

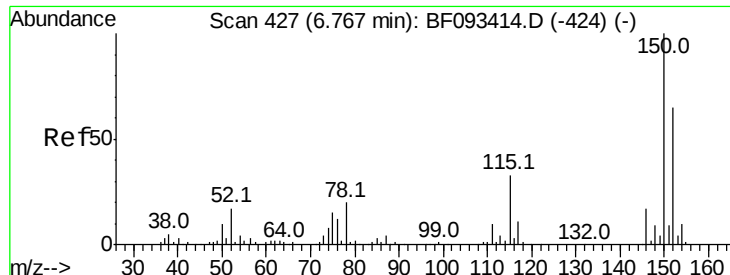
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093496.D
 Acq On : 10 Mar 2017 00:52
 Operator : SJ/MA
 Sample : I2154-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-BLEND8-1

Quant Time: Mar 10 04:23:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	202281	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	778606	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	369684	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	649736	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	450848	20.00	ng	-0.01
86) Perylene-d12	15.32	264	383416	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1655939	136.25	ng	0.00
7) Phenol-d6	6.40	99	2105046	137.35	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1486402	105.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	389149	161.57	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	1780163	89.57	ng	-0.02
78) Terphenyl-d14	12.86	244	1513327	87.27	ng	-0.01
Target Compounds						
6) Aniline	6.42	93	77203	3.67	ng	# 35
10) Phenol	6.41	94	62476	3.33	ng	# 31
15) Benzyl Alcohol	6.90	79	25930	2.37	ng	# 43
19) n-Nitroso-di-n-propylamine	7.33	70	200559	19.03	ng	# 76
25) Isophorone	7.33	82	1464150	51.74	ng	# 65
49) Dimethylphthalate	9.51	163	515125	21.02	ng	99
56) 2,4-Dinitrotoluene	9.78	165	46887	7.10	ng	# 20
66) 4-Bromophenyl-phenylether	10.58	248	28225	4.11	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF093496.D

Acq: 10 Mar 2017 00:52

Instrument :

BNA_F

ClientSampleId :

EME-BLEND8-1

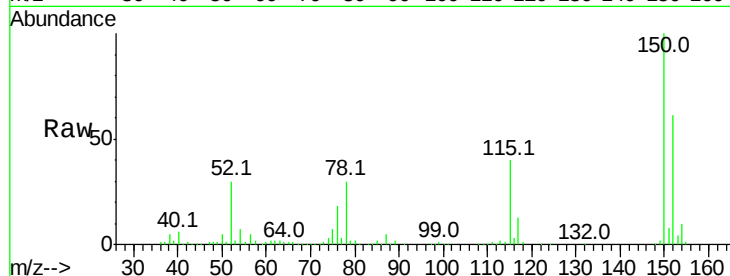
Tot Ion:152 Resp: 202281

Ion Ratio Lower Upper

152 100

150 163.0 124.9 187.3

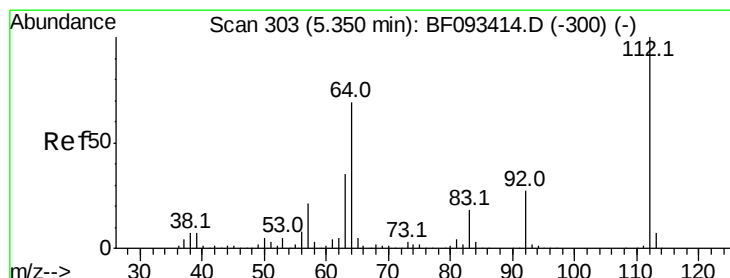
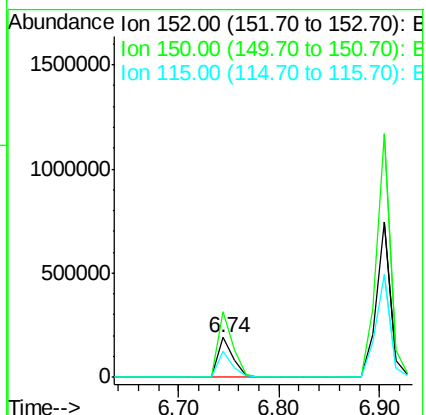
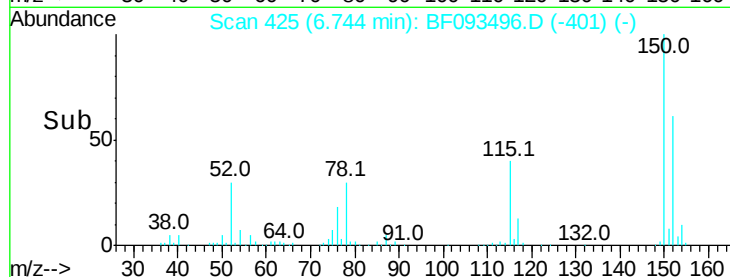
115 65.9 46.0 69.0



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



#5

2-Fluorophenol

Concen: 136.25 ng

RT: 5.35 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF093496.D

Acq: 10 Mar 2017 00:52

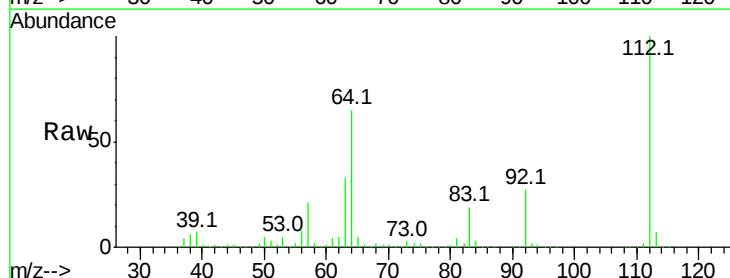
Tgt Ion:112 Resp: 1655939

Ion Ratio Lower Upper

112 100

64 65.1 46.1 69.1

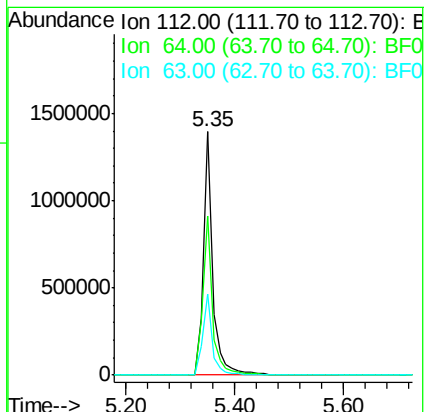
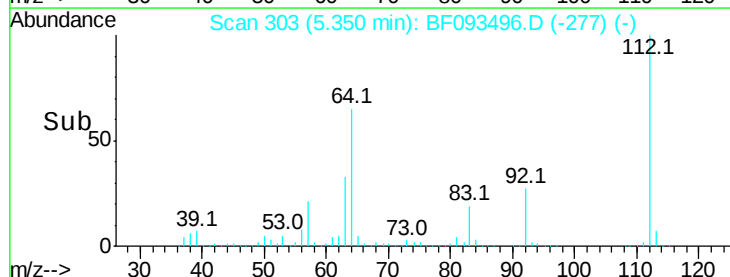
63 33.1 23.8 35.6

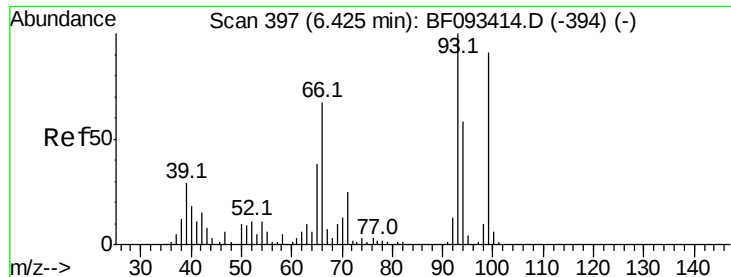


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 3.67 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF093496.D

Acq: 10 Mar 2017 00:52

Instrument :

BNA_F

ClientSampleId :

EME-BLEND8-1

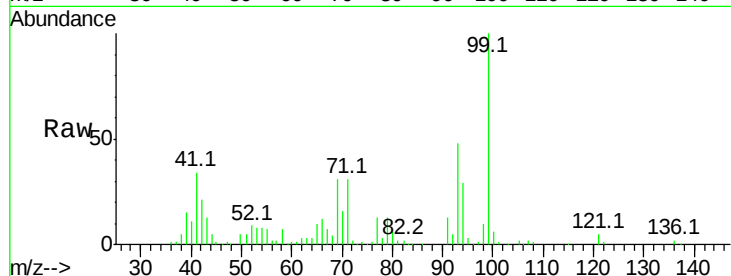
Tot Ion: 93 Resp: 77203

Ion Ratio Lower Upper

93 100

66 24.6 76.2 114.2#

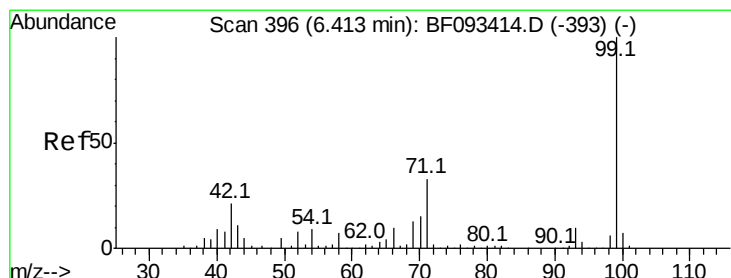
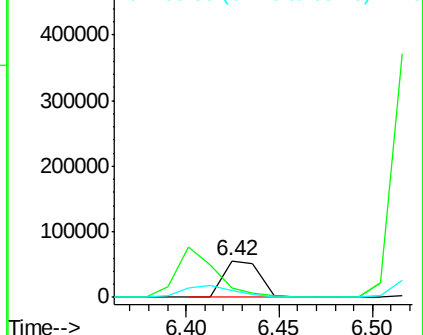
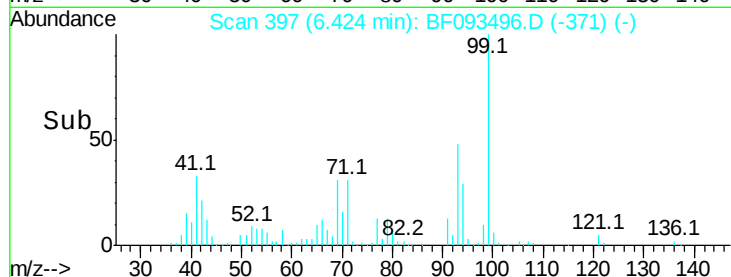
65 19.8 49.3 73.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 137.35 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF093496.D

Acq: 10 Mar 2017 00:52

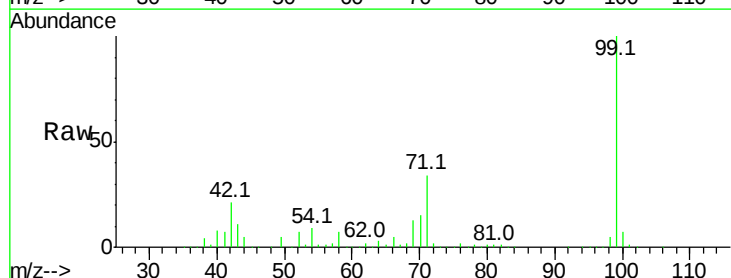
Tgt Ion: 99 Resp: 2105046

Ion Ratio Lower Upper

99 100

42 21.0 15.6 23.4

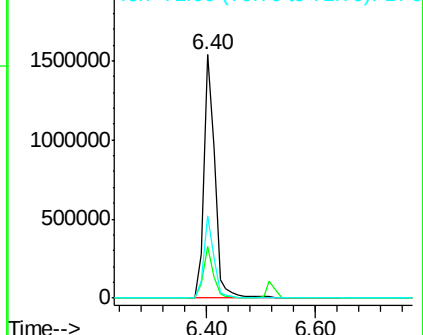
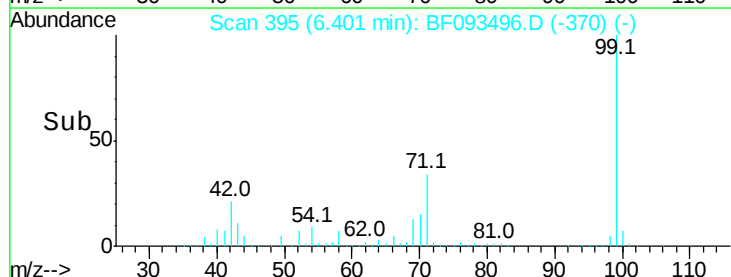
71 34.1 27.5 41.3

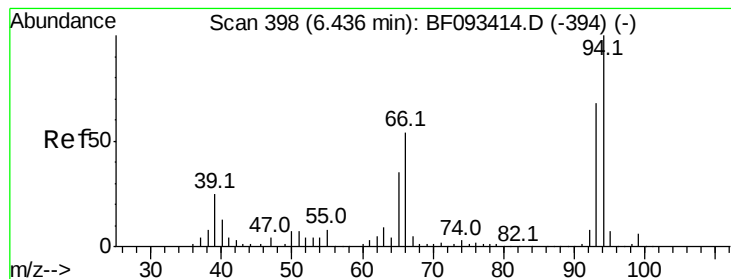


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 3.33 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.02 min

Lab File: BF093496.D

Acq: 10 Mar 2017 00:52

Instrument :

BNA_F

ClientSampleId :

EME-BLEND8-1

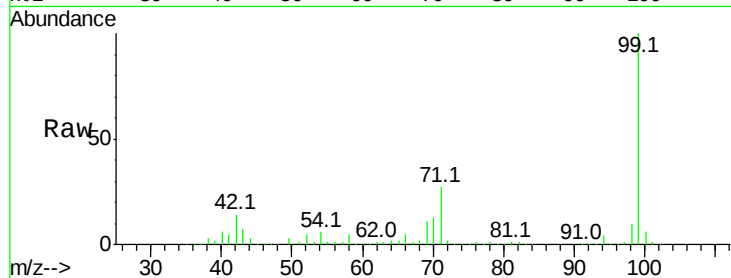
Tot Ion: 94 Resp: 62476

Ion Ratio Lower Upper

94 100

65 51.4 21.4 61.4

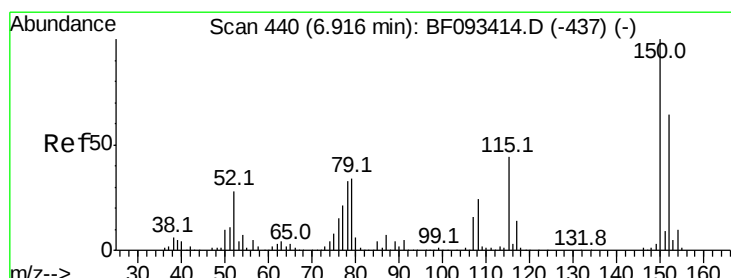
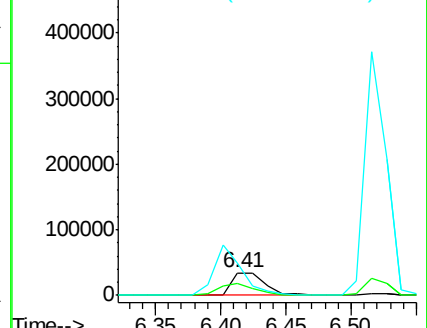
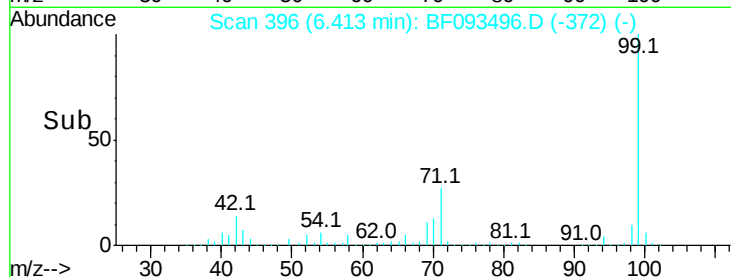
66 144.3 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#15

Benzyl Alcohol

Concen: 2.37 ng

RT: 6.90 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF093496.D

Acq: 10 Mar 2017 00:52

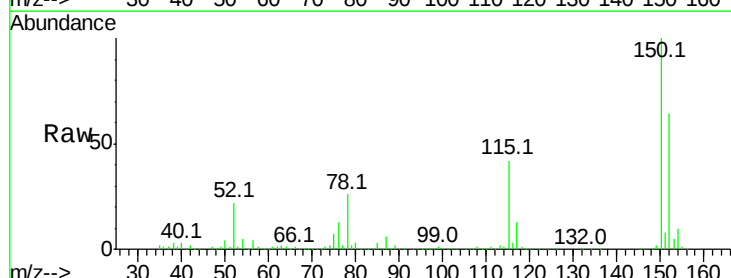
Tgt Ion: 79 Resp: 25930

Ion Ratio Lower Upper

79 100

108 31.9 61.4 92.0#

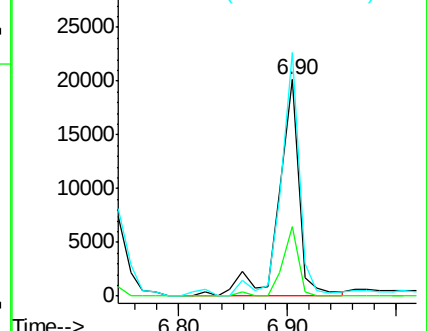
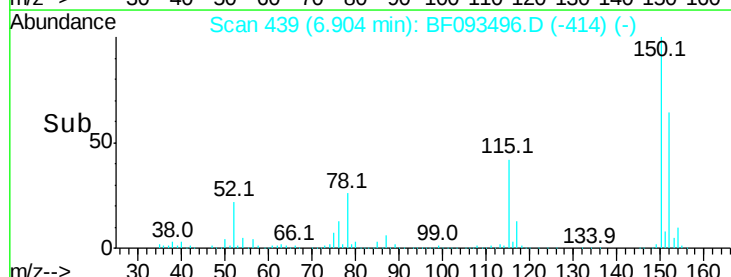
77 112.6 50.9 76.3#

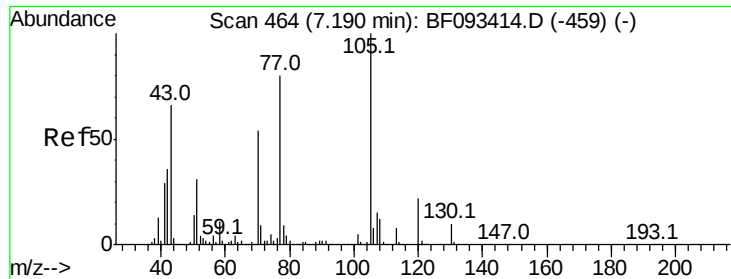


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

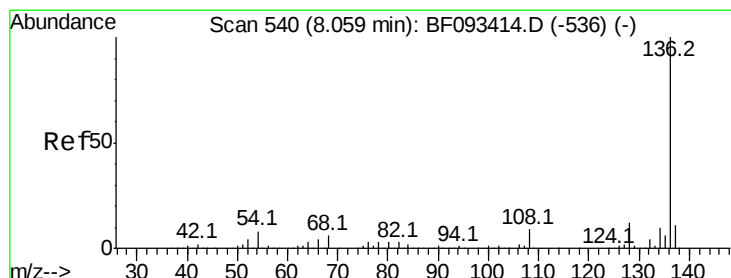
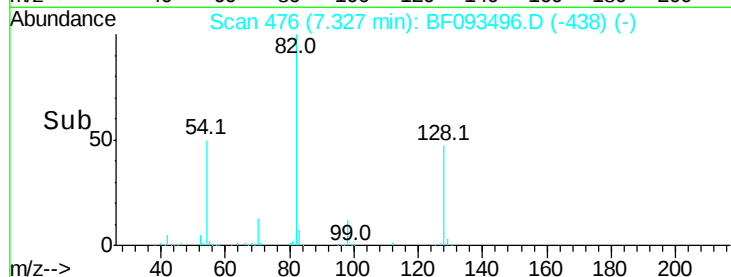
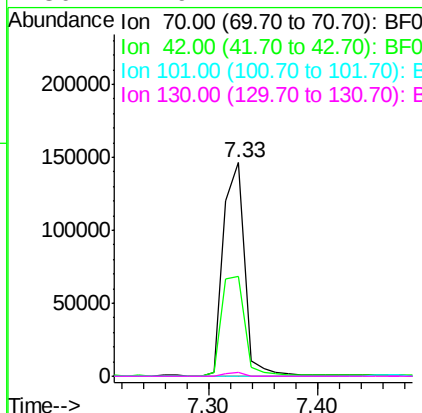
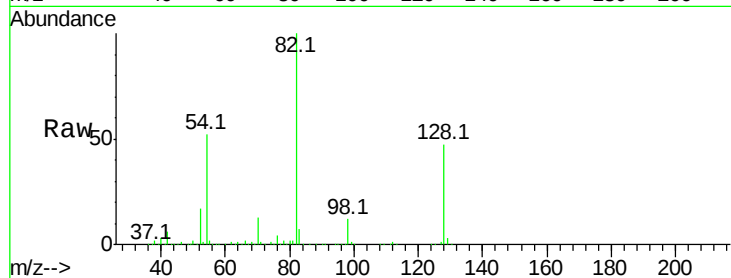




#19
n-Nitroso-di-n-propylamine
Concen: 19.03 ng
RT: 7.33 min Scan# 476
Delta R.T. 0.14 min
Lab File: BF093496.D
Acq: 10 Mar 2017 00:52

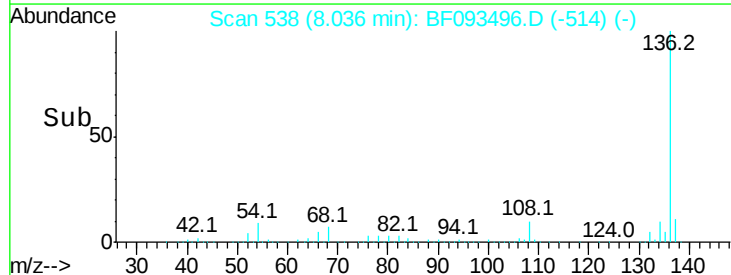
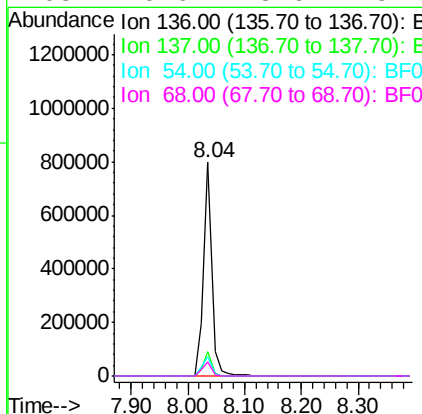
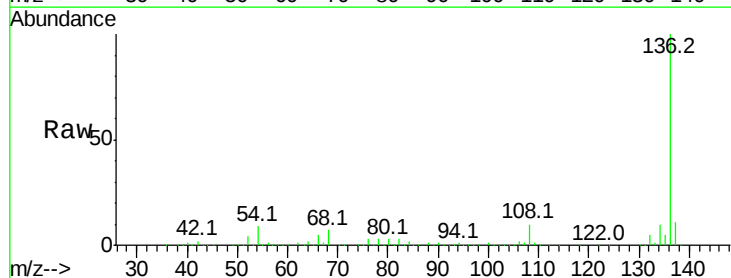
Instrument :
BNA_F
ClientSampleId :
EME-BLEND8-1

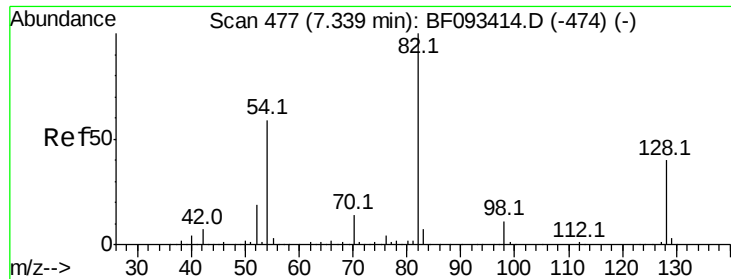
Tot Ion: 70 Resp: 200559
Ion Ratio Lower Upper
70 100
42 46.5 49.4 74.0#
101 0.0 7.4 11.2#
130 1.9 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF093496.D
Acq: 10 Mar 2017 00:52

Tgt Ion:136 Resp: 778606
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 8.7 4.5 6.7#
68 6.6 3.6 5.4#

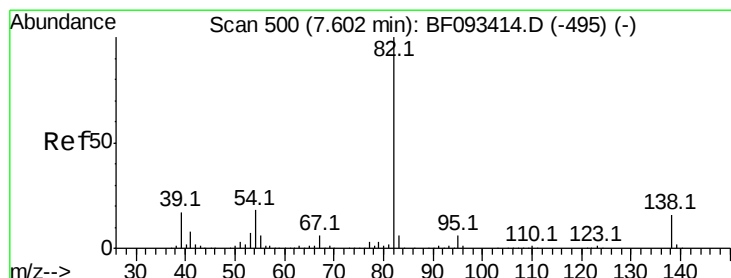
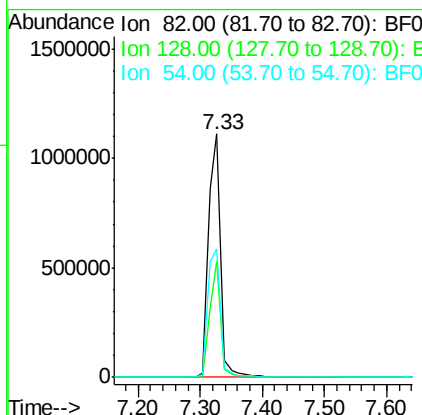
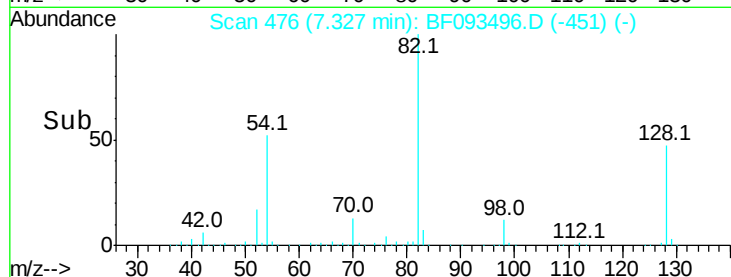
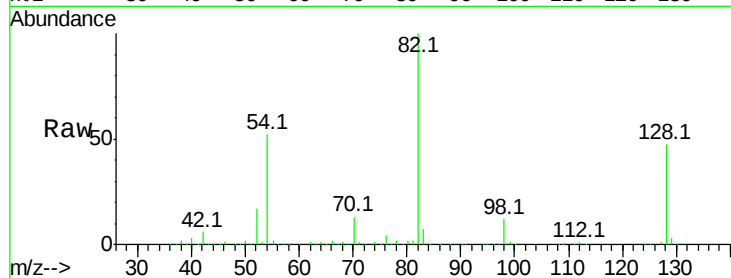




#23
 Nitrobenzene-d5
 Concen: 105.92 ng
 RT: 7.33 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF093496.D
 Acq: 10 Mar 2017 00:52

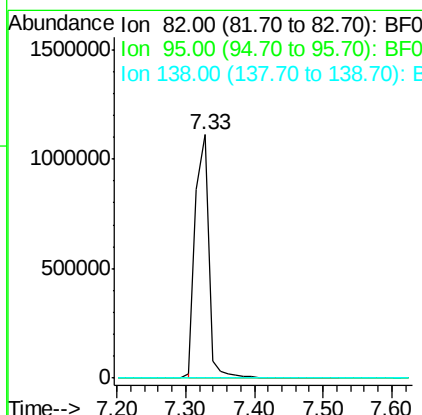
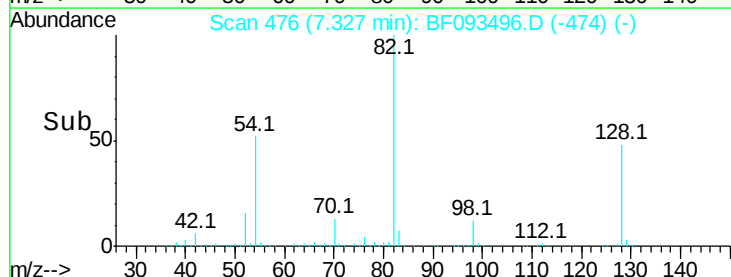
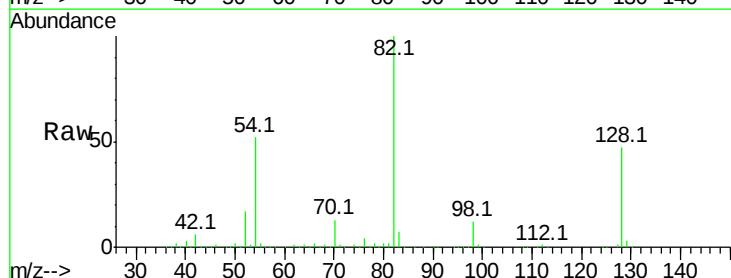
Instrument :
 BNA_F
 ClientSampleId :
 EME-BLEND8-1

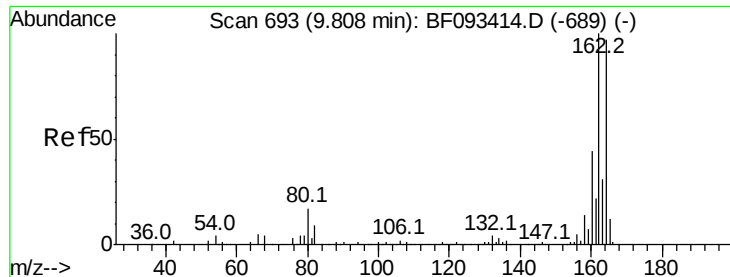
Tot Ion: 82 Resp: 1486402
 Ion Ratio Lower Upper
 82 100
 128 47.4 34.6 52.0
 54 52.5 39.5 59.3



#25
 Isophorone
 Concen: 51.74 ng
 RT: 7.33 min Scan# 476
 Delta R.T. -0.27 min
 Lab File: BF093496.D
 Acq: 10 Mar 2017 00:52

Tgt Ion: 82 Resp: 1464150
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF093496.D

Acq: 10 Mar 2017 00:52

Instrument :

BNA_F

ClientSampleId :

EME-BLEND8-1

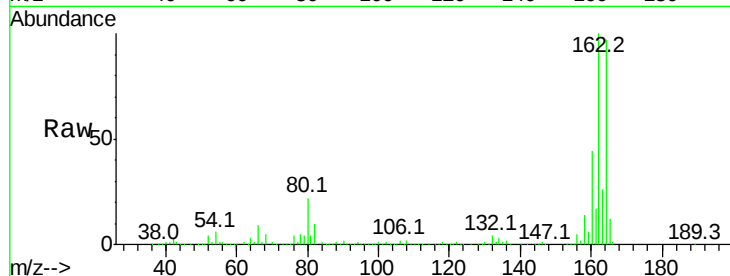
Tot Ion:164 Resp: 369684

Ion Ratio Lower Upper

164 100

162 102.7 80.2 120.2

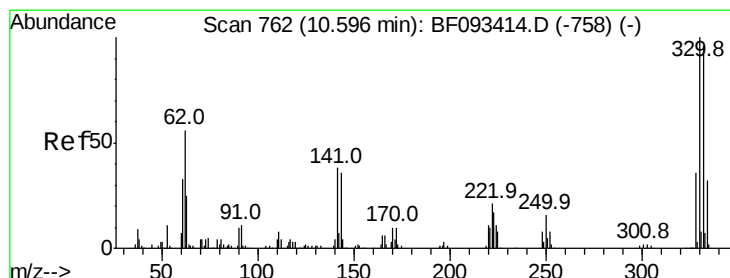
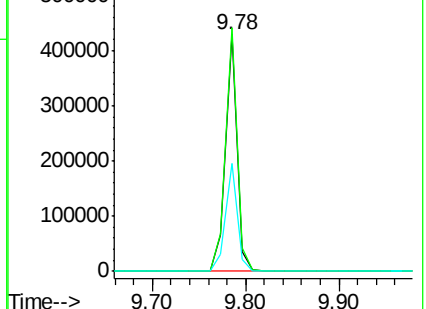
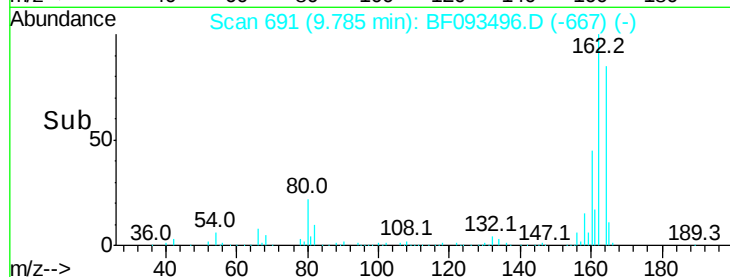
160 45.6 36.9 55.3



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: 161.57 ng

RT: 10.58 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF093496.D

Acq: 10 Mar 2017 00:52

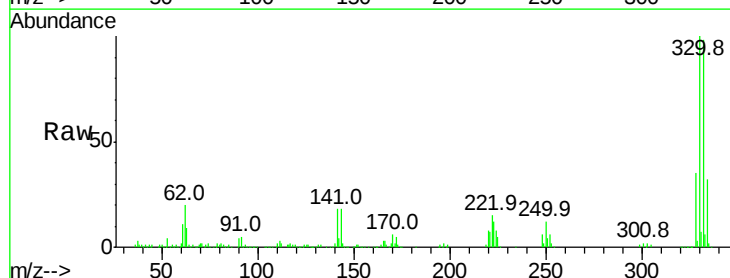
Tgt Ion:330 Resp: 389149

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.2

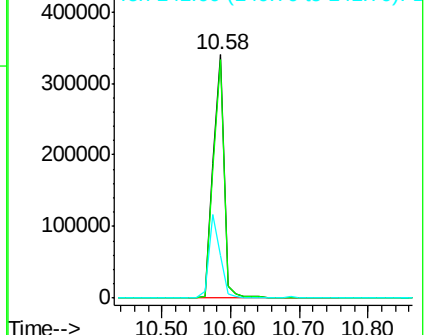
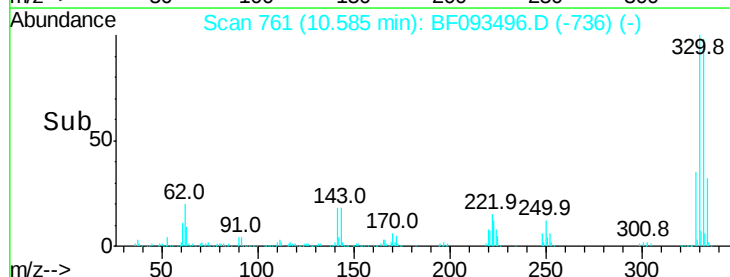
141 35.2 34.1 51.1

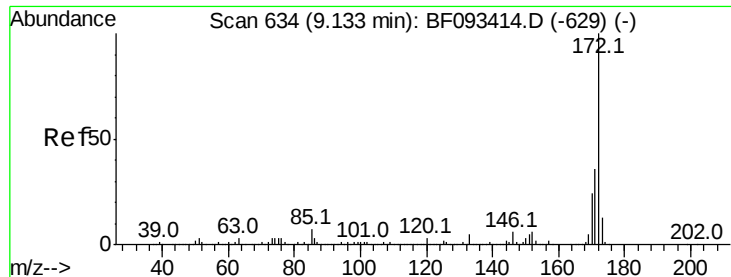


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 89.57 ng

RT: 9.11 min Scan# 632

Delta R.T. -0.02 min

Lab File: BF093496.D

Acq: 10 Mar 2017 00:52

Instrument :

BNA_F

ClientSampleId :

EME-BLEND8-1

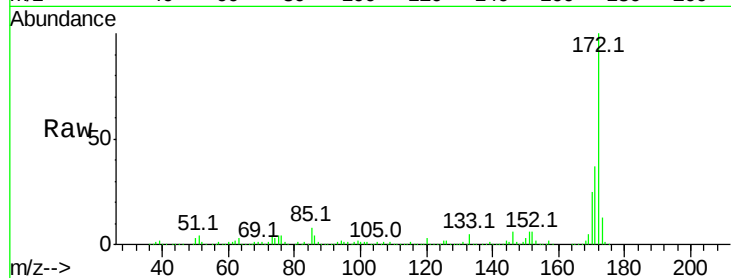
Tot Ion:172 Resp: 1780163

Ion Ratio Lower Upper

172 100

171 37.1 29.4 44.0

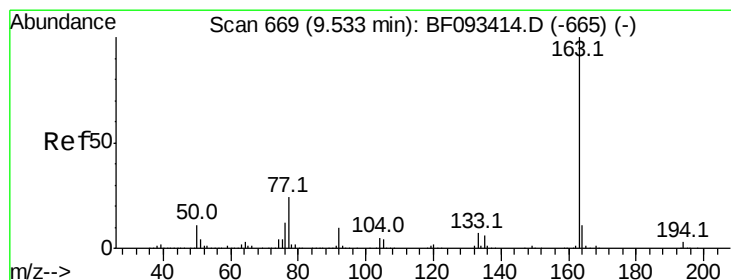
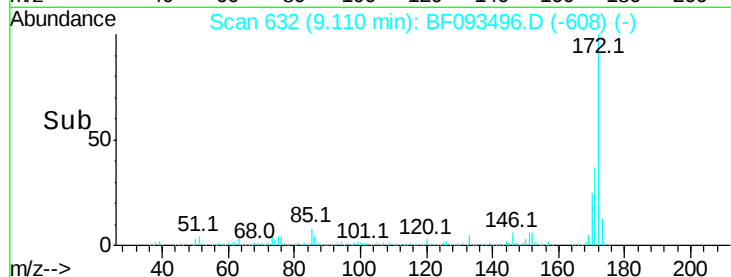
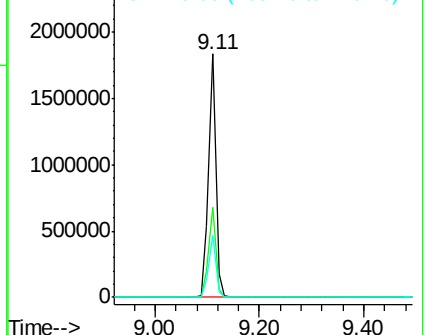
170 25.3 20.2 30.4



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: 21.02 ng

RT: 9.51 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF093496.D

Acq: 10 Mar 2017 00:52

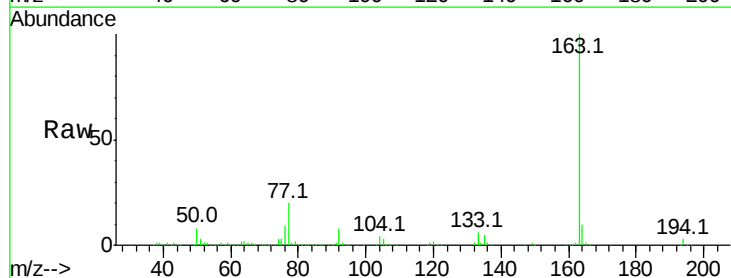
Tgt Ion:163 Resp: 515125

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

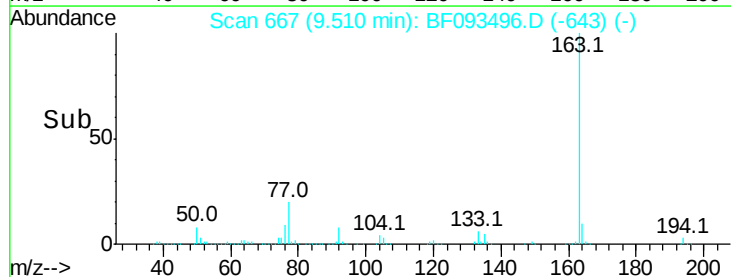
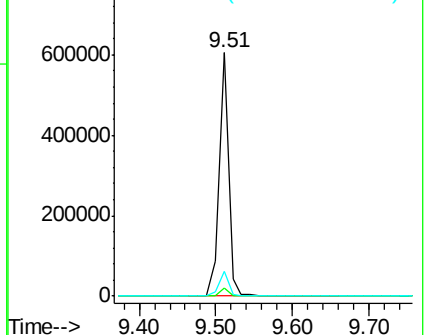
164 10.2 8.0 12.0

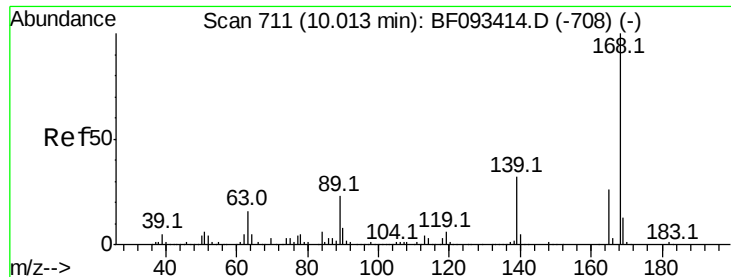


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#56

2,4-Dinitrotoluene

Concen: 7.10 ng

RT: 9.78 min Scan# 691

Delta R.T. -0.23 min

Lab File: BF093496.D

Acq: 10 Mar 2017 00:52

Instrument :

BNA_F

ClientSampleId :

EME-BLEND8-1

Tot Ion:165 Resp: 46887

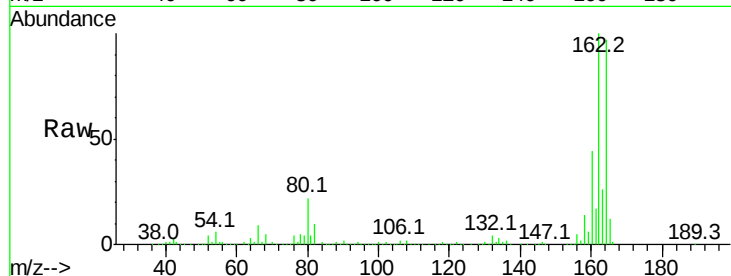
Ion Ratio Lower Upper

165 100

63 1.4 40.2 60.4#

89 1.5 62.5 93.7#

182 0.0 1.8 2.8#

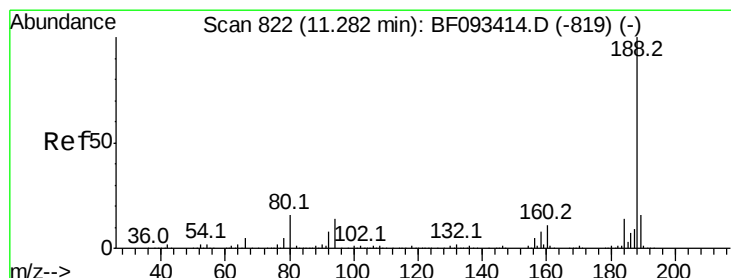
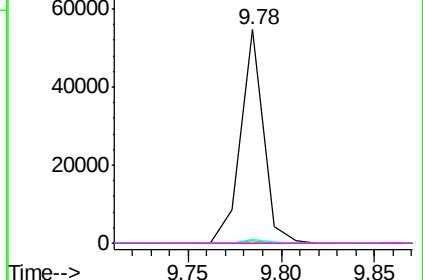
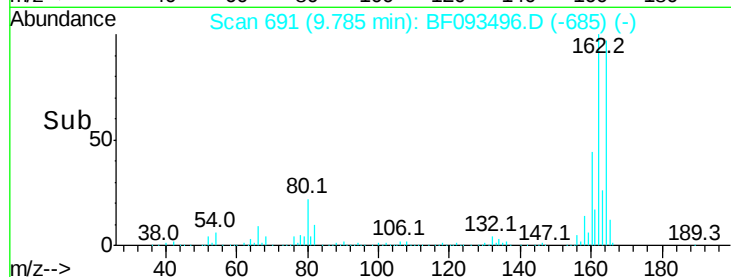


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.27 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF093496.D

Acq: 10 Mar 2017 00:52

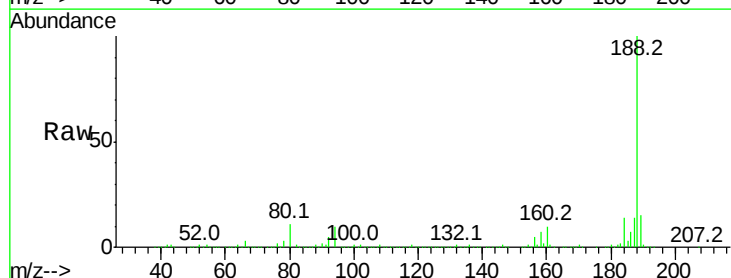
Tgt Ion:188 Resp: 649736

Ion Ratio Lower Upper

188 100

94 10.2 10.0 15.0

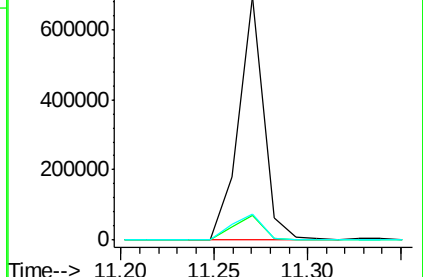
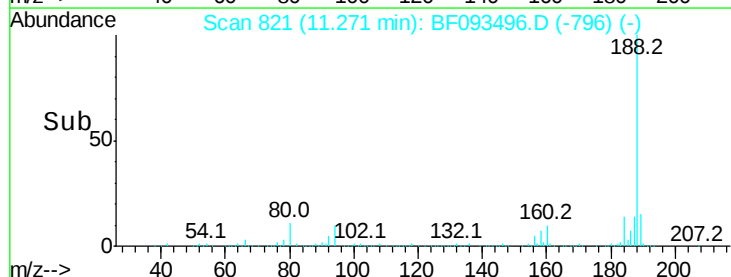
80 10.7 11.2 16.8#

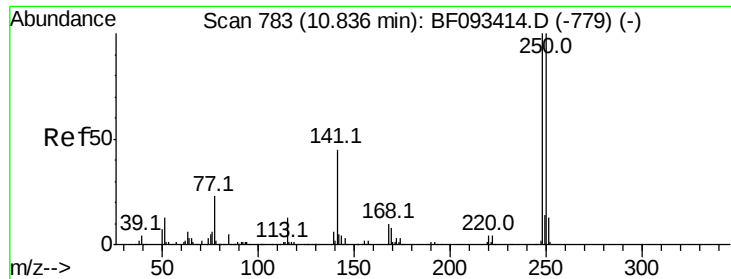


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

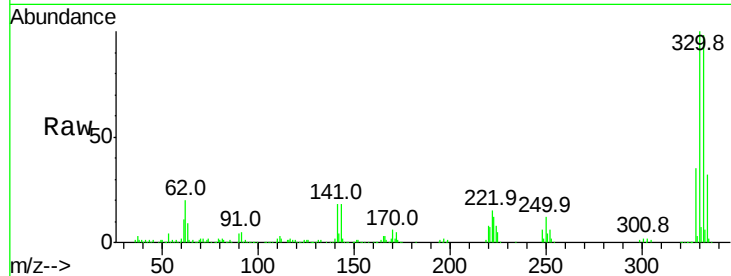




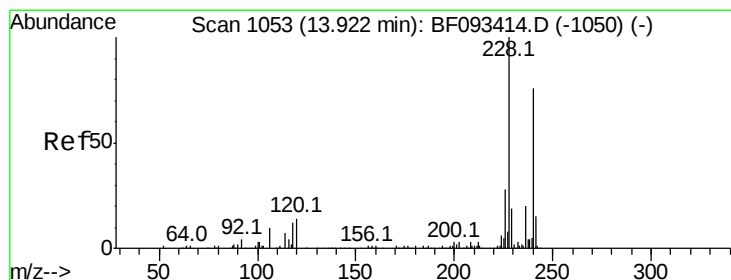
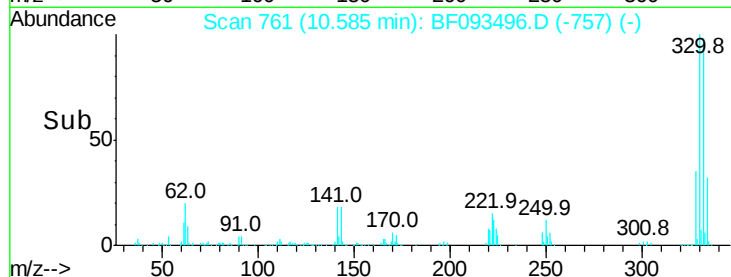
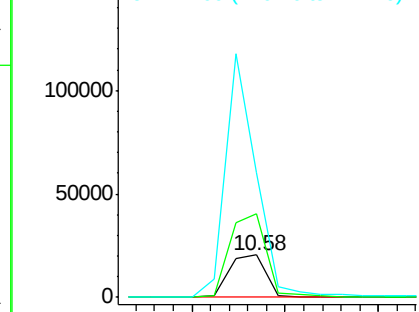
#66
4-Bromophenyl-phenylether
Concen: 4.11 ng
RT: 10.58 min Scan# 761
Delta R.T. -0.25 min
Lab File: BF093496.D
Acq: 10 Mar 2017 00:52

Instrument :
BNA_F
ClientSampleId :
EME-BLEND8-1

Tot Ion:248 Resp: 28225
Ion Ratio Lower Upper
248 100
250 196.6 76.9 115.3#
141 295.2 68.2 102.4#

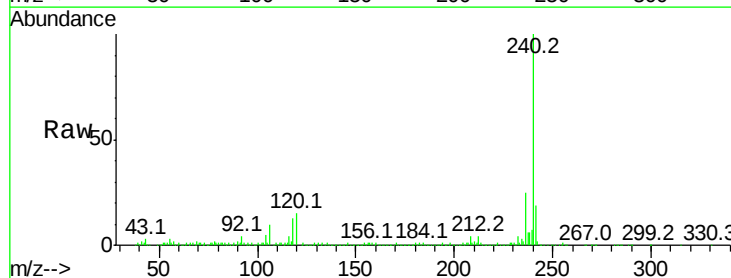


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

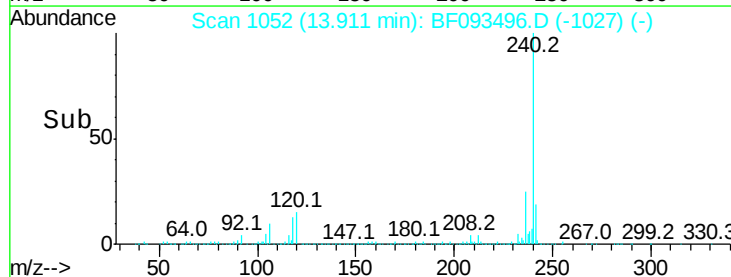
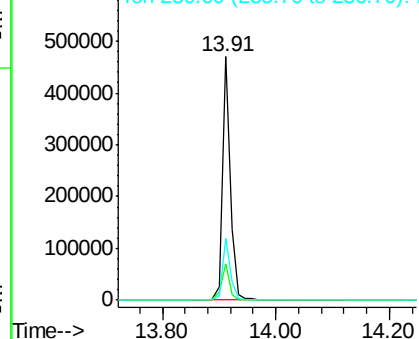


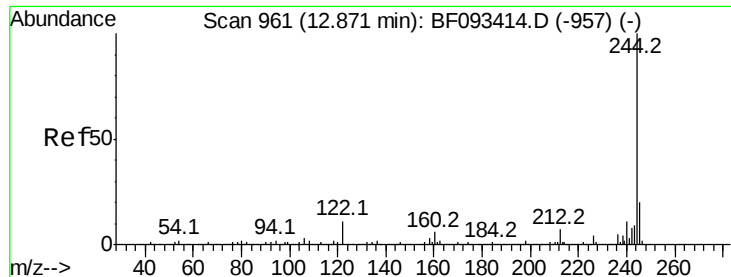
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF093496.D
Acq: 10 Mar 2017 00:52

Tgt Ion:240 Resp: 450848
Ion Ratio Lower Upper
240 100
120 14.8 12.9 19.3
236 25.4 20.9 31.3



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: 87.27 ng

RT: 12.86 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF093496.D

Acq: 10 Mar 2017 00:52

Instrument :

BNA_F

ClientSampleId :

EME-BLEND8-1

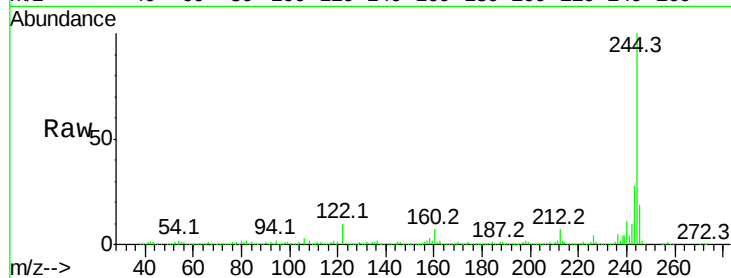
Tot Ion:244 Resp: 1513327

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

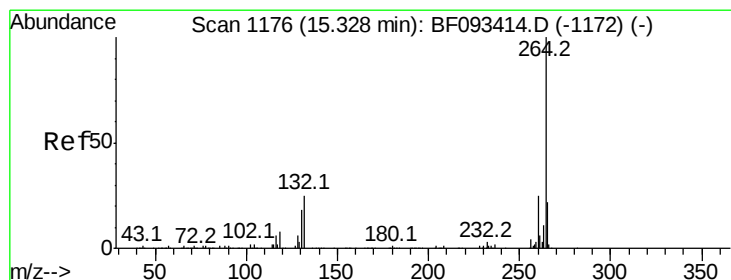
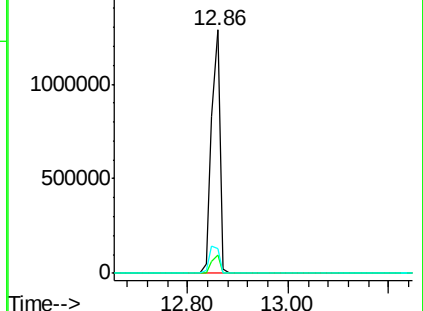
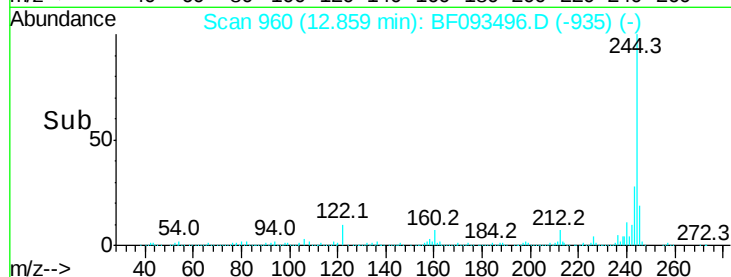
122 10.2 11.4 17.2#



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: 15.32 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF093496.D

Acq: 10 Mar 2017 00:52

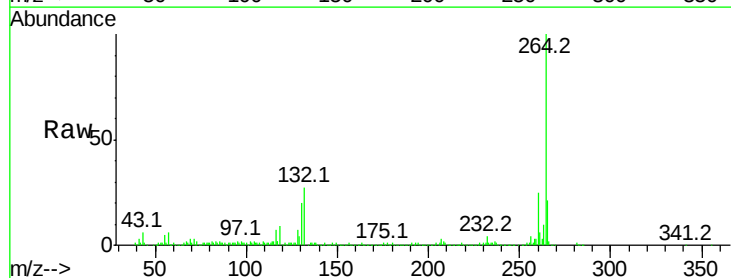
Tgt Ion:264 Resp: 383416

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 21.2 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

