

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102716\
 Data File : BF090893.D
 Acq On : 28 Oct 2016 3:24
 Operator : UM/SJ
 Sample : H5430-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-BLEND-007

Quant Time: Oct 28 05:08:59 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

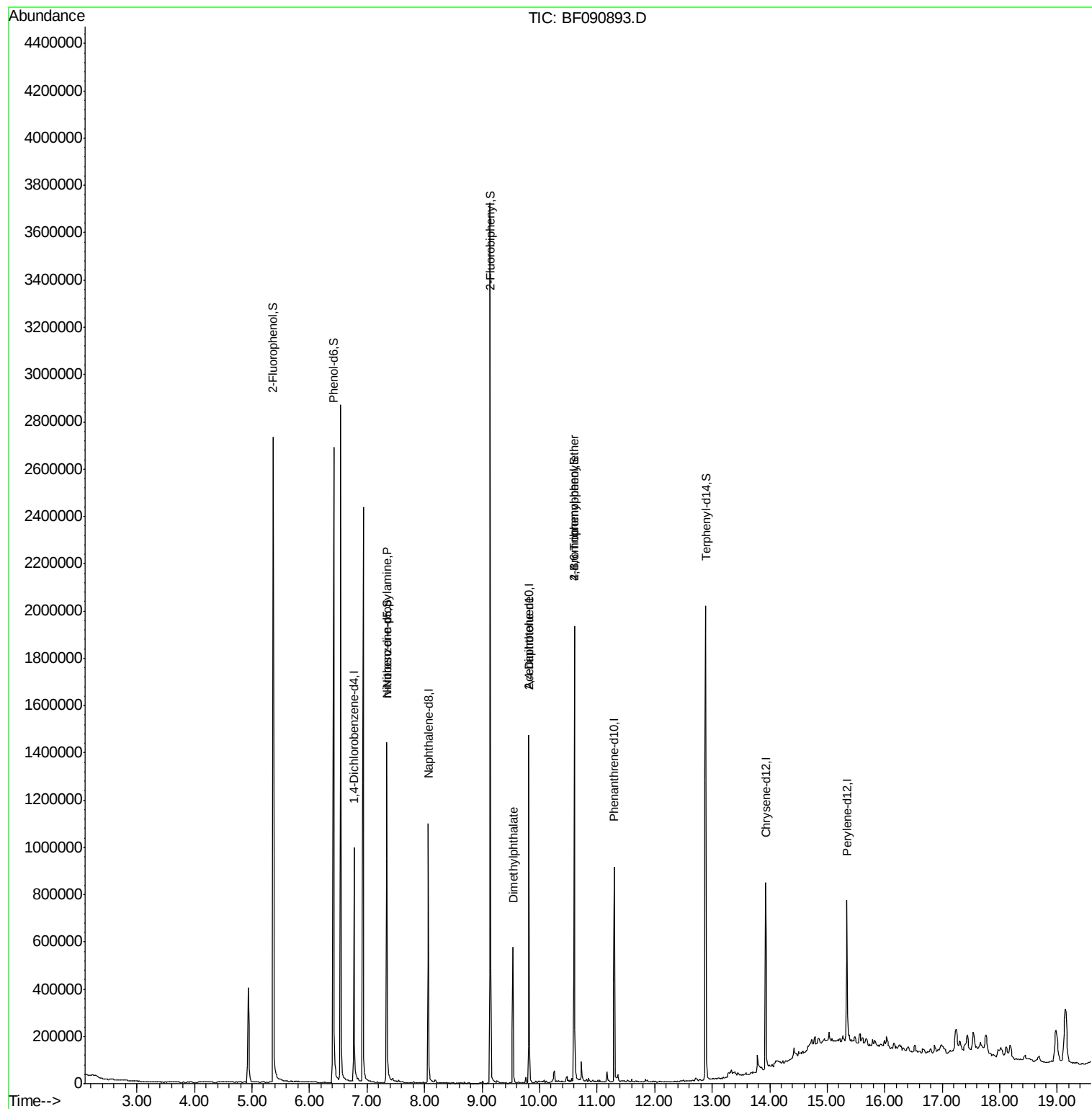
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	158921	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	621382	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	297028	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	395220	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	348763	20.00	ng	-0.02
86) Perylene-d12	15.35	264	271270	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	929659	102.28	ng	0.00
7) Phenol-d6	6.42	99	1283287	104.65	ng	0.00
23) Nitrobenzene-d5	7.34	82	706710	74.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	231002	75.68	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1167605	69.03	ng	-0.01
78) Terphenyl-d14	12.89	244	852856	61.61	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	89656	12.65	ng	# 48
49) Dimethylphthalate	9.54	163	282699	14.25	ng	# 96
56) 2,4-Dinitrotoluene	9.81	165	38450	7.06	ng	# 33
66) 4-Bromophenyl-phenylether	10.60	248	15852	3.66	ng	# 1

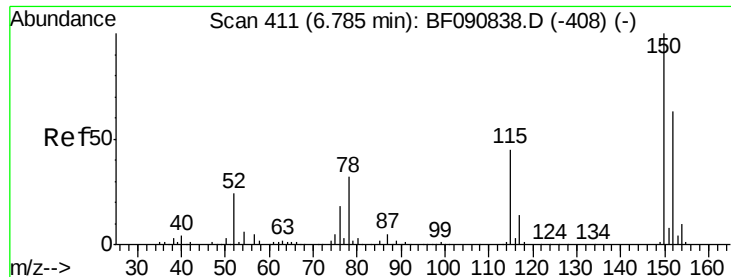
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 27 18:46:43 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF090893.D

Acq: 28 Oct 2016 3:24

Instrument :

BNA_F

ClientSampleId :

EME-BLEND-007

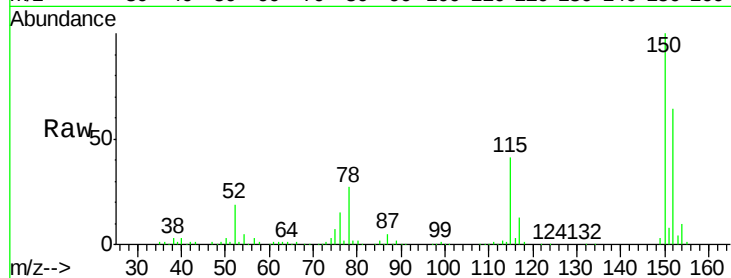
Tgt Ion:152 Resp: 158921

Ion Ratio Lower Upper

152 100

150 157.5 124.7 187.1

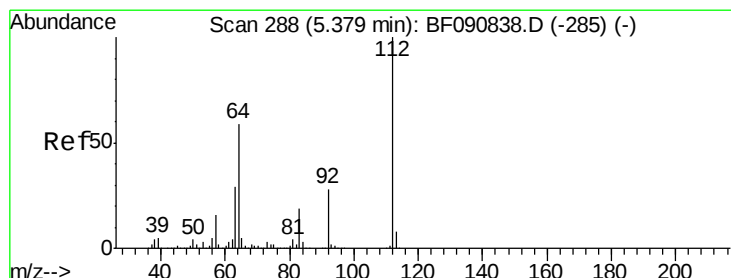
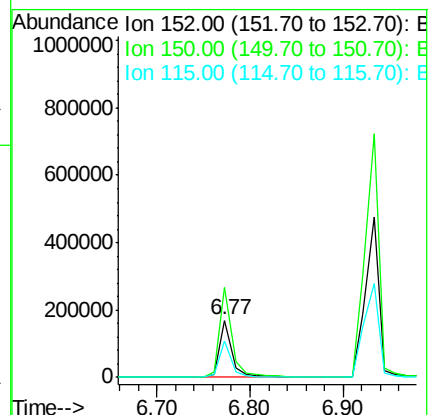
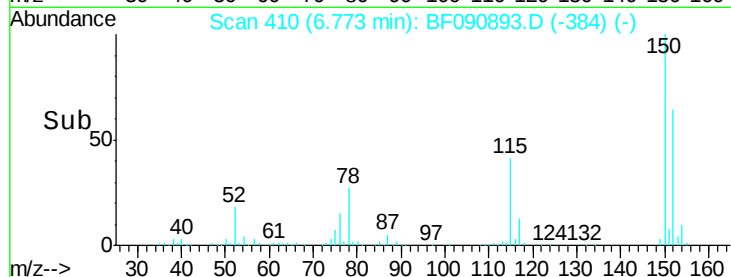
115 64.4 39.0 58.4#



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: 102.28 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.00 min

Lab File: BF090893.D

Acq: 28 Oct 2016 3:24

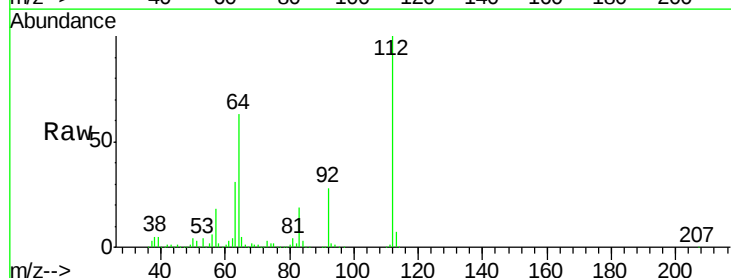
Tgt Ion:112 Resp: 929659

Ion Ratio Lower Upper

112 100

64 62.9 39.7 59.5#

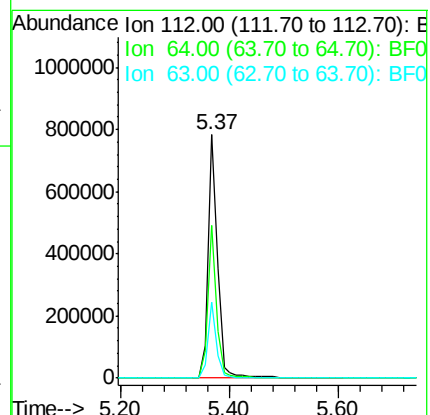
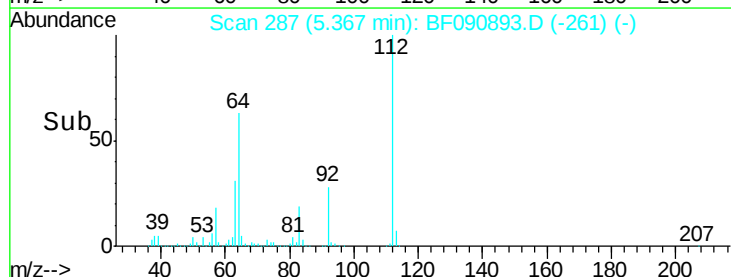
63 31.0 17.4 26.0#

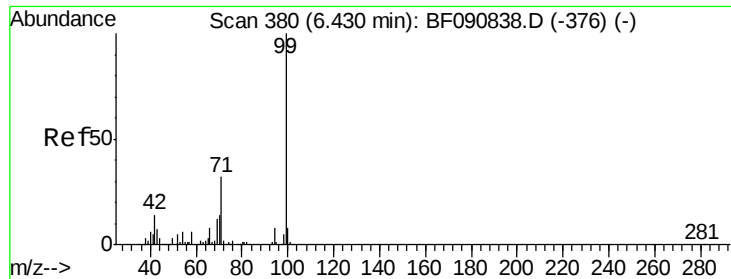


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.65 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF090893.D

Acq: 28 Oct 2016 3:24

Instrument :

BNA_F

ClientSampleId :

EME-BLEND-007

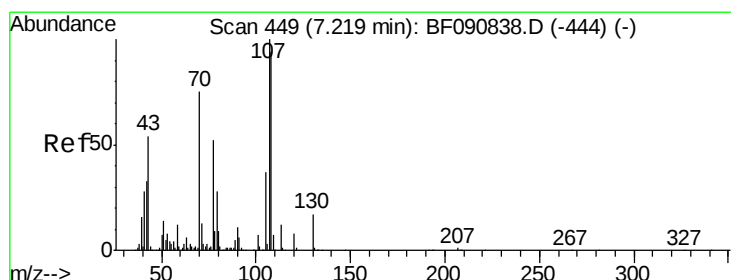
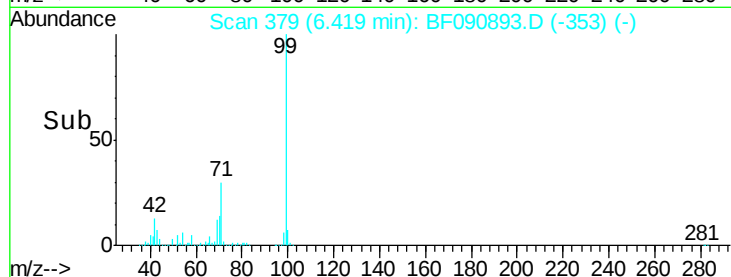
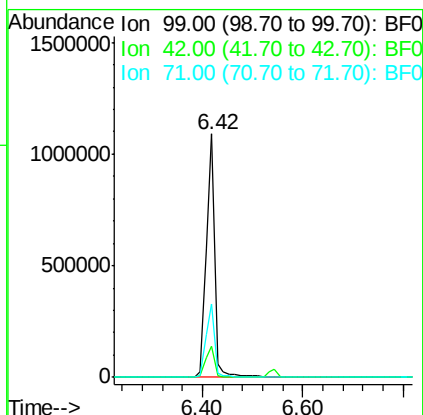
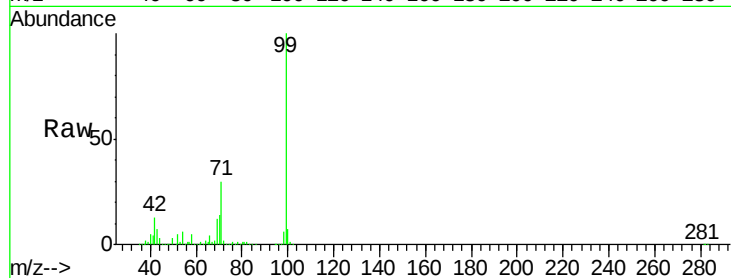
Tgt Ion: 99 Resp: 1283287

Ion Ratio Lower Upper

99 100

42 12.7 13.7 20.5#

71 30.0 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 12.65 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.14 min

Lab File: BF090893.D

Acq: 28 Oct 2016 3:24

Tgt Ion: 70 Resp: 89656

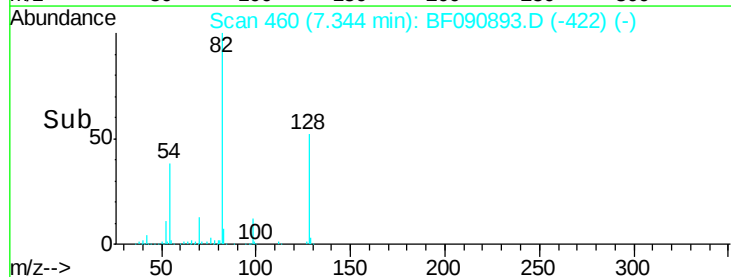
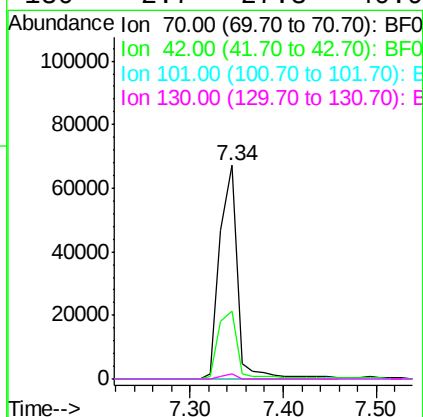
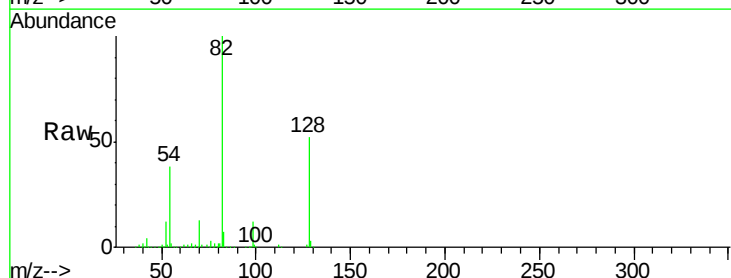
Ion Ratio Lower Upper

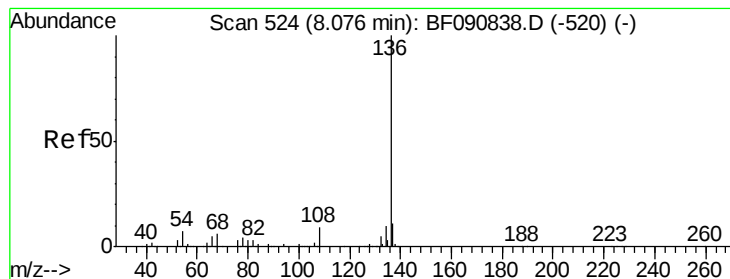
70 100

42 32.0 63.8 95.6#

101 0.0 9.2 13.8#

130 2.7 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: BF090893.D

Acq: 28 Oct 2016 3:24

Instrument :

BNA_F

ClientSampleId :

EME-BLEND-007

Tgt Ion: 136 Resp: 621382

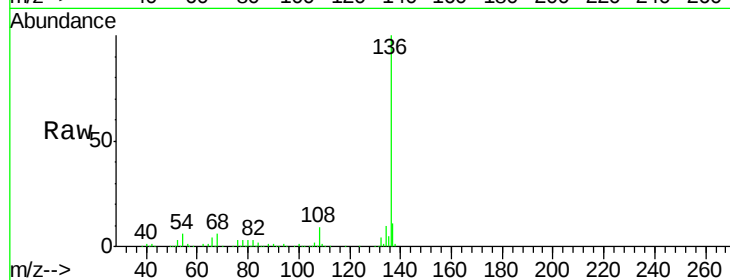
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 6.0 8.2 12.2#

68 5.7 5.8 8.6#

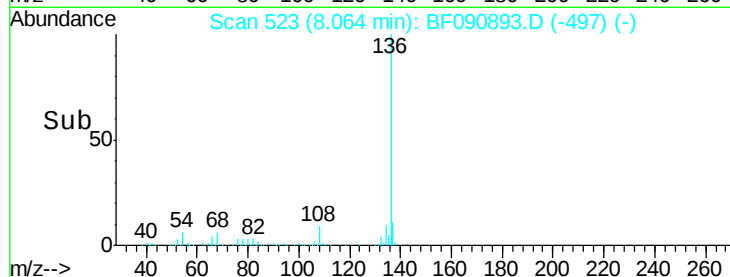


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

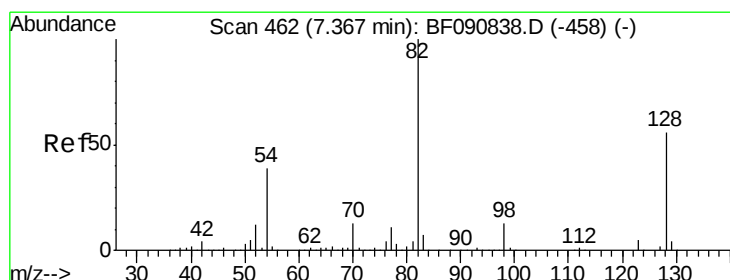
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

8.06



#23

Nitrobenzene-d5

Concen: 74.45 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF090893.D

Acq: 28 Oct 2016 3:24

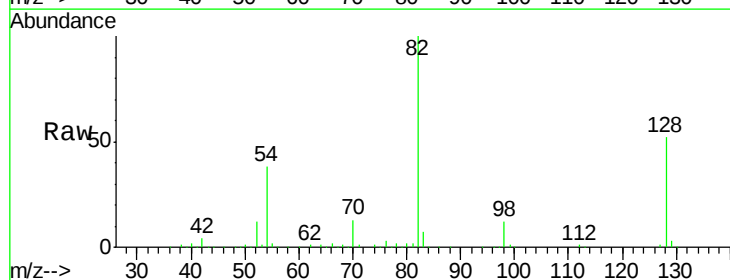
Tgt Ion: 82 Resp: 706710

Ion Ratio Lower Upper

82 100

128 52.4 51.0 76.6

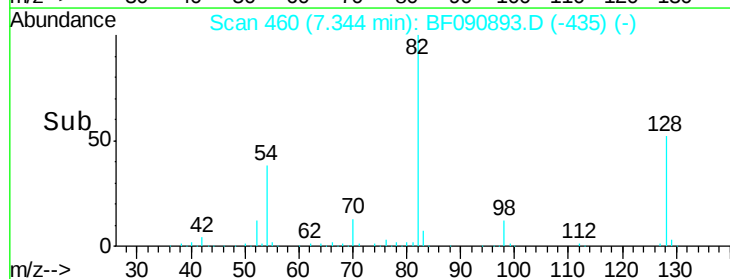
54 38.1 47.5 71.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0

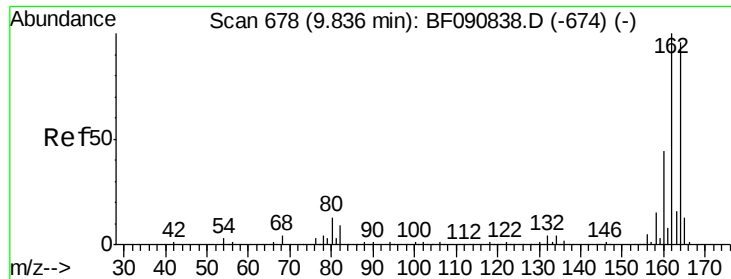
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

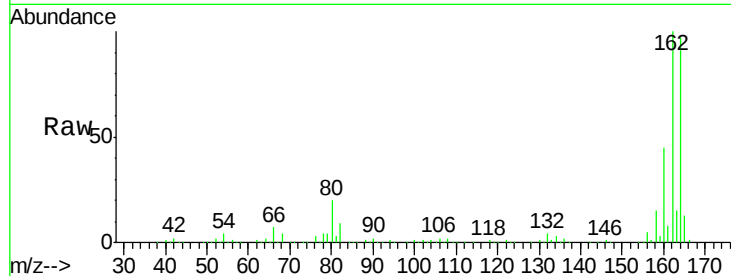
7.34



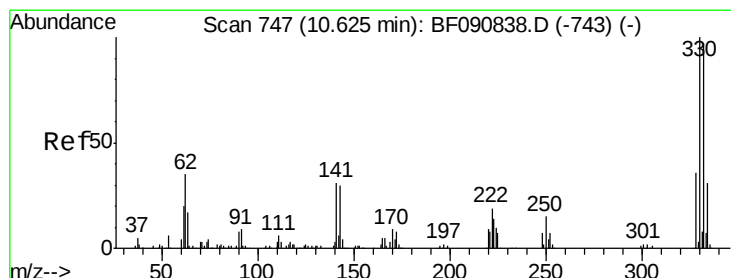
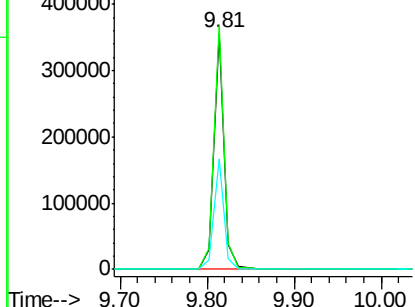
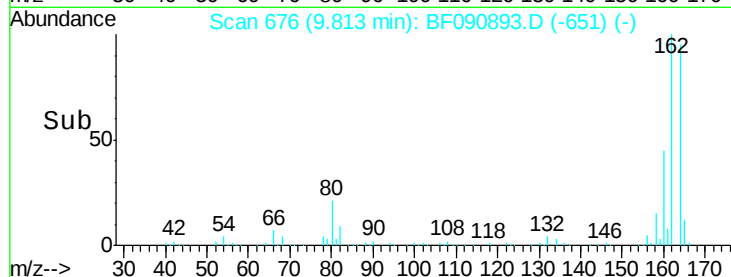
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF090893.D
 Acq: 28 Oct 2016 3:24

Instrument :
 BNA_F
 ClientSampleId :
 EME-BLEND-007

Tgt Ion:164 Resp: 297028
 Ion Ratio Lower Upper
 164 100
 162 103.1 75.2 112.8
 160 46.6 31.5 47.3

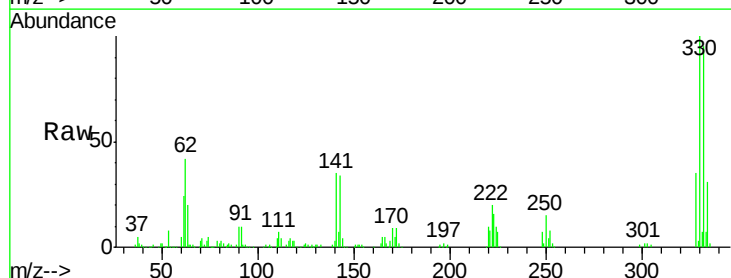


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

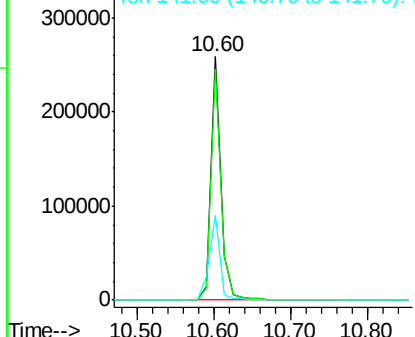
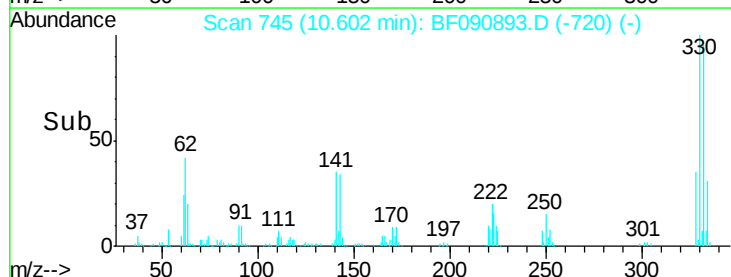


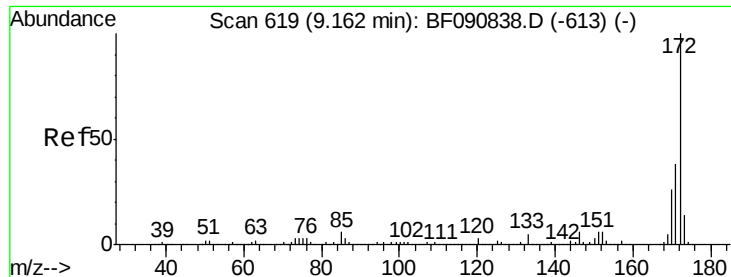
#41
 2,4,6-Tribromophenol
 Concen: 75.68 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF090893.D
 Acq: 28 Oct 2016 3:24

Tgt Ion:330 Resp: 231002
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 114.8
 141 37.8 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

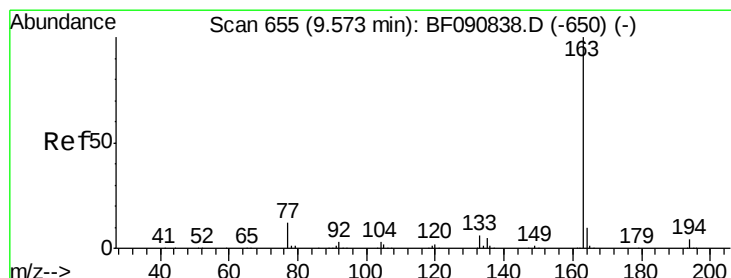
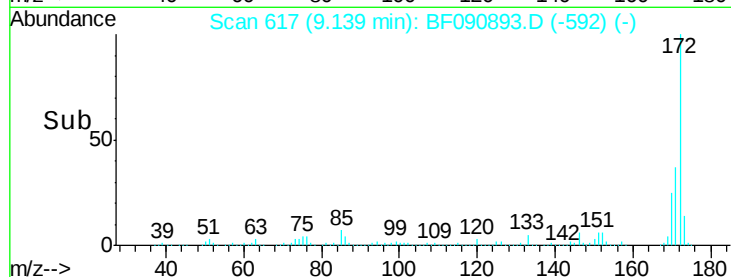
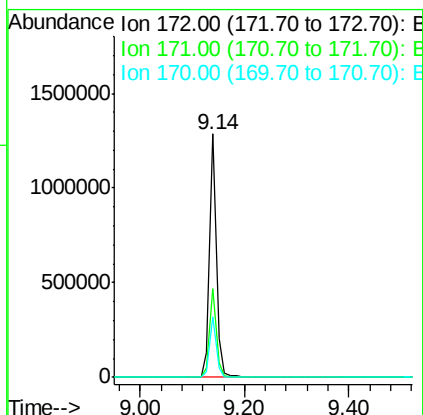
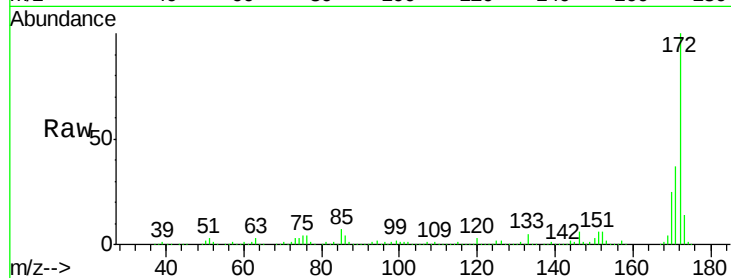




#44
 2-Fluorobiphenyl
 Concen: 69.03 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF090893.D
 Acq: 28 Oct 2016 3:24

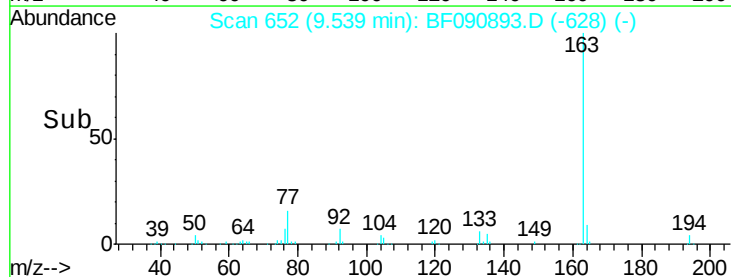
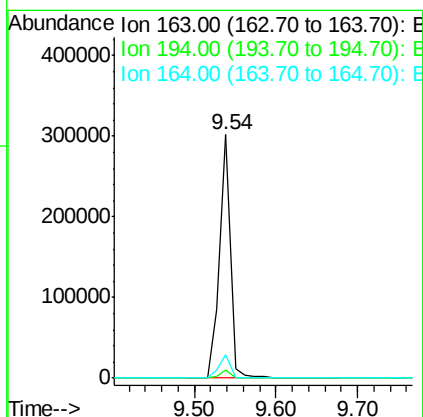
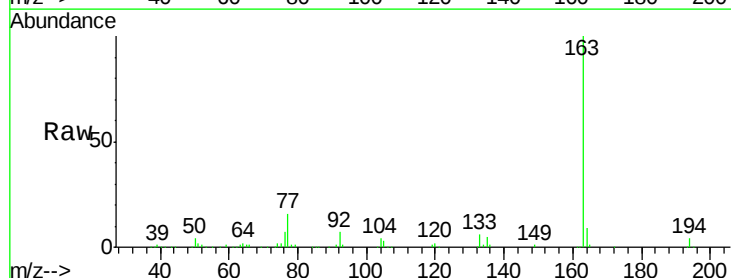
Instrument :
 BNA_F
 ClientSampleId :
 EME-BLEND-007

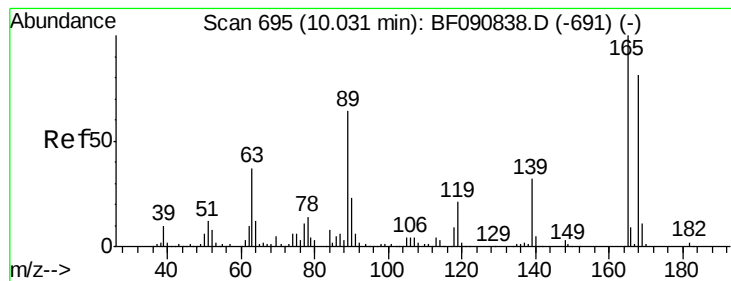
Tgt Ion:172 Resp: 1167605
 Ion Ratio Lower Upper
 172 100
 171 36.7 26.1 39.1
 170 24.8 17.4 26.2



#49
 Dimethylphthalate
 Concen: 14.25 ng
 RT: 9.54 min Scan# 652
 Delta R.T. -0.02 min
 Lab File: BF090893.D
 Acq: 28 Oct 2016 3:24

Tgt Ion:163 Resp: 282699
 Ion Ratio Lower Upper
 163 100
 194 3.5 4.4 6.6#
 164 9.5 8.3 12.5

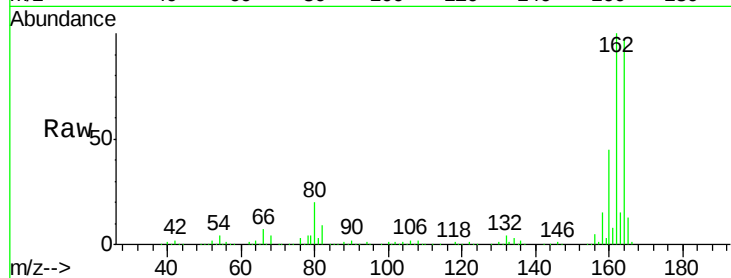




#56
 2,4-Dinitrotoluene
 Concen: 7.06 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.21 min
 Lab File: BF090893.D
 Acq: 28 Oct 2016 3:24

Instrument :
 BNA_F
 ClientSampleId :
 EME-BLEND-007

Tgt Ion:	165	Resp:	38450
Ion	Ratio	Lower	Upper
165	100		
63	0.7	29.8	44.6#
89	0.7	44.5	66.7#
182	0.0	3.0	4.4#

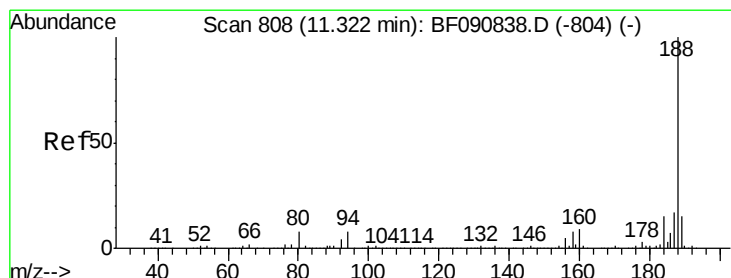
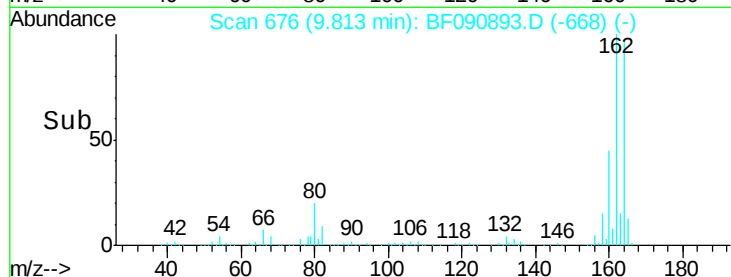
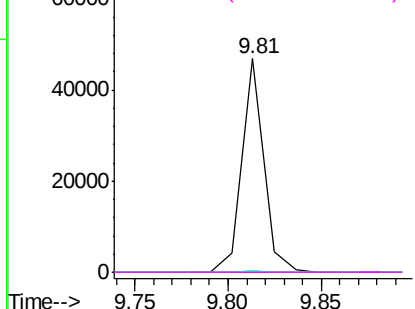


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

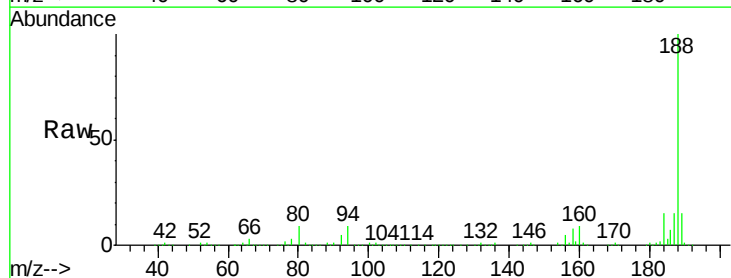
Ion 89.00 (88.70 to 89.70): BF0

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: BF090893.D
 Acq: 28 Oct 2016 3:24

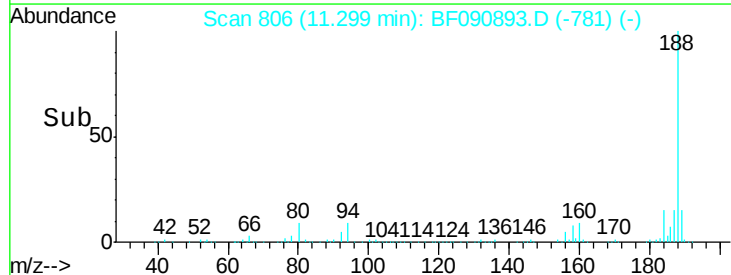
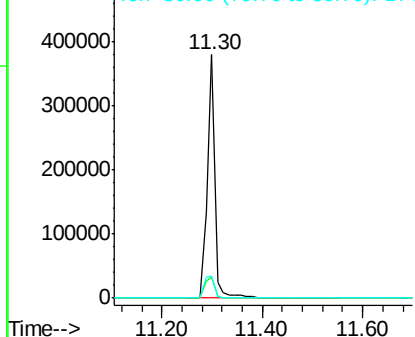
Tgt Ion:	188	Resp:	395220
Ion	Ratio	Lower	Upper
188	100		
94	8.6	11.1	16.7#
80	9.3	11.0	16.4#

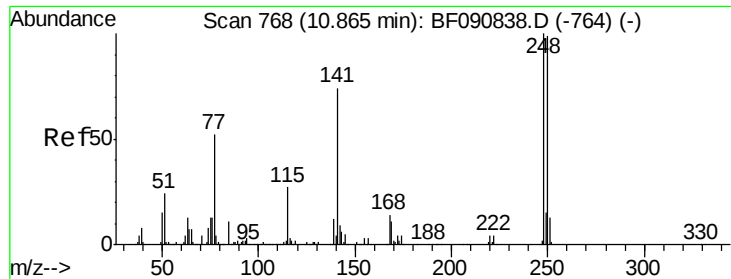


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

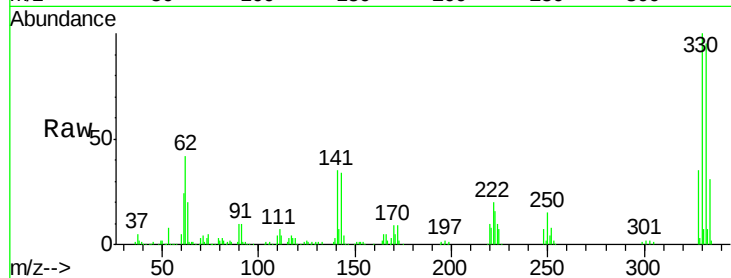




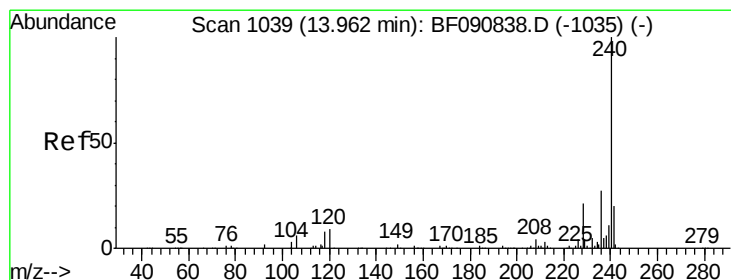
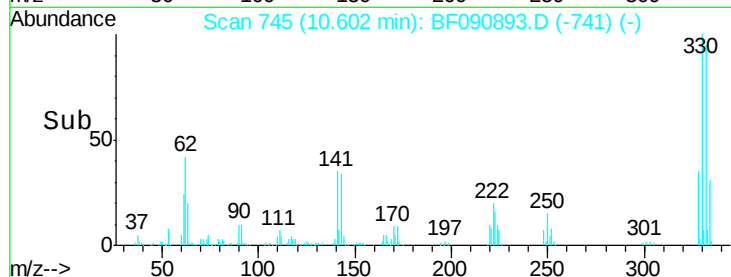
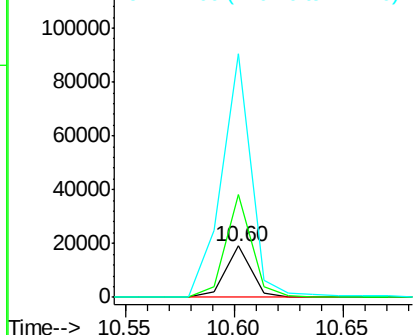
#66
 4-Bromophenyl-phenylether
 Concen: 3.66 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.25 min
 Lab File: BF090893.D
 Acq: 28 Oct 2016 3:24

Instrument :
 BNA_F
 ClientSampleId :
 EME-BLEND-007

Tgt Ion:248 Resp: 15852
 Ion Ratio Lower Upper
 248 100
 250 199.2 78.5 117.7#
 141 474.4 59.0 88.6#

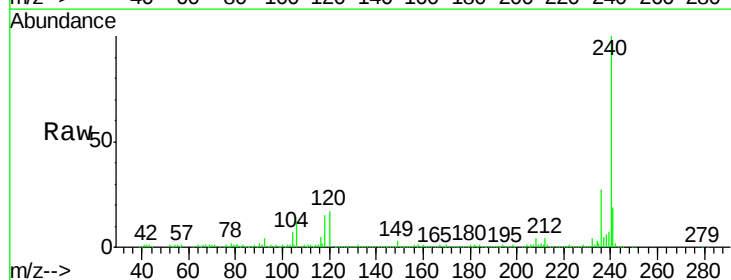


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

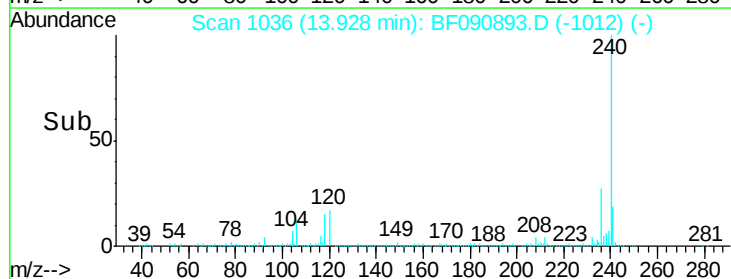
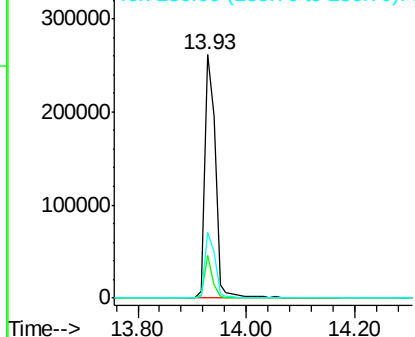


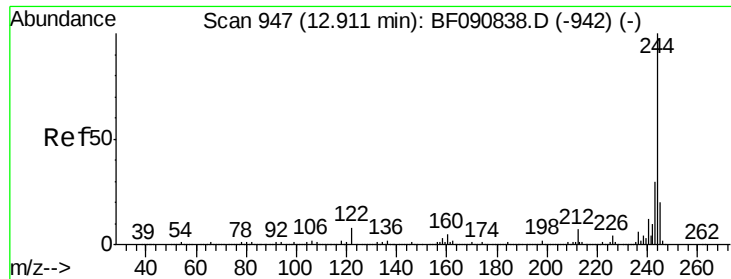
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.02 min
 Lab File: BF090893.D
 Acq: 28 Oct 2016 3:24

Tgt Ion:240 Resp: 348763
 Ion Ratio Lower Upper
 240 100
 120 17.4 16.2 24.2
 236 26.9 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

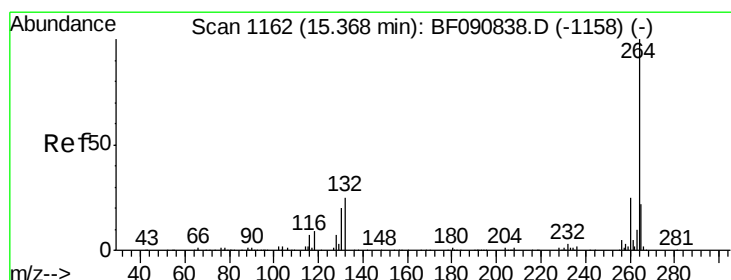
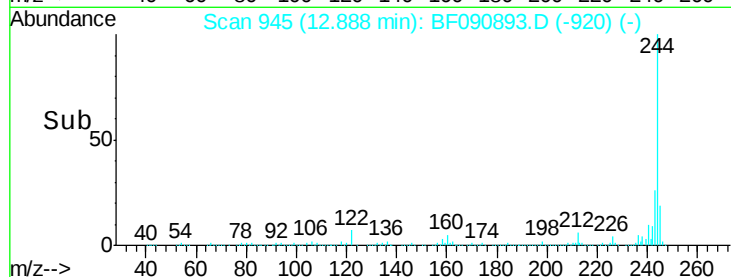
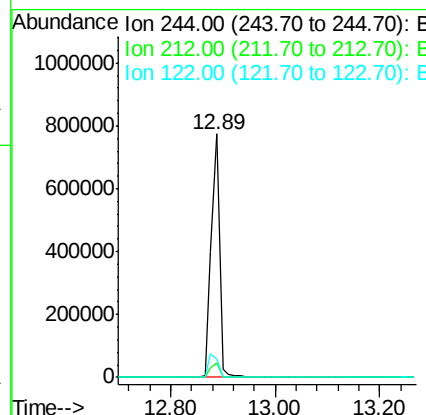
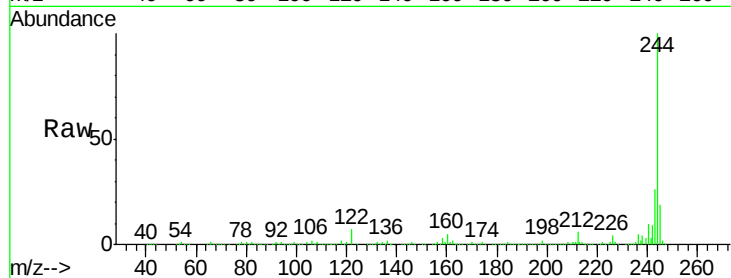




#78
 Terphenyl-d14
 Concen: 61.61 ng
 RT: 12.89 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF090893.D
 Acq: 28 Oct 2016 3:24

Instrument :
 BNA_F
 ClientSampleId :
 EME-BLEND-007

Tgt Ion: 244 Resp: 852856
 Ion Ratio Lower Upper
 244 100
 212 6.0 4.3 6.5
 122 7.3 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF090893.D
 Acq: 28 Oct 2016 3:24

Tgt Ion: 264 Resp: 271270
 Ion Ratio Lower Upper
 264 100
 260 25.1 16.7 25.1#
 265 21.3 17.2 25.8

