

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093497.D
 Acq On : 10 Mar 2017 1:19
 Operator : SJ/MA
 Sample : I2155-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-BLEND8-01

Quant Time: Mar 10 04:23:58 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

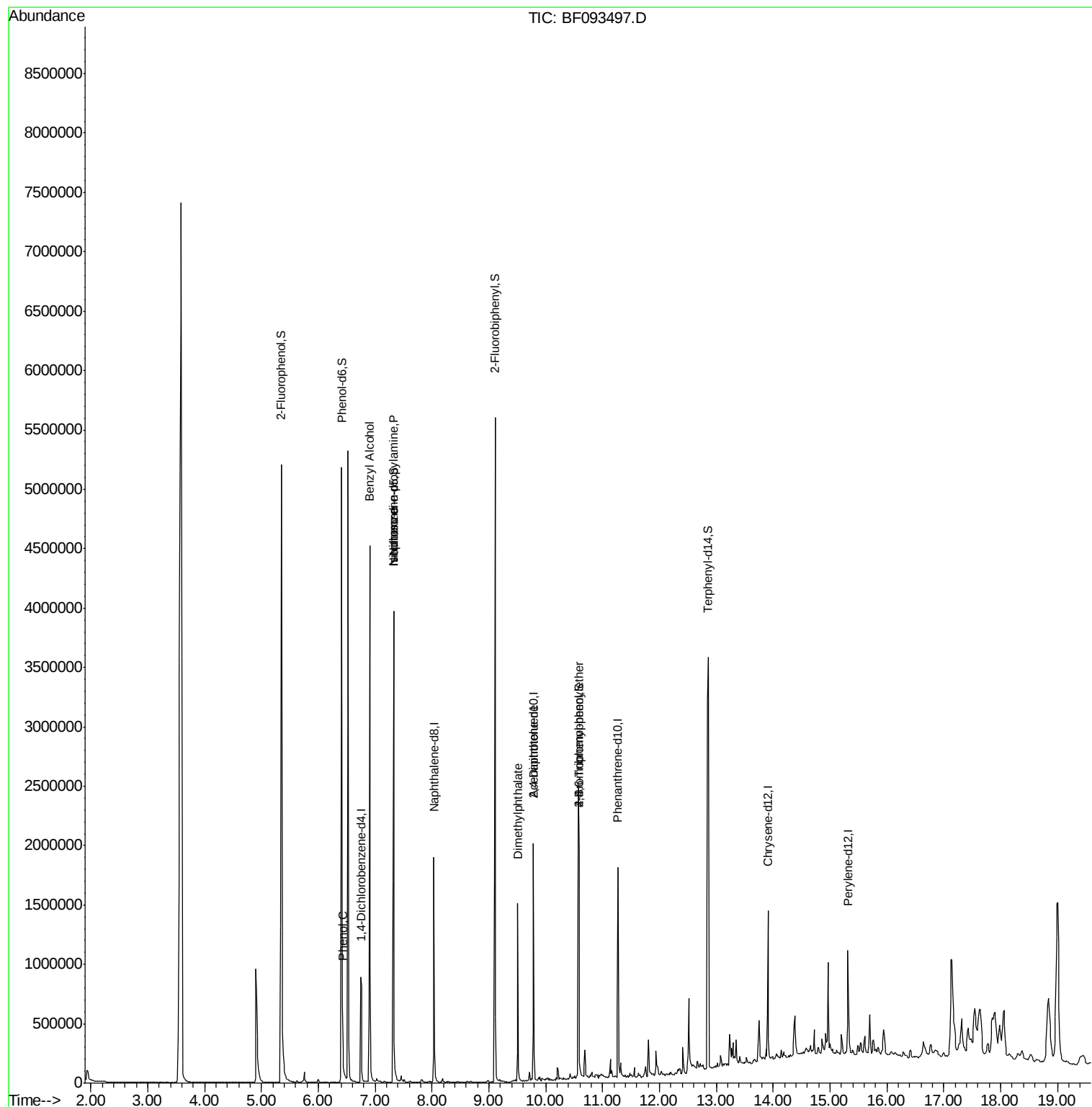
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	197423	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	821547	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	380459	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	663299	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	448947	20.00	ng	-0.01
86) Perylene-d12	15.32	264	387992	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1644328	138.62	ng	0.00
7) Phenol-d6	6.41	99	2301095	153.83	ng	0.00
23) Nitrobenzene-d5	7.33	82	1459029	98.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	403982	162.98	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	1786426	87.34	ng	-0.02
78) Terphenyl-d14	12.86	244	1555505	90.08	ng	-0.01
Target Compounds						
10) Phenol	6.42	94	53435	2.92	ng	Qvalue 81
15) Benzyl Alcohol	6.90	79	22865	2.14	ng	# 45
19) n-Nitroso-di-n-propylamine	7.33	70	199218	19.37	ng	# 81
25) Isophorone	7.33	82	1449116	48.53	ng	# 65
49) Dimethylphthalate	9.51	163	572175	22.68	ng	99
56) 2,4-Dinitrotoluene	9.78	165	49075	7.22	ng	# 20
66) 4-Bromophenyl-phenylether	10.58	248	27868	3.97	ng	# 1

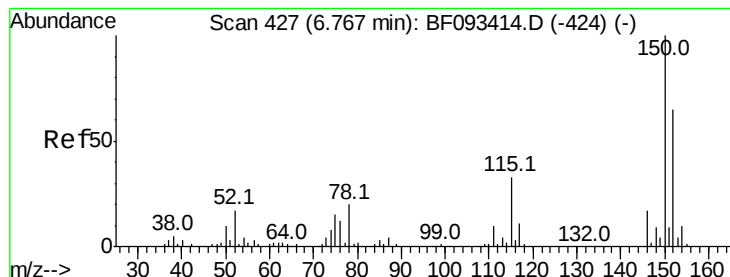
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 426

Delta R.T. -0.01 min

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Instrument :

BNA_F

ClientSampleId :

EME-BLEND8-01

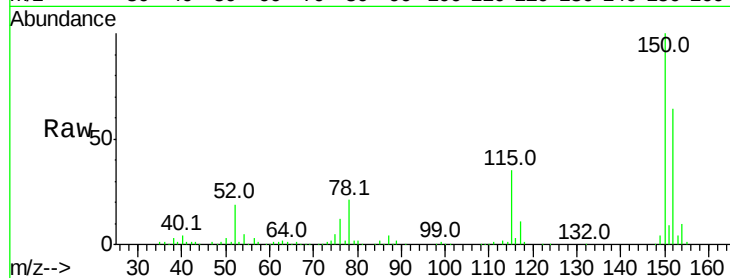
Tot Ion:152 Resp: 197423

Ion Ratio Lower Upper

152 100

150 155.9 124.9 187.3

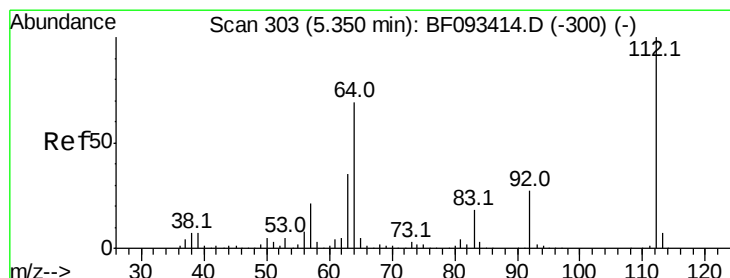
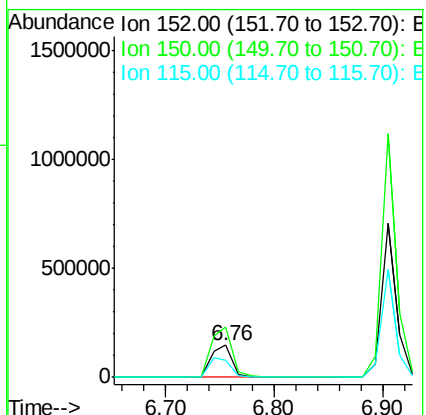
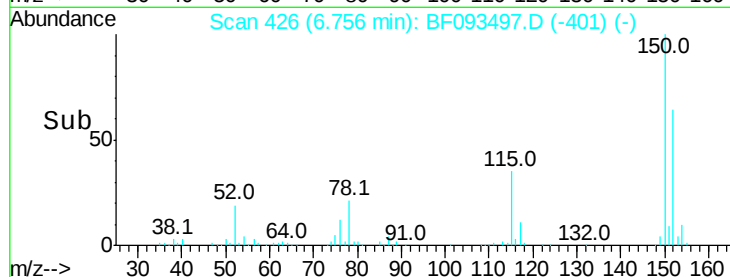
115 54.4 46.0 69.0



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: 138.62 ng

RT: 5.35 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF093497.D

Acq: 10 Mar 2017 1:19

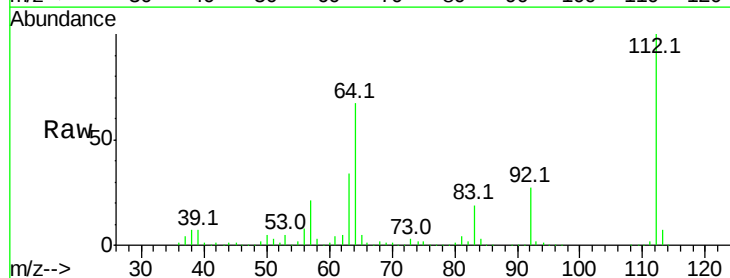
Tgt Ion:112 Resp: 1644328

Ion Ratio Lower Upper

112 100

64 66.8 46.1 69.1

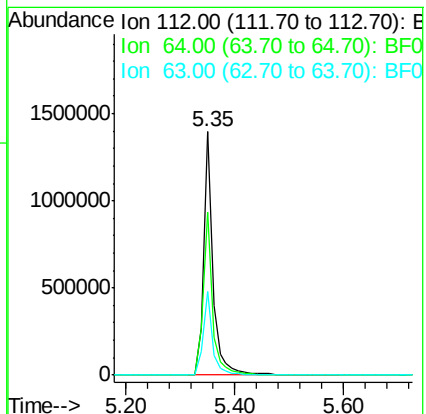
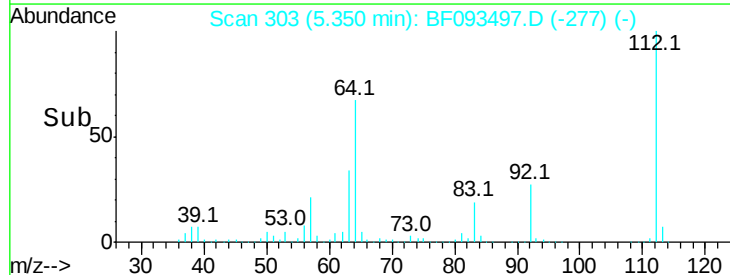
63 34.1 23.8 35.6

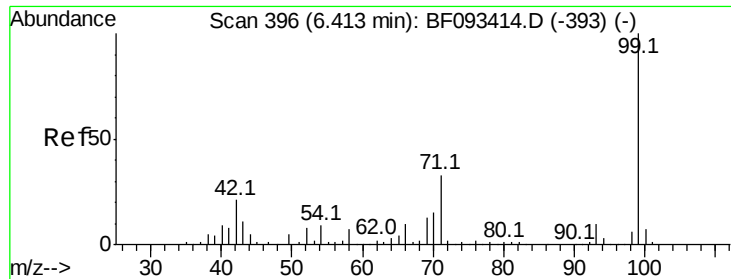


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 153.83 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093497.D

Acq: 10 Mar 2017 1:19

Instrument :

BNA_F

ClientSampleId :

EME-BLEND8-01

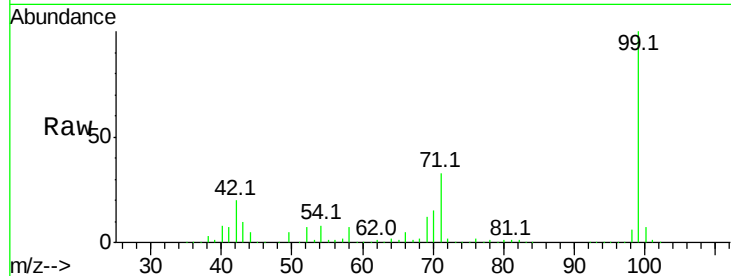
Tot Ion: 99 Resp: 2301095

Ion Ratio Lower Upper

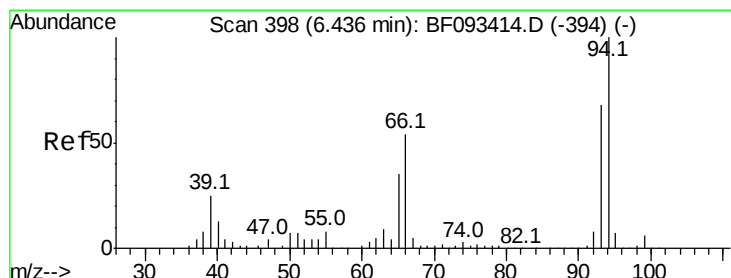
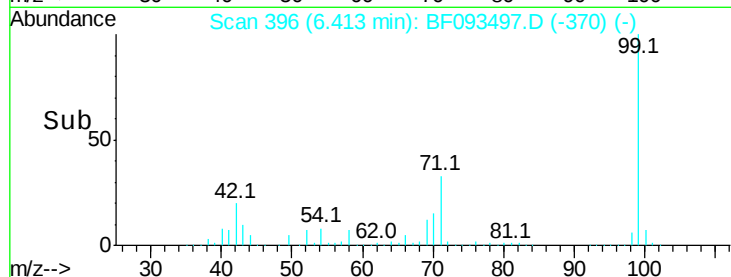
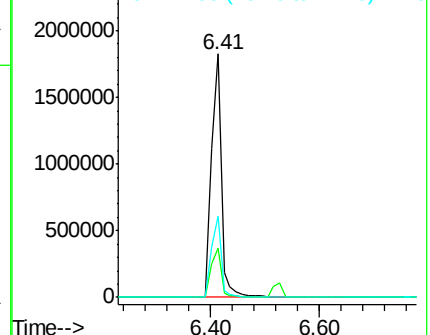
99 100

42 19.9 15.6 23.4

71 33.2 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: 2.92 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093497.D

Acq: 10 Mar 2017 1:19

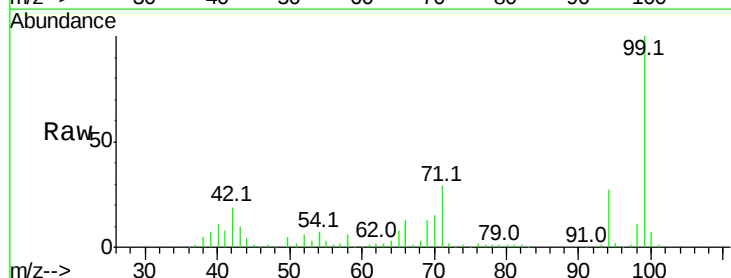
Tgt Ion: 94 Resp: 53435

Ion Ratio Lower Upper

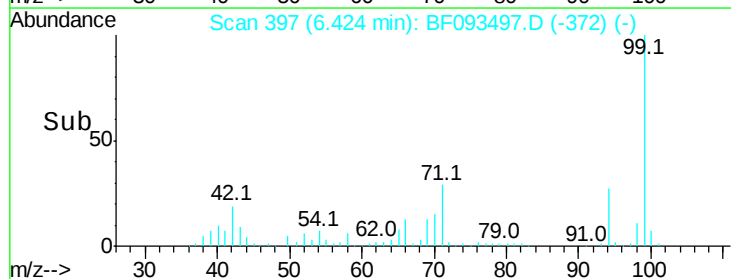
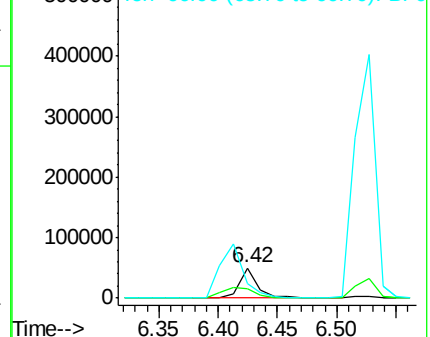
94 100

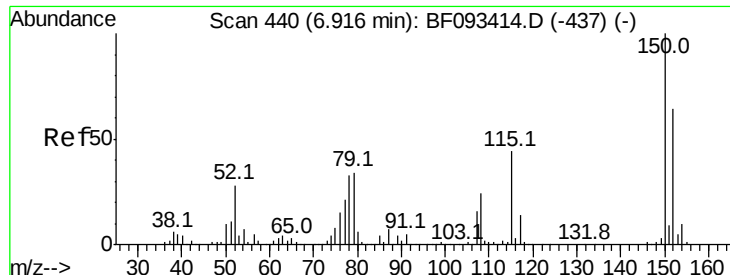
65 29.6 21.4 61.4

66 49.0 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

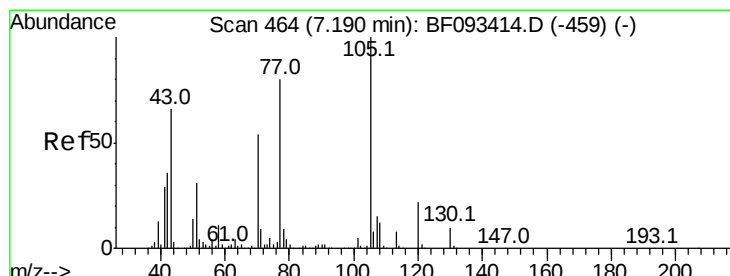
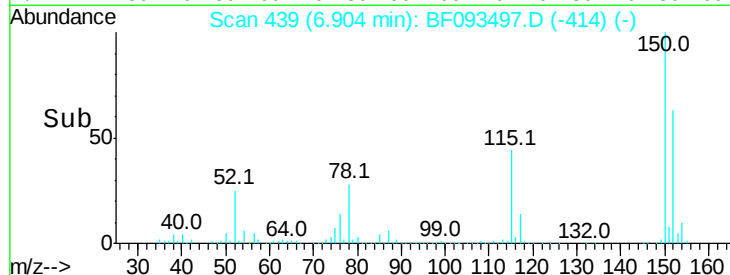
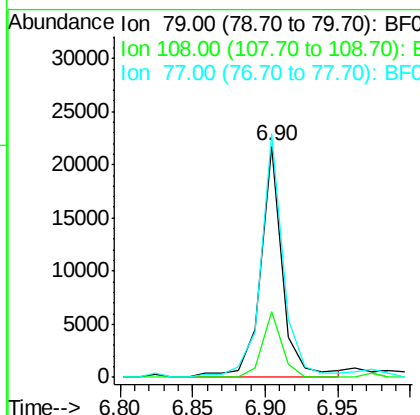
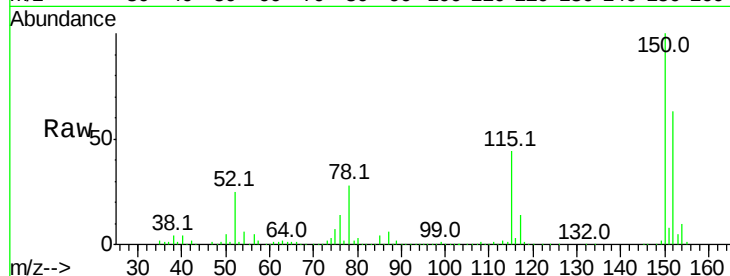




#15
Benzyl Alcohol
Concen: 2.14 ng
RT: 6.90 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF093497.D
Acq: 10 Mar 2017 1:19

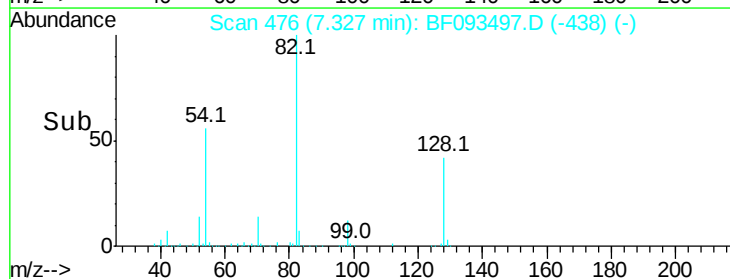
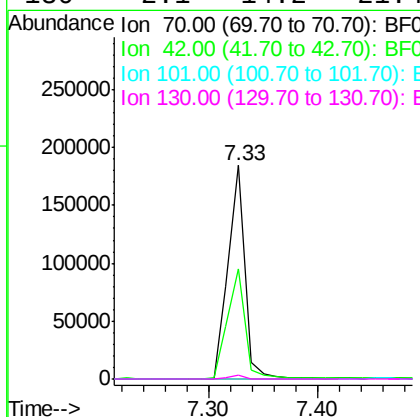
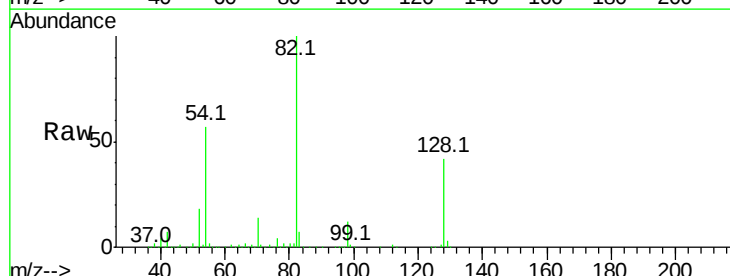
Instrument :
BNA_F
ClientSampleId :
EME-BLEND8-01

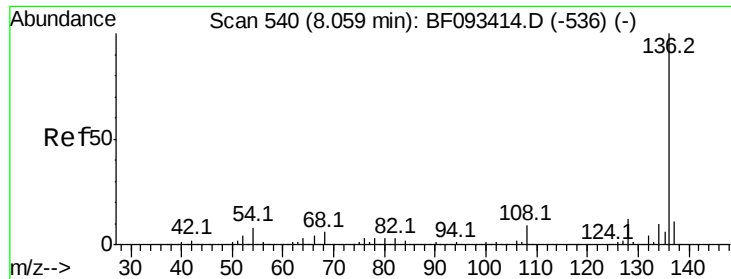
Tot Ion: 79 Resp: 22865
Ion Ratio Lower Upper
79 100
108 28.5 61.4 92.0#
77 105.4 50.9 76.3#



#19
n-Nitroso-di-n-propylamine
Concen: 19.37 ng
RT: 7.33 min Scan# 476
Delta R.T. 0.14 min
Lab File: BF093497.D
Acq: 10 Mar 2017 1:19

Tgt Ion: 70 Resp: 199218
Ion Ratio Lower Upper
70 100
42 51.6 49.4 74.0
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#

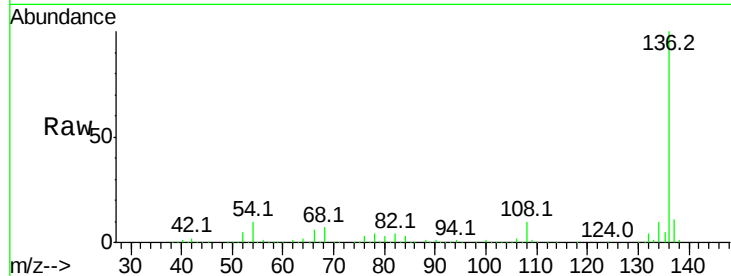




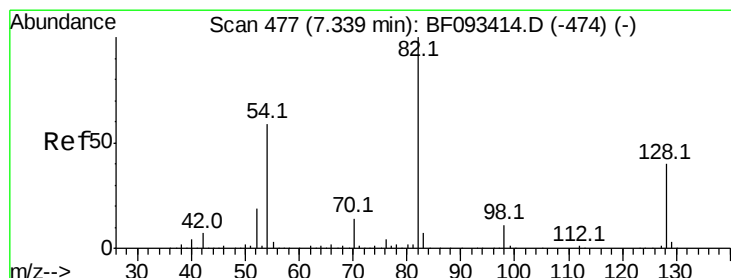
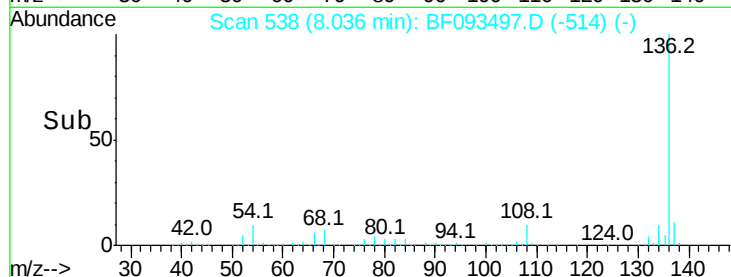
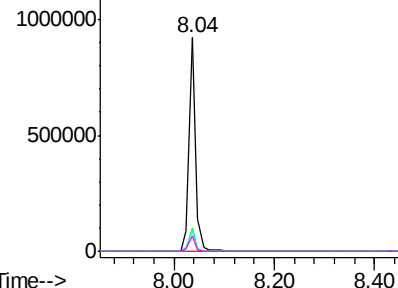
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF093497.D
Acq: 10 Mar 2017 1:19

Instrument :
BNA_F
ClientSampleId :
EME-BLEND8-01

Tot Ion:	136	Resp:	821547
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	9.9	4.5	6.7#
68	7.1	3.6	5.4#

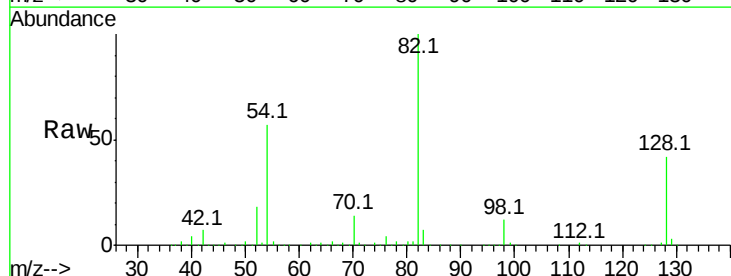


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

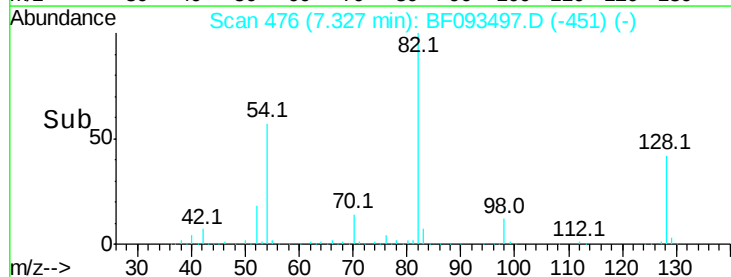
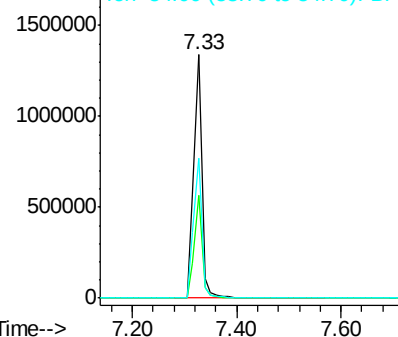


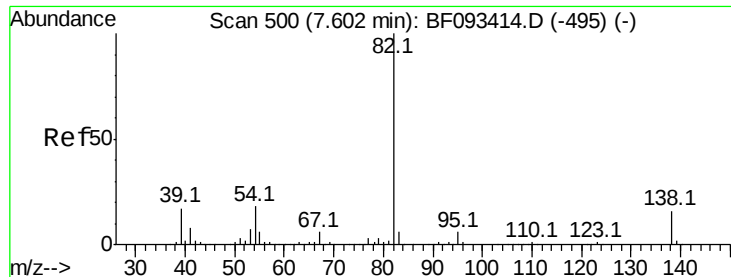
#23
Nitrobenzene-d5
Concen: 98.54 ng
RT: 7.33 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF093497.D
Acq: 10 Mar 2017 1:19

Tgt Ion:	82	Resp:	1459029
Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.6	52.0
54	57.4	39.5	59.3



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





#25

Isophorone

Concen: 48.53 ng

RT: 7.33 min Scan# 476

Delta R.T. -0.27 min

Lab File: BF093497.D

Acq: 10 Mar 2017 1:19

Instrument :

BNA_F

ClientSampleId :

EME-BLEND8-01

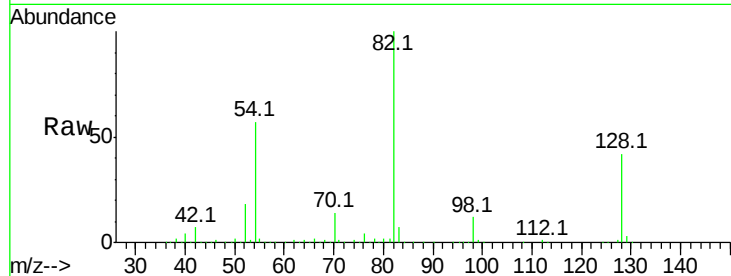
Tot Ion: 82 Resp: 1449116

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

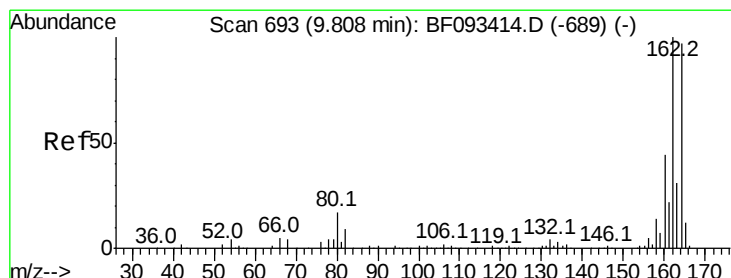
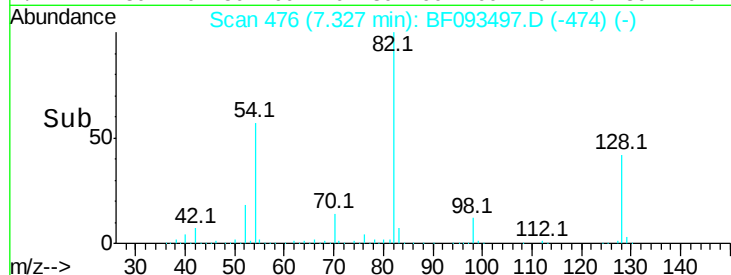
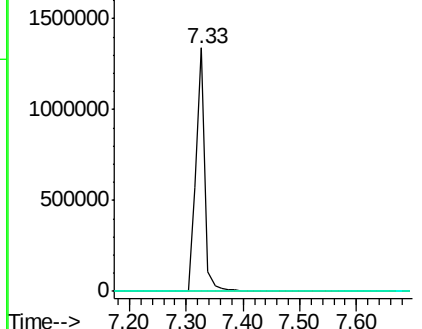
138 0.0 14.6 22.0#



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: 9.78 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF093497.D

Acq: 10 Mar 2017 1:19

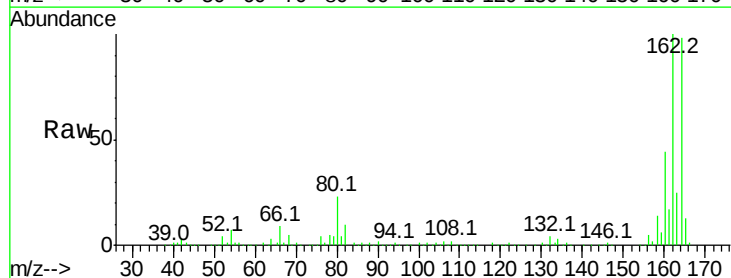
Tgt Ion: 164 Resp: 380459

Ion Ratio Lower Upper

164 100

162 102.2 80.2 120.2

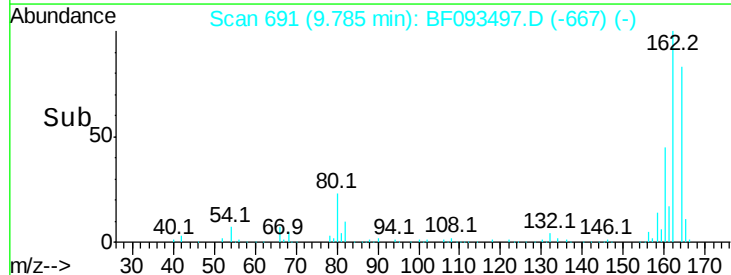
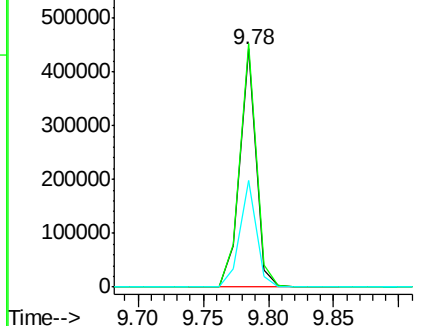
160 44.8 36.9 55.3

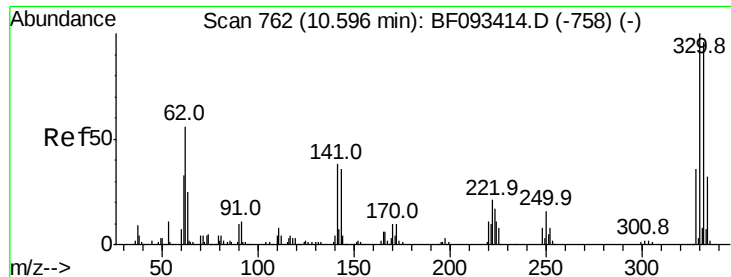


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

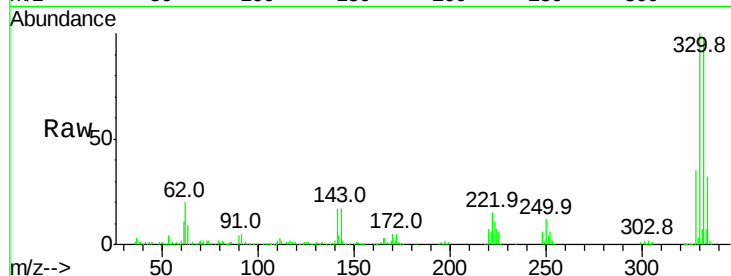




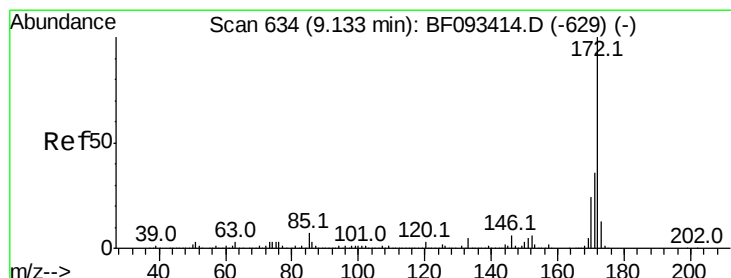
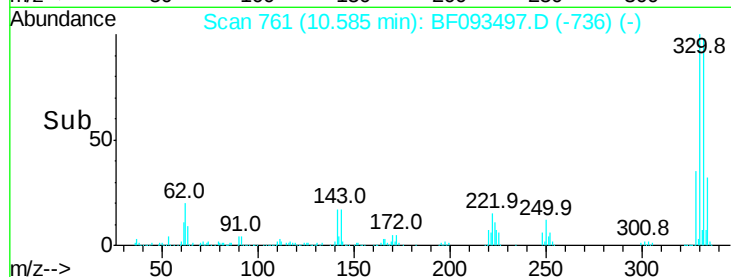
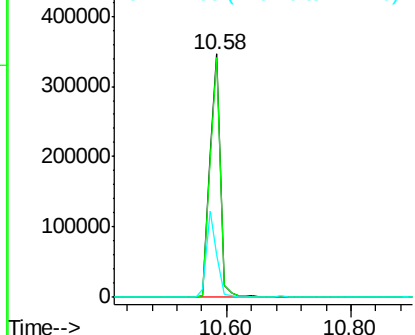
#41
 2,4,6-Tribromophenol
 Concen: 162.98 ng
 RT: 10.58 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF093497.D
 Acq: 10 Mar 2017 1:19

Instrument :
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 EME-BLEND8-01

Tot Ion:330 Resp: 403982
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 34.8 34.1 51.1

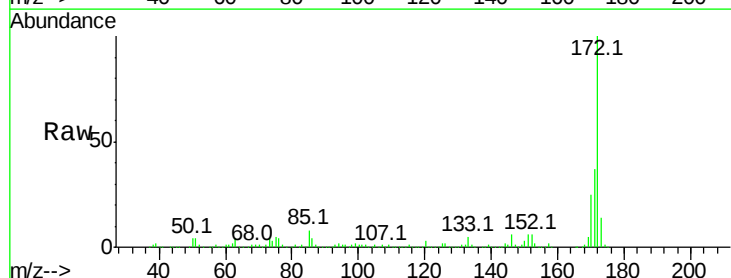


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

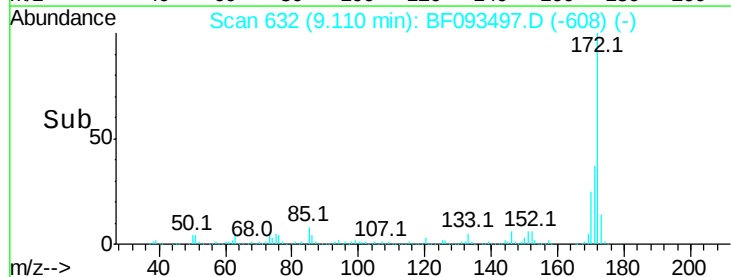
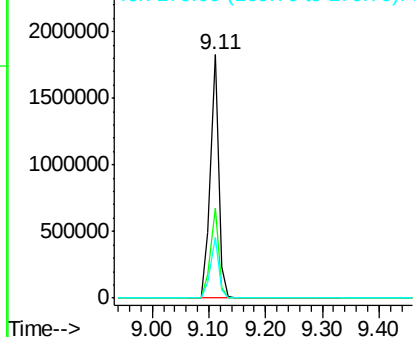


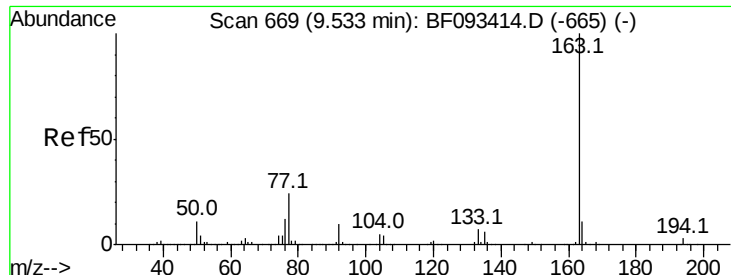
#44
 2-Fluorobiphenyl
 Concen: 87.34 ng
 RT: 9.11 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF093497.D
 Acq: 10 Mar 2017 1:19

Tgt Ion:172 Resp: 1786426
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.0
 170 25.0 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

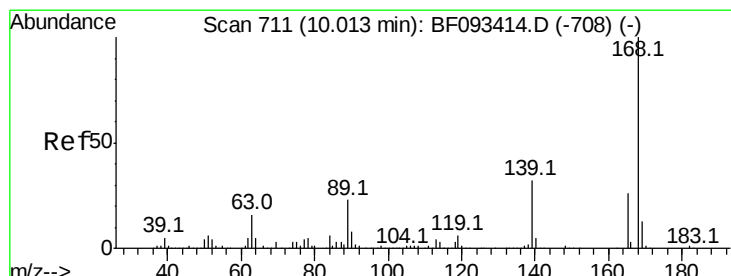
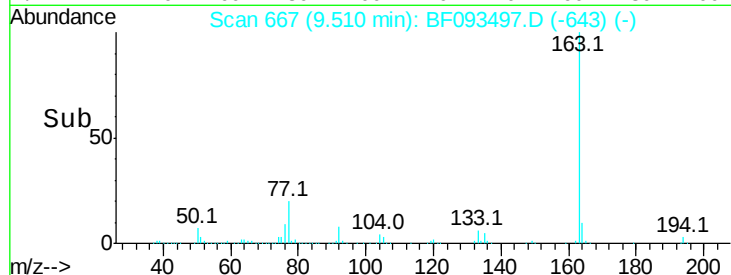
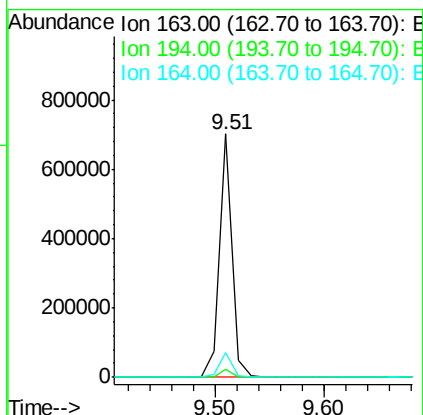
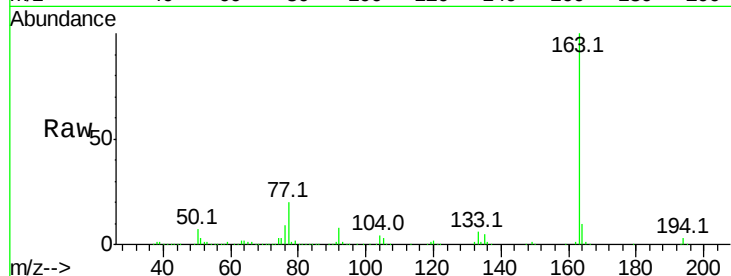




#49
Dimethylphthalate
Concen: 22.68 ng
RT: 9.51 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF093497.D
Acq: 10 Mar 2017 1:19

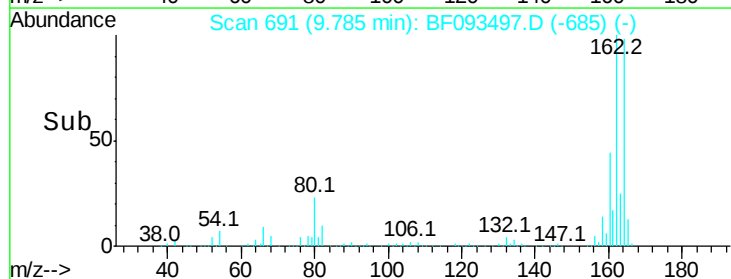
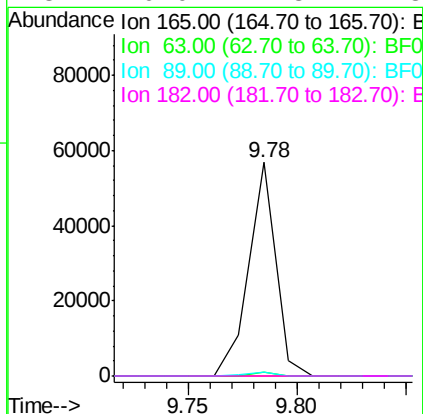
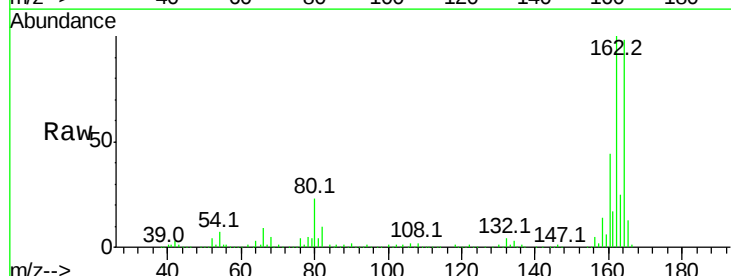
Instrument :
BNA_F
ClientSampleId :
EME-BLEND8-01

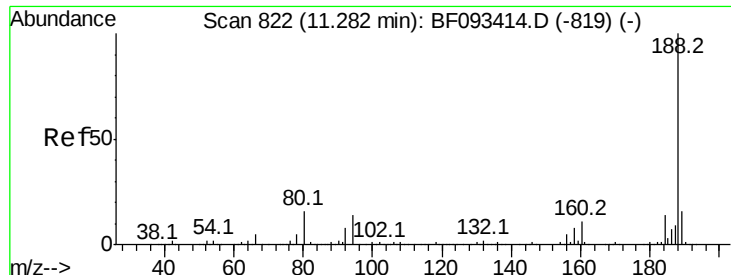
Tot Ion:163 Resp: 572175
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.3 8.0 12.0



#56
2,4-Dinitrotoluene
Concen: 7.22 ng
RT: 9.78 min Scan# 691
Delta R.T. -0.23 min
Lab File: BF093497.D
Acq: 10 Mar 2017 1:19

Tgt Ion:165 Resp: 49075
Ion Ratio Lower Upper
165 100
63 1.7 40.2 60.4#
89 1.8 62.5 93.7#
182 0.0 1.8 2.8#

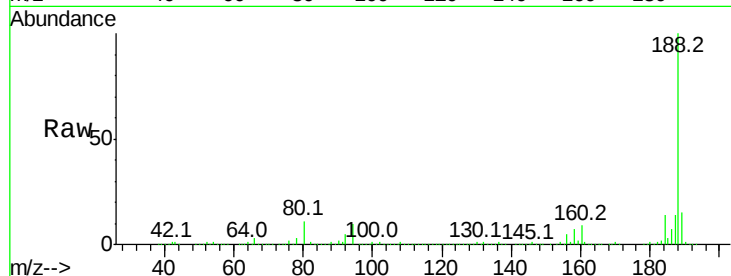




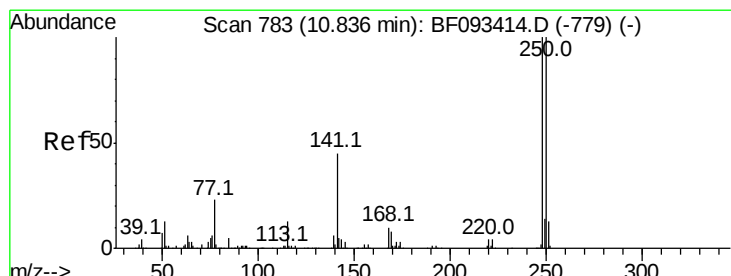
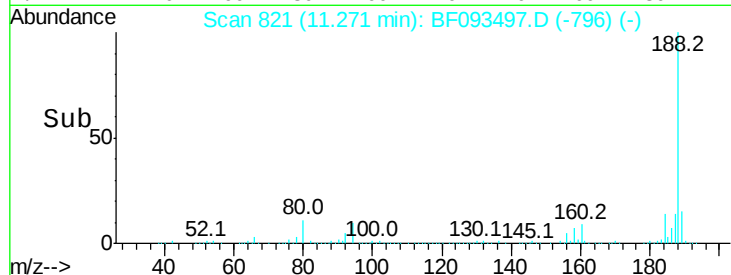
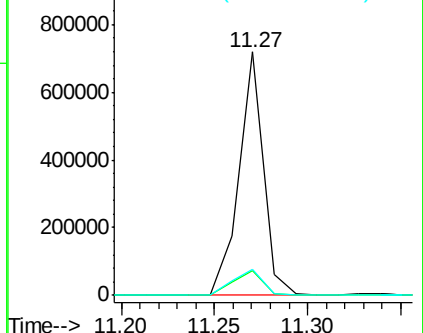
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.27 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF093497.D
 Acq: 10 Mar 2017 1:19

Instrument :
 BNA_F
 ClientSampleId :
 EME-BLEND8-01

Tot Ion:188 Resp: 663299
 Ion Ratio Lower Upper
 188 100
 94 10.2 10.0 15.0
 80 10.8 11.2 16.8#

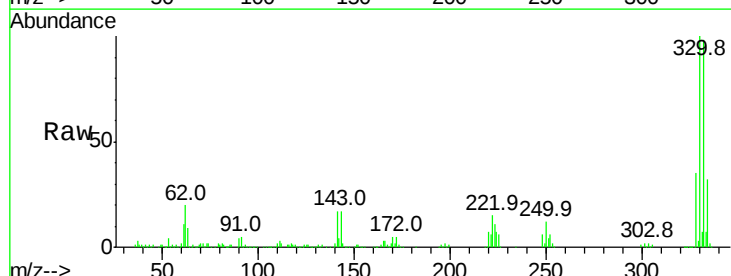


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

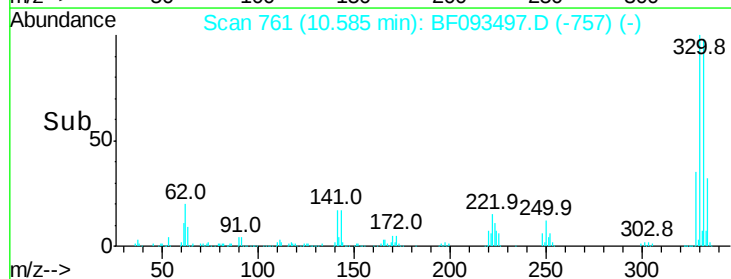
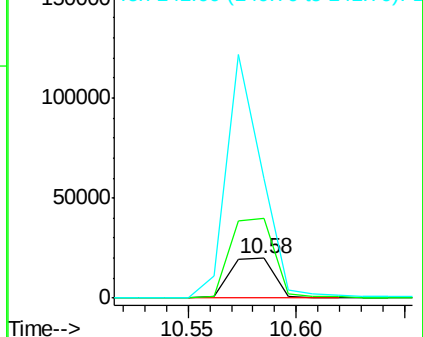


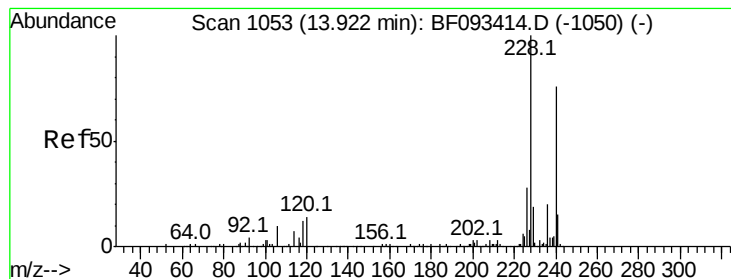
#66
 4-Bromophenyl-phenylether
 Concen: 3.97 ng
 RT: 10.58 min Scan# 761
 Delta R.T. -0.25 min
 Lab File: BF093497.D
 Acq: 10 Mar 2017 1:19

Tgt Ion:248 Resp: 27868
 Ion Ratio Lower Upper
 248 100
 250 201.5 76.9 115.3#
 141 301.5 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

Chrvsene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF093497.D

Acq: 10 Mar 2017 1:19

Instrument :

BNA_F

ClientSampleId :

EME-BLEND8-01

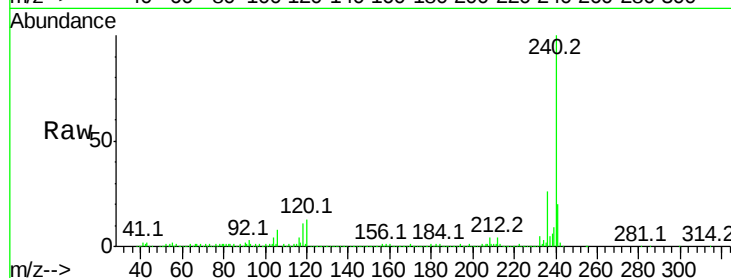
Tot Ion:240 Resp: 448947

Ion Ratio Lower Upper

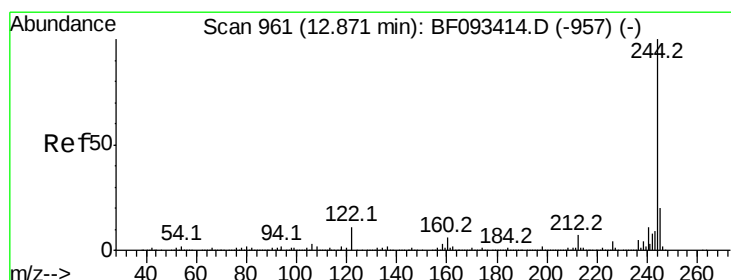
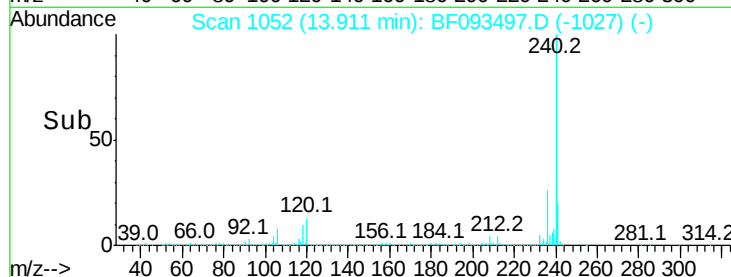
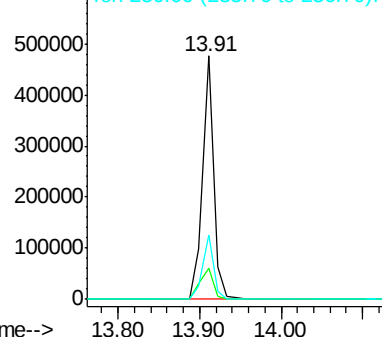
240 100

120 12.6 12.9 19.3#

236 26.4 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: 90.08 ng

RT: 12.86 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF093497.D

Acq: 10 Mar 2017 1:19

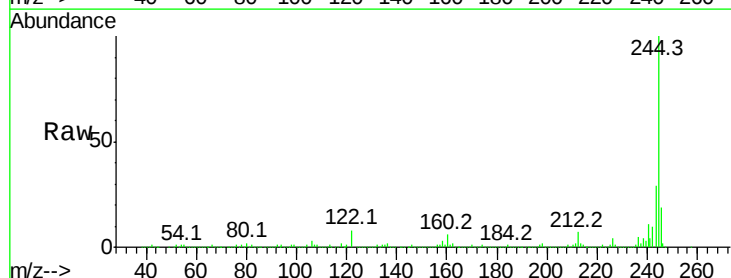
Tgt Ion:244 Resp: 1555505

Ion Ratio Lower Upper

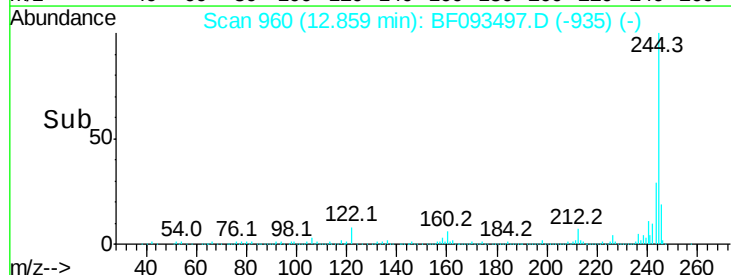
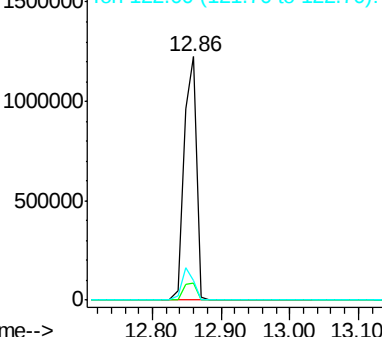
244 100

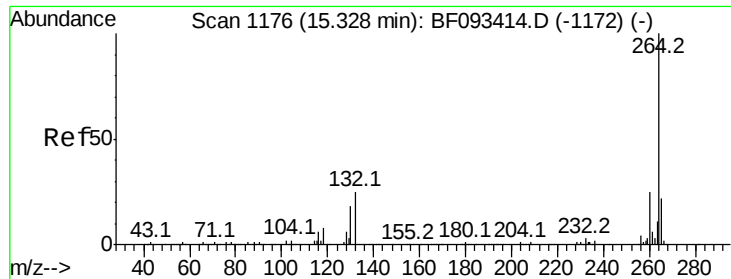
212 7.2 6.2 9.2

122 8.3 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

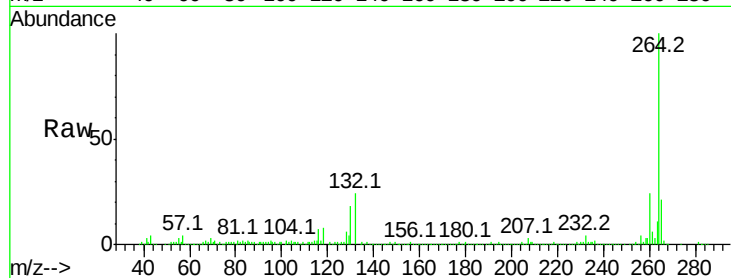




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF093497.D
 Acq: 10 Mar 2017 1:19

Instrument :
 BNA_F
 ClientSampleId :
 EME-BLEND8-01

Tot Ion: 264 Resp: 387992
 Ion Ratio Lower Upper
 264 100
 260 24.0 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

