

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011217\
 Data File : BF092229.D
 Acq On : 13 Jan 2017 2:23
 Operator : UM/SJ
 Sample : I1131-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP

Quant Time: Jan 13 06:56:26 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

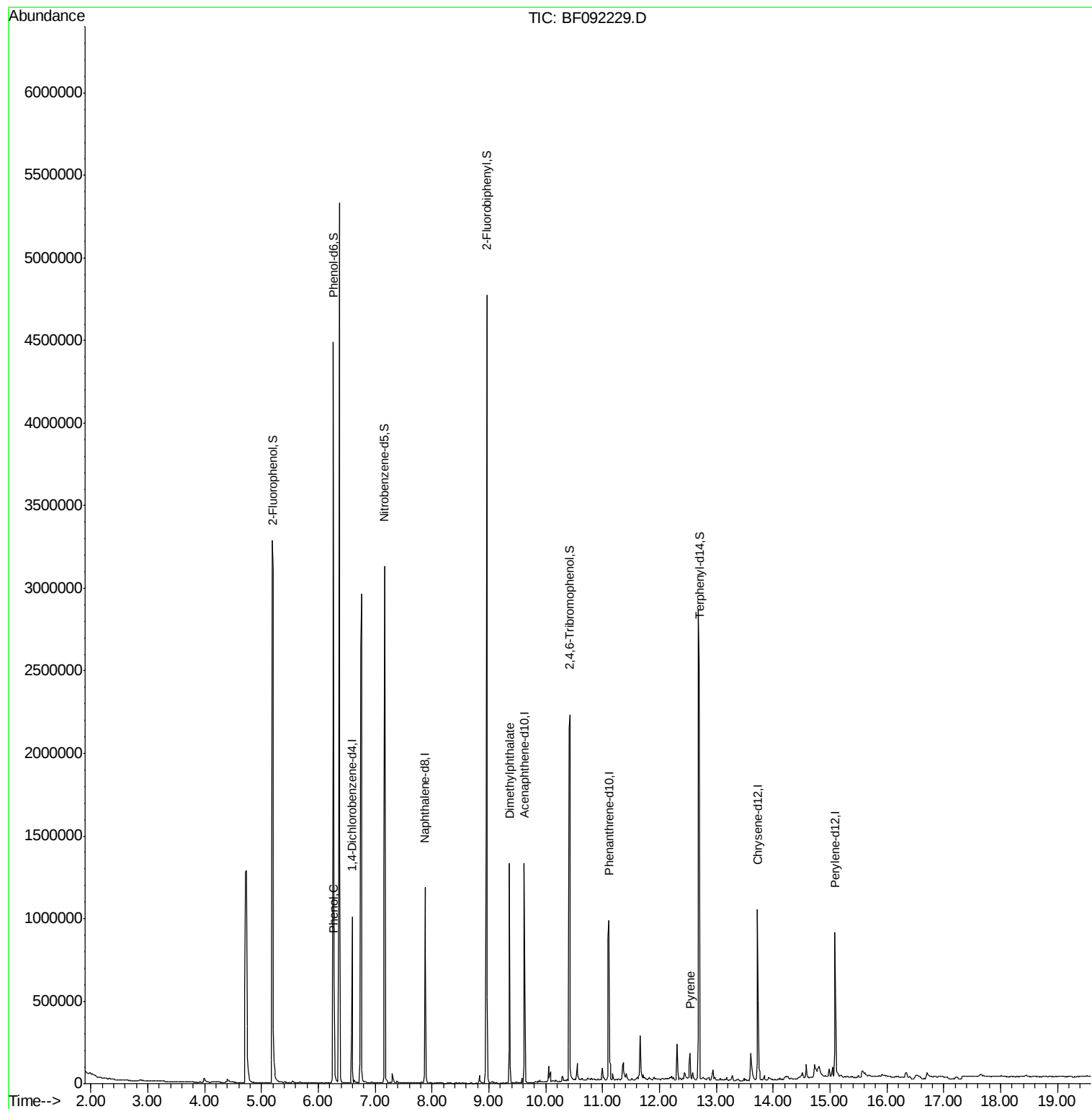
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	161682	20.00	ng	-0.05
21) Naphthalene-d8	7.88	136	714197	20.00	ng	-0.06
38) Acenaphthene-d10	9.62	164	329481	20.00	ng	-0.06
63) Phenanthrene-d10	11.11	188	516929	20.00	ng	-0.05
75) Chrysene-d12	13.73	240	375276	20.00	ng	-0.06
86) Perylene-d12	15.09	264	390822	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1440151	148.73	ng	-0.03
7) Phenol-d6	6.26	99	1777559	150.36	ng	-0.05
23) Nitrobenzene-d5	7.17	82	1163394	90.58	ng	-0.05
41) 2,4,6-Tribromophenol	10.42	330	436481	160.08	ng	-0.05
44) 2-Fluorobiphenyl	8.96	172	1576183	100.35	ng	-0.05
78) Terphenyl-d14	12.70	244	1332196	86.09	ng	-0.05
Target Compounds						
10) Phenol	6.28	94	42871	3.18	ng	76
49) Dimethylphthalate	9.36	163	510419	24.22	ng	99
77) Pyrene	12.54	202	67911	2.47	ng	96

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 412

Delta R.T. -0.05 min

Lab File: BF092229.D

Acq: 13 Jan 2017 2:23

Instrument :

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ClientSampleId :

DUP

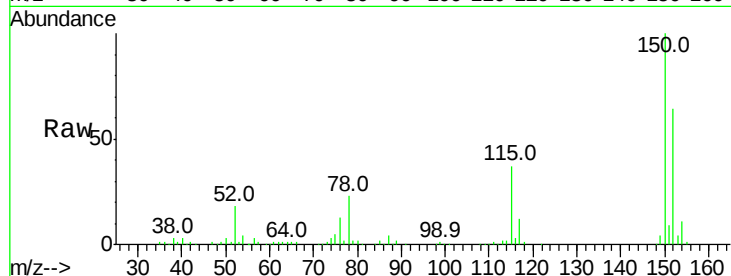
Tot Ion:152 Resp: 161682

Ion Ratio Lower Upper

152 100

150 156.3 124.9 187.3

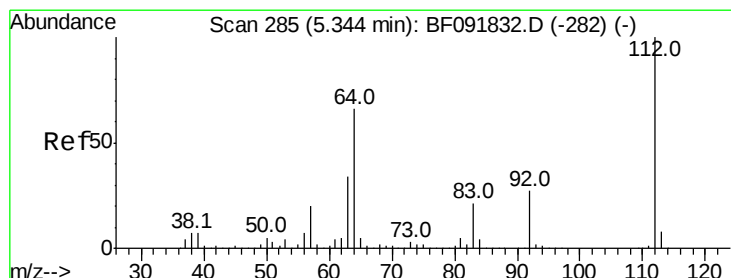
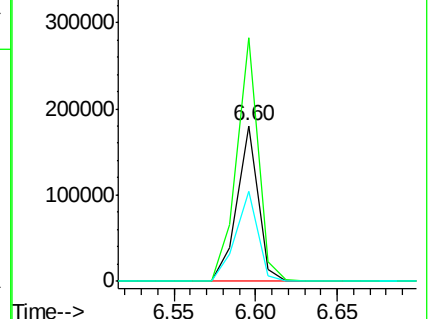
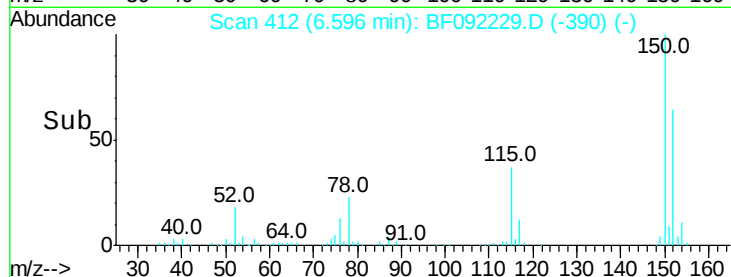
115 58.0 46.0 69.0



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



#5

2-Fluorophenol

Concen: 148.73 ng

RT: 5.20 min Scan# 290

Delta R.T. -0.03 min

Lab File: BF092229.D

Acq: 13 Jan 2017 2:23

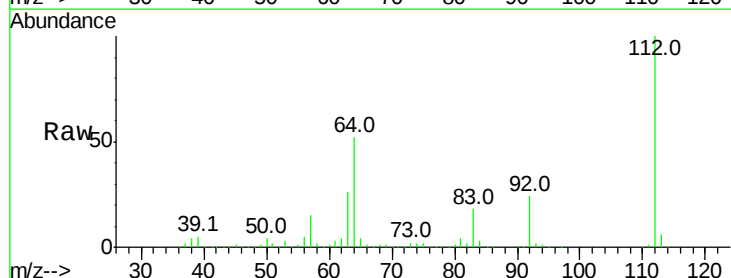
Tgt Ion:112 Resp: 1440151

Ion Ratio Lower Upper

112 100

64 51.6 46.1 69.1

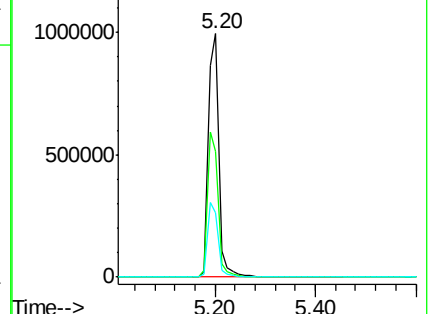
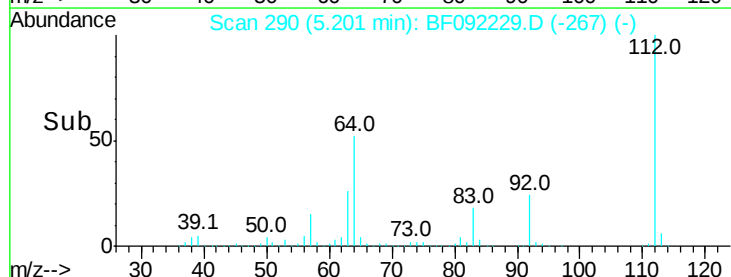
63 26.5 23.8 35.6

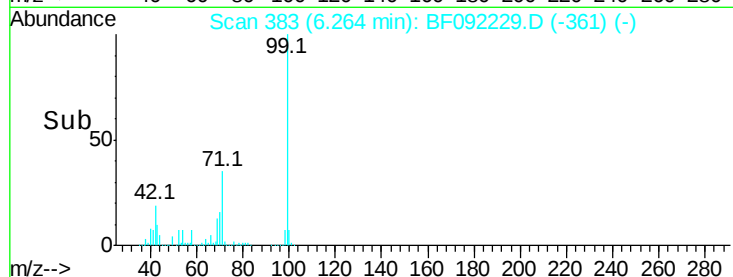
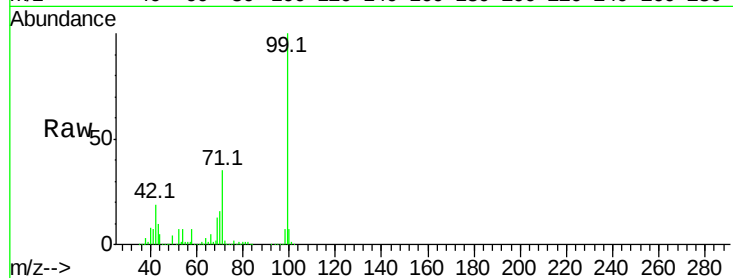
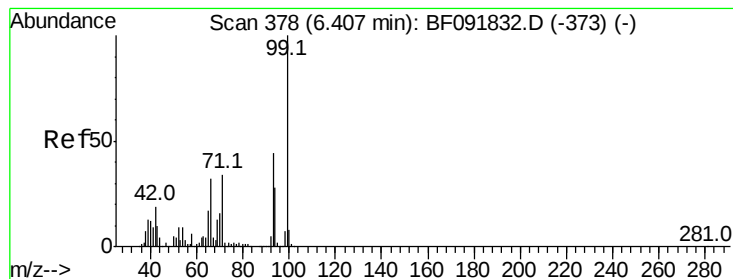


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 150.36 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF092229.D

Acq: 13 Jan 2017 2:23

Instrument :

BNA_F

ClientSampleId :

DUP

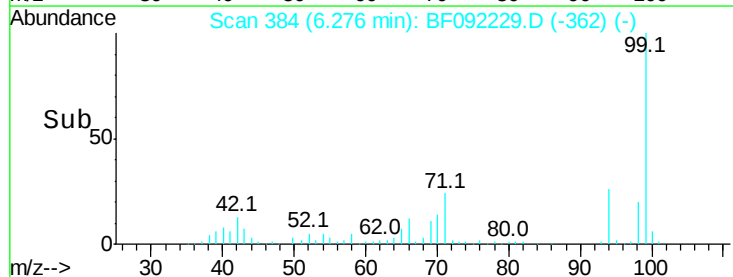
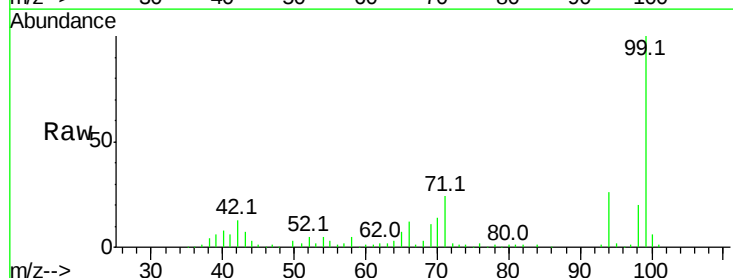
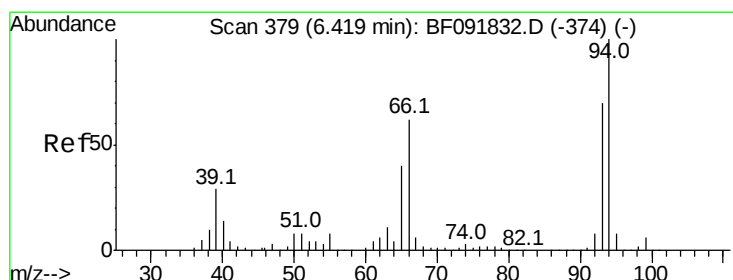
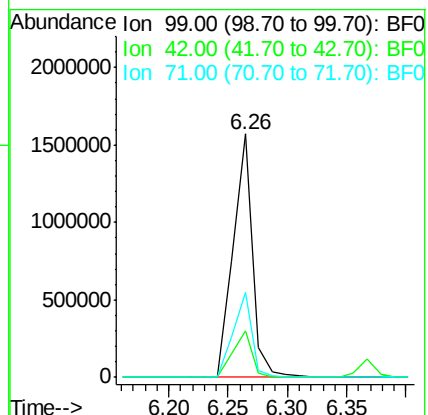
Tot Ion: 99 Resp: 1777559

Ion Ratio Lower Upper

99 100

42 19.3 15.6 23.4

71 34.9 27.5 41.3



#10

Phenol

Concen: 3.18 ng

RT: 6.28 min Scan# 384

Delta R.T. -0.05 min

Lab File: BF092229.D

Acq: 13 Jan 2017 2:23

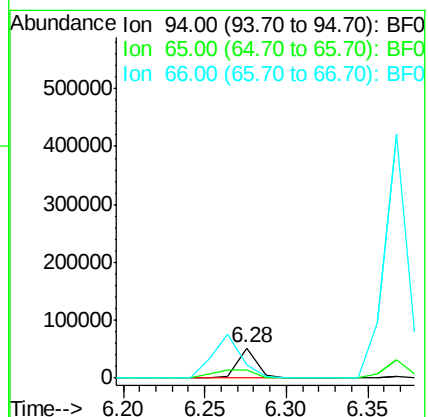
Tgt Ion: 94 Resp: 42871

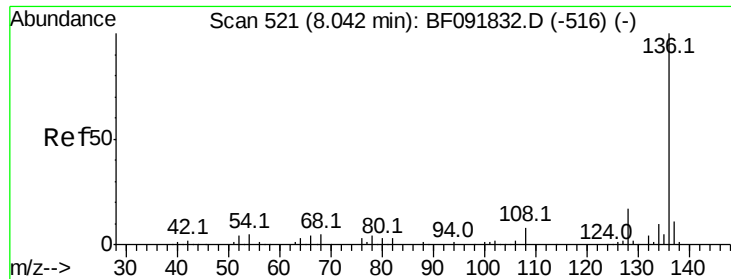
Ion Ratio Lower Upper

94 100

65 27.0 21.4 61.4

66 45.3 44.0 84.0

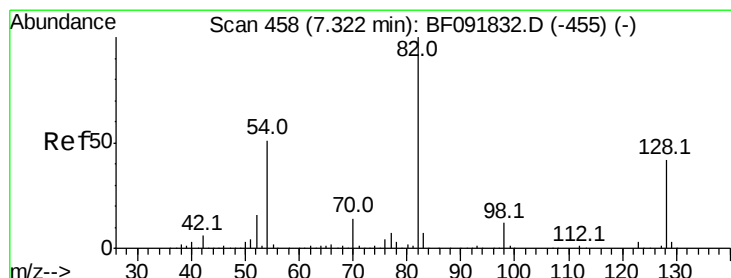
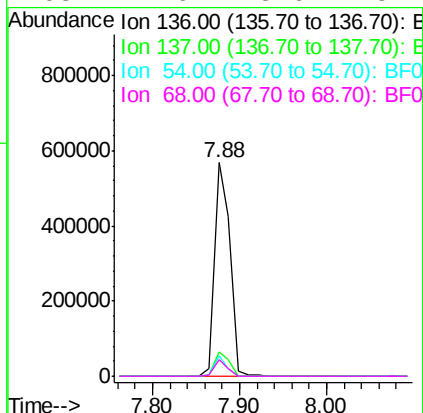
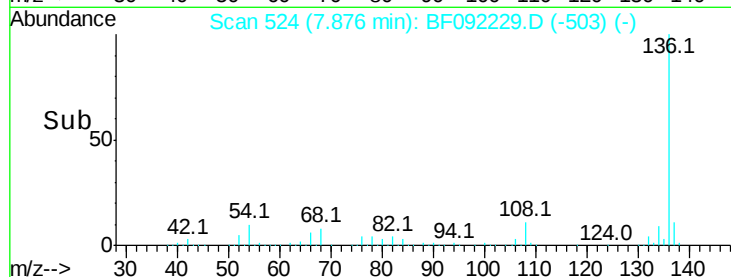
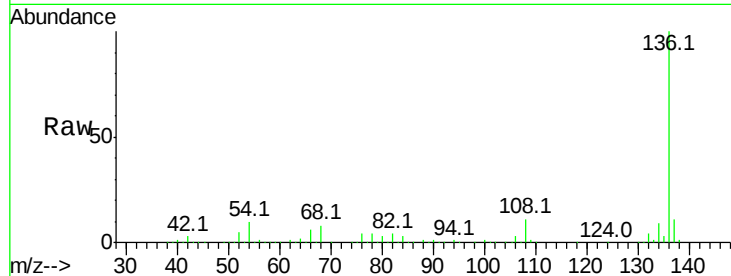




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.06 min
Lab File: BF092229.D
Acq: 13 Jan 2017 2:23

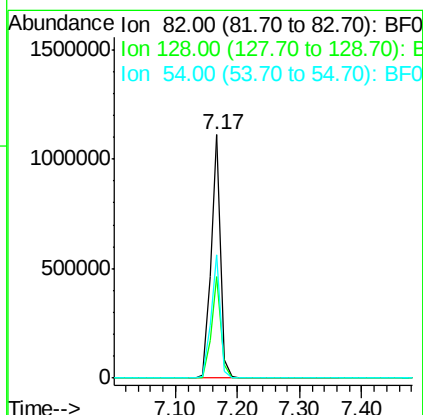
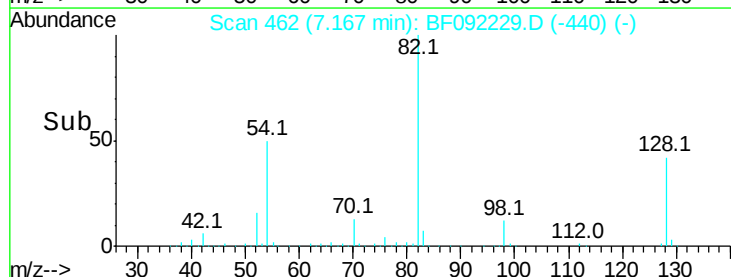
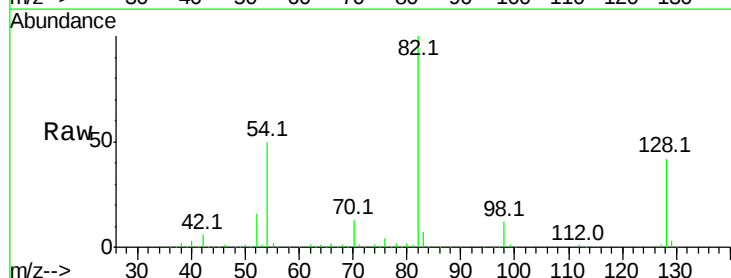
Instrument :
BNA_F
ClientSampleId :
DUP

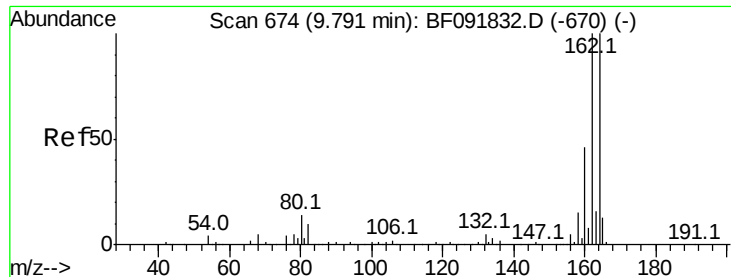
Tot Ion:	136	Resp:	714197
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	9.6	4.5	6.7#
68	7.6	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 90.58 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.05 min
Lab File: BF092229.D
Acq: 13 Jan 2017 2:23

Tgt Ion:	82	Resp:	1163394
Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.6	52.0
54	50.5	39.5	59.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.62 min Scan# 677

Delta R.T. -0.06 min

Lab File: BF092229.D

Acq: 13 Jan 2017 2:23

Instrument :

BNA_F

ClientSampleId :

DUP

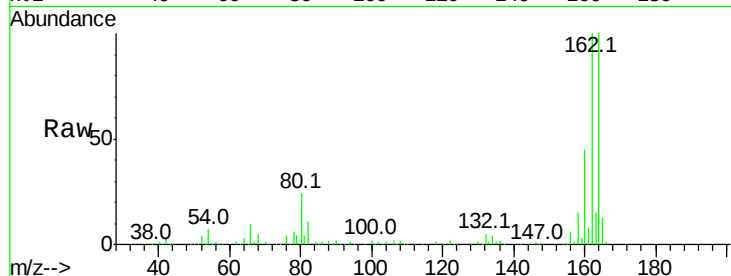
Tot Ion:164 Resp: 329481

Ion Ratio Lower Upper

164 100

162 99.8 80.2 120.2

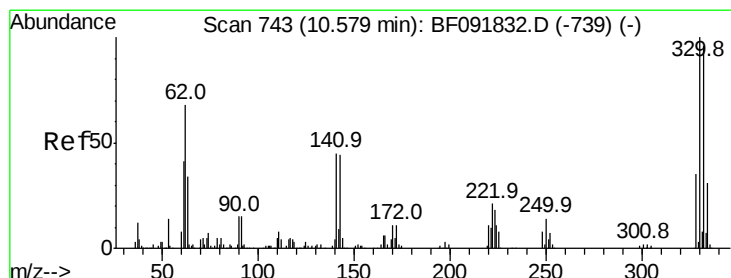
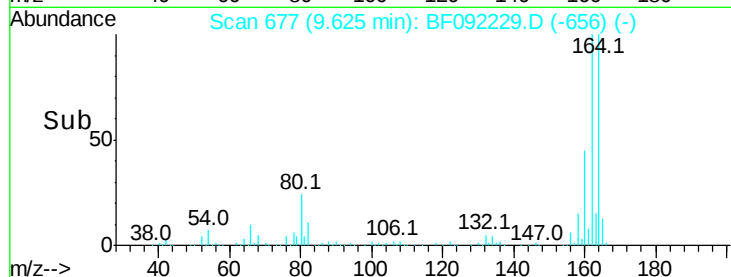
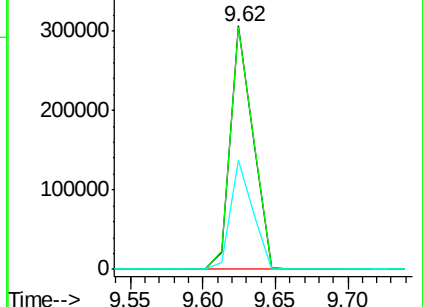
160 44.9 36.9 55.3



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: 160.08 ng

RT: 10.42 min Scan# 747

Delta R.T. -0.05 min

Lab File: BF092229.D

Acq: 13 Jan 2017 2:23

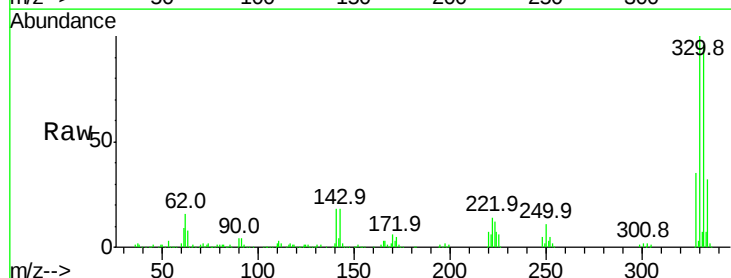
Tgt Ion:330 Resp: 436481

Ion Ratio Lower Upper

330 100

332 95.3 77.4 116.2

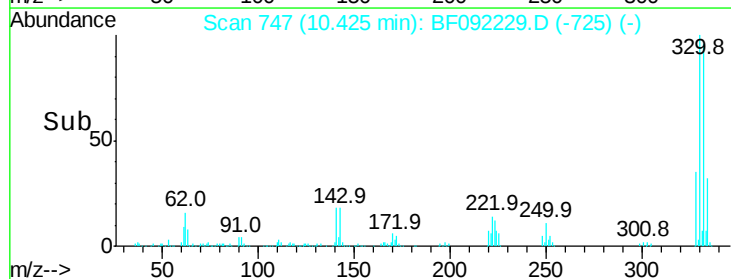
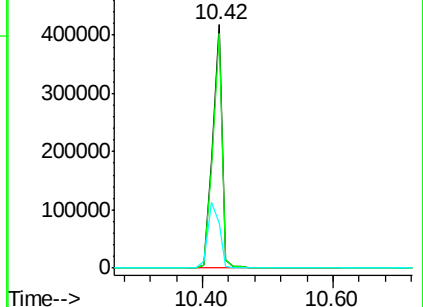
141 32.7 34.1 51.1#



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

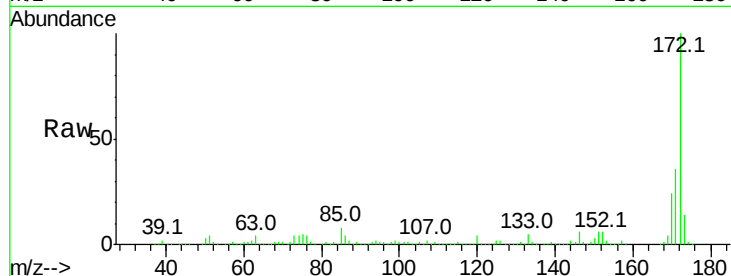




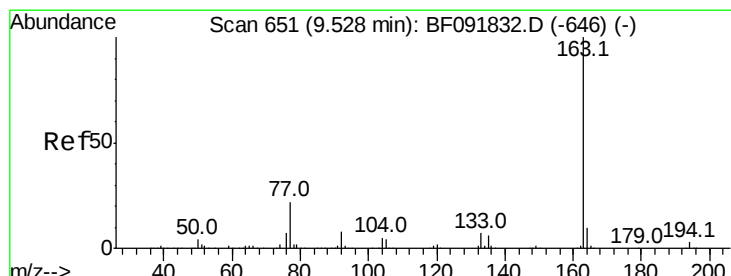
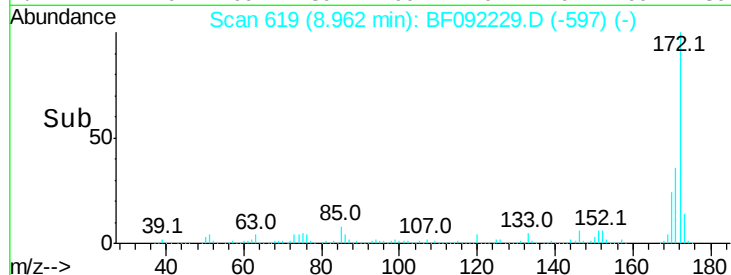
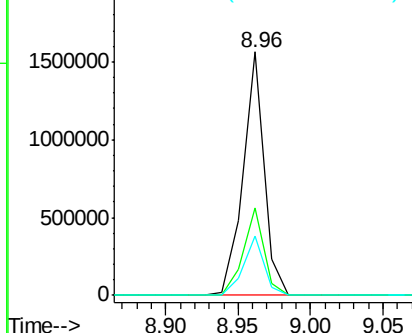
#44
2-Fluorobiphenyl
Concen: 100.35 ng
RT: 8.96 min Scan# 619
Delta R.T. -0.05 min
Lab File: BF092229.D
Acq: 13 Jan 2017 2:23

Instrument :
BNA_F
ClientSampleId :
DUP

Tot Ion:172 Resp: 1576183
Ion Ratio Lower Upper
172 100
171 35.9 29.4 44.0
170 24.3 20.2 30.4

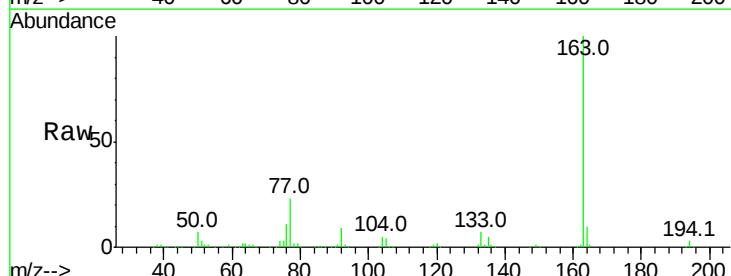


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

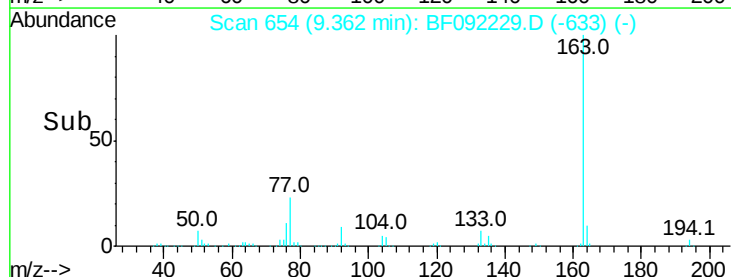
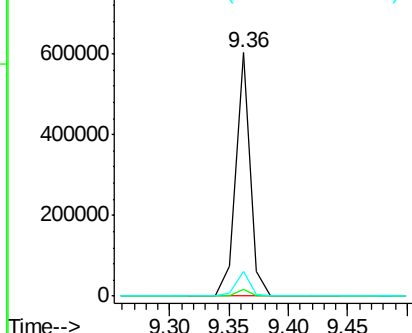


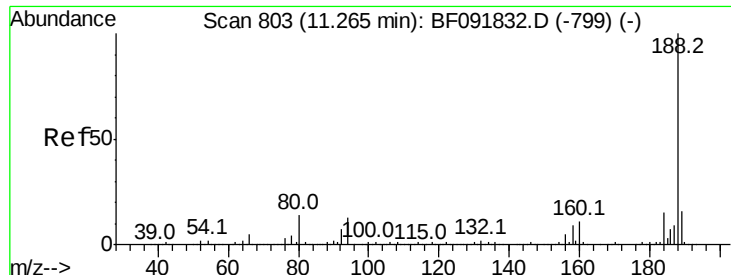
#49
Dimethylphthalate
Concen: 24.22 ng
RT: 9.36 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF092229.D
Acq: 13 Jan 2017 2:23

Tgt Ion:163 Resp: 510419
Ion Ratio Lower Upper
163 100
194 3.0 3.0 4.4
164 10.3 8.0 12.0



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

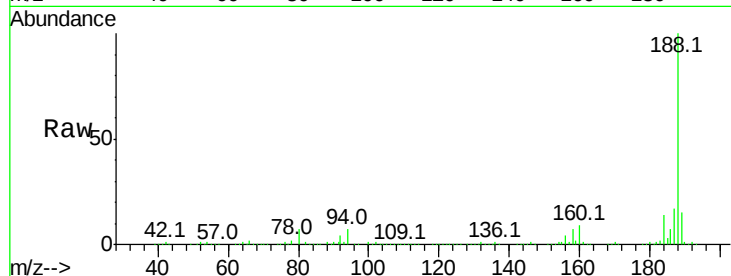




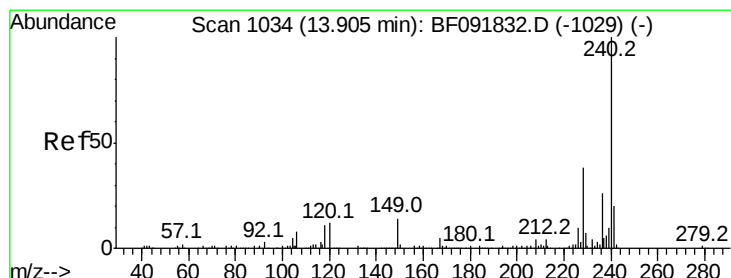
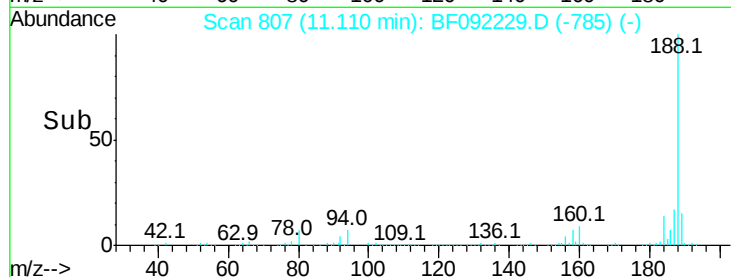
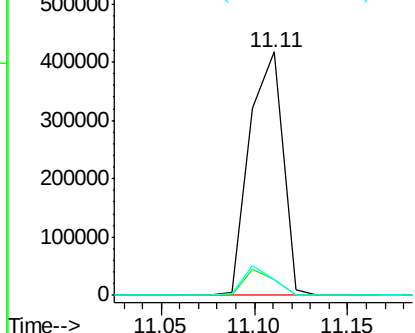
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF092229.D
Acq: 13 Jan 2017 2:23

Instrument :
BNA_F
ClientSampleId :
DUP

Tot Ion:188 Resp: 516929
Ion Ratio Lower Upper
188 100
94 6.6 10.0 15.0#
80 6.7 11.2 16.8#

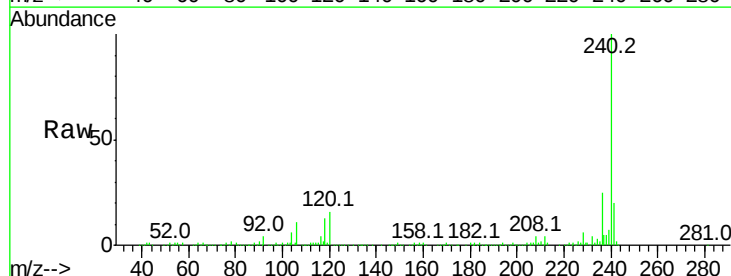


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

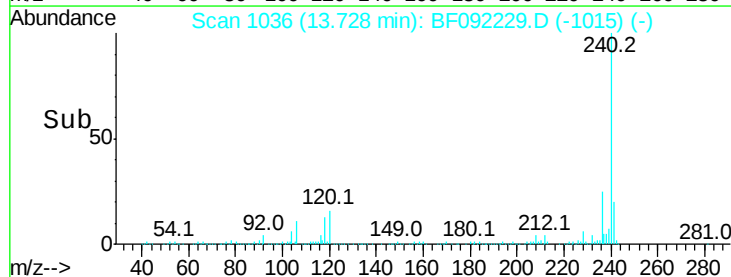
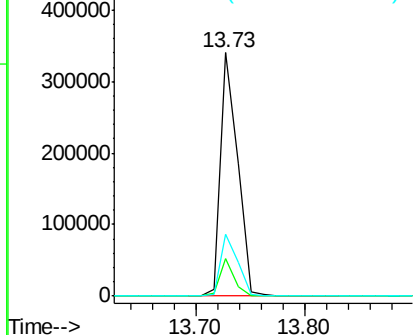


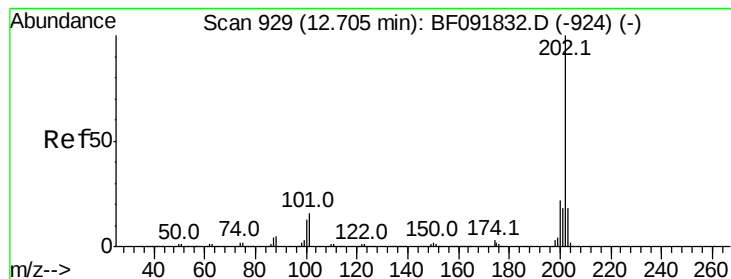
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1036
Delta R.T. -0.06 min
Lab File: BF092229.D
Acq: 13 Jan 2017 2:23

Tgt Ion:240 Resp: 375276
Ion Ratio Lower Upper
240 100
120 15.6 12.9 19.3
236 25.2 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: 2.47 ng

RT: 12.54 min Scan# 932

Delta R.T. -0.05 min

Lab File: BF092229.D

Acq: 13 Jan 2017 2:23

Instrument :

BNA_F

ClientSampleId :

DUP

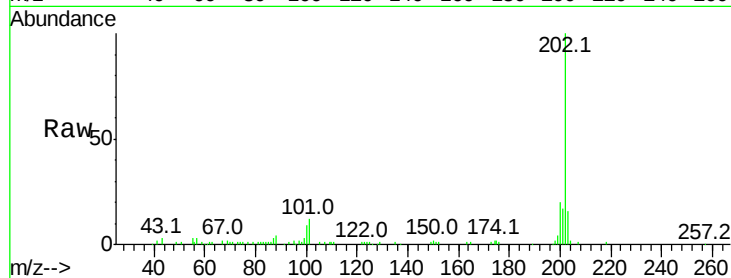
Tot Ion:202 Resp: 67911

Ion Ratio Lower Upper

202 100

200 20.5 17.7 26.5

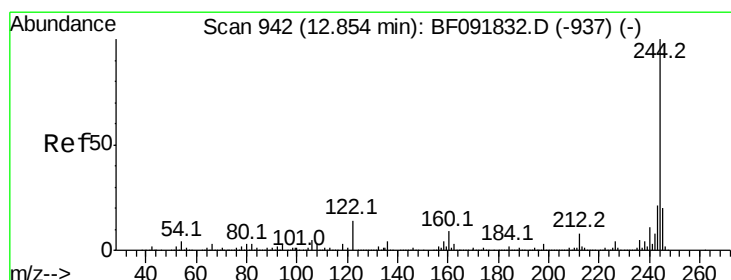
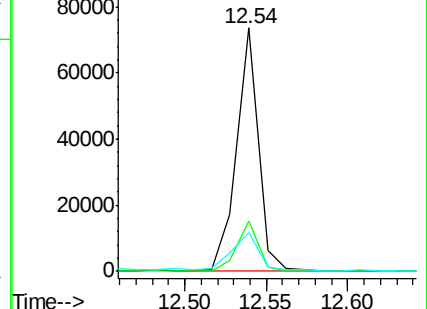
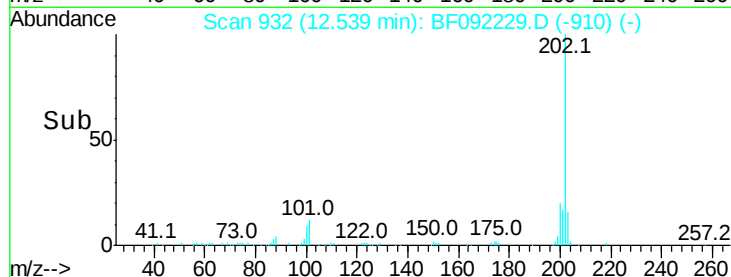
203 16.1 14.7 22.1



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: 86.09 ng

RT: 12.70 min Scan# 946

Delta R.T. -0.05 min

Lab File: BF092229.D

Acq: 13 Jan 2017 2:23

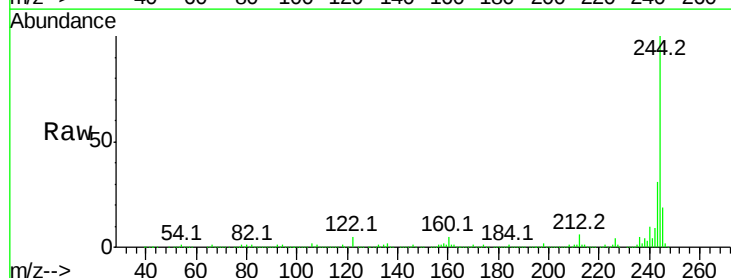
Tgt Ion:244 Resp: 1332196

Ion Ratio Lower Upper

244 100

212 6.1 6.2 9.2#

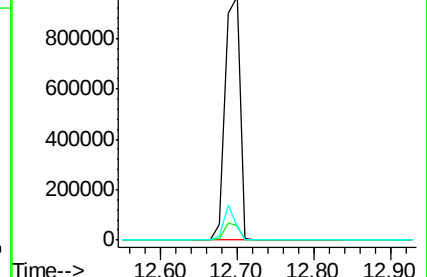
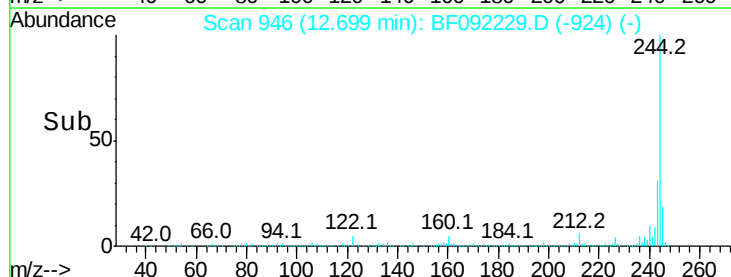
122 5.3 11.4 17.2#

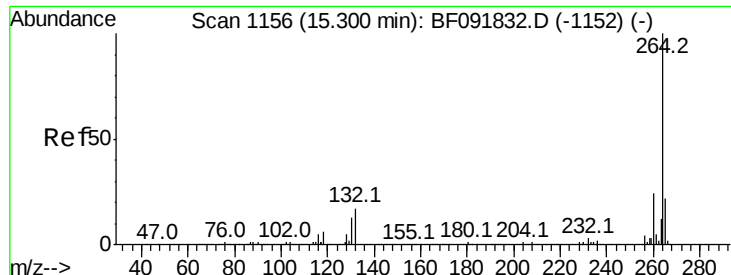


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

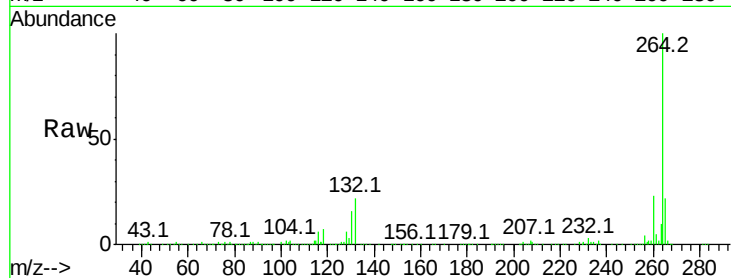




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.09 min Scan# 1155
Delta R.T. -0.06 min
Lab File: BF092229.D
Acq: 13 Jan 2017 2:23

Instrument :
BNA_F
ClientSampleId :
DUP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.6	17.4	26.0



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

