

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
 Data File : BF090995.D
 Acq On : 2 Nov 2016 22:18
 Operator : UM/SJ
 Sample : H5463-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-2)

Quant Time: Nov 03 01:55:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:53:50 2016
 Response via : Initial Calibration

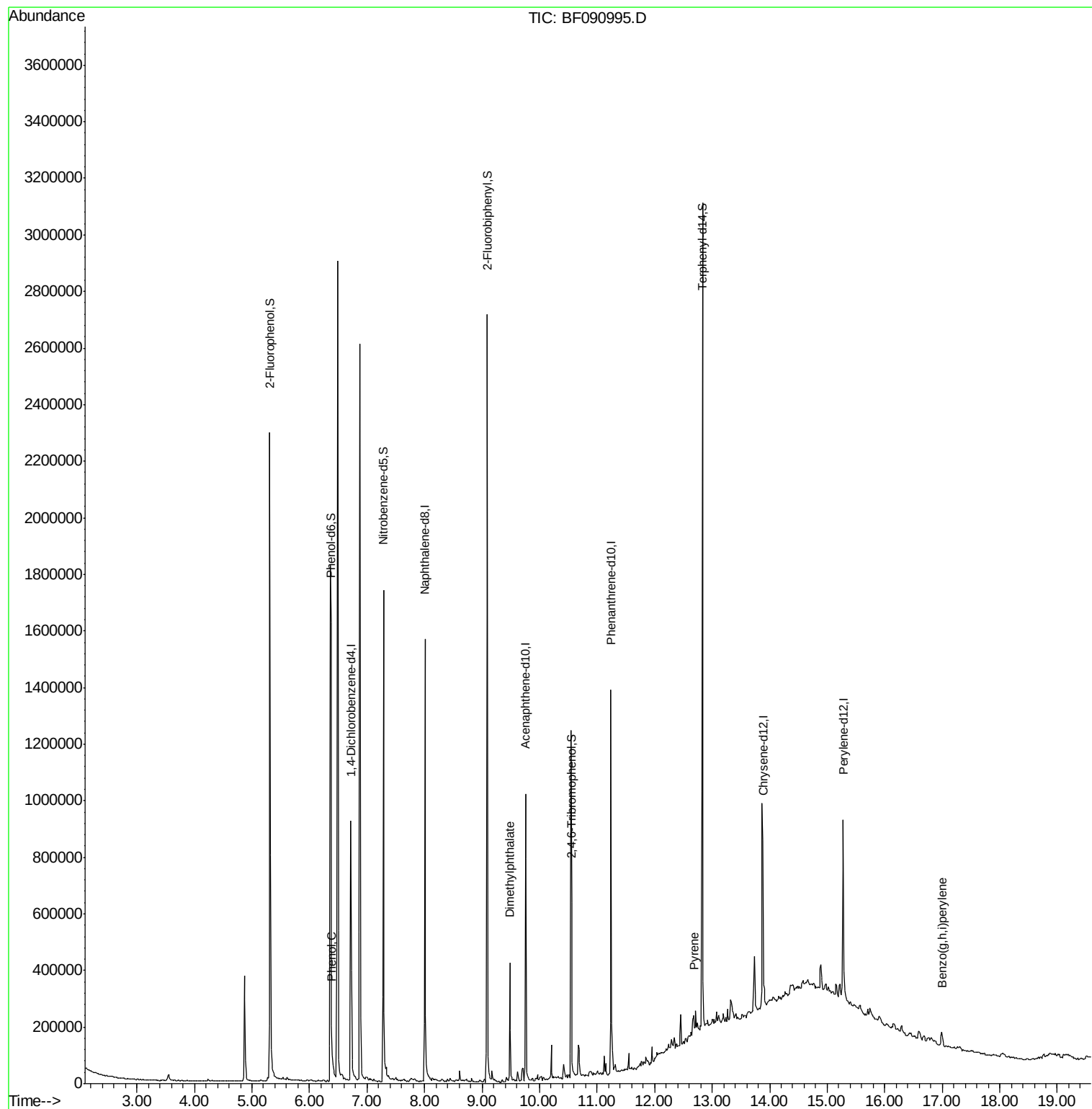
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	171921	20.00	ng	-0.03
21) Naphthalene-d8	8.01	136	720479	20.00	ng	-0.03
38) Acenaphthene-d10	9.76	164	313304	20.00	ng	-0.03
63) Phenanthrene-d10	11.24	188	509697	20.00	ng	-0.02
75) Chrysene-d12	13.88	240	351947	20.00	ng	-0.02
86) Perylene-d12	15.28	264	335203	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	738307	75.08	ng	-0.02
7) Phenol-d6	6.37	99	1056156	79.61	ng	-0.02
23) Nitrobenzene-d5	7.29	82	645331	58.64	ng	-0.03
41) 2,4,6-Tribromophenol	10.56	330	198878	61.77	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	1162674	65.16	ng	-0.02
78) Terphenyl-d14	12.83	244	925411	66.24	ng	-0.02
Target Compounds						
10) Phenol	6.38	94	34789	2.38	ng	# 72
49) Dimethylphthalate	9.48	163	204603	9.77	ng	# 97
77) Pyrene	12.68	202	46773	2.10	ng	# 97
91) Benzo(g,h,i)perylene	16.99	276	39318	2.55	ng	# 80

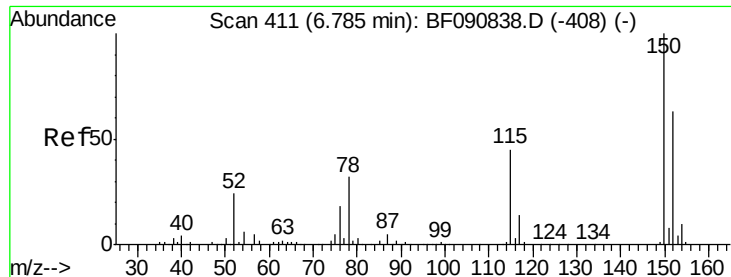
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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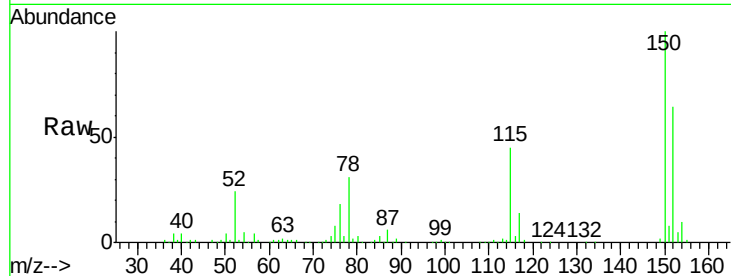




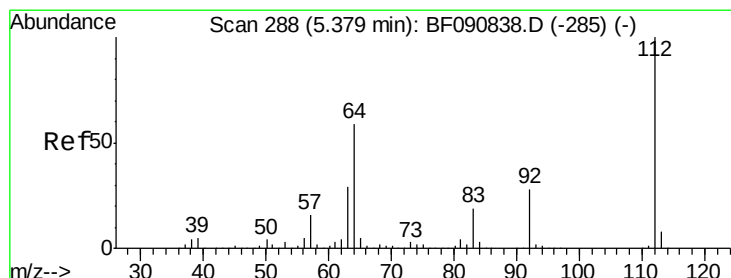
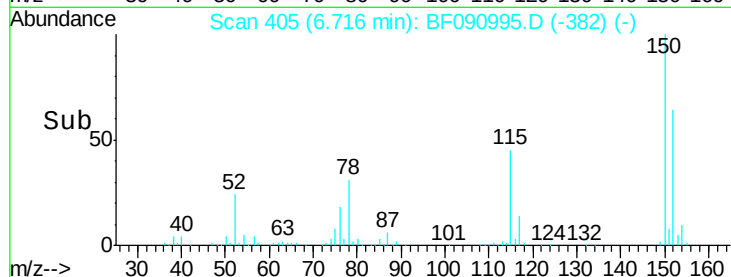
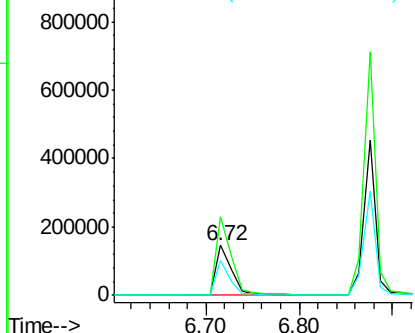
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.72 min Scan# 405
 Delta R.T. -0.03 min
 Lab File: BF090995.D
 Acq: 2 Nov 2016 22:18

Instrument :
 BNA_F
 ClientSampleID :
 SB-3(0-2)

Tgt Ion:152 Resp: 171921
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.7 187.1
 115 70.1 39.0 58.4#

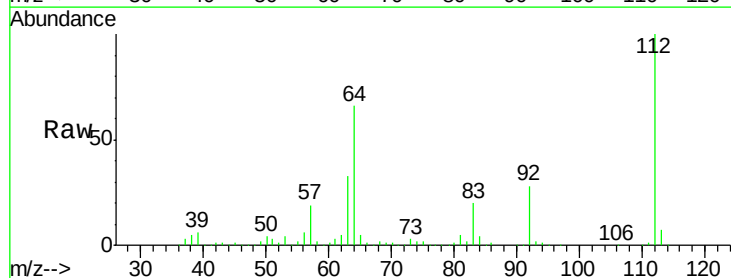


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

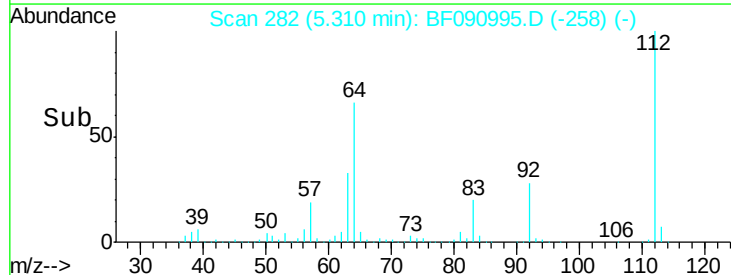
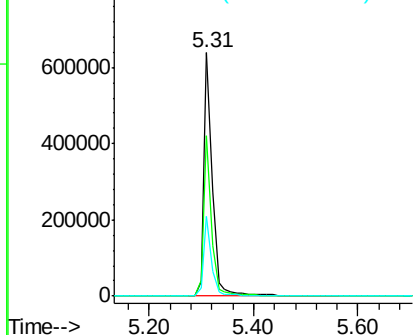


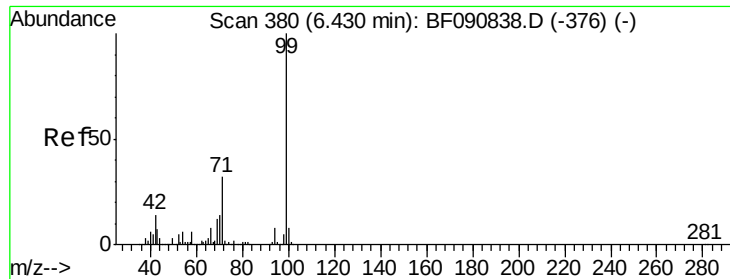
#5
 2-Fluorophenol
 Concen: 75.08 ng
 RT: 5.31 min Scan# 282
 Delta R.T. -0.02 min
 Lab File: BF090995.D
 Acq: 2 Nov 2016 22:18

Tgt Ion:112 Resp: 738307
 Ion Ratio Lower Upper
 112 100
 64 66.0 39.7 59.5#
 63 32.7 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: 79.61 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF090995.D

Acq: 2 Nov 2016 22:18

Instrument :

BNA_F

ClientSampleId :

SB-3(0-2)

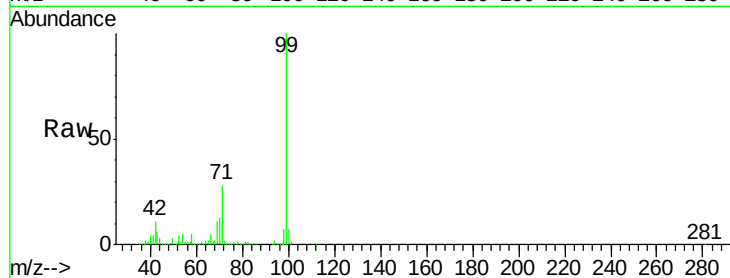
Tgt Ion: 99 Resp: 1056156

Ion Ratio Lower Upper

99 100

42 11.2 13.7 20.5#

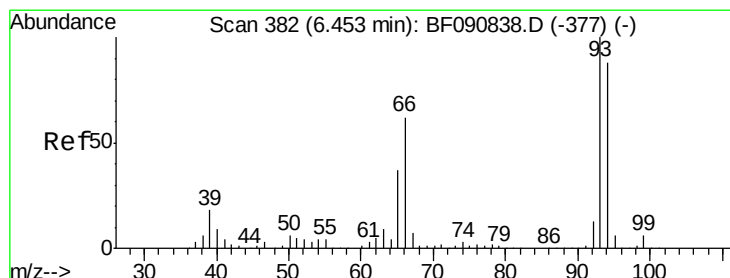
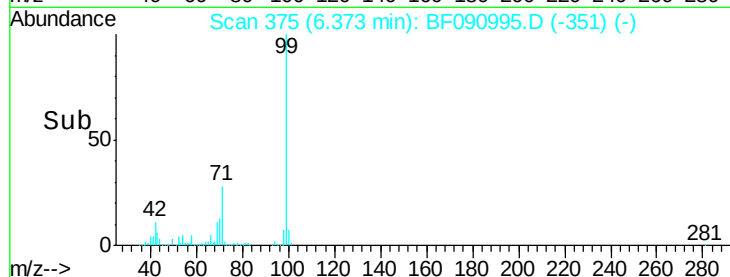
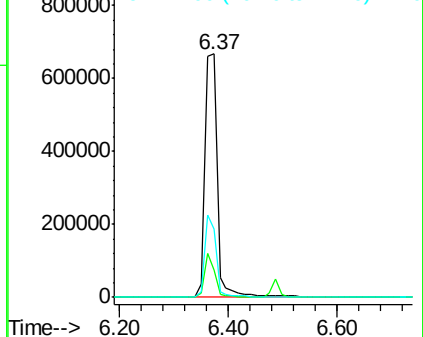
71 28.0 14.2 21.2#



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: 2.38 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF090995.D

Acq: 2 Nov 2016 22:18

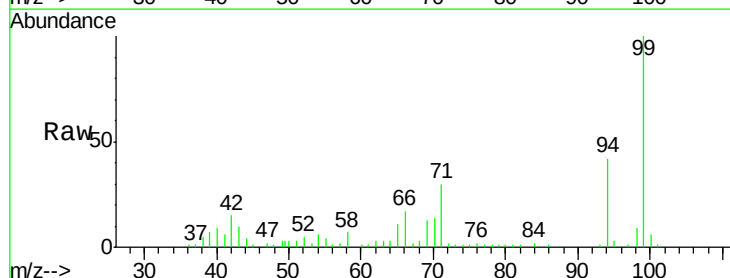
Tgt Ion: 94 Resp: 34789

Ion Ratio Lower Upper

94 100

65 25.8 0.7 40.7

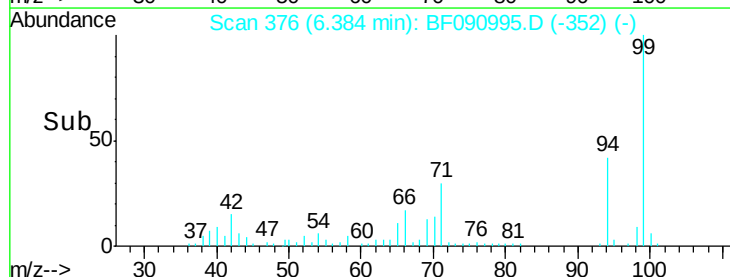
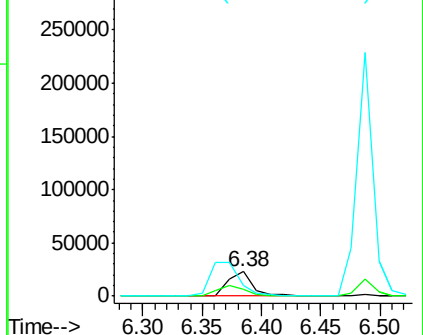
66 41.3 0.8 40.8#

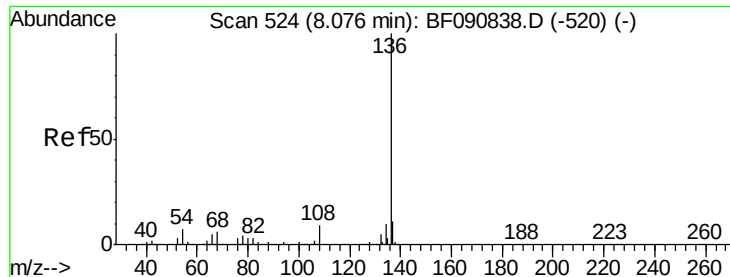


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.03 min

Lab File: BF090995.D

Acq: 2 Nov 2016 22:18

Instrument :

BNA_F

ClientSampleId :

SB-3(0-2)

Tgt Ion: 136 Resp: 720479

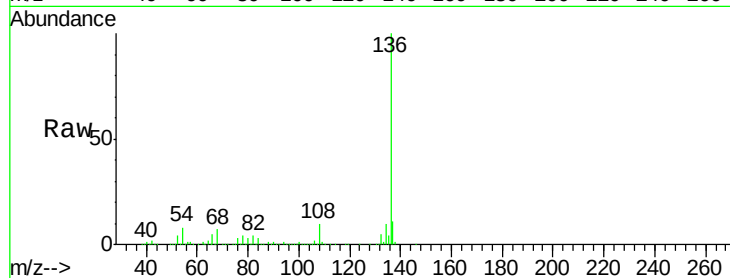
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 8.1 8.2 12.2#

68 7.3 5.8 8.6

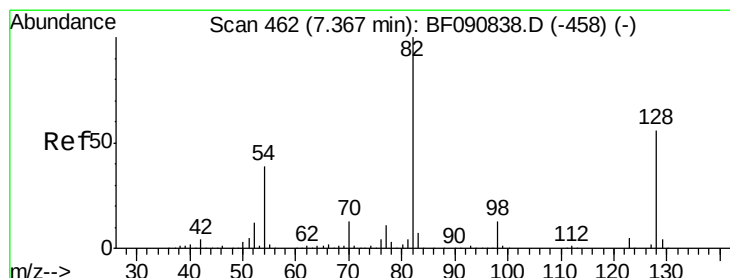
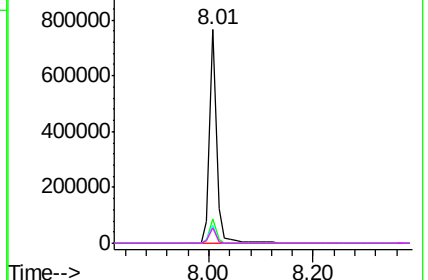
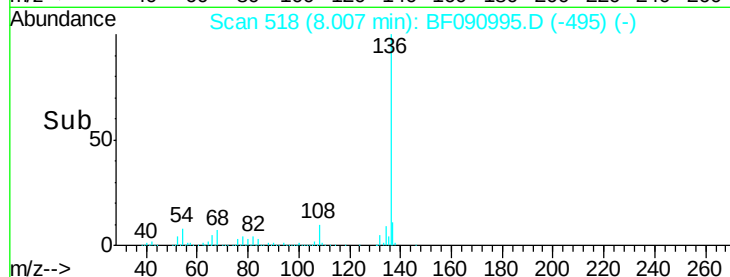


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 58.64 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.03 min

Lab File: BF090995.D

Acq: 2 Nov 2016 22:18

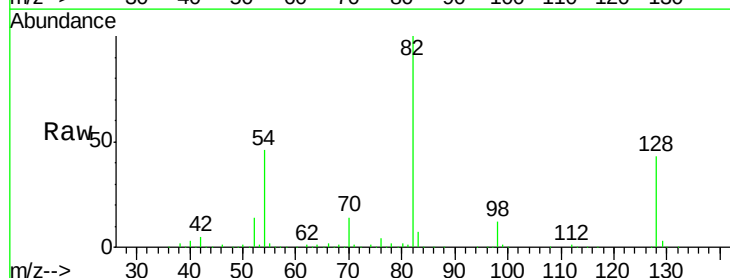
Tgt Ion: 82 Resp: 645331

Ion Ratio Lower Upper

82 100

128 43.0 51.0 76.6#

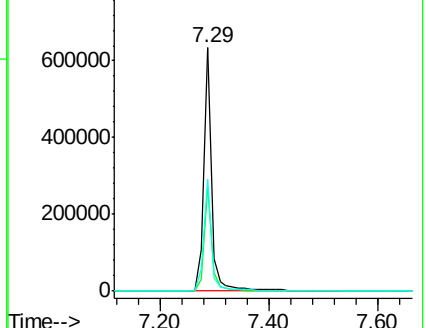
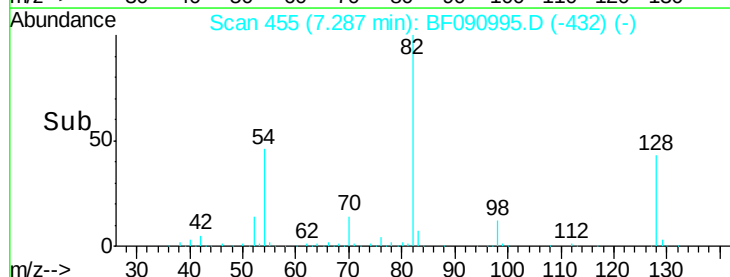
54 45.8 47.5 71.3#

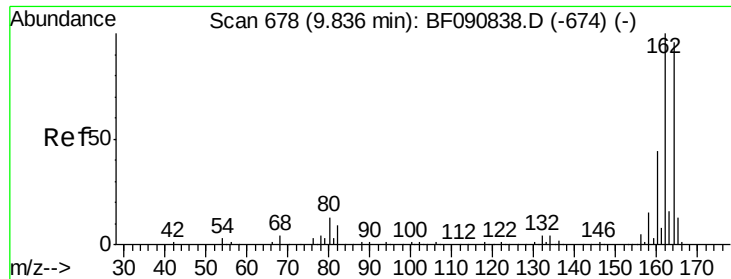


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

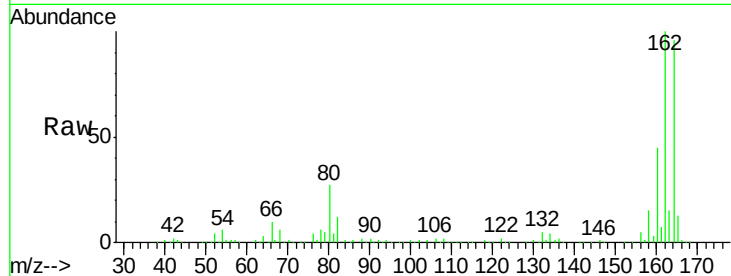




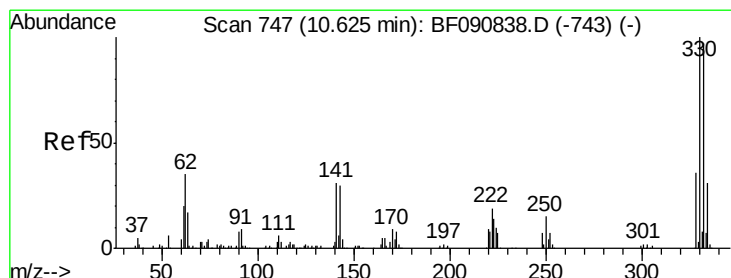
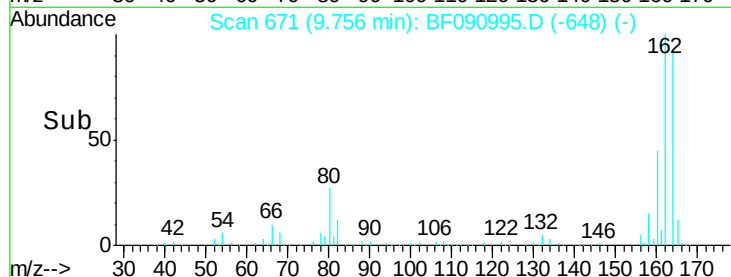
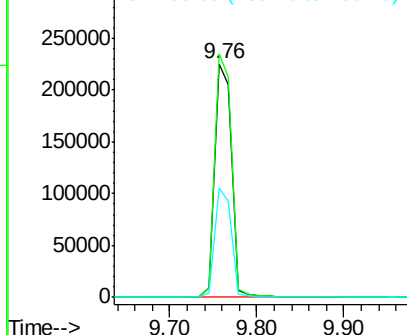
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.03 min
 Lab File: BF090995.D
 Acq: 2 Nov 2016 22:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-2)

Tgt Ion:164 Resp: 313304
 Ion Ratio Lower Upper
 164 100
 162 104.1 75.2 112.8
 160 46.5 31.5 47.3

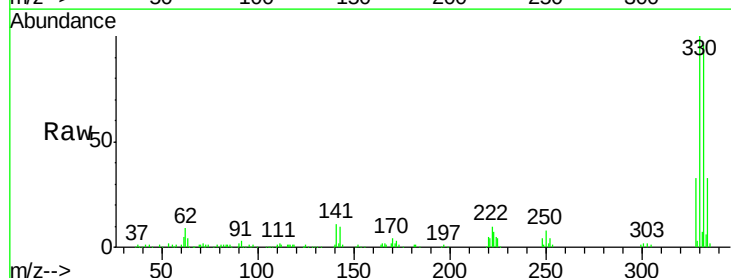


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

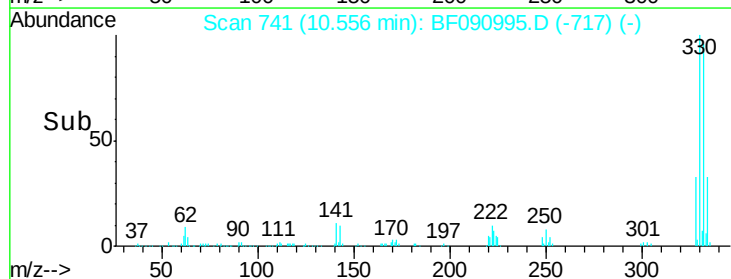
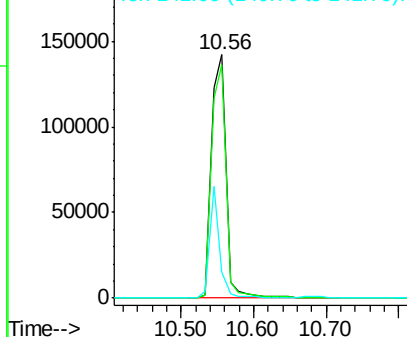


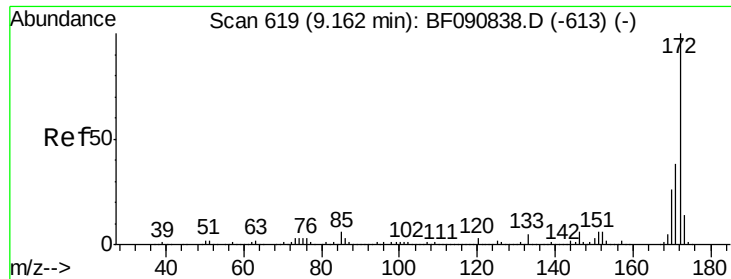
#41
 2,4,6-Tribromophenol
 Concen: 61.77 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.02 min
 Lab File: BF090995.D
 Acq: 2 Nov 2016 22:18

Tgt Ion:330 Resp: 198878
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 114.8
 141 31.6 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

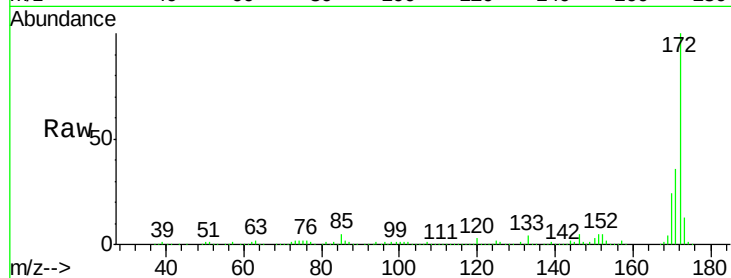




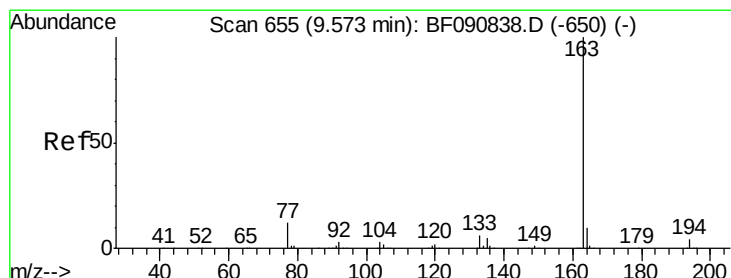
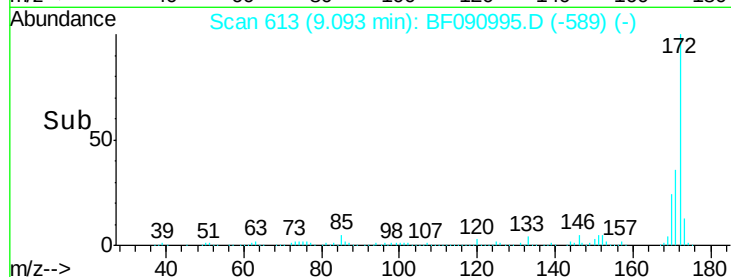
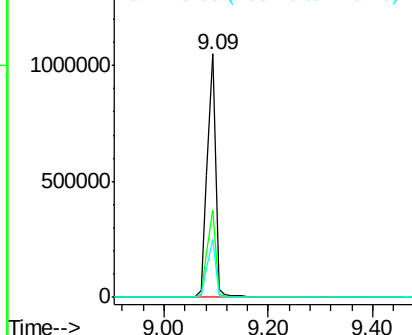
#44
2-Fluorobiphenyl
Concen: 65.16 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.02 min
Lab File: BF090995.D
Acq: 2 Nov 2016 22:18

Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

Tgt Ion:172 Resp: 1162674
Ion Ratio Lower Upper
172 100
171 35.8 26.1 39.1
170 23.9 17.4 26.2

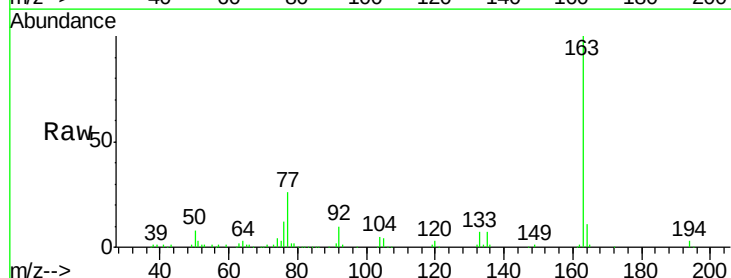


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

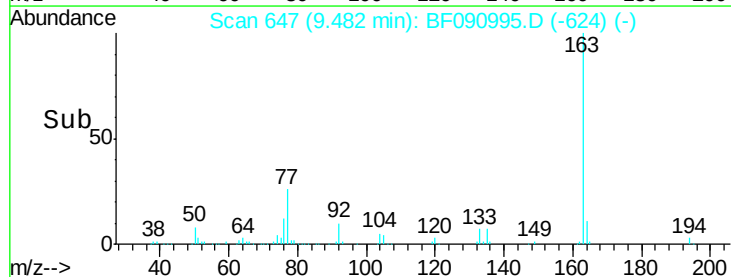
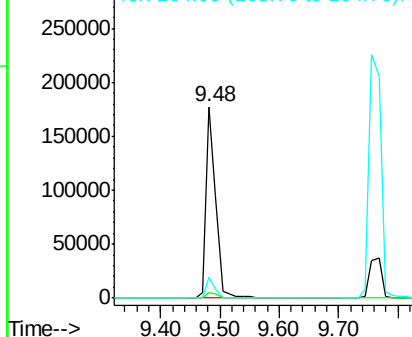


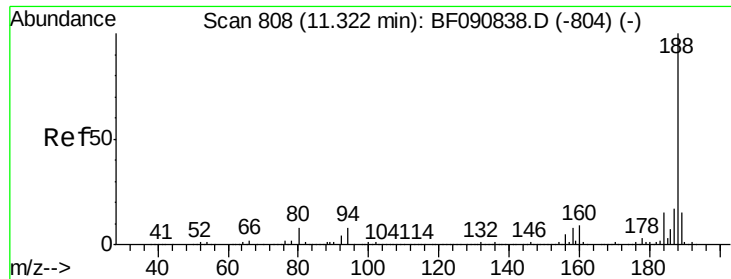
#49
Dimethylphthalate
Concen: 9.77 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.03 min
Lab File: BF090995.D
Acq: 2 Nov 2016 22:18

Tgt Ion:163 Resp: 204603
Ion Ratio Lower Upper
163 100
194 3.0 4.4 6.6#
164 10.8 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

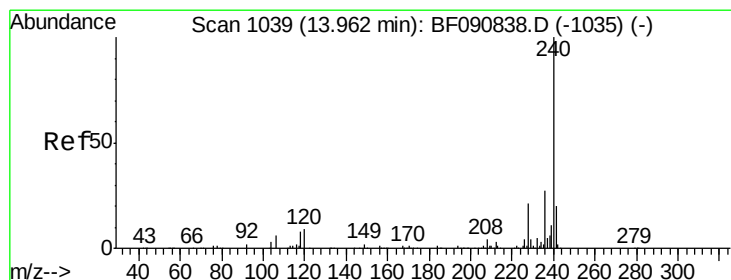
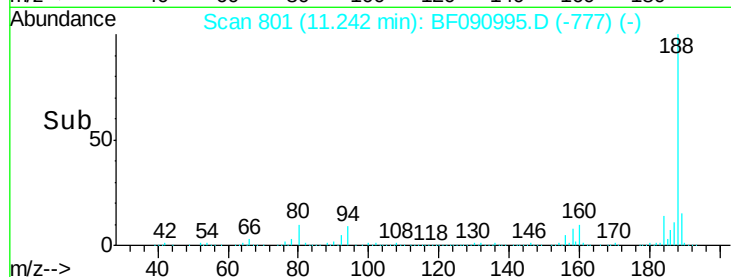
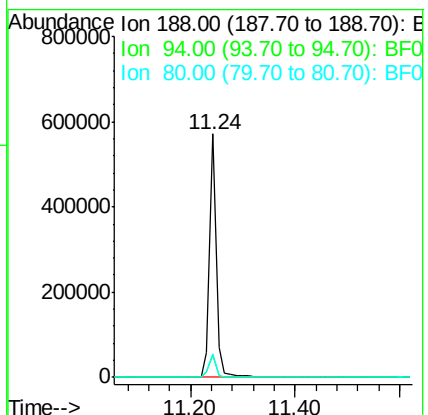
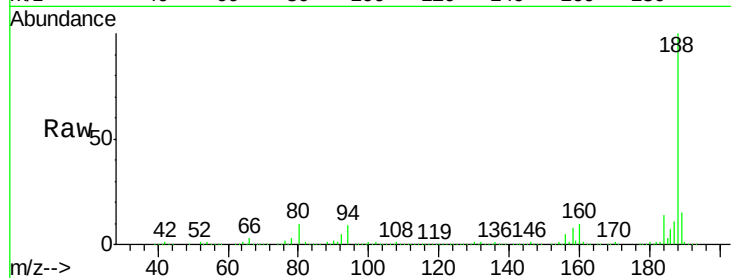




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF090995.D
Acq: 2 Nov 2016 22:18

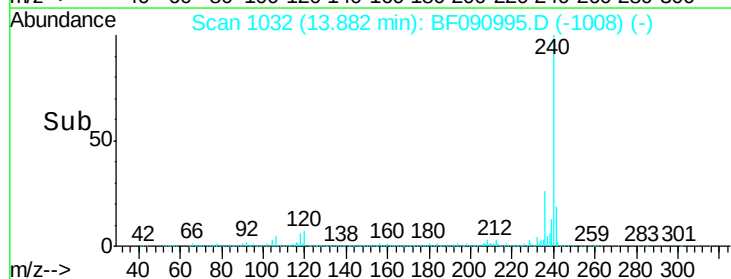
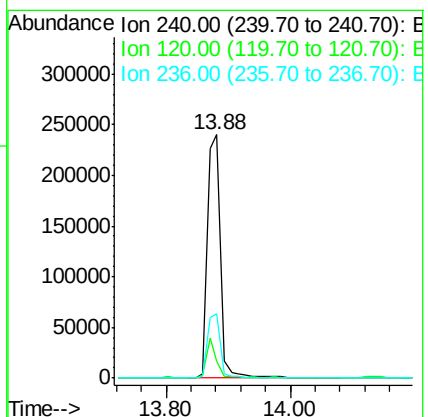
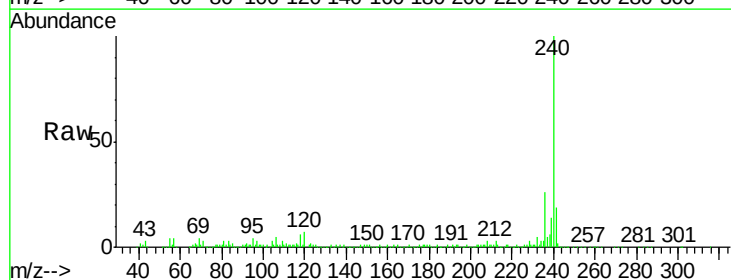
Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

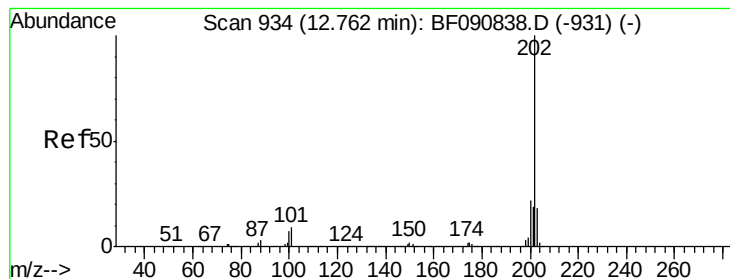
Tgt Ion:188 Resp: 509697
Ion Ratio Lower Upper
188 100
94 9.0 11.1 16.7#
80 9.7 11.0 16.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF090995.D
Acq: 2 Nov 2016 22:18

Tgt Ion:240 Resp: 351947
Ion Ratio Lower Upper
240 100
120 7.0 16.2 24.2#
236 26.3 18.4 27.6





#77

Pyrene

Concen: 2.10 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF090995.D

Acq: 2 Nov 2016 22:18

Instrument :

BNA_F

ClientSampleId :

SB-3(0-2)

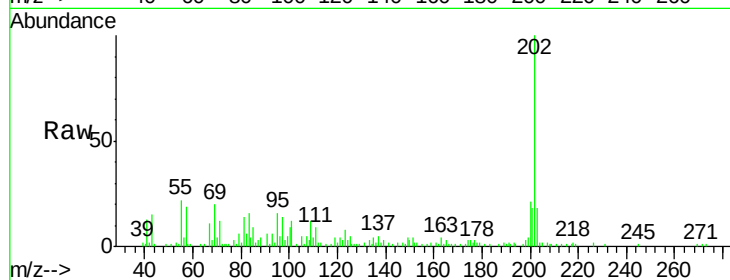
Tgt Ion:202 Resp: 46773

Ion Ratio Lower Upper

202 100

200 20.8 15.0 22.4

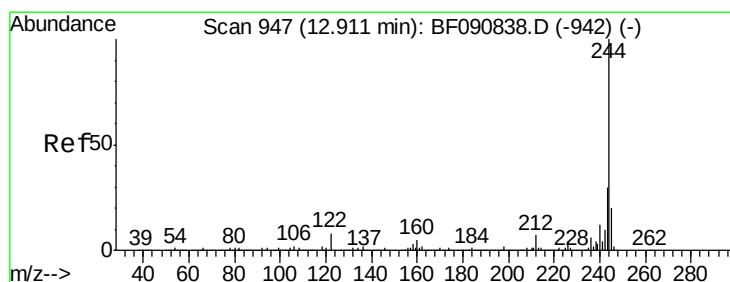
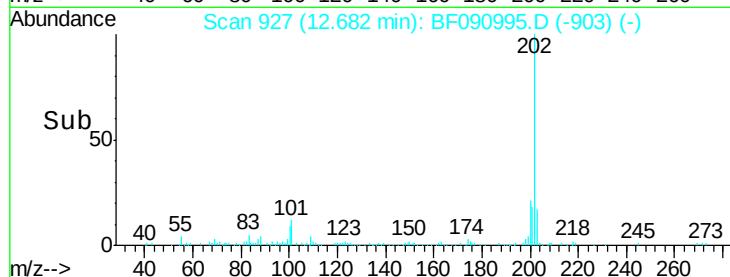
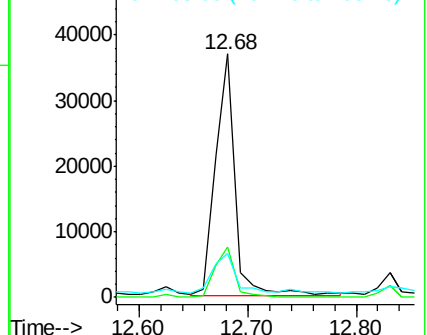
203 18.2 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 66.24 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF090995.D

Acq: 2 Nov 2016 22:18

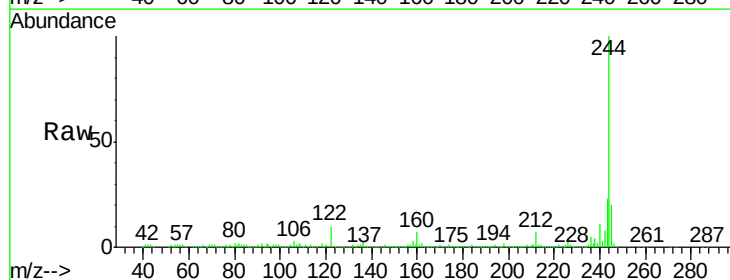
Tgt Ion:244 Resp: 925411

Ion Ratio Lower Upper

244 100

212 7.0 4.3 6.5#

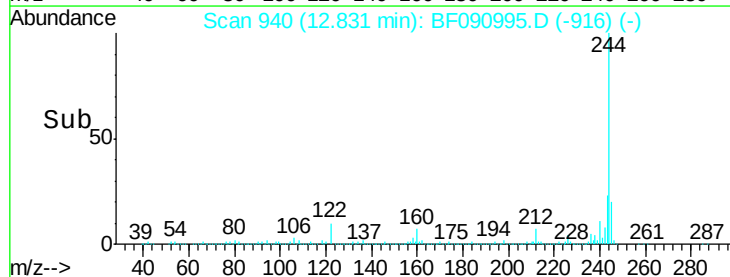
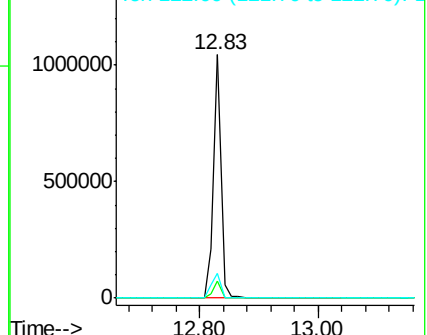
122 10.3 17.4 26.2#

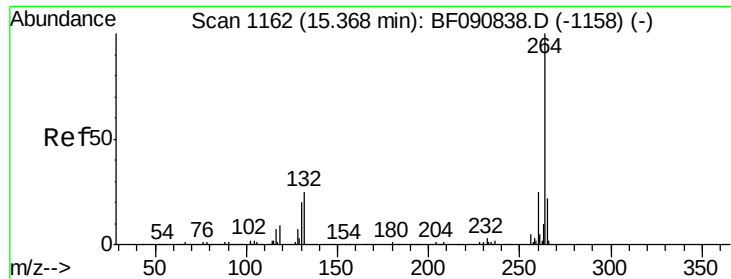


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

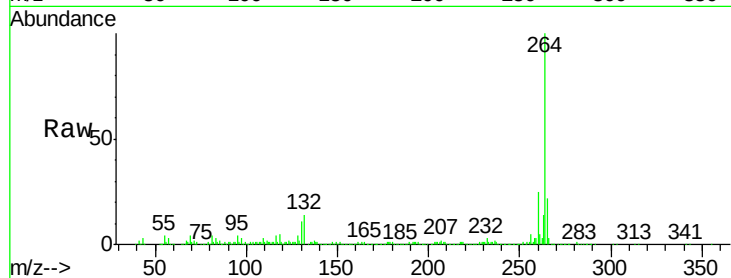




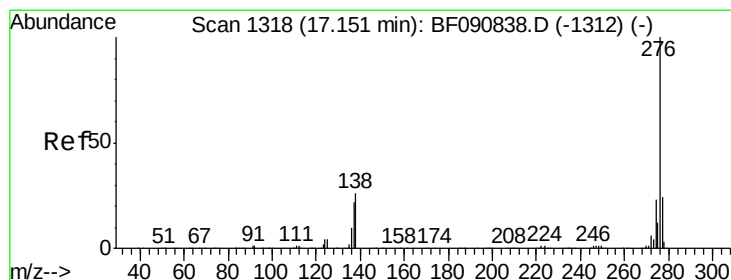
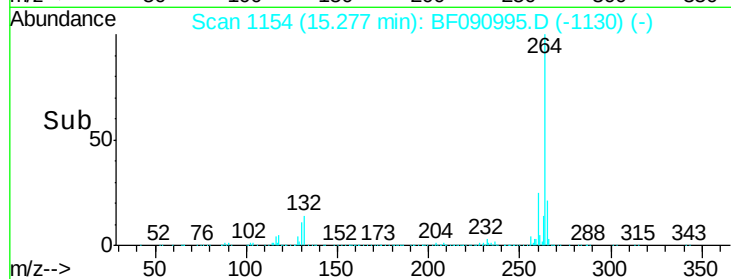
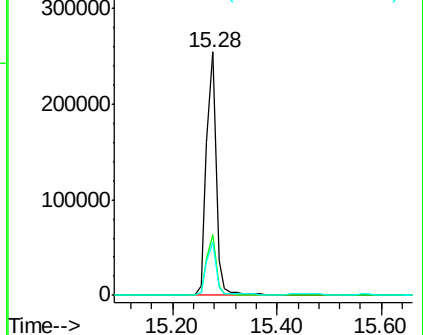
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF090995.D
Acq: 2 Nov 2016 22:18

Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

Tgt Ion:264 Resp: 335203
Ion Ratio Lower Upper
264 100
260 24.7 16.7 25.1
265 21.6 17.2 25.8

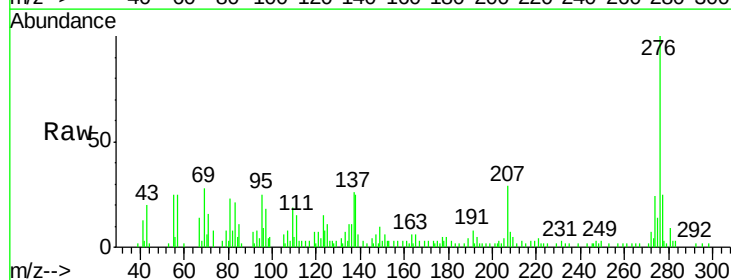


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#91
Benzo(g,h,i)perylene
Concen: 2.55 ng
RT: 16.99 min Scan# 1304
Delta R.T. -0.05 min
Lab File: BF090995.D
Acq: 2 Nov 2016 22:18

Tgt Ion:276 Resp: 39318
Ion Ratio Lower Upper
276 100
277 24.6 17.8 26.6
138 25.0 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

