

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
 Data File : BF091295.D
 Acq On : 24 Nov 2016 00:38
 Operator : UM/SJ
 Sample : H5740-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05(6.8-7.8)

Quant Time: Nov 24 01:07:16 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 13:22:53 2016
 Response via : Initial Calibration

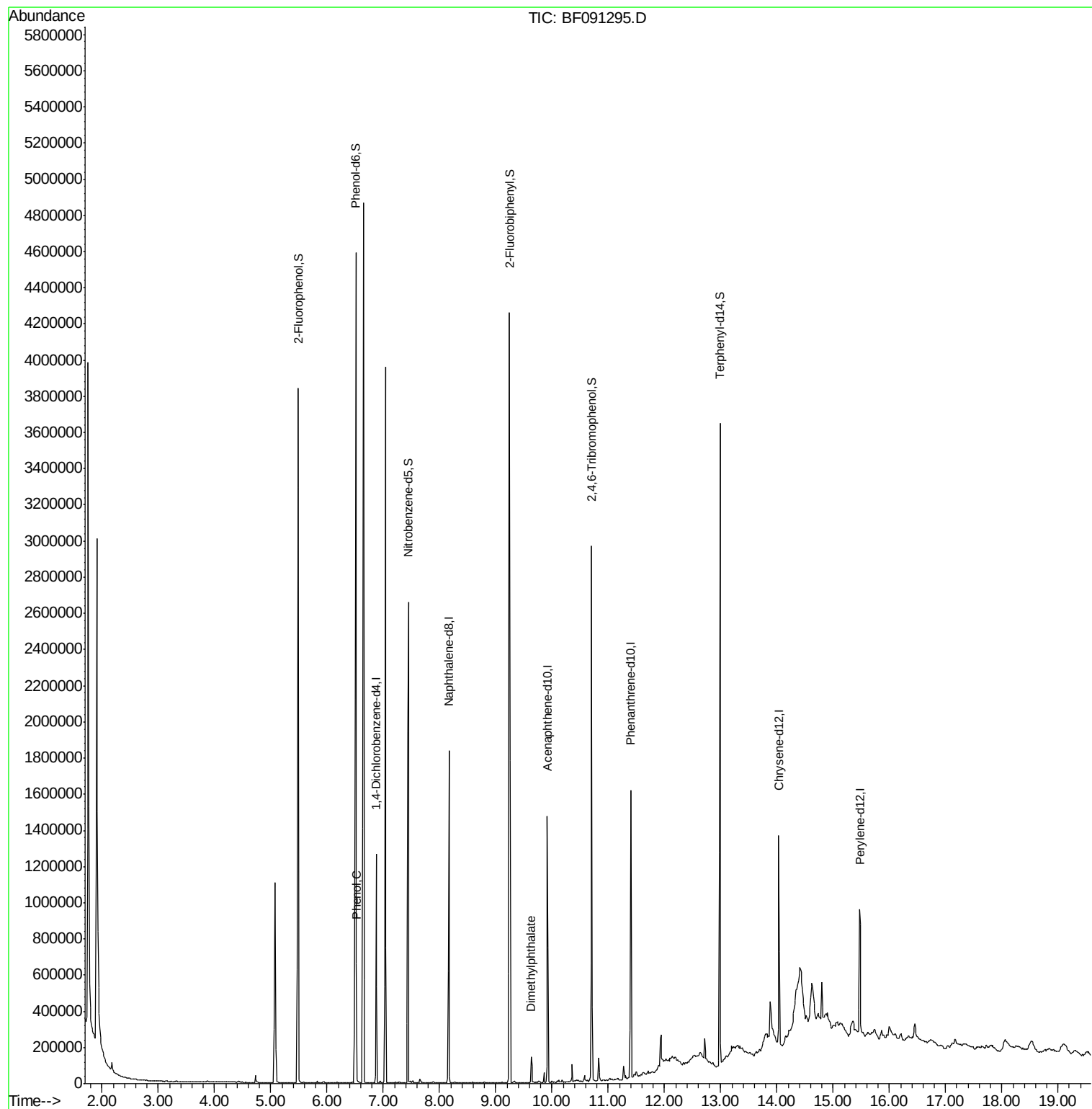
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	198184	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	824041	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	388657	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	554712	20.00	ng	0.00
75) Chrysene-d12	14.03	240	469557	20.00	ng	-0.01
86) Perylene-d12	15.47	264	399224	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1385118	112.29	ng	0.02
7) Phenol-d6	6.51	99	1558393	98.33	ng	0.01
23) Nitrobenzene-d5	7.45	82	1095352	76.52	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	330862	84.42	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1560064	65.73	ng	0.00
78) Terphenyl-d14	12.99	244	1147196	55.80	ng	0.00
Target Compounds						
10) Phenol	6.52	94	119533	6.76	ng	Qvalue 87
49) Dimethylphthalate	9.63	163	70317	2.90	ng	# 95

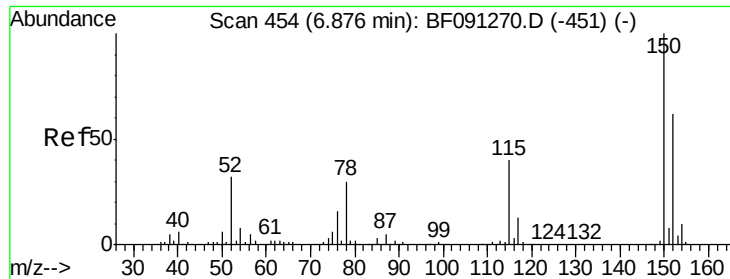
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF091295.D

Acq: 24 Nov 2016 00:38

Instrument :

BNA_F

ClientSampleId :

SB-05(6.8-7.8)

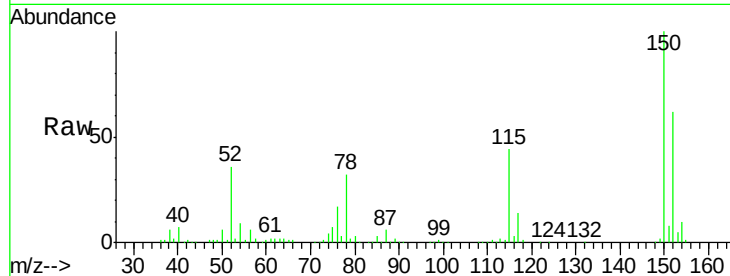
Tgt Ion:152 Resp: 198184

Ion Ratio Lower Upper

152 100

150 161.5 122.5 183.7

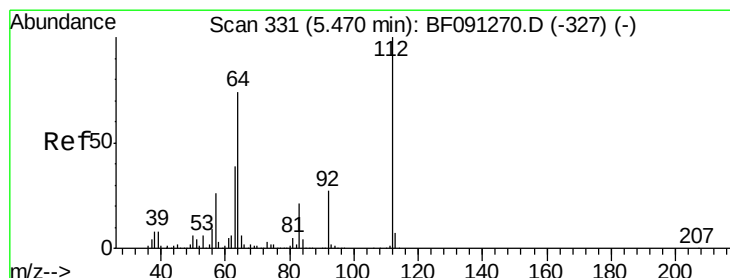
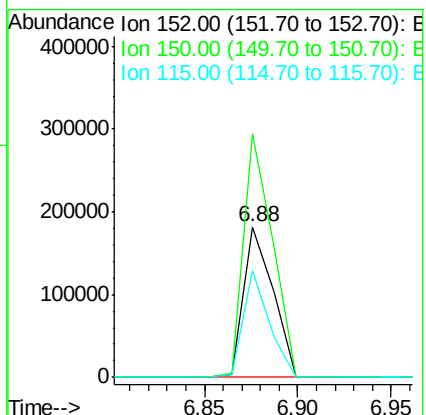
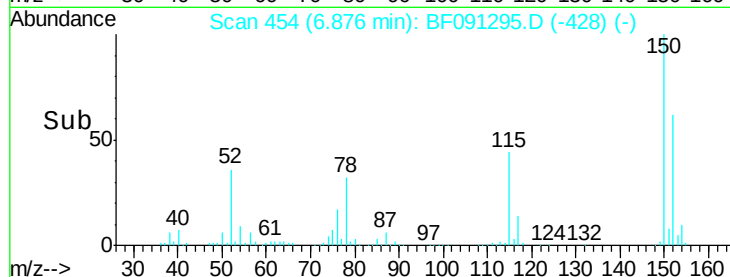
115 71.1 51.8 77.8



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: 112.29 ng

RT: 5.49 min Scan# 333

Delta R.T. 0.02 min

Lab File: BF091295.D

Acq: 24 Nov 2016 00:38

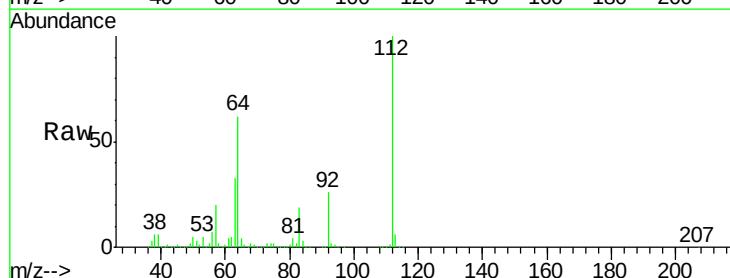
Tgt Ion:112 Resp: 1385118

Ion Ratio Lower Upper

112 100

64 61.6 61.5 92.3

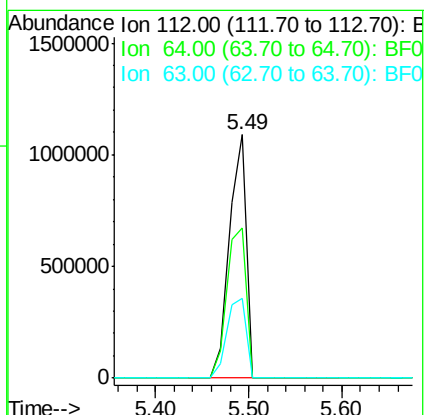
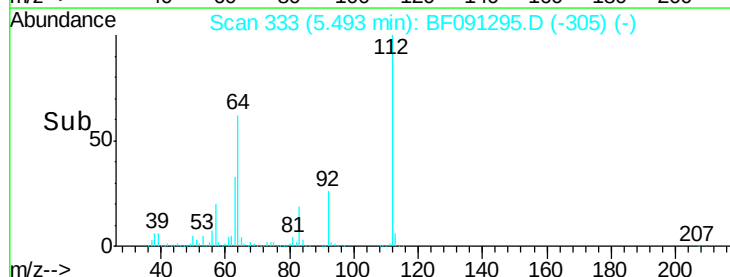
63 33.0 33.3 49.9#

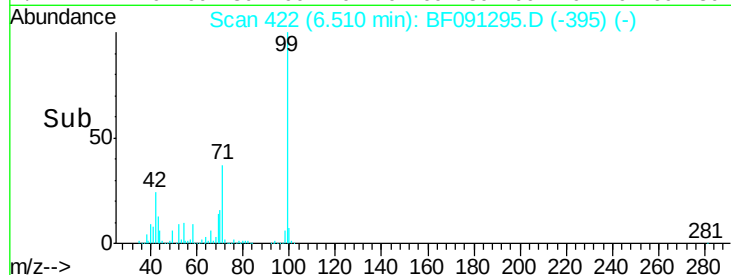
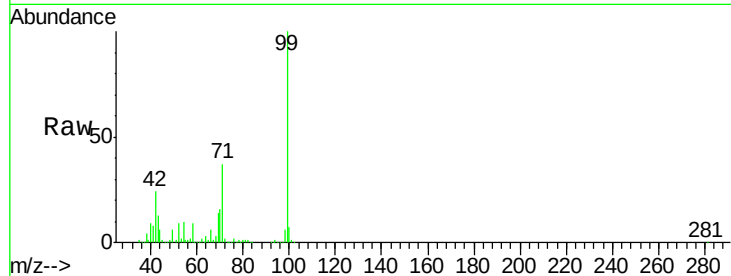
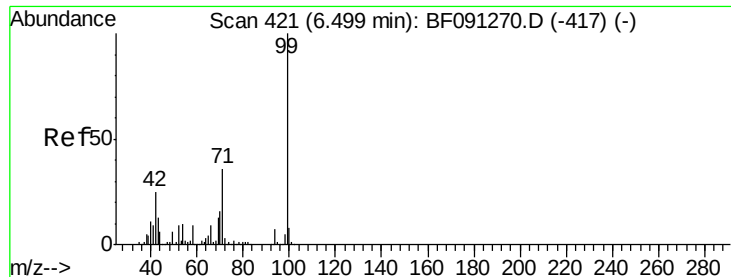


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 98.33 ng

RT: 6.51 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF091295.D

Acq: 24 Nov 2016 00:38

Instrument :

BNA_F

ClientSampleId :

SB-05(6.8-7.8)

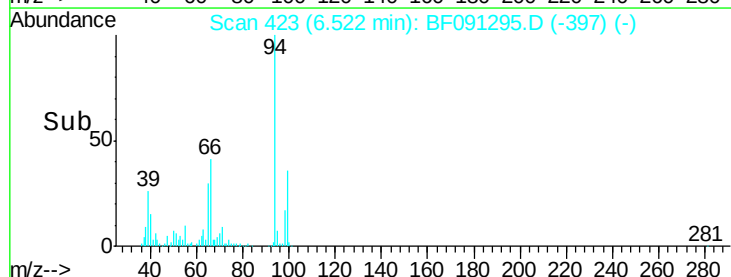
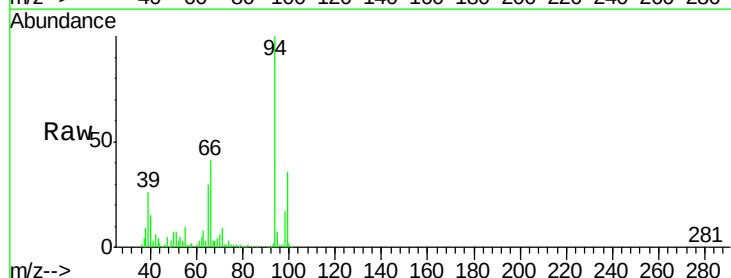
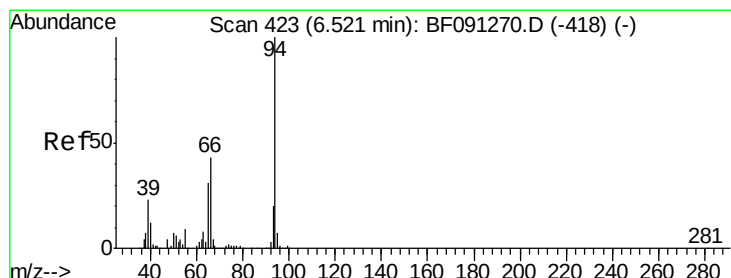
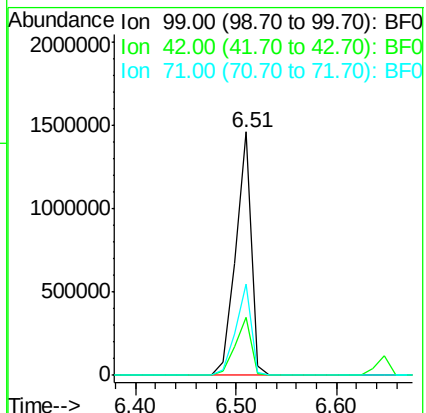
Tgt Ion: 99 Resp: 1558393

Ion Ratio Lower Upper

99 100

42 23.8 20.6 31.0

71 37.3 29.9 44.9



#10

Phenol

Concen: 6.76 ng

RT: 6.52 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF091295.D

Acq: 24 Nov 2016 00:38

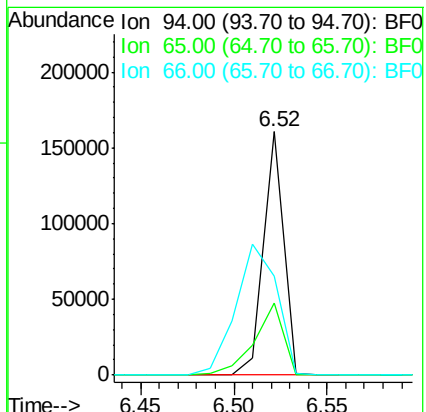
Tgt Ion: 94 Resp: 119533

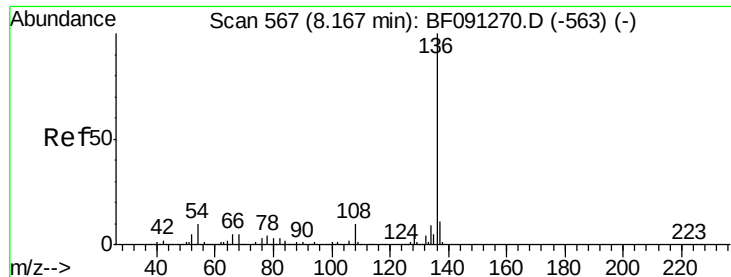
Ion Ratio Lower Upper

94 100

65 29.8 16.9 56.9

66 40.9 30.6 70.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF091295.D

Acq: 24 Nov 2016 00:38

Instrument :

BNA_F

ClientSampleId :

SB-05(6.8-7.8)

Tgt Ion:136 Resp: 824041

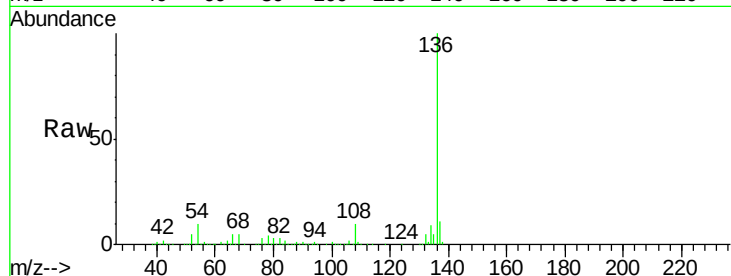
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 9.6 9.1 13.7

68 4.9 5.9 8.9#

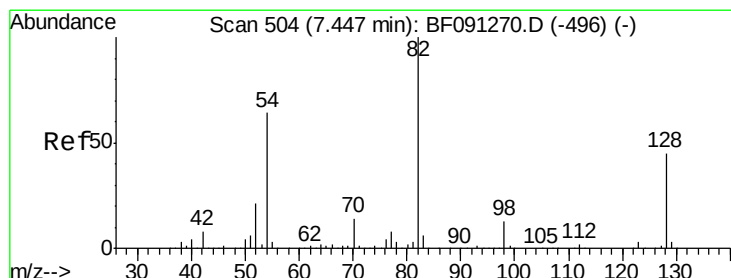
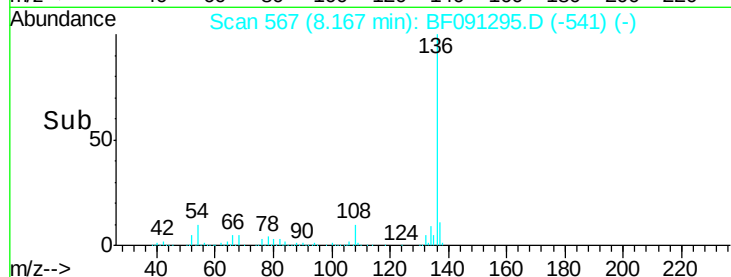
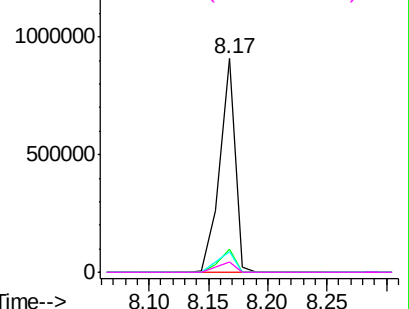


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.52 ng

RT: 7.45 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF091295.D

Acq: 24 Nov 2016 00:38

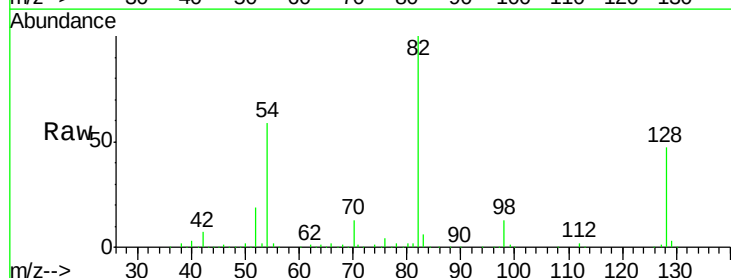
Tgt Ion: 82 Resp: 1095352

Ion Ratio Lower Upper

82 100

128 47.4 31.8 47.6

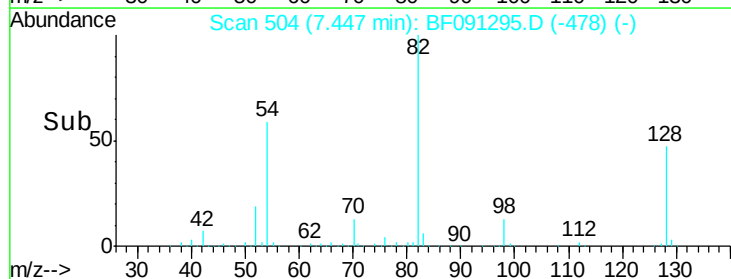
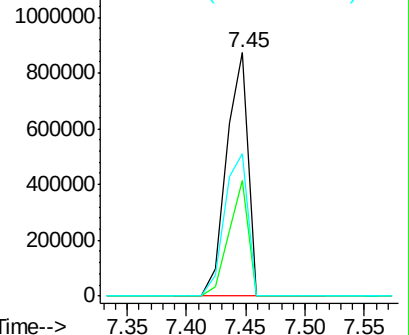
54 58.5 49.1 73.7

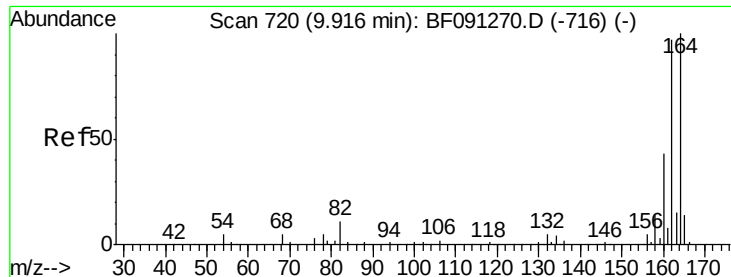


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.92 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF091295.D

Acq: 24 Nov 2016 00:38

Instrument :

BNA_F

ClientSampleId :

SB-05(6.8-7.8)

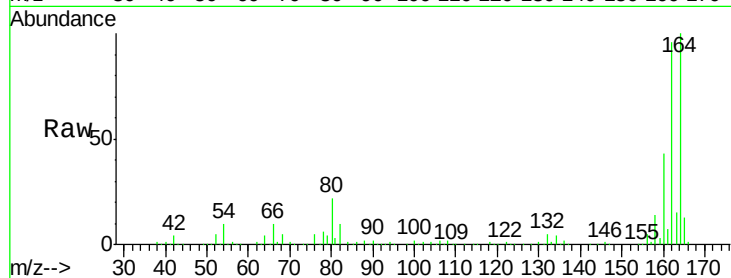
Tgt Ion:164 Resp: 388657

Ion Ratio Lower Upper

164 100

162 96.5 82.6 124.0

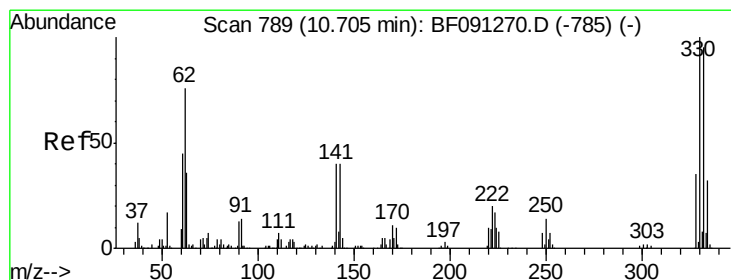
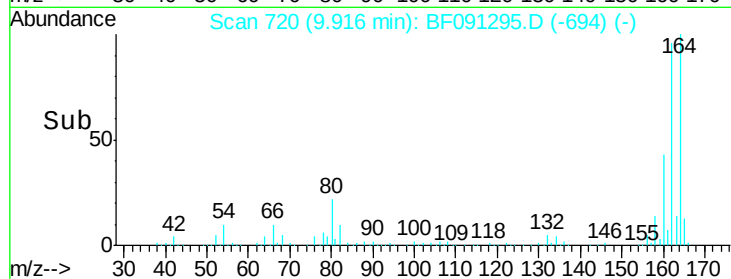
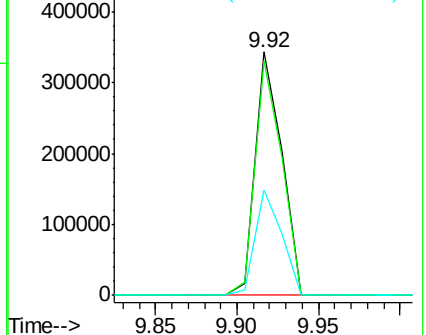
160 43.1 36.7 55.1



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: 84.42 ng

RT: 10.70 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF091295.D

Acq: 24 Nov 2016 00:38

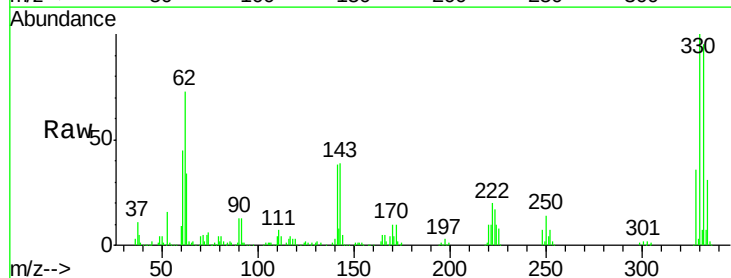
Tgt Ion:330 Resp: 330862

Ion Ratio Lower Upper

330 100

332 96.1 76.2 114.4

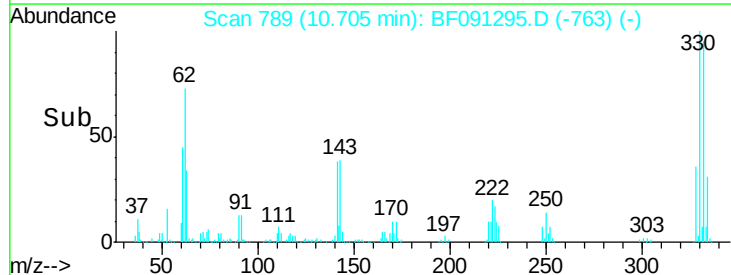
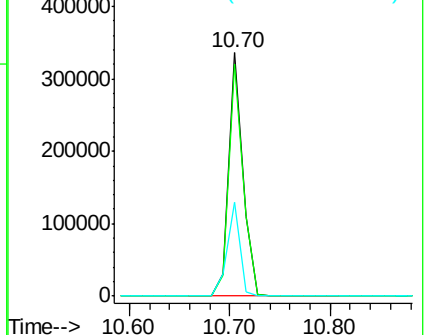
141 34.4 33.6 50.4

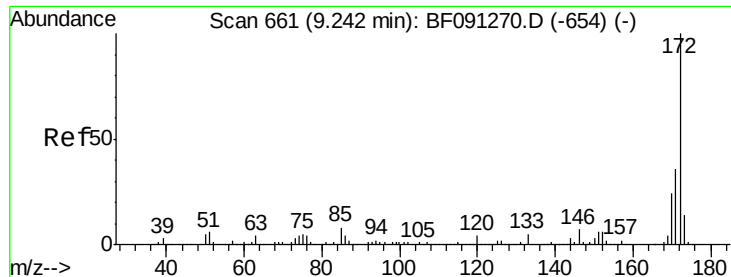


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

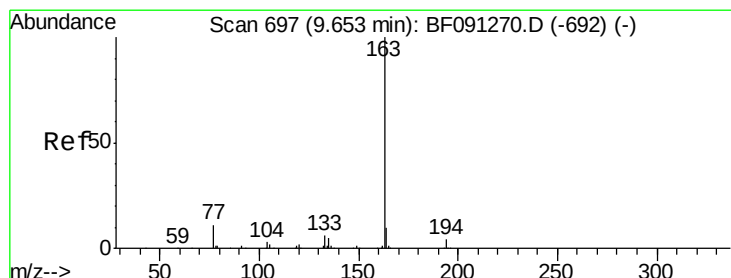
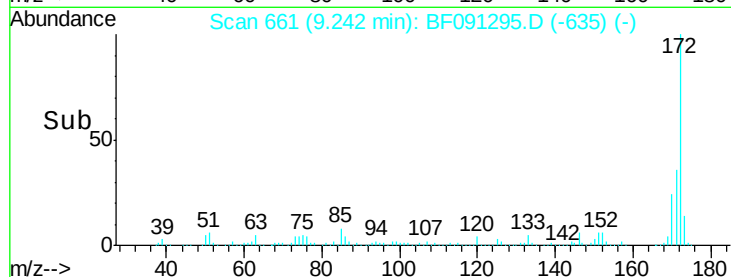
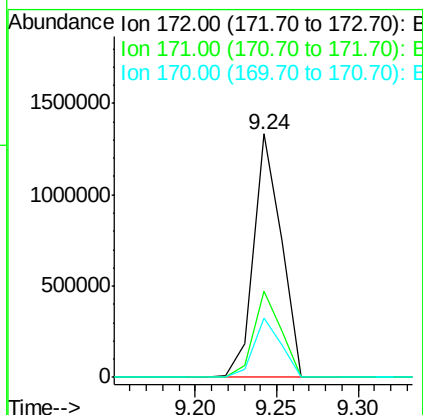
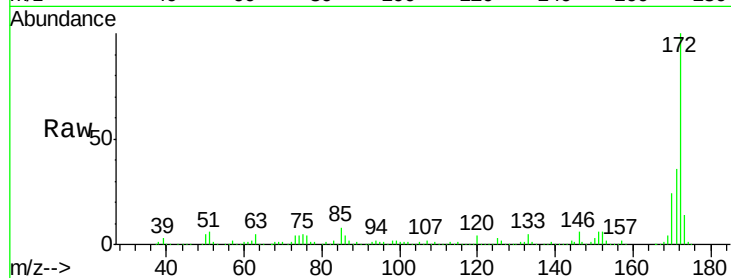




#44
2-Fluorobiphenyl
Concen: 65.73 ng
RT: 9.24 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF091295.D
Acq: 24 Nov 2016 00:38

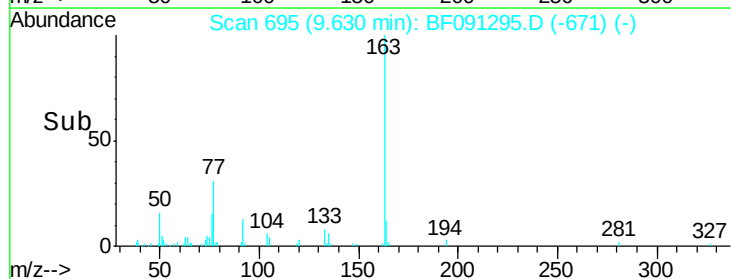
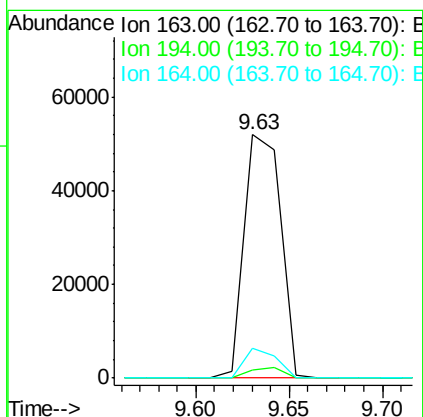
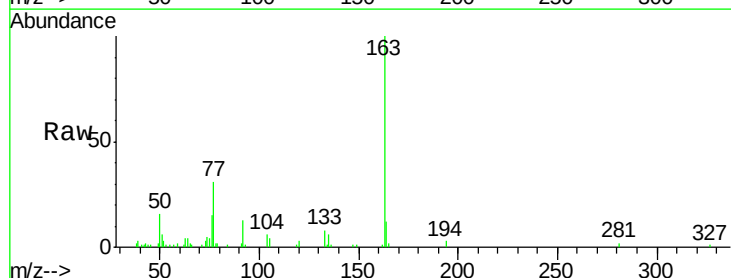
Instrument :
BNA_F
ClientSampleId :
SB-05(6.8-7.8)

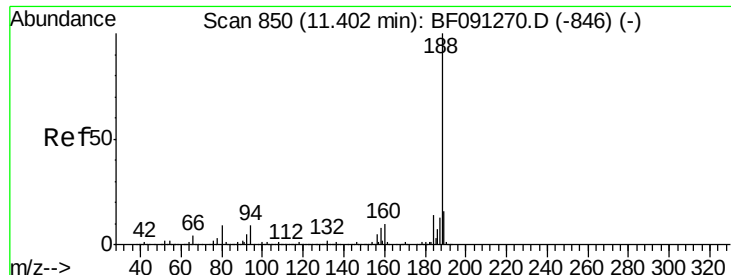
Tgt Ion:172 Resp: 1560064
Ion Ratio Lower Upper
172 100
171 35.6 29.4 44.0
170 24.3 19.7 29.5



#49
Dimethylphthalate
Concen: 2.90 ng
RT: 9.63 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF091295.D
Acq: 24 Nov 2016 00:38

Tgt Ion:163 Resp: 70317
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 12.1 7.8 11.8#

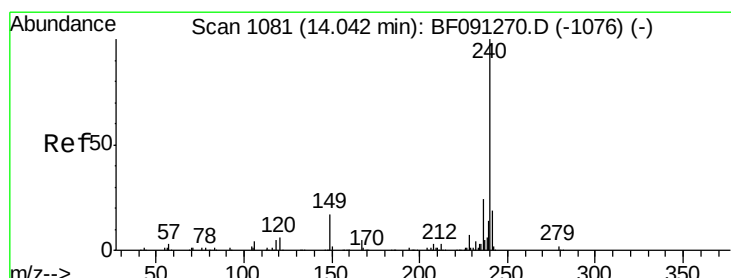
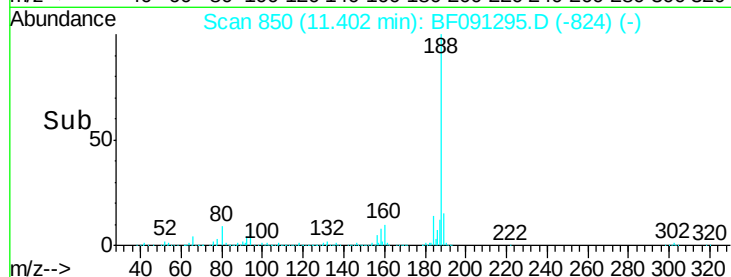
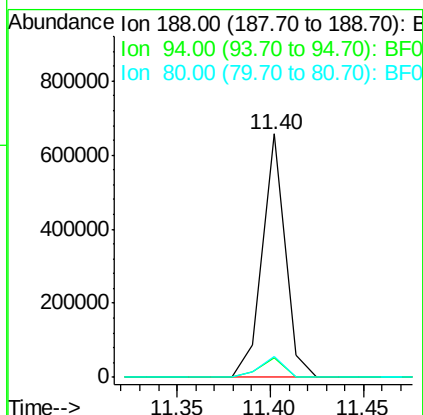
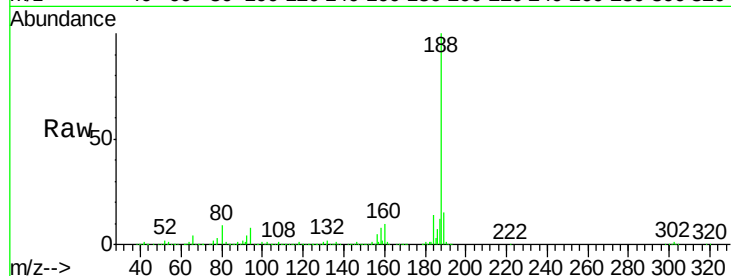




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF091295.D
Acq: 24 Nov 2016 00:38

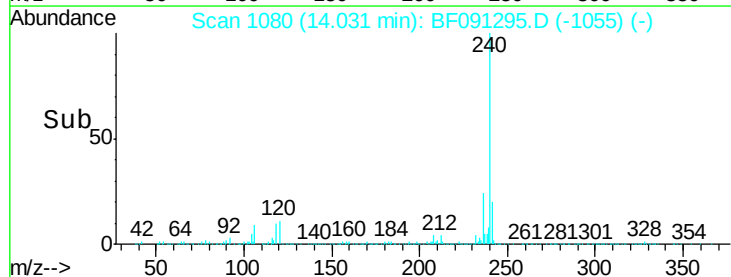
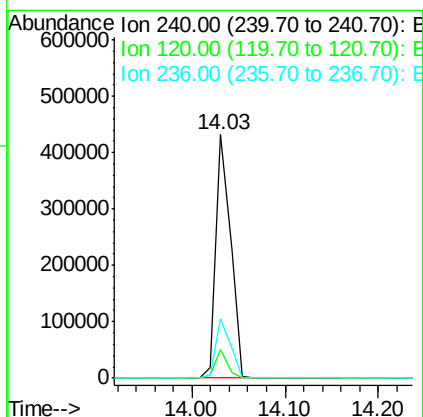
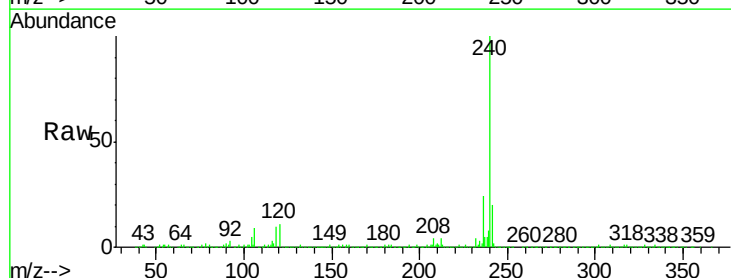
Instrument :
BNA_F
ClientSampleId :
SB-05(6.8-7.8)

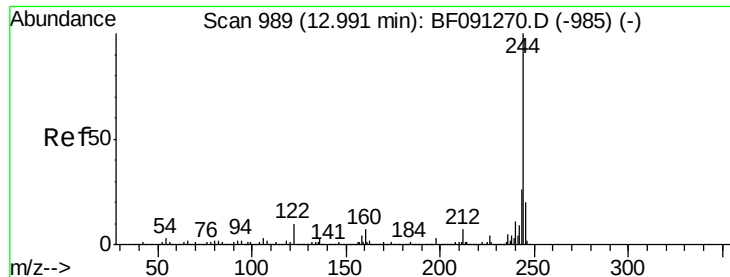
Tgt Ion:188 Resp: 554712
Ion Ratio Lower Upper
188 100
94 8.0 9.2 13.8#
80 8.7 10.5 15.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BF091295.D
Acq: 24 Nov 2016 00:38

Tgt Ion:240 Resp: 469557
Ion Ratio Lower Upper
240 100
120 11.5 12.1 18.1#
236 24.5 21.0 31.6

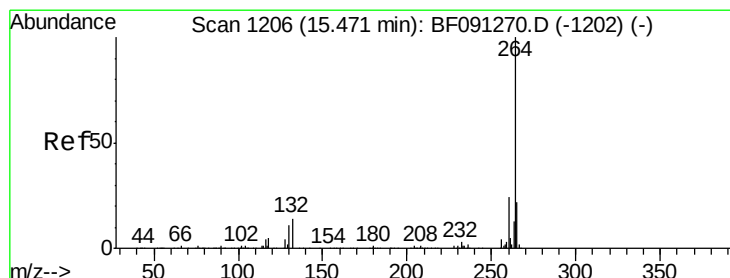
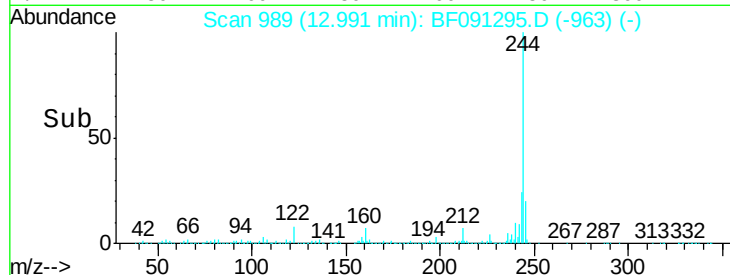
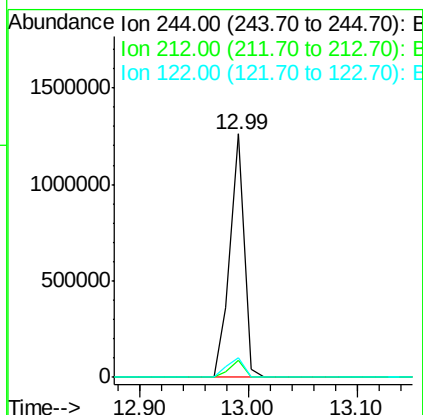
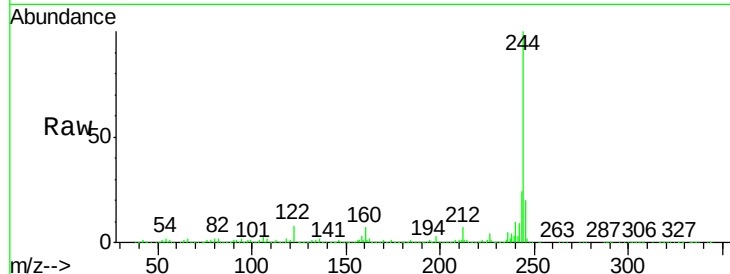




#78
 Terphenyl-d14
 Concen: 55.80 ng
 RT: 12.99 min Scan# 989
 Delta R.T. 0.00 min
 Lab File: BF091295.D
 Acq: 24 Nov 2016 00:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-05(6.8-7.8)

Tgt Ion:244 Resp: 1147196
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 8.2 9.5 14.3#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF091295.D
 Acq: 24 Nov 2016 00:38

Tgt Ion:264 Resp: 399224
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.8 28.2
 265 22.8 17.0 25.6

