

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
 Data File : BF104679.D
 Acq On : 20 Apr 2018 17:27
 Operator : JU/SJ
 Sample : J2461-01 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N-P001-S002-0001-01

Quant Time: Apr 21 04:12:44 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 20 14:49:55 2018
 Response via : Initial Calibration

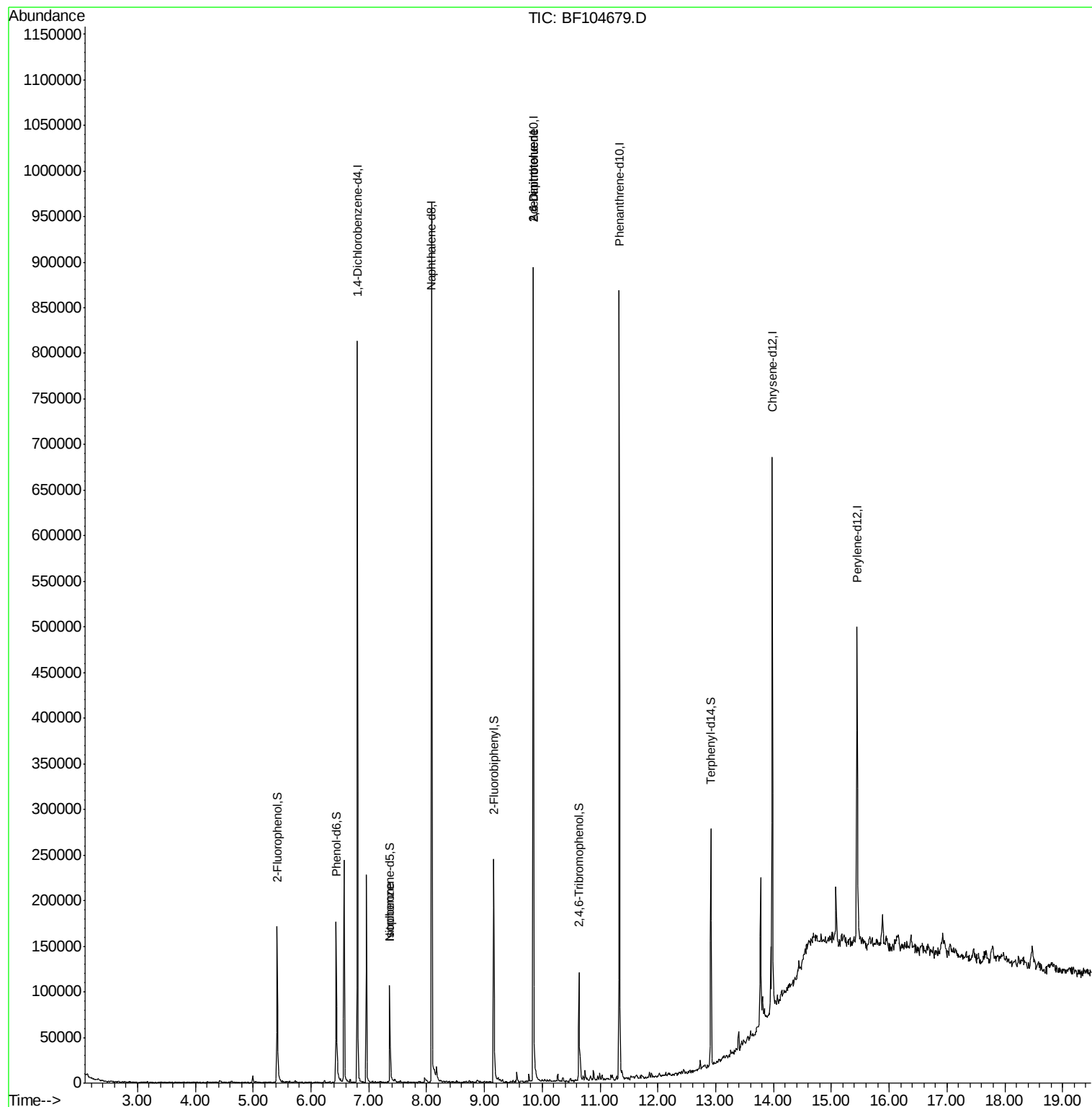
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	115489	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	415991	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	176785	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	294712	20.00	ng	0.00
75) Chrysene-d12	13.98	240	221310	20.00	ng	0.00
86) Perylene-d12	15.44	264	159989	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	65221	8.64	ng	0.00
7) Phenol-d6	6.44	99	80299	8.65	ng	0.00
23) Nitrobenzene-d5	7.36	82	41131	6.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	14633	7.98	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	90572	8.09	ng	0.00
78) Terphenyl-d14	12.92	244	81597	8.41	ng	0.00
Target Compounds						
9) Benzaldehyde	6.51	77	108	Below Cal	#	1
25) Isophorone	7.36	82	41137	3.054	ng	# 64
50) 2,6-Dinitrotoluene	9.85	165	22387	8.678	ng	# 26
56) 2,4-Dinitrotoluene	9.85	165	22497	6.649	ng	# 23
76) Benzidine	12.92	184	1011	Below Cal	#	71

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
Data File : BF104679.D
Acq On : 20 Apr 2018 17:27
Operator : JU/SJ
Sample : J2461-01 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01

Quant Time: Apr 21 04:12:44 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 20 14:49:55 2018
Response via : Initial Calibration



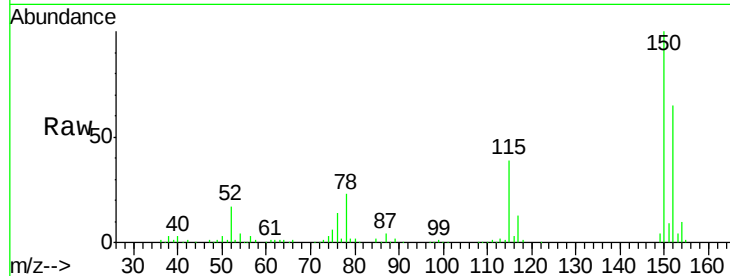


#1

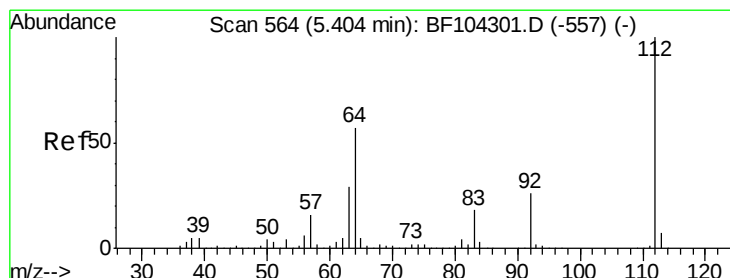
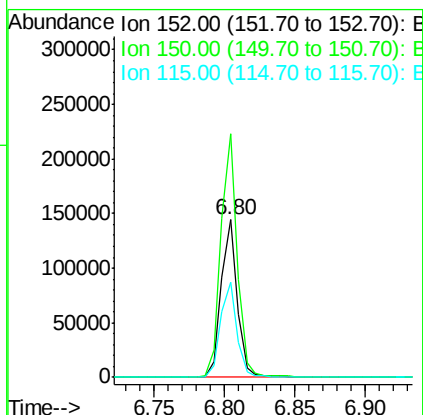
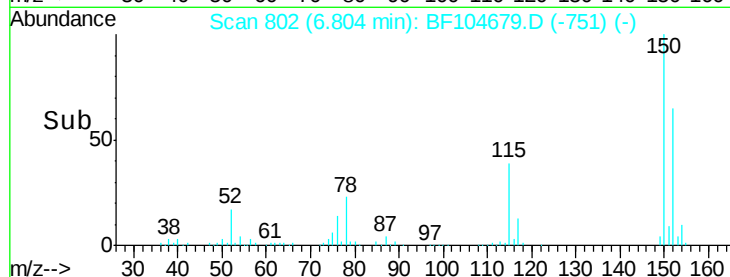
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104679.D
Acq: 20 Apr 2018 17:27

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01

Tot Ion:152 Resp: 115489
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 60.6 50.1 75.1



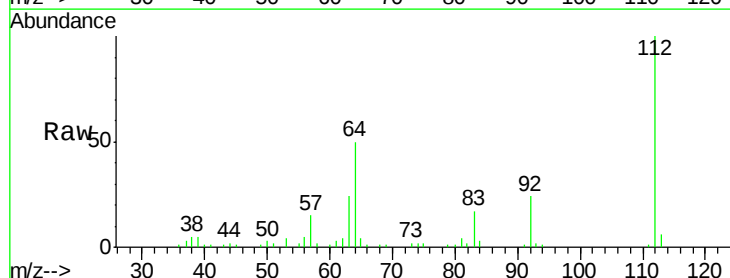
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



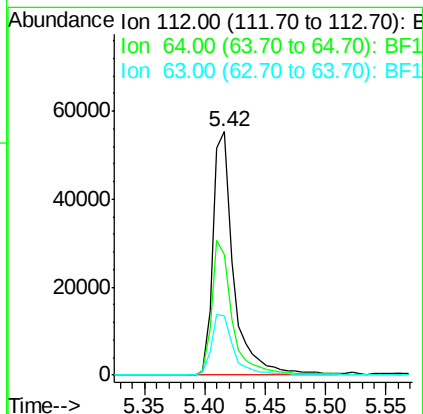
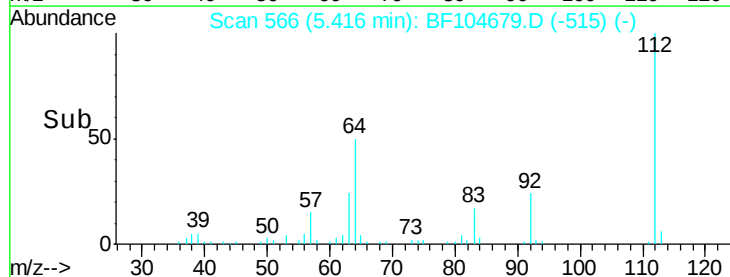
#5

2-Fluorophenol
Concen: 8.635 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF104679.D
Acq: 20 Apr 2018 17:27

Tgt Ion:112 Resp: 65221
Ion Ratio Lower Upper
112 100
64 49.5 47.9 71.9
63 24.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 8.653 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104679.D

Acq: 20 Apr 2018 17:27

Instrument :

BNA_F

ClientSampleId :

N-P001-S002-0001-01

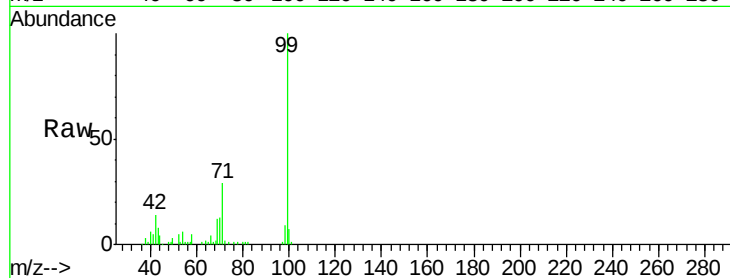
Tot Ion: 99 Resp: 80299

Ion Ratio Lower Upper

99 100

42 14.5 14.5 21.7#

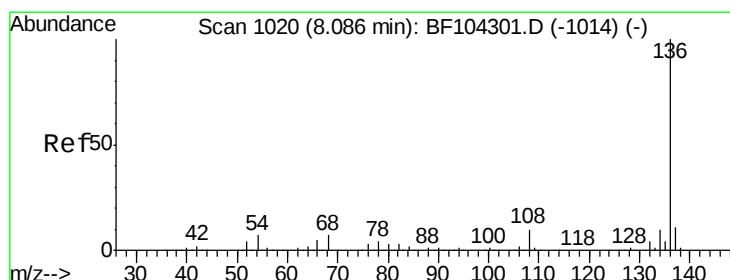
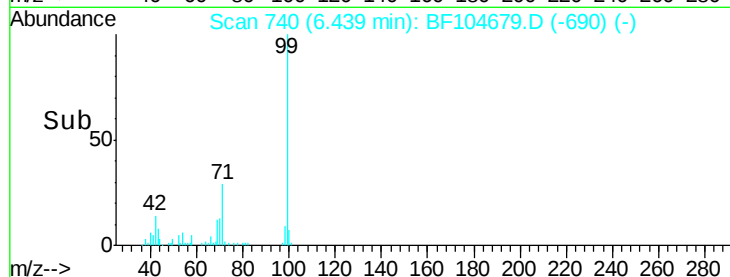
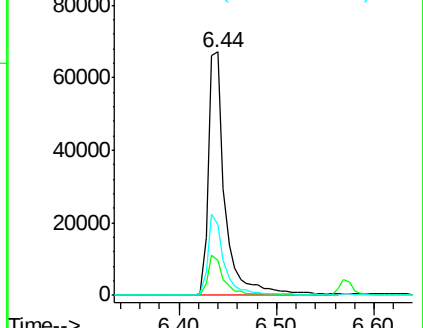
71 28.9 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF104679.D

Acq: 20 Apr 2018 17:27

Tgt Ion: 136 Resp: 415991

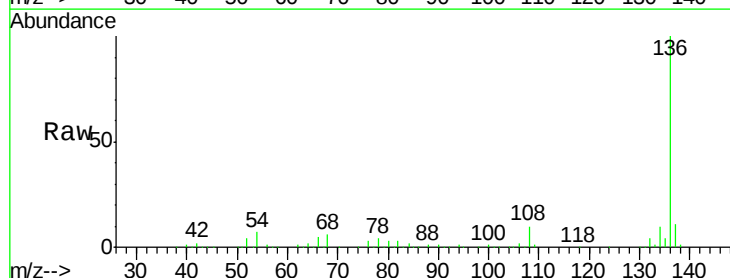
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.0 6.6 9.8

68 6.3 5.0 7.4

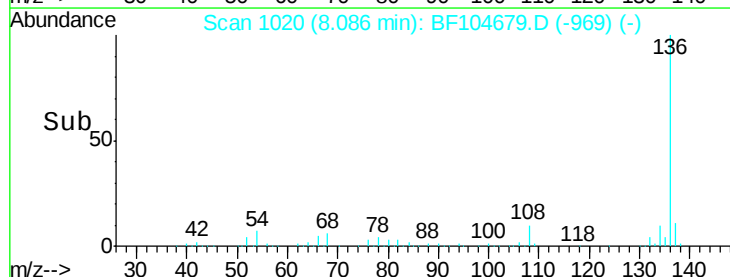
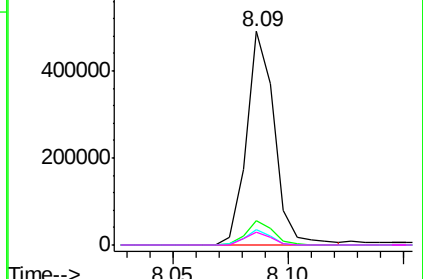


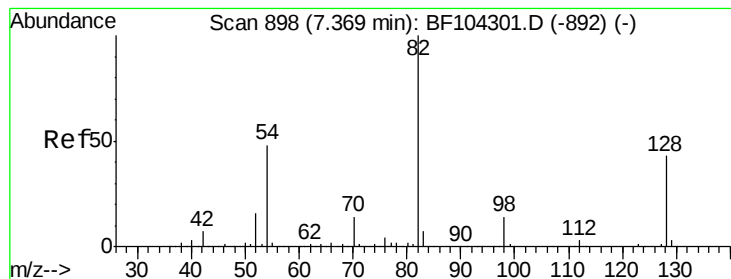
Abundance Ion 136.00 (135.70 to 136.70): E

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: 6.456 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF104679.D

Acq: 20 Apr 2018 17:27

Instrument :

BNA_F

ClientSampleId :

N-P001-S002-0001-01

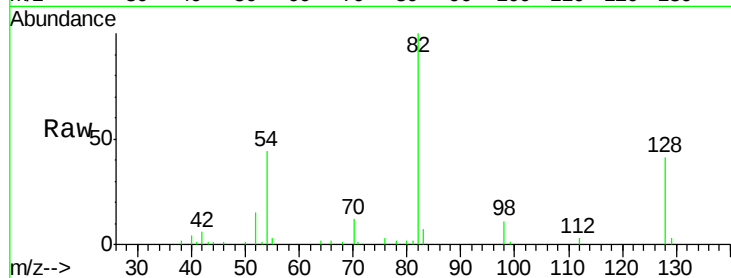
Tot Ion: 82 Resp: 41131

Ion Ratio Lower Upper

82 100

128 41.0 36.1 54.1

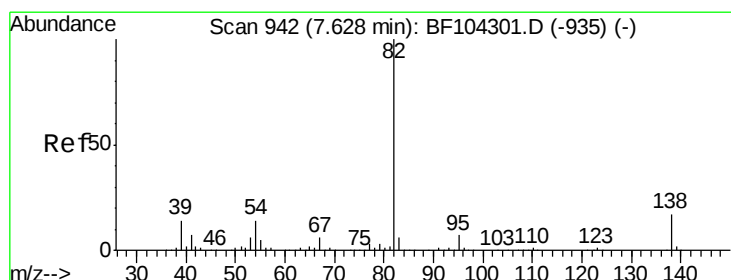
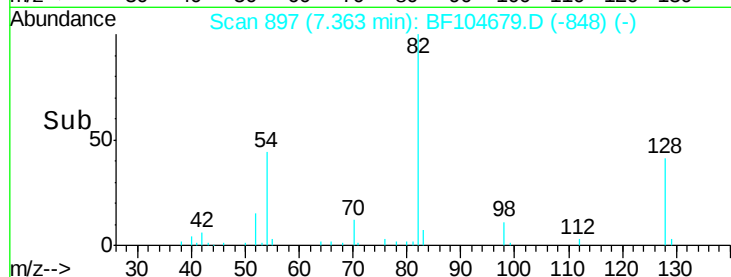
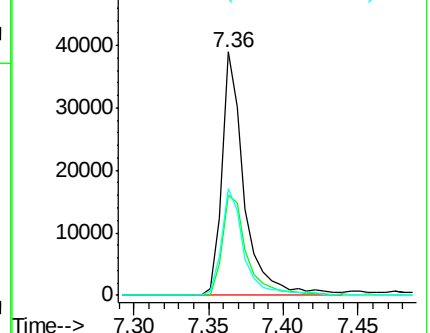
54 43.7 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 3.054 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF104679.D

Acq: 20 Apr 2018 17:27

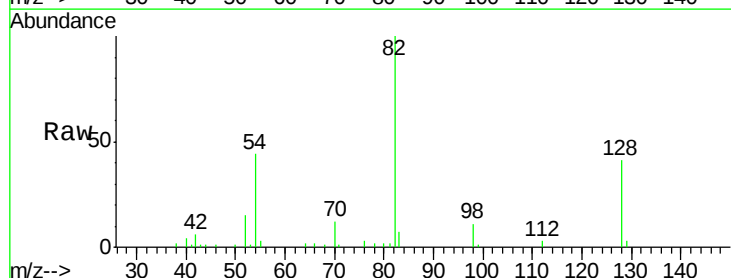
Tgt Ion: 82 Resp: 41137

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

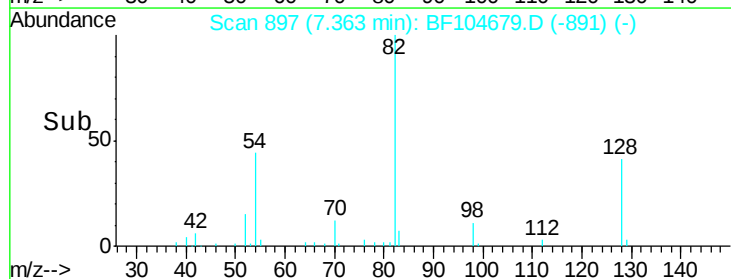
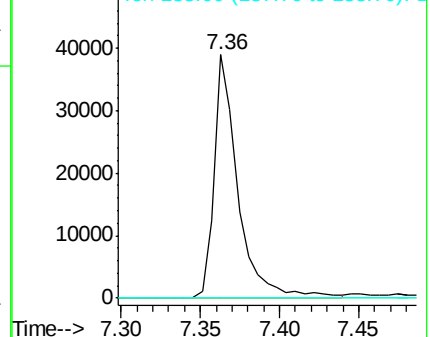
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

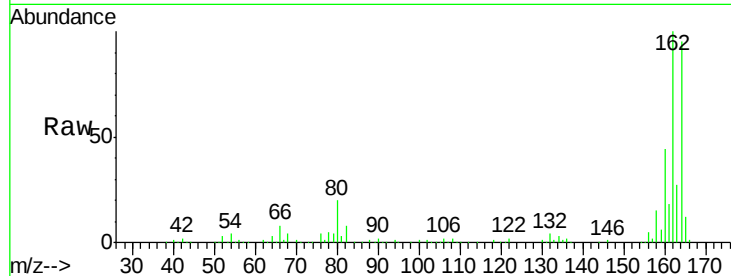




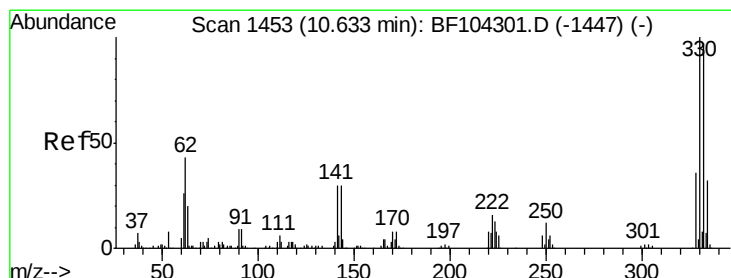
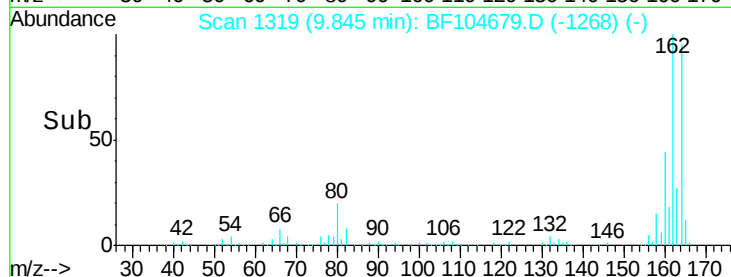
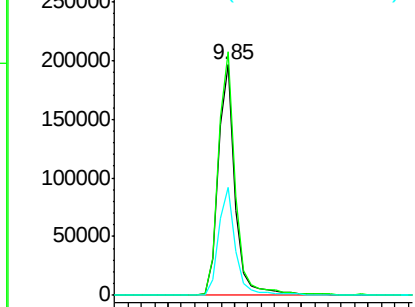
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF104679.D
 Acq: 20 Apr 2018 17:27

Instrument :
 BNA_F
 ClientSampleId :
 N-P001-S002-0001-01

Tot Ion:164 Resp: 176785
 Ion Ratio Lower Upper
 164 100
 162 105.7 86.1 129.1
 160 46.9 38.3 57.5

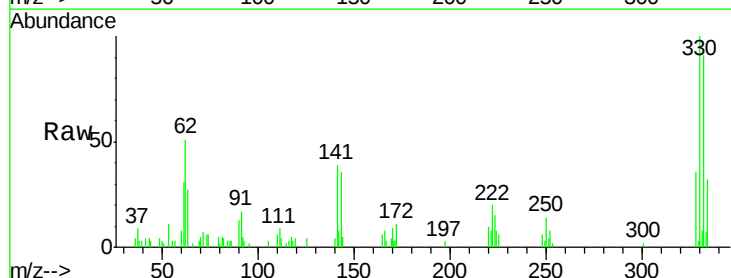


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

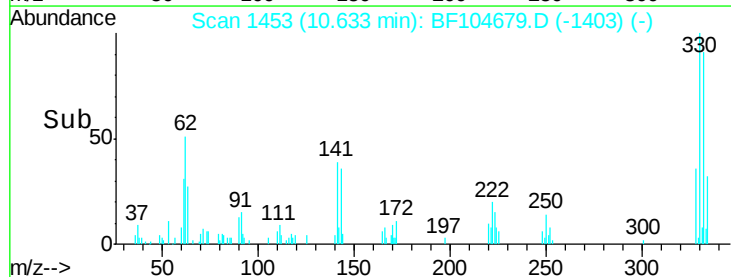
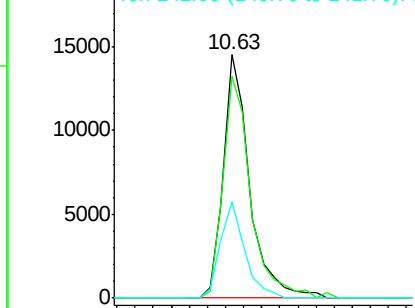


#41
 2,4,6-Tribromophenol
 Concen: 7.979 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104679.D
 Acq: 20 Apr 2018 17:27

Tgt Ion:330 Resp: 14633
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 36.6 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

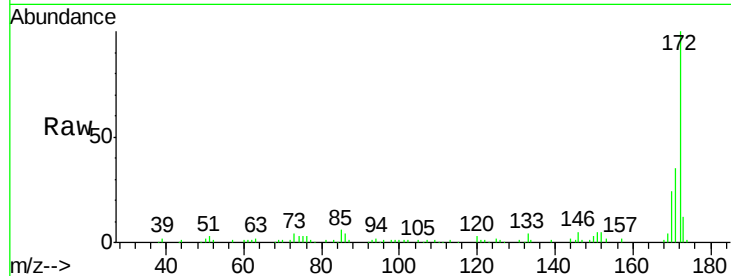




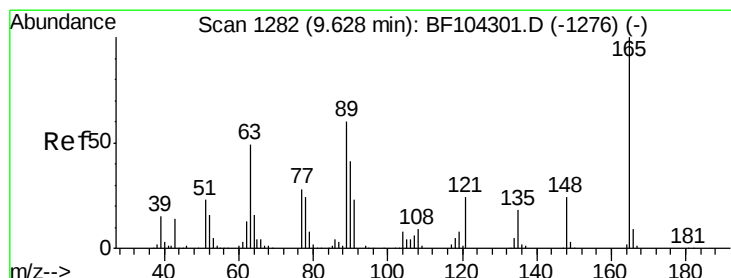
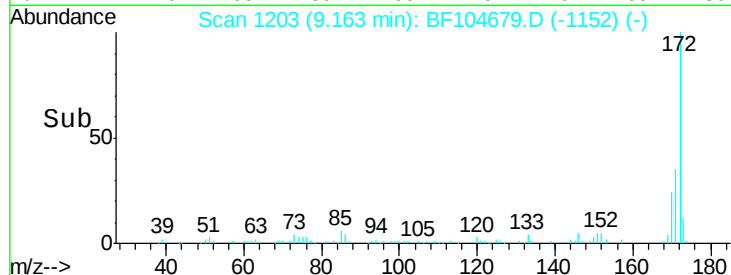
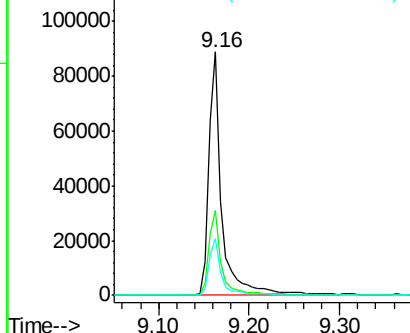
#44
 2-Fluorobiphenyl
 Concen: 8.094 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF104679.D
 Acq: 20 Apr 2018 17:27

Instrument :
 BNA_F
 ClientSampleId :
 N-P001-S002-0001-01

Tot Ion:172 Resp: 90572
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.7 44.5
 170 23.6 19.6 29.4

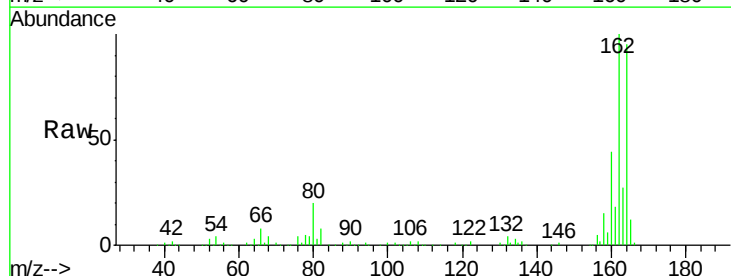


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

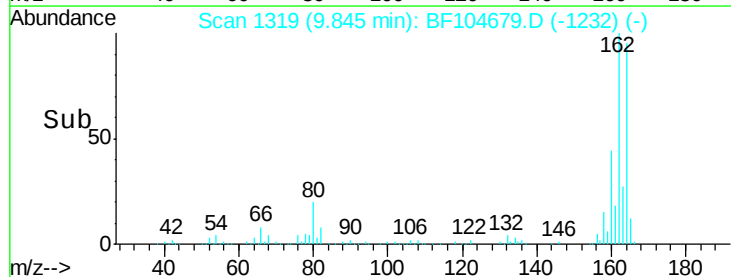
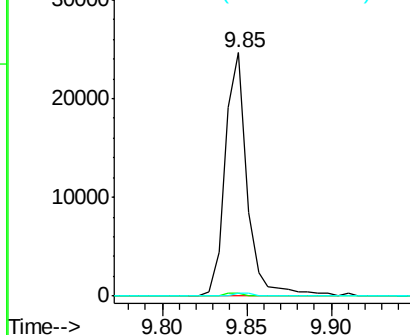


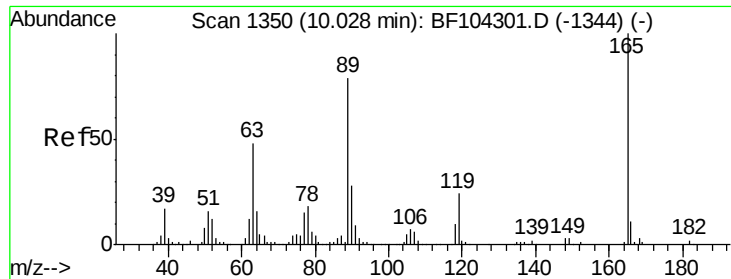
#50
 2,6-Dinitrotoluene
 Concen: 8.678 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.21 min
 Lab File: BF104679.D
 Acq: 20 Apr 2018 17:27

Tgt Ion:165 Resp: 22387
 Ion Ratio Lower Upper
 165 100
 63 1.3 44.7 67.1#
 89 1.5 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

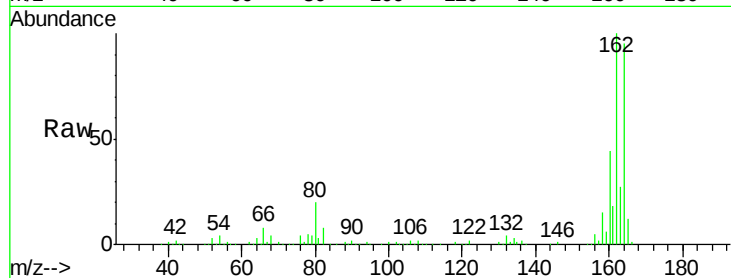




#56
 2,4-Dinitrotoluene
 Concen: 6.649 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.19 min
 Lab File: BF104679.D
 Acq: 20 Apr 2018 17:27

Instrument :
 BNA_F
 ClientSampleId :
 N-P001-S002-0001-01

Tot Ion:	165	Resp:	22497
Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

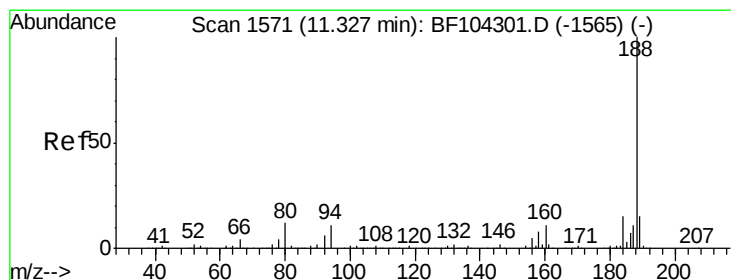
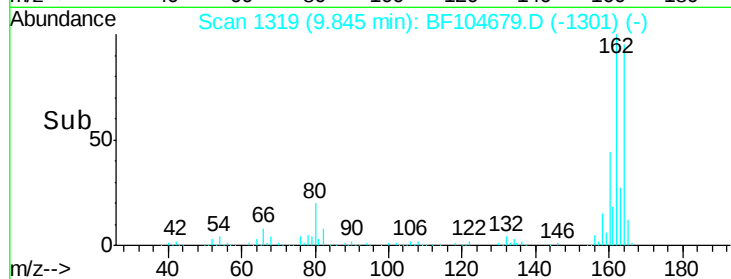
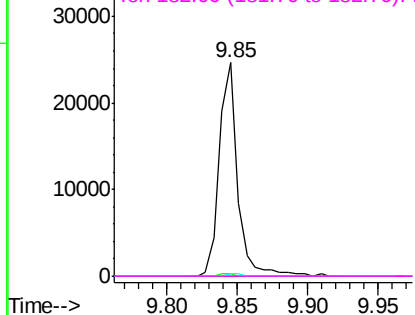


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

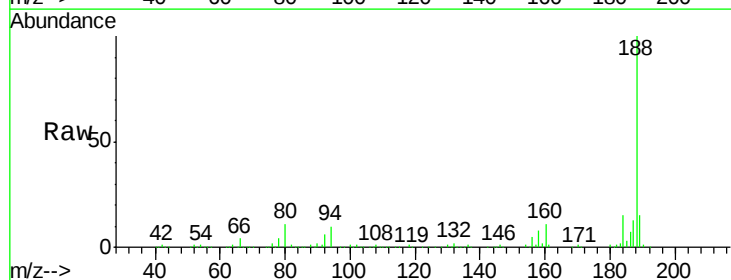
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF104679.D
 Acq: 20 Apr 2018 17:27

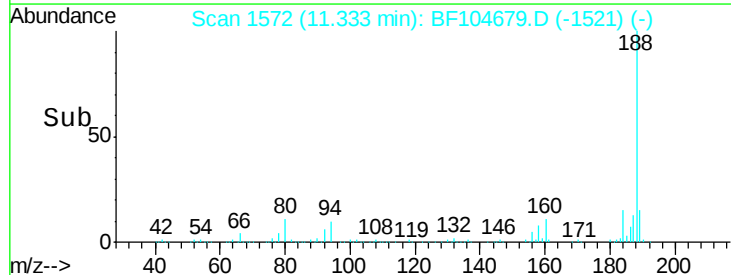
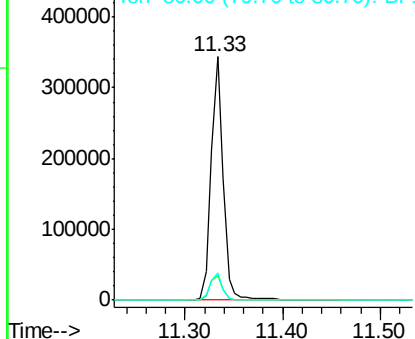
Tgt Ion:	188	Resp:	294712
Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.0	9.2	13.8

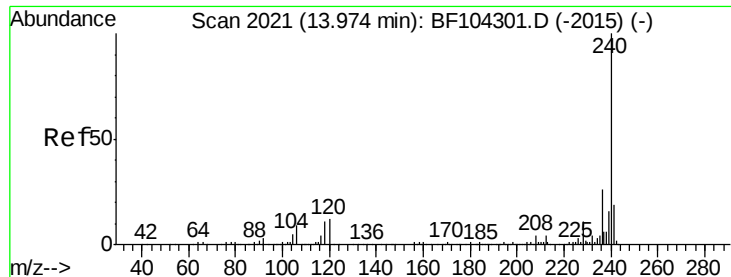


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BF104679.D

Acq: 20 Apr 2018 17:27

Instrument :

BNA_F

ClientSampleId :

N-P001-S002-0001-01

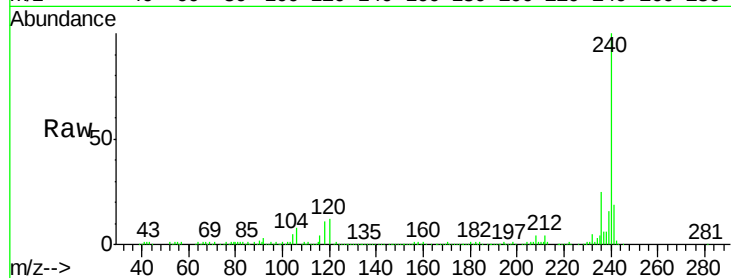
Tot Ion:240 Resp: 221310

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

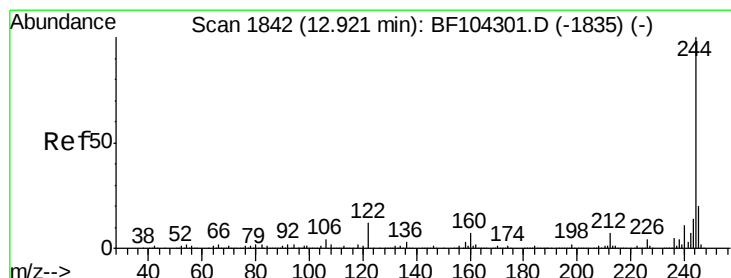
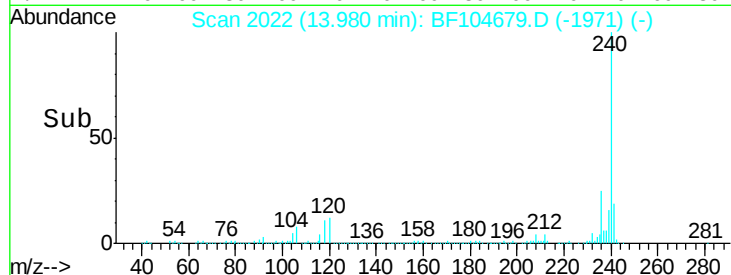
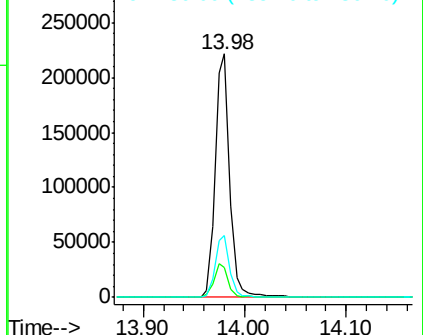
236 25.4 20.7 31.1



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



#78

Terphenyl-d14

Concen: 8.406 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF104679.D

Acq: 20 Apr 2018 17:27

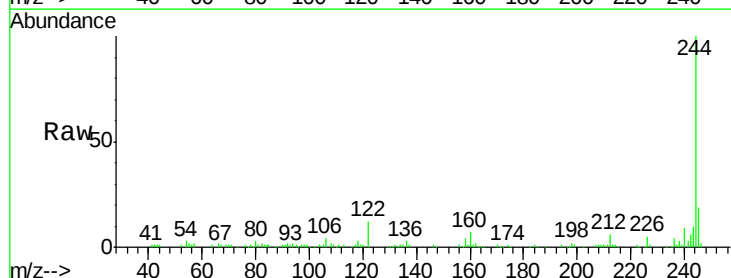
Tgt Ion:244 Resp: 81597

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

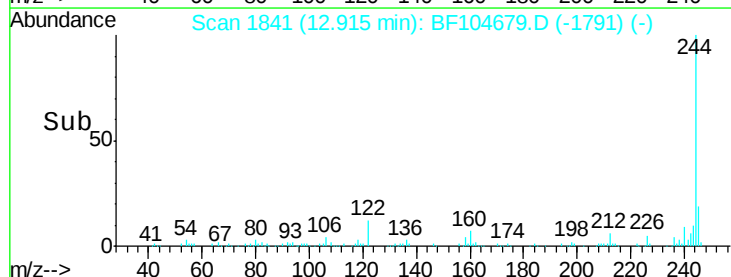
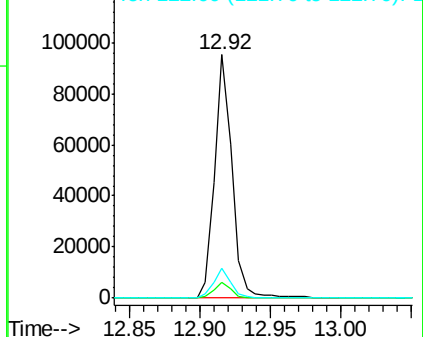
122 12.3 11.0 16.4

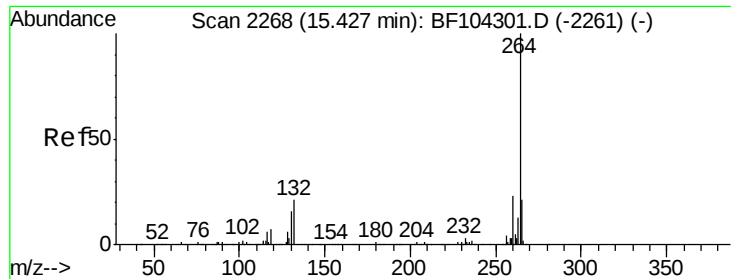


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF104679.D
Acq: 20 Apr 2018 17:27

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01

Tot Ion: 264 Resp: 159989

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.0	17.5	26.3

