

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
 Data File : BF092128.D
 Acq On : 6 Jan 2017 20:27
 Operator : UM/SJ
 Sample : I1045-02 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P3-SP2

Quant Time: Jan 07 02:24:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

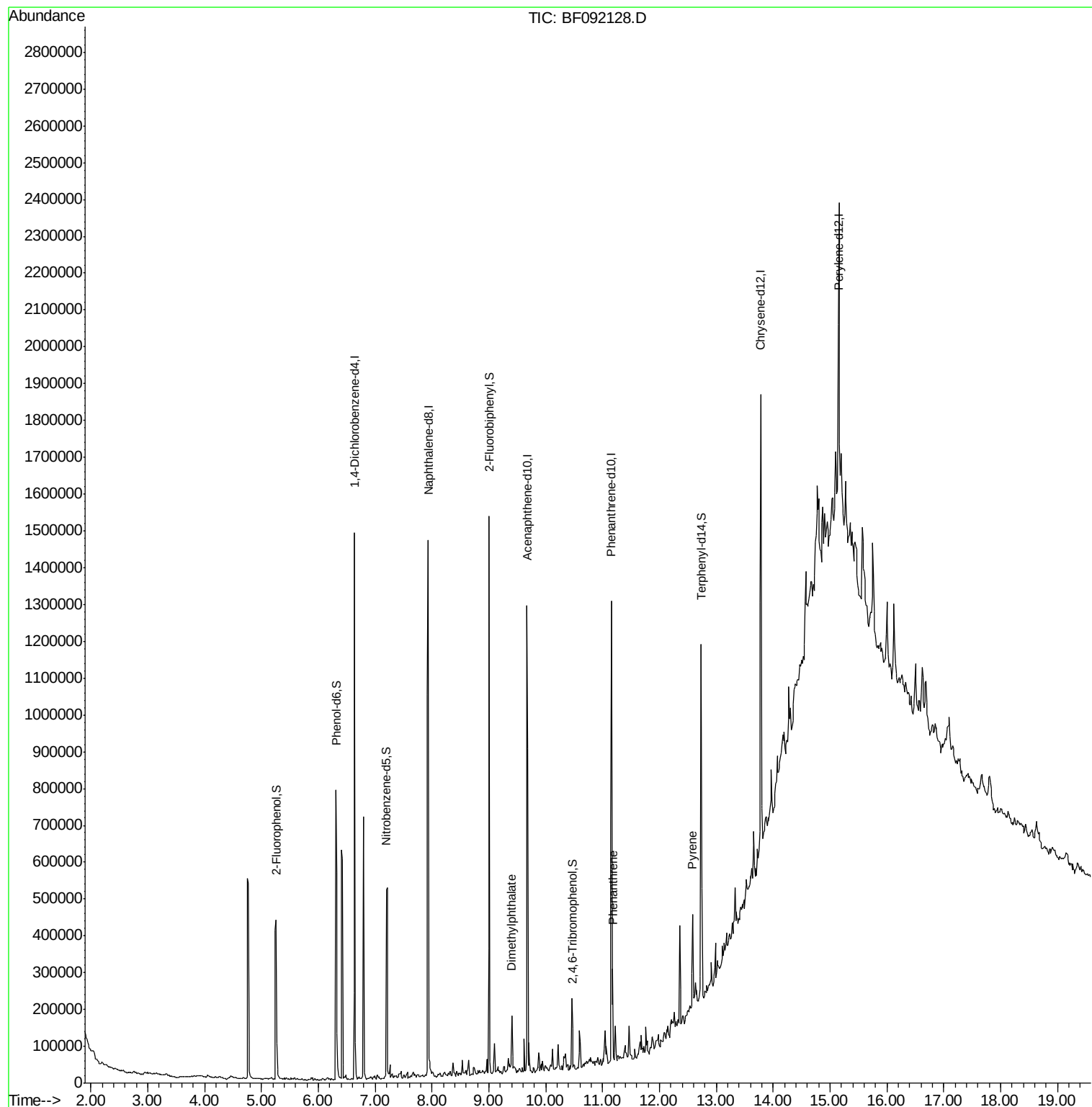
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	211179	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	871824	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	350372	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	533482	20.00	ng	0.00
75) Chrysene-d12	13.79	240	485253	20.00	ng	0.00
86) Perylene-d12	15.16	264	408184	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	204836	16.20	ng	0.02
7) Phenol-d6	6.31	99	373156	24.17	ng	0.00
23) Nitrobenzene-d5	7.20	82	263368	16.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	23401	8.07	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	460577	16.55	ng	0.00
78) Terphenyl-d14	12.73	244	310318	15.51	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.41	163	55226	2.46	ng	100
70) Phenanthrene	11.18	178	111548	3.86	ng	96
77) Pyrene	12.59	202	101369	2.85	ng	98

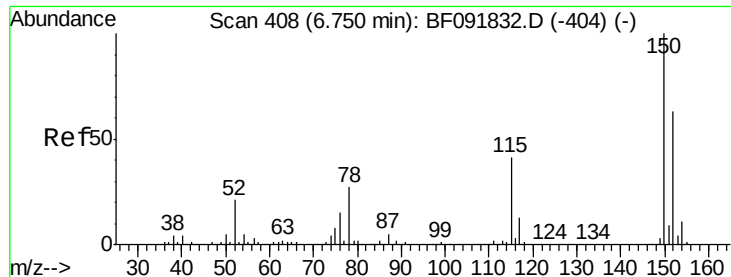
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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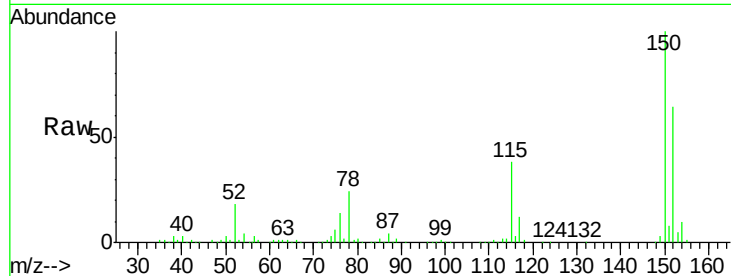


#1

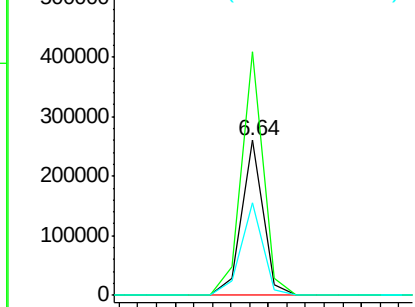
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF092128.D
Acq: 6 Jan 2017 20:27

Instrument :
BNA_F
ClientSampleId :
P3-SP2

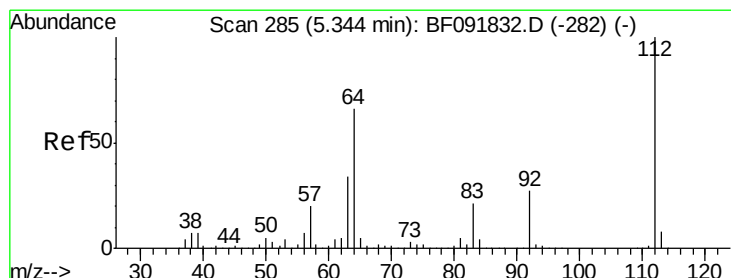
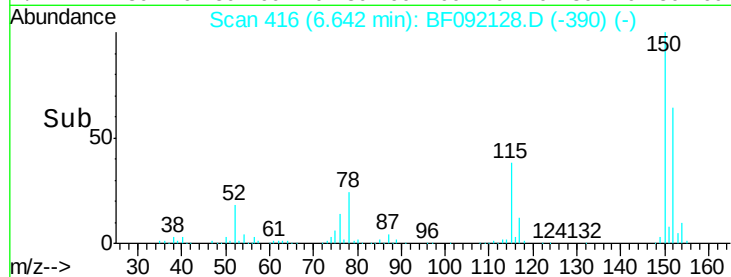
Tot Ion:152 Resp: 211179
Ion Ratio Lower Upper
152 100
150 157.2 124.9 187.3
115 59.8 46.0 69.0



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



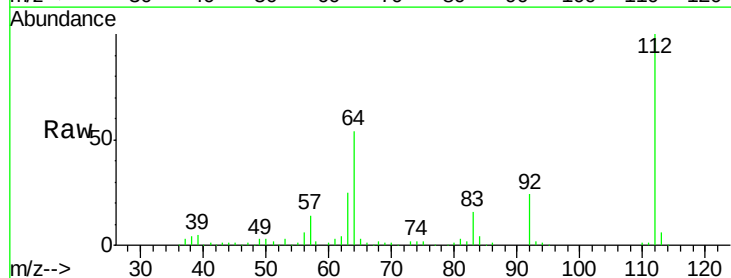
Time-->



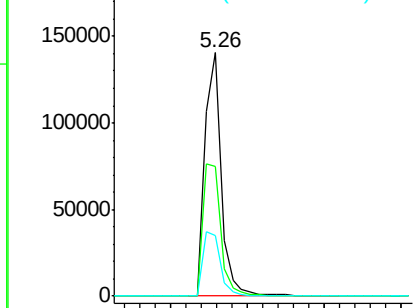
#5

2-Fluorophenol
Concen: 16.20 ng
RT: 5.26 min Scan# 295
Delta R.T. 0.02 min
Lab File: BF092128.D
Acq: 6 Jan 2017 20:27

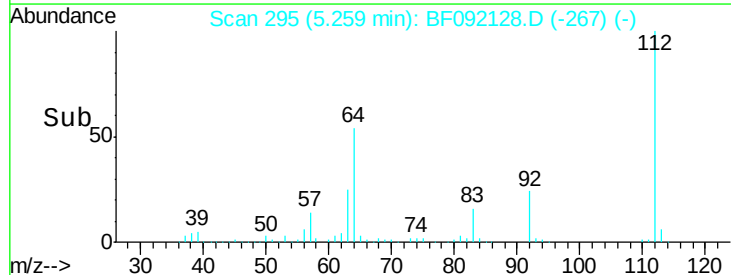
Tgt Ion:112 Resp: 204836
Ion Ratio Lower Upper
112 100
64 53.5 46.1 69.1
63 24.7 23.8 35.6

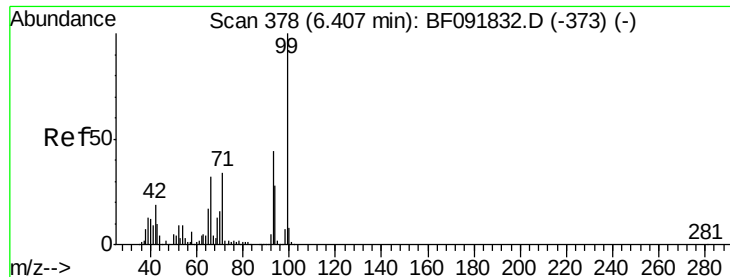


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



Time-->





#7

Phenol-d6

Concen: 24.17 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092128.D

Acq: 6 Jan 2017 20:27

Instrument :

BNA_F

ClientSampleId :

P3-SP2

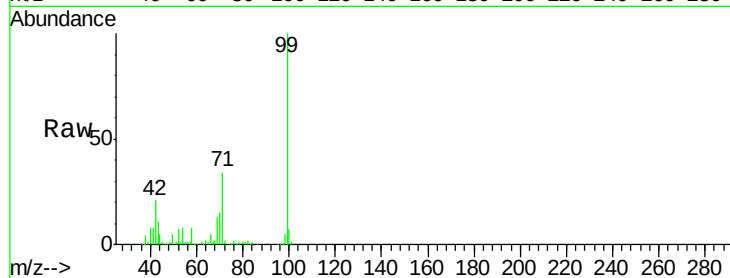
Tot Ion: 99 Resp: 373156

Ion Ratio Lower Upper

99 100

42 21.1 15.6 23.4

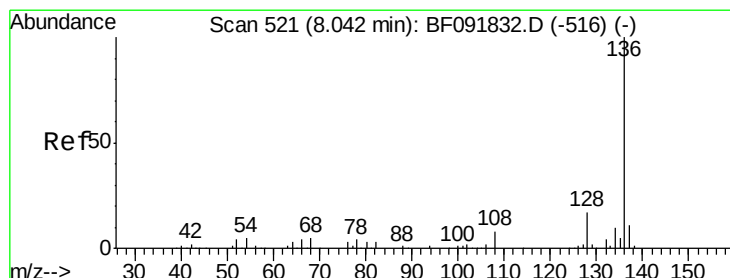
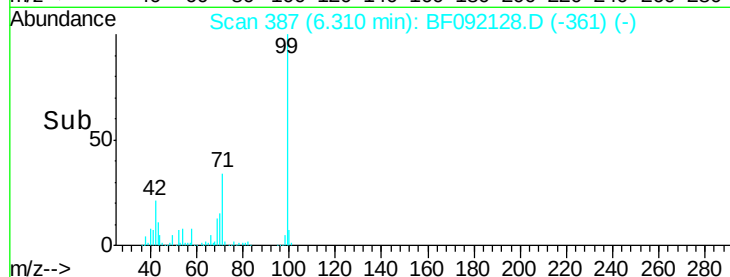
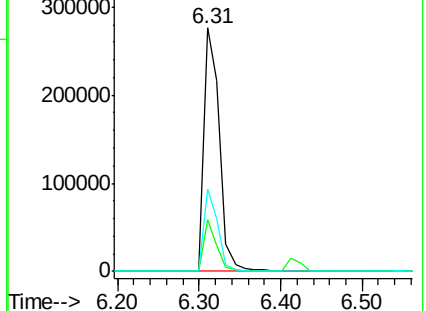
71 33.8 27.5 41.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF092128.D

Acq: 6 Jan 2017 20:27

Tgt Ion: 136 Resp: 871824

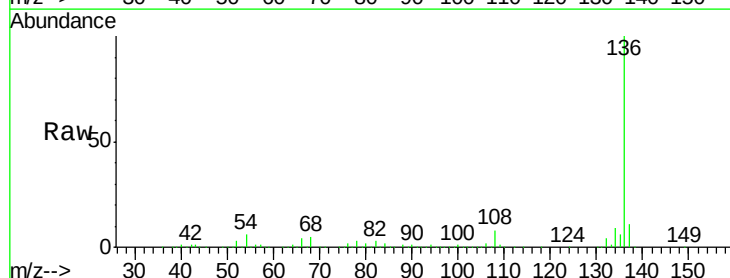
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 5.6 4.5 6.7

68 5.3 3.6 5.4

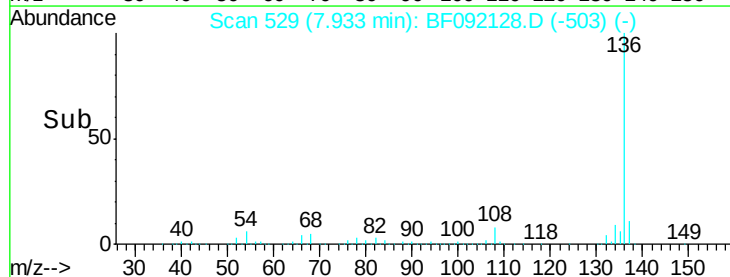
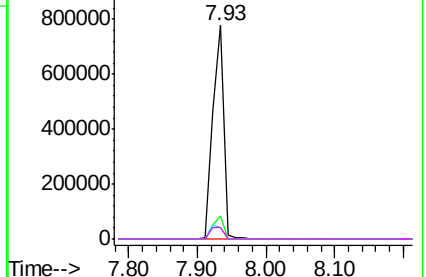


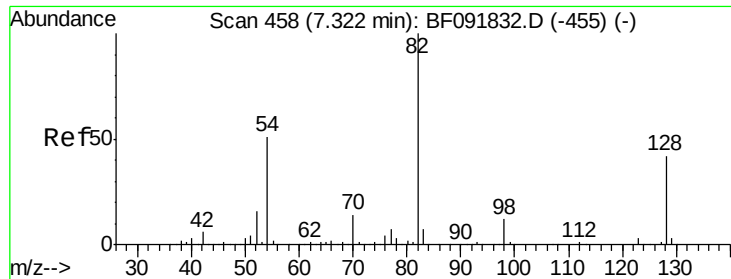
Abundance Ion 136.00 (135.70 to 136.70): E

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

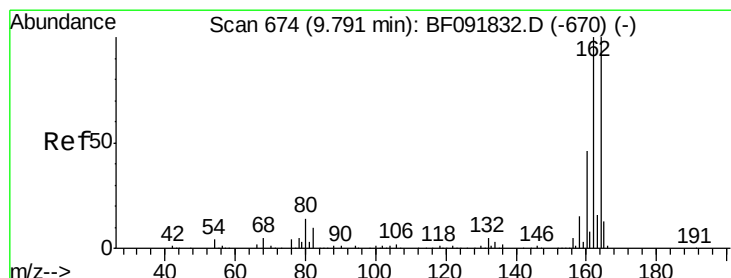
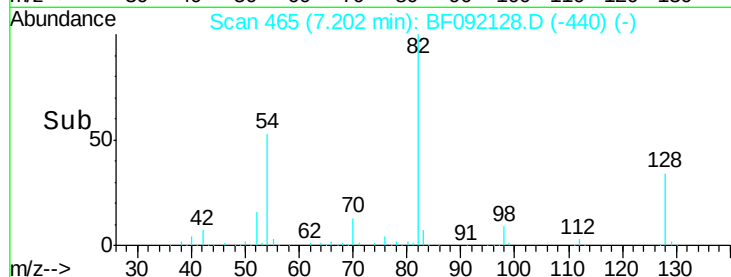
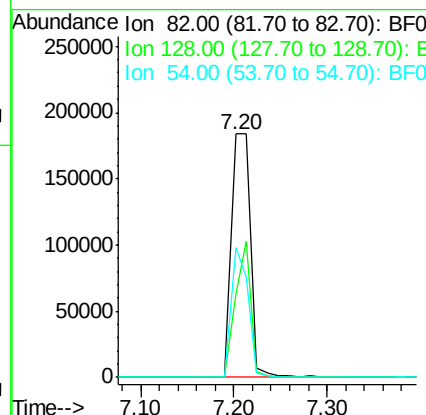
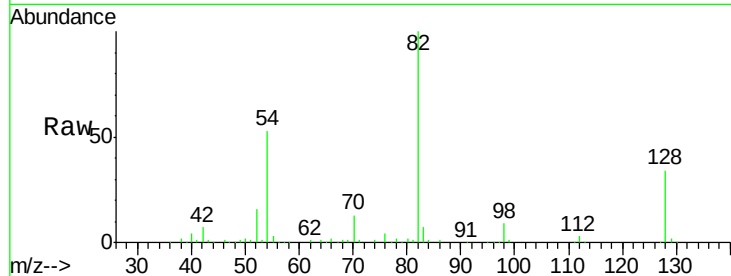




#23
 Nitrobenzene-d5
 Concen: 16.80 ng
 RT: 7.20 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF092128.D
 Acq: 6 Jan 2017 20:27

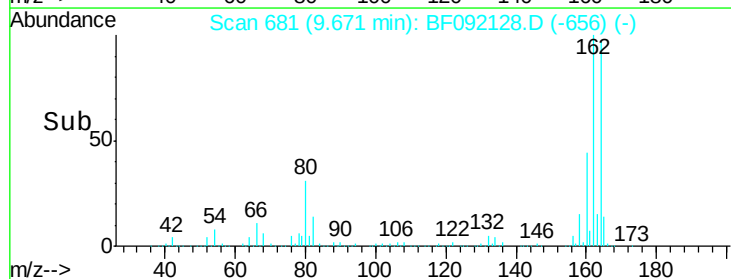
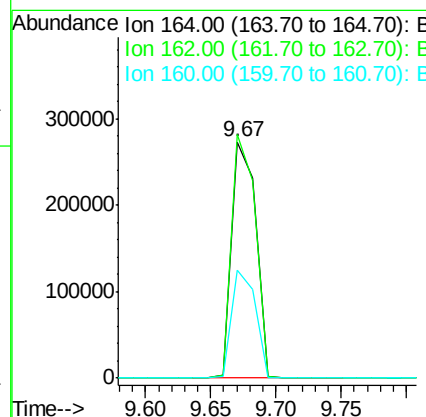
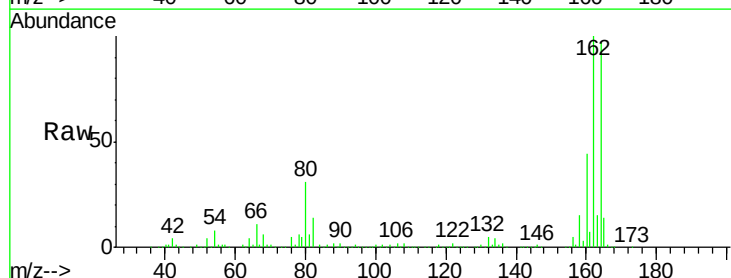
Instrument :
 BNA_F
 ClientSampleID :
 P3-SP2

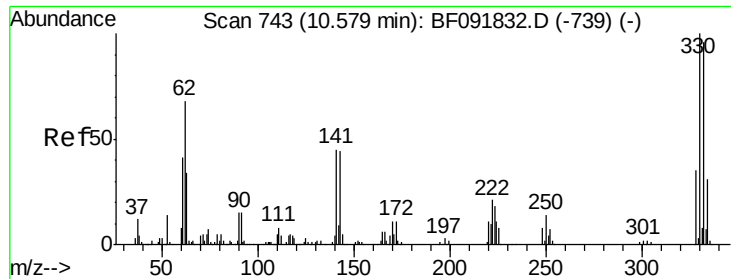
Tot Ion	82	Resp	263368
Ion Ratio	100	Lower	Upper
128	34.1	34.6	52.0#
54	53.3	39.5	59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF092128.D
 Acq: 6 Jan 2017 20:27

Tgt Ion	164	Resp	350372
Ion Ratio	100	Lower	Upper
162	103.2	80.2	120.2
160	45.9	36.9	55.3

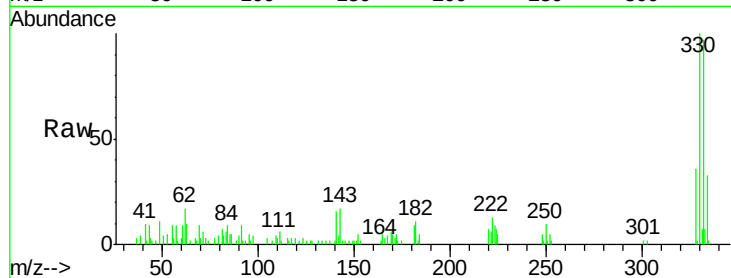




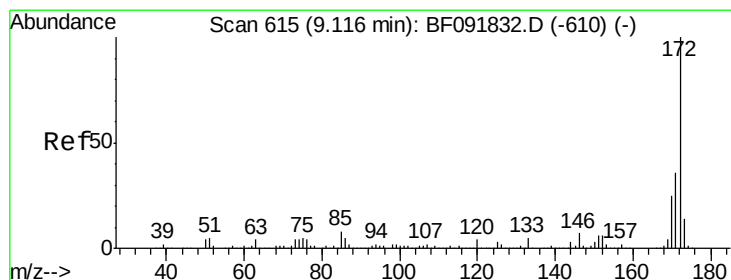
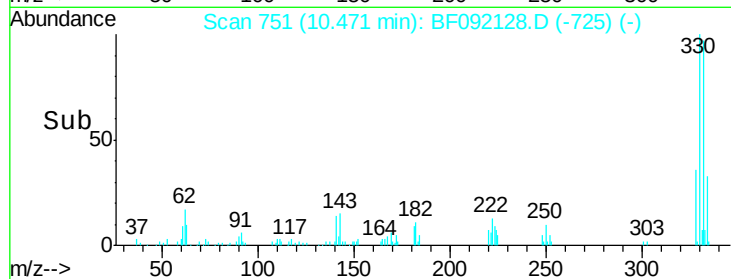
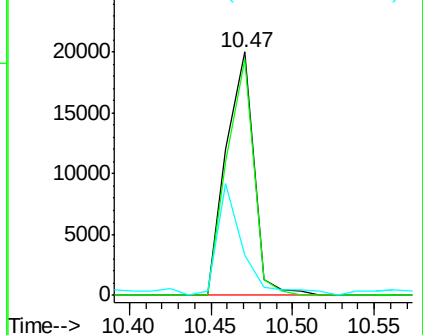
#41
 2,4,6-Tribromophenol
 Concen: 8.07 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092128.D
 Acq: 6 Jan 2017 20:27

Instrument :
 BNA_F
 ClientSampleId :
 P3-SP2

Tot Ion:330 Resp: 23401
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.4 116.2
 141 43.1 34.1 51.1

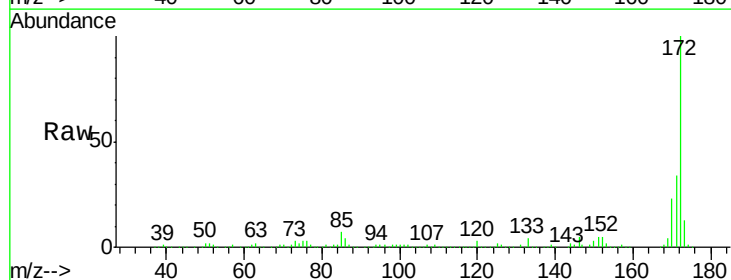


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

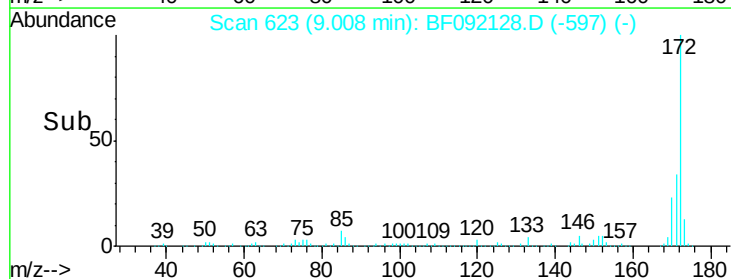
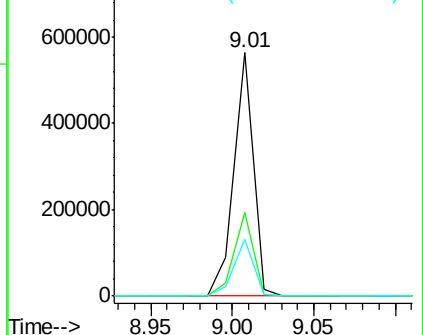


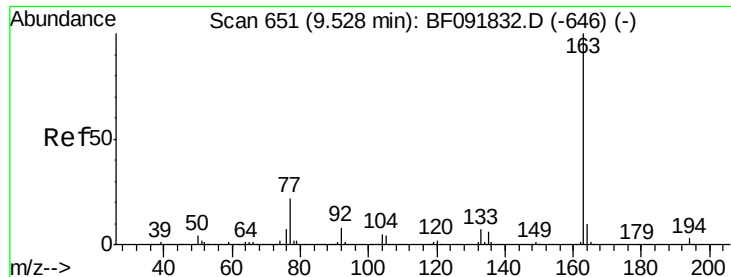
#44
 2-Fluorobiphenyl
 Concen: 16.55 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092128.D
 Acq: 6 Jan 2017 20:27

Tgt Ion:172 Resp: 460577
 Ion Ratio Lower Upper
 172 100
 171 34.5 29.4 44.0
 170 23.2 20.2 30.4



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

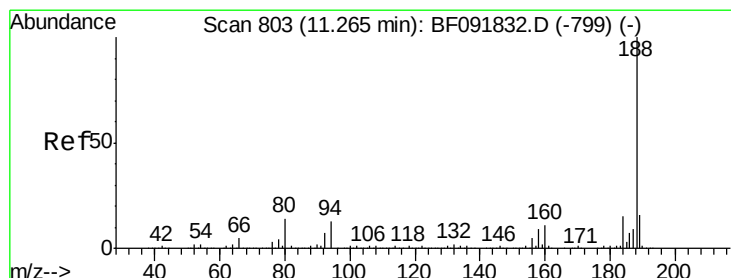
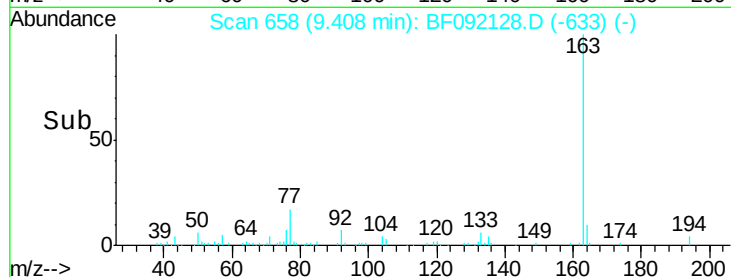
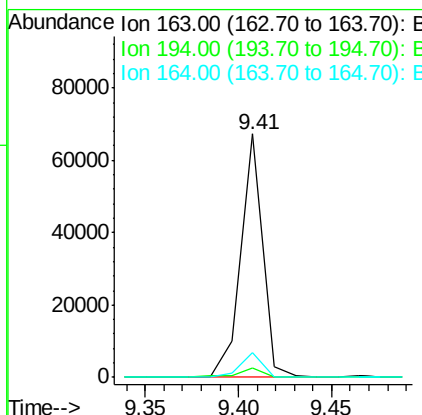
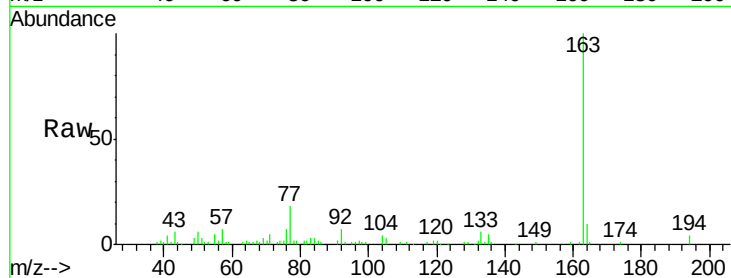




#49
Dimethylphthalate
Concen: 2.46 ng
RT: 9.41 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF092128.D
Acq: 6 Jan 2017 20:27

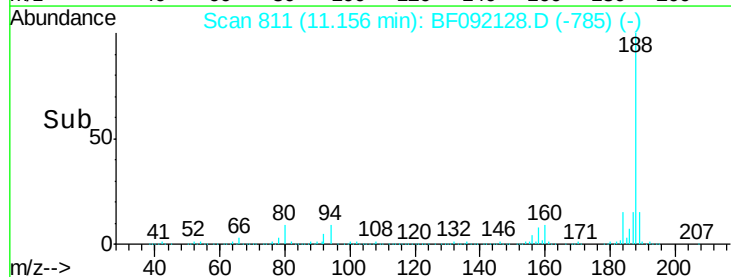
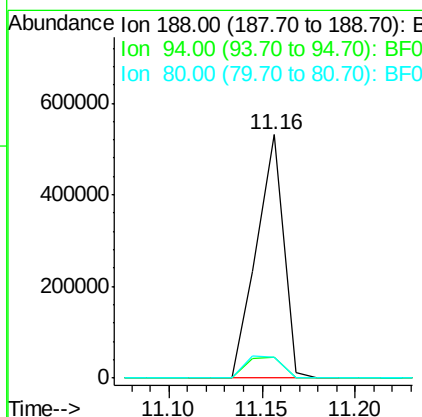
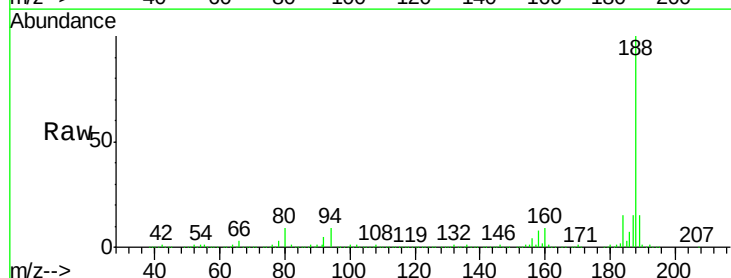
Instrument :
BNA_F
ClientSampleId :
P3-SP2

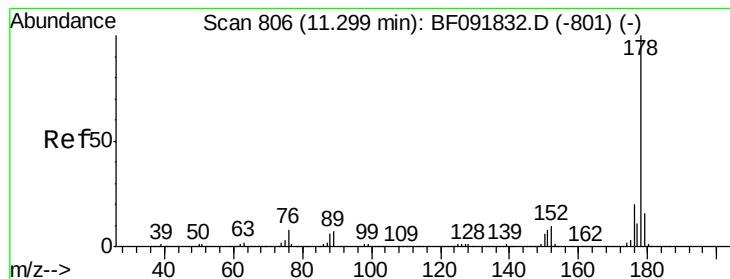
Tot Ion:163 Resp: 55226
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.0 8.0 12.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092128.D
Acq: 6 Jan 2017 20:27

Tgt Ion:188 Resp: 533482
Ion Ratio Lower Upper
188 100
94 8.5 10.0 15.0#
80 8.6 11.2 16.8#





#70

Phenanthrene

Concen: 3.86 ng

RT: 11.18 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF092128.D

Acq: 6 Jan 2017 20:27

Instrument :

BNA_F

ClientSampleId :

P3-SP2

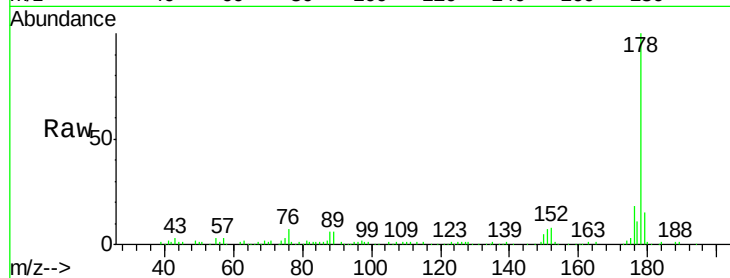
Tot Ion:178 Resp: 111548

Ion Ratio Lower Upper

178 100

176 18.2 16.6 25.0

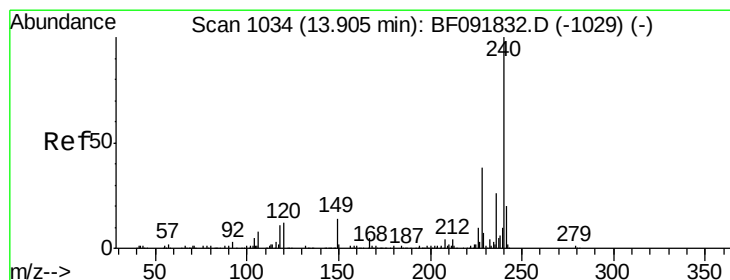
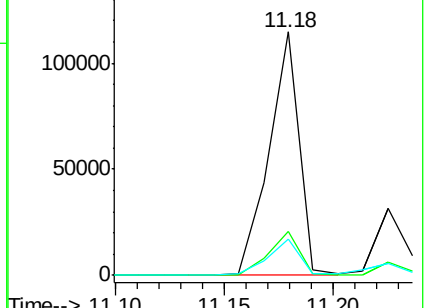
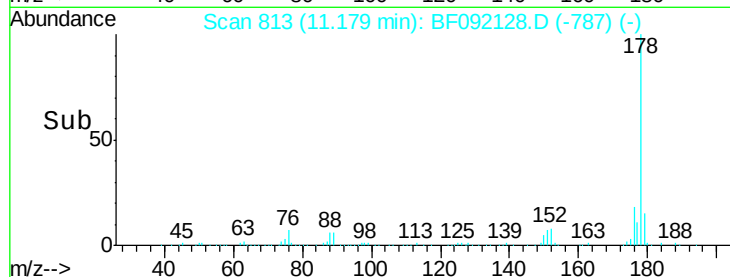
179 15.0 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF092128.D

Acq: 6 Jan 2017 20:27

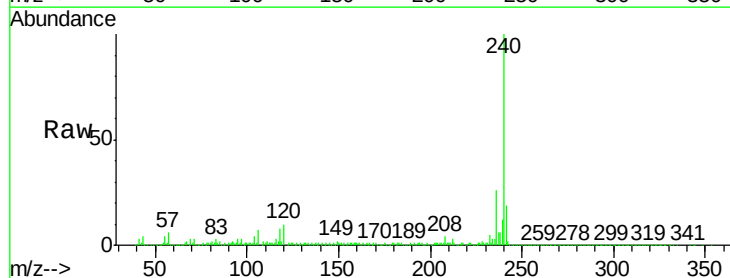
Tgt Ion:240 Resp: 485253

Ion Ratio Lower Upper

240 100

120 10.0 12.9 19.3#

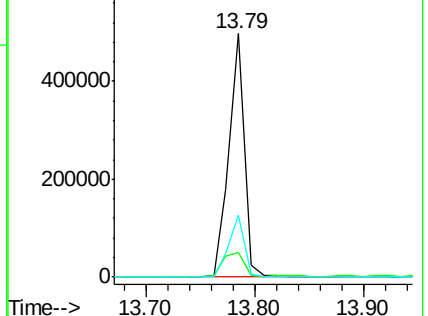
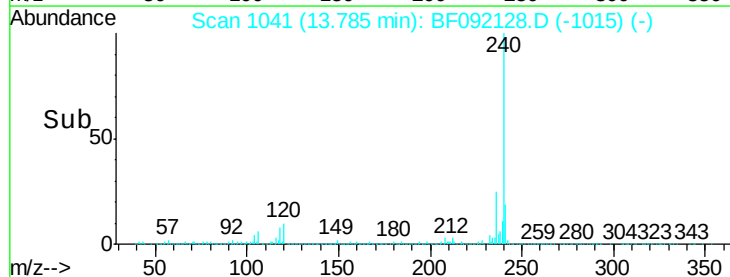
236 25.6 20.9 31.3

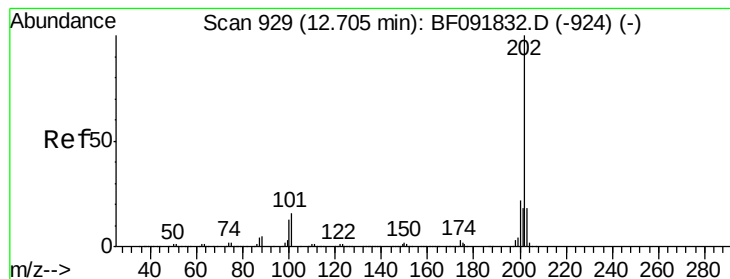


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.85 ng

RT: 12.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF092128.D

Acq: 6 Jan 2017 20:27

Instrument :

BNA_F

ClientSampleId :

P3-SP2

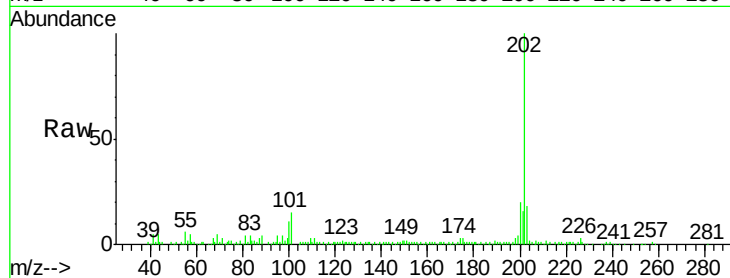
Tot Ion:202 Resp: 101369

Ion Ratio Lower Upper

202 100

200 20.0 17.7 26.5

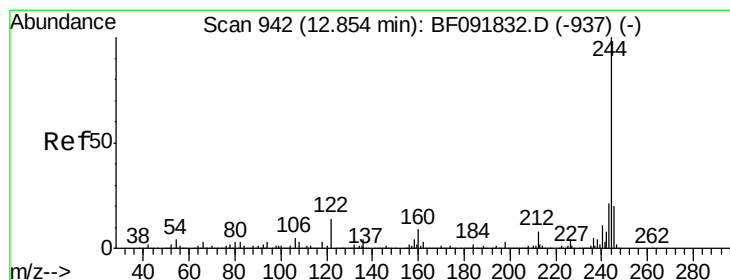
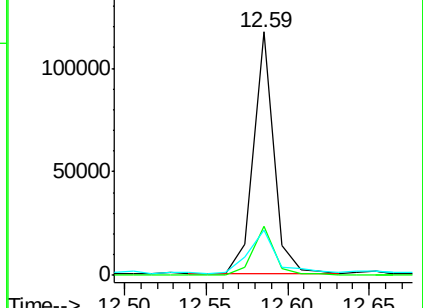
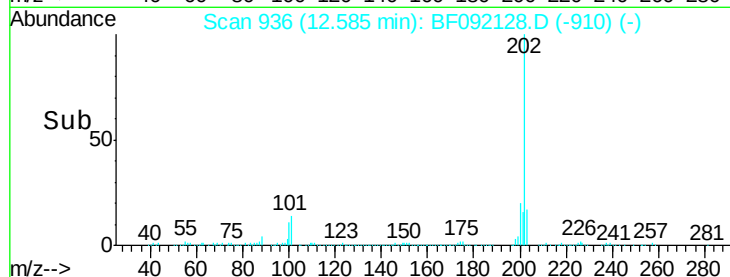
203 18.3 14.7 22.1



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: 15.51 ng

RT: 12.73 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF092128.D

Acq: 6 Jan 2017 20:27

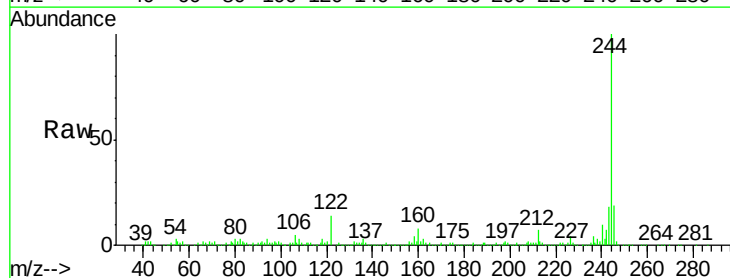
Tgt Ion:244 Resp: 310318

Ion Ratio Lower Upper

244 100

212 6.6 6.2 9.2

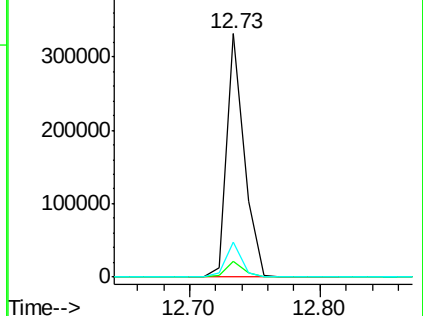
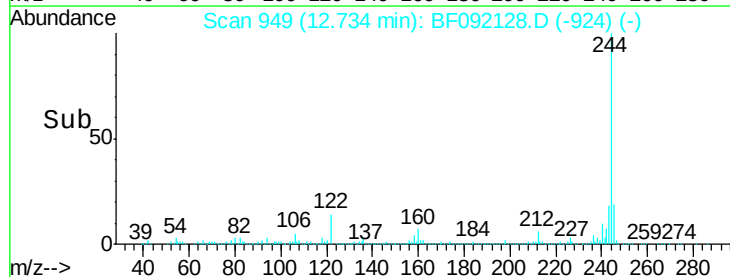
122 14.4 11.4 17.2

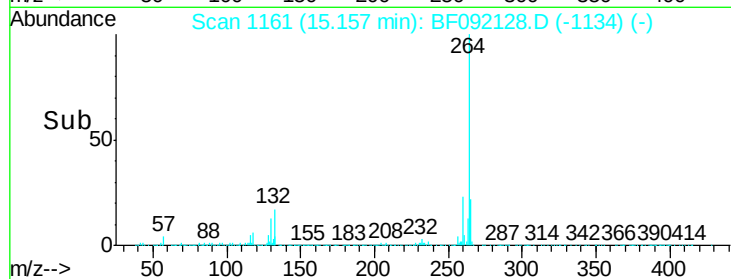
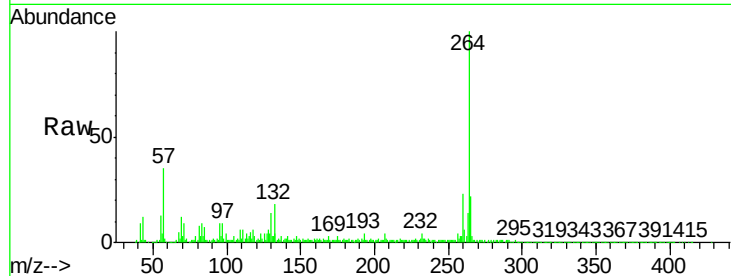
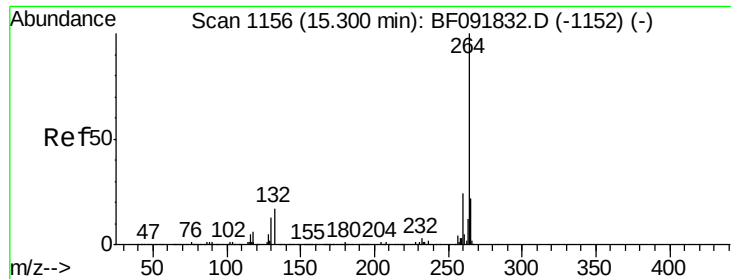


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.16 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF092128.D
Acq: 6 Jan 2017 20:27

Instrument :
BNA_F
ClientSampleId :
P3-SP2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.5	17.4	26.0

