

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 03:49:19 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

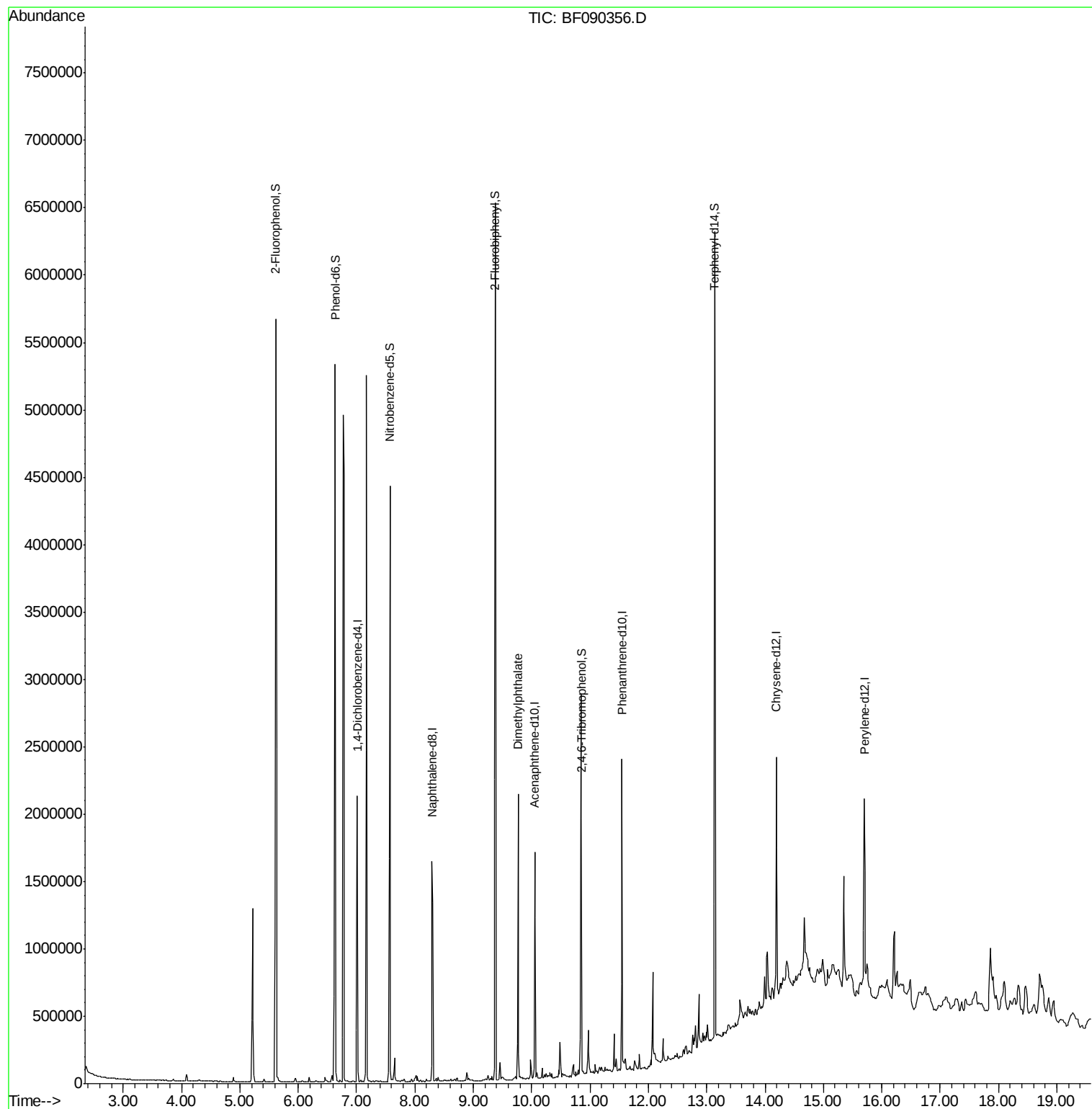
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	282692	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	991766	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	443093	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	776731	20.00	ng	0.00
75) Chrysene-d12	14.19	240	691474	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						
49) Dimethylphthalate	9.77	163	726623	27.70	ng	Qvalue 98

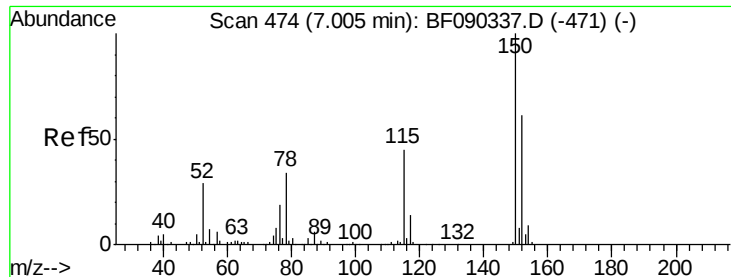
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

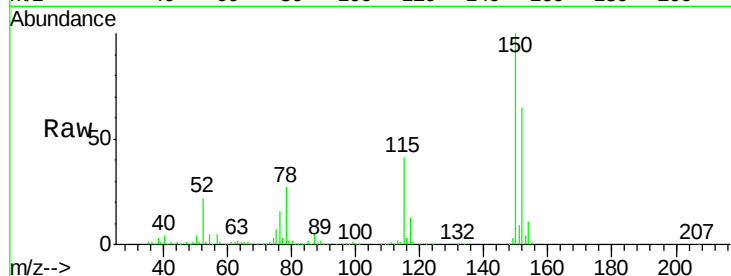
Tgt Ion:152 Resp: 282692

Ion Ratio Lower Upper

152 100

150 153.6 124.6 186.8

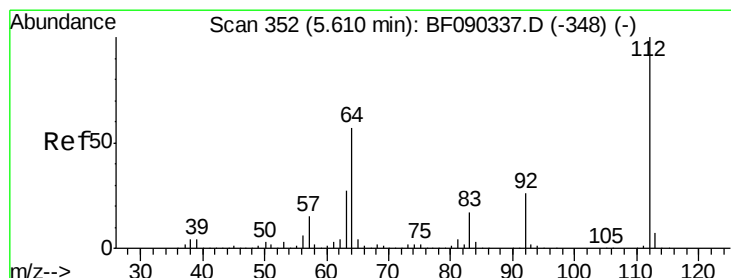
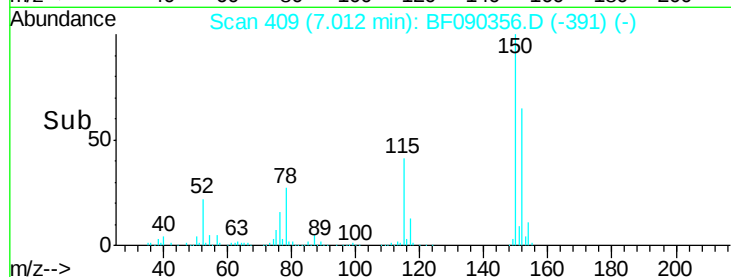
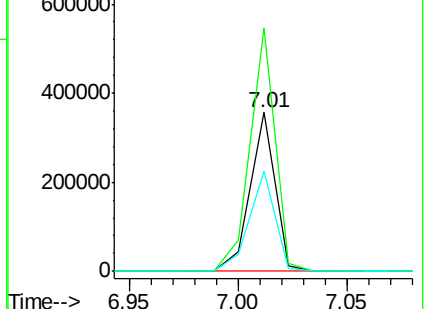
115 63.0 46.2 69.4



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

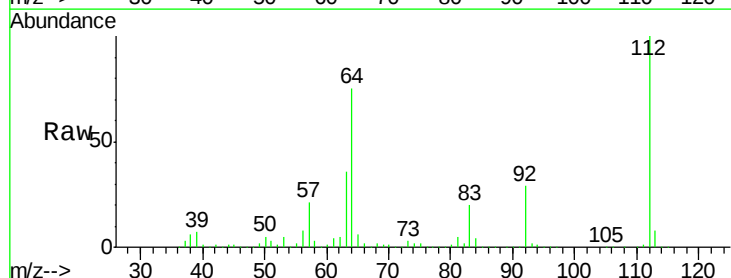
Tgt Ion:112 Resp: 1788088

Ion Ratio Lower Upper

112 100

64 75.4 57.9 86.9

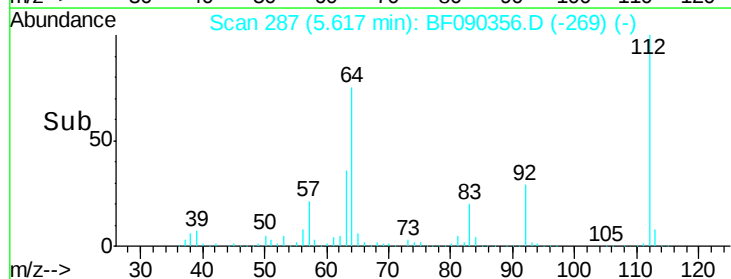
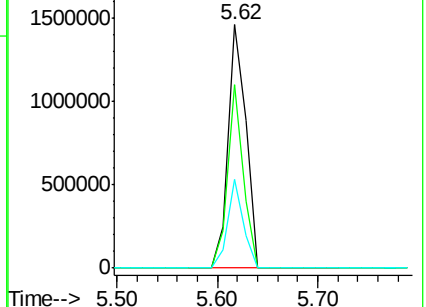
63 36.3 29.6 44.4

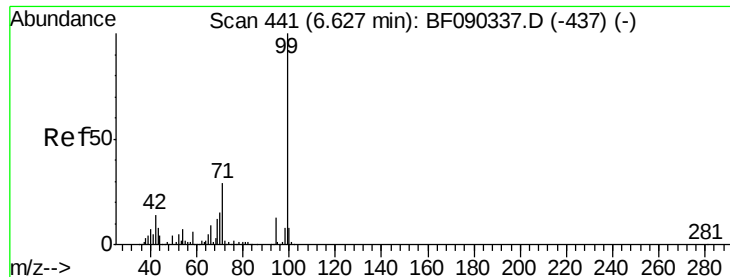


Abundance Ion 112.00 (111.70 to 112.70): E

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

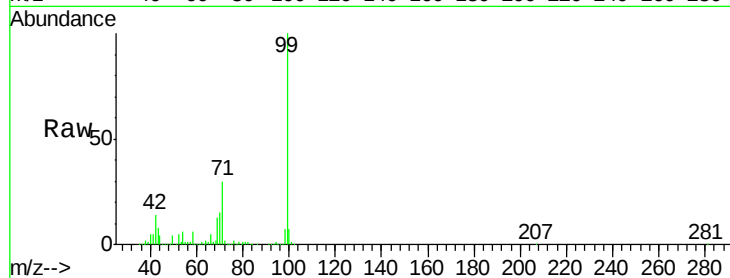
Tgt Ion: 99 Resp: 2575409

Ion Ratio Lower Upper

99 100

42 13.7 20.0 30.0#

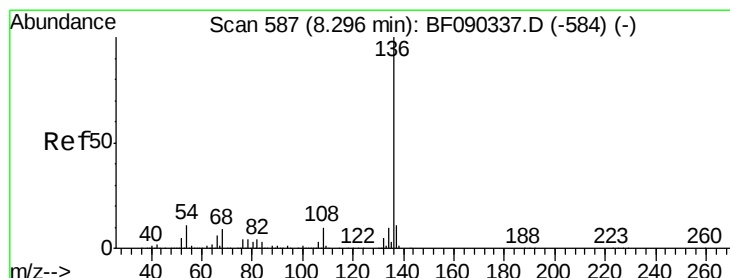
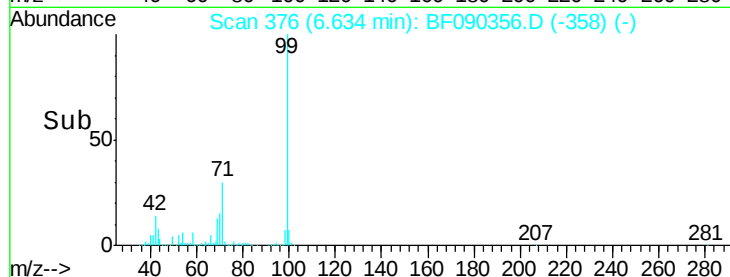
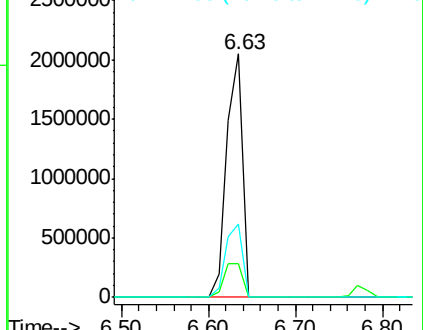
71 30.0 27.9 41.9



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



#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

Tgt Ion: 136 Resp: 991766

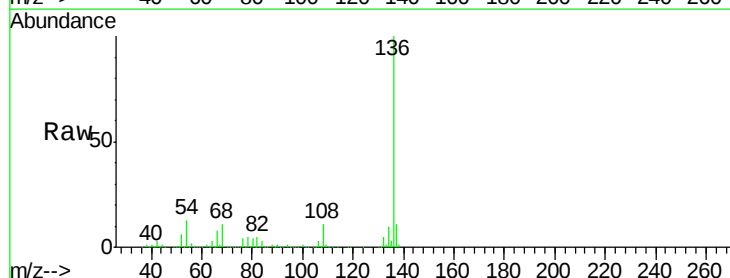
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 13.4 6.6 10.0#

68 11.1 5.0 7.6#

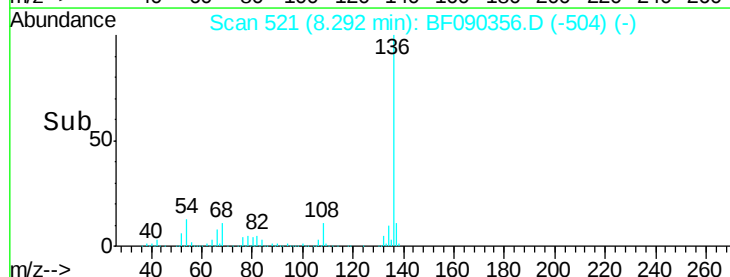
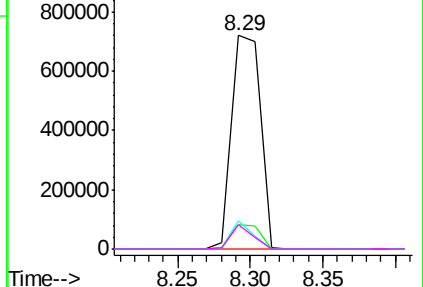


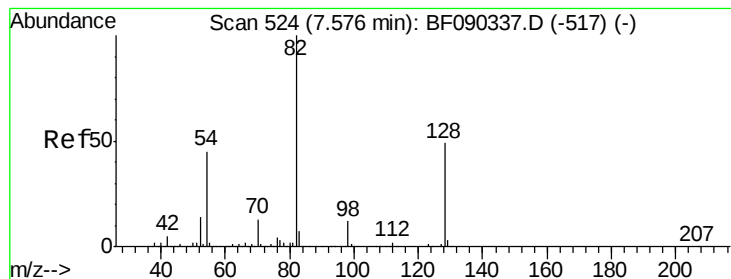
Abundance Ion 136.00 (135.70 to 136.70): E

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: 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

Instrument :

BNA_F

ClientSampleId :

EME-PLANTING-SOIL

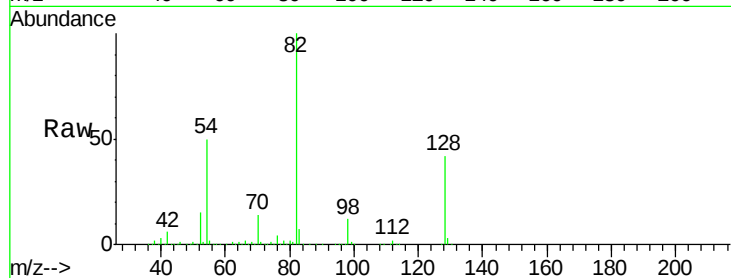
Tgt Ion: 82 Resp: 1515498

Ion Ratio Lower Upper

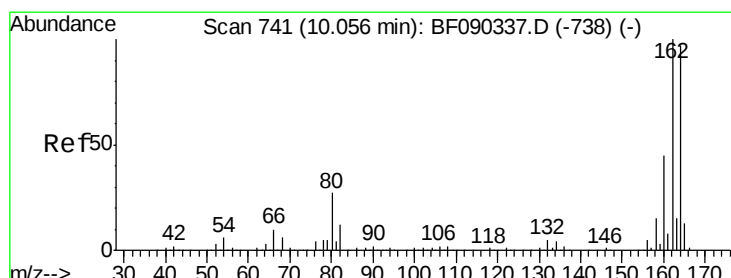
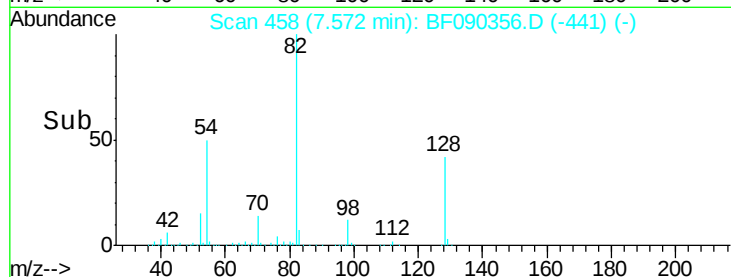
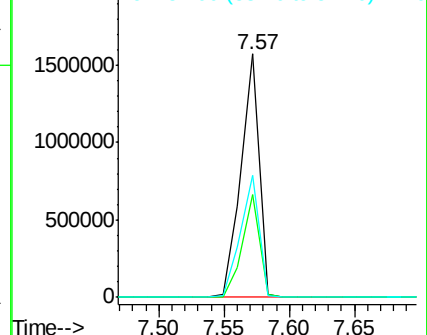
82 100

128 42.0 40.0 60.0

54 49.9 42.6 64.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): 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

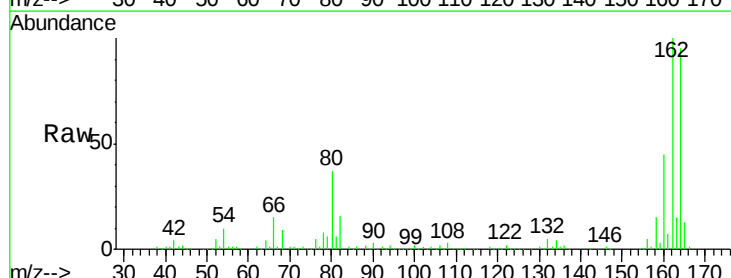
Tgt Ion: 164 Resp: 443093

Ion Ratio Lower Upper

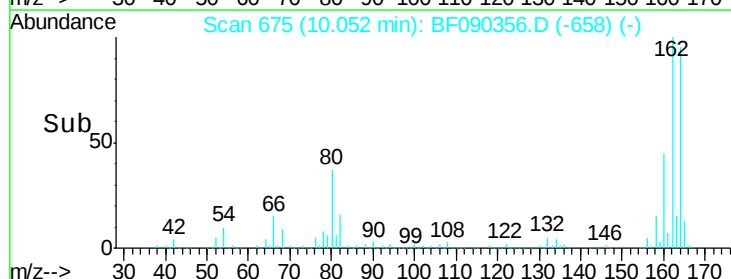
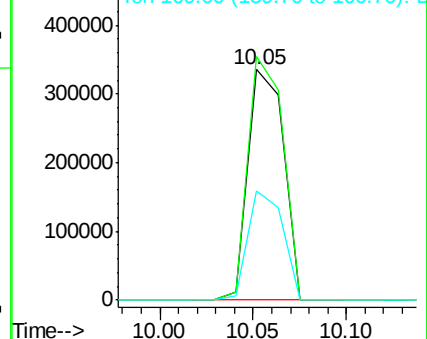
164 100

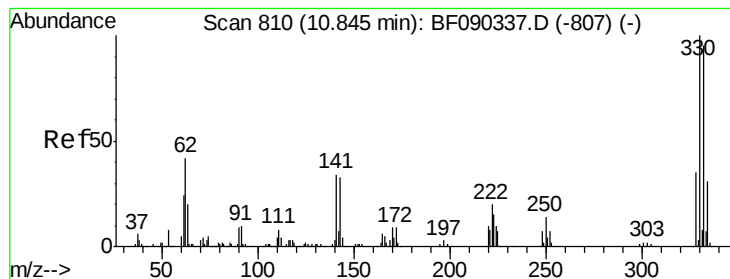
162 105.6 80.1 120.1

160 47.5 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

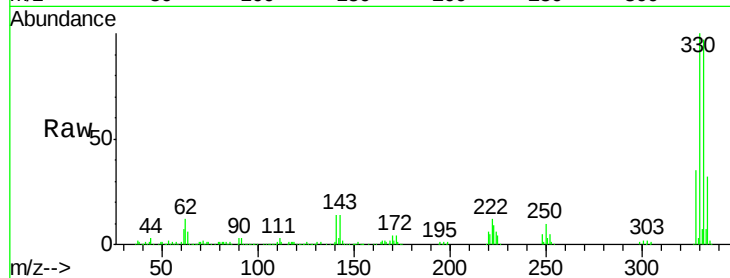




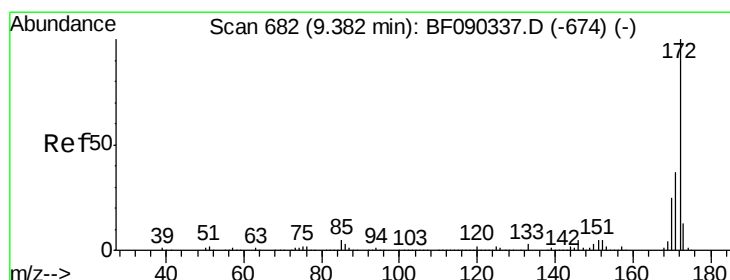
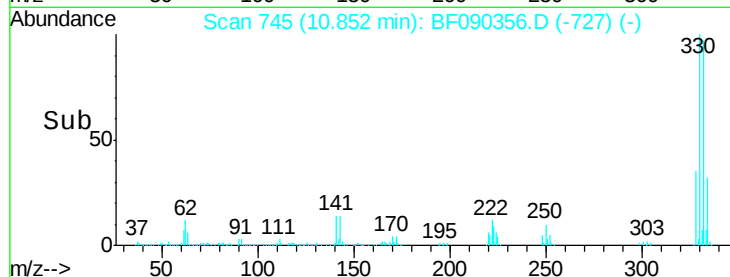
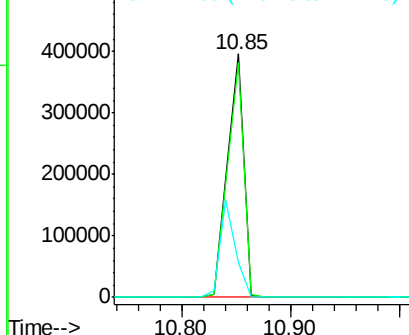
#41
 2,4,6-Tribromophenol
 Concen: 107.07 ng
 RT: 10.85 min Scan# 745
 Delta R.T. 0.01 min
 Lab File: BF090356.D
 Acq: 4 Oct 2016 21:50

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

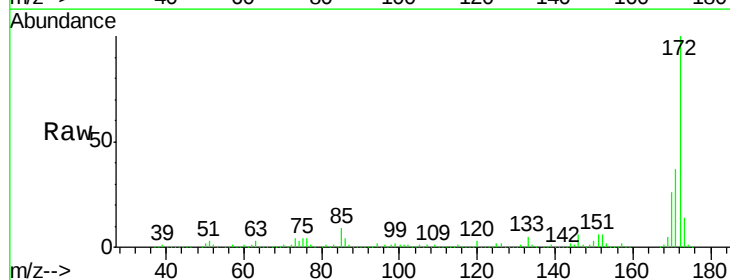


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

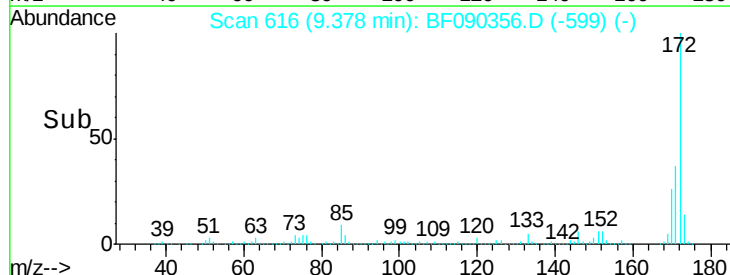
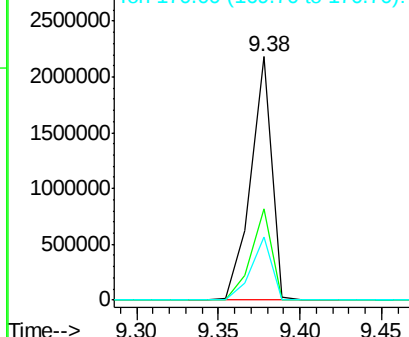


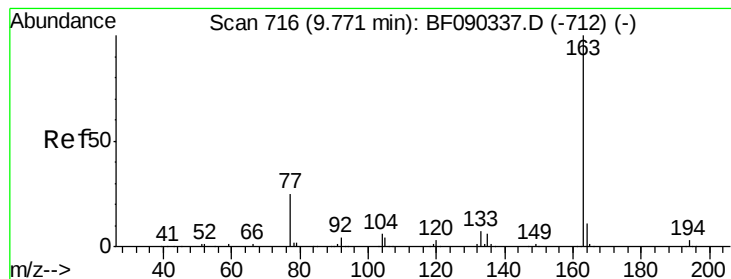
#44
 2-Fluorobiphenyl
 Concen: 71.66 ng
 RT: 9.38 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF090356.D
 Acq: 4 Oct 2016 21:50

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

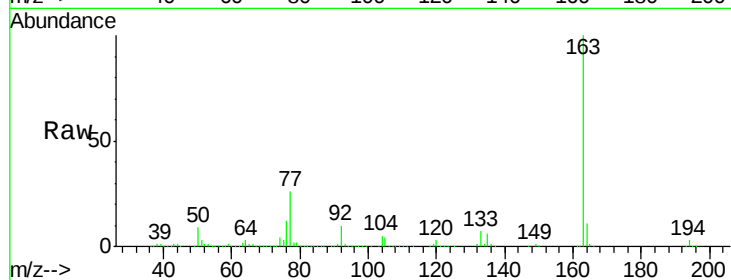
Tgt Ion:163 Resp: 726623

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

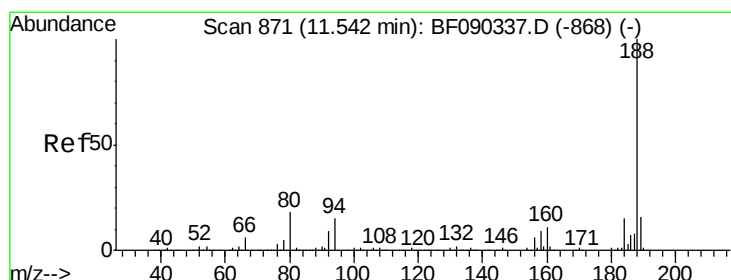
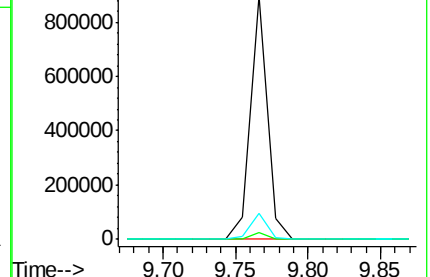
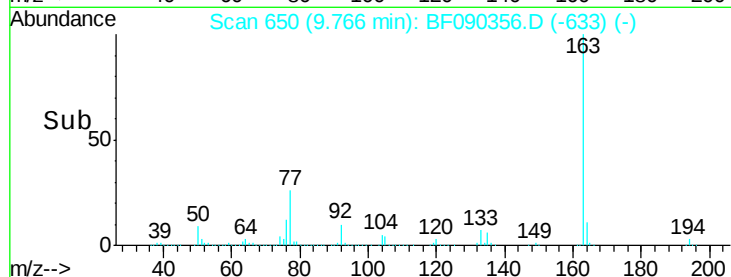
164 10.5 9.0 13.4



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

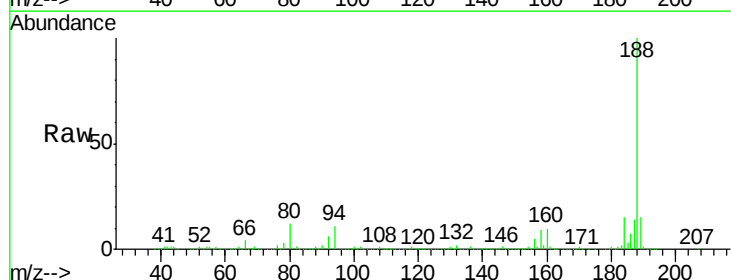
Tgt Ion:188 Resp: 776731

Ion Ratio Lower Upper

188 100

94 10.9 8.2 12.2

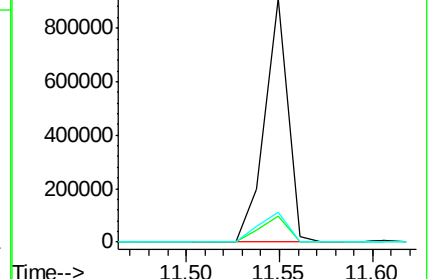
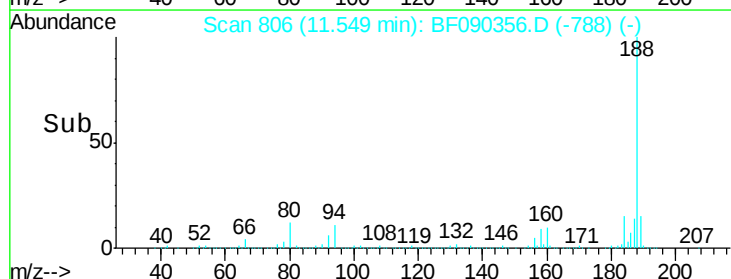
80 12.2 8.8 13.2

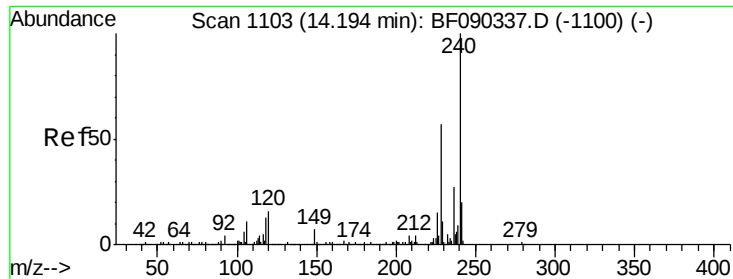


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

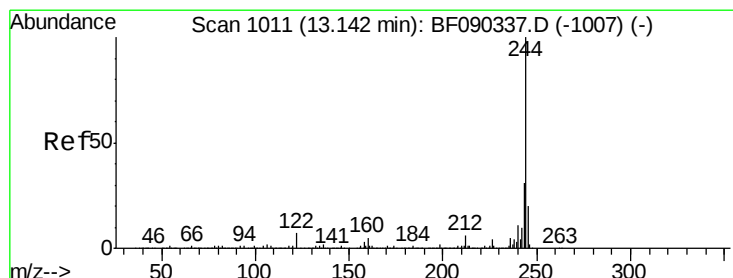
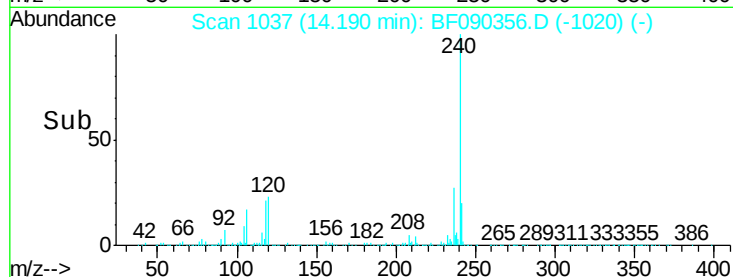
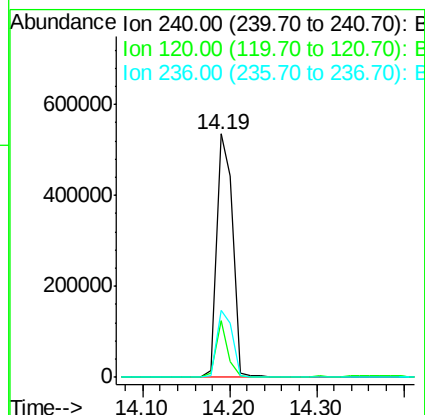
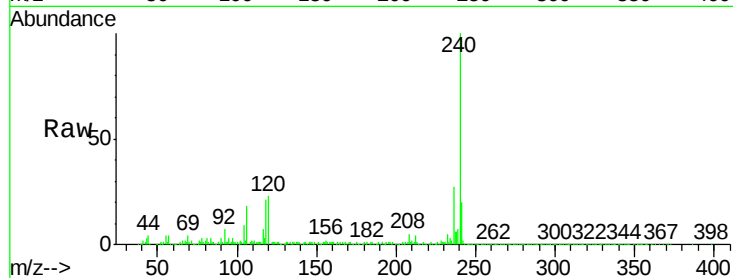




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF090356.D
Acq: 4 Oct 2016 21:50

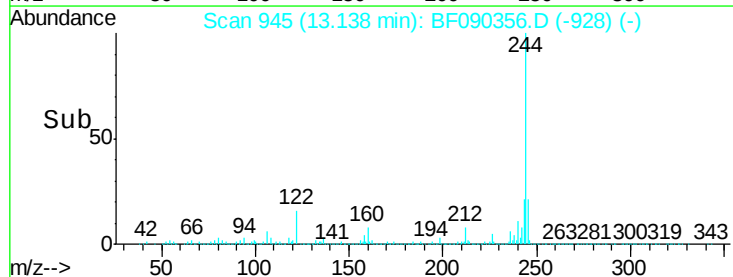
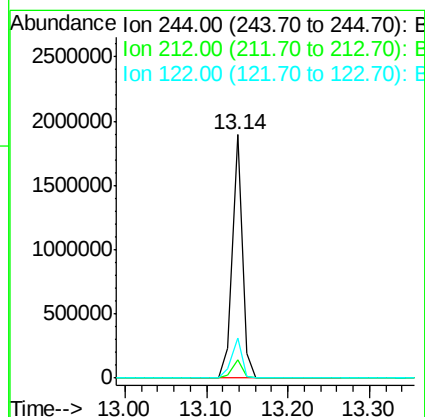
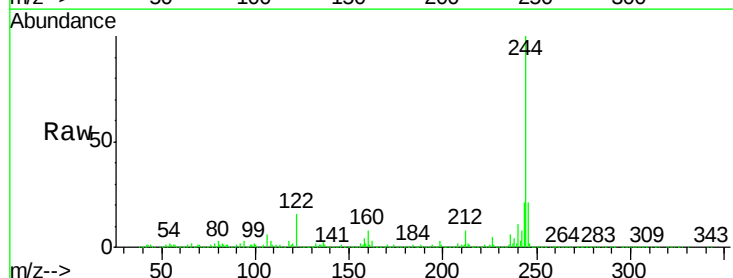
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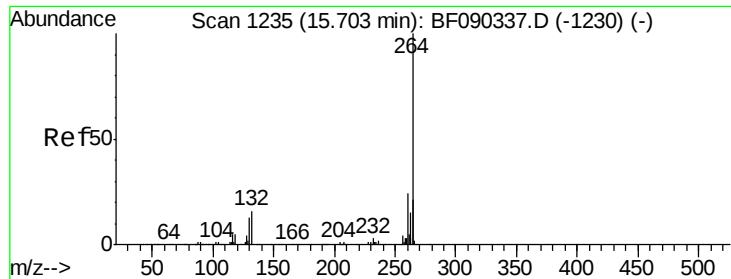
Tgt Ion:240 Resp: 691474
Ion Ratio Lower Upper
240 100
120 23.5 8.6 13.0#
236 27.3 21.6 32.4



#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



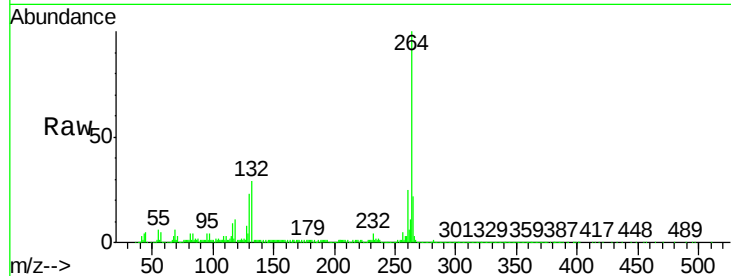


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.70 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF090356.D
Acq: 4 Oct 2016 21:50

Instrument :
BNA_F
ClientSampleId :
EME-PLANTING-SOIL

Tgt Ion: 264 Resp: 617940

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

