

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
 Data File : BF090330.D
 Acq On : 30 Sep 2016 23:33
 Operator : UM/SJ
 Sample : H5036-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-PLANTING-SOIL

Quant Time: Oct 01 00:05:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 30 23:14:34 2016
 Response via : Initial Calibration

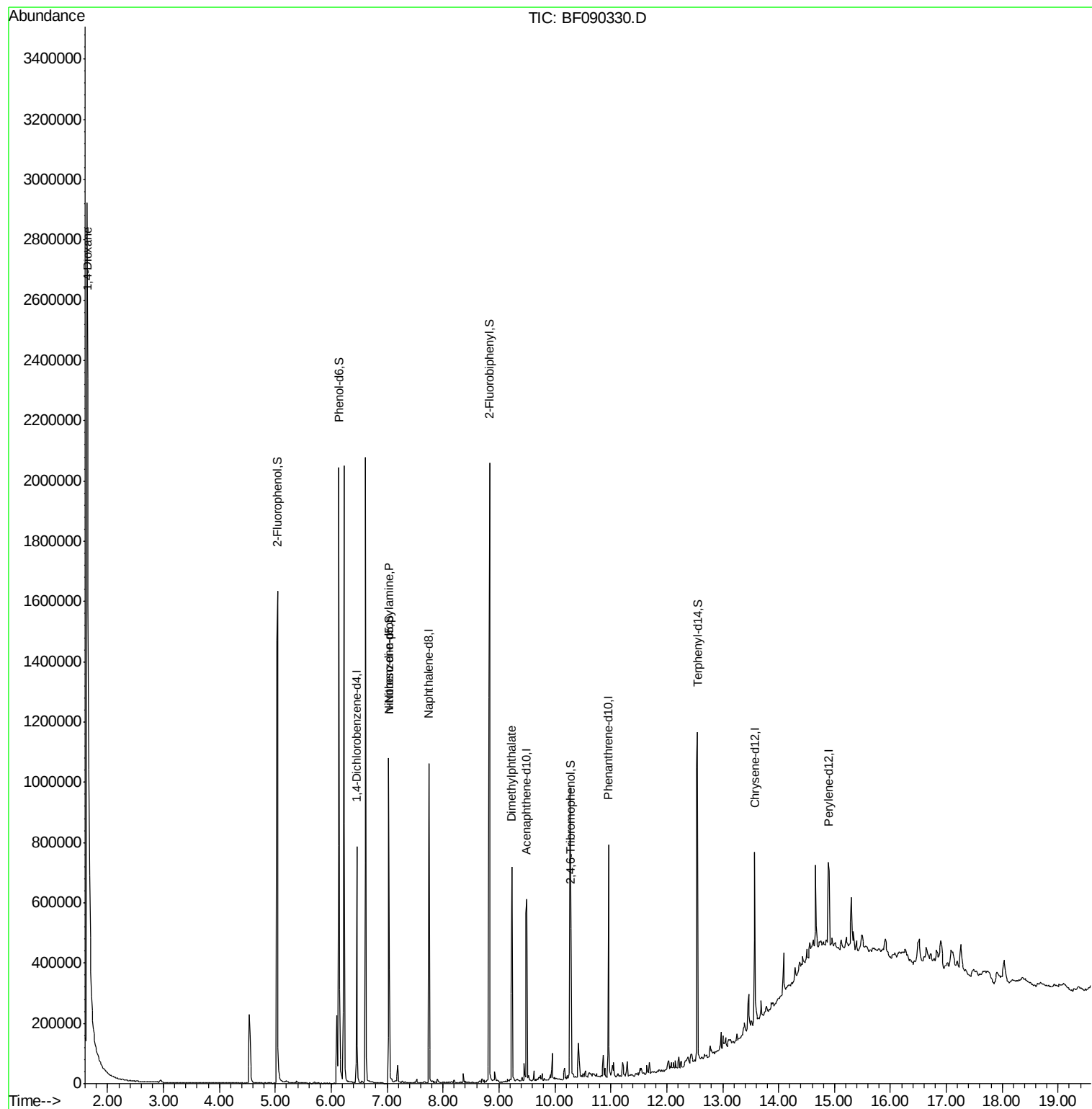
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	118546	20.00	ng	0.00
21) Naphthalene-d8	7.75	136	451592	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	198424	20.00	ng	0.01
63) Phenanthrene-d10	10.96	188	259281	20.00	ng	0.01
75) Chrysene-d12	13.58	240	234123	20.00	ng	0.01
86) Perylene-d12	14.90	264	156033	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	768197	105.63	ng	0.05
7) Phenol-d6	6.14	99	907597	101.05	ng	0.02
23) Nitrobenzene-d5	7.03	82	434165	55.73	ng	0.00
41) 2,4,6-Tribromophenol	10.28	330	146422	86.01	ng	0.01
44) 2-Fluorobiphenyl	8.83	172	845282	83.63	ng	0.01
78) Terphenyl-d14	12.55	244	501524	54.39	ng	0.01
Target Compounds						
2) 1,4-Dioxane	1.63	88	196473	49.79	ng	# 26
19) n-Nitroso-di-n-propylamine	7.03	70	50390	9.55	ng	# 82
49) Dimethylphthalate	9.23	163	347574	27.50	ng	99

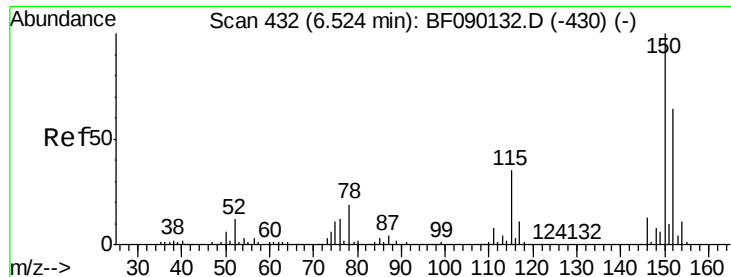
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF090330.D

Acq: 30 Sep 2016 23:33

Instrument :

BNA_F

ClientSampleId :

EME-PLANTING-SOIL

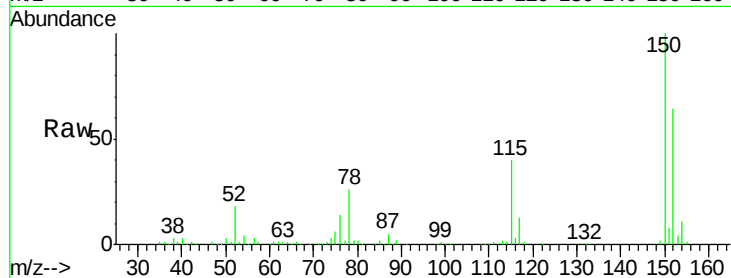
Tgt Ion: 152 Resp: 118546

Ion Ratio Lower Upper

152 100

150 157.0 128.9 193.3

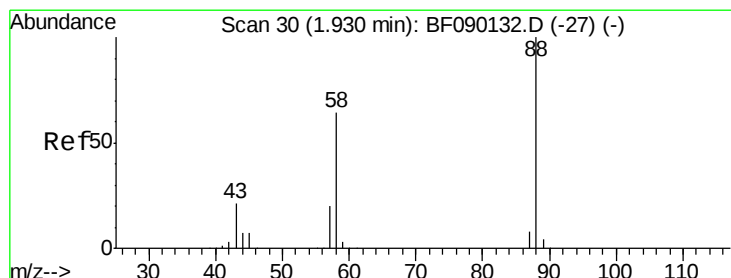
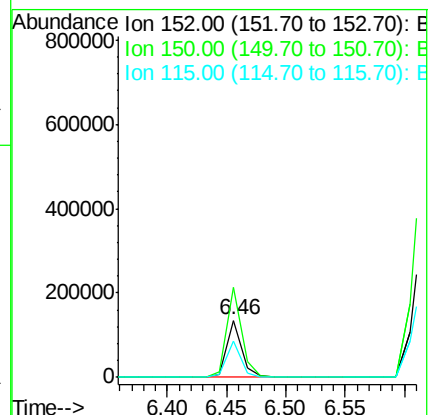
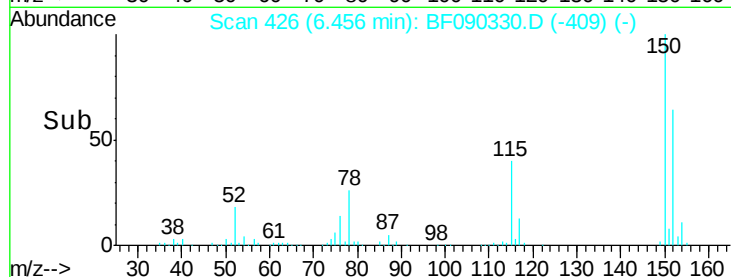
115 63.5 55.5 83.3



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



#2

1,4-Dioxane

Concen: 49.79 ng

RT: 1.63 min Scan# 4

Delta R.T. -0.16 min

Lab File: BF090330.D

Acq: 30 Sep 2016 23:33

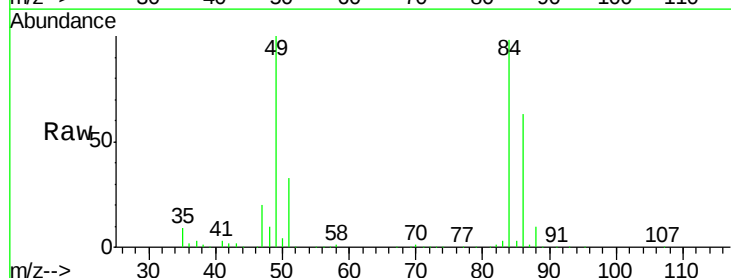
Tgt Ion: 88 Resp: 196473

Ion Ratio Lower Upper

88 100

58 0.0 53.4 80.0#

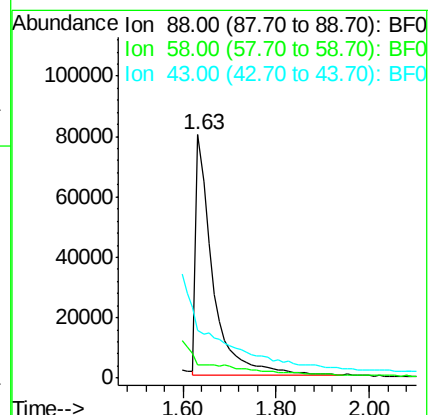
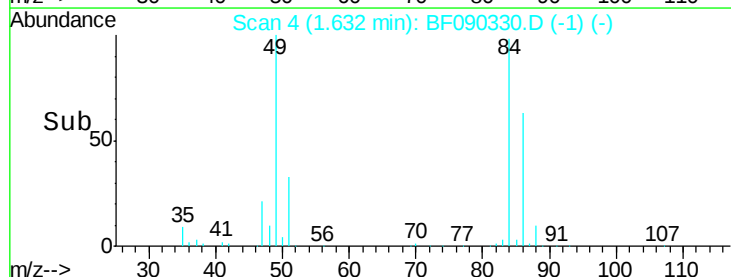
43 0.0 16.5 24.7#

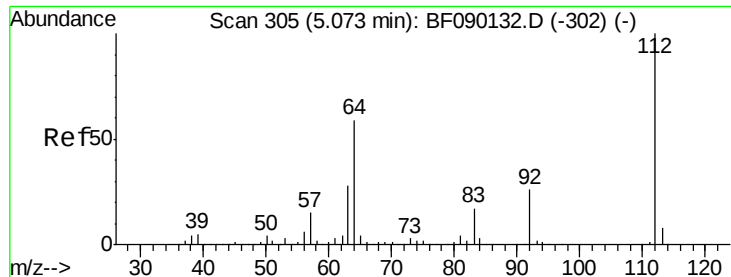


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 105.63 ng

RT: 5.04 min Scan# 302

Delta R.T. 0.05 min

Lab File: BF090330.D

Acq: 30 Sep 2016 23:33

Instrument :

BNA_F

ClientSampleId :

EME-PLANTING-SOIL

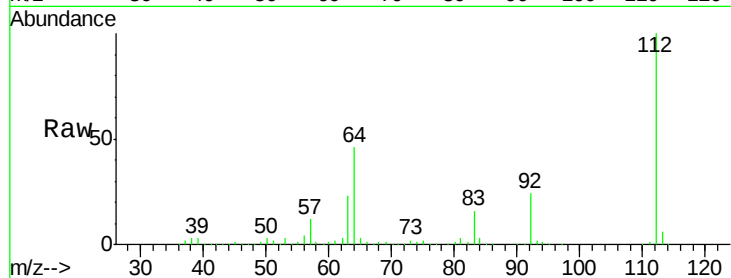
Tgt Ion: 112 Resp: 768197

Ion Ratio Lower Upper

112 100

64 46.4 39.8 59.6

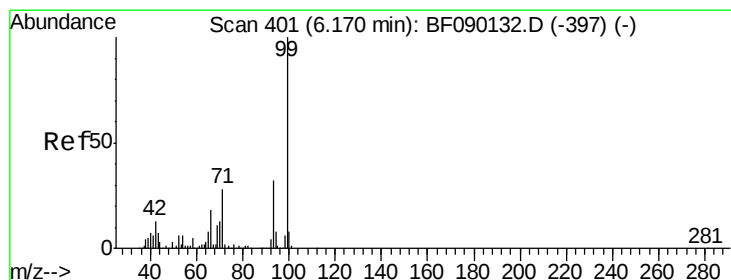
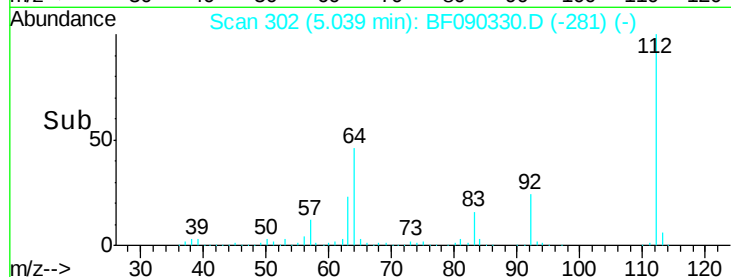
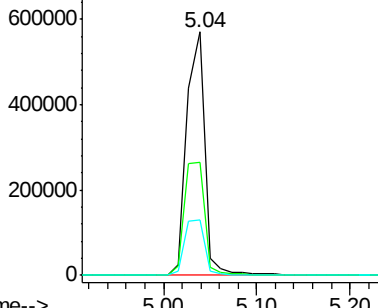
63 22.6 18.9 28.3



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: 101.05 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.02 min

Lab File: BF090330.D

Acq: 30 Sep 2016 23:33

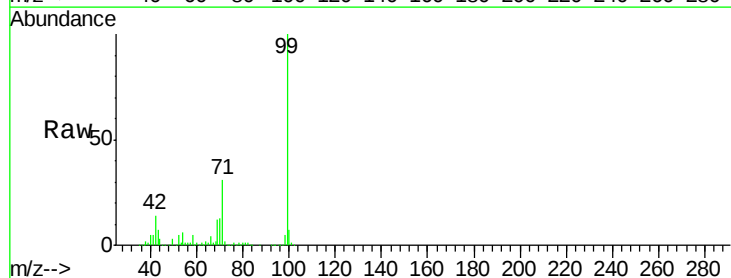
Tgt Ion: 99 Resp: 907597

Ion Ratio Lower Upper

99 100

42 14.0 10.6 15.8

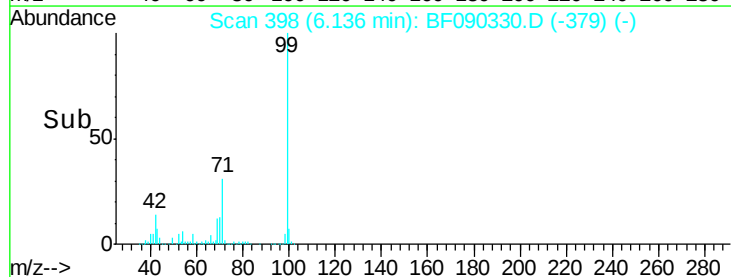
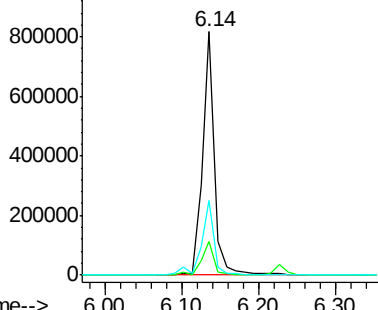
71 30.8 23.0 34.6

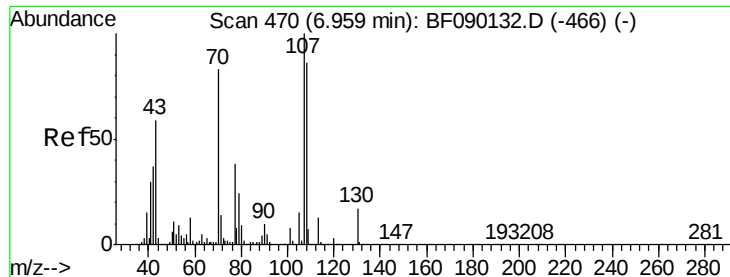


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

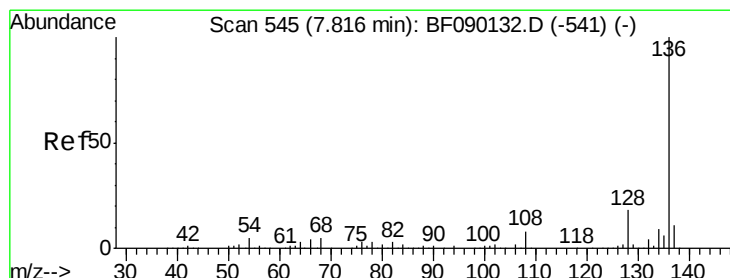
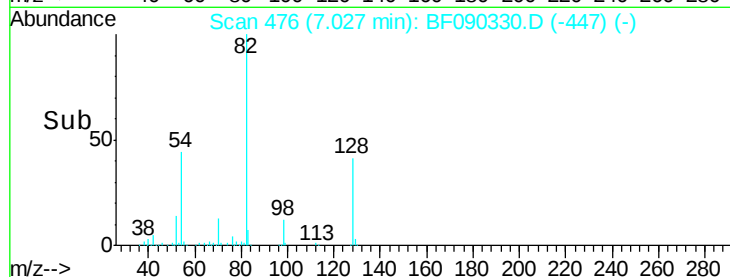
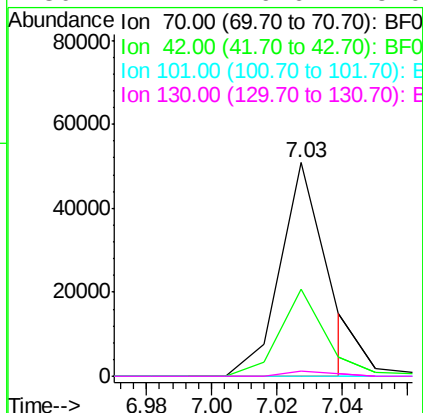
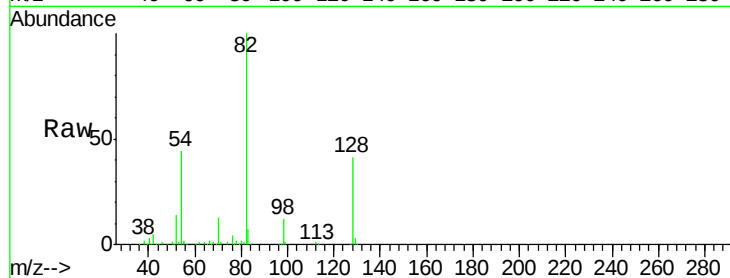




#19
n-Nitroso-di-n-propylamine
Concen: 9.55 ng
RT: 7.03 min Scan# 476
Delta R.T. 0.14 min
Lab File: BF090330.D
Acq: 30 Sep 2016 23:33

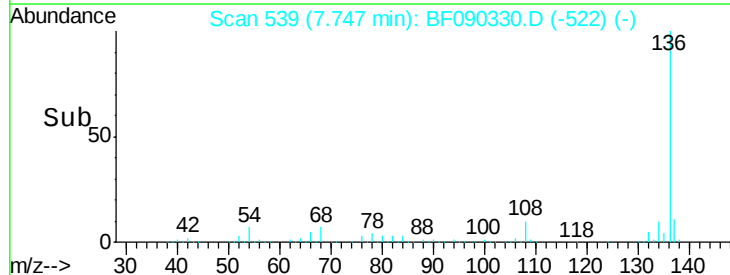
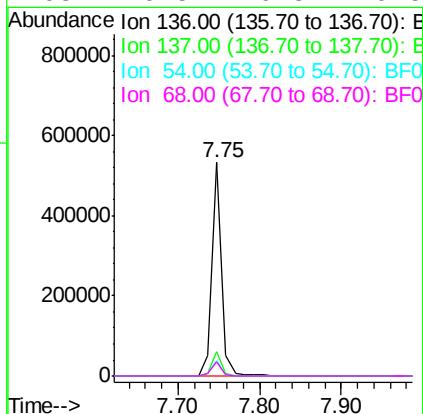
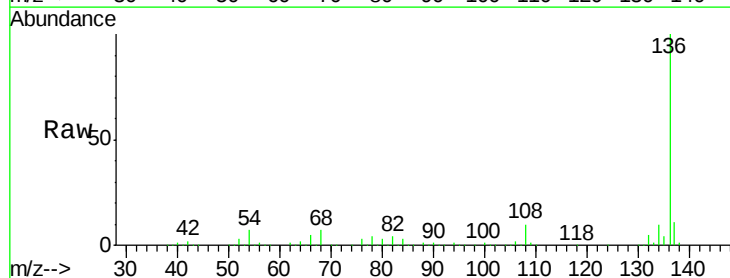
Instrument :
BNA_F
ClientSampleId :
EME-PLANTING-SOIL

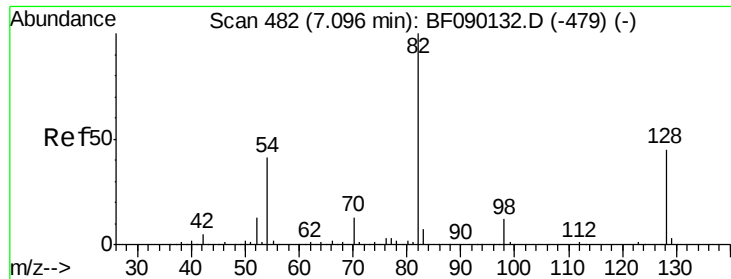
Tgt Ion: 70 Resp: 50390
Ion Ratio Lower Upper
70 100
42 40.5 35.1 52.7
101 0.0 7.5 11.3#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF090330.D
Acq: 30 Sep 2016 23:33

Tgt Ion: 136 Resp: 451592
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 7.2 6.4 9.6
68 6.5 6.3 9.5

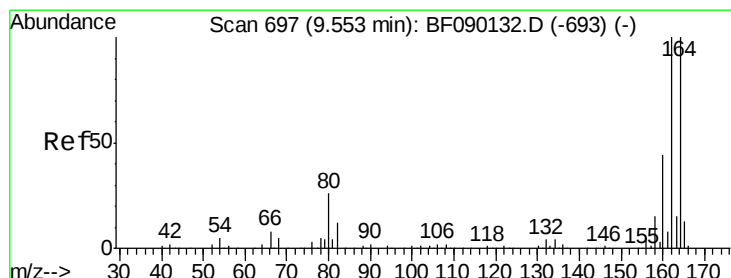
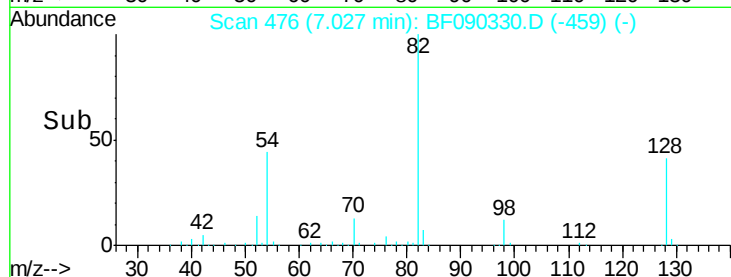
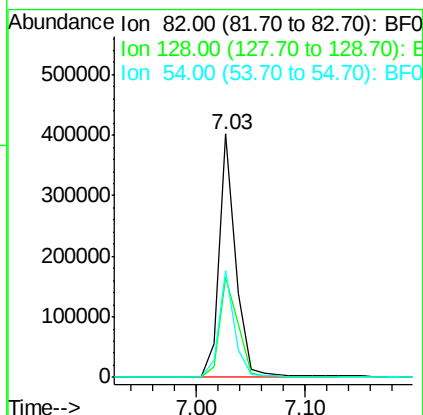
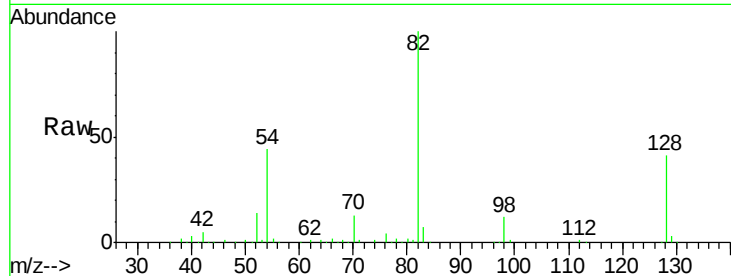




#23
 Nitrobenzene-d5
 Concen: 55.73 ng
 RT: 7.03 min Scan# 476
 Delta R.T. -0.00 min
 Lab File: BF090330.D
 Acq: 30 Sep 2016 23:33

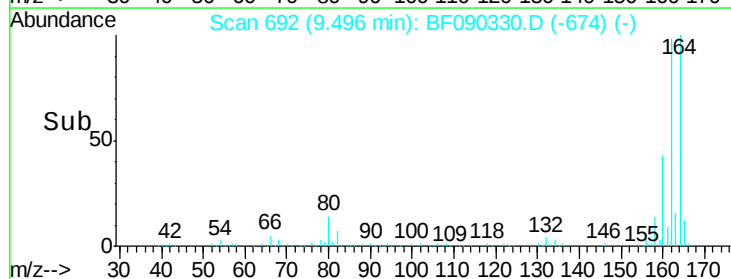
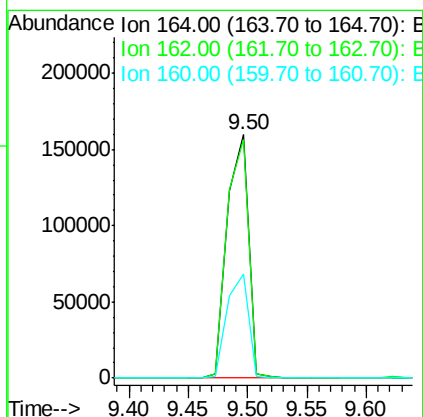
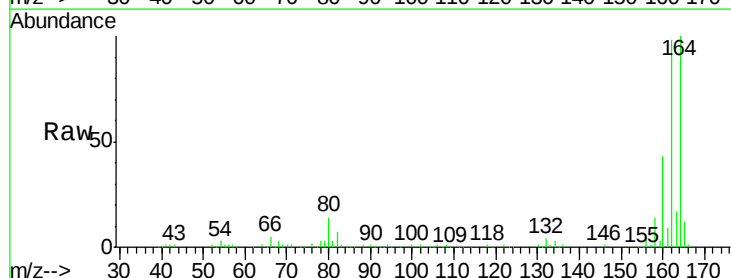
Instrument :
 BNA_F
 ClientSampleId :
 EME-PLANTING-SOIL

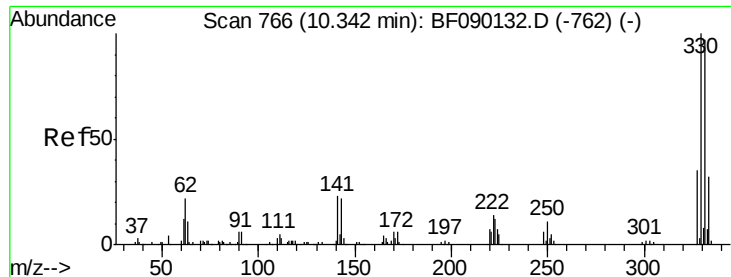
Tgt Ion: 82 Resp: 434165
 Ion Ratio Lower Upper
 82 100
 128 41.2 37.5 56.3
 54 44.0 31.9 47.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 692
 Delta R.T. 0.01 min
 Lab File: BF090330.D
 Acq: 30 Sep 2016 23:33

Tgt Ion: 164 Resp: 198424
 Ion Ratio Lower Upper
 164 100
 162 97.7 81.4 122.2
 160 42.6 36.6 54.8

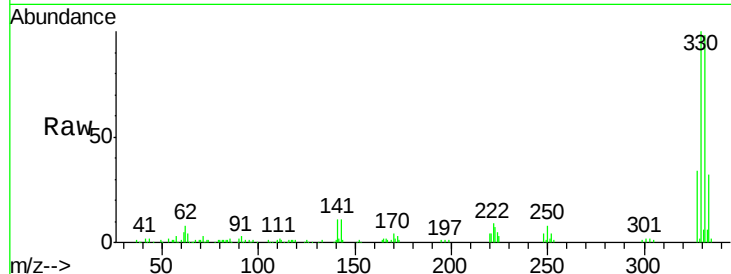




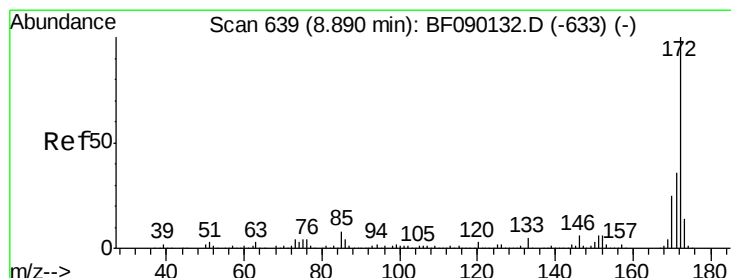
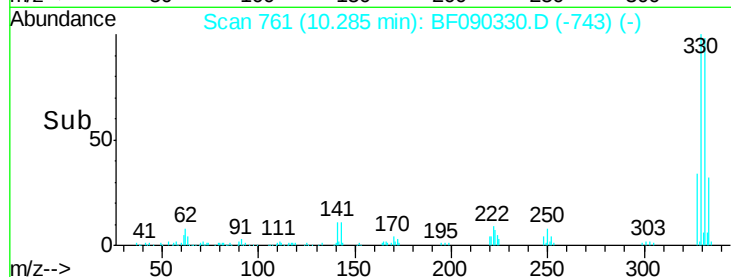
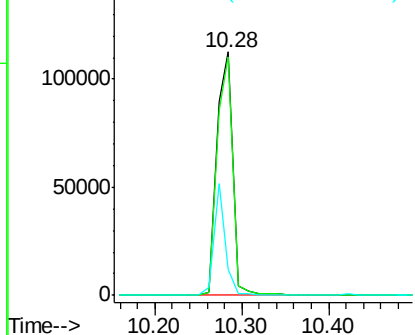
#41
 2,4,6-Tribromophenol
 Concen: 86.01 ng
 RT: 10.28 min Scan# 761
 Delta R.T. 0.01 min
 Lab File: BF090330.D
 Acq: 30 Sep 2016 23:33

Instrument :
 BNA_F
 ClientSampleId :
 EME-PLANTING-SOIL

Tgt Ion:330 Resp: 146422
 Ion Ratio Lower Upper
 330 100
 332 96.8 78.1 117.1
 141 32.6 23.9 35.9

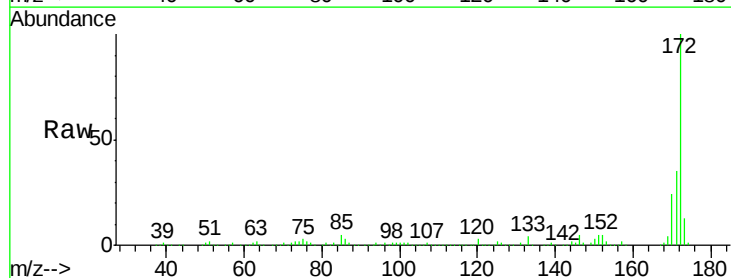


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

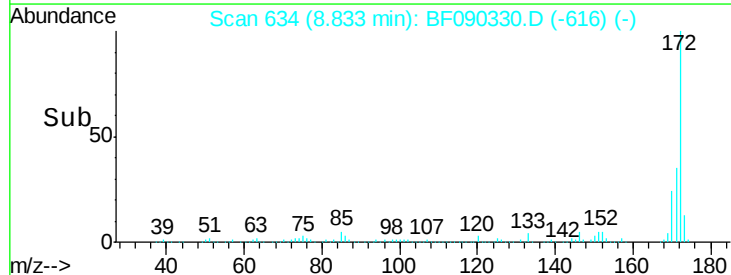
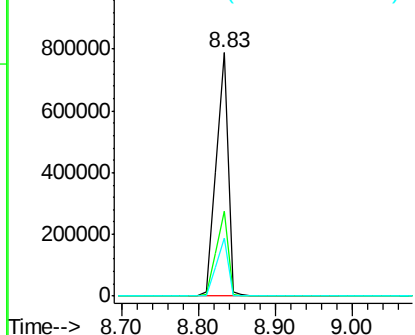


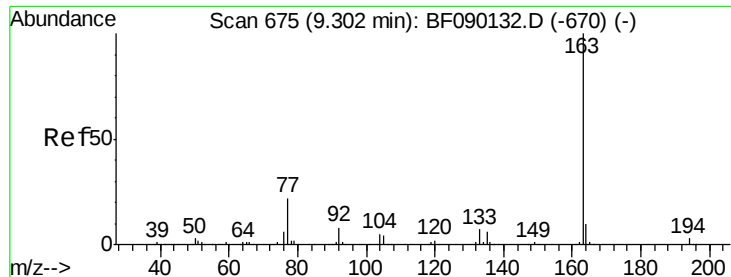
#44
 2-Fluorobiphenyl
 Concen: 83.63 ng
 RT: 8.83 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: BF090330.D
 Acq: 30 Sep 2016 23:33

Tgt Ion:172 Resp: 845282
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.2 43.8
 170 23.7 19.8 29.8



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: 27.50 ng

RT: 9.23 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF090330.D

Acq: 30 Sep 2016 23:33

Instrument :

BNA_F

ClientSampleId :

EME-PLANTING-SOIL

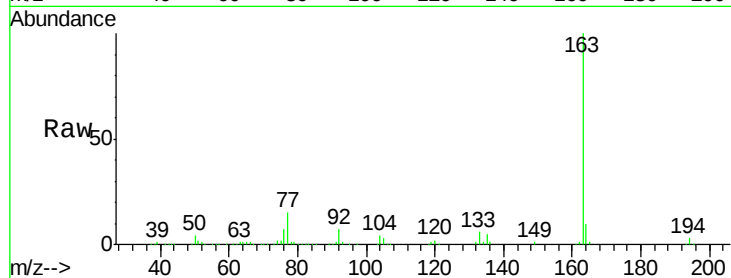
Tgt Ion:163 Resp: 347574

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

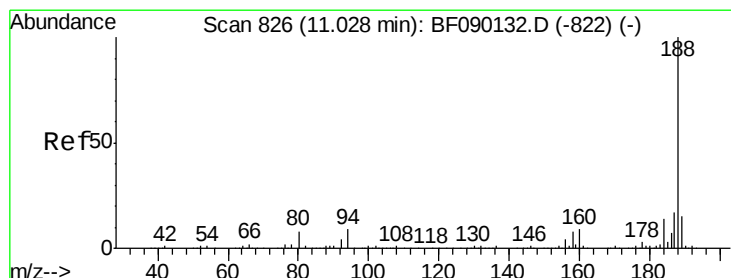
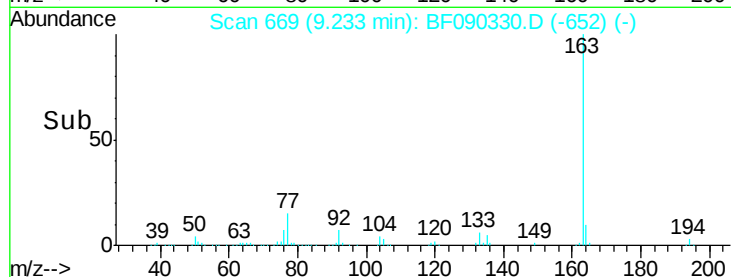
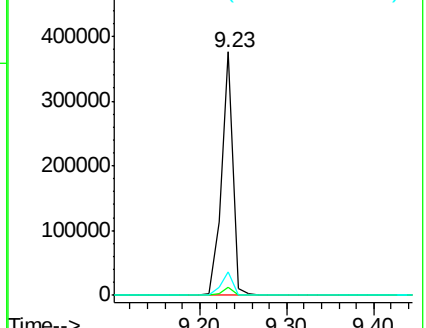
164 9.8 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.96 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF090330.D

Acq: 30 Sep 2016 23:33

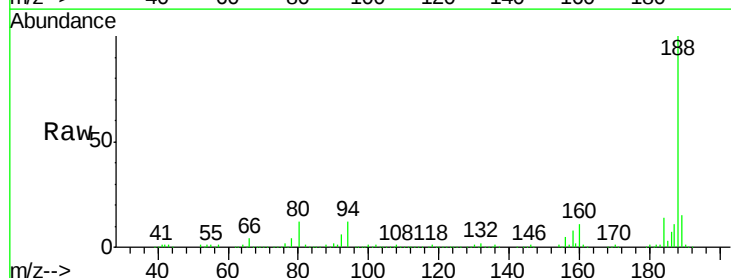
Tgt Ion:188 Resp: 259281

Ion Ratio Lower Upper

188 100

94 11.8 10.5 15.7

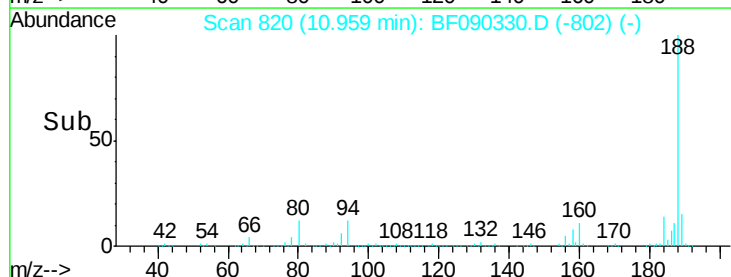
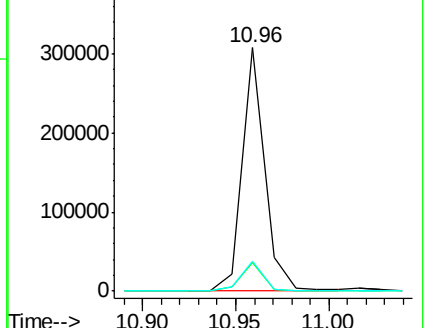
80 12.1 11.2 16.8

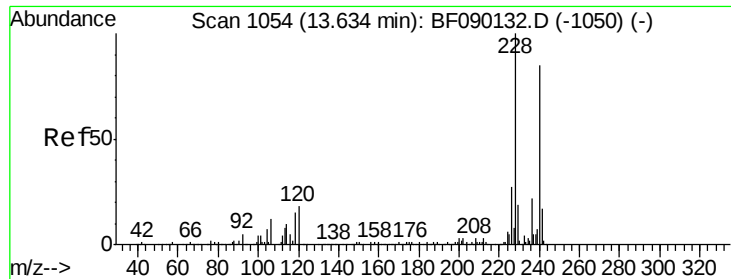


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.58 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF090330.D

Acq: 30 Sep 2016 23:33

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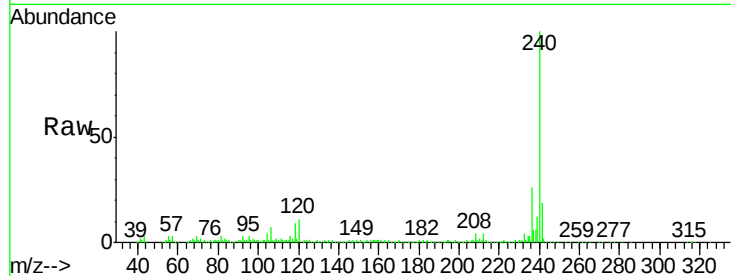
Tgt Ion:240 Resp: 234123

Ion Ratio Lower Upper

240 100

120 10.8 10.6 16.0

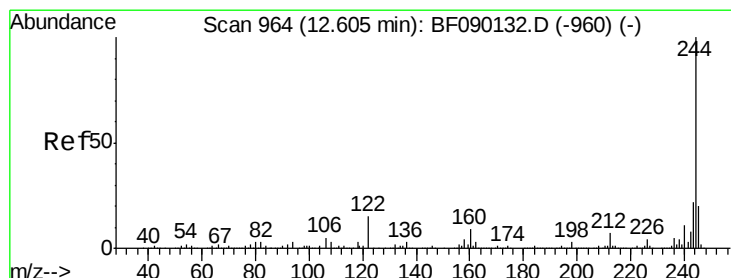
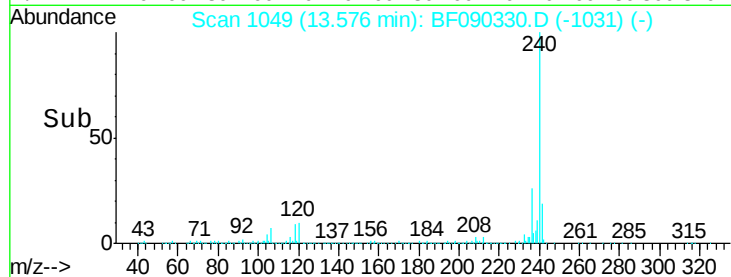
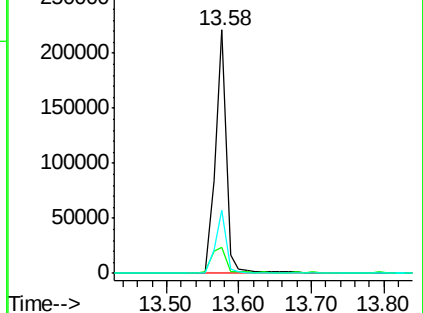
236 25.8 21.6 32.4



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: 54.39 ng

RT: 12.55 min Scan# 959

Delta R.T. 0.01 min

Lab File: BF090330.D

Acq: 30 Sep 2016 23:33

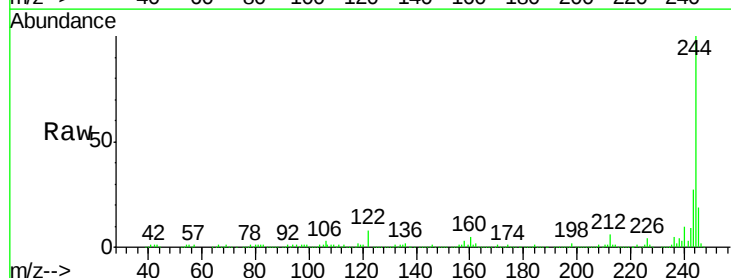
Tgt Ion:244 Resp: 501524

Ion Ratio Lower Upper

244 100

212 6.2 5.8 8.8

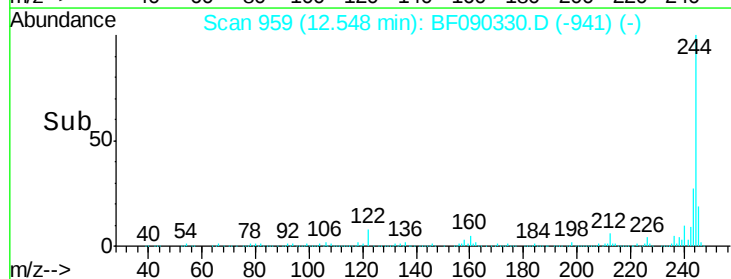
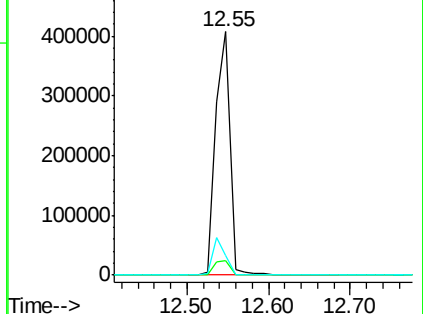
122 7.9 9.4 14.0#

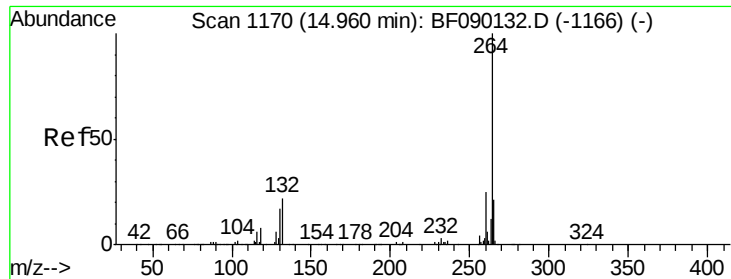


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

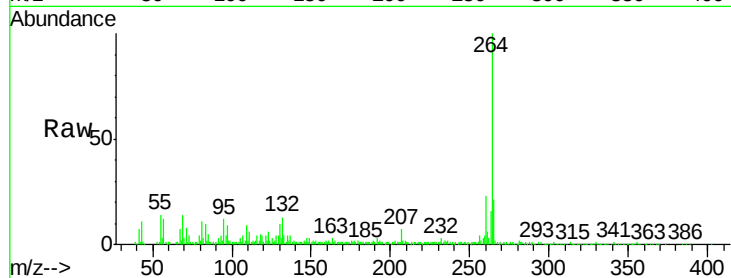




#86
Perylene-d12
Concen: 20.00 ng
RT: 14.90 min Scan# 1165
Delta R.T. 0.02 min
Lab File: BF090330.D
Acq: 30 Sep 2016 23:33

Instrument :
BNA_F
ClientSampleId :
EME-PLANTING-SOIL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.4	17.0	25.4



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

