

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\
 Data File : BF102269.D
 Acq On : 20 Jan 2018 16:47
 Operator : SJ/JU
 Sample : J1210-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3992

Quant Time: Jan 22 02:56:50 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 13:31:35 2018
 Response via : Initial Calibration

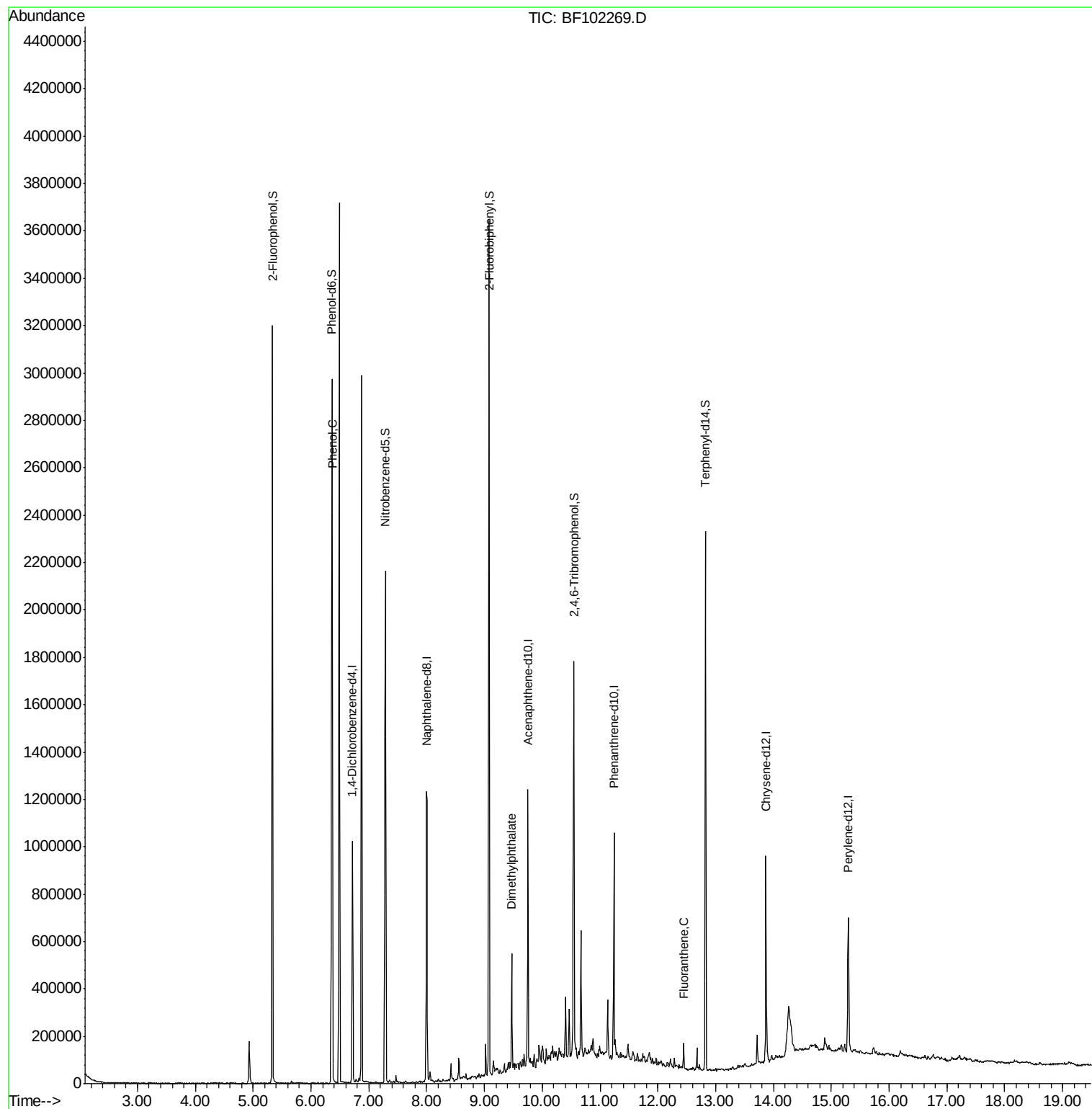
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	150300	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	585816	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	233185	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	331685	20.00	ng	0.00
75) Chrysene-d12	13.87	240	284238	20.00	ng	0.00
86) Perylene-d12	15.29	264	248919	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1033134	97.06	ng	0.00
7) Phenol-d6	6.36	99	1244945	98.03	ng	0.00
23) Nitrobenzene-d5	7.29	82	762394	76.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	198138	97.37	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1137427	76.20	ng	0.00
78) Terphenyl-d14	12.82	244	759360	55.47	ng	0.00
Target Compounds						
10) Phenol	6.37	94	62581	4.36	ng	99
49) Dimethylphthalate	9.47	163	123893	6.62	ng	100
74) Fluoranthene	12.45	202	38259	2.01	ng	99

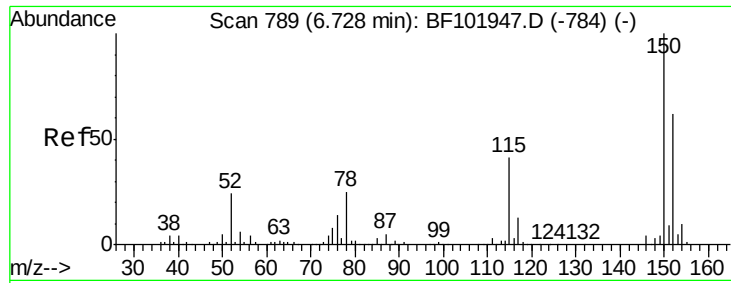
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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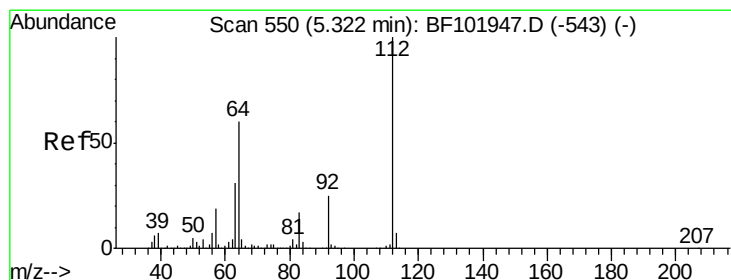
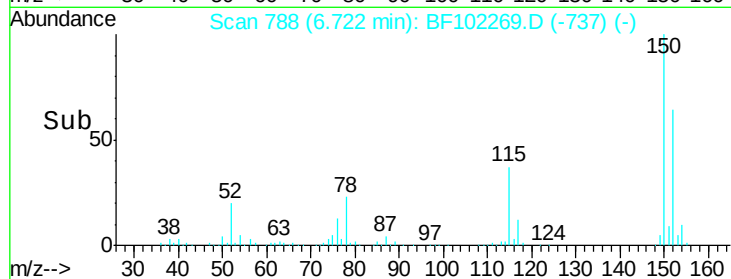
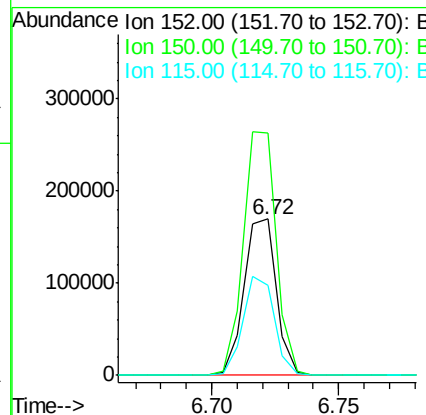
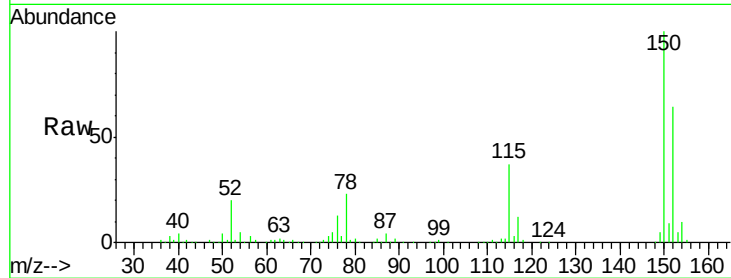


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF102269.D
Acq: 20 Jan 2018 16:47

Instrument :
BNA_F
ClientSampleId :
RT-3992

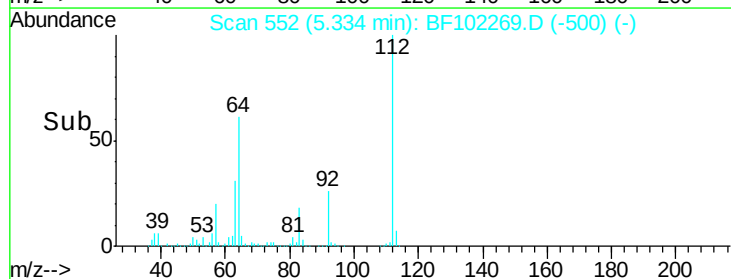
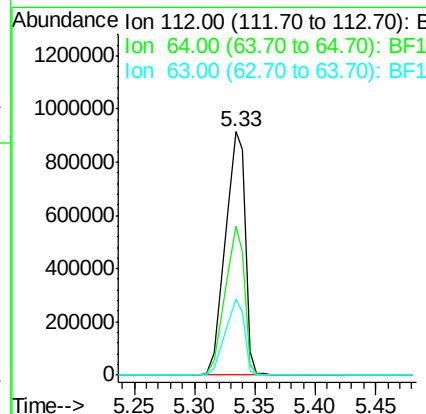
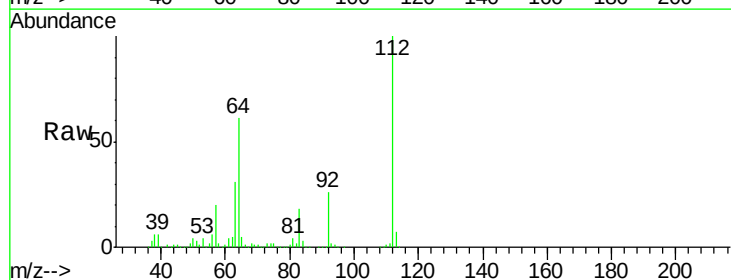
Tot Ion:152 Resp: 150300
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 57.5 50.1 75.1

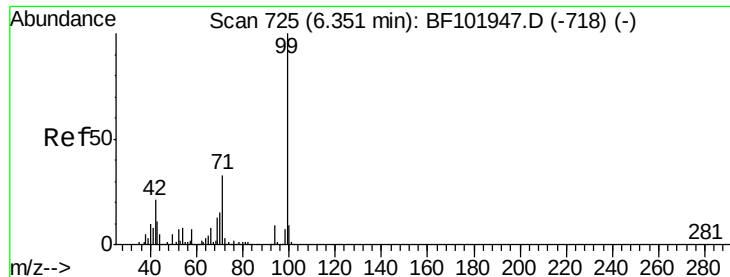


#5

2-Fluorophenol
Concen: 97.06 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102269.D
Acq: 20 Jan 2018 16:47

Tgt Ion:112 Resp: 1033134
Ion Ratio Lower Upper
112 100
64 61.1 47.9 71.9
63 31.2 23.7 35.5





#7

Phenol-d6

Concen: 98.03 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102269.D

Acq: 20 Jan 2018 16:47

Instrument :

BNA_F

ClientSampleId :

RT-3992

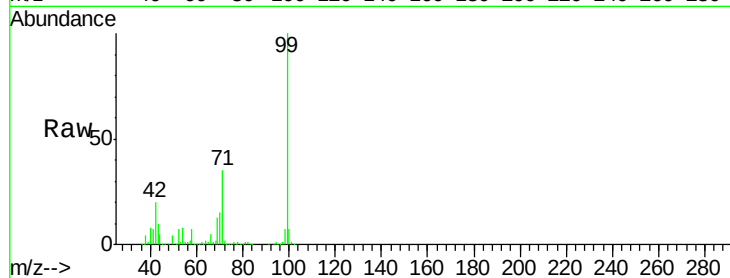
Tot Ion: 99 Resp: 1244945

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

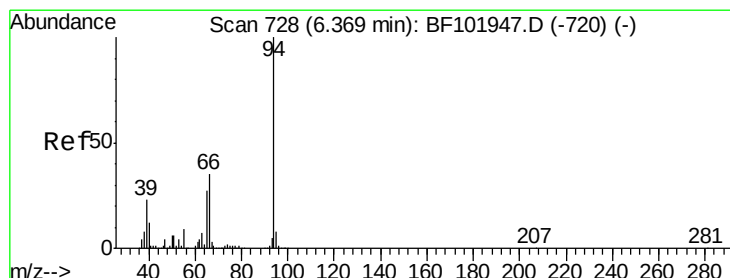
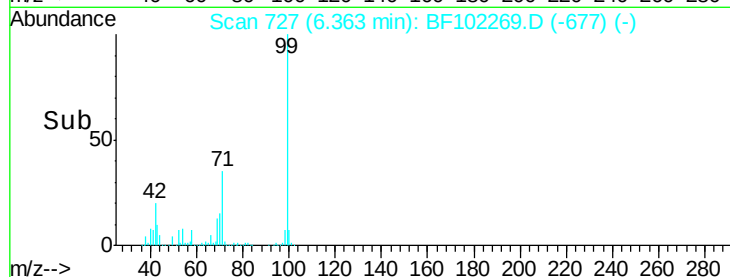
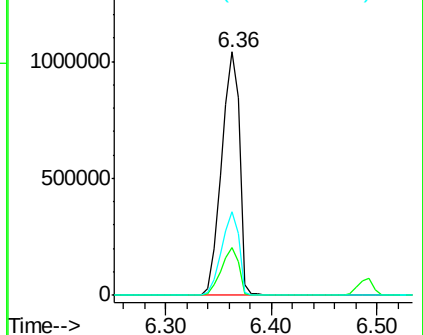
71 34.6 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.36 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF102269.D

Acq: 20 Jan 2018 16:47

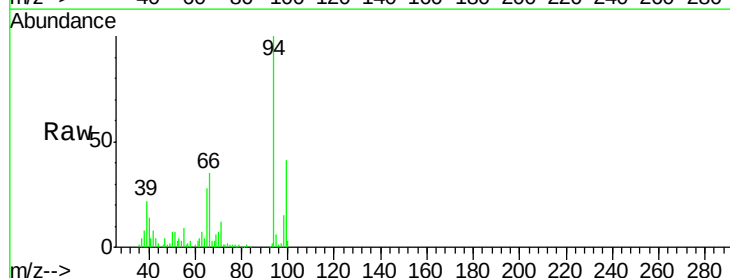
Tgt Ion: 94 Resp: 62581

Ion Ratio Lower Upper

94 100

65 28.0 7.9 47.9

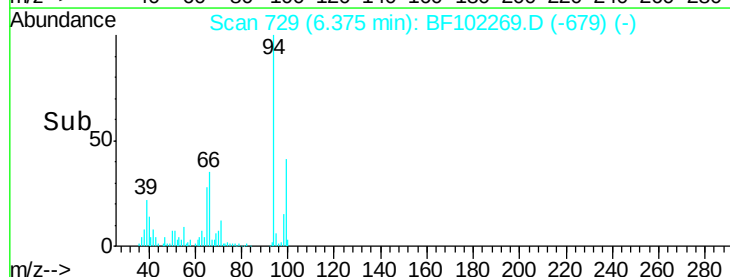
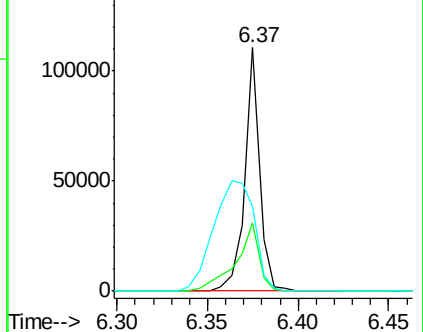
66 35.1 16.2 56.2

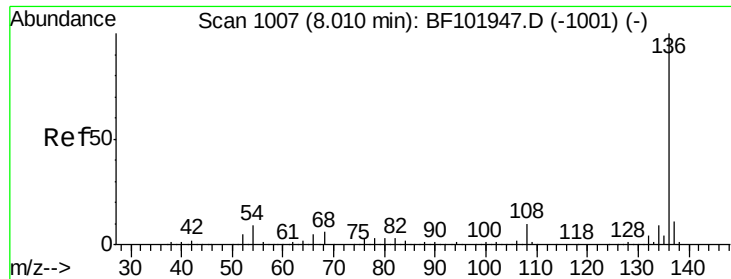


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

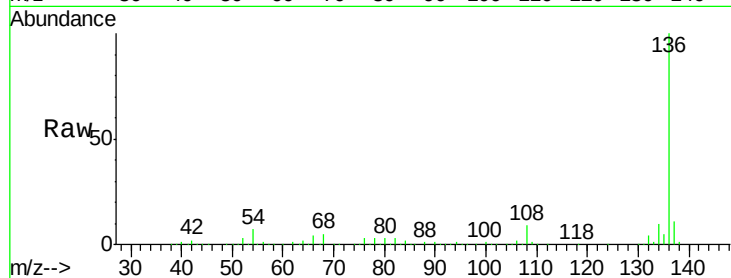




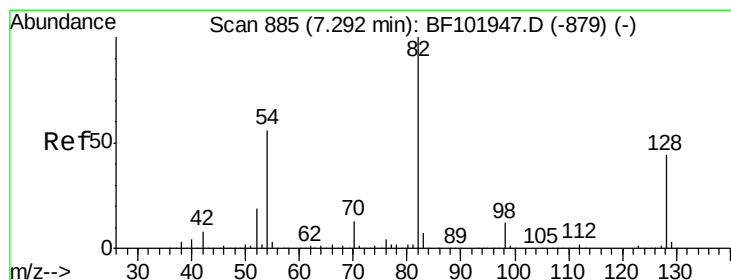
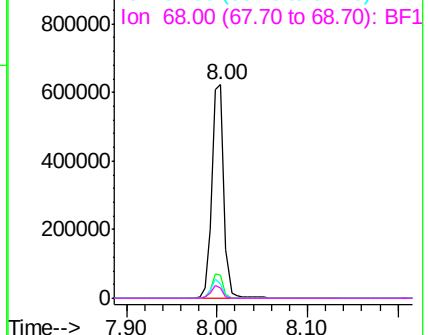
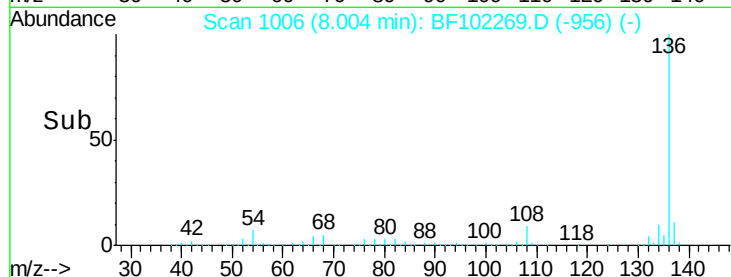
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102269.D
Acq: 20 Jan 2018 16:47

Instrument :
BNA_F
ClientSampleId :
RT-3992

Tot Ion:136	Resp:	585816
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.9 13.3
54	6.9	6.6 9.8
68	5.1	5.0 7.4

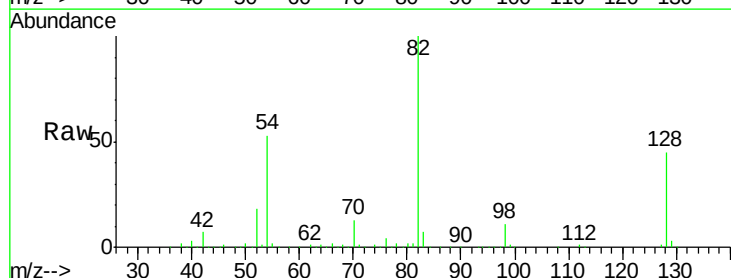


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

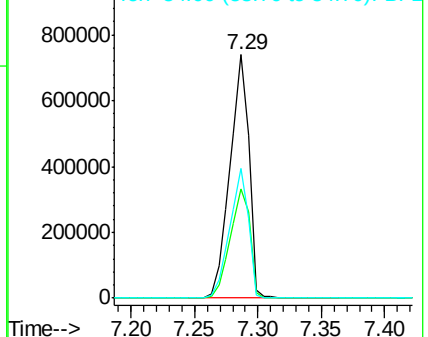
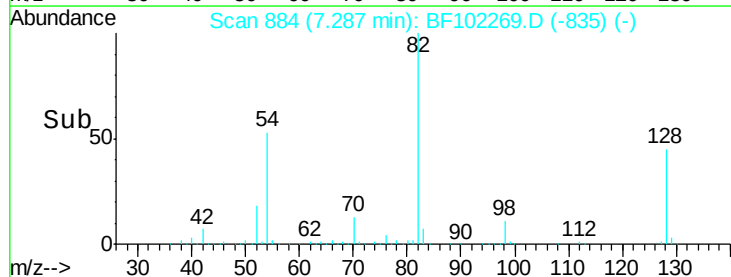


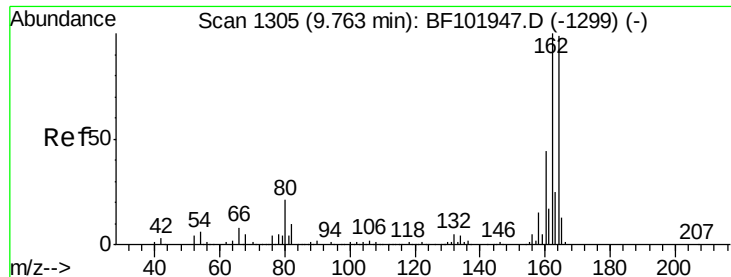
#23
Nitrobenzene-d5
Concen: 76.48 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102269.D
Acq: 20 Jan 2018 16:47

Tgt Ion: 82	Resp:	762394
Ion	Ratio	Lower Upper
82	100	
128	44.8	36.1 54.1
54	53.4	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

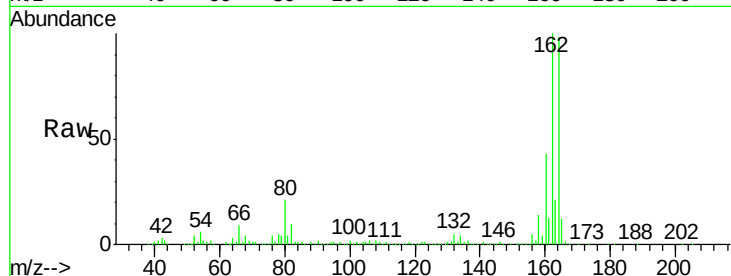




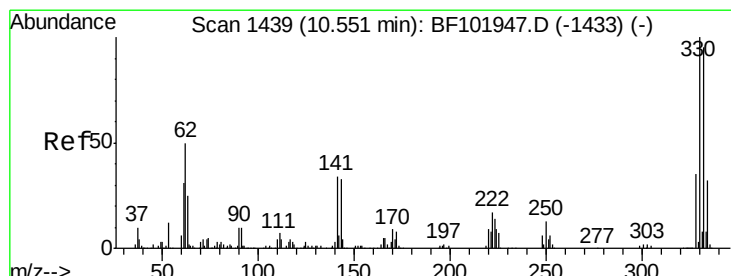
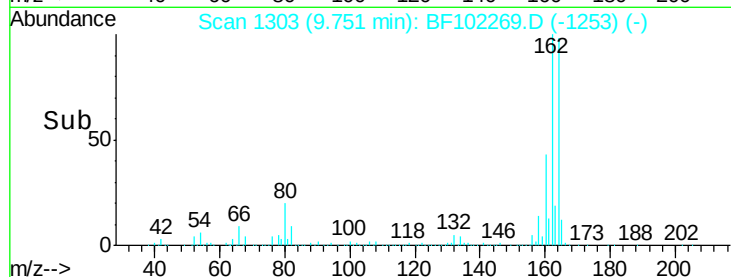
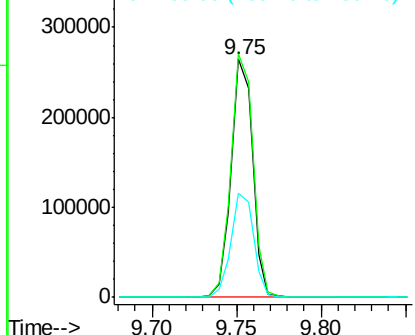
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102269.D
Acq: 20 Jan 2018 16:47

Instrument :
BNA_F
ClientSampleId :
RT-3992

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	43.9	38.3	57.5

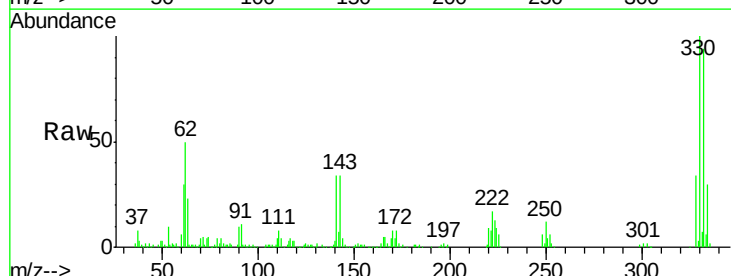


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

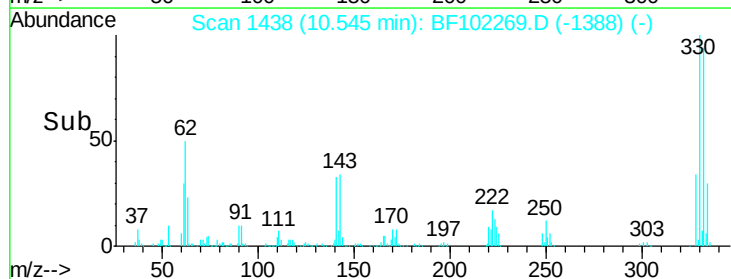
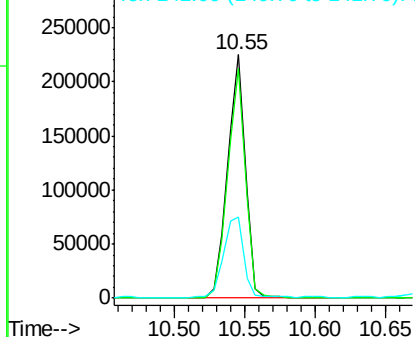


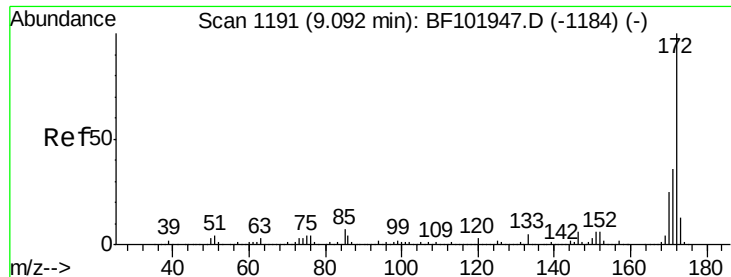
#41
2,4,6-Tribromophenol
Concen: 97.37 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF102269.D
Acq: 20 Jan 2018 16:47

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	36.9	29.9	44.9



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

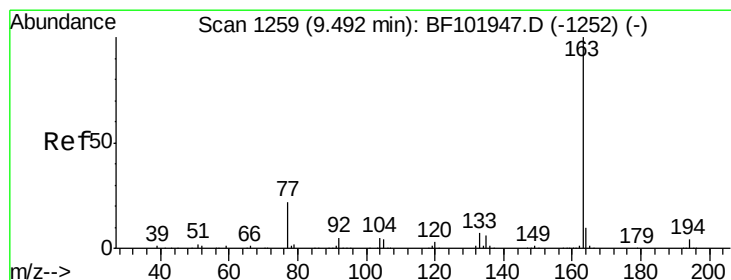
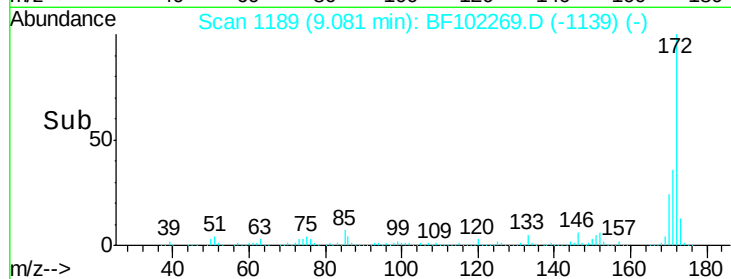
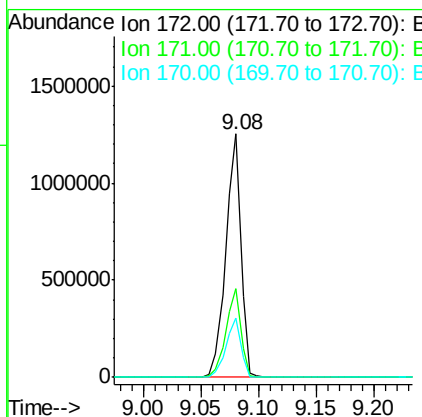
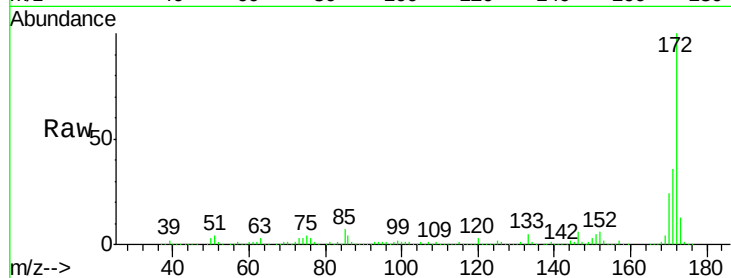




#44
2-Fluorobiphenyl
Concen: 76.20 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102269.D
Acq: 20 Jan 2018 16:47

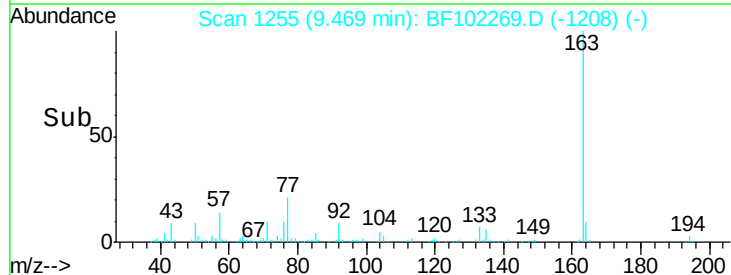
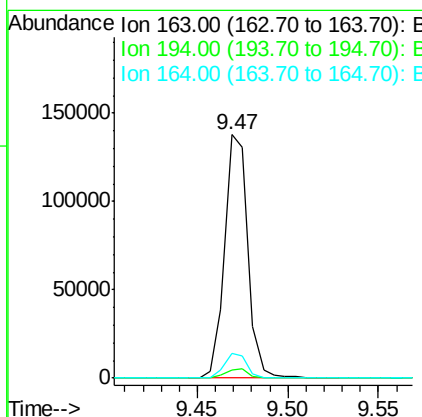
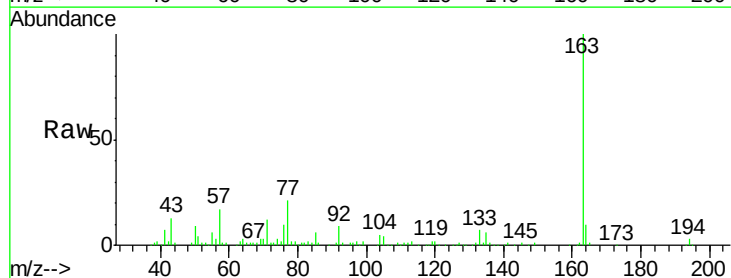
Instrument :
BNA_F
ClientSampleId :
RT-3992

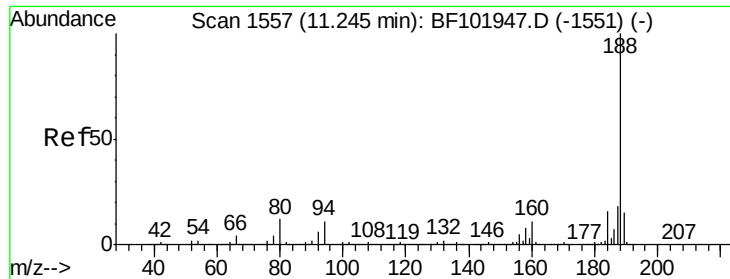
Tot Ion:172 Resp: 1137427
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 24.1 19.6 29.4



#49
Dimethylphthalate
Concen: 6.62 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102269.D
Acq: 20 Jan 2018 16:47

Tgt Ion:163 Resp: 123893
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.1 8.2 12.2

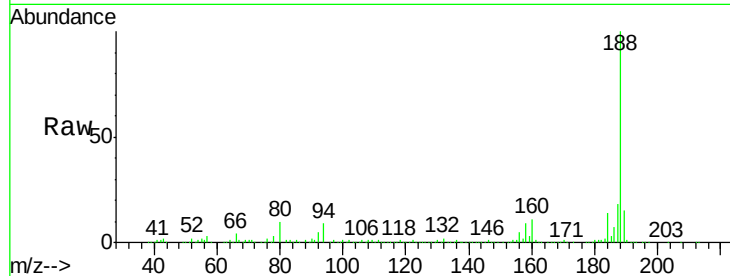




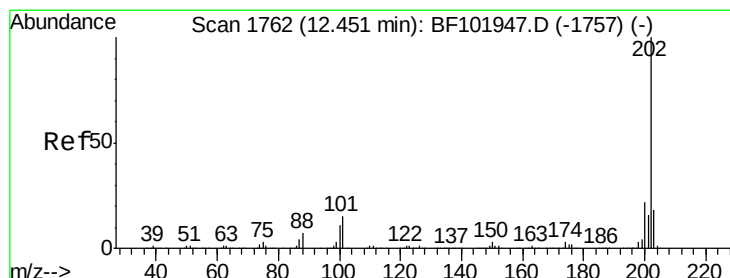
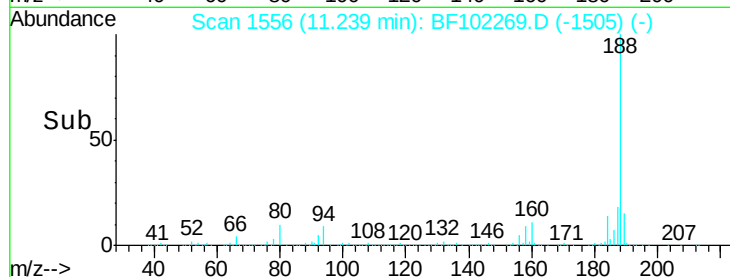
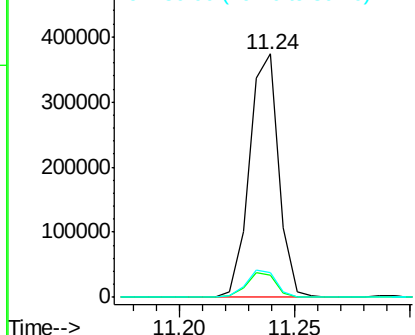
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102269.D
Acq: 20 Jan 2018 16:47

Instrument :
BNA_F
ClientSampleId :
RT-3992

Tot Ion:188 Resp: 331685
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 10.0 9.2 13.8

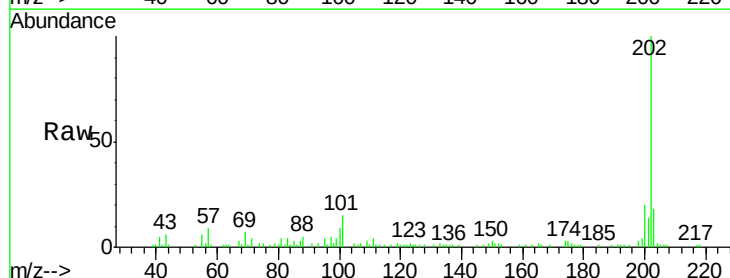


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

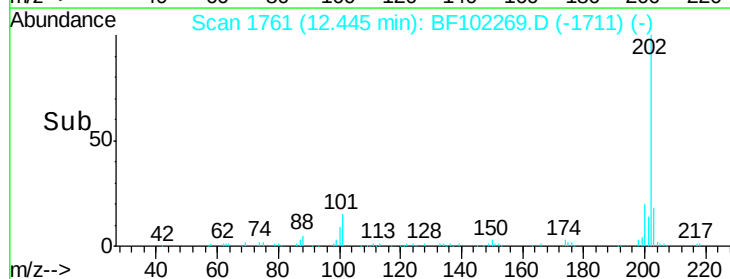
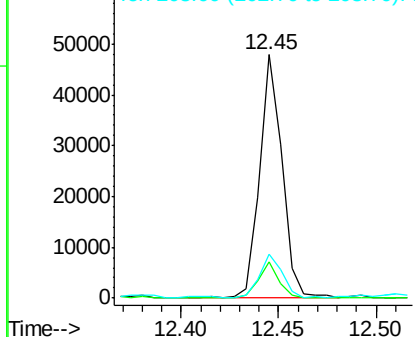


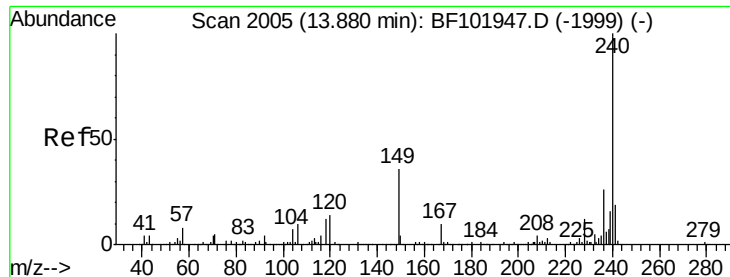
#74
Fluoranthene
Concen: 2.01 ng
RT: 12.45 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF102269.D
Acq: 20 Jan 2018 16:47

Tgt Ion:202 Resp: 38259
Ion Ratio Lower Upper
202 100
101 14.8 0.0 34.1
203 18.3 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102269.D

Acq: 20 Jan 2018 16:47

Instrument :

BNA_F

ClientSampleId :

RT-3992

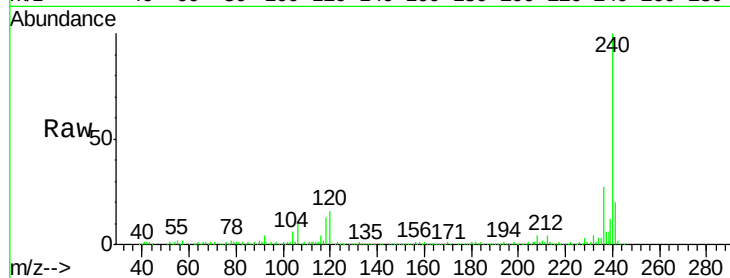
Tot Ion:240 Resp: 284238

Ion Ratio Lower Upper

240 100

120 15.7 9.5 14.3#

236 27.0 20.7 31.1

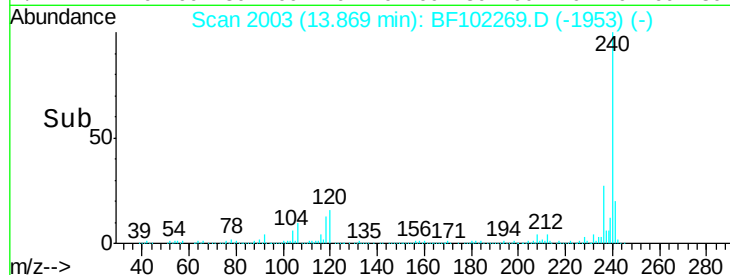


Abundance Ion 240.00 (239.70 to 240.70): E

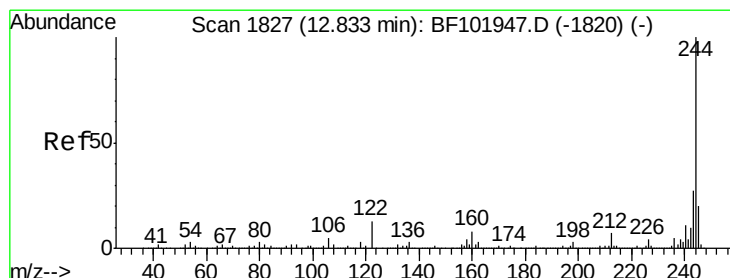
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.87



Time-->



#78

Terphenyl-d14

Concen: 55.47 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102269.D

Acq: 20 Jan 2018 16:47

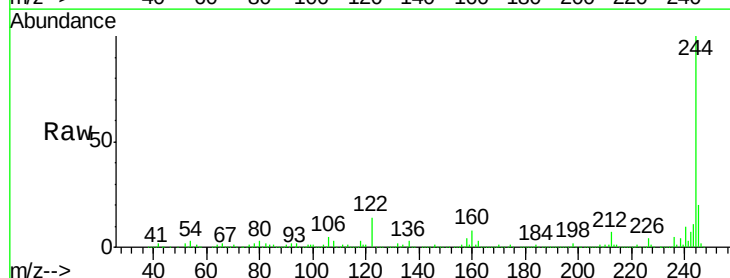
Tgt Ion:244 Resp: 759360

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

122 14.5 11.0 16.4

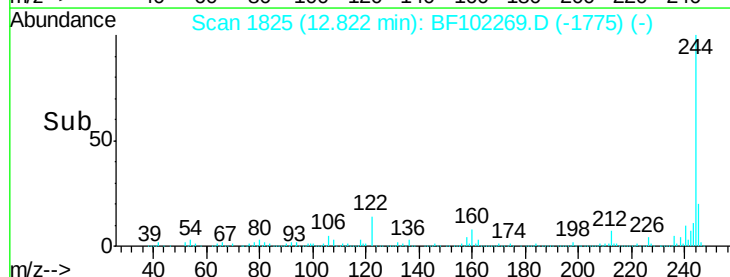


Abundance Ion 244.00 (243.70 to 244.70): E

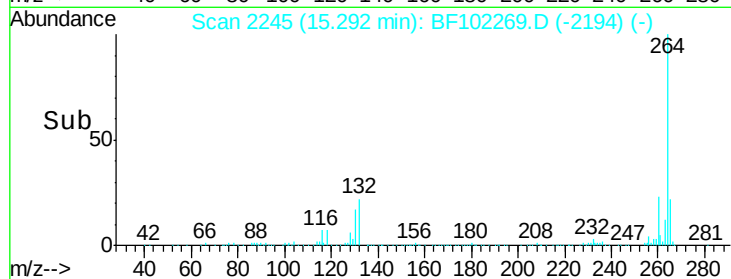
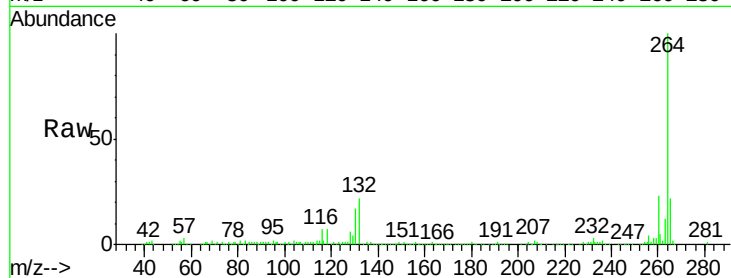
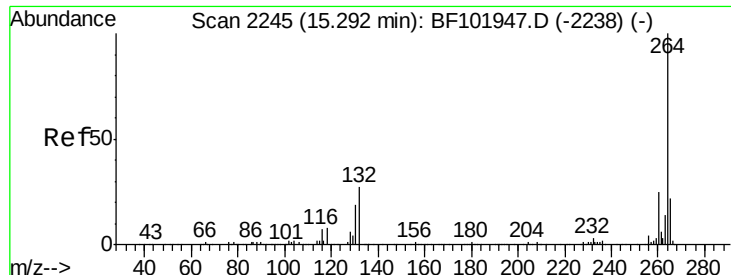
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.82



Time-->



#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.29 min Scan# 2245

Delta R.T. 0.00 min

Lab File: BF102269.D

Acq: 20 Jan 2018 16:47

Instrument :

BNA_F

ClientSampleId :

RT-3992

Tot Ion:264 Resp: 248919

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.7 17.5 26.3

