

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104241.D
 Acq On : 4 Apr 2018 22:20
 Operator : JU/SJ
 Sample : J2197-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP

Quant Time: Apr 05 01:51:16 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

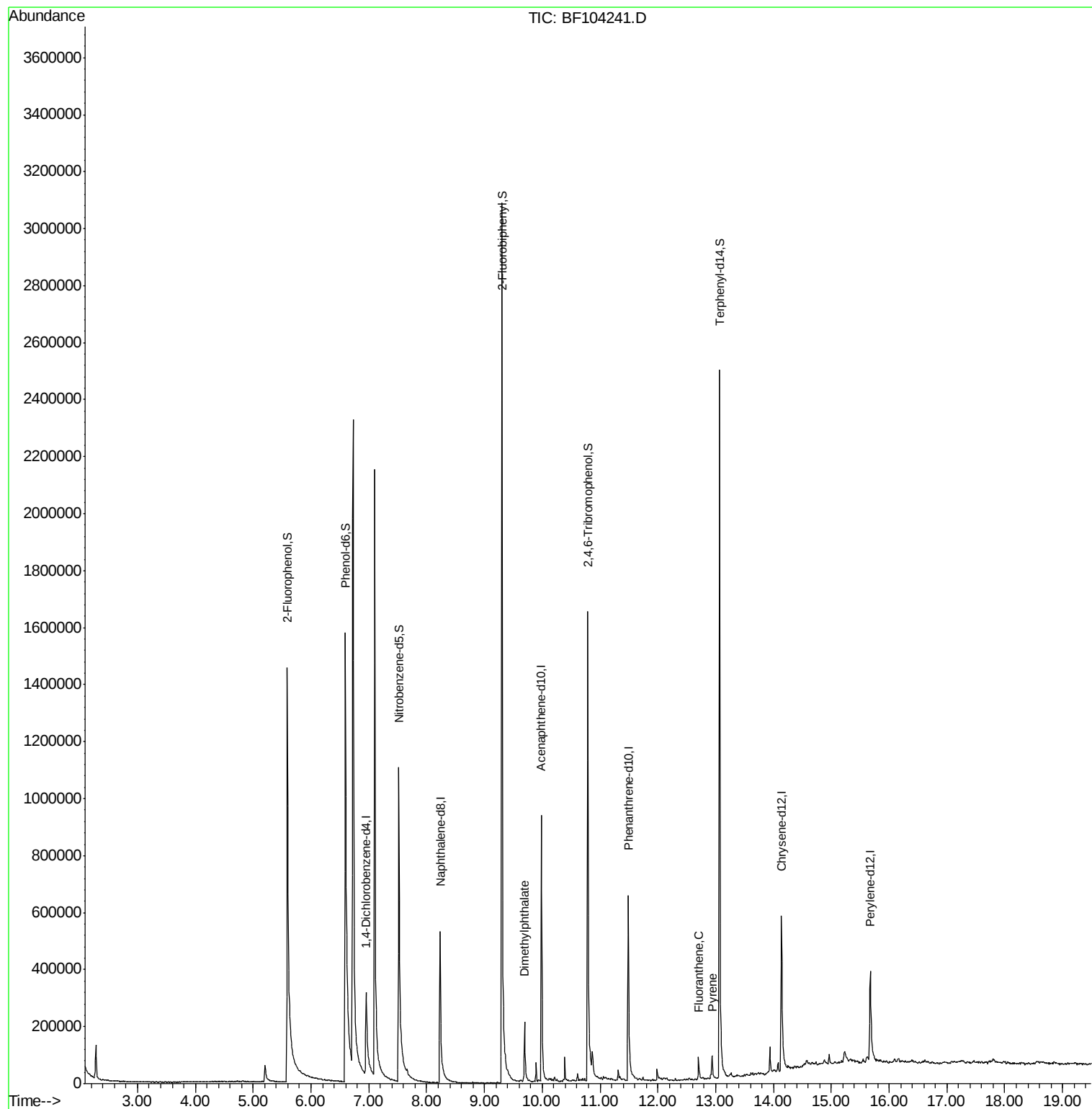
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	116221	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	507891	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	223095	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	377791	20.00	ng	0.00
75) Chrysene-d12	14.14	240	236336	20.00	ng	0.00
86) Perylene-d12	15.67	264	214442	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1009439	138.51	ng	0.00
7) Phenol-d6	6.60	99	1342476	149.73	ng	0.00
23) Nitrobenzene-d5	7.52	82	781339	94.08	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	312747	125.90	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1369732	96.82	ng	0.00
78) Terphenyl-d14	13.07	244	1059614	103.52	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.69	163	131429	7.462	ng	100
74) Fluoranthene	12.70	202	45252	2.081	ng	98
77) Pyrene	12.94	202	42142	2.481	ng	99

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

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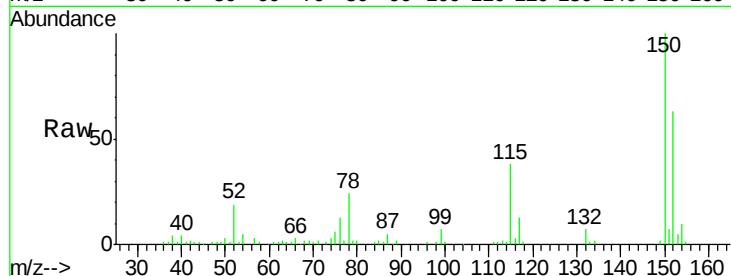


#1

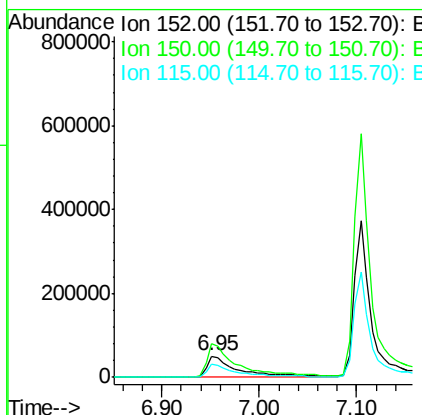
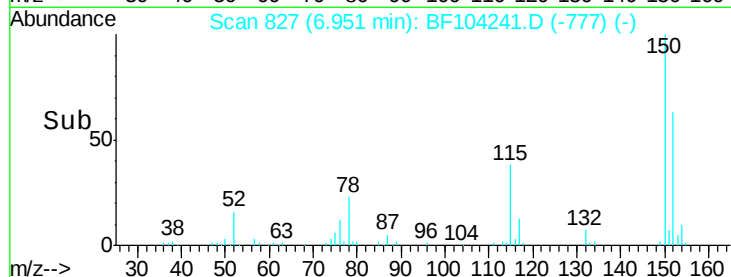
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104241.D
Acq: 4 Apr 2018 22:20

Instrument :
BNA_F
ClientSampleId :
SP

Tot Ion:152 Resp: 116221
Ion Ratio Lower Upper
152 100
150 159.6 124.6 186.8
115 61.0 50.1 75.1



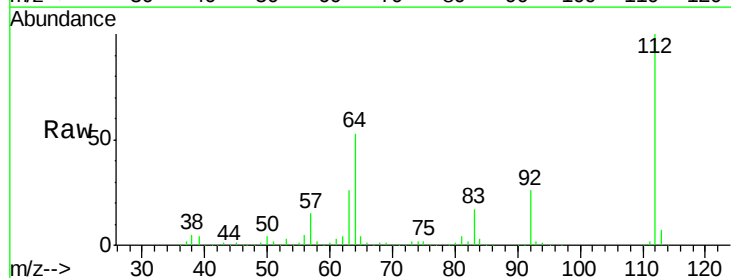
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



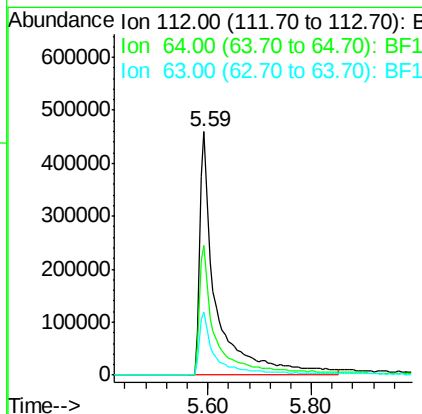
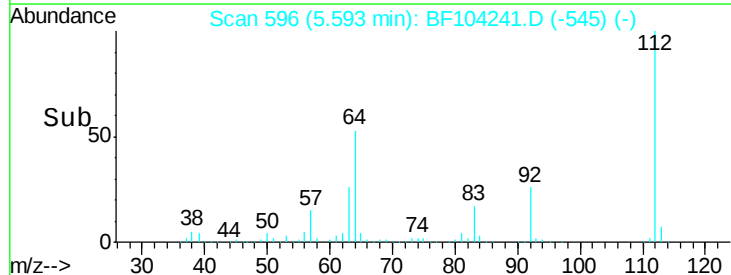
#5

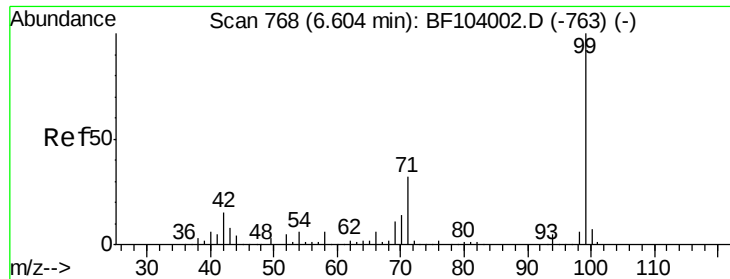
2-Fluorophenol
Concen: 138.512 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF104241.D
Acq: 4 Apr 2018 22:20

Tgt Ion:112 Resp: 1009439
Ion Ratio Lower Upper
112 100
64 53.1 47.9 71.9
63 25.9 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: 149.728 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104241.D

Acq: 4 Apr 2018 22:20

Instrument :

BNA_F

ClientSampleId :

SP

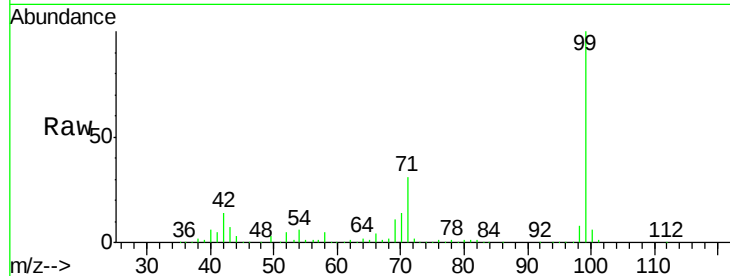
Tot Ion: 99 Resp: 1342476

Ion Ratio Lower Upper

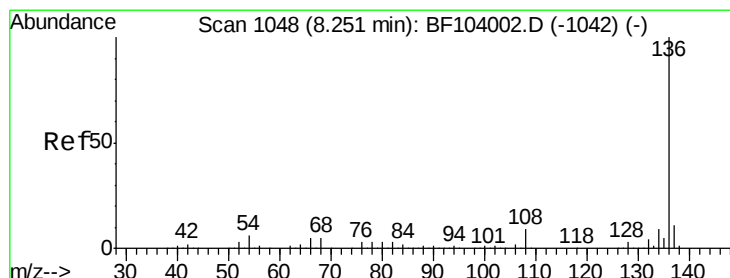
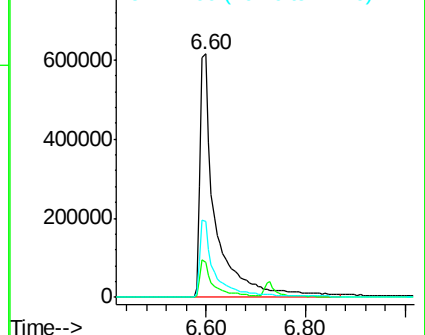
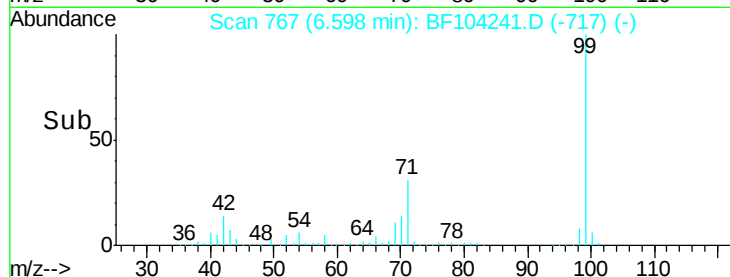
99 100

42 14.1 14.5 21.7#

71 31.1 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: 8.23 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF104241.D

Acq: 4 Apr 2018 22:20

Tgt Ion:136 Resp: 507891

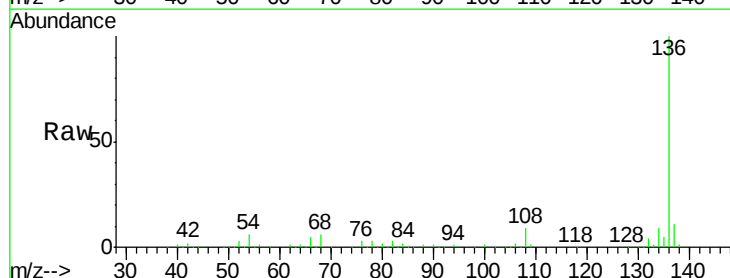
Ion Ratio Lower Upper

136 100

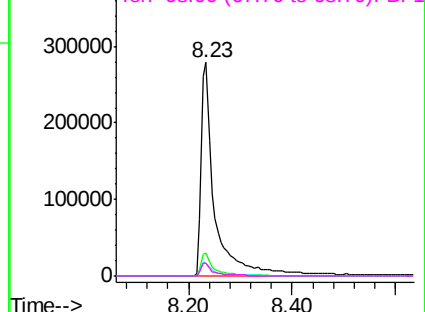
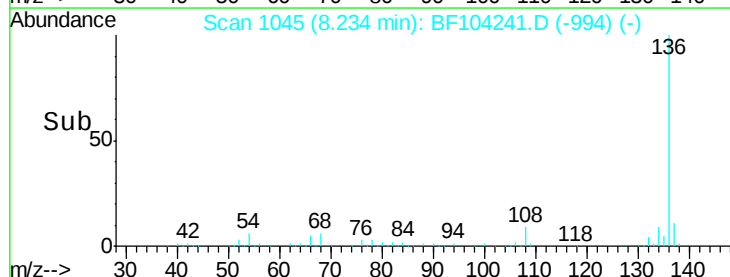
137 10.5 8.9 13.3

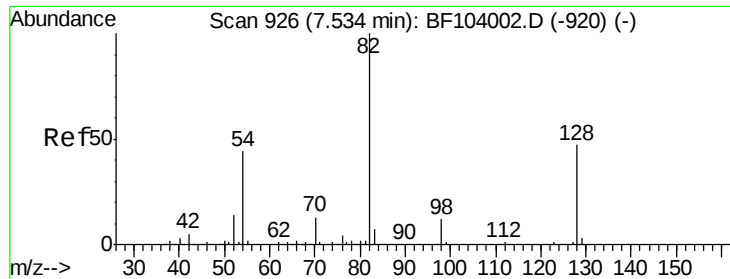
54 6.2 6.6 9.8#

68 5.8 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

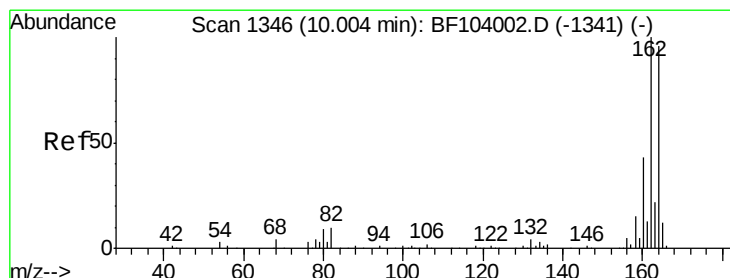
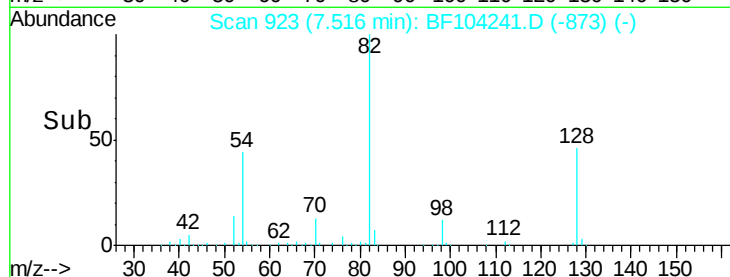
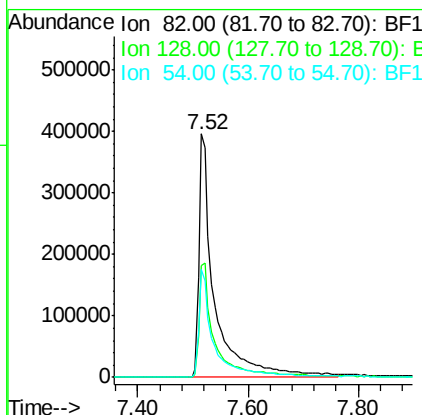
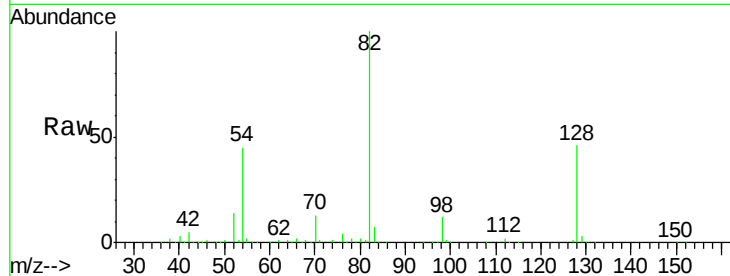




#23
Nitrobenzene-d5
Concen: 94.082 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF104241.D
Acq: 4 Apr 2018 22:20

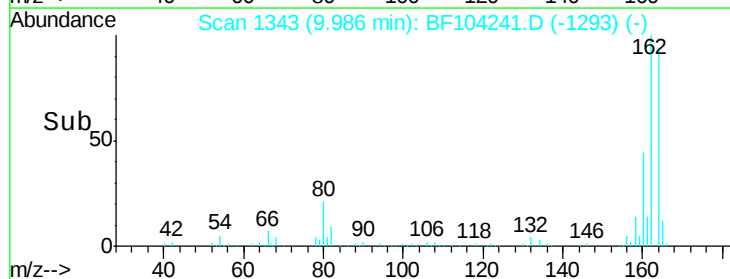
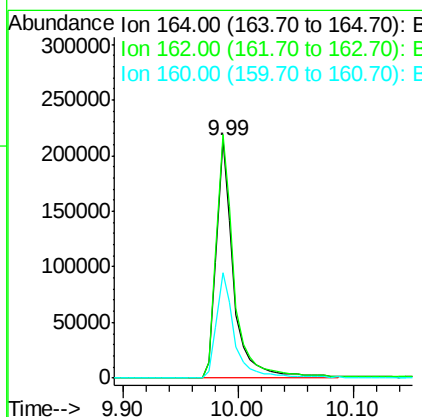
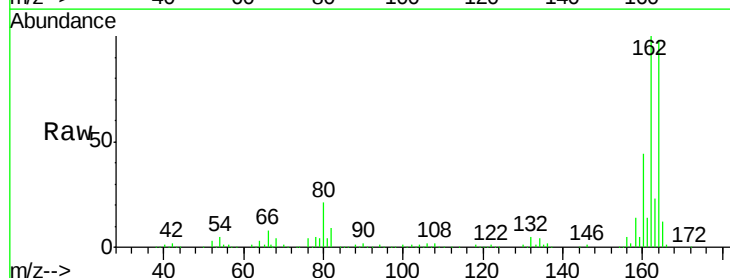
Instrument :
BNA_F
ClientSampleId :
SP

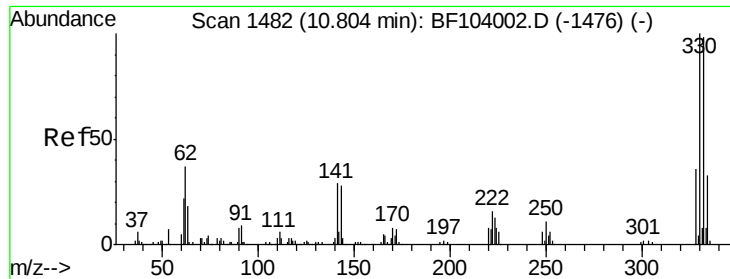
Tot Ion: 82 Resp: 781339
Ion Ratio Lower Upper
82 100
128 46.1 36.1 54.1
54 44.5 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF104241.D
Acq: 4 Apr 2018 22:20

Tgt Ion:164 Resp: 223095
Ion Ratio Lower Upper
164 100
162 102.3 86.1 129.1
160 44.5 38.3 57.5

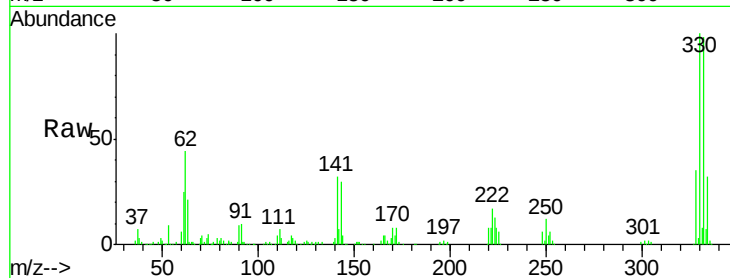




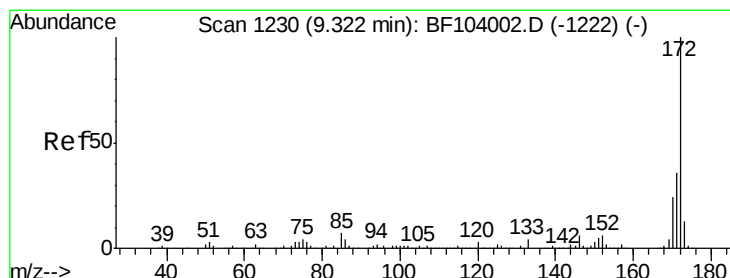
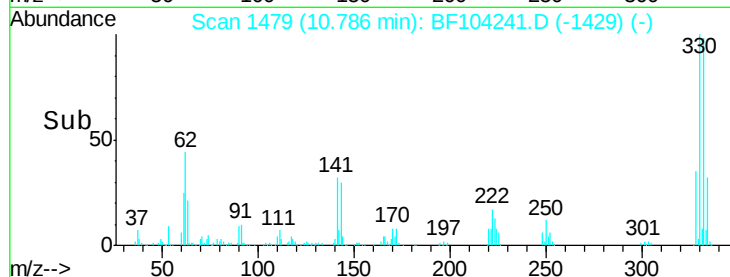
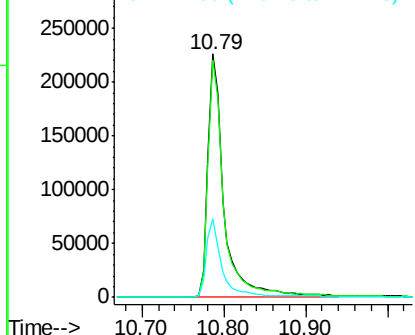
#41
 2,4,6-Tribromophenol
 Concen: 125.896 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF104241.D
 Acq: 4 Apr 2018 22:20

Instrument :
 BNA_F
 ClientSampleId :
 SP

Tot Ion:330 Resp: 312747
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 32.4 29.9 44.9

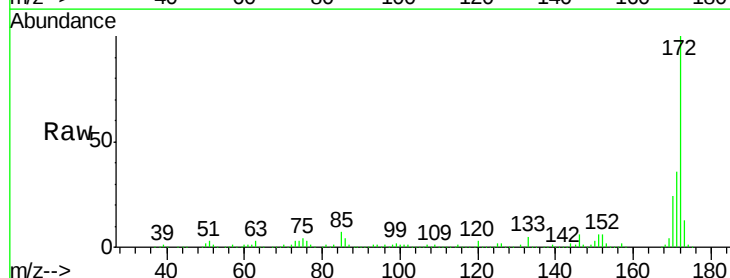


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

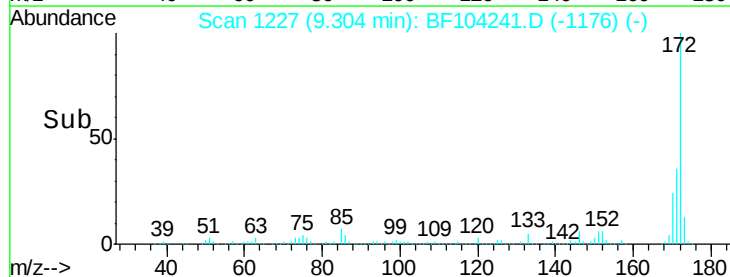
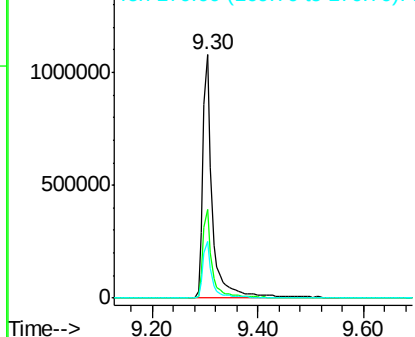


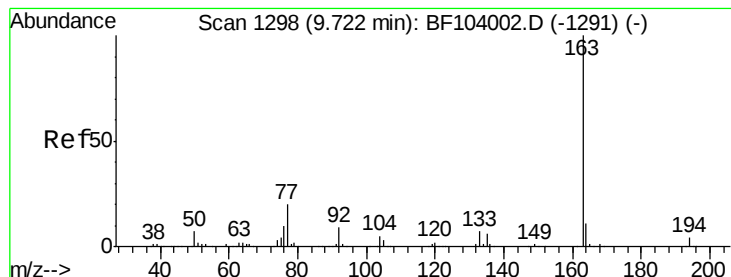
#44
 2-Fluorobiphenyl
 Concen: 96.818 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF104241.D
 Acq: 4 Apr 2018 22:20

Tgt Ion:172 Resp: 1369732
 Ion Ratio Lower Upper
 172 100
 171 36.2 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





#49

Dimethylphthalate

Concen: 7.462 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF104241.D

Acq: 4 Apr 2018 22:20

Instrument :

BNA_F

ClientSampled :

SP

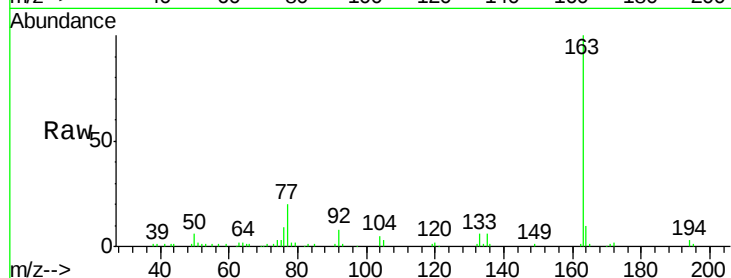
Tot Ion:163 Resp: 131429

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

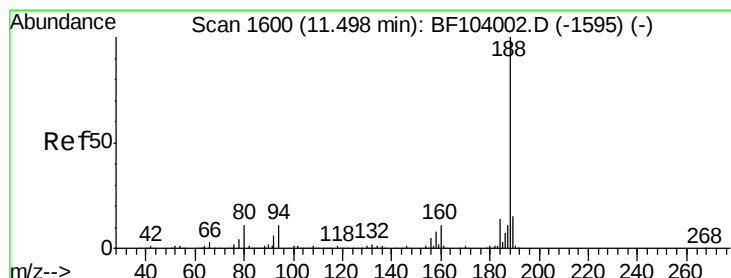
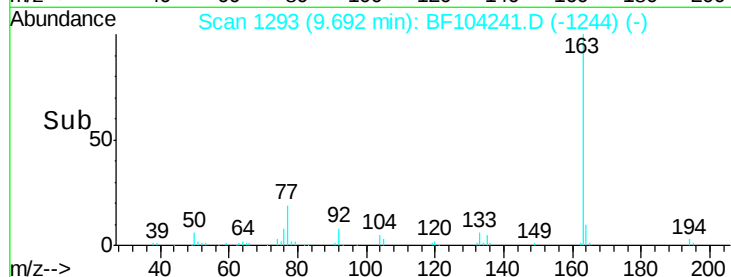
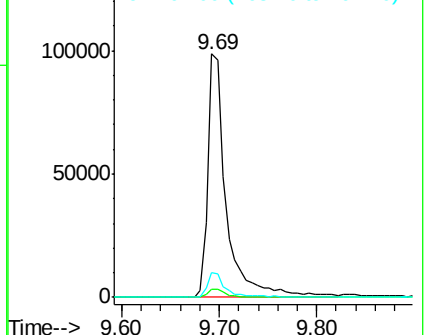
164 10.2 8.2 12.2



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: 20.000 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BF104241.D

Acq: 4 Apr 2018 22:20

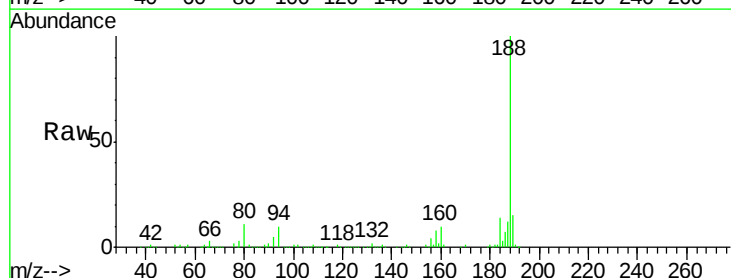
Tgt Ion:188 Resp: 377791

Ion Ratio Lower Upper

188 100

94 10.2 8.5 12.7

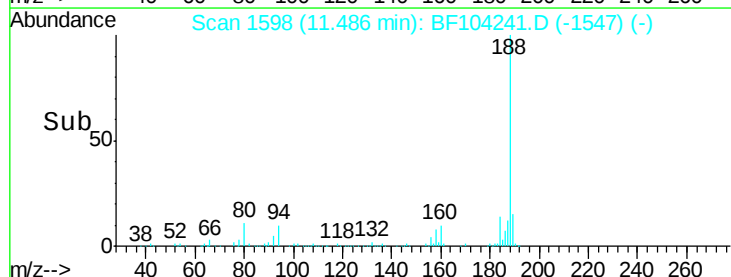
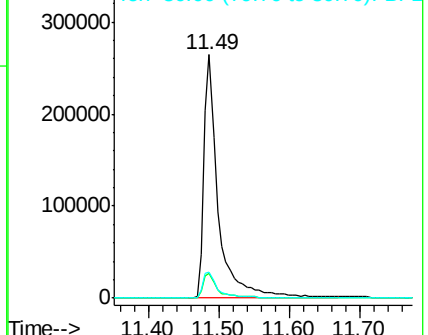
80 10.8 9.2 13.8

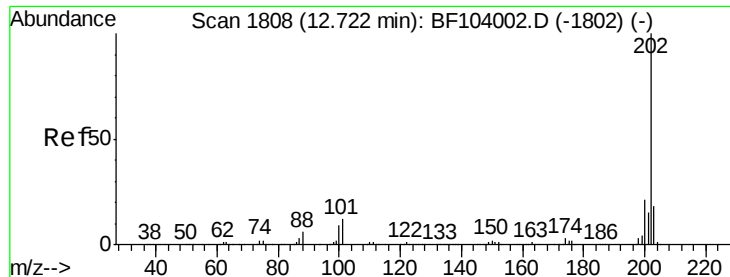


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#74

Fluoranthene

Concen: 2.081 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF104241.D

Acq: 4 Apr 2018 22:20

Instrument :

BNA_F

ClientSampleId :

SP

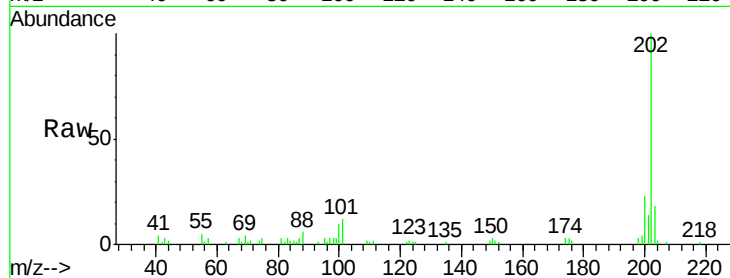
Tot Ion:202 Resp: 45252

Ion Ratio Lower Upper

202 100

101 11.9 0.0 34.1

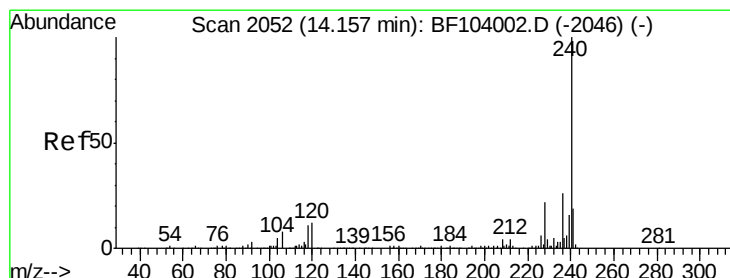
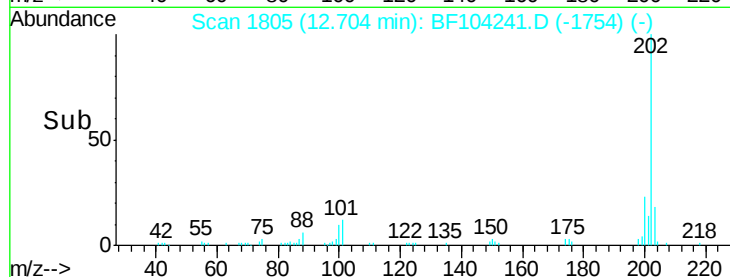
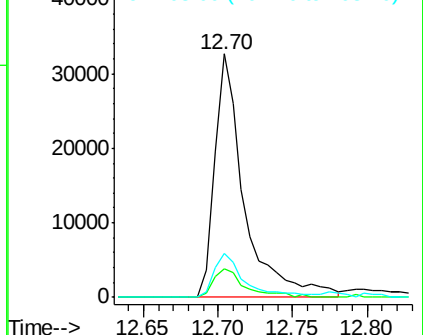
203 18.2 0.0 38.1



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: 20.000 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF104241.D

Acq: 4 Apr 2018 22:20

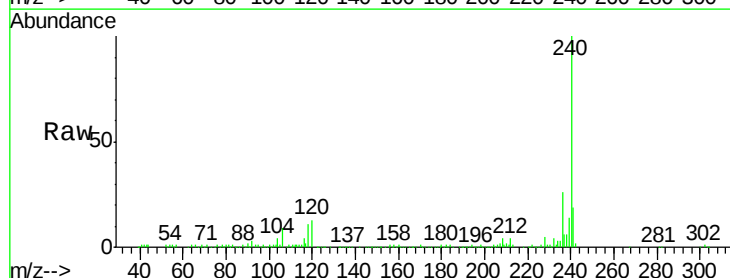
Tgt Ion:240 Resp: 236336

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

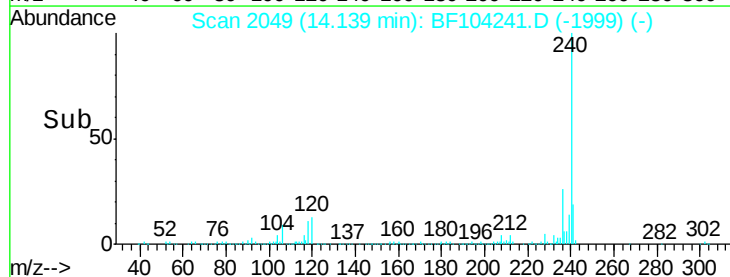
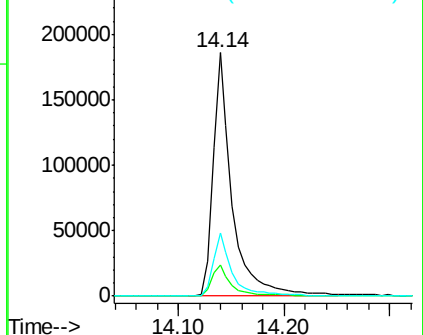
236 25.8 20.7 31.1

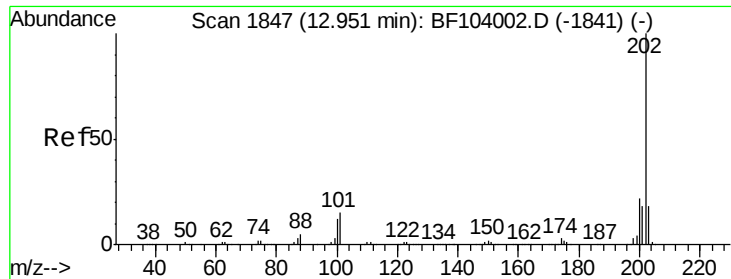


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.481 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF104241.D

Acq: 4 Apr 2018 22:20

Instrument :

BNA_F

ClientSampleId :

SP

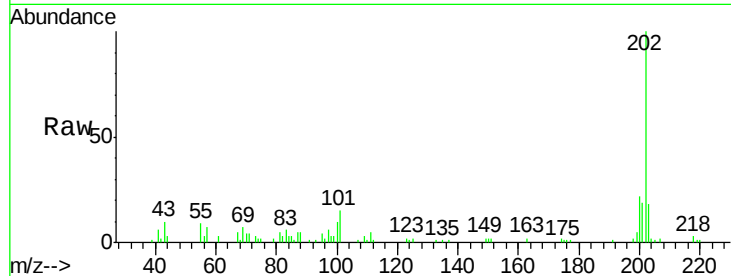
Tot Ion:202 Resp: 42142

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

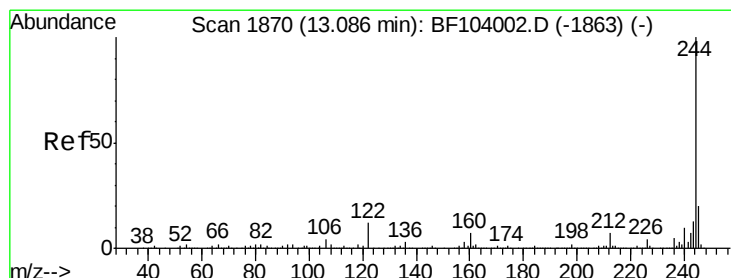
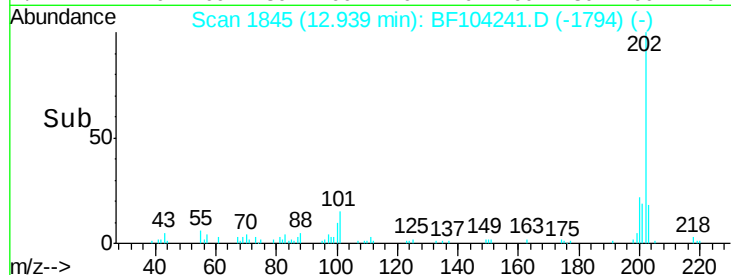
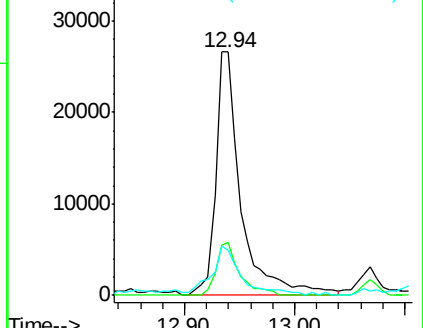
203 18.3 14.3 21.5



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: 103.522 ng

RT: 13.07 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BF104241.D

Acq: 4 Apr 2018 22:20

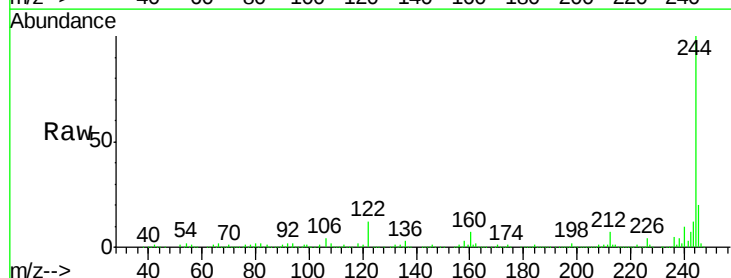
Tgt Ion:244 Resp: 1059614

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

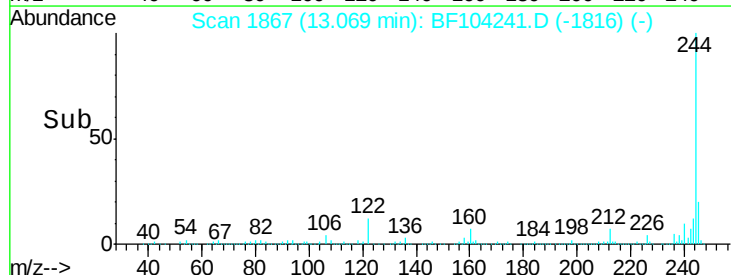
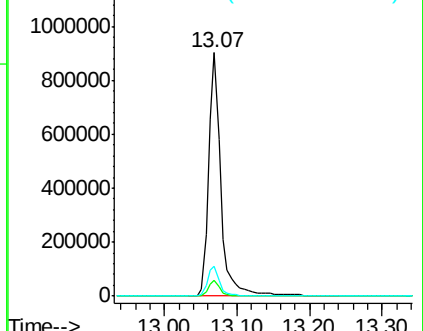
122 12.4 11.0 16.4

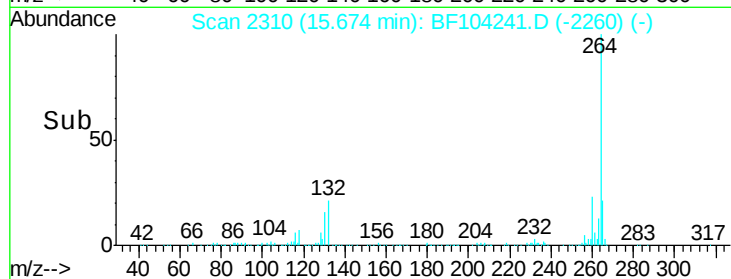
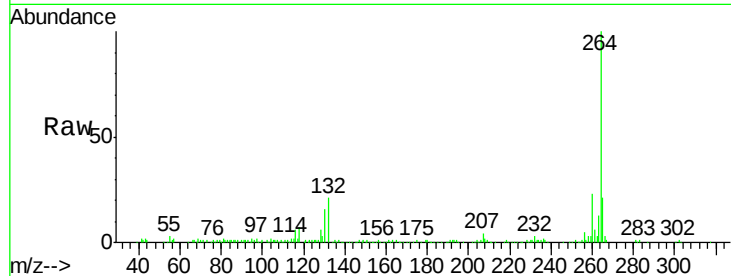
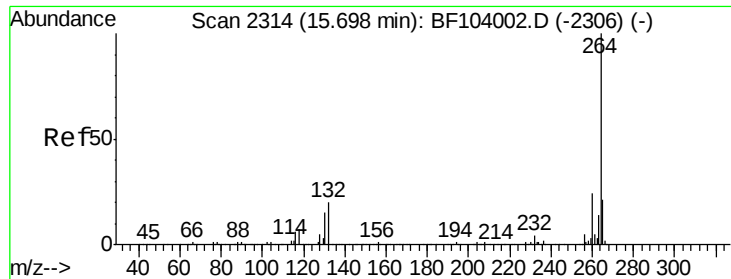


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.67 min Scan# 2310

Delta R.T. -0.01 min

Lab File: BF104241.D

Acq: 4 Apr 2018 22:20

Instrument :

BNA_F

ClientSampleId :

SP

Tot Ion:264 Resp: 214442

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.0 17.5 26.3

