

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
 Data File : BF089959.D
 Acq On : 31 Aug 2016 19:21
 Operator : UM/SJ
 Sample : H4646-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-PLANTING-SOIL

Quant Time: Sep 01 00:57:33 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 11:55:18 2016
 Response via : Initial Calibration

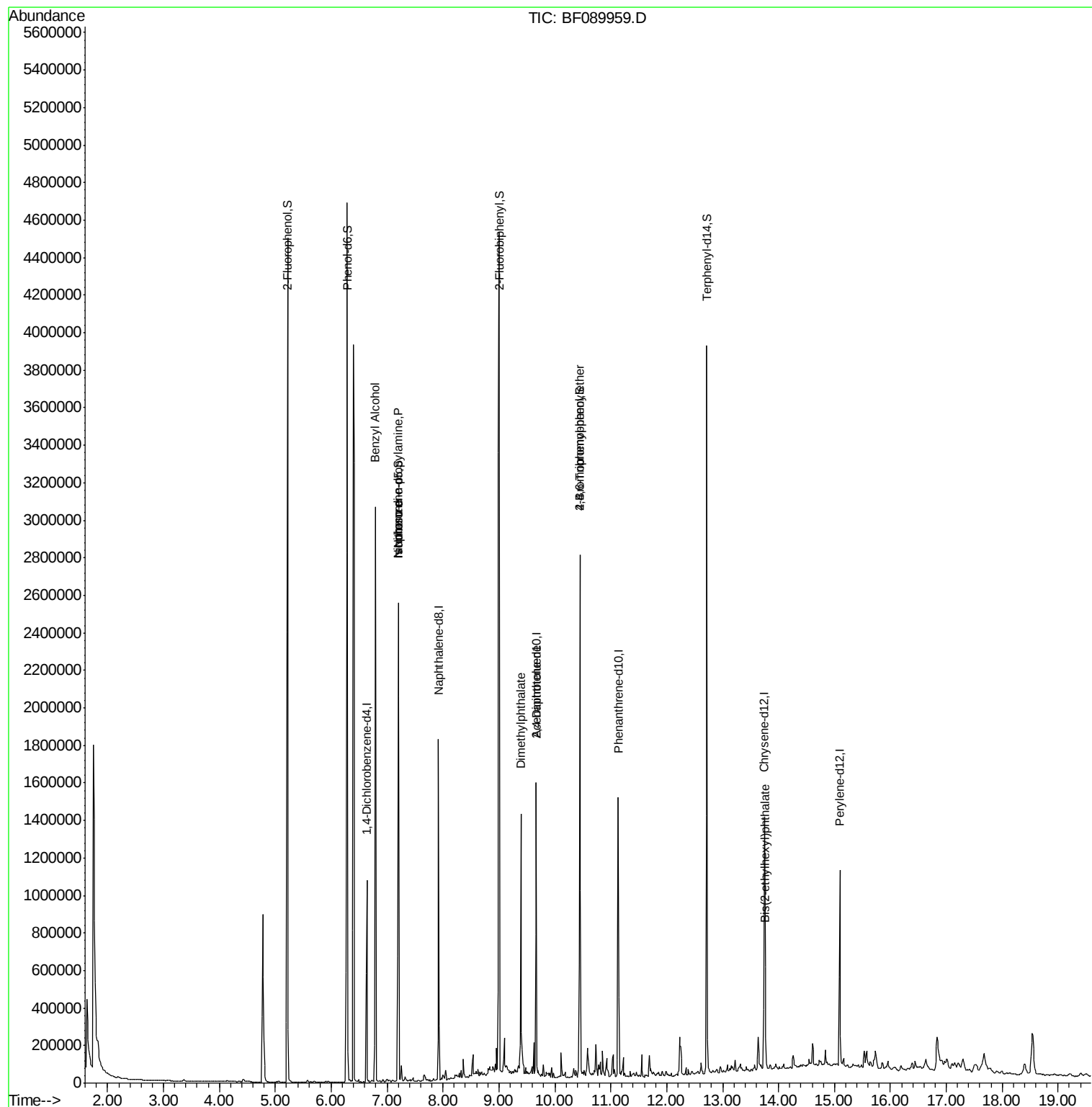
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	194406	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	719934	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	359791	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	556853	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	450802	20.00	ng	-0.01
86) Perylene-d12	15.10	264	444754	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1455139	119.81	ng	0.01
7) Phenol-d6	6.28	99	1914301	129.71	ng	0.01
23) Nitrobenzene-d5	7.20	82	1199880	96.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	404376	113.92	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	1974616	90.09	ng	0.00
78) Terphenyl-d14	12.72	244	1285967	70.47	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.79	79	18708	2.02	ng	# 51
19) n-Nitroso-di-n-propylamine	7.20	70	156682	16.29	ng	# 86
25) Isophorone	7.20	82	1043692	41.35	ng	# 65
49) Dimethylphthalate	9.39	163	505302	19.43	ng	100
56) 2,4-Dinitrotoluene	9.67	165	46356	6.32	ng	# 29
66) 4-Bromophenyl-phenylether	10.44	248	25025	4.46	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.76	149	117773	6.64	ng	# 95

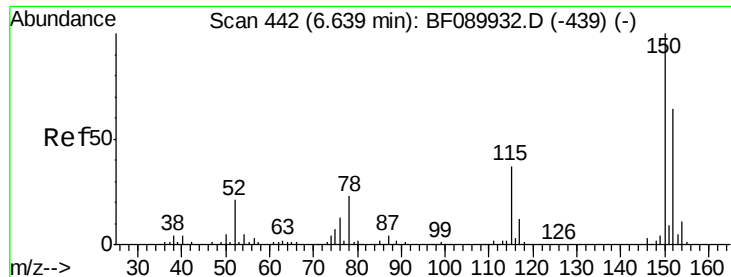
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF089959.D

Acq: 31 Aug 2016 19:21

Instrument :

BNA_F

ClientSampleId :

EME-PLANTING-SOIL

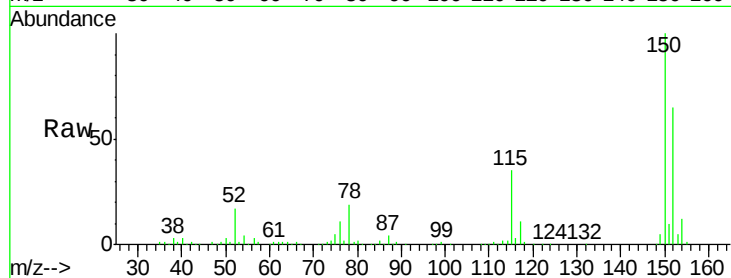
Tgt Ion:152 Resp: 194406

Ion Ratio Lower Upper

152 100

150 153.6 127.4 191.2

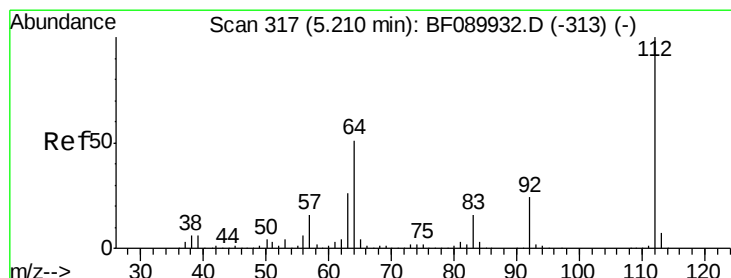
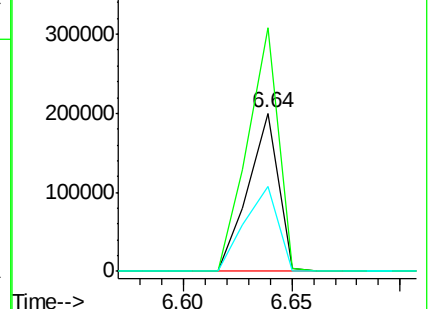
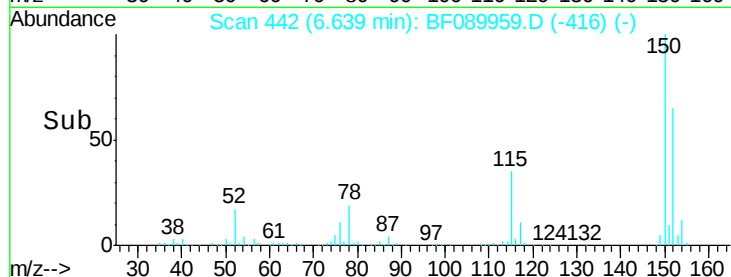
115 53.4 46.3 69.5



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: 119.81 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF089959.D

Acq: 31 Aug 2016 19:21

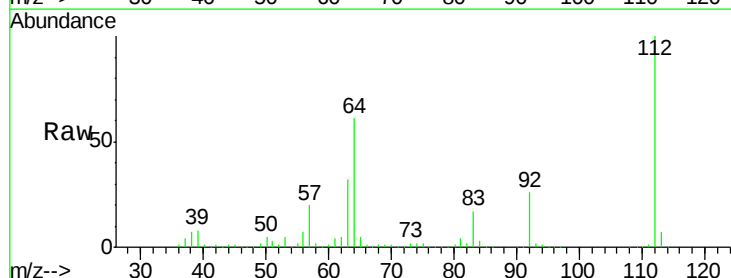
Tgt Ion:112 Resp: 1455139

Ion Ratio Lower Upper

112 100

64 61.3 41.1 61.7

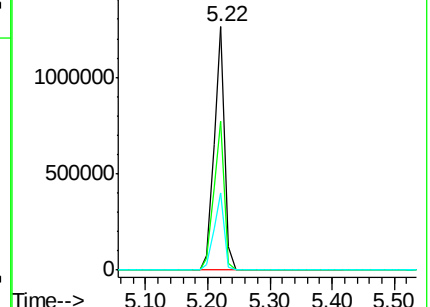
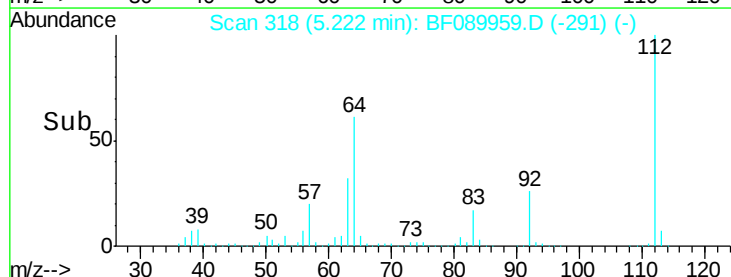
63 31.9 21.2 31.8#

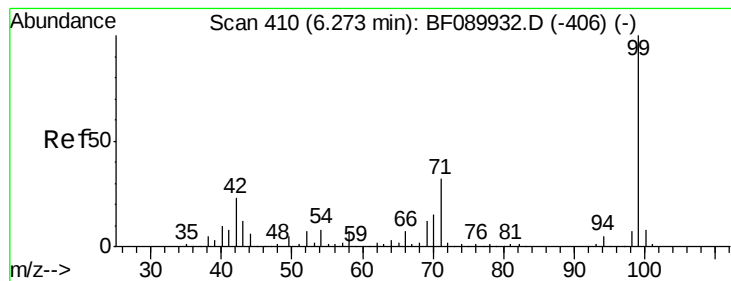


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 129.71 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF089959.D

Acq: 31 Aug 2016 19:21

Instrument :

BNA_F

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EME-PLANTING-SOIL

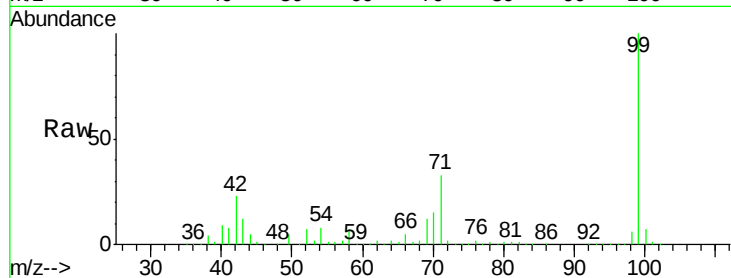
Tgt Ion: 99 Resp: 1914301

Ion Ratio Lower Upper

99 100

42 22.7 18.6 27.8

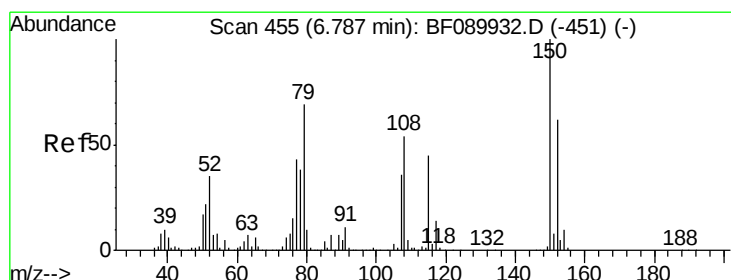
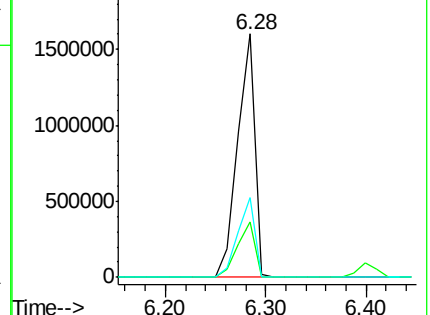
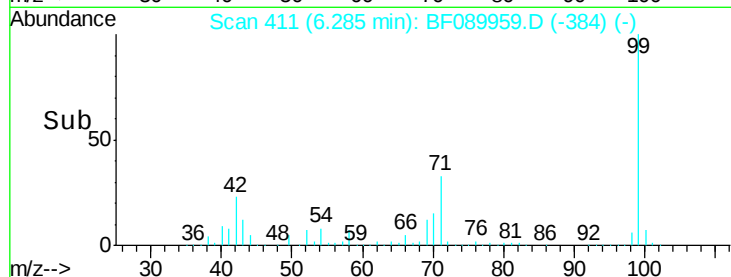
71 32.6 25.8 38.6



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



#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF089959.D

Acq: 31 Aug 2016 19:21

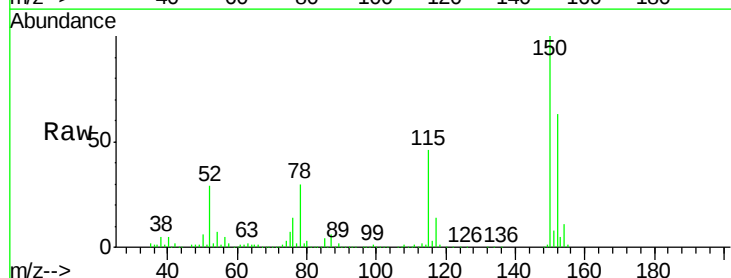
Tgt Ion: 79 Resp: 18708

Ion Ratio Lower Upper

79 100

108 26.5 62.1 93.1#

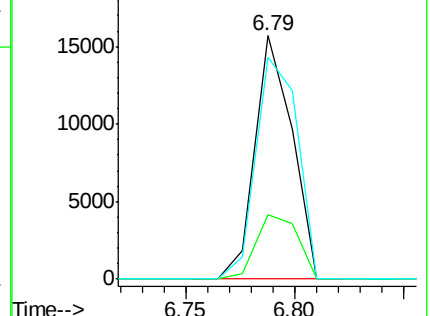
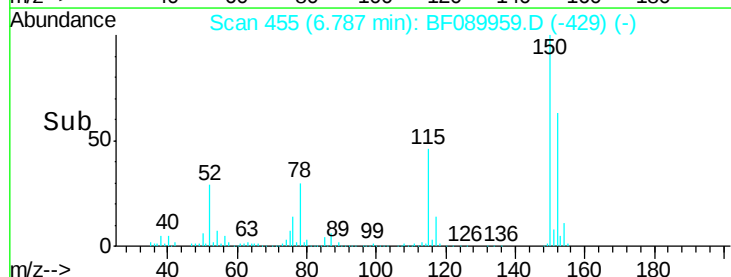
77 91.1 50.1 75.1#

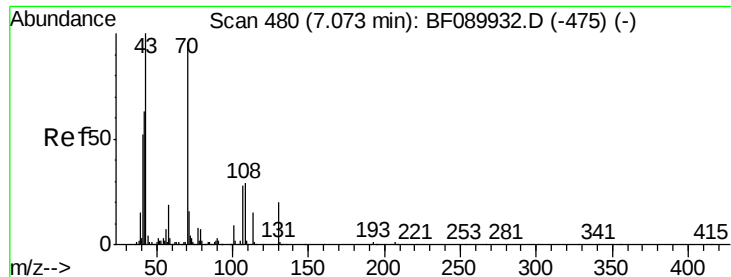


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

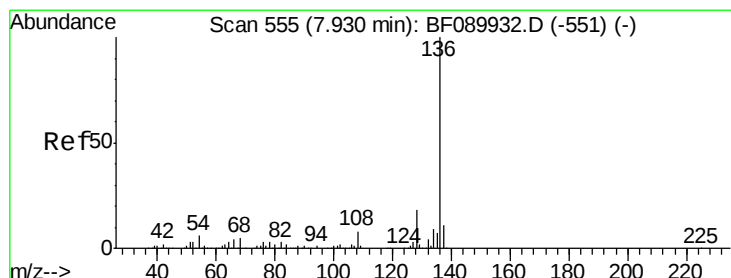
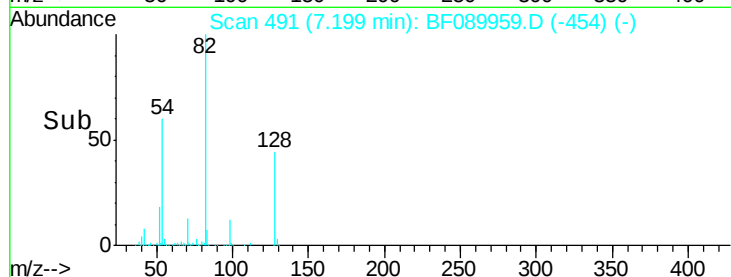
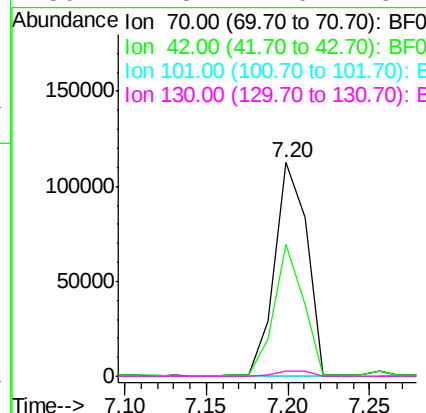
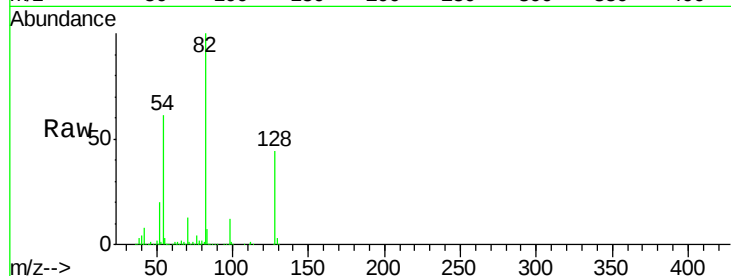




#19
 n-Nitroso-di-n-propylamine
 Concen: 16.29 ng
 RT: 7.20 min Scan# 491
 Delta R.T. 0.13 min
 Lab File: BF089959.D
 Acq: 31 Aug 2016 19:21

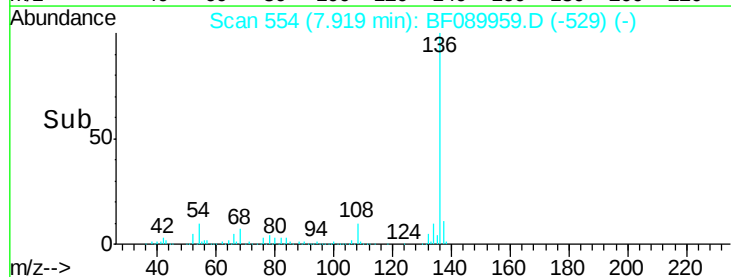
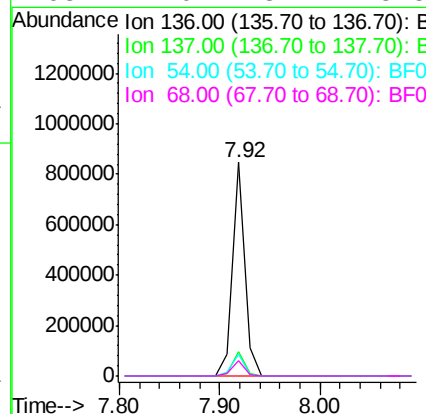
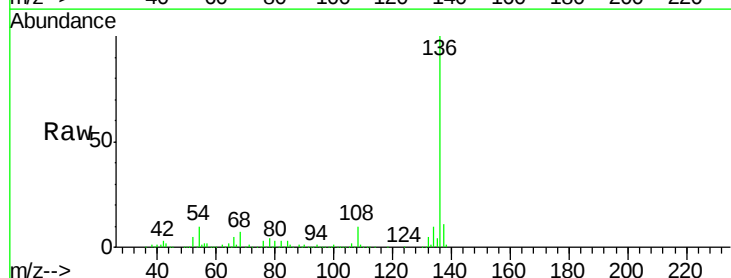
Instrument :
 BNA_F
 ClientSampleId :
 EME-PLANTING-SOIL

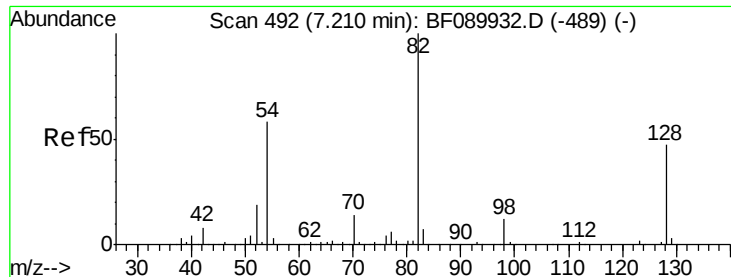
Tgt Ion: 70 Resp: 156682
 Ion Ratio Lower Upper
 70 100
 42 61.8 52.1 78.1
 101 0.0 7.4 11.2#
 130 2.3 17.0 25.4#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF089959.D
 Acq: 31 Aug 2016 19:21

Tgt Ion: 136 Resp: 719934
 Ion Ratio Lower Upper
 136 100
 137 11.3 8.3 12.5
 54 10.3 4.8 7.2#
 68 7.0 3.7 5.5#

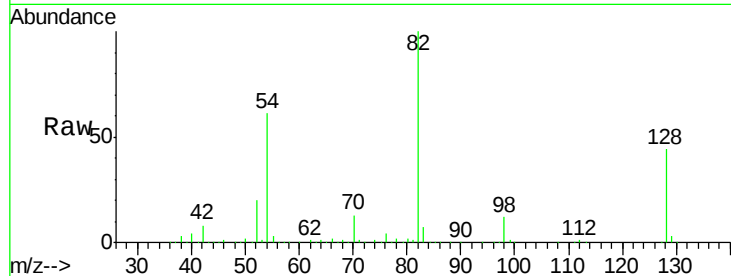




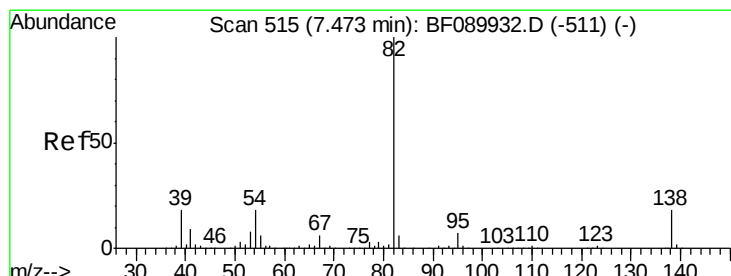
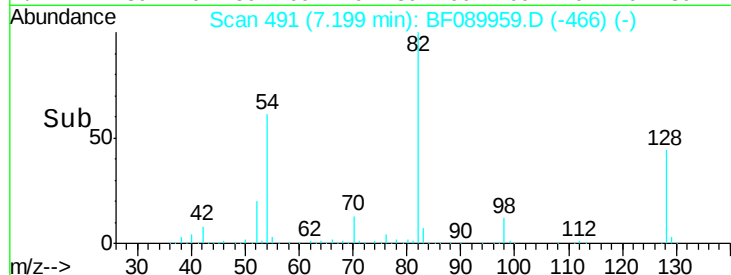
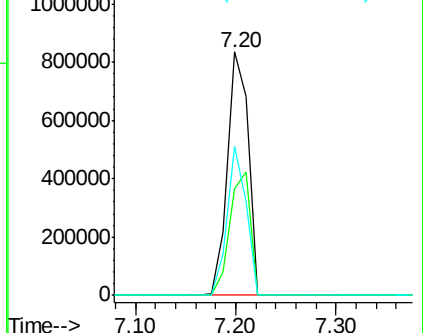
#23
Nitrobenzene-d5
Concen: 96.66 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF089959.D
Acq: 31 Aug 2016 19:21

Instrument :
BNA_F
ClientSampleId :
EME-PLANTING-SOIL

Tgt Ion: 82 Resp: 1199880
Ion Ratio Lower Upper
82 100
128 43.7 37.8 56.8
54 61.0 46.9 70.3

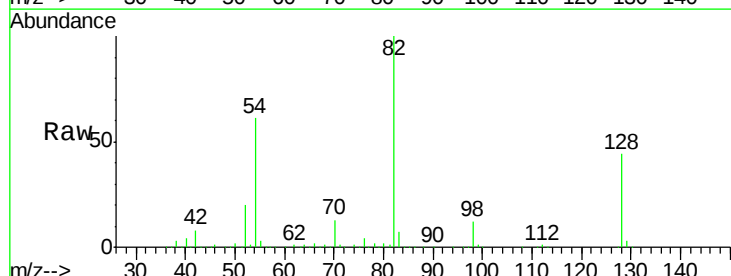


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

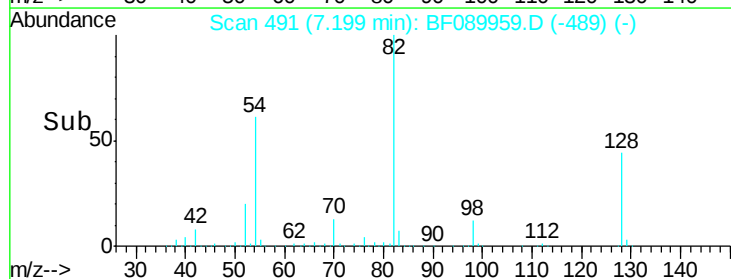
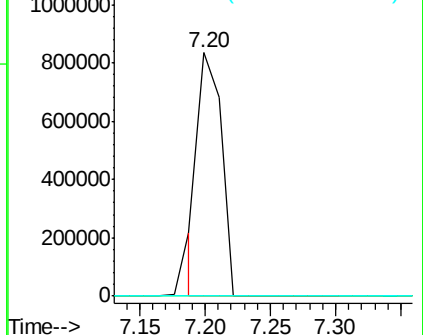


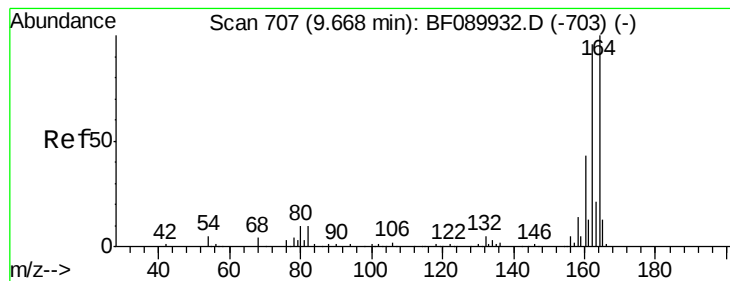
#25
Isophorone
Concen: 41.35 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.27 min
Lab File: BF089959.D
Acq: 31 Aug 2016 19:21

Tgt Ion: 82 Resp: 1043692
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.4 21.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF089959.D

Acq: 31 Aug 2016 19:21

Instrument :

BNA_F

ClientSampleId :

EME-PLANTING-SOIL

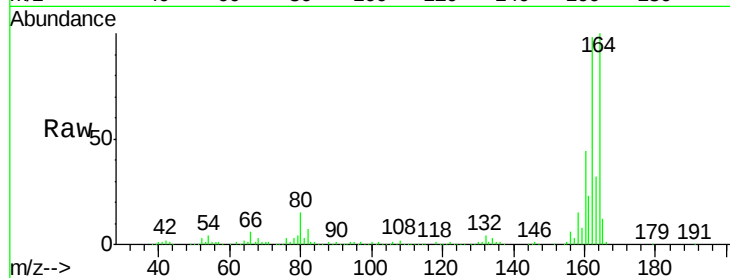
Tgt Ion:164 Resp: 359791

Ion Ratio Lower Upper

164 100

162 98.4 77.1 115.7

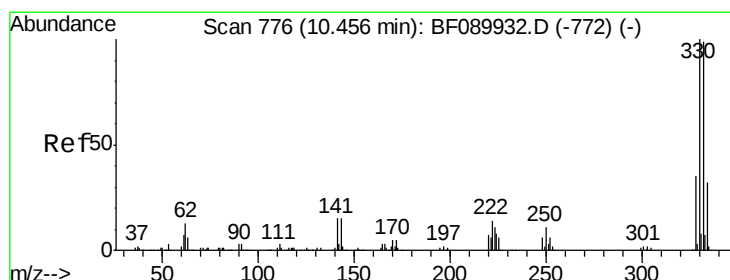
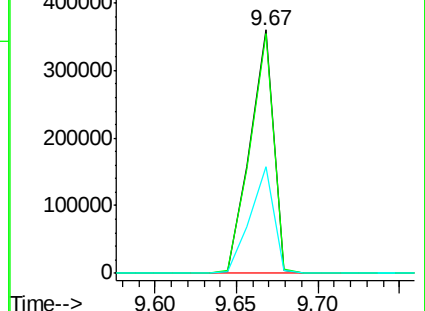
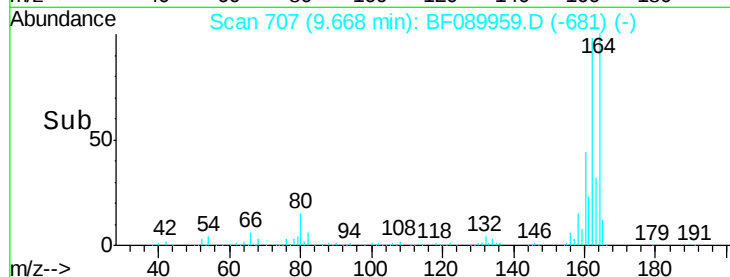
160 43.8 35.3 52.9



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: 113.92 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF089959.D

Acq: 31 Aug 2016 19:21

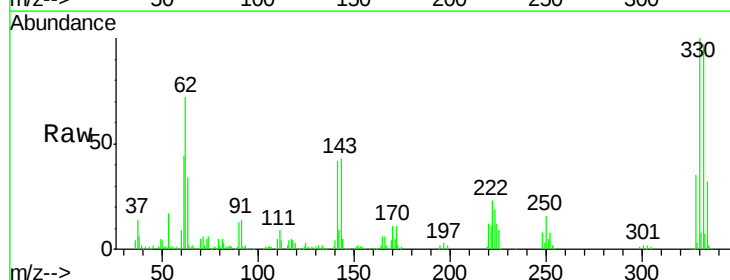
Tgt Ion:330 Resp: 404376

Ion Ratio Lower Upper

330 100

332 96.5 78.6 117.8

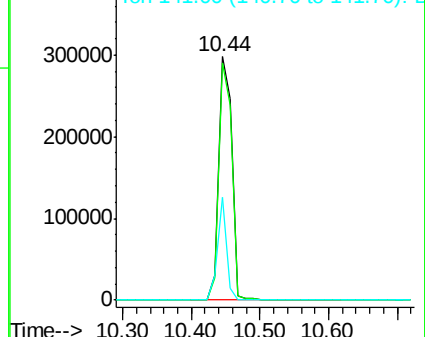
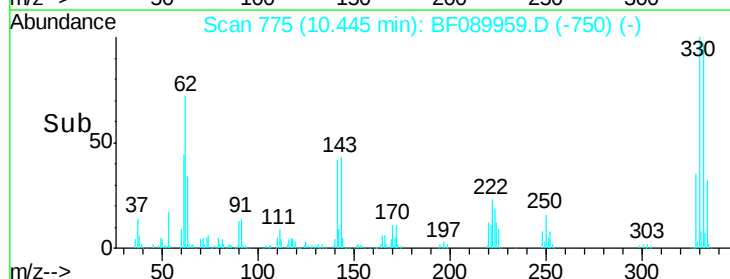
141 29.9 23.3 34.9

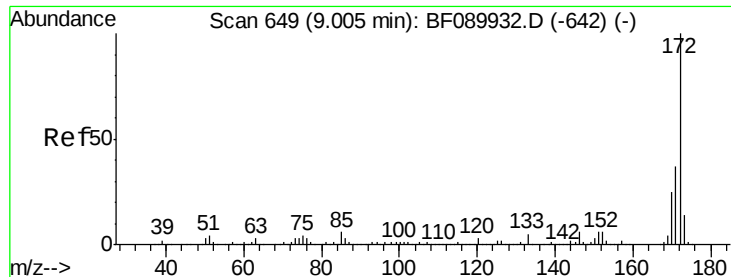


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

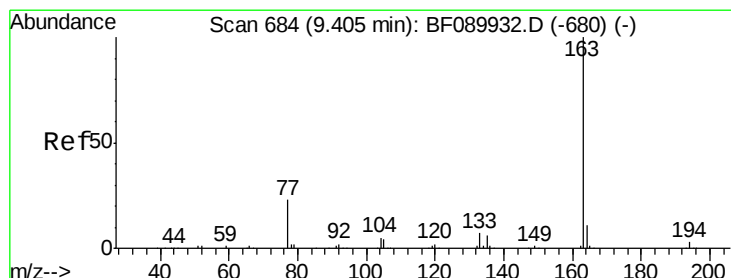
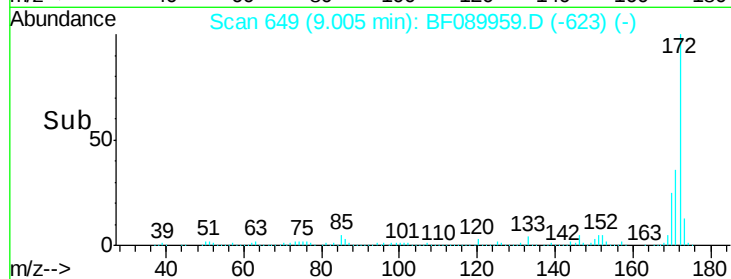
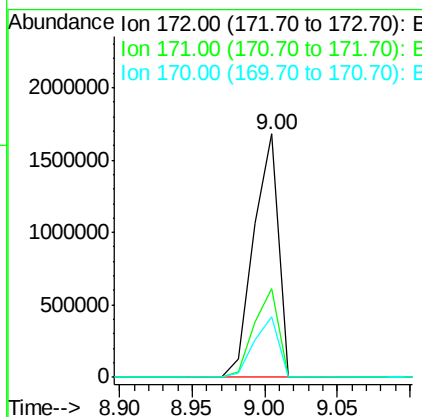
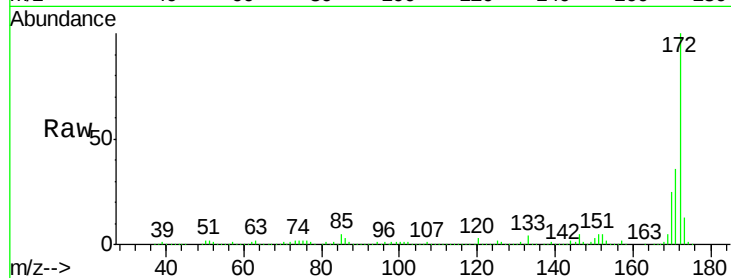




#44
2-Fluorobiphenyl
Concen: 90.09 ng
RT: 9.00 min Scan# 649
Delta R.T. 0.00 min
Lab File: BF089959.D
Acq: 31 Aug 2016 19:21

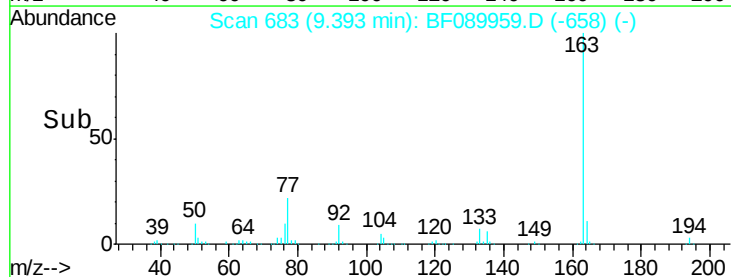
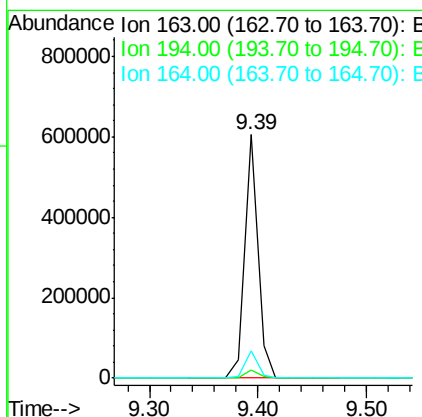
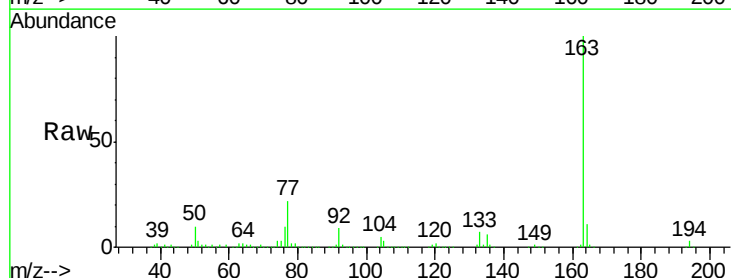
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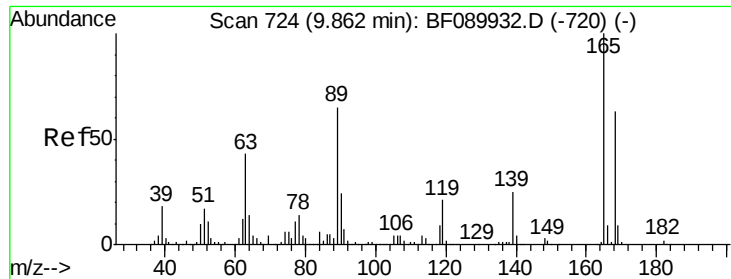
Tgt Ion:172 Resp: 1974616
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.2
170 25.0 20.1 30.1



#49
Dimethylphthalate
Concen: 19.43 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF089959.D
Acq: 31 Aug 2016 19:21

Tgt Ion:163 Resp: 505302
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 11.1 9.0 13.4

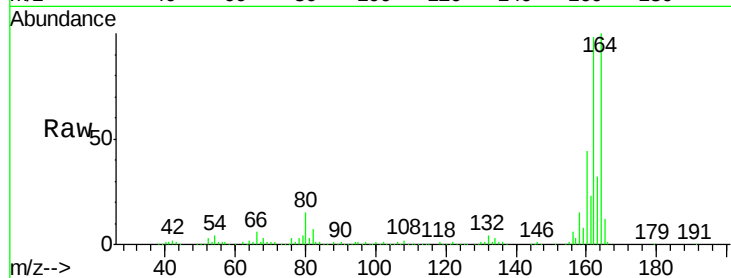




#56
2,4-Dinitrotoluene
Concen: 6.32 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.19 min
Lab File: BF089959.D
Acq: 31 Aug 2016 19:21

Instrument :
BNA_F
ClientSampleId :
EME-PLANTING-SOIL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	32.5	48.7#
89	1.3	48.3	72.5#
182	0.0	1.7	2.5#

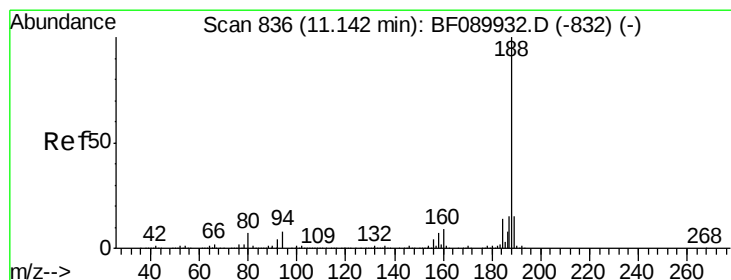
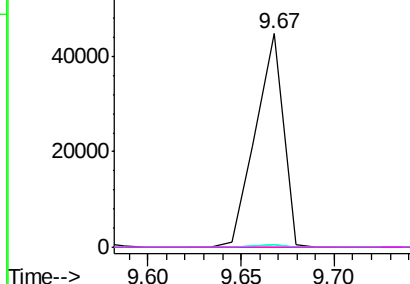
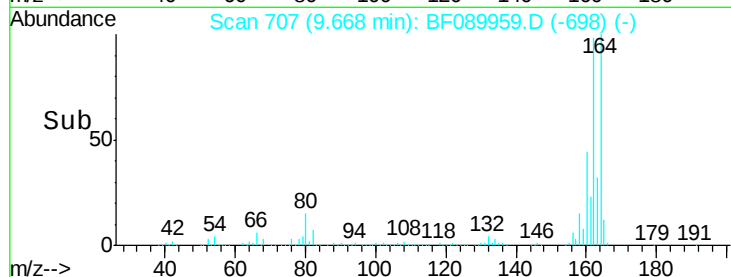


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

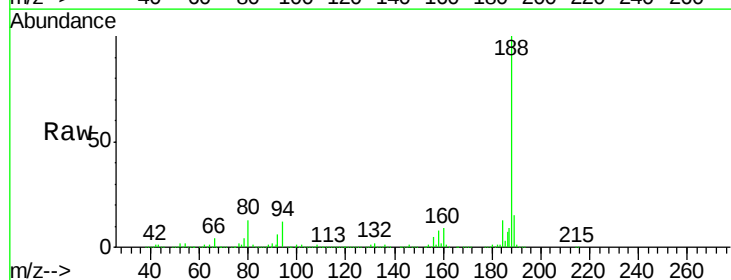
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF089959.D
Acq: 31 Aug 2016 19:21

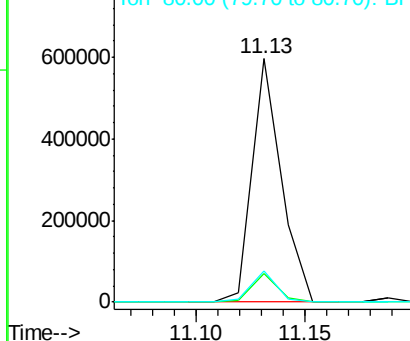
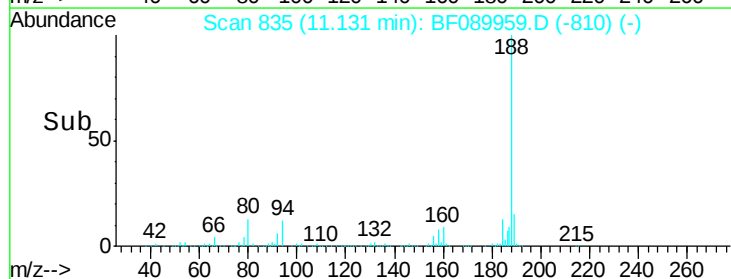
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.9	5.9	8.9#
80	12.9	5.8	8.8#

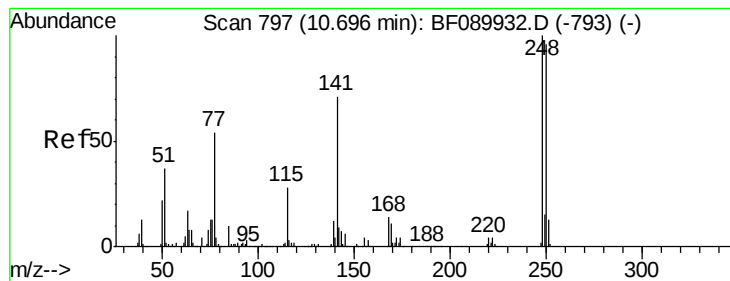


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.46 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.25 min

Lab File: BF089959.D

Acq: 31 Aug 2016 19:21

Instrument :

BNA_F

ClientSampleId :

EME-PLANTING-SOIL

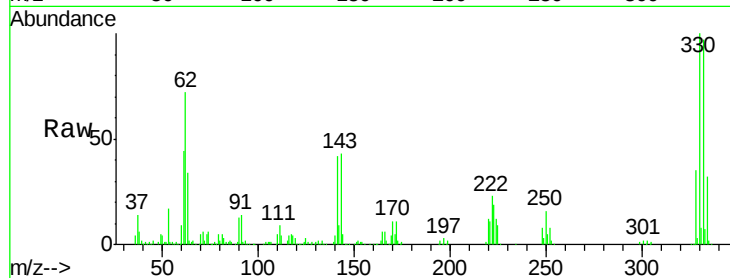
Tgt Ion:248 Resp: 25025

Ion Ratio Lower Upper

248 100

250 200.2 77.3 115.9#

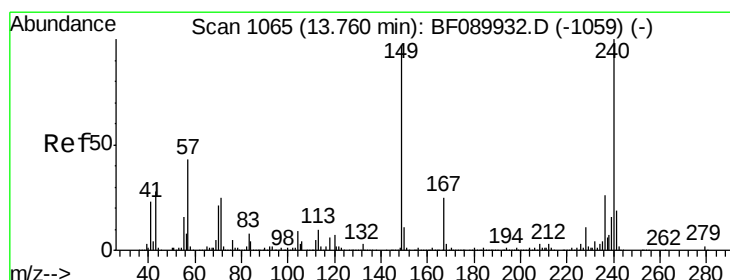
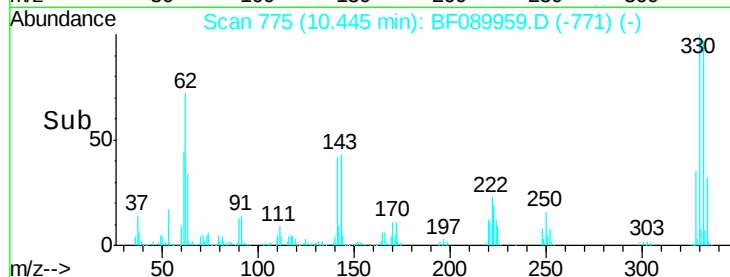
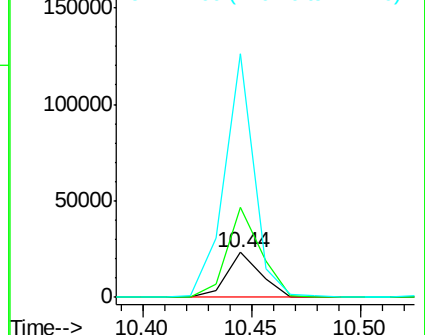
141 540.4 55.8 83.8#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF089959.D

Acq: 31 Aug 2016 19:21

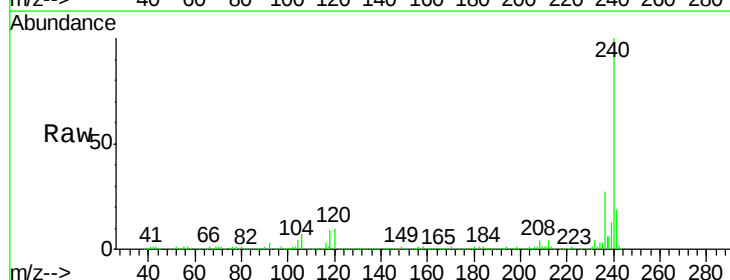
Tgt Ion:240 Resp: 450802

Ion Ratio Lower Upper

240 100

120 10.3 5.7 8.5#

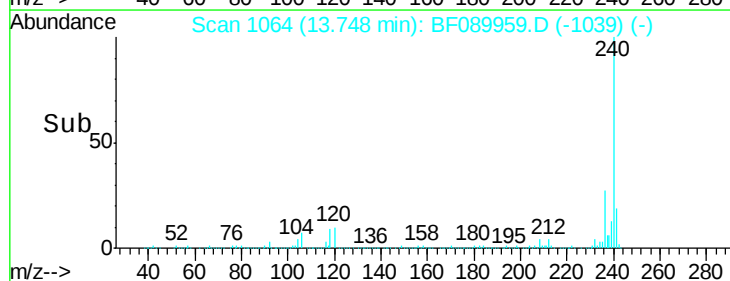
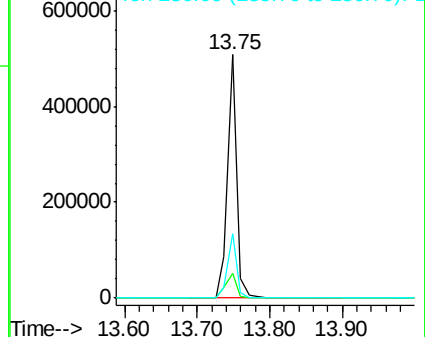
236 26.6 21.3 31.9

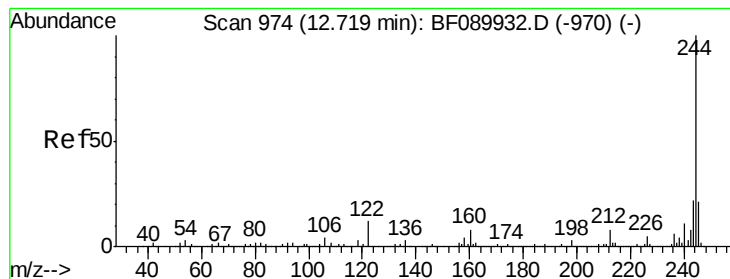


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 70.47 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF089959.D

Acq: 31 Aug 2016 19:21

Instrument :

BNA_F

ClientSampleId :

EME-PLANTING-SOIL

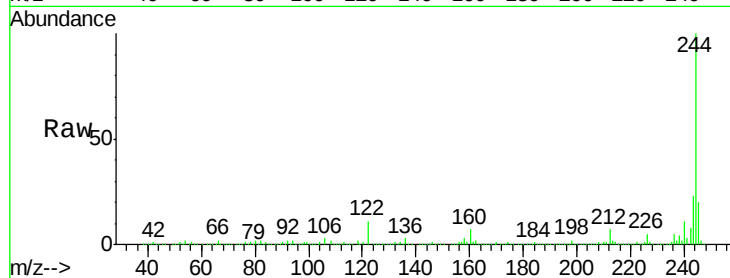
Tgt Ion:244 Resp: 1285967

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

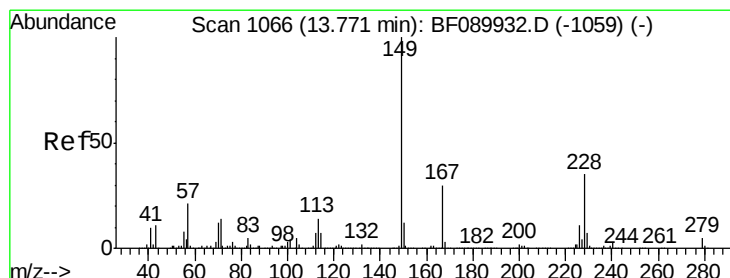
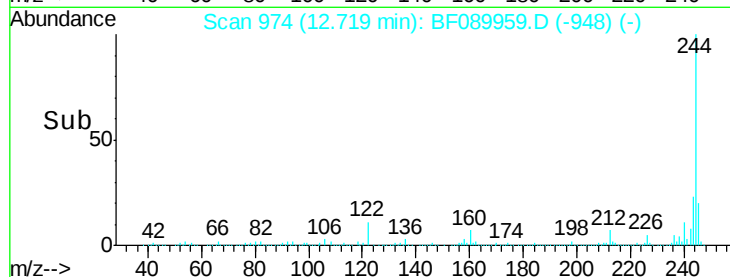
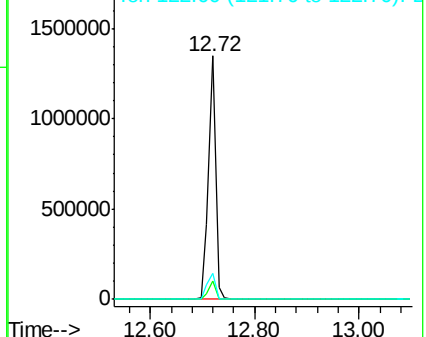
122 10.6 9.6 14.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 6.64 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF089959.D

Acq: 31 Aug 2016 19:21

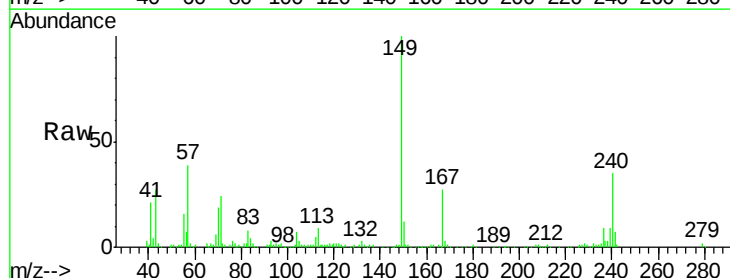
Tgt Ion:149 Resp: 117773

Ion Ratio Lower Upper

149 100

167 26.9 23.6 35.4

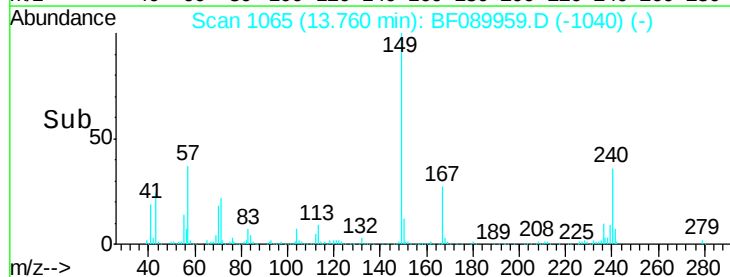
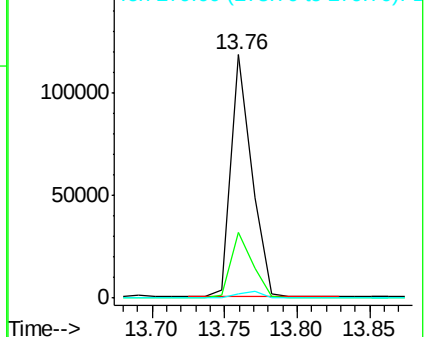
279 1.9 3.4 5.2#

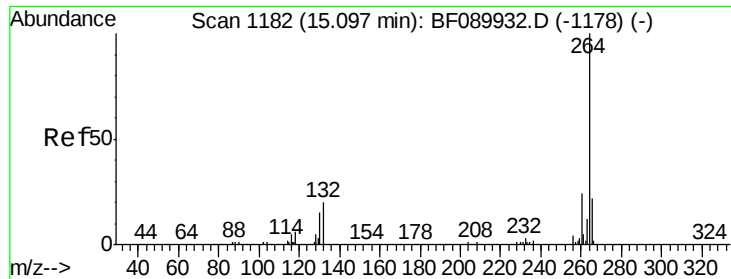


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

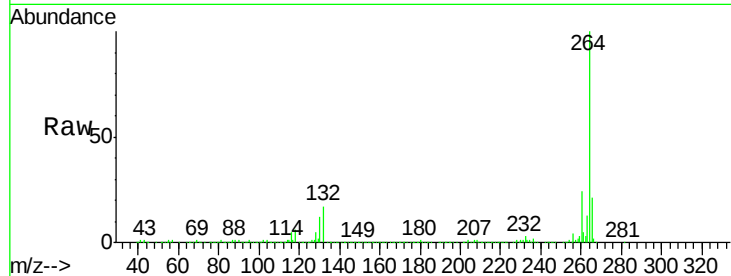




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF089959.D
Acq: 31 Aug 2016 19:21

Instrument :
BNA_F
ClientSampleId :
EME-PLANTING-SOIL

Tgt Ion: 264 Resp: 444754
Ion Ratio Lower Upper
264 100
260 23.7 19.4 29.0
265 21.2 17.4 26.2



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

