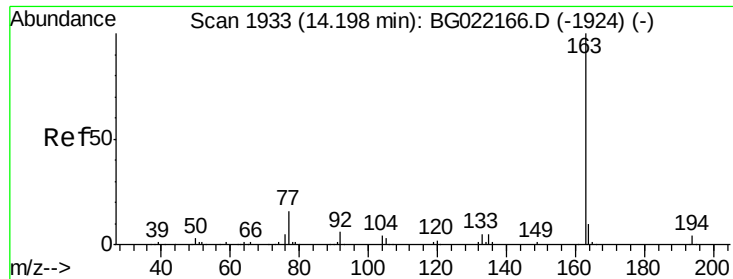
171 38.6 27.8 41.6

170 25.5 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

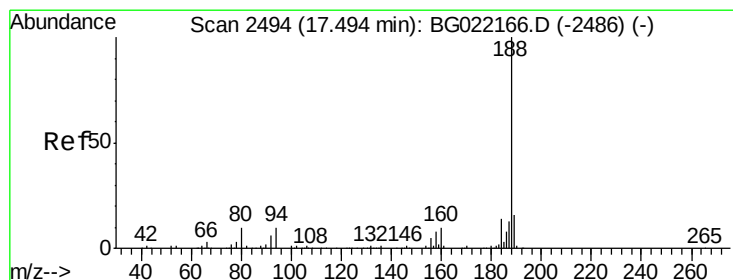
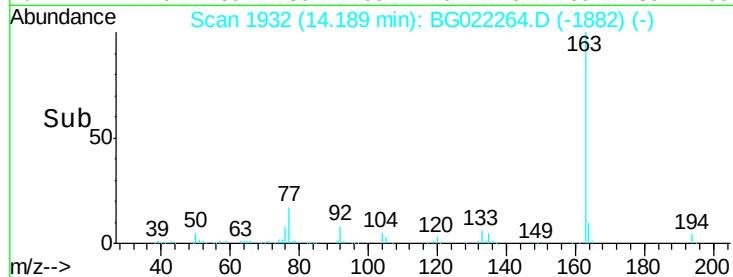
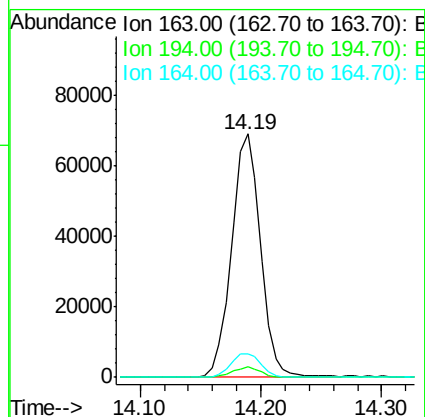
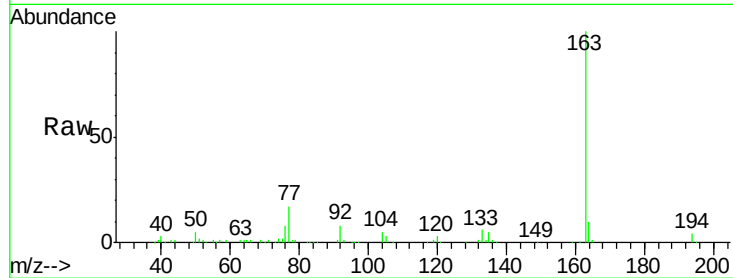




#49
Dimethylphthalate
Concen: 12.63 ng
RT: 14.19 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG022264.D
Acq: 9 Jun 2016 11:54

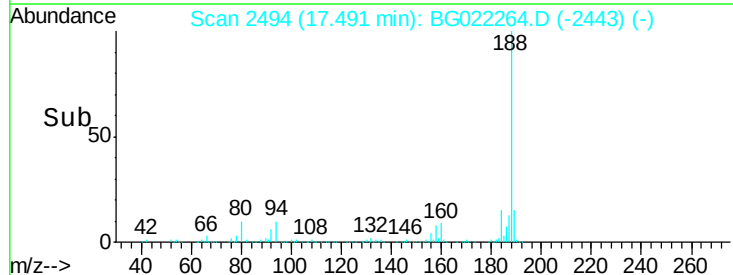
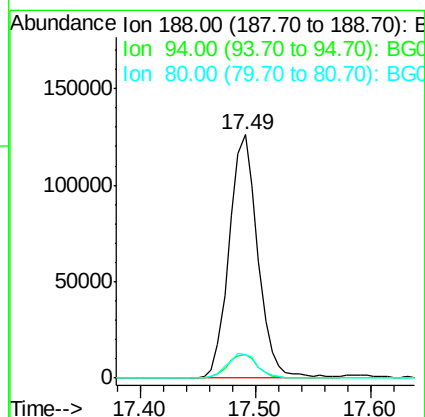
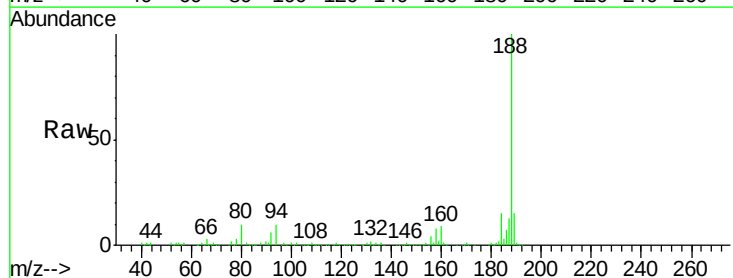
Instrument :
BNA_G
ClientSampleId :
MPB-W-1-SOIL

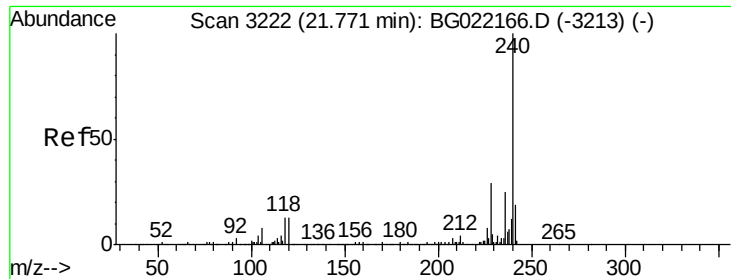
Tot Ion:163 Resp: 115413
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.6
164 9.6 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.00 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: 21.76 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BG022264.D

Acq: 9 Jun 2016 11:54

Instrument :

BNA_G

ClientSampleId :

MPB-W-1-SOIL

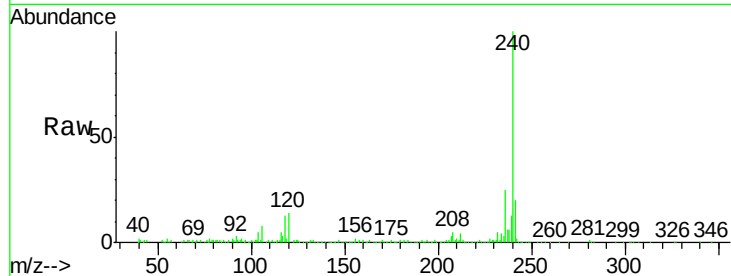
Tot Ion:240 Resp: 183311

Ion Ratio Lower Upper

240 100

120 13.6 8.4 12.6#

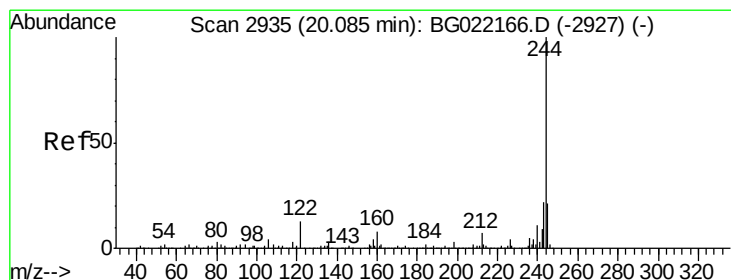
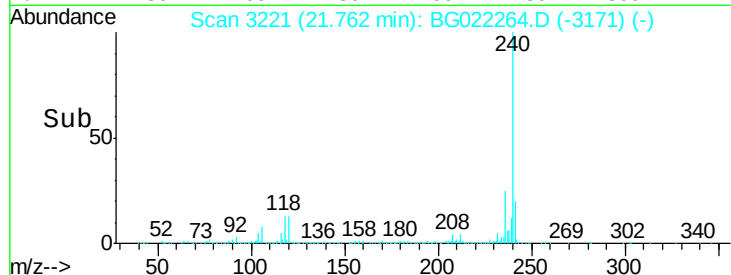
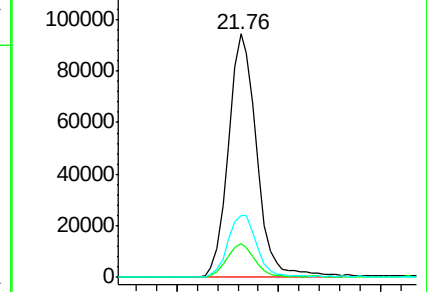
236 25.3 19.6 29.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 57.29 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022264.D

Acq: 9 Jun 2016 11:54

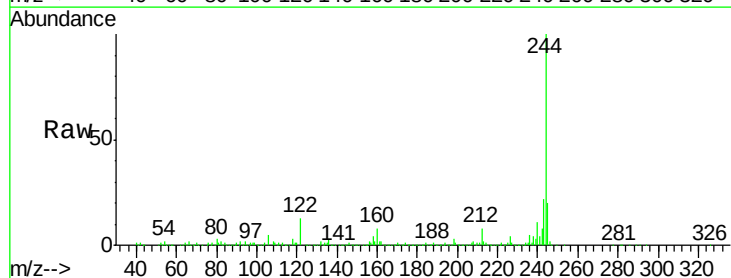
Tgt Ion:244 Resp: 442368

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

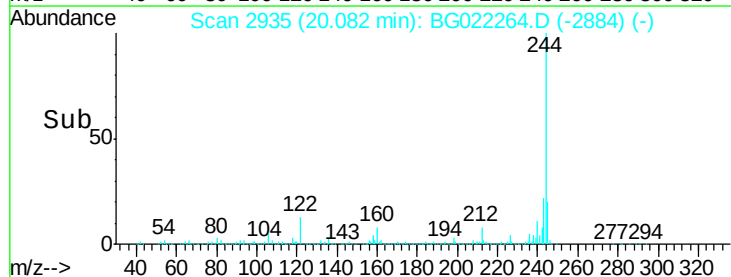
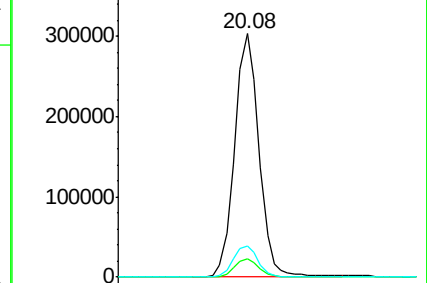
122 12.6 8.6 12.8

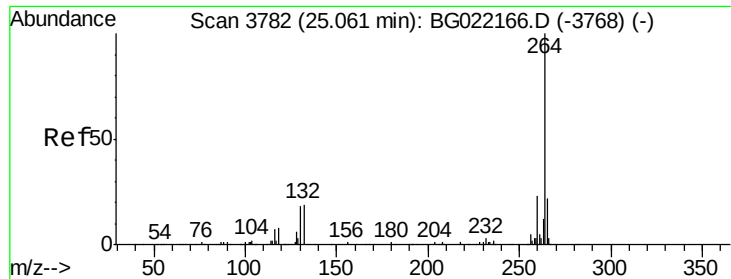


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

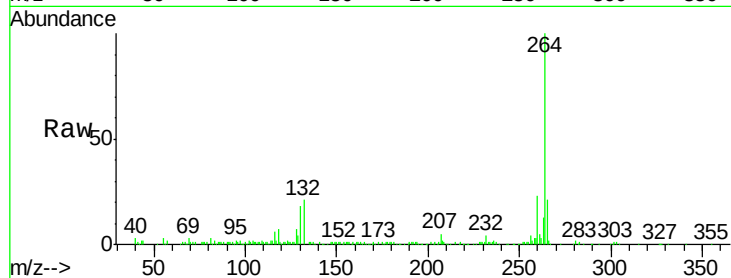




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3783
Delta R.T. 0.00 min
Lab File: BG022264.D
Acq: 9 Jun 2016 11:54

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

Tot Ion:264 Resp: 184018
Ion Ratio Lower Upper
264 100
260 22.6 20.2 30.4
265 21.3 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

