

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
 Data File : BF090890.D
 Acq On : 28 Oct 2016 2:03
 Operator : UM/SJ
 Sample : H5423-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7COMP(0-16FEET)

Quant Time: Oct 28 05:13:43 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

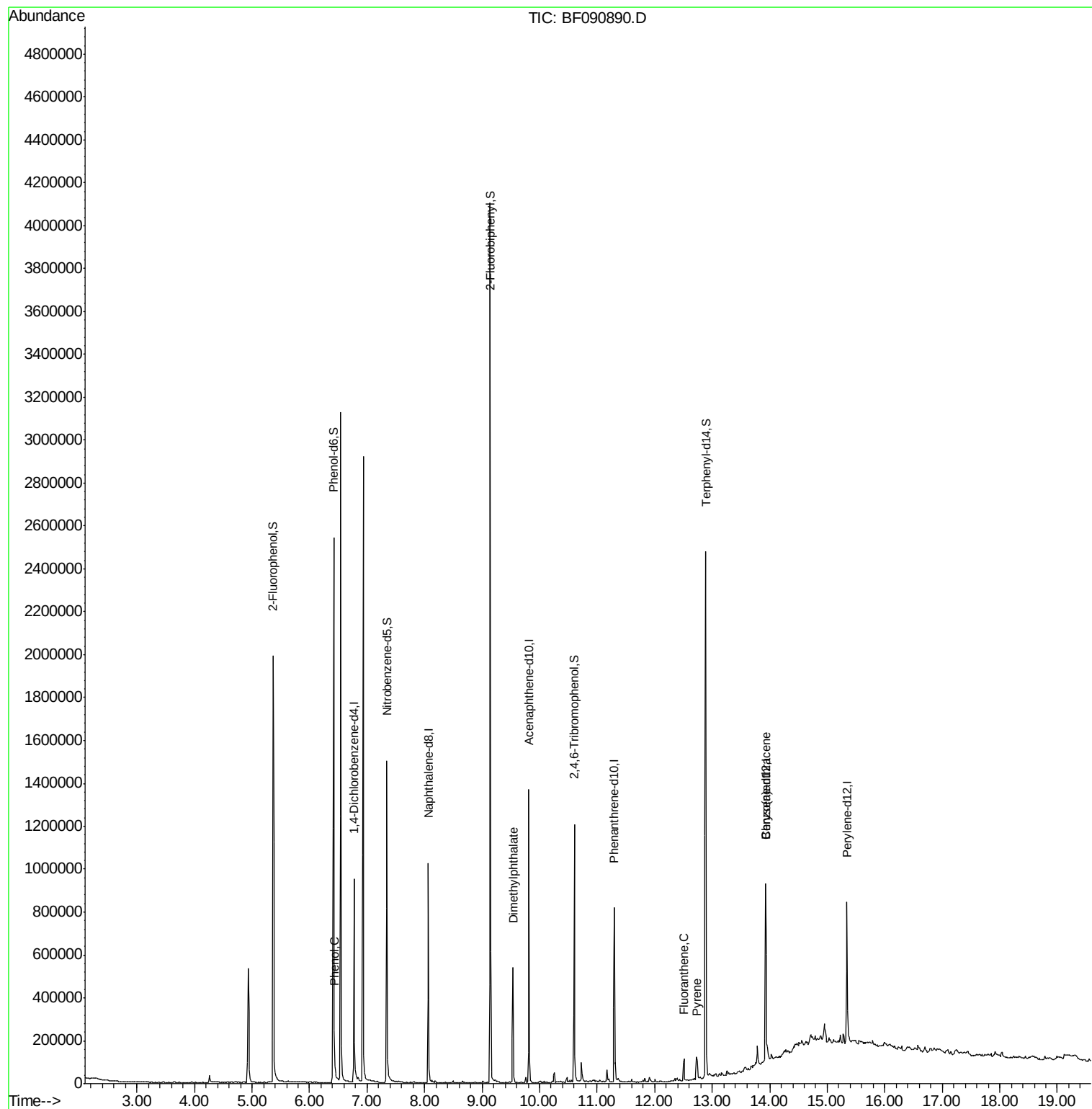
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	153229	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	568246	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	273116	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	359242	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	332201	20.00	ng	-0.02
86) Perylene-d12	15.35	264	312219	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	799773	91.26	ng	0.00
7) Phenol-d6	6.42	99	1161539	98.24	ng	0.00
23) Nitrobenzene-d5	7.34	82	681156	78.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	160452	57.17	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1233582	79.31	ng	-0.01
78) Terphenyl-d14	12.89	244	922527	69.96	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.43	94	31910	2.45	ng	79
49) Dimethylphthalate	9.54	163	261928	14.35	ng	# 97
74) Fluoranthene	12.51	202	59971	2.99	ng	88
77) Pyrene	12.74	202	59378	2.82	ng	98
80) Benzo(a)anthracene	13.93	228	38106	2.16	ng	# 87

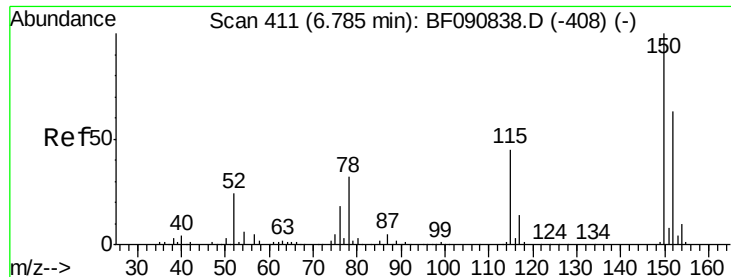
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090890.D

Acq: 28 Oct 2016 2:03

Instrument :

BNA_F

ClientSampleId :

SB-7COMP(0-16FEET)

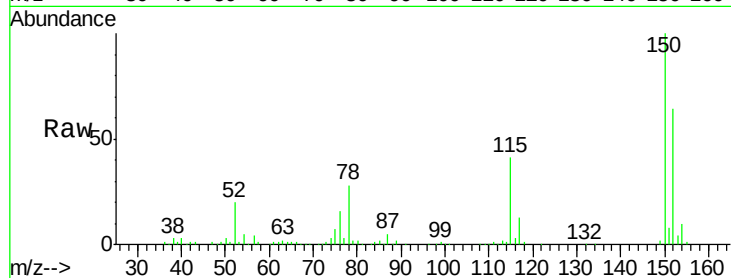
Tot Ion:152 Resp: 153229

Ion Ratio Lower Upper

152 100

150 157.2 124.7 187.1

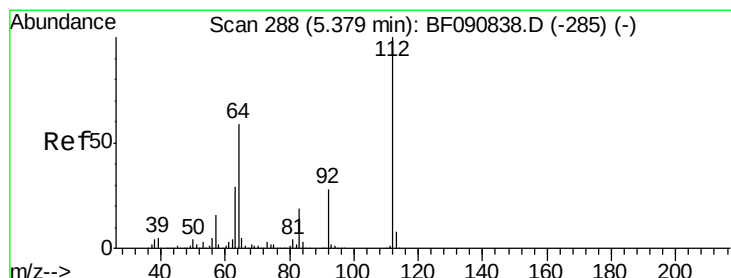
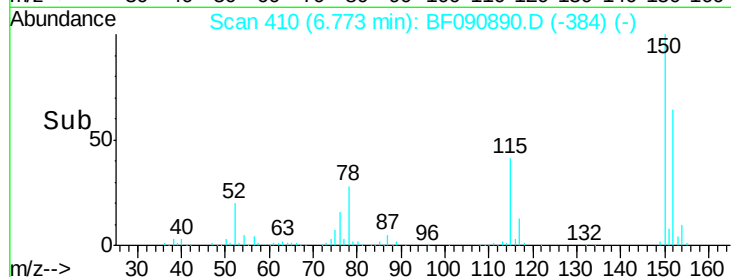
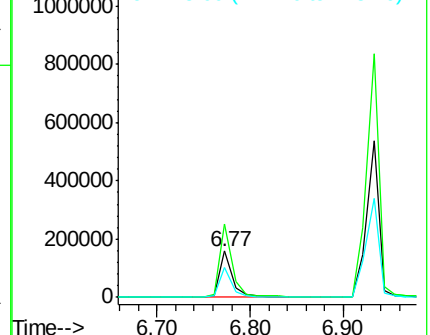
115 64.7 39.0 58.4#



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: 91.26 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.00 min

Lab File: BF090890.D

Acq: 28 Oct 2016 2:03

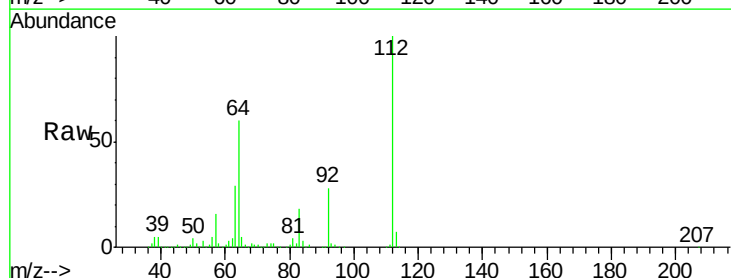
Tgt Ion:112 Resp: 799773

Ion Ratio Lower Upper

112 100

64 59.7 39.7 59.5#

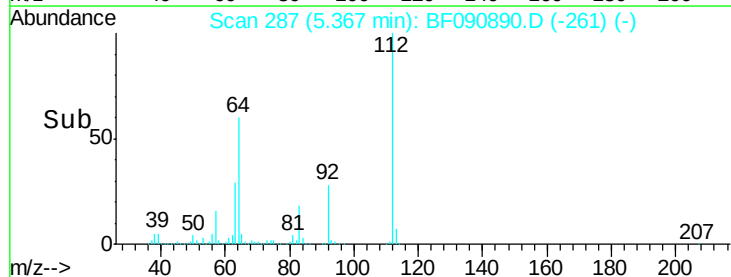
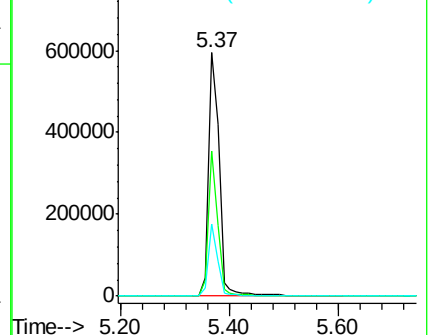
63 29.4 17.4 26.0#

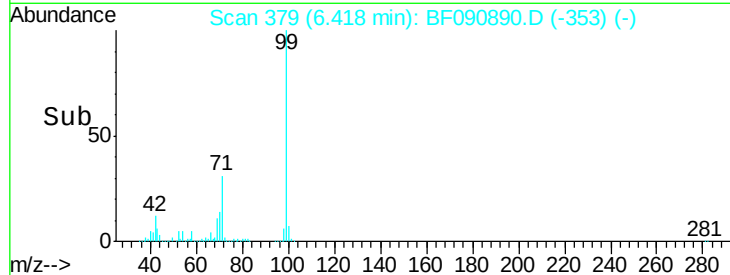
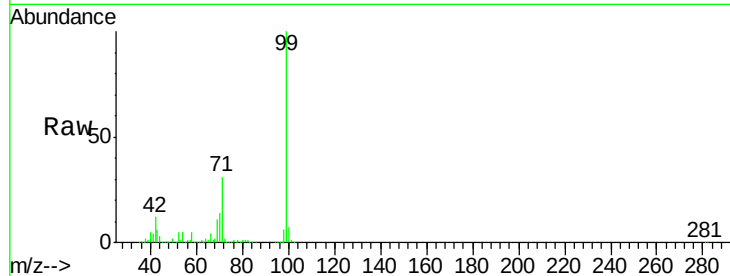
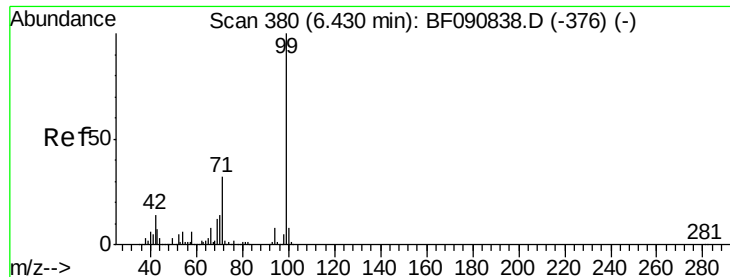


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 98.24 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF090890.D

Acq: 28 Oct 2016 2:03

Instrument :

BNA_F

ClientSampleId :

SB-7COMP(0-16FEET)

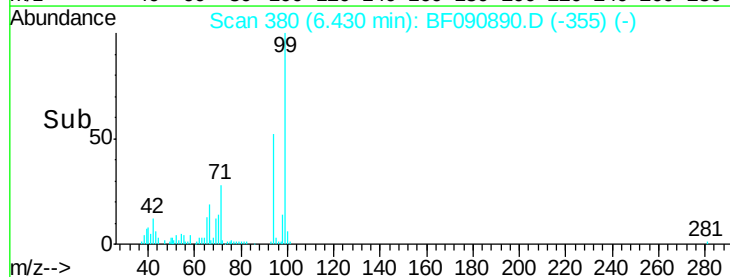
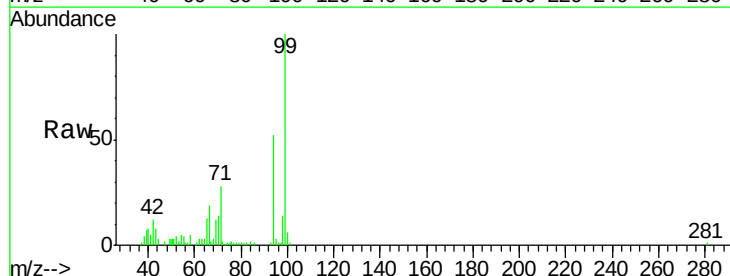
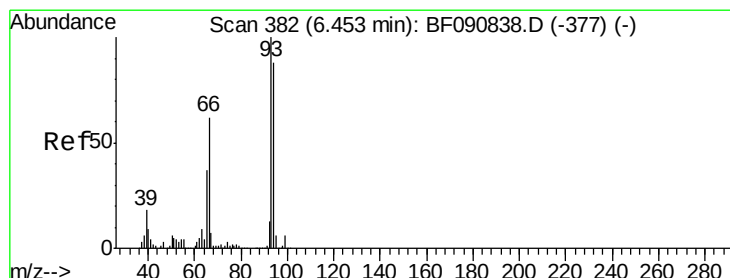
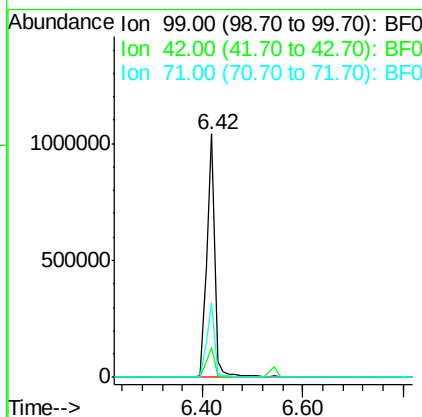
Tot Ion: 99 Resp: 1161539

Ion Ratio Lower Upper

99 100

42 12.5 13.7 20.5#

71 30.6 14.2 21.2#



#10

Phenol

Concen: 2.45 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF090890.D

Acq: 28 Oct 2016 2:03

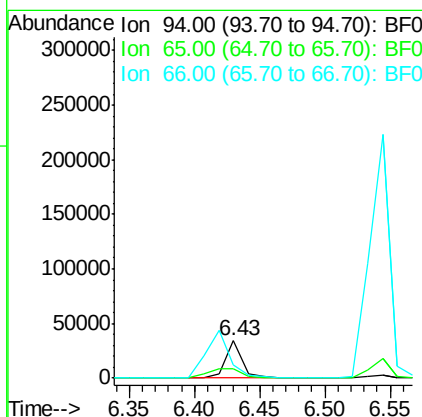
Tgt Ion: 94 Resp: 31910

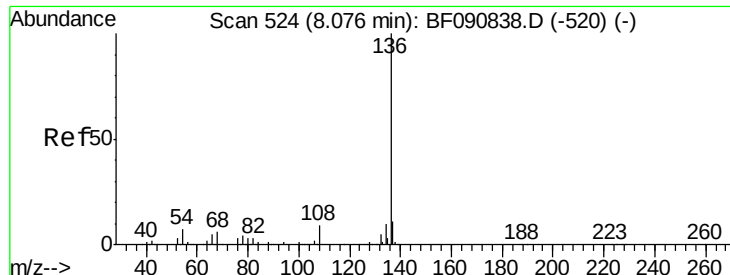
Ion Ratio Lower Upper

94 100

65 24.6 0.7 40.7

66 36.8 0.8 40.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF090890.D

Acq: 28 Oct 2016 2:03

Instrument :

BNA_F

ClientSampleId :

SB-7COMP(0-16FEET)

Tot Ion:136 Resp: 568246

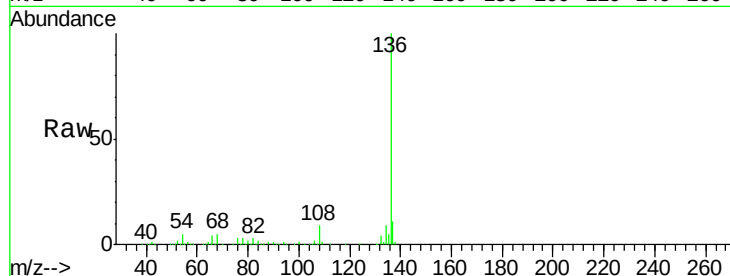
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 4.8 8.2 12.2#

68 4.9 5.8 8.6#

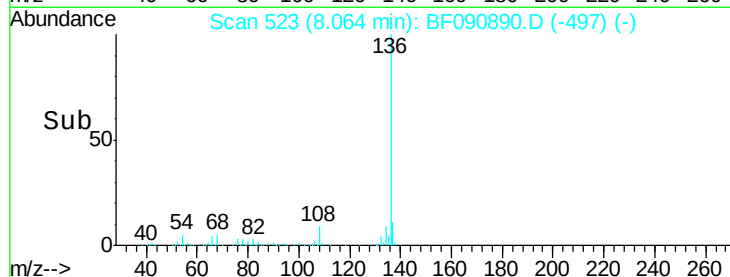


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

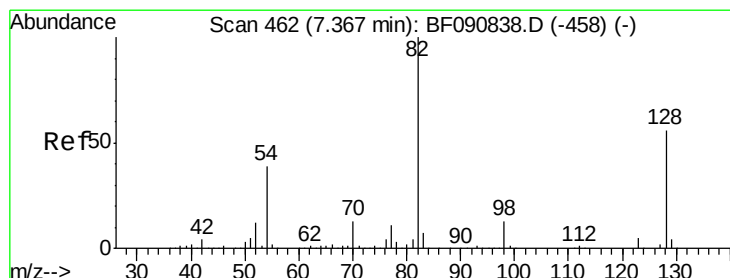
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

8.06



#23

Nitrobenzene-d5

Concen: 78.47 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF090890.D

Acq: 28 Oct 2016 2:03

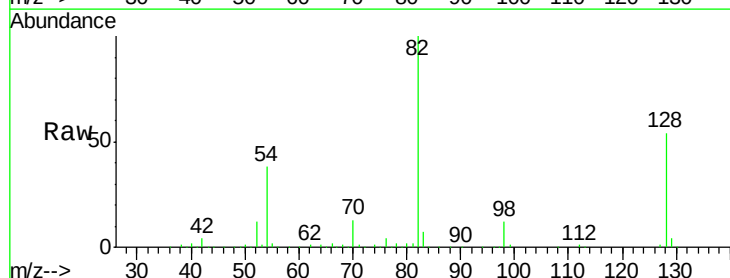
Tgt Ion: 82 Resp: 681156

Ion Ratio Lower Upper

82 100

128 53.6 51.0 76.6

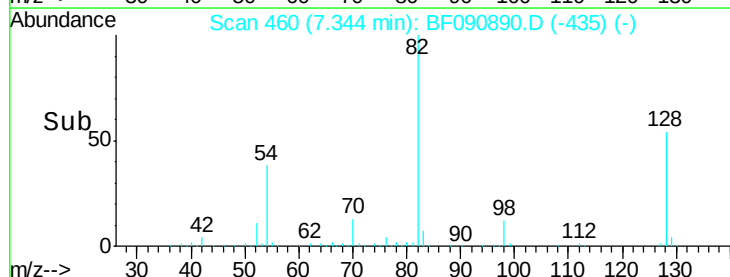
54 38.3 47.5 71.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0

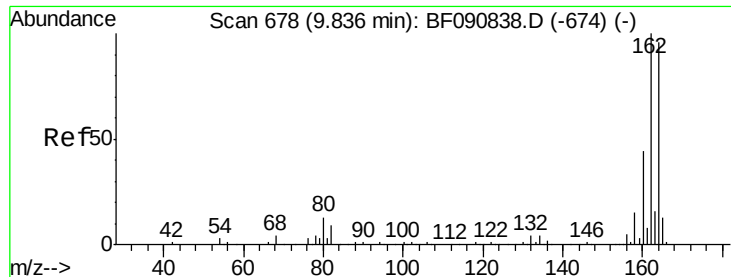
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

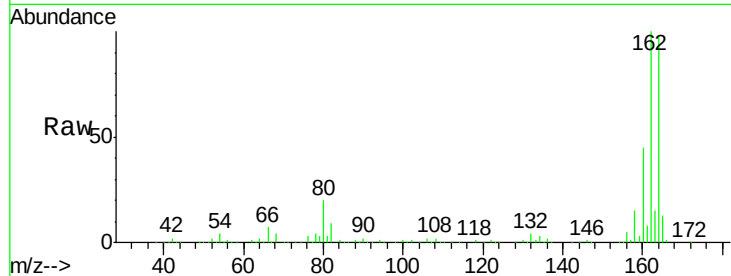
7.34



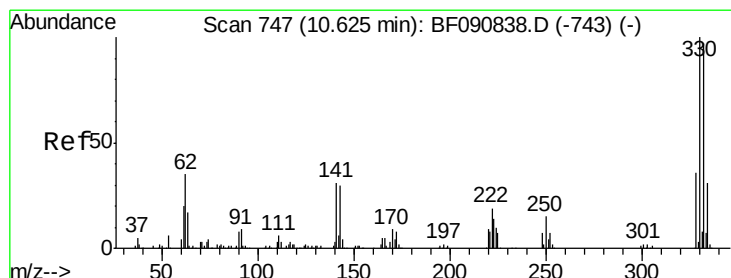
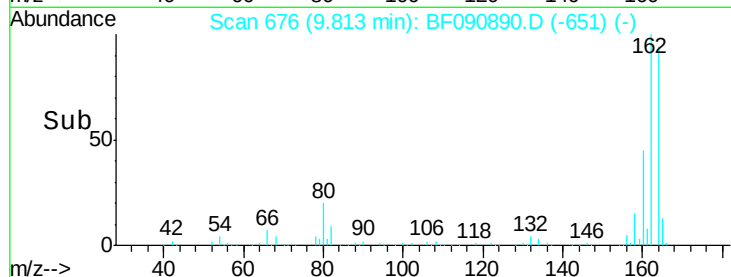
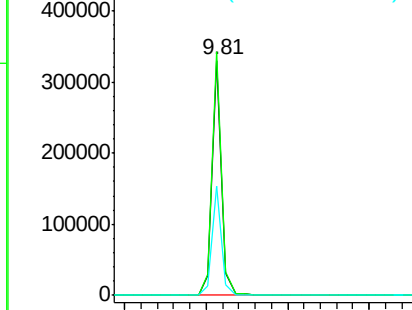
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF090890.D
Acq: 28 Oct 2016 2:03

Instrument :
BNA_F
ClientSampleId :
SB-7COMP(0-16FEET)

Tot Ion:164 Resp: 273116
Ion Ratio Lower Upper
164 100
162 103.6 75.2 112.8
160 46.4 31.5 47.3

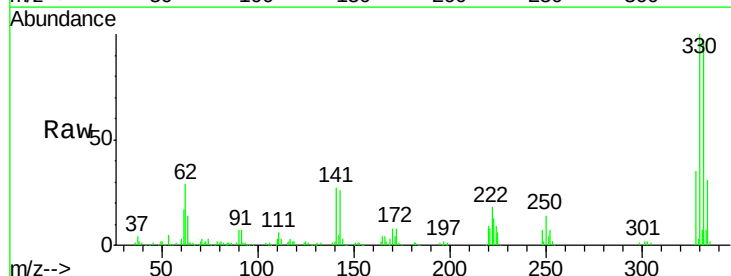


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

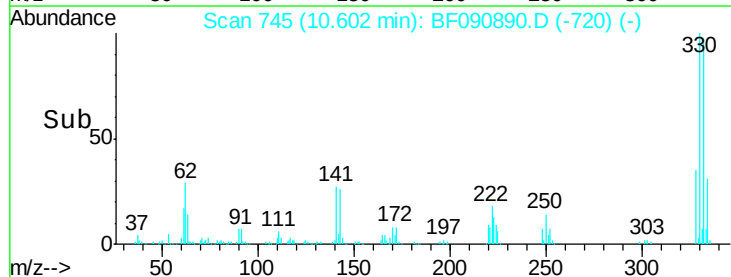
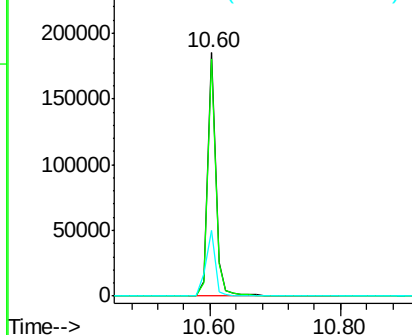


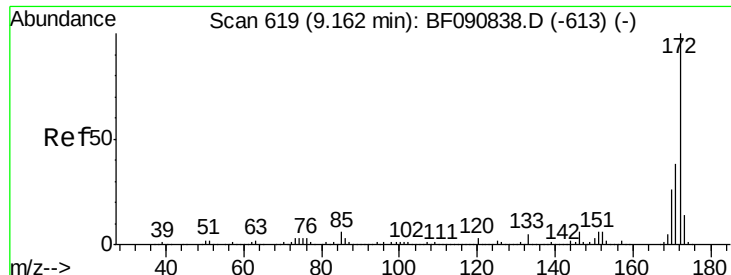
#41
2,4,6-Tribromophenol
Concen: 57.17 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF090890.D
Acq: 28 Oct 2016 2:03

Tgt Ion:330 Resp: 160452
Ion Ratio Lower Upper
330 100
332 97.2 76.6 114.8
141 31.9 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

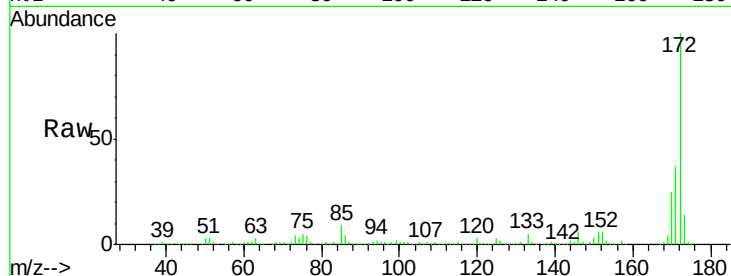




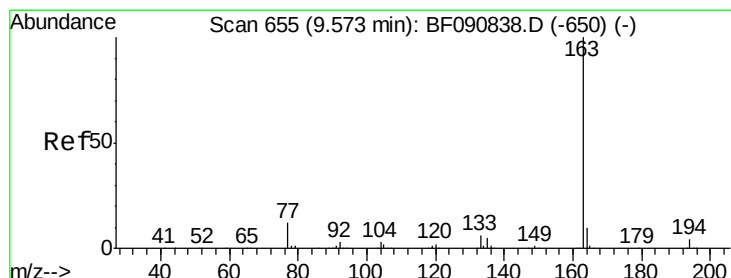
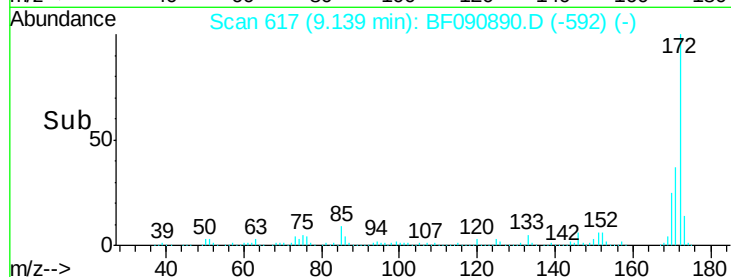
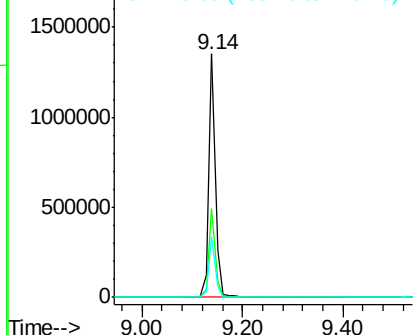
#44
2-Fluorobiphenyl
Concen: 79.31 ng
RT: 9.14 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF090890.D
Acq: 28 Oct 2016 2:03

Instrument :
BNA_F
ClientSampleId :
SB-7COMP(0-16FEET)

Tot Ion:172 Resp: 1233582
Ion Ratio Lower Upper
172 100
171 36.5 26.1 39.1
170 24.7 17.4 26.2

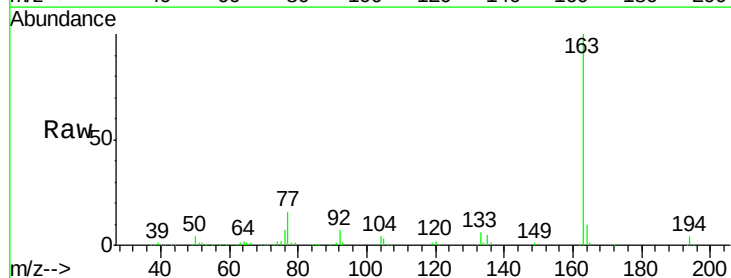


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

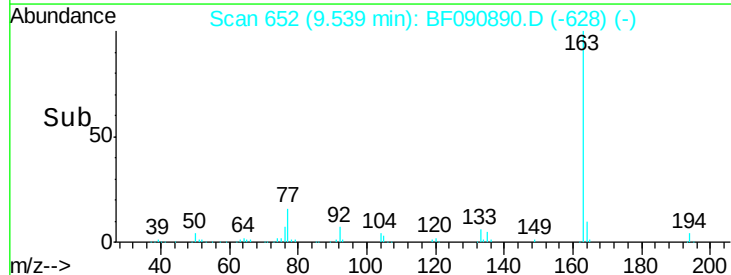
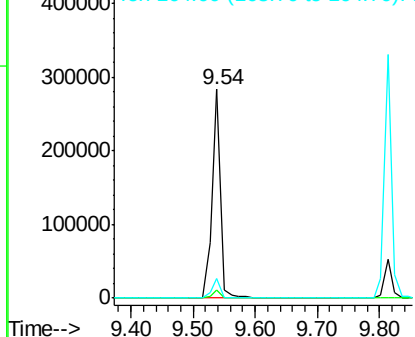


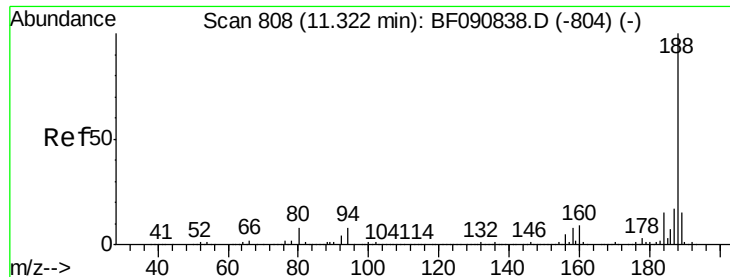
#49
Dimethylphthalate
Concen: 14.35 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF090890.D
Acq: 28 Oct 2016 2:03

Tgt Ion:163 Resp: 261928
Ion Ratio Lower Upper
163 100
194 3.6 4.4 6.6#
164 9.5 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

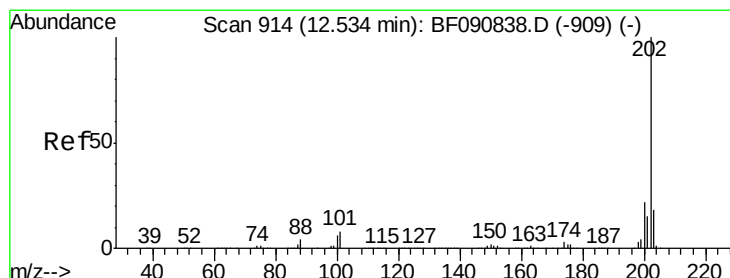
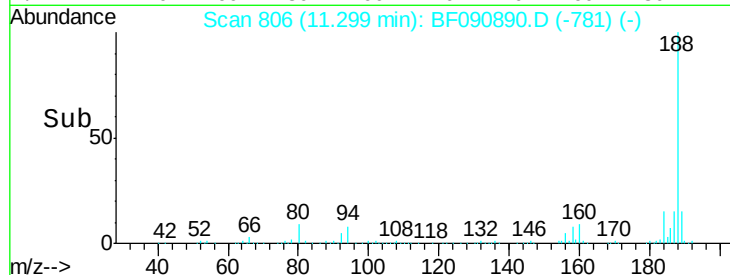
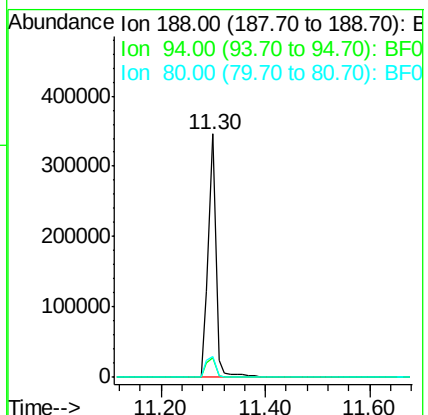
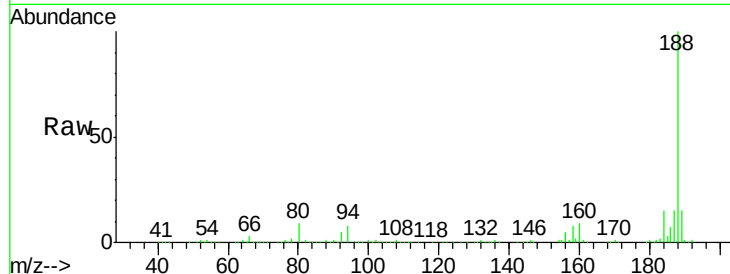




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF090890.D
Acq: 28 Oct 2016 2:03

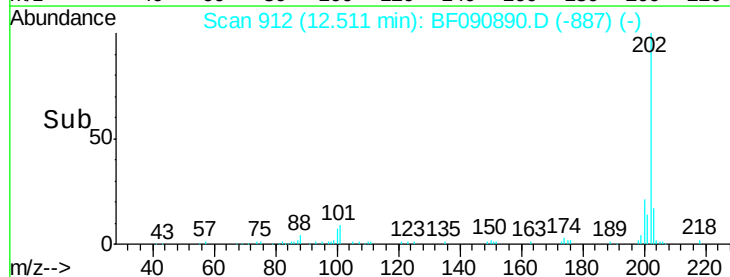
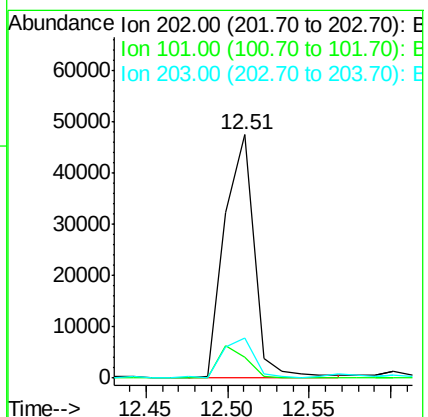
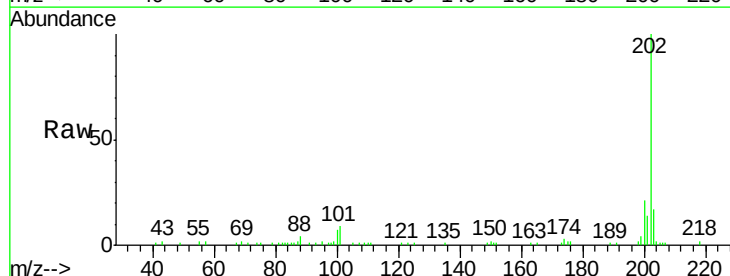
Instrument :
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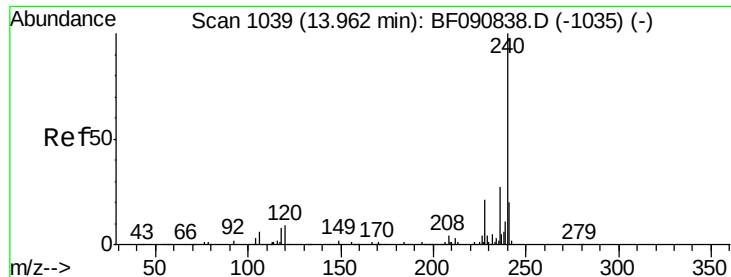
Tot Ion:188 Resp: 359242
Ion Ratio Lower Upper
188 100
94 8.2 11.1 16.7#
80 8.5 11.0 16.4#



#74
Fluoranthene
Concen: 2.99 ng
RT: 12.51 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF090890.D
Acq: 28 Oct 2016 2:03

Tgt Ion:202 Resp: 59971
Ion Ratio Lower Upper
202 100
101 8.6 0.0 38.3
203 16.7 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF090890.D

Acq: 28 Oct 2016 2:03

Instrument :

BNA_F

ClientSampleId :

SB-7COMP(0-16FEET)

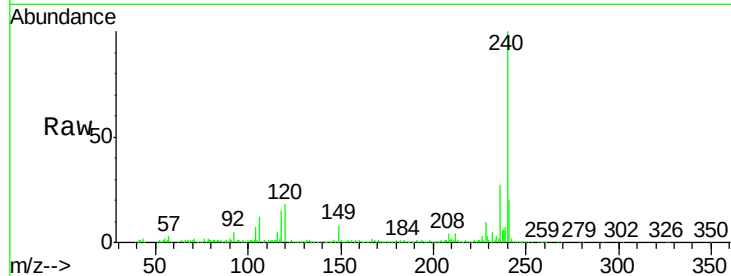
Tot Ion:240 Resp: 332201

Ion Ratio Lower Upper

240 100

120 17.5 16.2 24.2

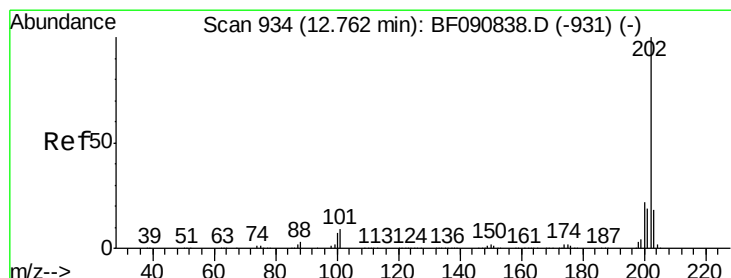
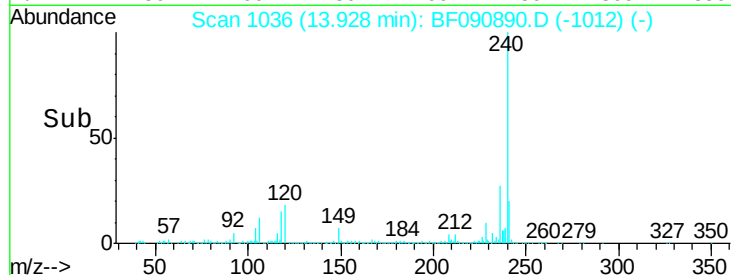
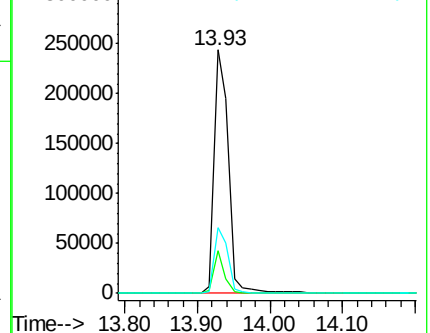
236 27.0 18.4 27.6



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



#77

Pyrene

Concen: 2.82 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF090890.D

Acq: 28 Oct 2016 2:03

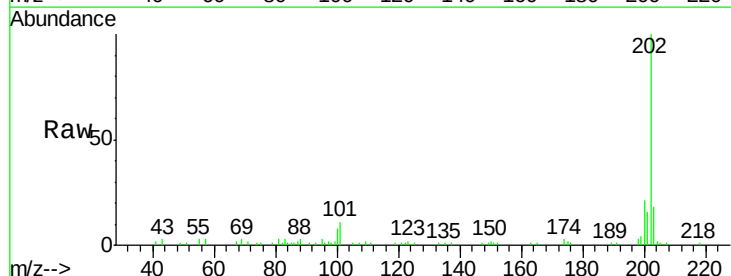
Tgt Ion:202 Resp: 59378

Ion Ratio Lower Upper

202 100

200 20.7 15.0 22.4

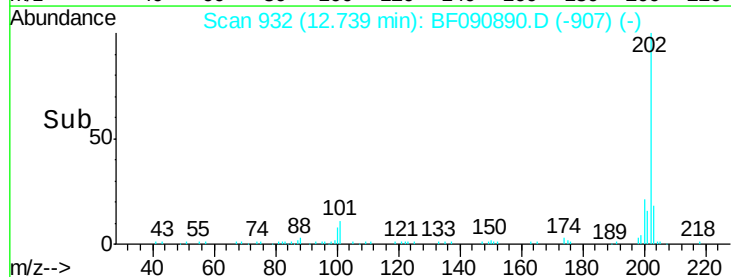
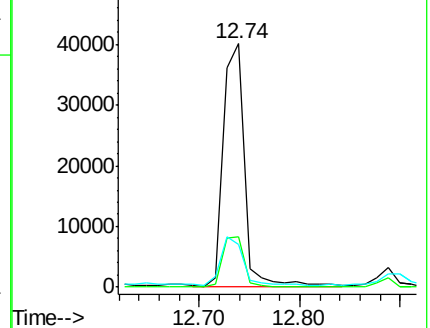
203 17.8 14.1 21.1

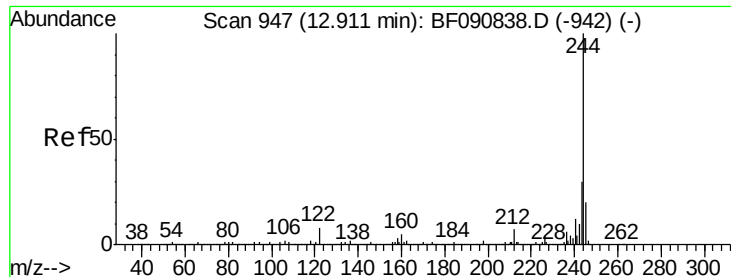


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 69.96 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF090890.D

Acq: 28 Oct 2016 2:03

Instrument :

BNA_F

ClientSampleId :

SB-7COMP(0-16FEET)

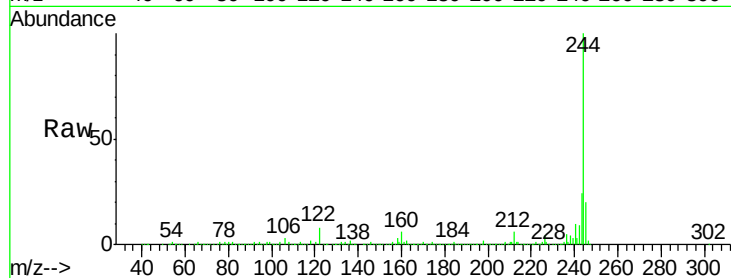
Tot Ion:244 Resp: 922527

Ion Ratio Lower Upper

244 100

212 6.3 4.3 6.5

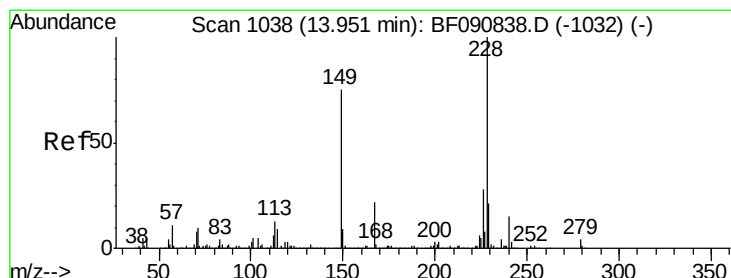
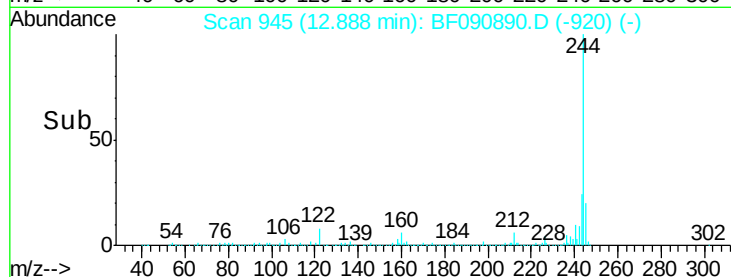
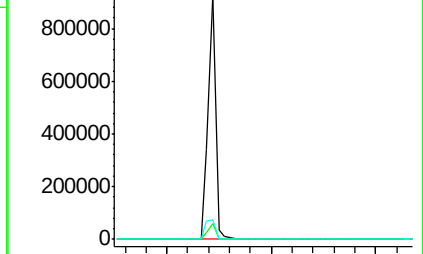
122 8.3 17.4 26.2#



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



#80

Benzo(a)anthracene

Concen: 2.16 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF090890.D

Acq: 28 Oct 2016 2:03

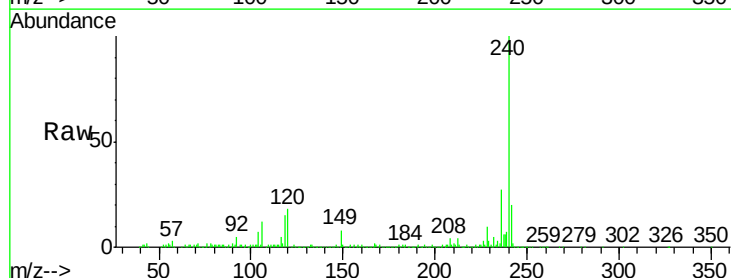
Tgt Ion:228 Resp: 38106

Ion Ratio Lower Upper

228 100

226 31.2 20.0 30.0#

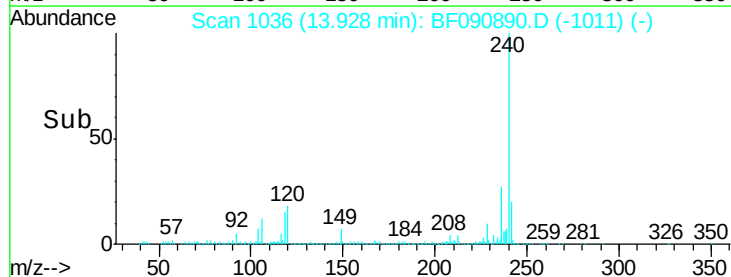
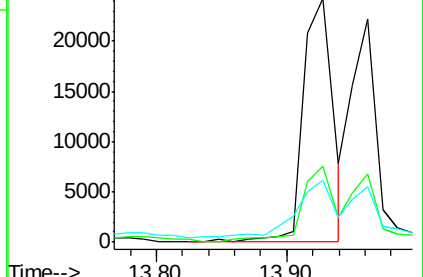
229 25.5 15.4 23.2#

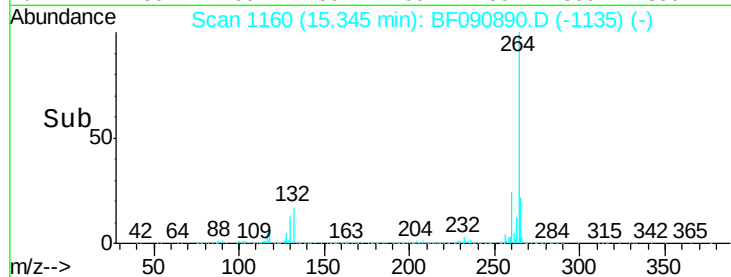
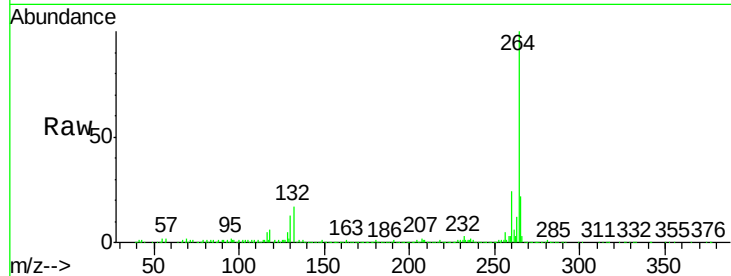
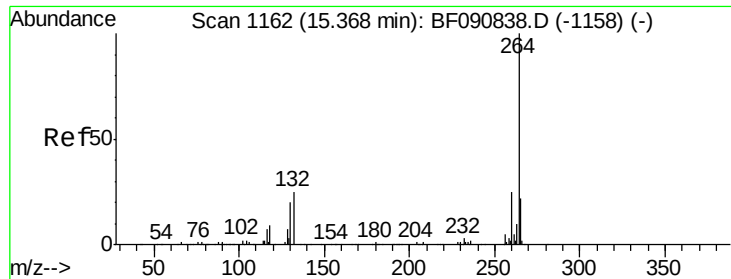


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF090890.D
Acq: 28 Oct 2016 2:03

Instrument :
BNA_F
ClientSampleId :
SB-7COMP(0-16FEET)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	16.7	25.1
265	21.8	17.2	25.8

