

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\
 Data File : BF094401.D
 Acq On : 13 Apr 2017 20:12
 Operator : SJ/MA
 Sample : I2663-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-BW-PLANTINGSOIL

Quant Time: Apr 14 02:27:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 14 01:21:26 2017
 Response via : Initial Calibration

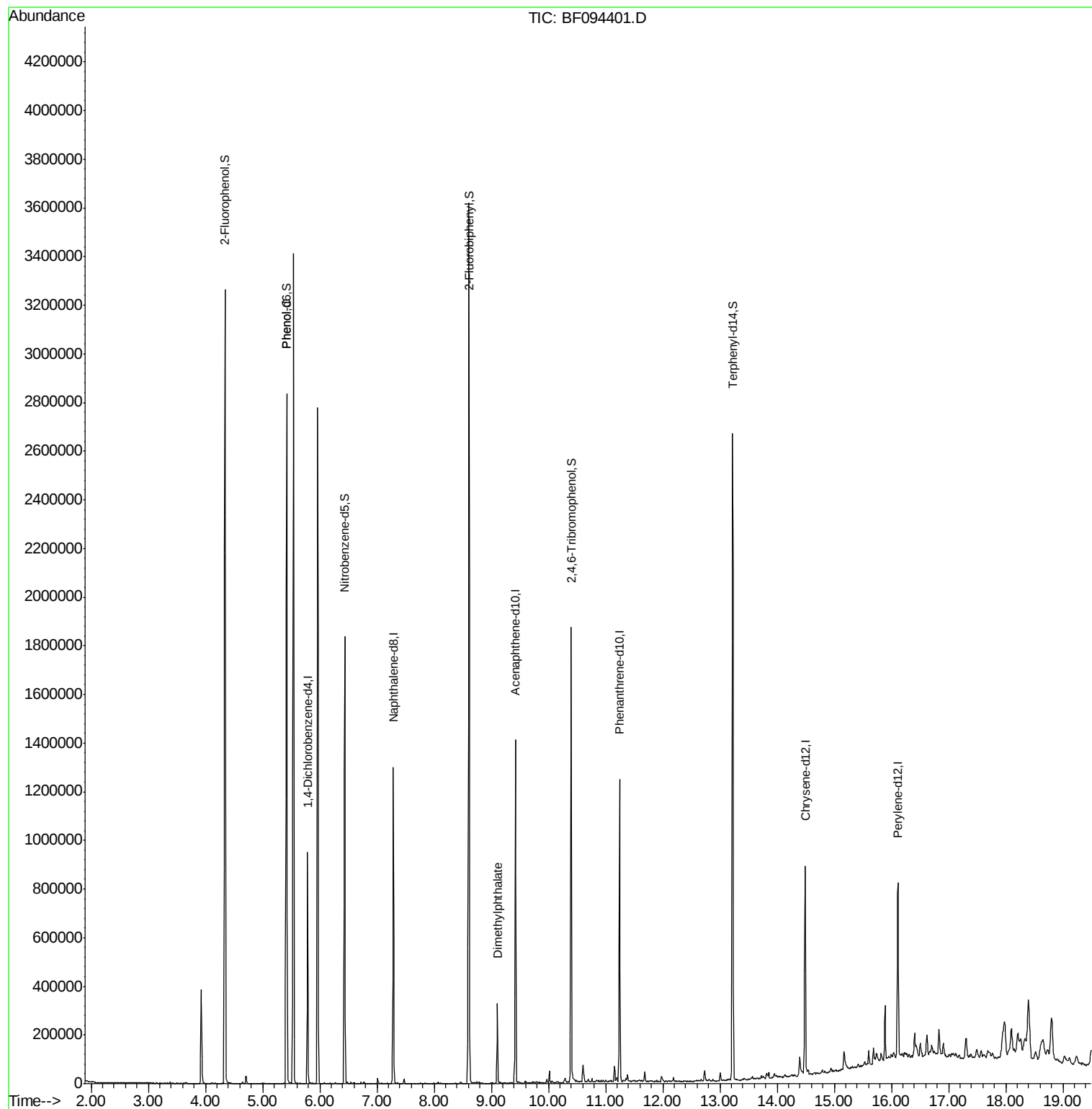
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.79	152	158401	20.00	ng	-0.04
21) Naphthalene-d8	7.29	136	650147	20.00	ng	-0.05
38) Acenaphthene-d10	9.42	164	298337	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	502448	20.00	ng	-0.05
75) Chrysene-d12	14.49	240	341786	20.00	ng	-0.06
86) Perylene-d12	16.12	264	286309	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.34	112	979196	104.41	ng	-0.04
7) Phenol-d6	5.42	99	1256820	108.33	ng	-0.04
23) Nitrobenzene-d5	6.44	82	785546	68.95	ng	-0.05
41) 2,4,6-Tribromophenol	10.40	330	246333	104.49	ng	-0.05
44) 2-Fluorobiphenyl	8.61	172	1348977	68.97	ng	-0.05
78) Terphenyl-d14	13.22	244	928979	60.92	ng	-0.05
Target Compounds						
10) Phenol	5.43	94	70454	5.34	ng	97
49) Dimethylphthalate	9.10	163	141688	6.68	ng	98

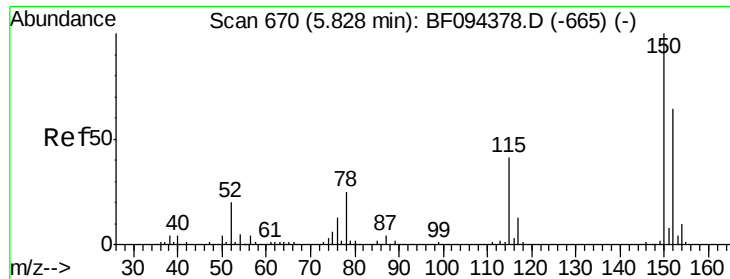
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\
Data File : BF094401.D
Acq On : 13 Apr 2017 20:12
Operator : SJ/MA
Sample : I2663-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-BW-PLANTINGSOIL

Quant Time: Apr 14 02:27:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 14 01:21:26 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.79 min Scan# 663

Delta R.T. -0.04 min

Lab File: BF094401.D

Acq: 13 Apr 2017 20:12

Instrument :

BNA_F

ClientSampleId :

EME-BW-PLANTINGSOIL

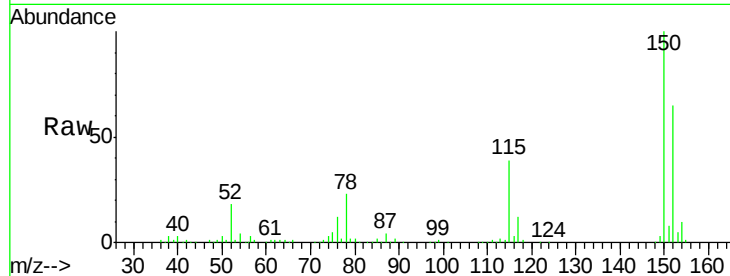
Tot Ion:152 Resp: 158401

Ion Ratio Lower Upper

152 100

150 153.8 126.2 189.2

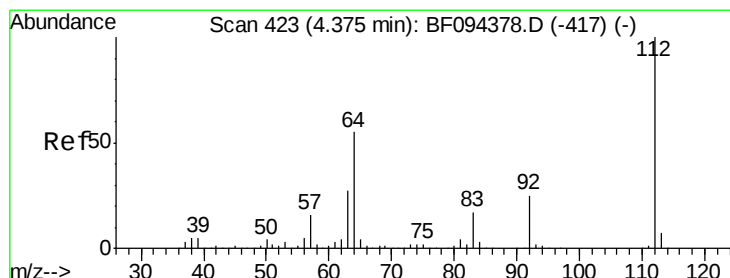
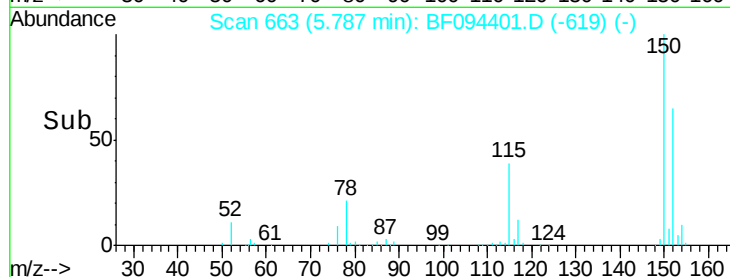
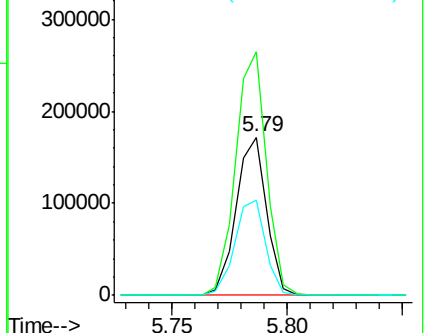
115 59.8 52.2 78.2



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: 104.41 ng

RT: 4.34 min Scan# 417

Delta R.T. -0.04 min

Lab File: BF094401.D

Acq: 13 Apr 2017 20:12

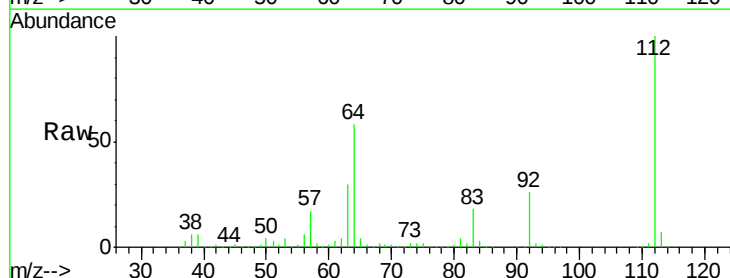
Tgt Ion:112 Resp: 979196

Ion Ratio Lower Upper

112 100

64 58.4 46.0 69.0

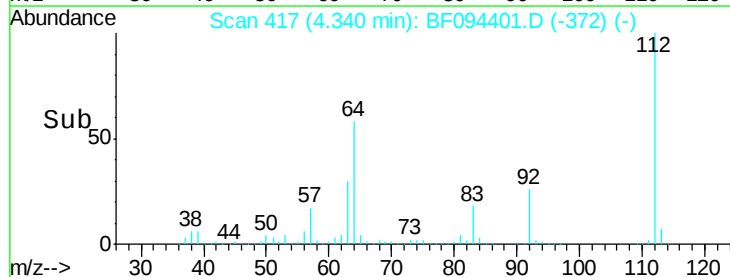
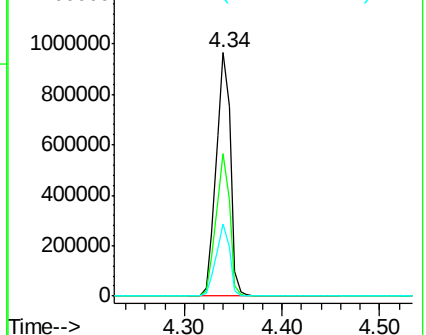
63 29.6 23.4 35.0

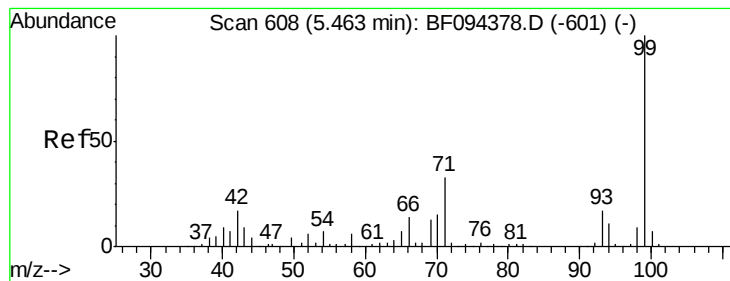


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.33 ng

RT: 5.42 min Scan# 601

Delta R.T. -0.04 min

Lab File: BF094401.D

Acq: 13 Apr 2017 20:12

Instrument :

BNA_F

ClientSampleId :

EME-BW-PLANTINGSOIL

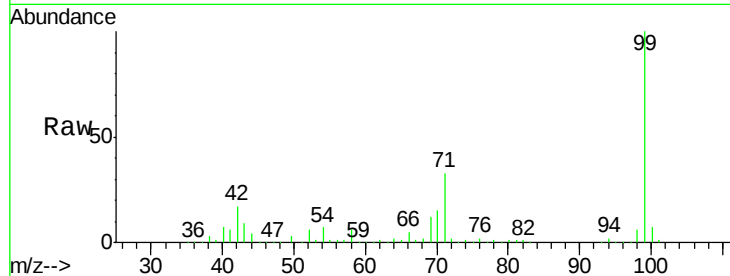
Tot Ion: 99 Resp: 1256820

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

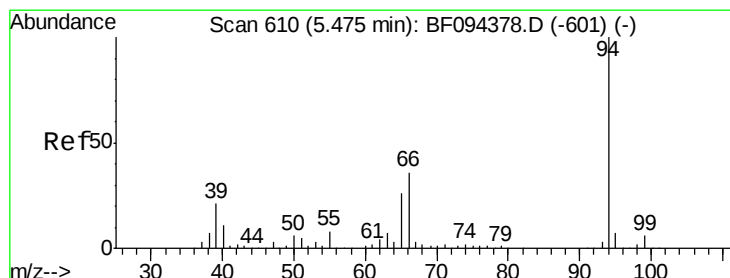
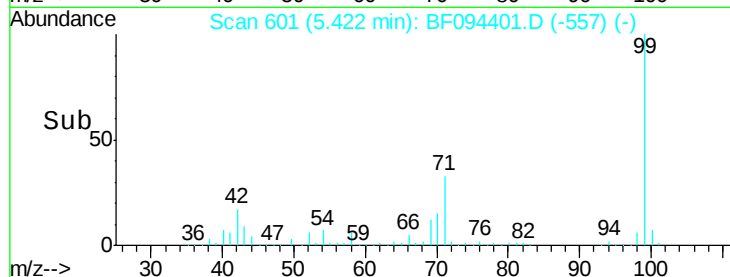
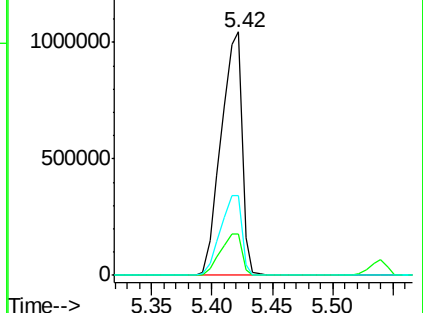
71 32.6 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 5.34 ng

RT: 5.43 min Scan# 602

Delta R.T. -0.05 min

Lab File: BF094401.D

Acq: 13 Apr 2017 20:12

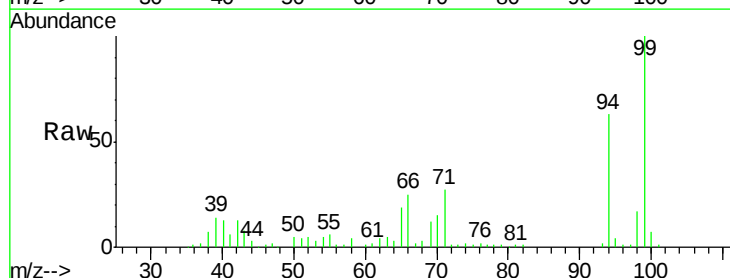
Tgt Ion: 94 Resp: 70454

Ion Ratio Lower Upper

94 100

65 29.4 9.9 49.9

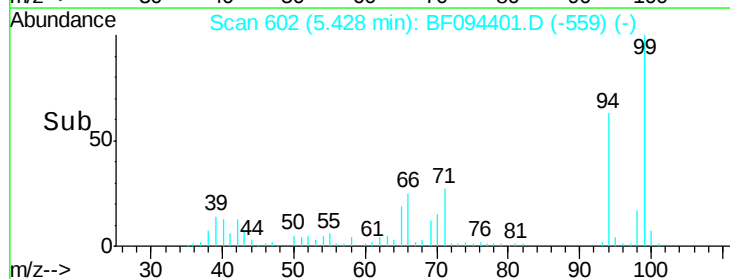
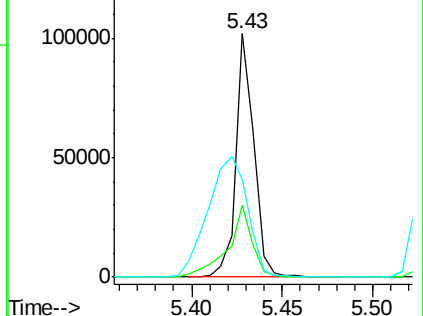
66 40.0 23.1 63.1

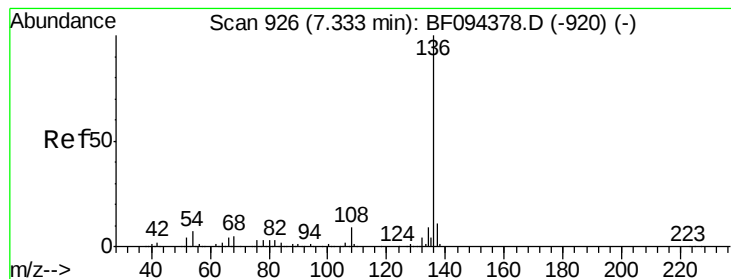


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.29 min Scan# 918

Delta R.T. -0.05 min

Lab File: BF094401.D

Acq: 13 Apr 2017 20:12

Instrument :

BNA_F

ClientSampleId :

EME-BW-PLANTINGSOIL

Tot Ion:136 Resp: 650147

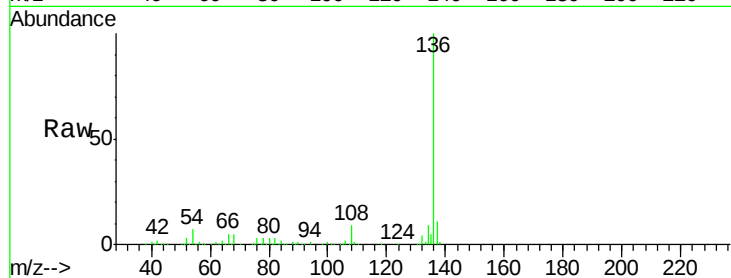
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.1 4.9 7.3

68 5.5 4.1 6.1

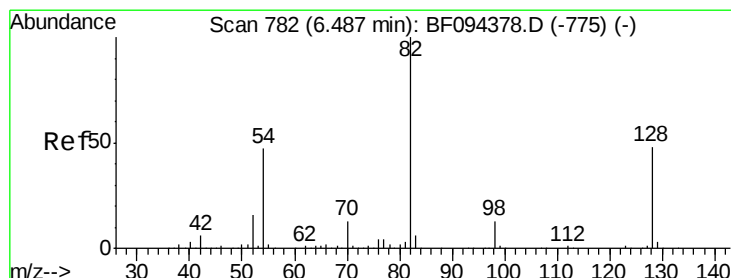
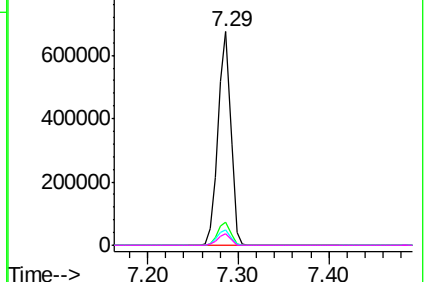
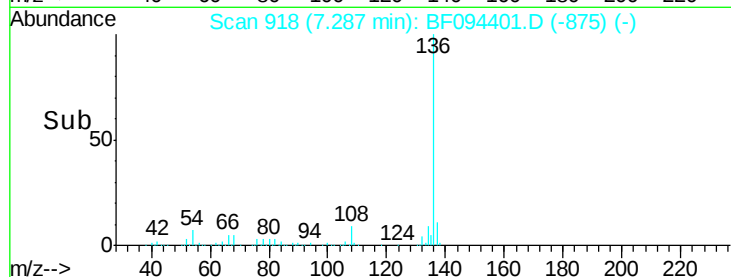


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 68.95 ng

RT: 6.44 min Scan# 774

Delta R.T. -0.05 min

Lab File: BF094401.D

Acq: 13 Apr 2017 20:12

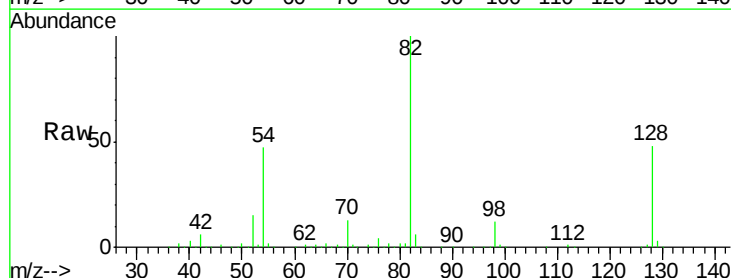
Tgt Ion: 82 Resp: 785546

Ion Ratio Lower Upper

82 100

128 48.3 34.0 51.0

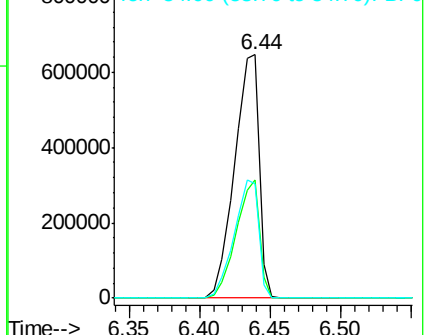
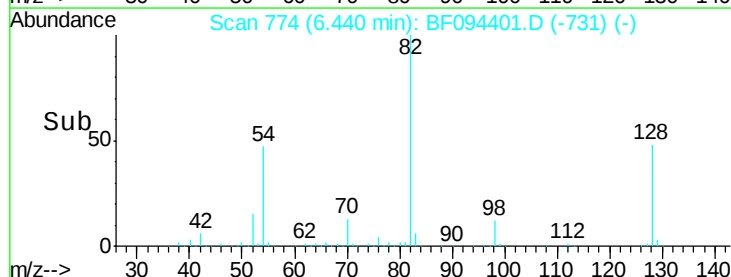
54 47.1 42.2 63.2

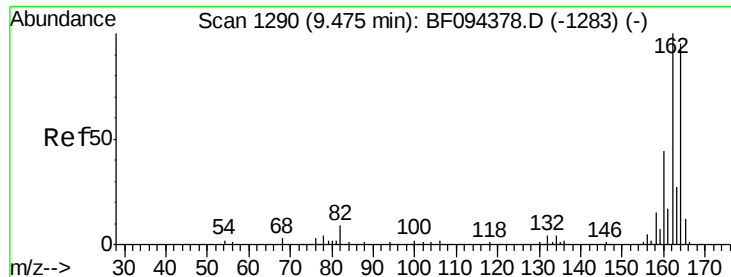


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.42 min Scan# 1281

Delta R.T. -0.05 min

Lab File: BF094401.D

Acq: 13 Apr 2017 20:12

Instrument :

BNA_F

ClientSampleId :

EME-BW-PLANTINGSOIL

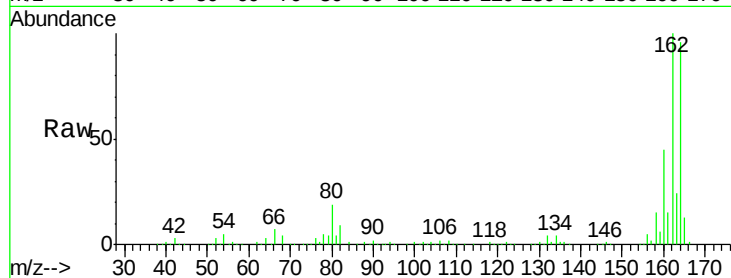
Tot Ion:164 Resp: 298337

Ion Ratio Lower Upper

164 100

162 104.4 82.6 123.8

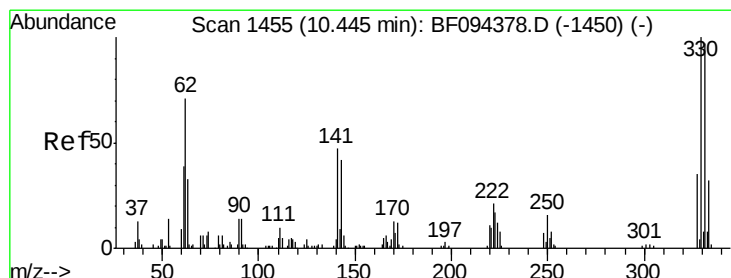
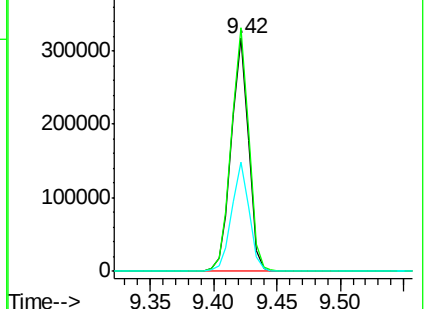
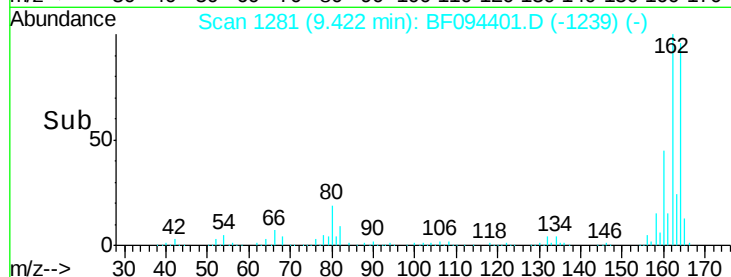
160 46.8 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 104.49 ng

RT: 10.40 min Scan# 1447

Delta R.T. -0.05 min

Lab File: BF094401.D

Acq: 13 Apr 2017 20:12

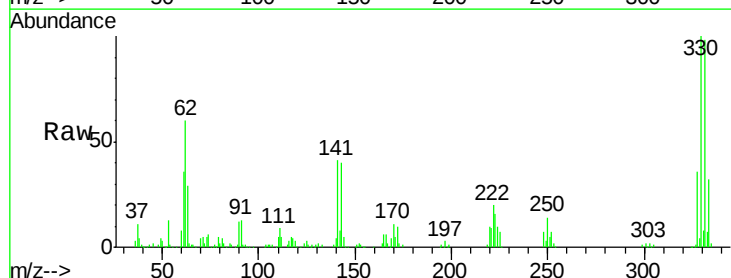
Tgt Ion:330 Resp: 246333

Ion Ratio Lower Upper

330 100

332 95.4 76.6 115.0

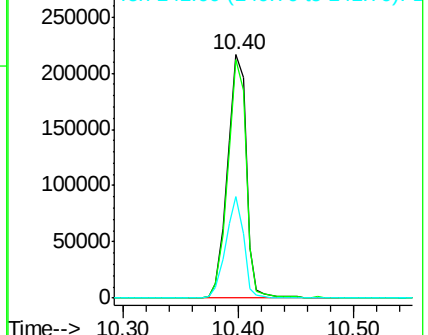
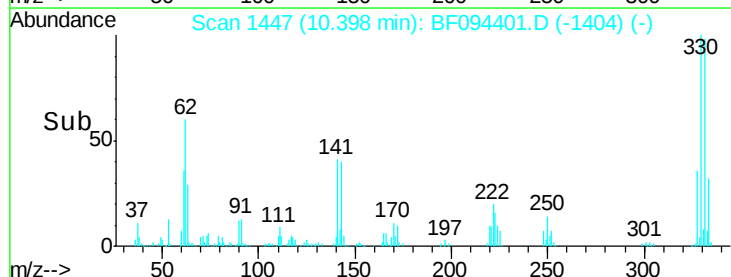
141 39.4 31.4 47.2

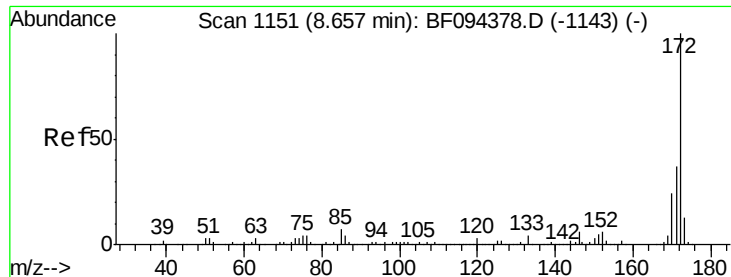


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

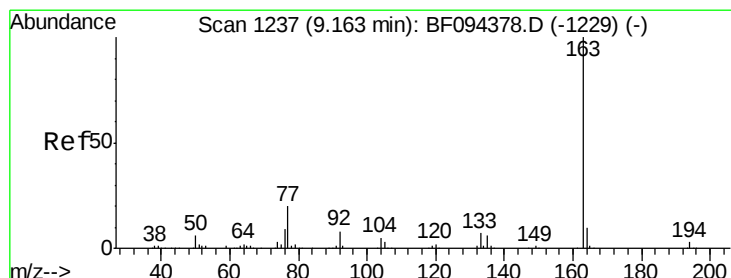
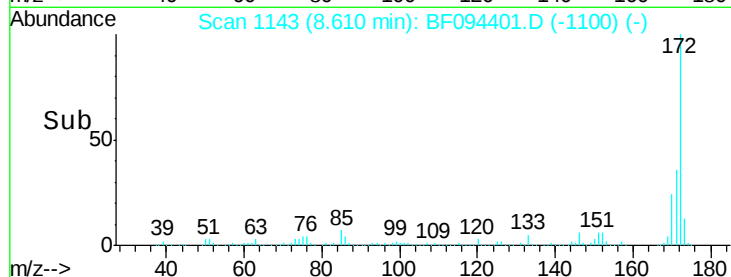
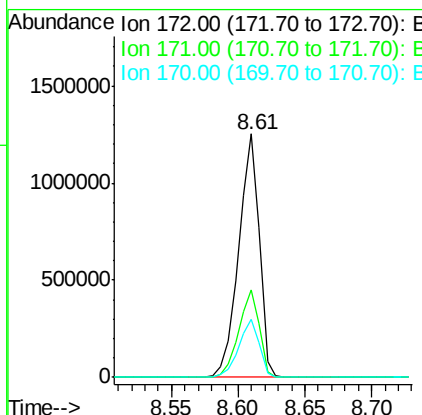
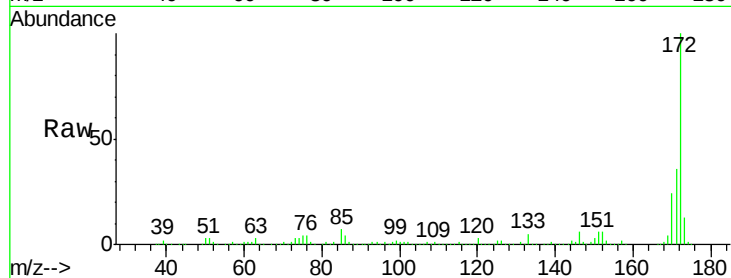




#44
2-Fluorobiphenyl
Concen: 68.97 ng
RT: 8.61 min Scan# 1143
Delta R.T. -0.05 min
Lab File: BF094401.D
Acq: 13 Apr 2017 20:12

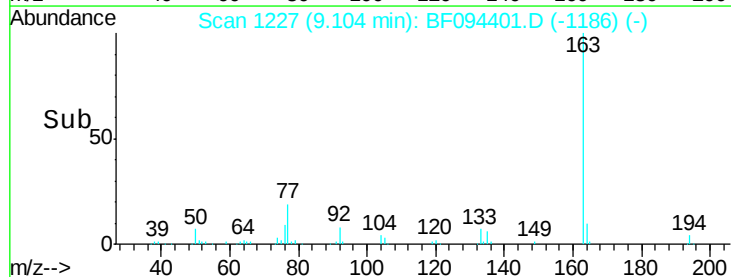
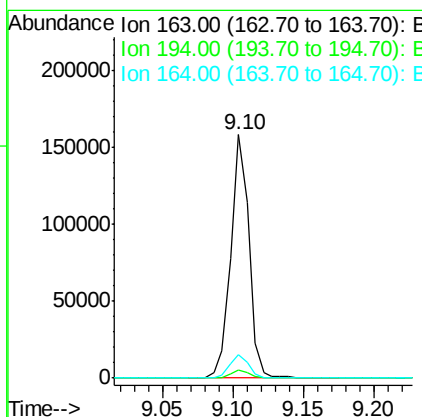
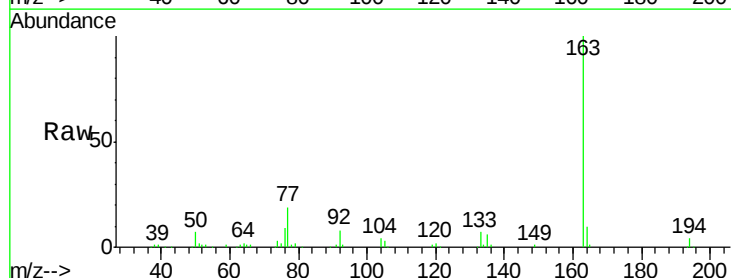
Instrument :
BNA_F
ClientSampleId :
EME-BW-PLANTINGSOIL

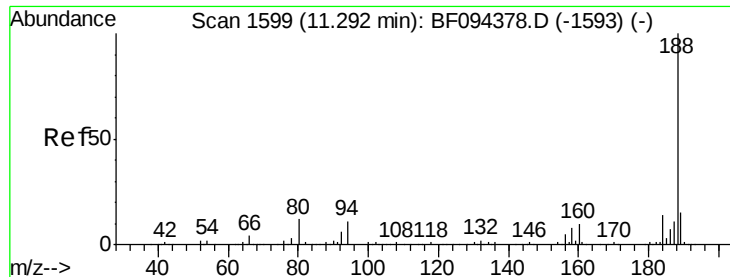
Tot Ion:172 Resp: 1348977
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.9 19.8 29.8



#49
Dimethylphthalate
Concen: 6.68 ng
RT: 9.10 min Scan# 1227
Delta R.T. -0.06 min
Lab File: BF094401.D
Acq: 13 Apr 2017 20:12

Tgt Ion:163 Resp: 141688
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.7 8.4 12.6

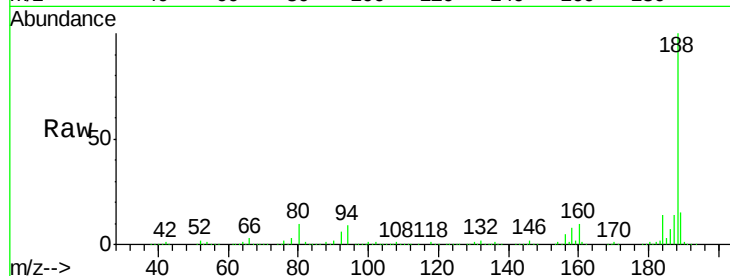




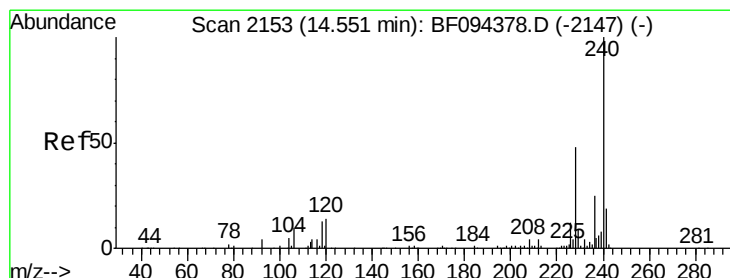
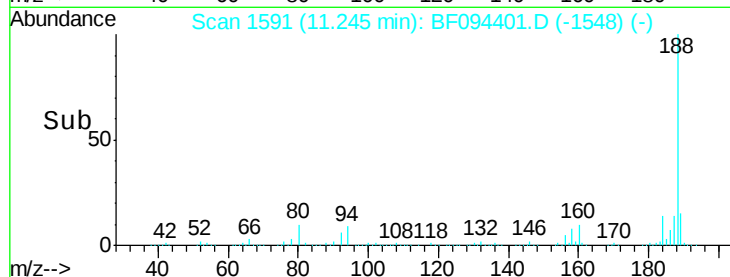
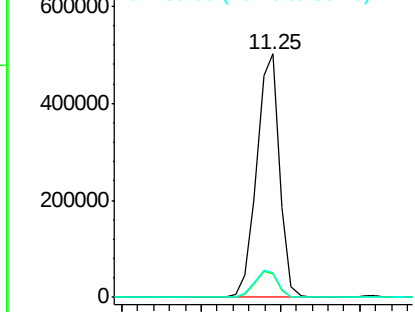
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 1591
Delta R.T. -0.05 min
Lab File: BF094401.D
Acq: 13 Apr 2017 20:12

Instrument :
BNA_F
ClientSampleId :
EME-BW-PLANTINGSOIL

Tot Ion:188 Resp: 502448
Ion Ratio Lower Upper
188 100
94 9.5 9.4 14.2
80 9.9 10.2 15.2#

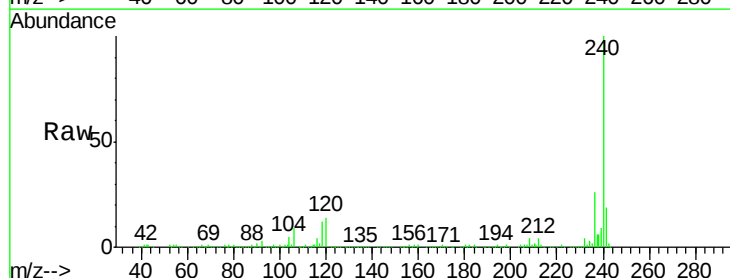


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

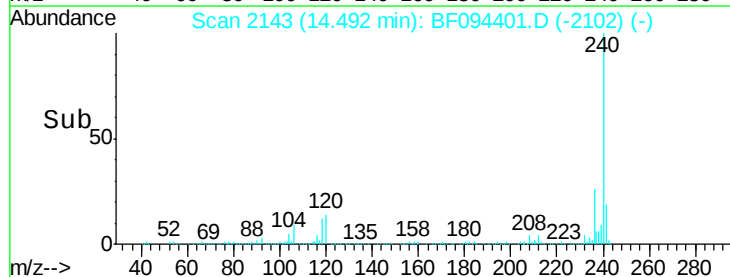
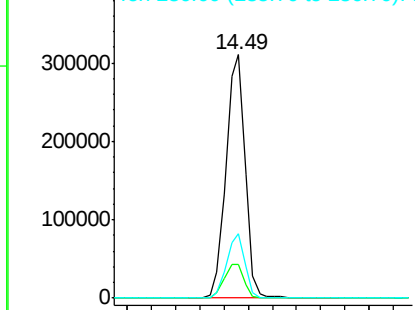


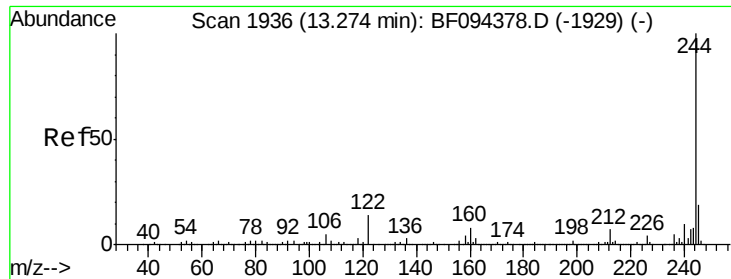
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.49 min Scan# 2143
Delta R.T. -0.06 min
Lab File: BF094401.D
Acq: 13 Apr 2017 20:12

Tgt Ion:240 Resp: 341786
Ion Ratio Lower Upper
240 100
120 13.7 5.8 8.8#
236 26.3 20.5 30.7



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

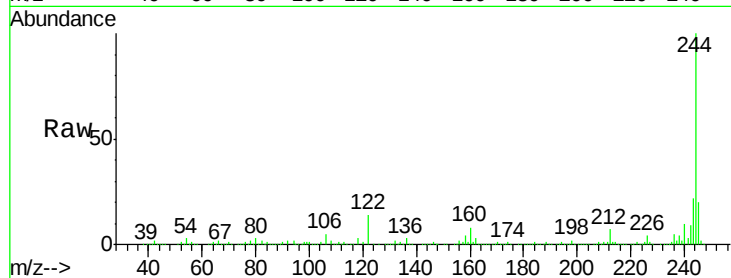




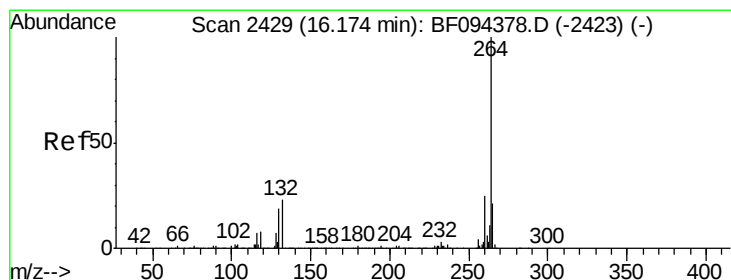
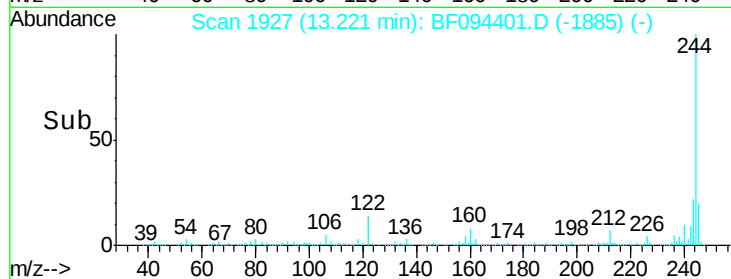
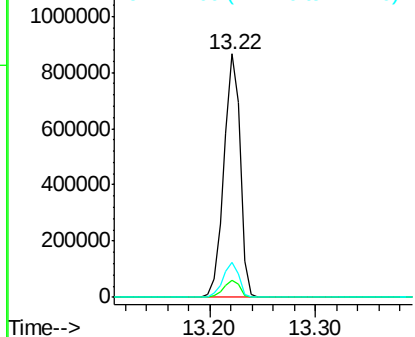
#78
 Terphenyl-d14
 Concen: 60.92 ng
 RT: 13.22 min Scan# 1927
 Delta R.T. -0.05 min
 Lab File: BF094401.D
 Acq: 13 Apr 2017 20:12

Instrument :
 BNA_F
 ClientSampleId :
 EME-BW-PLANTINGSOIL

Tot Ion:244 Resp: 928979
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.2 10.3 15.5

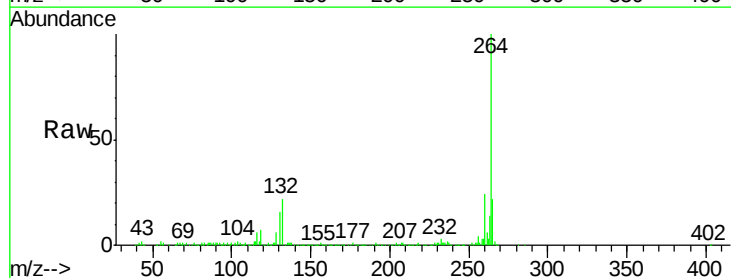


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.12 min Scan# 2419
 Delta R.T. -0.06 min
 Lab File: BF094401.D
 Acq: 13 Apr 2017 20:12

Tgt Ion:264 Resp: 286309
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.8 17.2 25.8



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

