

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102716\
 Data File : BF090892.D
 Acq On : 28 Oct 2016 2:57
 Operator : UM/SJ
 Sample : H5427-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-BLEND-008

Quant Time: Oct 28 05:08:43 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 27 18:46:43 2016
 Response via : Initial Calibration

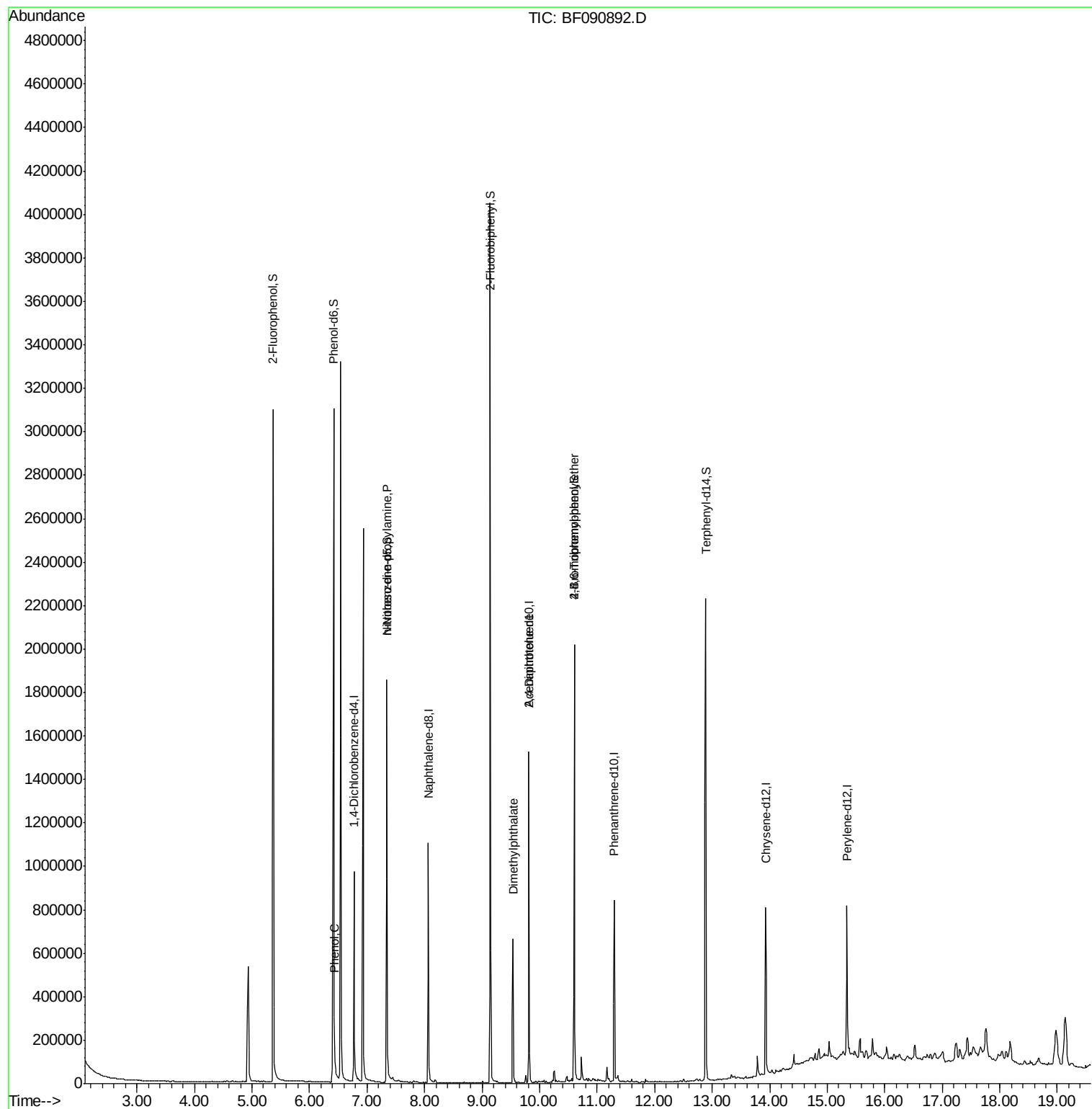
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	154861	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	610905	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	287771	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	358411	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	331881	20.00	ng	-0.02
86) Perylene-d12	15.35	264	301142	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	950704	107.34	ng	0.00
7) Phenol-d6	6.42	99	1355492	113.43	ng	0.00
23) Nitrobenzene-d5	7.34	82	814945	87.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	233524	78.96	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1211758	73.94	ng	-0.01
78) Terphenyl-d14	12.89	244	870308	66.07	ng	-0.01
Target Compounds						
10) Phenol	6.43	94	38543	2.93	ng	Qvalue 75
19) n-Nitroso-di-n-propylamine	7.34	70	107388	15.54	ng	# 49
49) Dimethylphthalate	9.54	163	322658	16.78	ng	# 96
56) 2,4-Dinitrotoluene	9.81	165	38039	7.21	ng	# 33
66) 4-Bromophenyl-phenylether	10.60	248	16191	4.13	ng	# 1

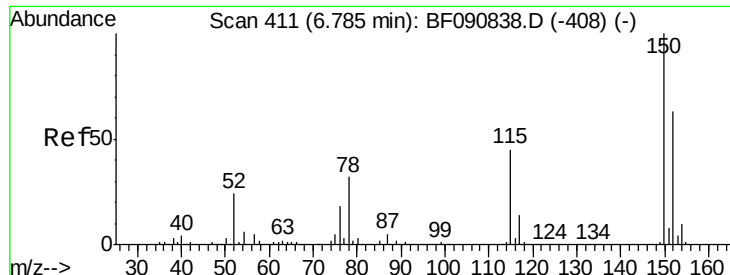
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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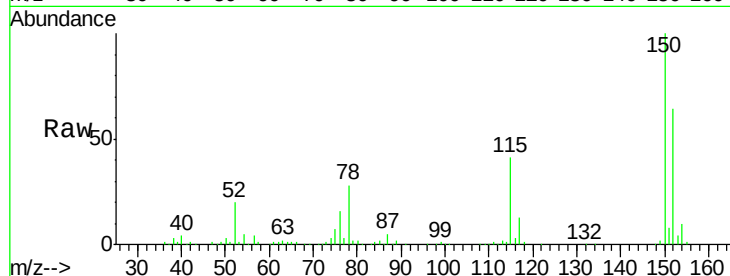


#1

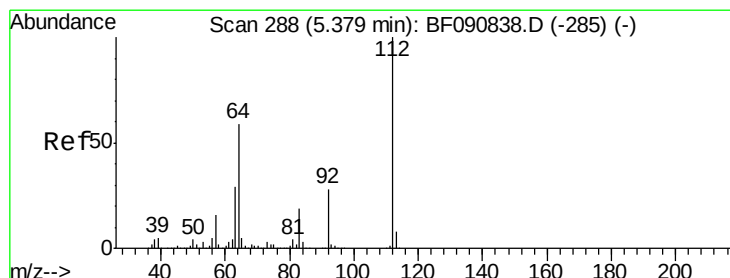
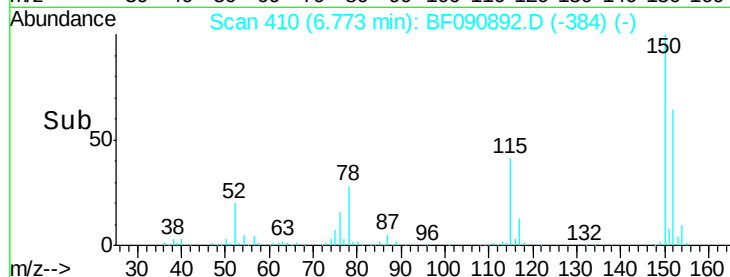
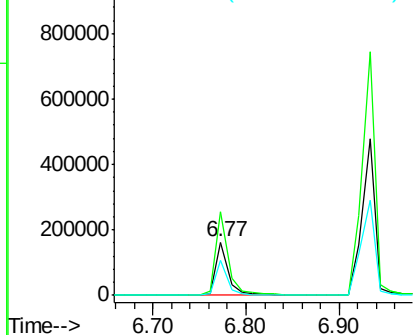
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF090892.D
Acq: 28 Oct 2016 2:57

Instrument :
BNA_F
ClientSampleId :
EME-BLEND-008

Tgt Ion:152 Resp: 154861
Ion Ratio Lower Upper
152 100
150 156.7 124.7 187.1
115 64.9 39.0 58.4#



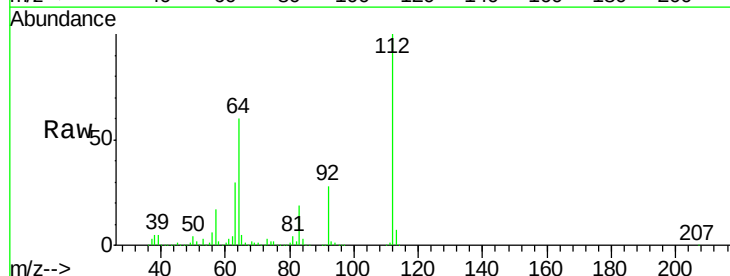
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



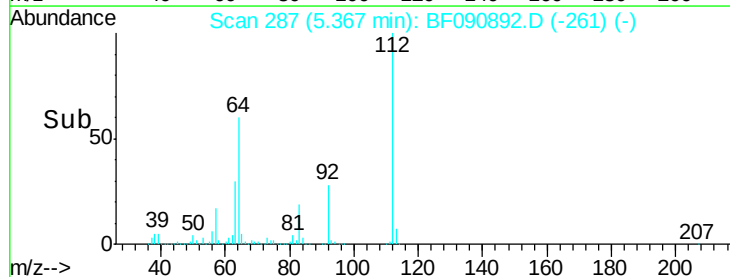
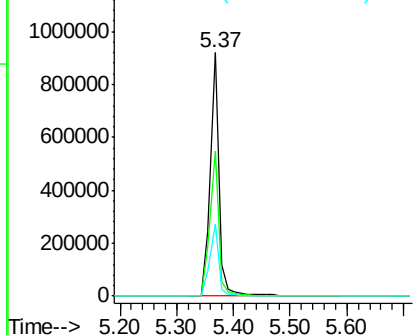
#5

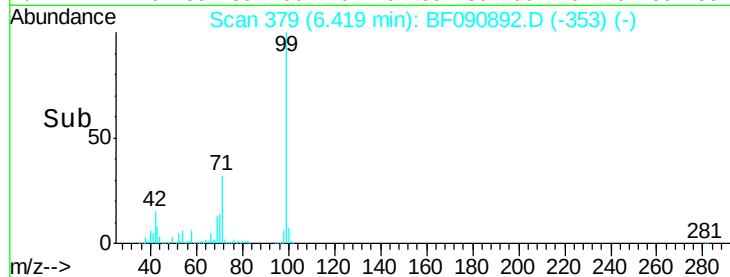
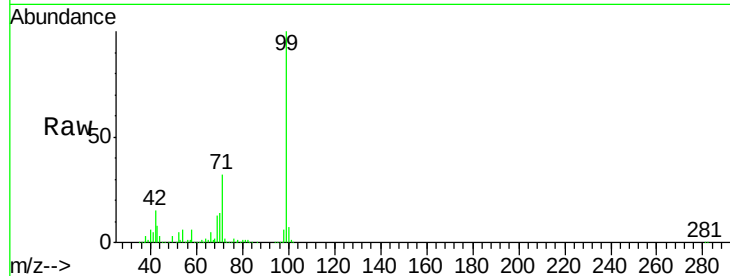
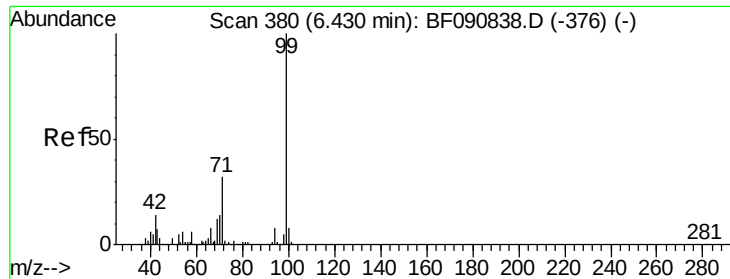
2-Fluorophenol
Concen: 107.34 ng
RT: 5.37 min Scan# 287
Delta R.T. -0.00 min
Lab File: BF090892.D
Acq: 28 Oct 2016 2:57

Tgt Ion:112 Resp: 950704
Ion Ratio Lower Upper
112 100
64 59.7 39.7 59.5#
63 29.5 17.4 26.0#



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: 113.43 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF090892.D

Acq: 28 Oct 2016 2:57

Instrument :

BNA_F

ClientSampleId :

EME-BLEND-008

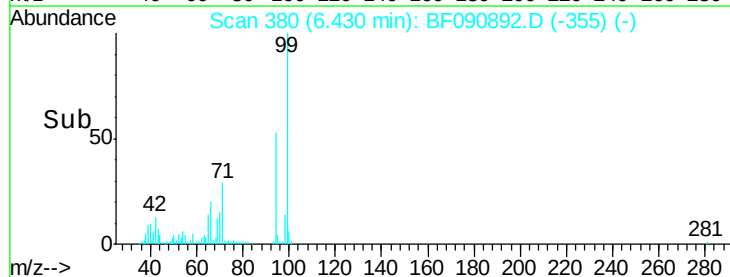
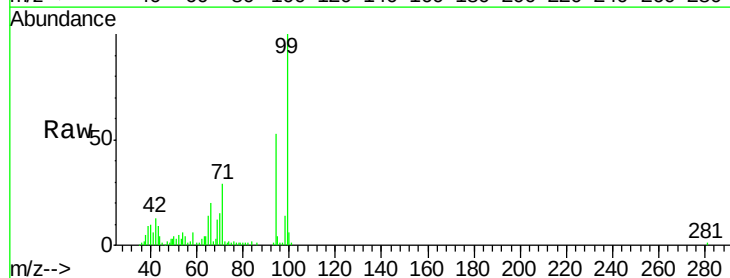
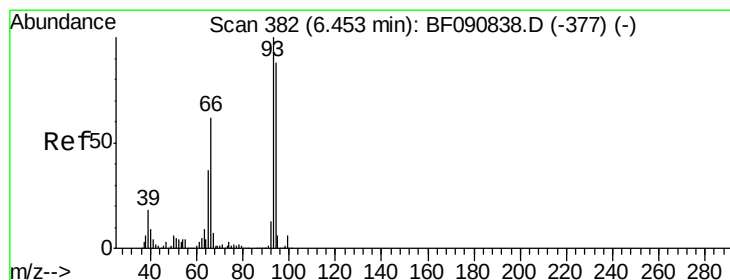
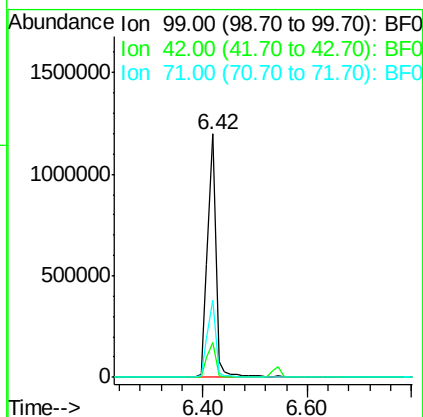
Tgt Ion: 99 Resp: 1355492

Ion Ratio Lower Upper

99 100

42 14.6 13.7 20.5

71 31.7 14.2 21.2#



#10

Phenol

Concen: 2.93 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF090892.D

Acq: 28 Oct 2016 2:57

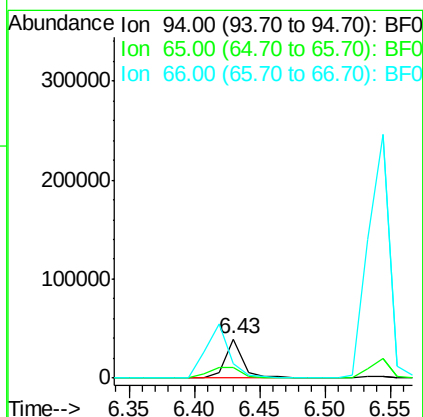
Tgt Ion: 94 Resp: 38543

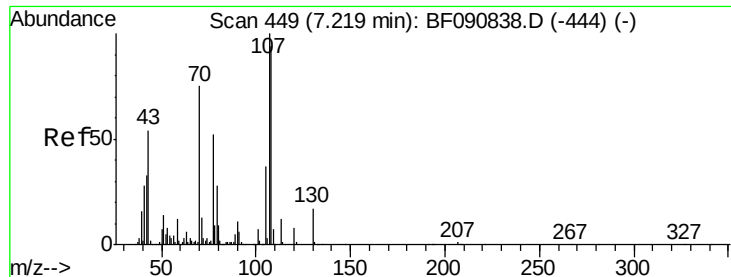
Ion Ratio Lower Upper

94 100

65 26.7 0.7 40.7

66 38.1 0.8 40.8

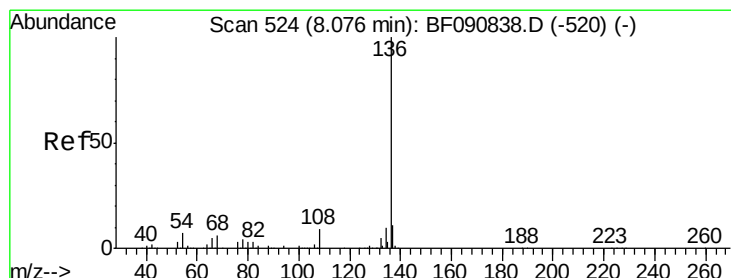
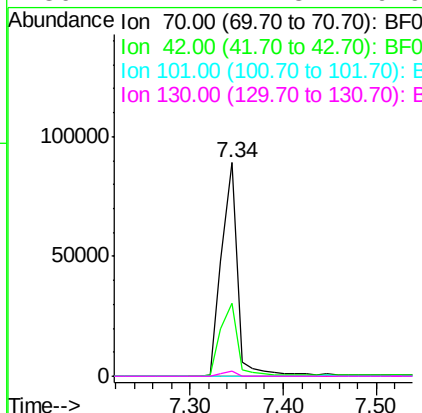
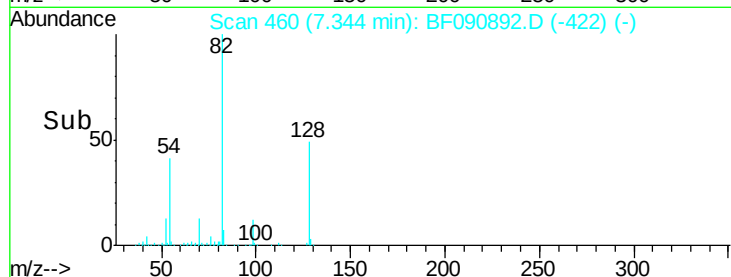
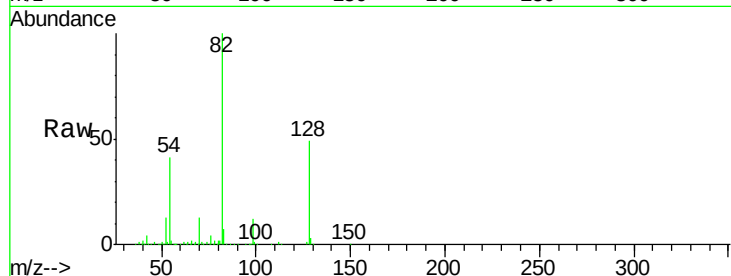




#19
n-Nitroso-di-n-propylamine
Concen: 15.54 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.14 min
Lab File: BF090892.D
Acq: 28 Oct 2016 2:57

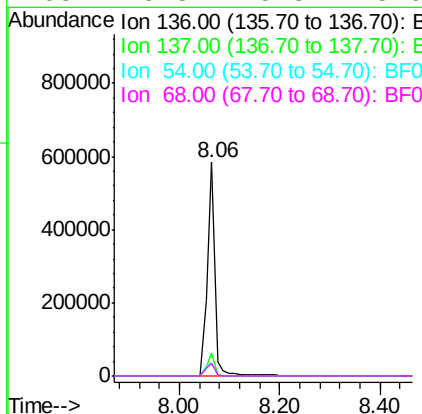
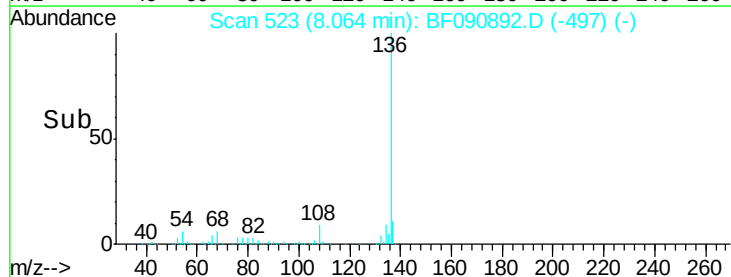
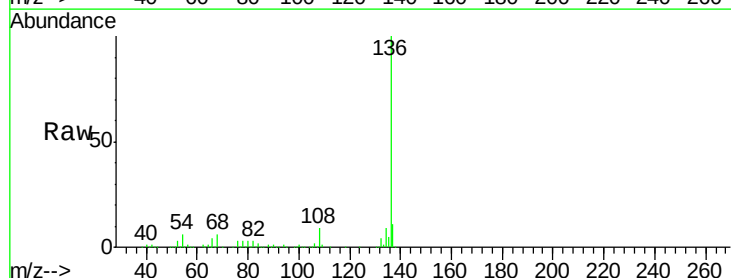
Instrument :
BNA_F
ClientSampleId :
EME-BLEND-008

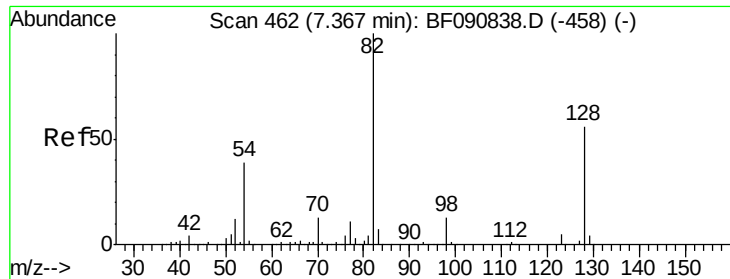
Tgt Ion: 70 Resp: 107388
Ion Ratio Lower Upper
70 100
42 34.0 63.8 95.6#
101 0.0 9.2 13.8#
130 2.4 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF090892.D
Acq: 28 Oct 2016 2:57

Tgt Ion: 136 Resp: 610905
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 5.9 8.2 12.2#
68 5.8 5.8 8.6#

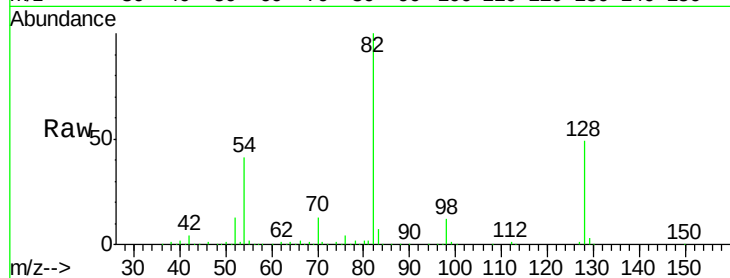




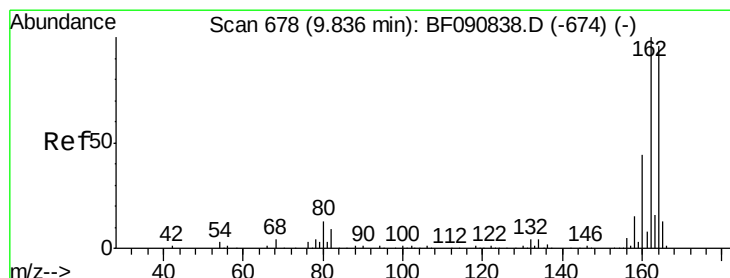
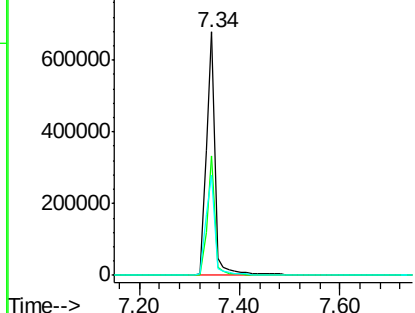
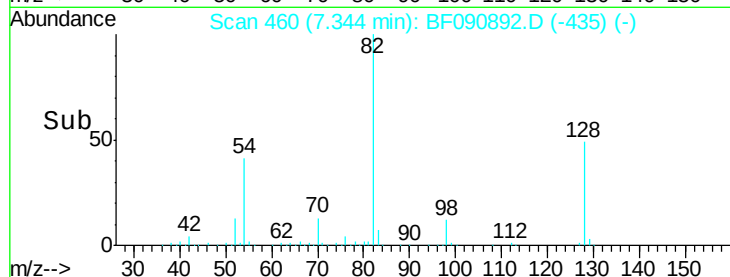
#23
 Nitrobenzene-d5
 Concen: 87.33 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF090892.D
 Acq: 28 Oct 2016 2:57

Instrument :
 BNA_F
 ClientSampleId :
 EME-BLEND-008

Tgt Ion: 82 Resp: 814945
 Ion Ratio Lower Upper
 82 100
 128 48.9 51.0 76.6#
 54 41.3 47.5 71.3#

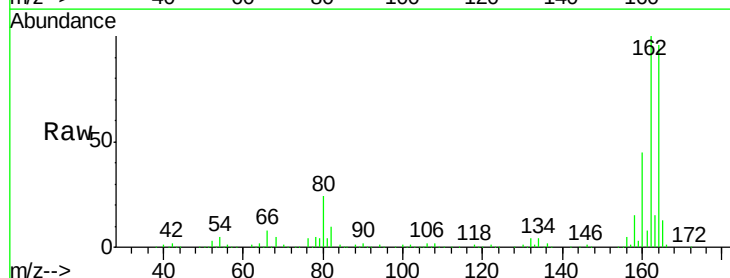


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

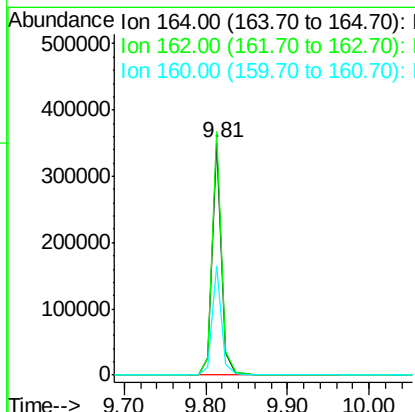
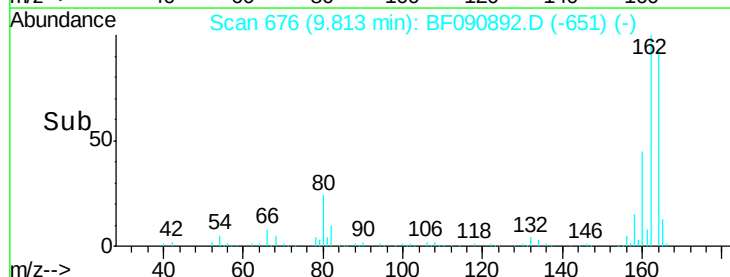


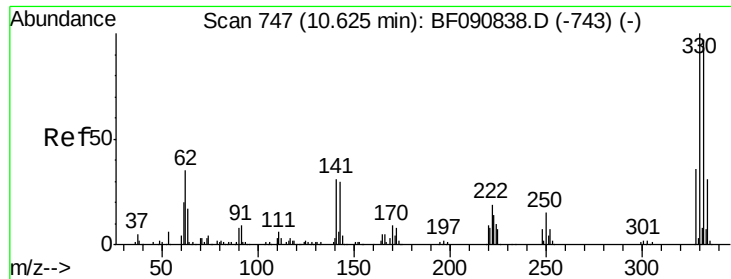
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF090892.D
 Acq: 28 Oct 2016 2:57

Tgt Ion: 164 Resp: 287771
 Ion Ratio Lower Upper
 164 100
 162 104.6 75.2 112.8
 160 46.7 31.5 47.3



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

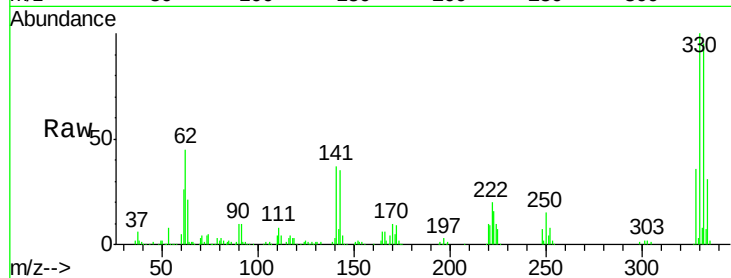




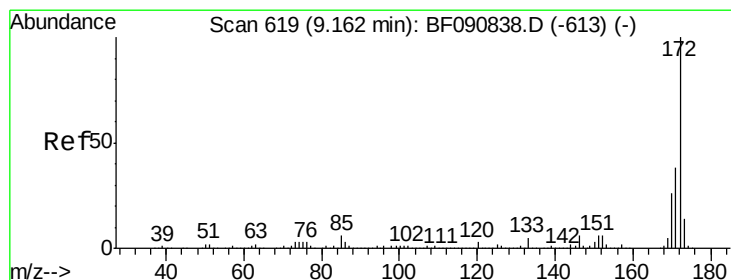
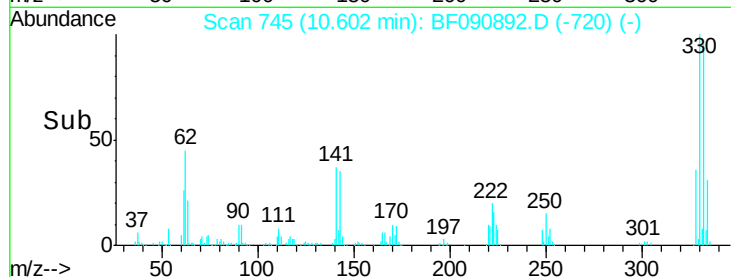
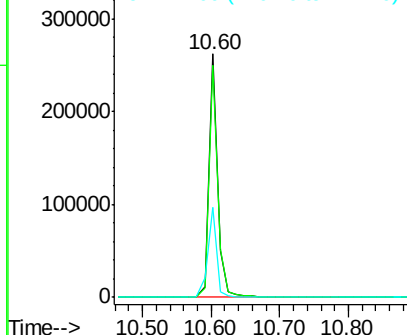
#41
 2,4,6-Tribromophenol
 Concen: 78.96 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF090892.D
 Acq: 28 Oct 2016 2:57

Instrument :
 BNA_F
 ClientSampleId :
 EME-BLEND-008

Tgt Ion:330 Resp: 233524
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 38.2 29.7 44.5

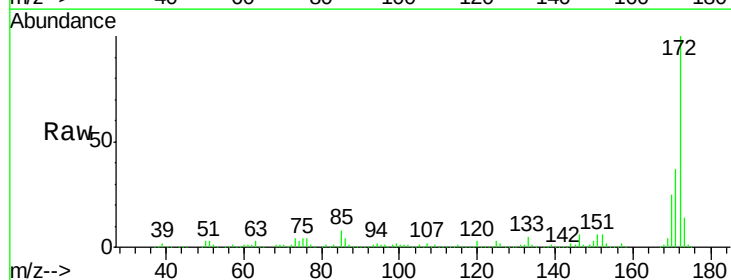


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

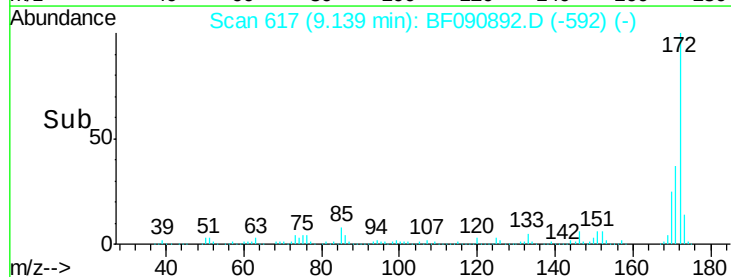
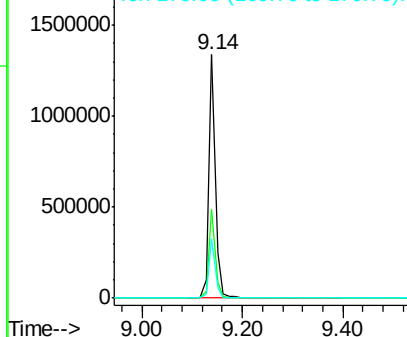


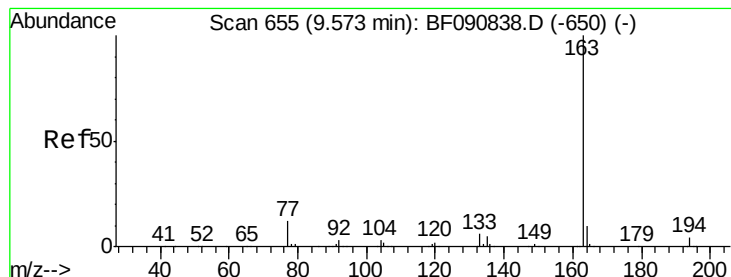
#44
 2-Fluorobiphenyl
 Concen: 73.94 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF090892.D
 Acq: 28 Oct 2016 2:57

Tgt Ion:172 Resp: 1211758
 Ion Ratio Lower Upper
 172 100
 171 36.6 26.1 39.1
 170 24.5 17.4 26.2



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: 16.78 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.02 min

Lab File: BF090892.D

Acq: 28 Oct 2016 2:57

Instrument :

BNA_F

ClientSampleId :

EME-BLEND-008

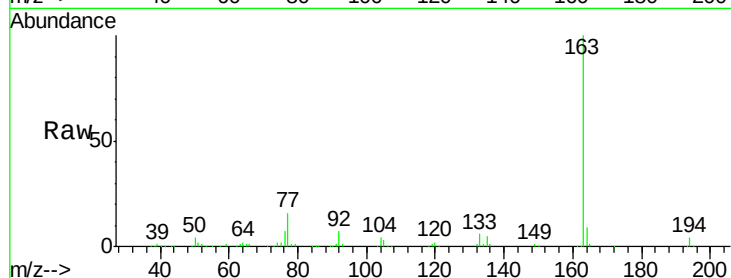
Tgt Ion:163 Resp: 322658

Ion Ratio Lower Upper

163 100

194 3.5 4.4 6.6#

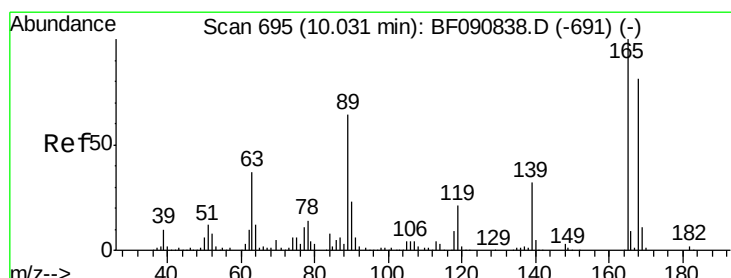
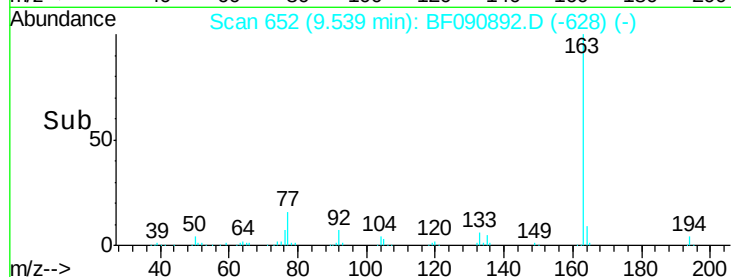
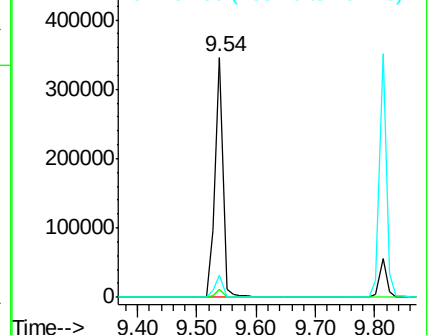
164 9.4 8.3 12.5



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: 7.21 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.21 min

Lab File: BF090892.D

Acq: 28 Oct 2016 2:57

Tgt Ion:165 Resp: 38039

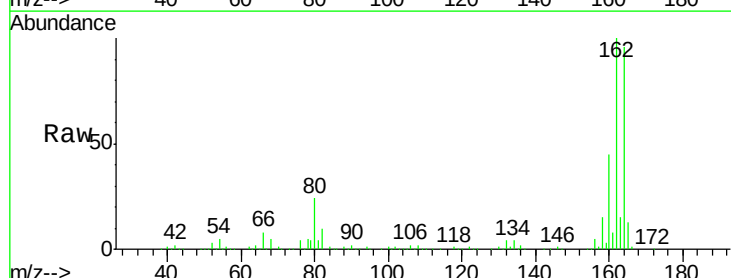
Ion Ratio Lower Upper

165 100

63 0.8 29.8 44.6#

89 0.9 44.5 66.7#

182 0.0 3.0 4.4#

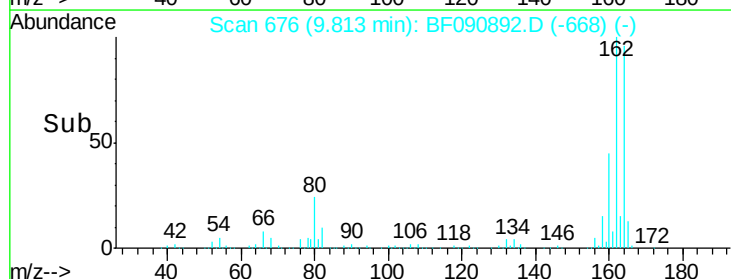
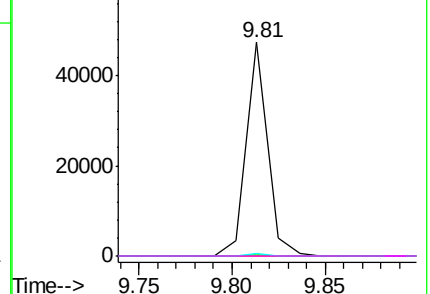


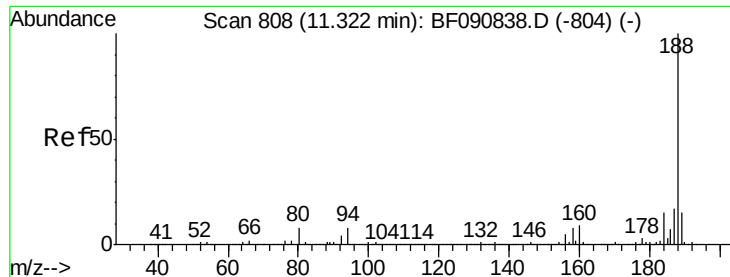
Abundance Ion 165.00 (164.70 to 165.70): E

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

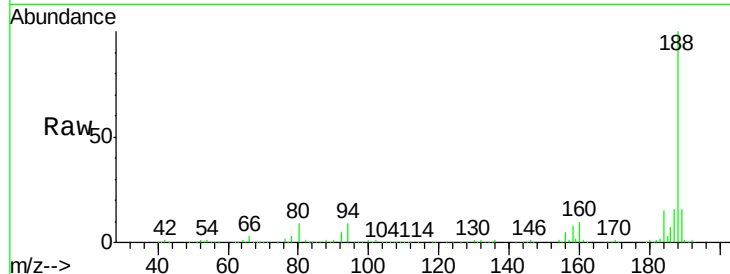




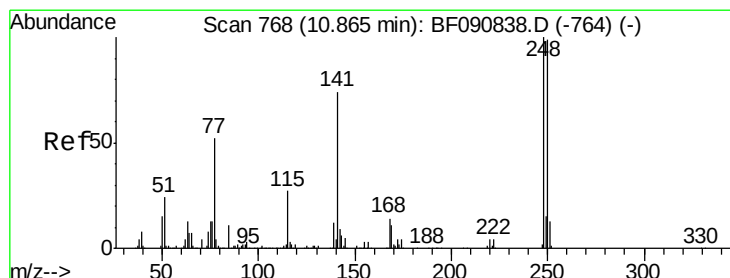
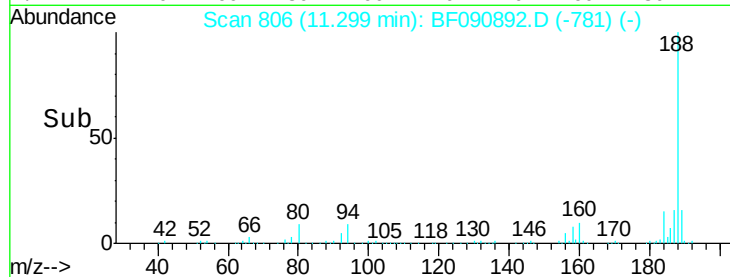
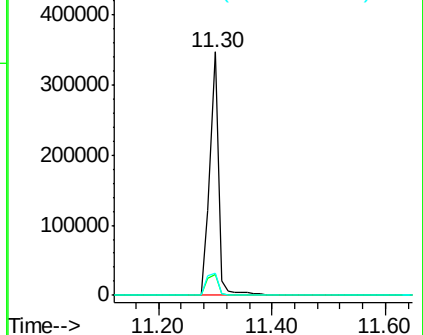
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF090892.D
 Acq: 28 Oct 2016 2:57

Instrument :
 BNA_F
 ClientSampleId :
 EME-BLEND-008

Tgt Ion:188 Resp: 358411
 Ion Ratio Lower Upper
 188 100
 94 8.6 11.1 16.7#
 80 9.1 11.0 16.4#

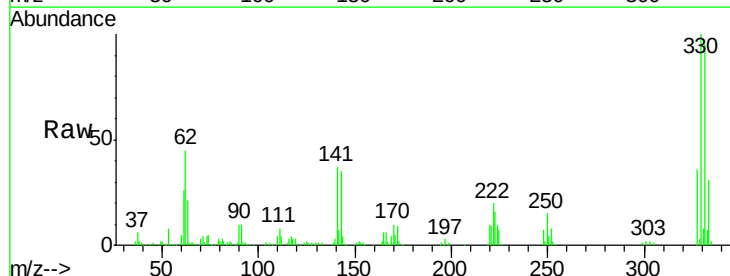


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

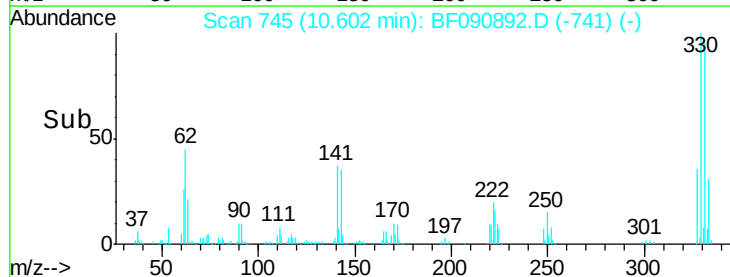
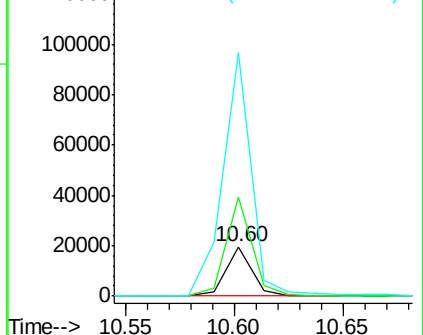


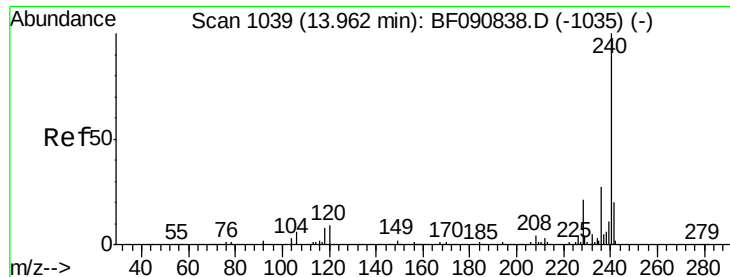
#66
 4-Bromophenyl-phenylether
 Concen: 4.13 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.25 min
 Lab File: BF090892.D
 Acq: 28 Oct 2016 2:57

Tgt Ion:248 Resp: 16191
 Ion Ratio Lower Upper
 248 100
 250 200.8 78.5 117.7#
 141 492.7 59.0 88.6#



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: 13.93 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF090892.D

Acq: 28 Oct 2016 2:57

Instrument :

BNA_F

ClientSampleId :

EME-BLEND-008

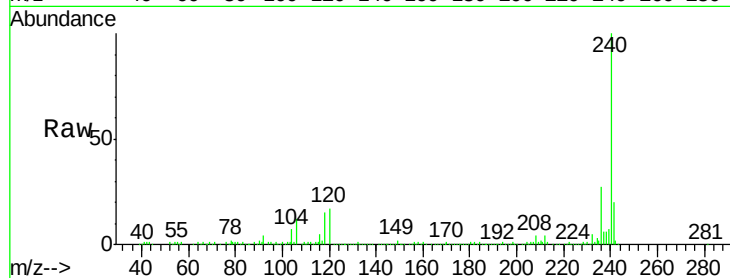
Tgt Ion:240 Resp: 331881

Ion Ratio Lower Upper

240 100

120 16.9 16.2 24.2

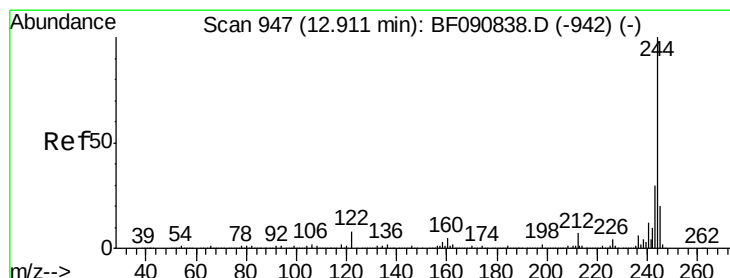
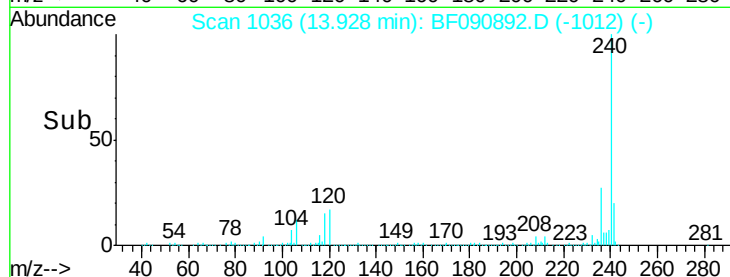
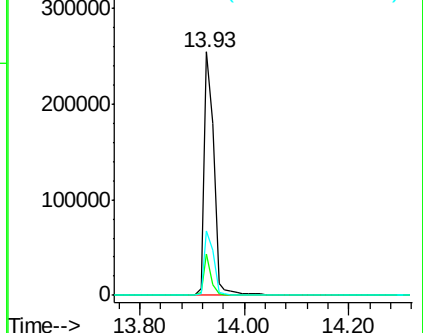
236 26.7 18.4 27.6



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: 12.89 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF090892.D

Acq: 28 Oct 2016 2:57

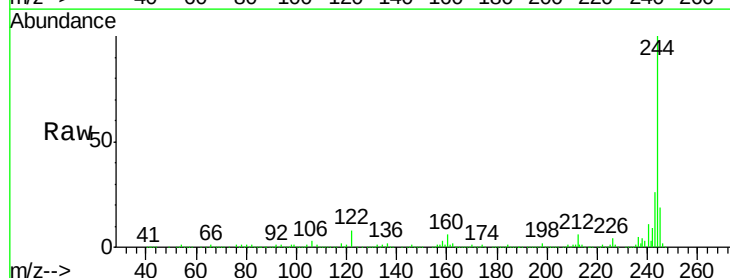
Tgt Ion:244 Resp: 870308

Ion Ratio Lower Upper

244 100

212 6.5 4.3 6.5

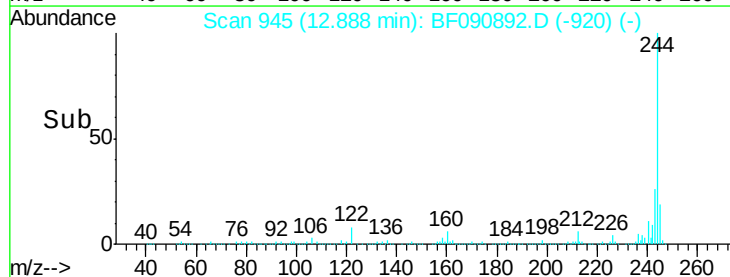
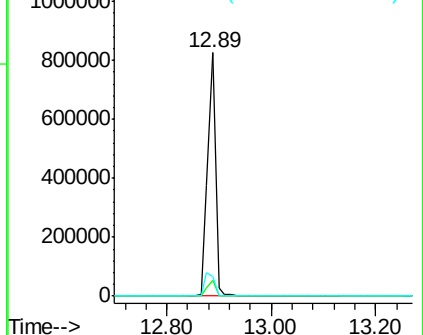
122 8.1 17.4 26.2#

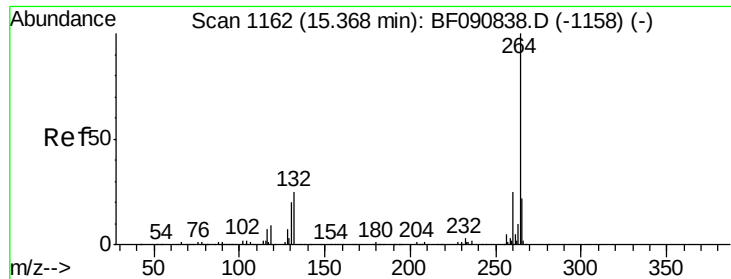


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.35 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF090892.D
Acq: 28 Oct 2016 2:57

Instrument :
BNA_F
ClientSampleId :
EME-BLEND-008

Tgt Ion: 264 Resp: 301142
Ion Ratio Lower Upper
264 100
260 24.9 16.7 25.1
265 21.4 17.2 25.8

