

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
 Data File : BF090356.D
 Acq On : 4 Oct 2016 21:50
 Operator : UM/SJ
 Sample : H5036-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-PLANTING-SOIL

Quant Time: Oct 05 01:15:32 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 14:16:07 2016
 Response via : Initial Calibration

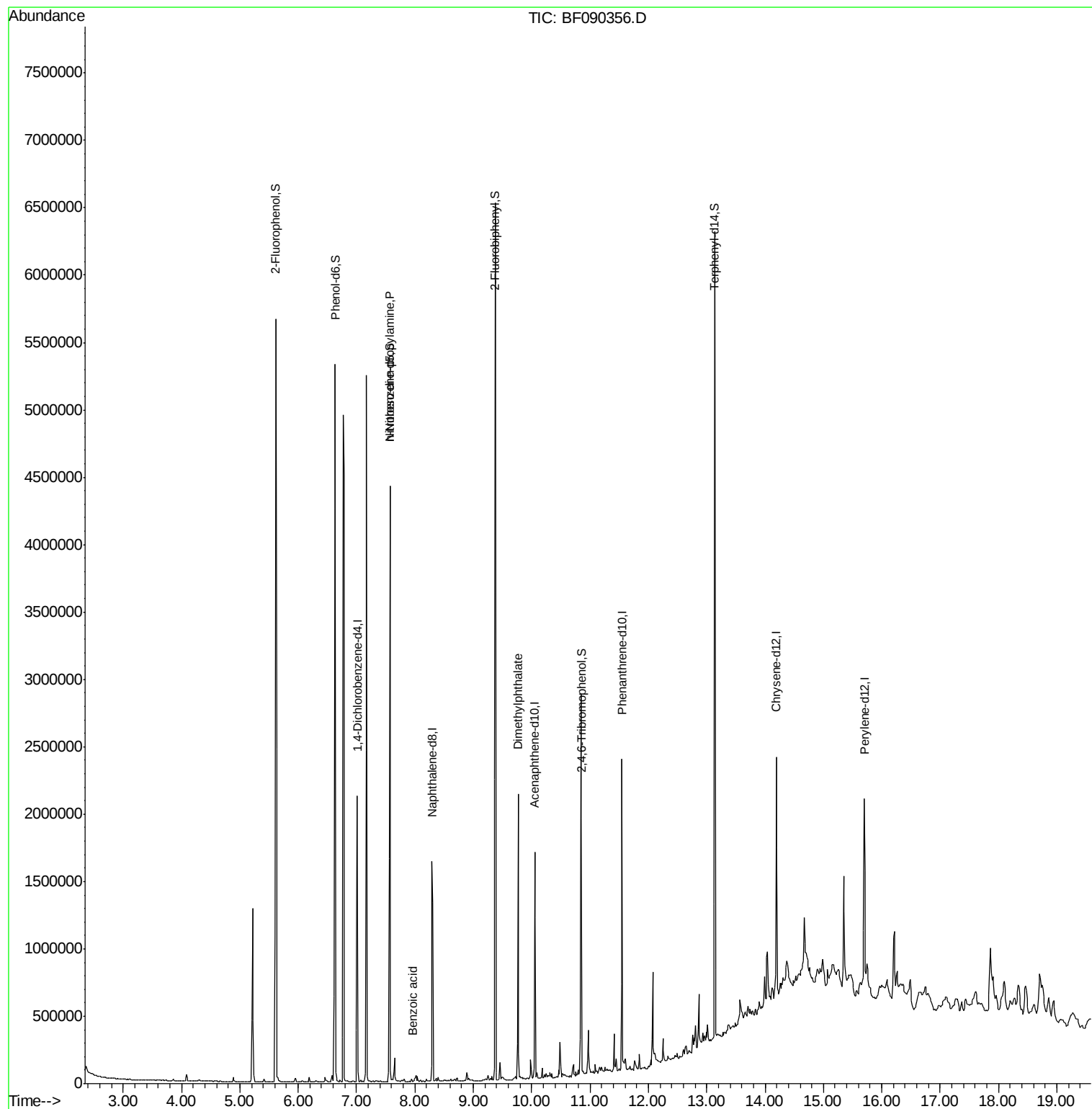
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	282692	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	991766	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	443093	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	776731	20.00	ng	0.00
75) Chrysene-d12	14.19	240	691474	20.00	ng	0.00
86) Perylene-d12	15.70	264	617940	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1788088	99.76	ng	0.00
7) Phenol-d6	6.63	99	2575409	114.95	ng	0.00
23) Nitrobenzene-d5	7.57	82	1515498	89.07	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	412049	107.07	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1947547	71.66	ng	0.00
78) Terphenyl-d14	13.14	244	1600195	53.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	211778	14.80	ng	# 65
32) Benzoic acid	7.97	122	545	5.31	ng	# 64
49) Dimethylphthalate	9.77	163	726623	27.70	ng	98

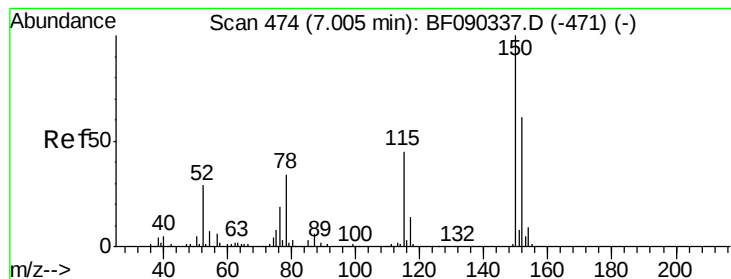
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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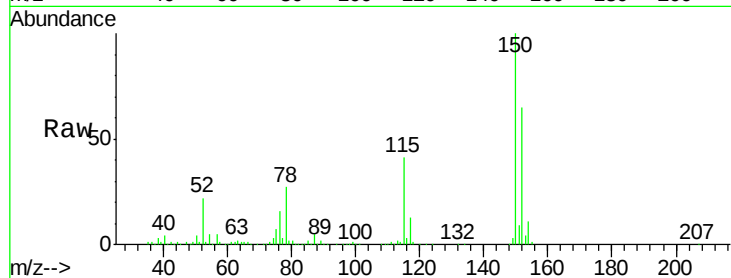




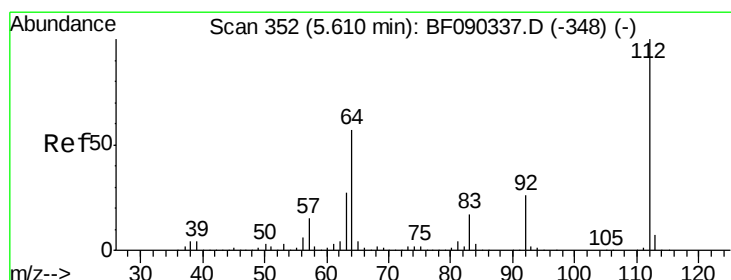
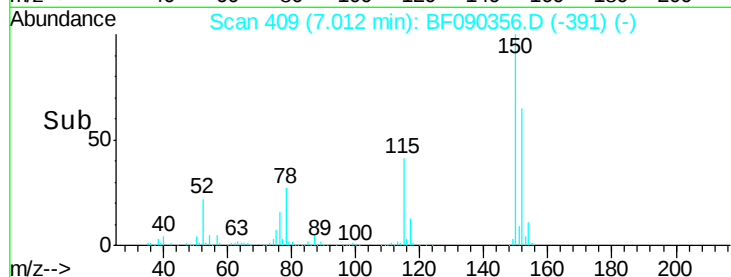
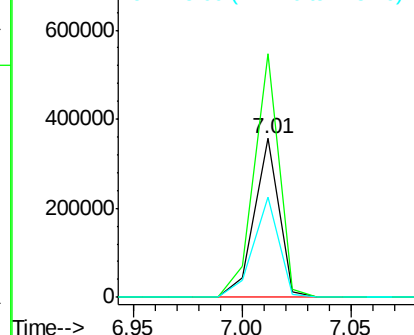
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.01 min Scan# 409
 Delta R.T. 0.01 min
 Lab File: BF090356.D
 Acq: 4 Oct 2016 21:50

Instrument :
 BNA_F
 ClientSampleId :
 EME-PLANTING-SOIL

Tgt Ion:152 Resp: 282692
 Ion Ratio Lower Upper
 152 100
 150 153.6 124.6 186.8
 115 63.0 46.2 69.4

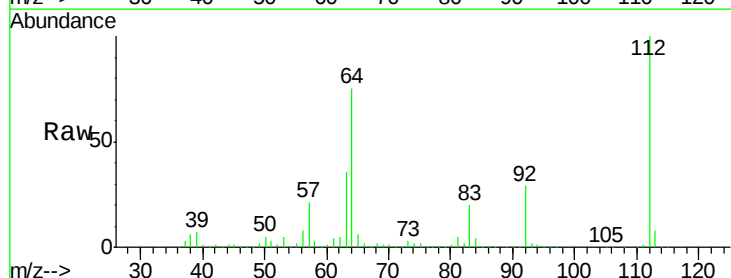


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

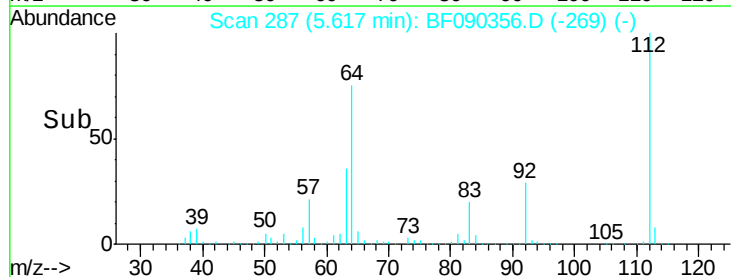
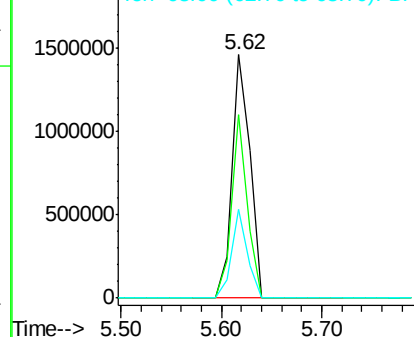


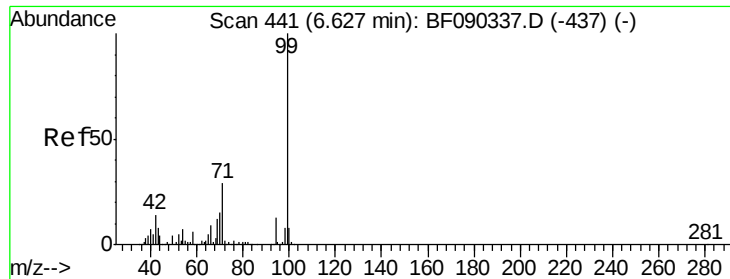
#5
 2-Fluorophenol
 Concen: 99.76 ng
 RT: 5.62 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: BF090356.D
 Acq: 4 Oct 2016 21:50

Tgt Ion:112 Resp: 1788088
 Ion Ratio Lower Upper
 112 100
 64 75.4 57.9 86.9
 63 36.3 29.6 44.4



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: 114.95 ng

RT: 6.63 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF090356.D

Acq: 4 Oct 2016 21:50

Instrument :

BNA_F

ClientSampleId :

EME-PLANTING-SOIL

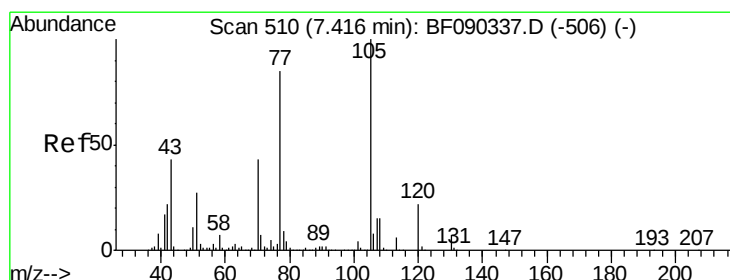
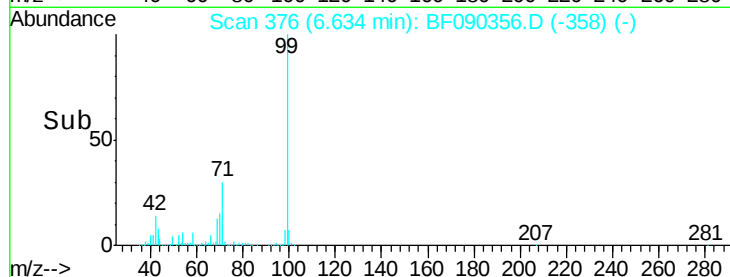
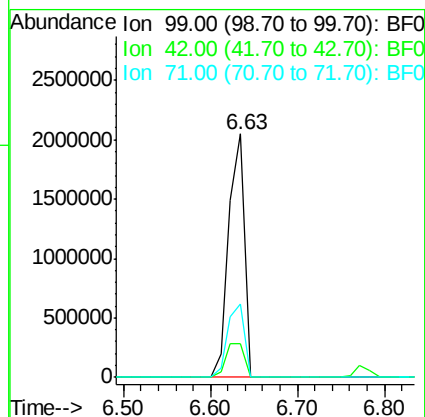
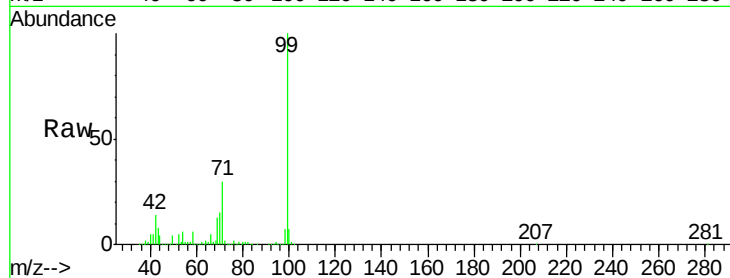
Tgt Ion: 99 Resp: 2575409

Ion Ratio Lower Upper

99 100

42 13.7 20.0 30.0#

71 30.0 27.9 41.9



#19

n-Nitroso-di-n-propylamine

Concen: 14.80 ng

RT: 7.57 min Scan# 458

Delta R.T. 0.16 min

Lab File: BF090356.D

Acq: 4 Oct 2016 21:50

Tgt Ion: 70 Resp: 211778

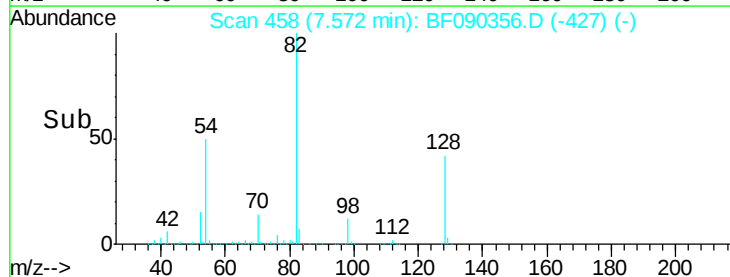
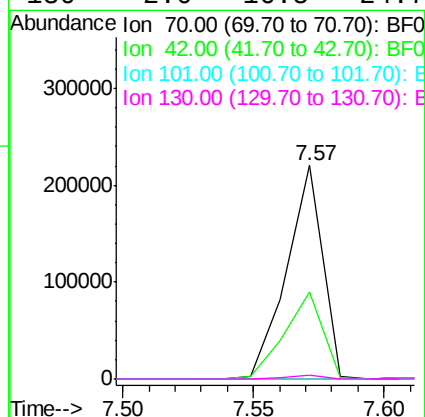
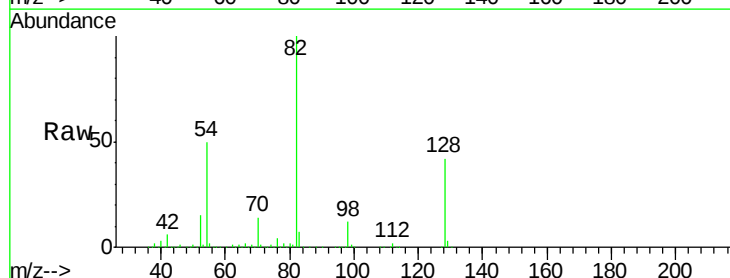
Ion Ratio Lower Upper

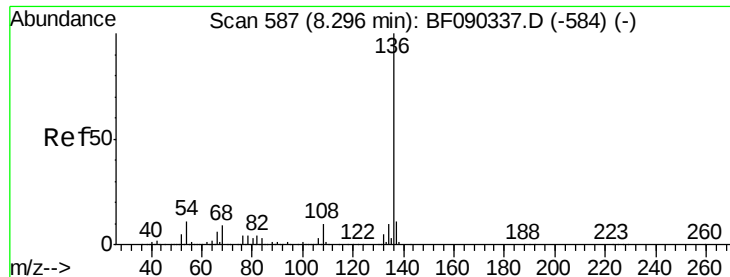
70 100

42 40.6 55.4 83.2#

101 0.0 7.6 11.4#

130 2.0 16.5 24.7#

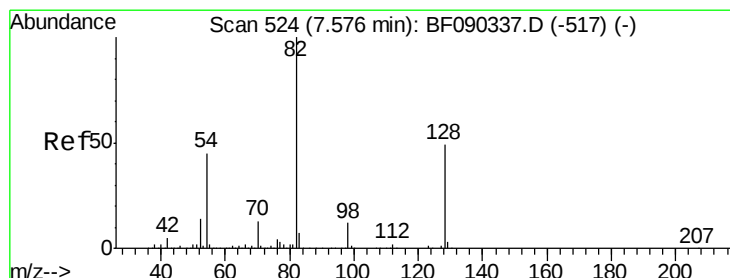
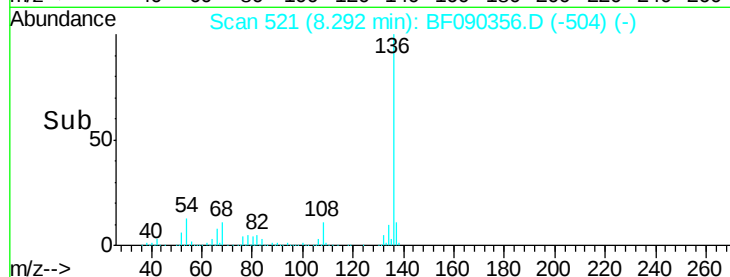
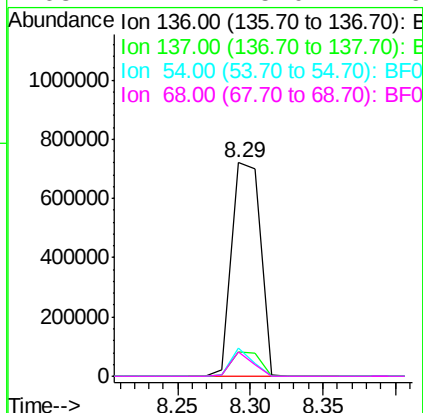
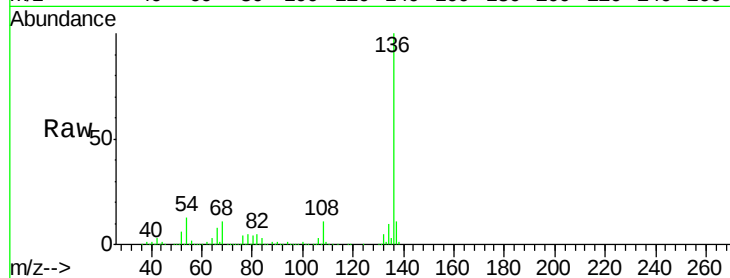




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.29 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF090356.D
Acq: 4 Oct 2016 21:50

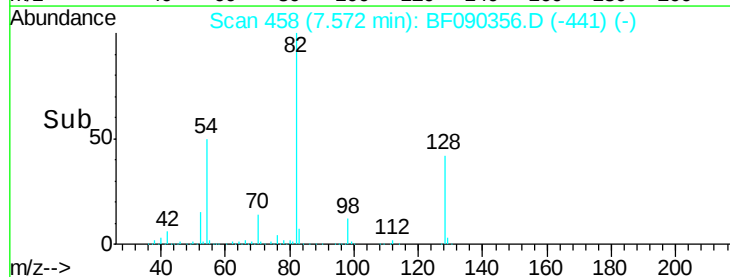
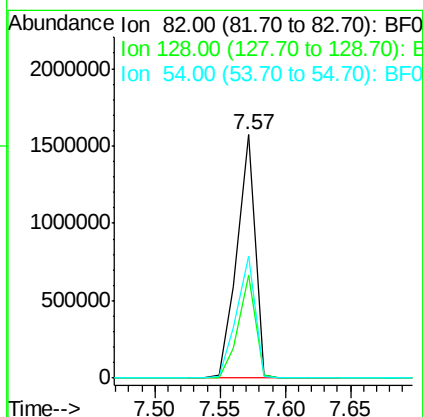
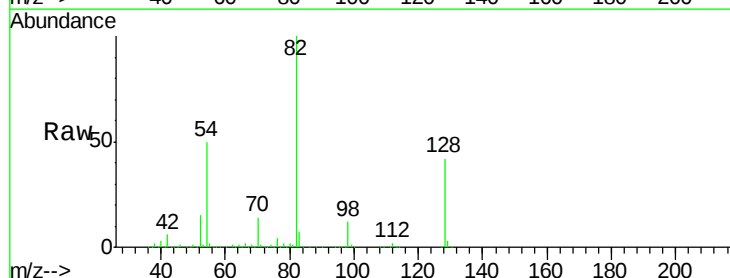
Instrument :
BNA_F
ClientSampleId :
EME-PLANTING-SOIL

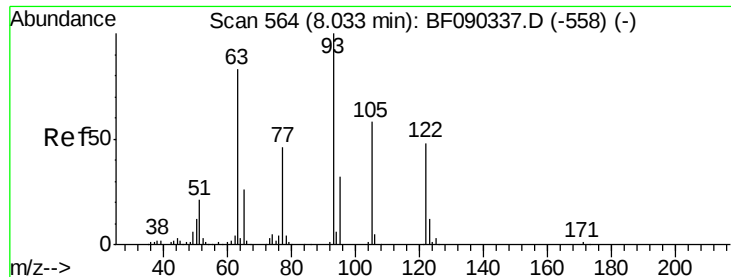
Tgt Ion:	136	Resp:	991766
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	13.4	6.6	10.0#
68	11.1	5.0	7.6#



#23
Nitrobenzene-d5
Concen: 89.07 ng
RT: 7.57 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF090356.D
Acq: 4 Oct 2016 21:50

Tgt Ion:	82	Resp:	1515498
Ion	Ratio	Lower	Upper
82	100		
128	42.0	40.0	60.0
54	49.9	42.6	64.0

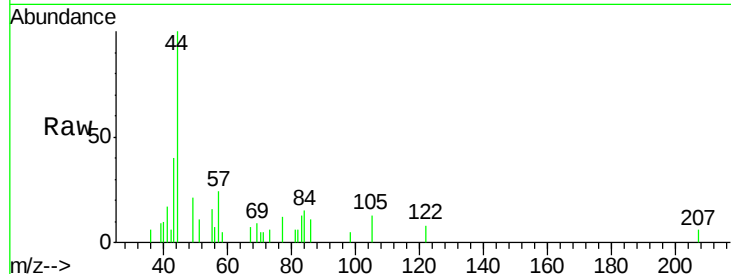




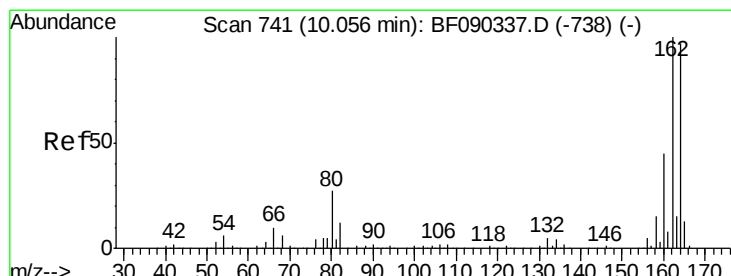
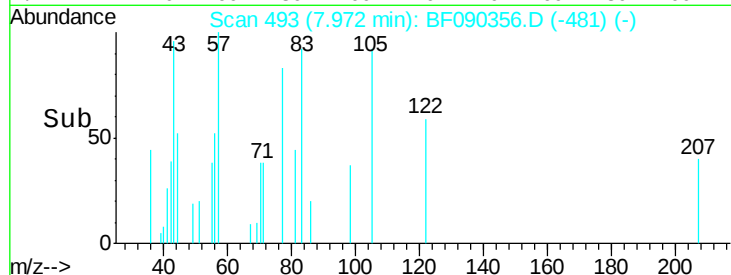
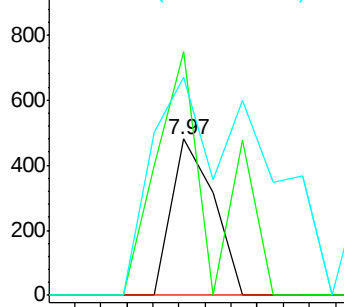
#32
Benzoic acid
Concen: 5.31 ng
RT: 7.97 min Scan# 493
Delta R.T. -0.06 min
Lab File: BF090356.D
Acq: 4 Oct 2016 21:50

Instrument :
BNA_F
ClientSampleId :
EME-PLANTING-SOIL

Tgt Ion:122 Resp: 545
Ion Ratio Lower Upper
122 100
105 155.8 103.9 143.9#
77 139.2 74.6 114.6#

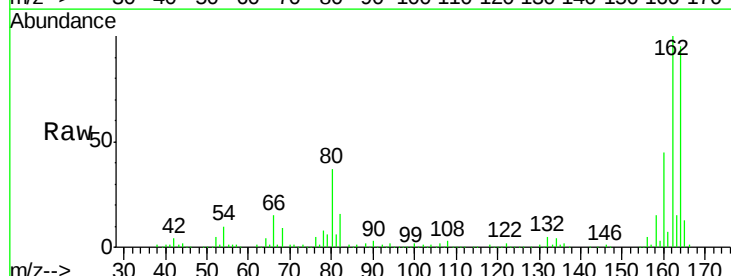


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

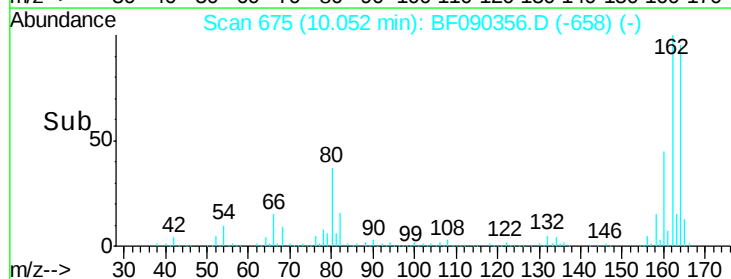
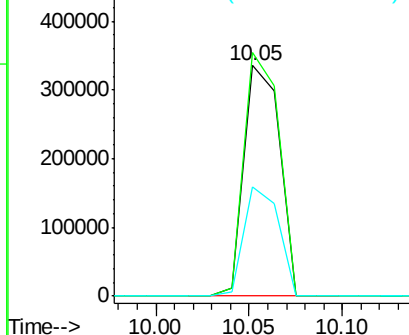


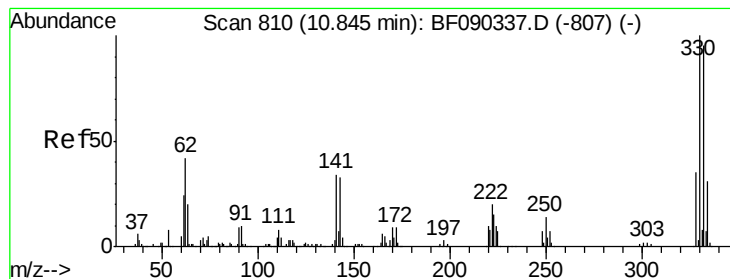
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.05 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF090356.D
Acq: 4 Oct 2016 21:50

Tgt Ion:164 Resp: 443093
Ion Ratio Lower Upper
164 100
162 105.6 80.1 120.1
160 47.5 36.3 54.5



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

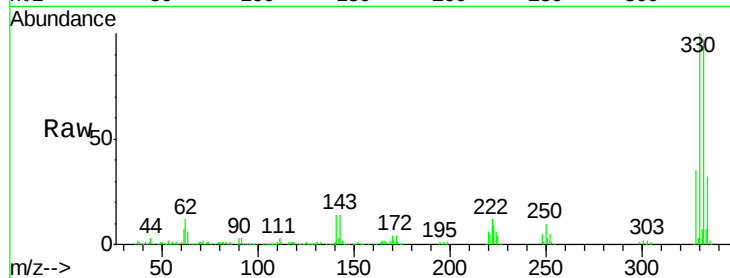




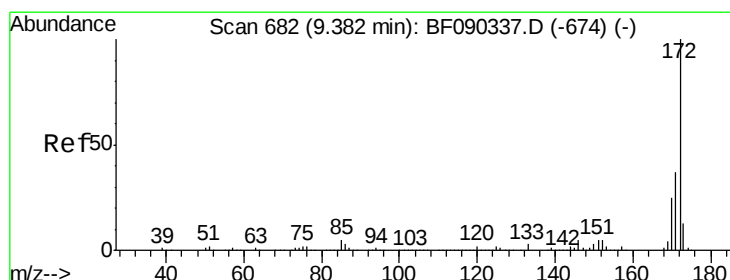
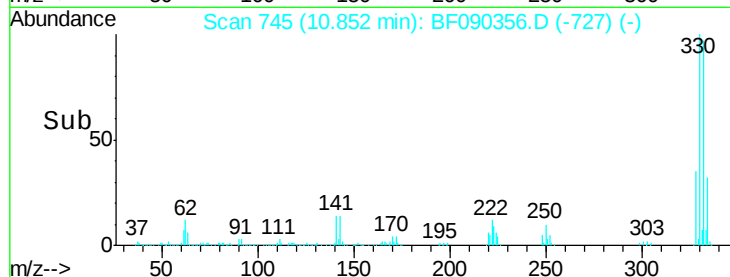
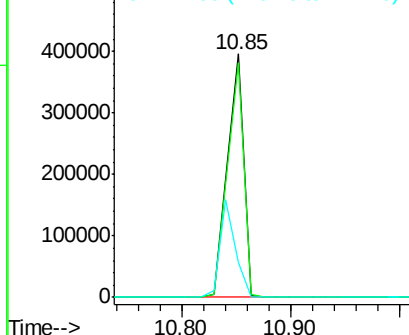
#41
 2,4,6-Tribromophenol
 Concen: 107.07 ng
 RT: 10.85 min Scan# 745
 Delta R.T. 0.01 min
 Lab File: BF090356.D
 Acq: 4 Oct 2016 21:50

Instrument :
 BNA_F
 ClientSampleId :
 EME-PLANTING-SOIL

Tgt Ion:330 Resp: 412049
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.4 113.0
 141 38.4 26.9 40.3

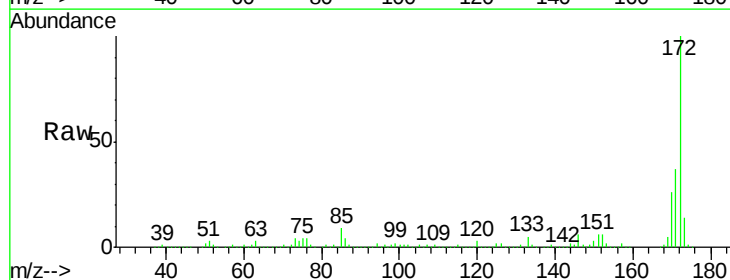


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

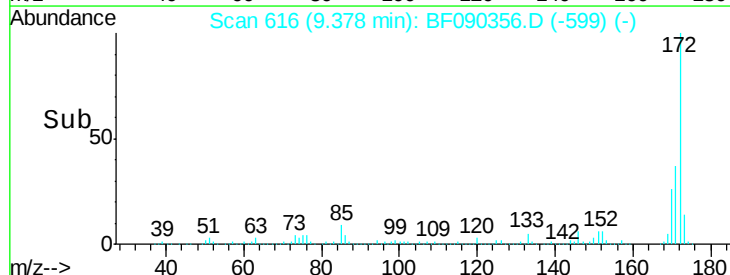
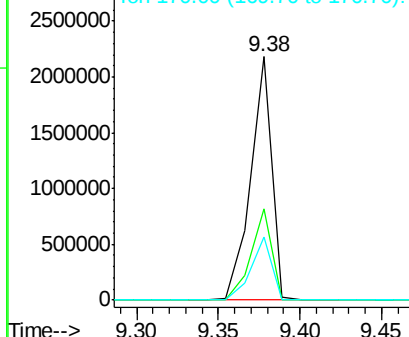


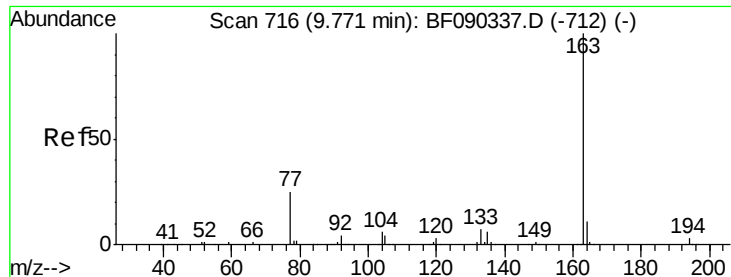
#44
 2-Fluorobiphenyl
 Concen: 71.66 ng
 RT: 9.38 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF090356.D
 Acq: 4 Oct 2016 21:50

Tgt Ion:172 Resp: 1947547
 Ion Ratio Lower Upper
 172 100
 171 37.3 31.8 47.8
 170 25.7 21.7 32.5



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

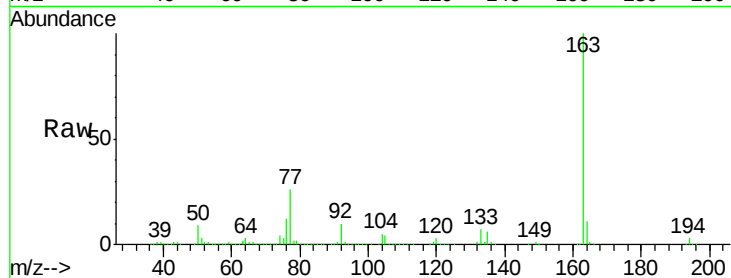




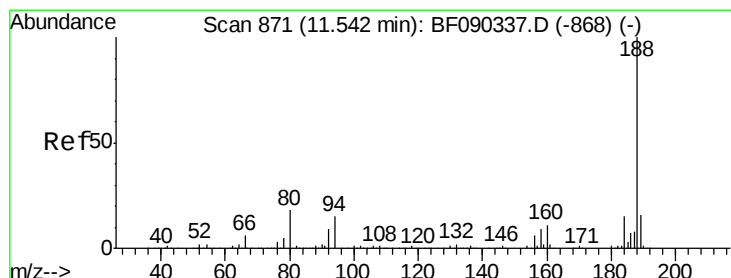
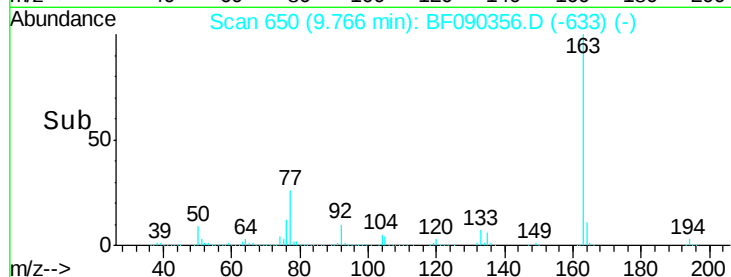
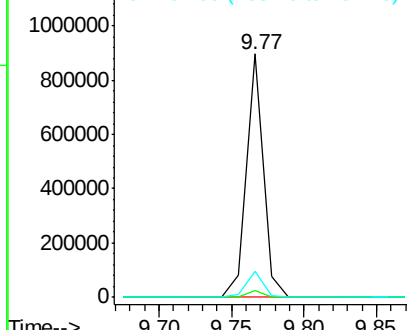
#49
Dimethylphthalate
Concen: 27.70 ng
RT: 9.77 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF090356.D
Acq: 4 Oct 2016 21:50

Instrument :
BNA_F
ClientSampleId :
EME-PLANTING-SOIL

Tgt Ion:163 Resp: 726623
Ion Ratio Lower Upper
163 100
194 3.0 2.8 4.2
164 10.5 9.0 13.4

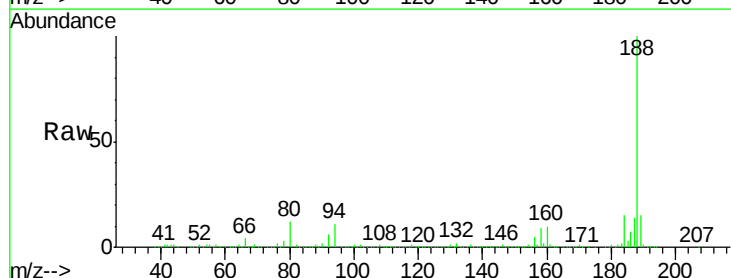


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

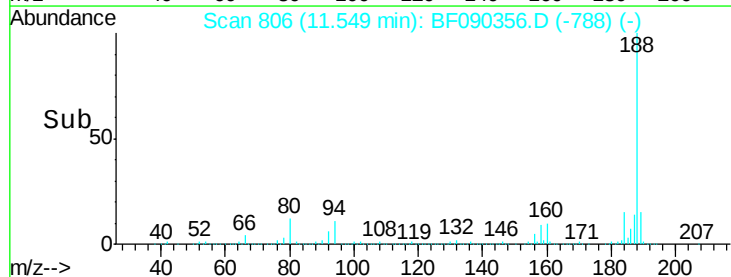
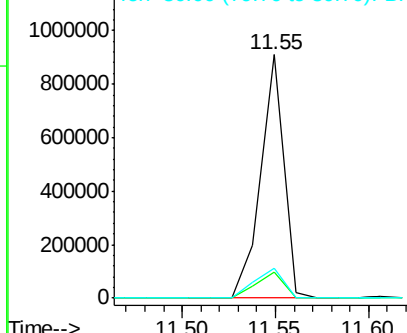


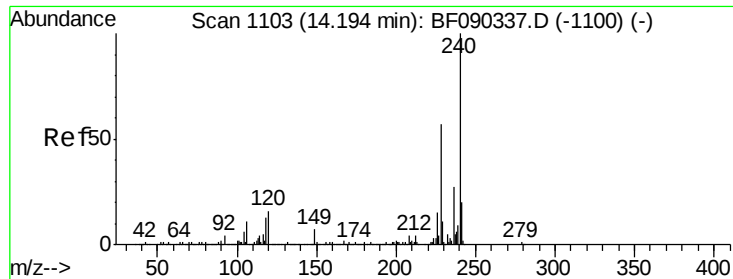
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.55 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF090356.D
Acq: 4 Oct 2016 21:50

Tgt Ion:188 Resp: 776731
Ion Ratio Lower Upper
188 100
94 10.9 8.2 12.2
80 12.2 8.8 13.2



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: 14.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF090356.D

Acq: 4 Oct 2016 21:50

Instrument :

BNA_F

ClientSampleId :

EME-PLANTING-SOIL

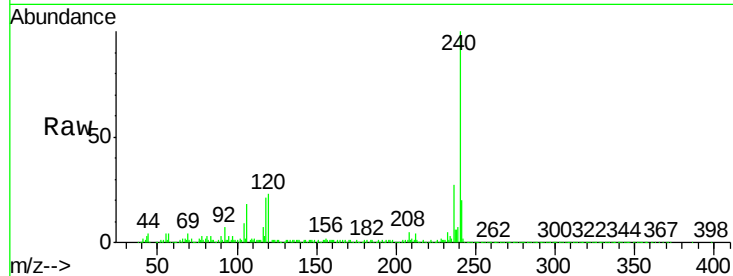
Tgt Ion:240 Resp: 691474

Ion Ratio Lower Upper

240 100

120 23.5 8.6 13.0#

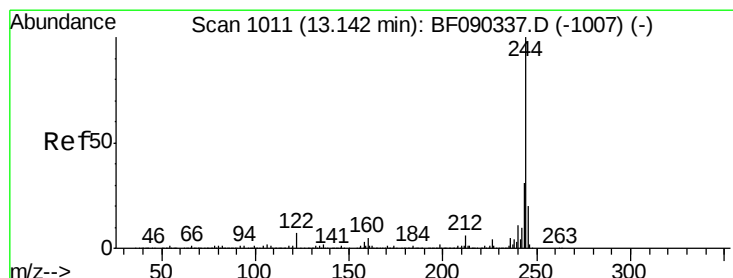
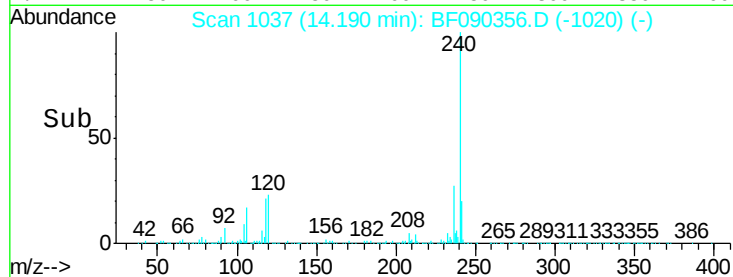
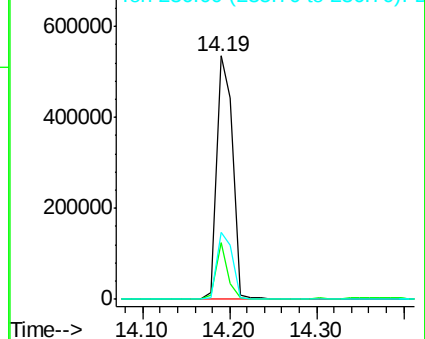
236 27.3 21.6 32.4



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: 53.88 ng

RT: 13.14 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF090356.D

Acq: 4 Oct 2016 21:50

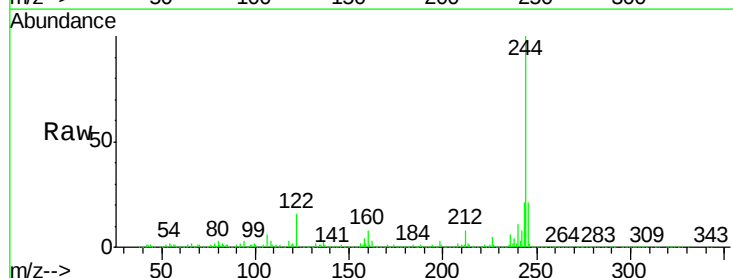
Tgt Ion:244 Resp: 1600195

Ion Ratio Lower Upper

244 100

212 7.8 6.8 10.2

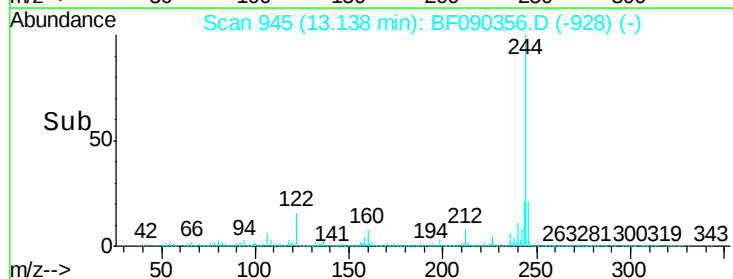
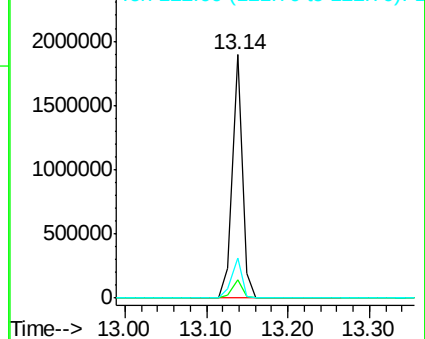
122 16.3 13.3 19.9

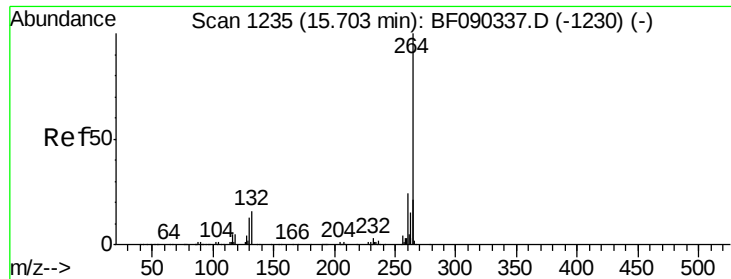


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

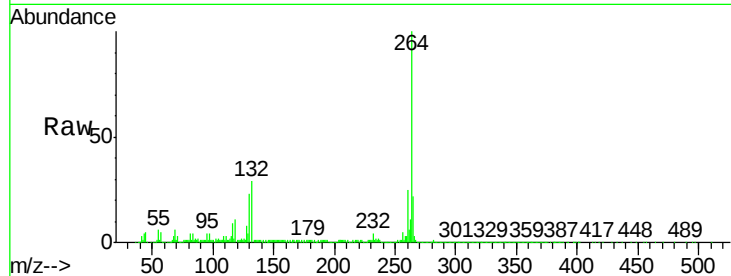




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.70 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF090356.D
Acq: 4 Oct 2016 21:50

Instrument :
BNA_F
ClientSampleId :
EME-PLANTING-SOIL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.3	28.9
265	22.3	17.4	26.0



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

