

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
 Data File : BF090592.D
 Acq On : 15 Oct 2016 7:35
 Operator : UM/SJ
 Sample : H5194-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-PLANTING-SOIL

Quant Time: Oct 17 00:46:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 12:44:45 2016
 Response via : Initial Calibration

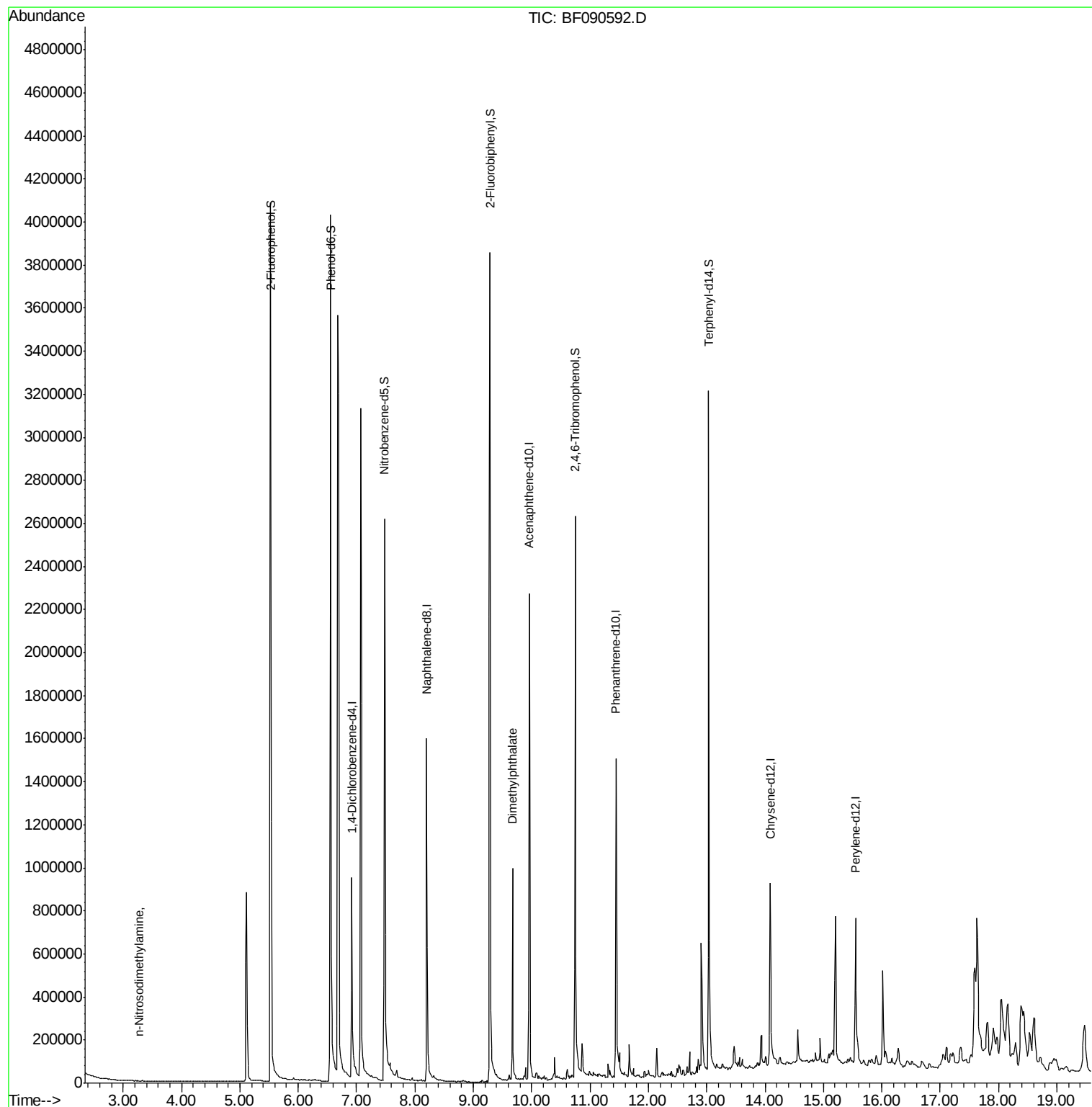
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	204573	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	871492	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	451664	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	623316	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	366732	20.00	ng	-0.01
86) Perylene-d12	15.55	264	358012	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1270449	113.85	ng	0.00
7) Phenol-d6	6.55	99	1942769	117.17	ng	0.00
23) Nitrobenzene-d5	7.48	82	1181719	75.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	310095	77.01	ng	-0.01
44) 2-Fluorobiphenyl	9.29	172	1584725	57.81	ng	0.00
78) Terphenyl-d14	13.04	244	1040590	66.07	ng	-0.01
Target Compounds						
4) n-Nitrosodimethylamine	3.27	42	216	7.21	ng	Qvalue # 1
49) Dimethylphthalate	9.67	163	382043	13.04	ng	99

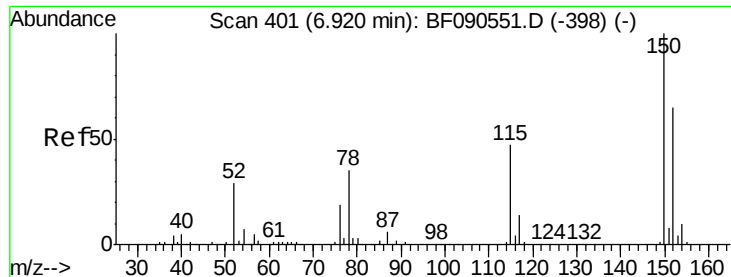
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF090592.D

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Instrument :

BNA_F

ClientSampleId :

EME-PLANTING-SOIL

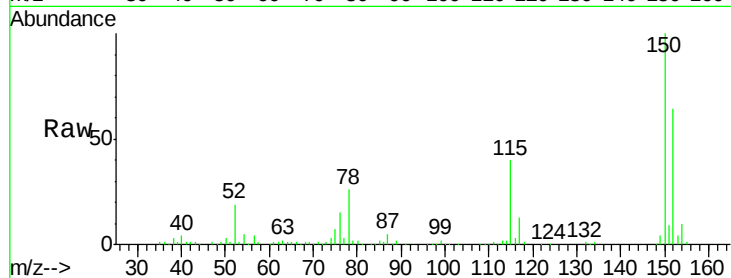
Tgt Ion:152 Resp: 204573

Ion Ratio Lower Upper

152 100

150 155.2 127.2 190.8

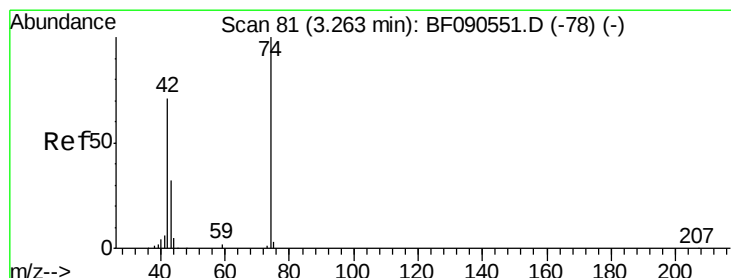
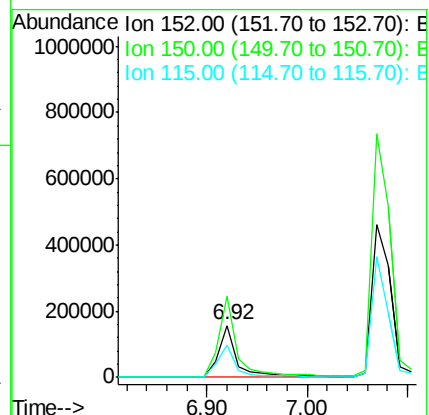
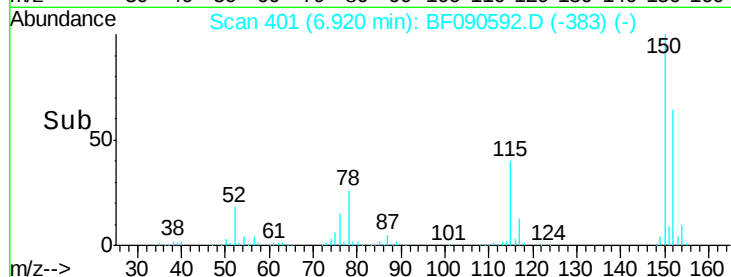
115 61.6 58.6 88.0



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



#4

n-Nitrosodimethylamine

Concen: 7.21 ng

RT: 3.27 min Scan# 82

Delta R.T. 0.01 min

Lab File: BF090592.D

Acq: 15 Oct 2016 7:35

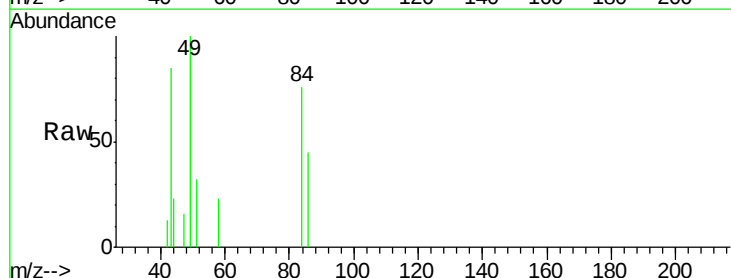
Tgt Ion: 42 Resp: 216

Ion Ratio Lower Upper

42 100

74 0.0 113.3 169.9#

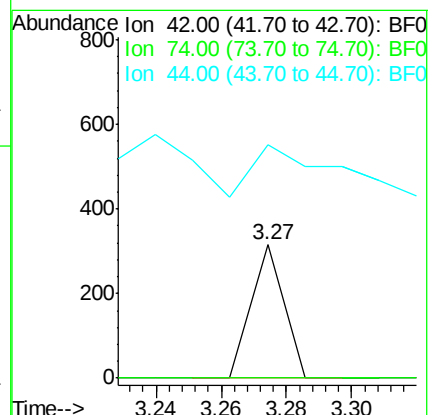
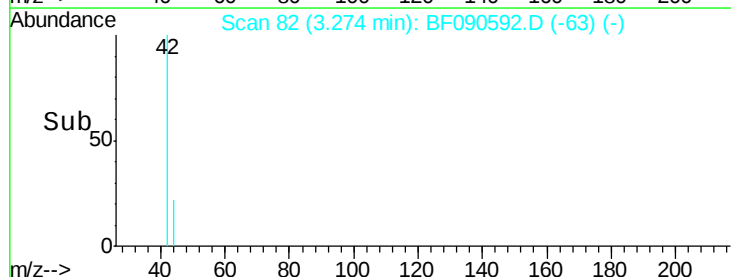
44 175.6 6.0 9.0#

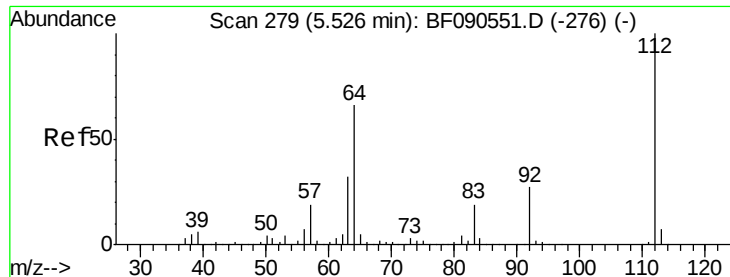


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 113.85 ng

RT: 5.53 min Scan# 279

Delta R.T. 0.00 min

Lab File: BF090592.D

Acq: 15 Oct 2016 7:35

Instrument :

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EME-PLANTING-SOIL

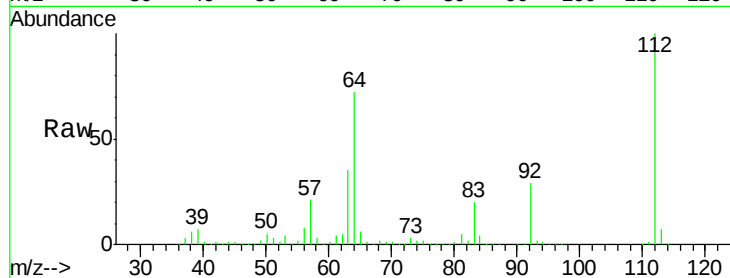
Tgt Ion: 112 Resp: 1270449

Ion Ratio Lower Upper

112 100

64 71.7 52.6 78.8

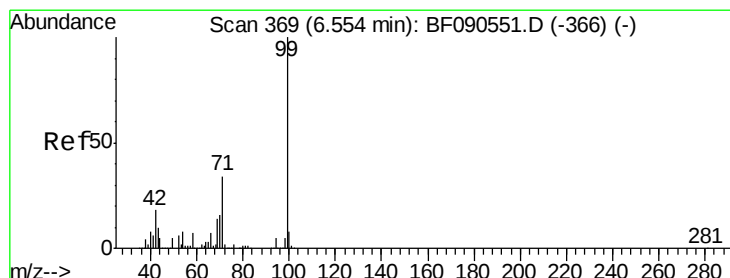
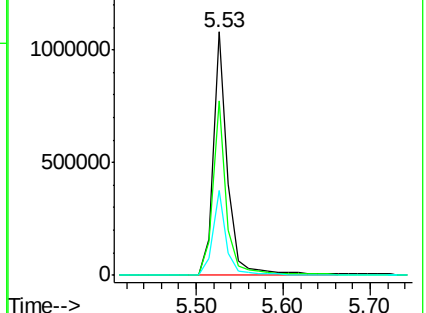
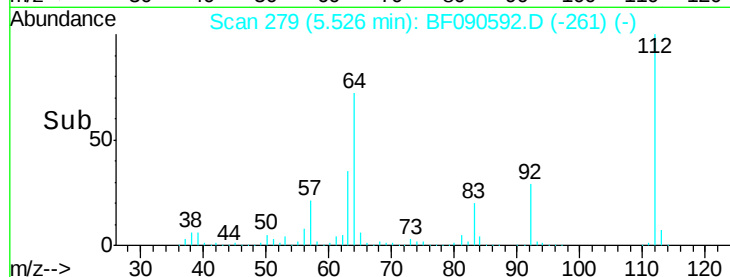
63 35.1 26.0 39.0



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: 117.17 ng

RT: 6.55 min Scan# 369

Delta R.T. 0.00 min

Lab File: BF090592.D

Acq: 15 Oct 2016 7:35

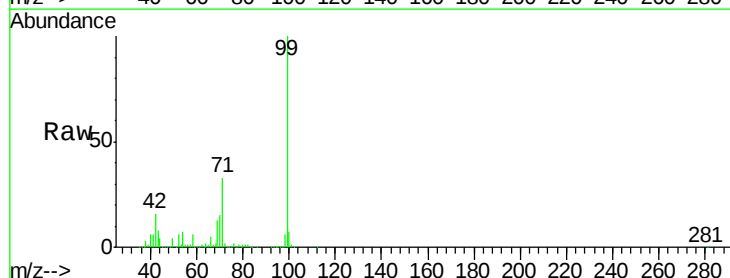
Tgt Ion: 99 Resp: 1942769

Ion Ratio Lower Upper

99 100

42 15.9 14.7 22.1

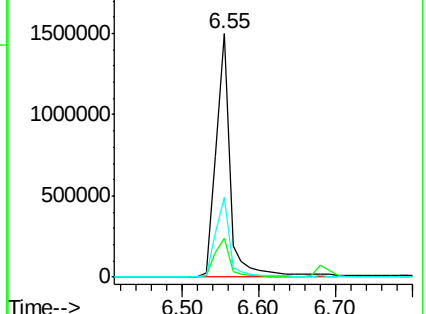
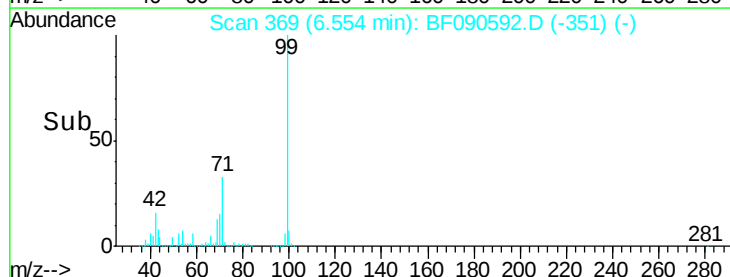
71 32.7 27.6 41.4

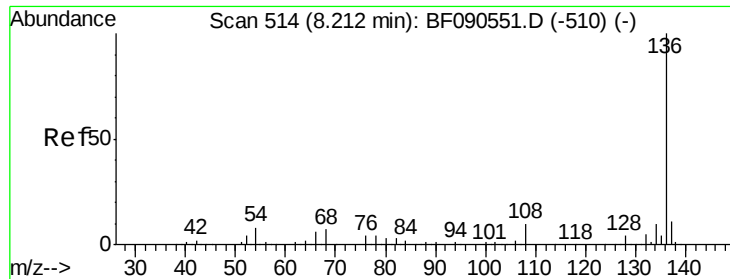


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

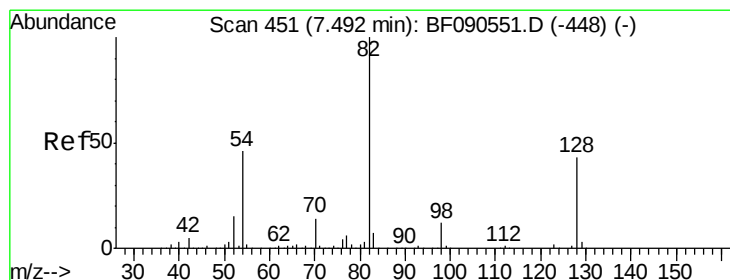
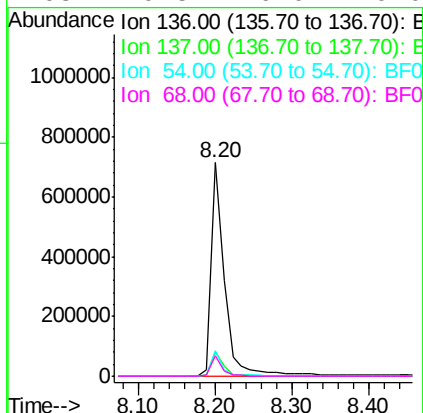
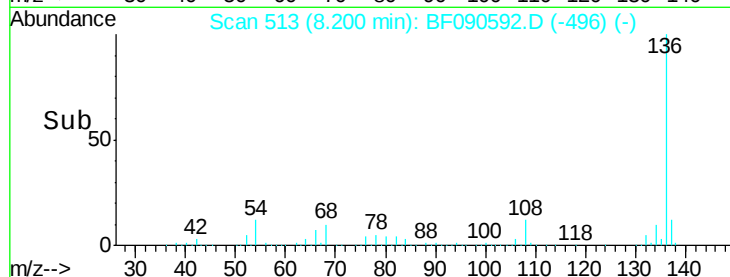
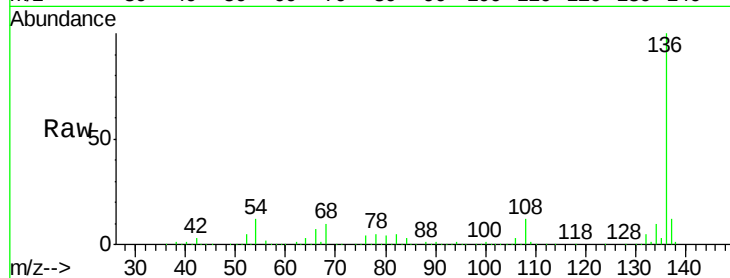




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF090592.D
Acq: 15 Oct 2016 7:35

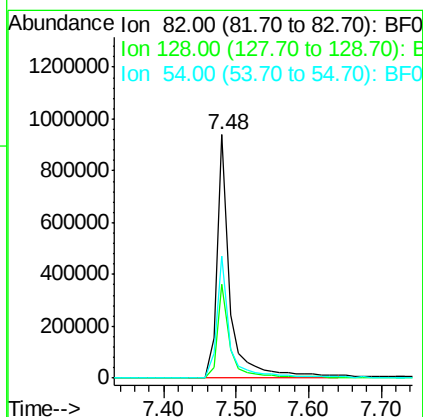
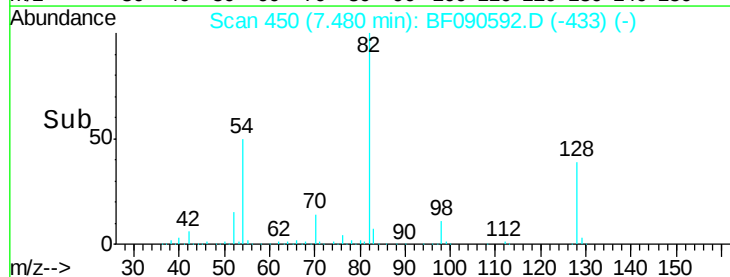
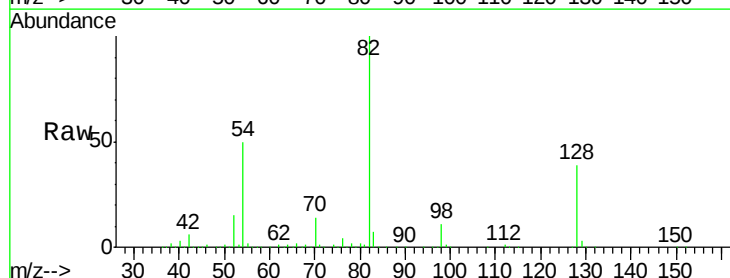
Instrument :
BNA_F
ClientSampleId :
EME-PLANTING-SOIL

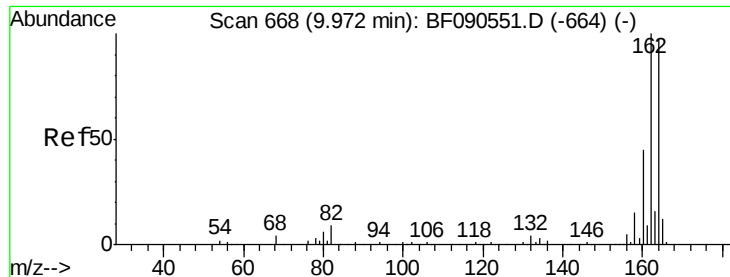
Tgt Ion:	136	Resp:	871492
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.8	13.2
54	11.7	6.8	10.2#
68	9.5	6.0	9.0#



#23
Nitrobenzene-d5
Concen: 75.32 ng
RT: 7.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF090592.D
Acq: 15 Oct 2016 7:35

Tgt Ion:	82	Resp:	1181719
Ion Ratio	Lower	Upper	
82	100		
128	38.6	34.3	51.5
54	50.2	37.0	55.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.96 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF090592.D

Acq: 15 Oct 2016 7:35

Instrument :

BNA_F

ClientSampleId :

EME-PLANTING-SOIL

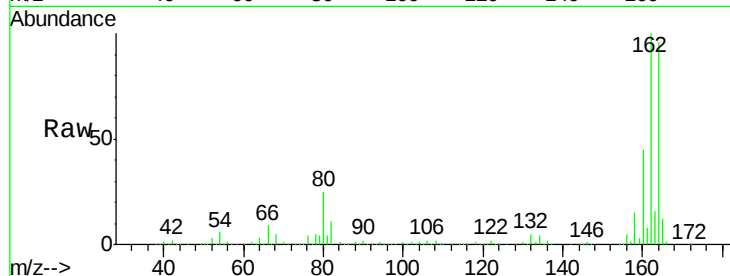
Tgt Ion:164 Resp: 451664

Ion Ratio Lower Upper

164 100

162 104.1 82.2 123.4

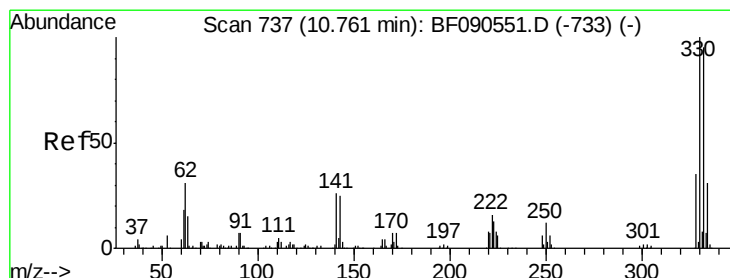
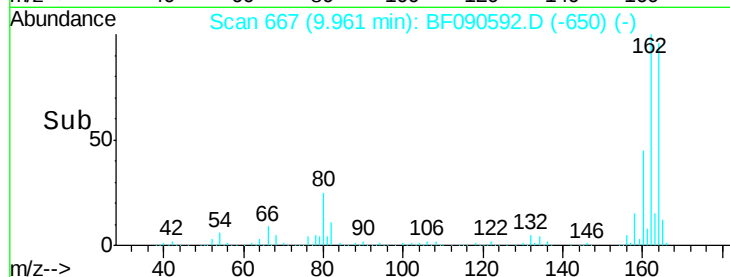
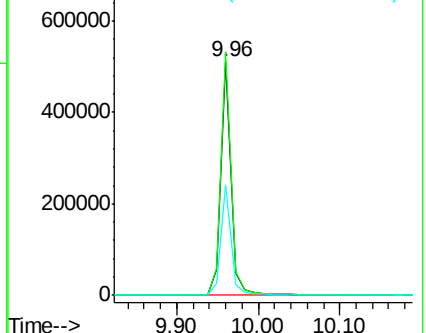
160 47.1 36.6 55.0



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: 77.01 ng

RT: 10.75 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF090592.D

Acq: 15 Oct 2016 7:35

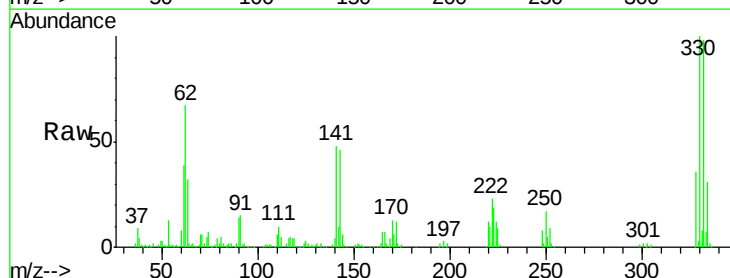
Tgt Ion:330 Resp: 310095

Ion Ratio Lower Upper

330 100

332 96.7 76.2 114.2

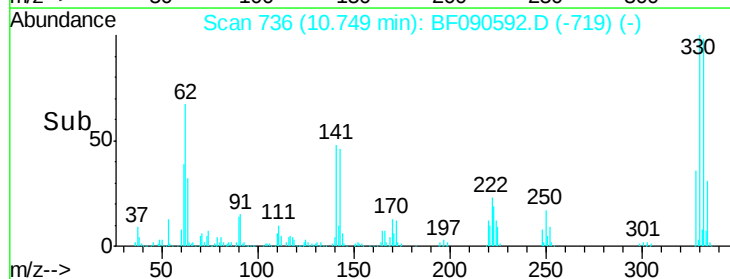
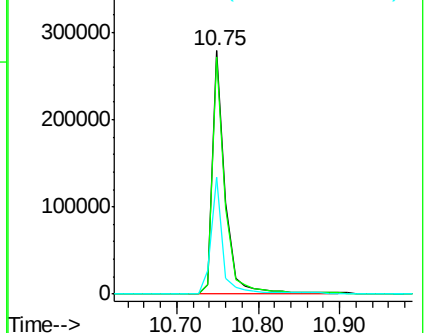
141 44.8 31.4 47.2

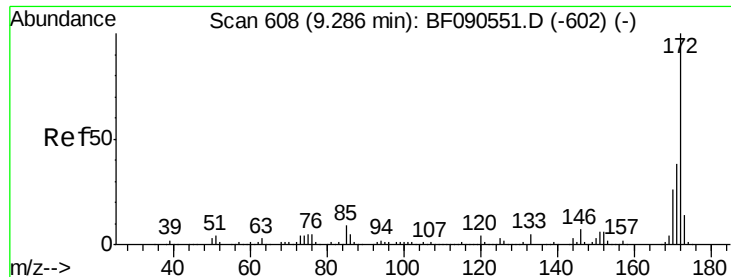


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

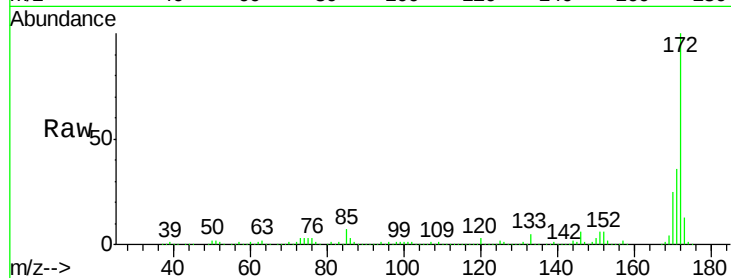




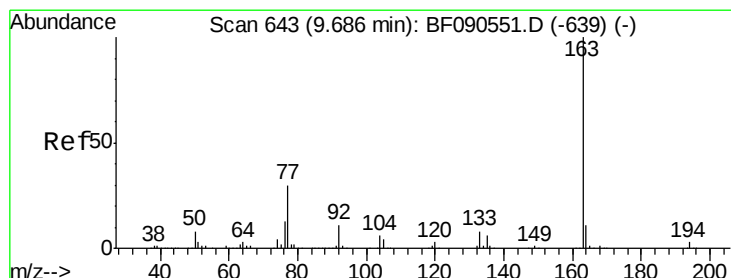
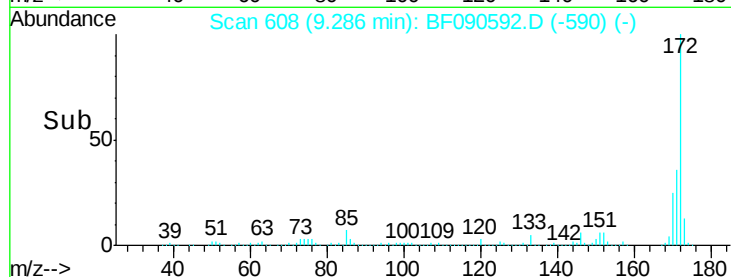
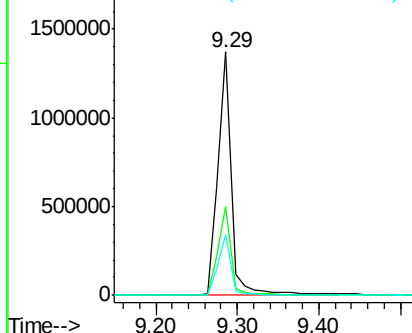
#44
 2-Fluorobiphenyl
 Concen: 57.81 ng
 RT: 9.29 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF090592.D
 Acq: 15 Oct 2016 7:35

Instrument :
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 EME-PLANTING-SOIL

Tgt Ion:172 Resp: 1584725
 Ion Ratio Lower Upper
 172 100
 171 36.4 30.1 45.1
 170 24.7 20.6 30.8

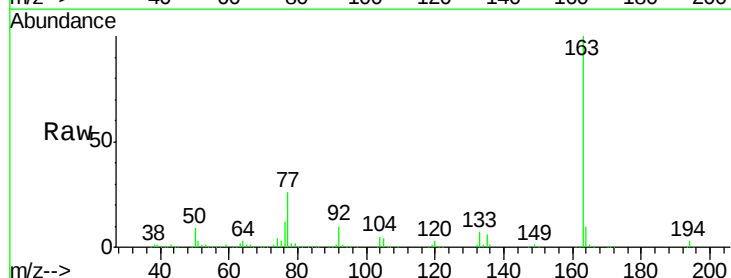


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

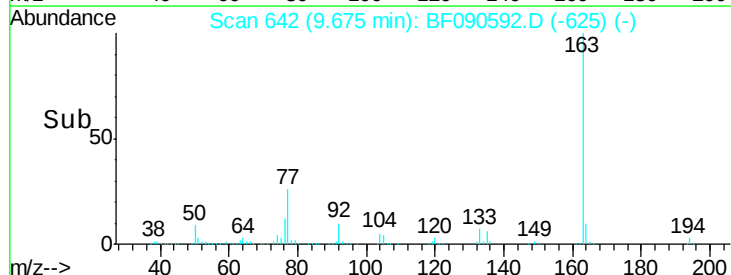
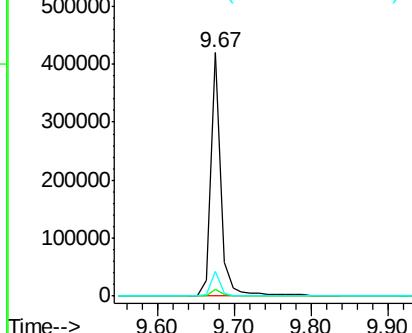


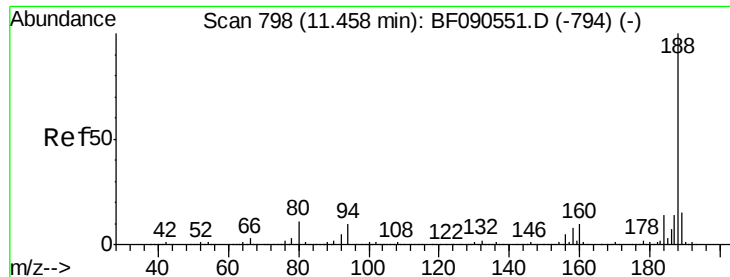
#49
 Dimethylphthalate
 Concen: 13.04 ng
 RT: 9.67 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF090592.D
 Acq: 15 Oct 2016 7:35

Tgt Ion:163 Resp: 382043
 Ion Ratio Lower Upper
 163 100
 194 2.9 2.3 3.5
 164 10.1 8.6 13.0



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

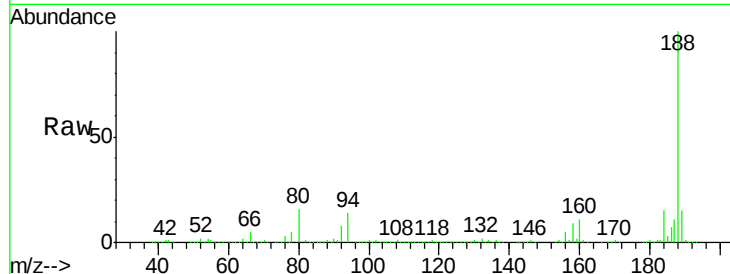




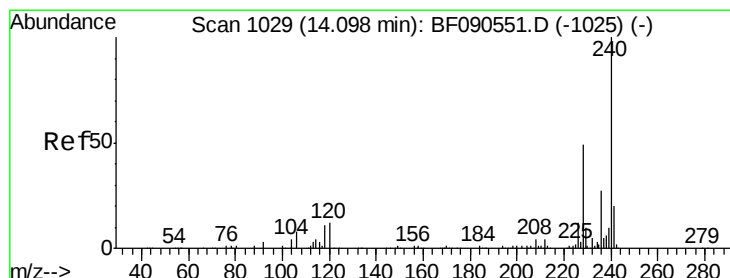
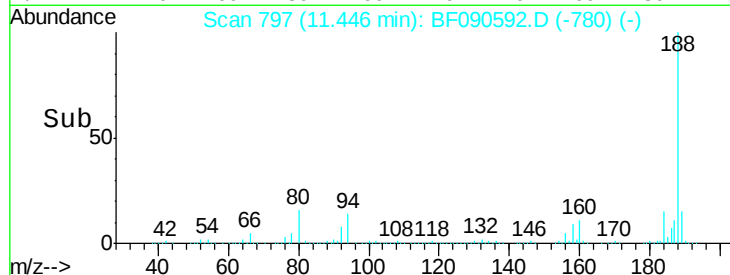
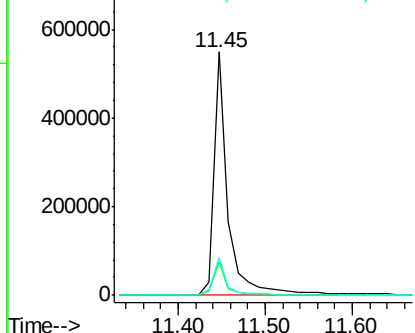
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF090592.D
Acq: 15 Oct 2016 7:35

Instrument :
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ClientSampleId :
EME-PLANTING-SOIL

Tgt Ion:188 Resp: 623316
Ion Ratio Lower Upper
188 100
94 13.7 7.7 11.5#
80 15.6 8.6 12.8#

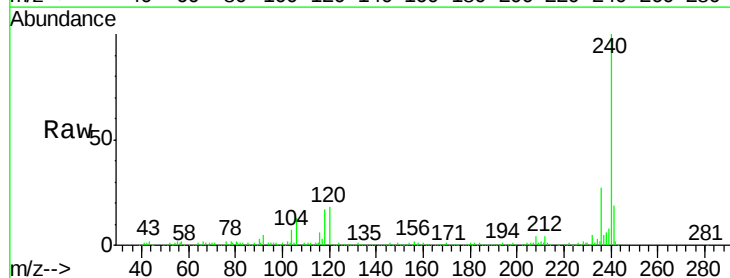


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

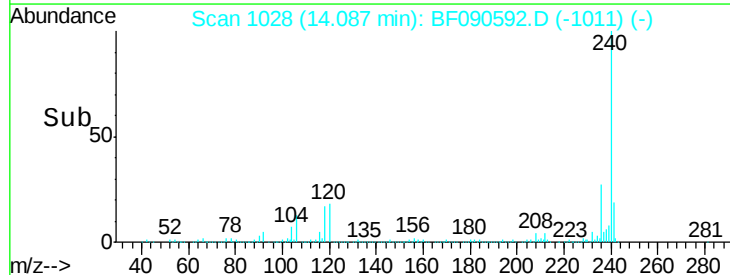
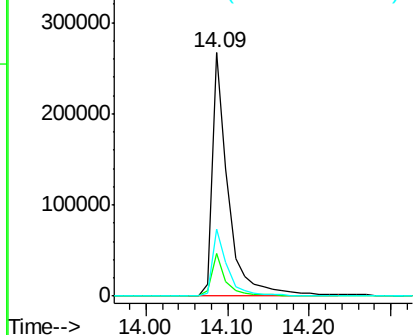


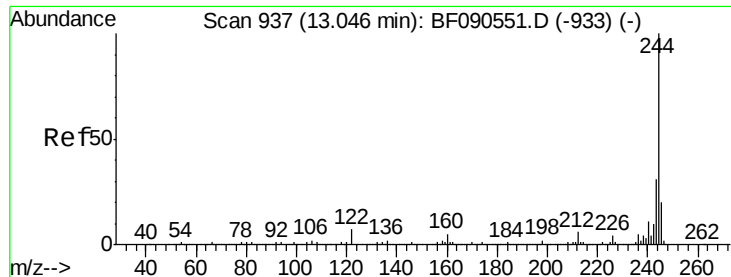
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.09 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF090592.D
Acq: 15 Oct 2016 7:35

Tgt Ion:240 Resp: 366732
Ion Ratio Lower Upper
240 100
120 17.5 9.8 14.8#
236 27.4 21.7 32.5



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

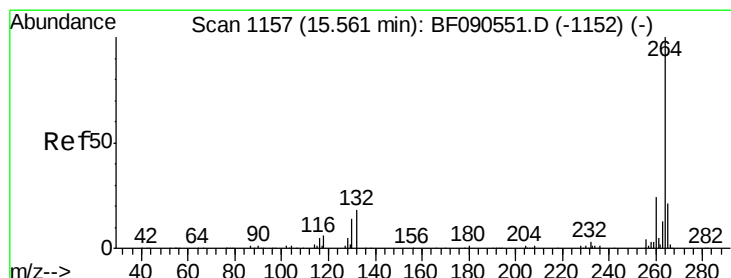
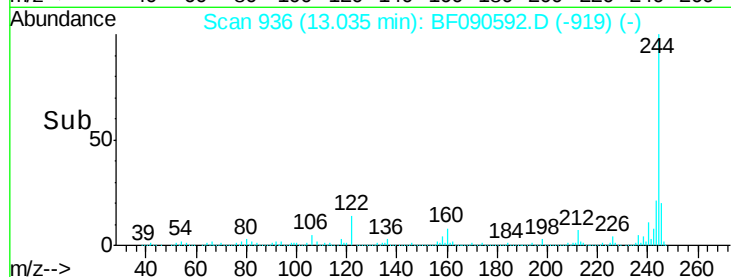
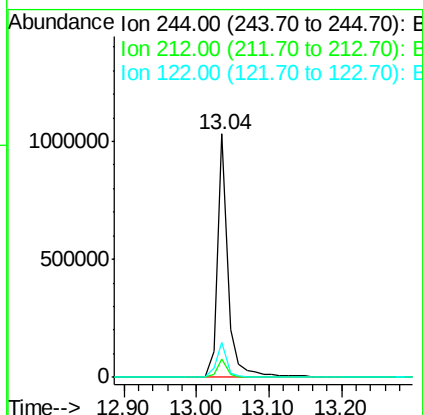
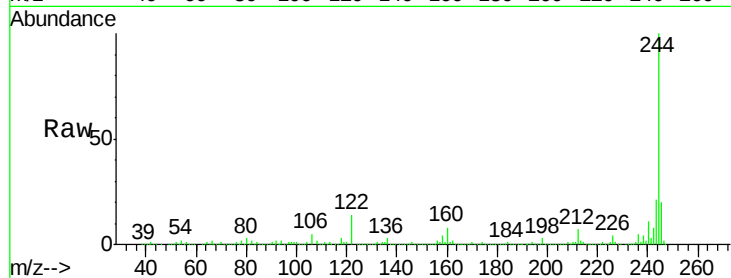




#78
 Terphenyl-d14
 Concen: 66.07 ng
 RT: 13.04 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF090592.D
 Acq: 15 Oct 2016 7:35

Instrument :
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 EME-PLANTING-SOIL

Tgt Ion:244 Resp: 1040590
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.0 7.4#
 122 14.4 5.6 8.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.55 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF090592.D
 Acq: 15 Oct 2016 7:35

Tgt Ion:264 Resp: 358012
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.3 28.9
 265 21.8 16.7 25.1

