

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104490.D
 Acq On : 13 Apr 2018 20:28
 Operator : JU/SJ
 Sample : J2336-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SL

Quant Time: Apr 13 23:45:19 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 17:38:31 2018
 Response via : Initial Calibration

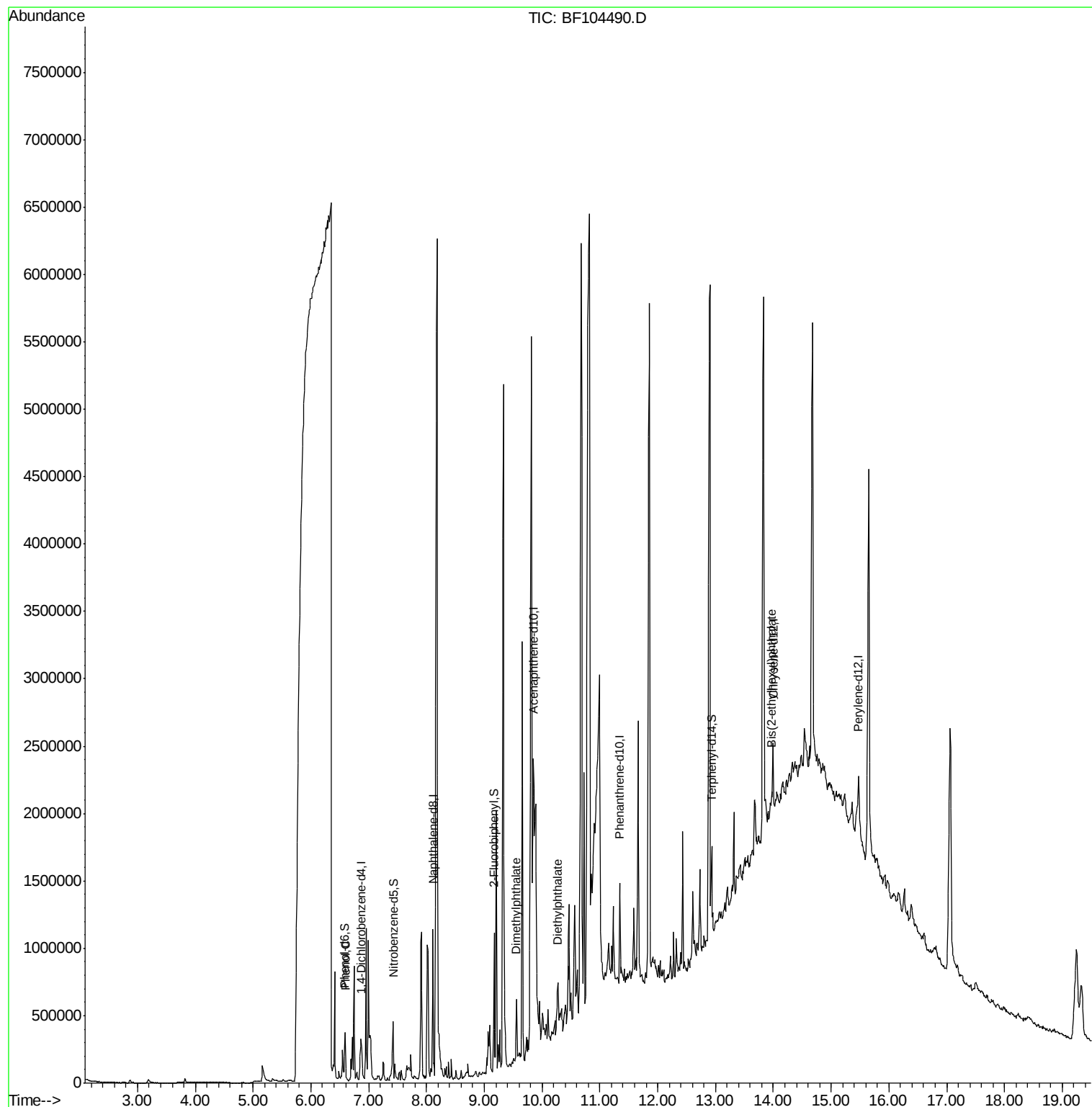
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	118543	20.00	ng	0.06
21) Naphthalene-d8	8.11	136	461955	20.00	ng	0.01
38) Acenaphthene-d10	9.85	164	164252	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	260895	20.00	ng	0.00
75) Chrysene-d12	14.00	240	197130	20.00	ng	0.00
86) Perylene-d12	15.47	264	148467	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.59	99	86592	9.09	ng	0.14
23) Nitrobenzene-d5	7.42	82	159042	22.48	ng	0.04
41) 2,4,6-Tribromophenol	10.64	330	834	0.49	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	310609	29.87	ng	0.00
78) Terphenyl-d14	12.93	244	213407	24.68	ng	0.00
Target Compounds						
10) Phenol	6.60	94	79839	7.899	ng	96
49) Dimethylphthalate	9.56	163	79641	6.149	ng	# 99
59) Diethylphthalate	10.26	149	70014	5.427	ng	98
83) Bis(2-ethylhexyl)phthalate	13.97	149	67503	7.624	ng	96

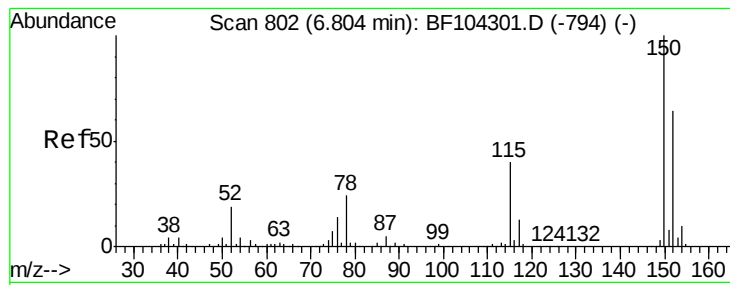
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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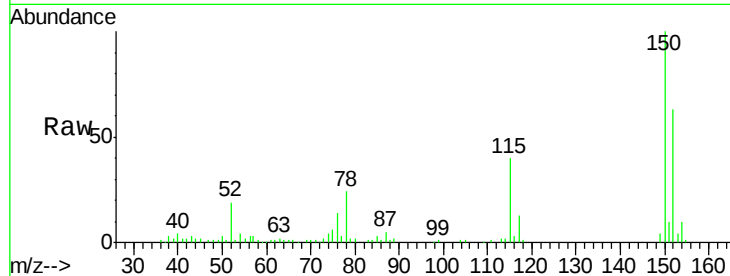


#1

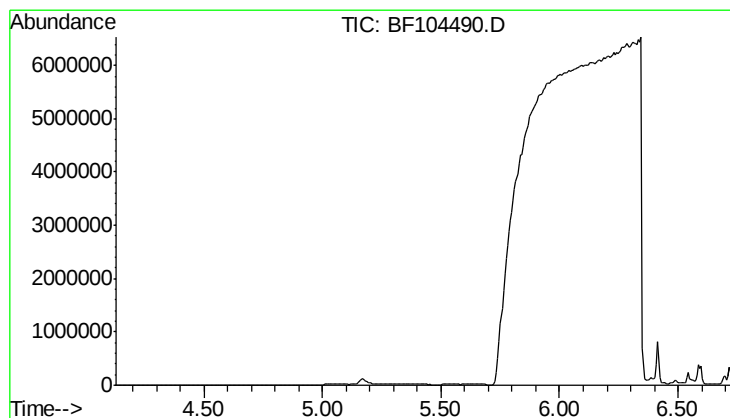
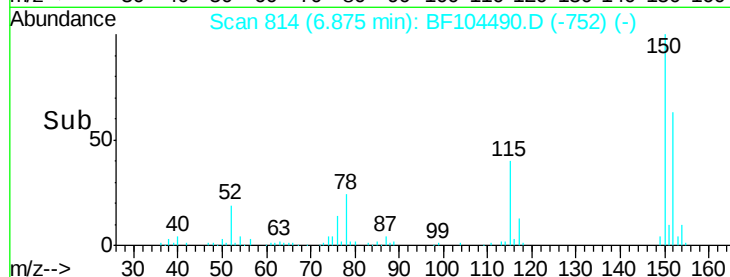
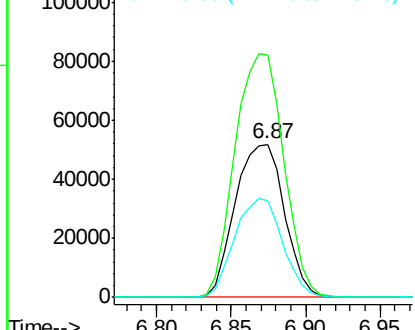
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.06 min
 Lab File: BF104490.D
 Acq: 13 Apr 2018 20:28

Instrument :
 BNA_F
 ClientSampleId :
 SL

Tot Ion:152 Resp: 118543
 Ion Ratio Lower Upper
 152 100
 150 157.8 124.6 186.8
 115 62.9 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

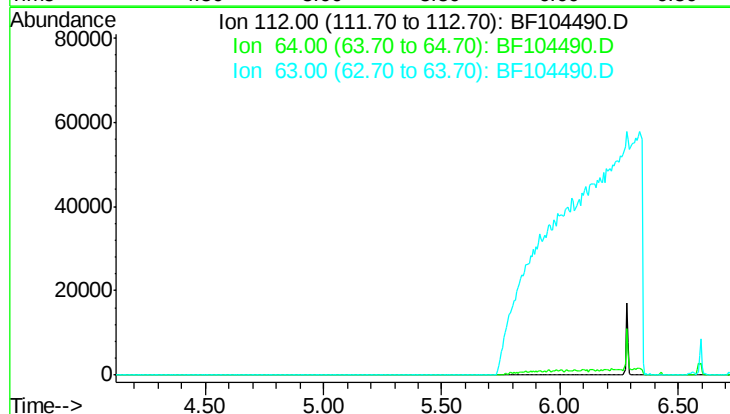


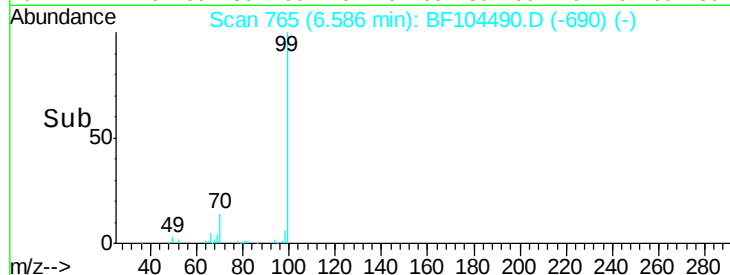
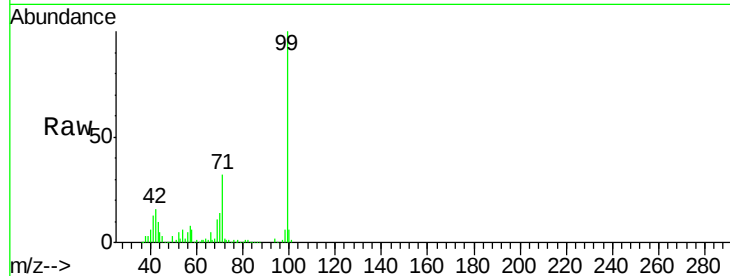
#5

2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.42 min

Lab File: BF104490.D
 Acq: 13 Apr 2018 20:28

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 59.9
 63 29.6





#7

Phenol-d6

Concen: 9.091 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.14 min

Lab File: BF104490.D

Acq: 13 Apr 2018 20:28

Instrument :

BNA_F

ClientSampleId :

SL

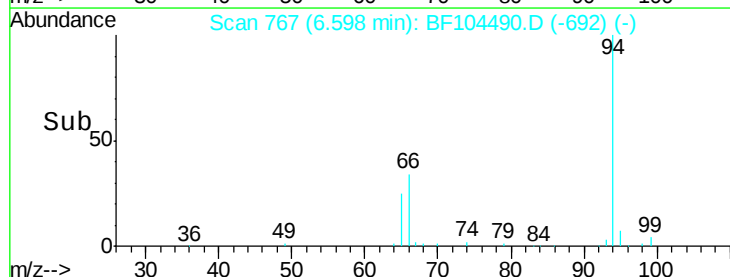
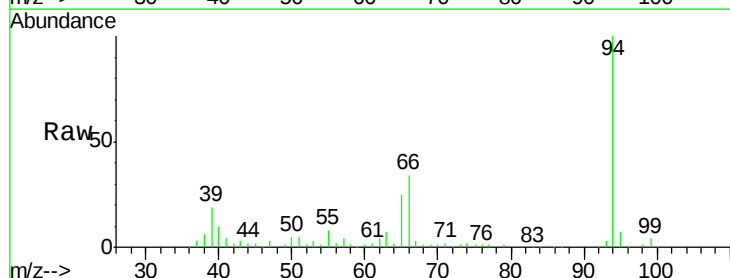
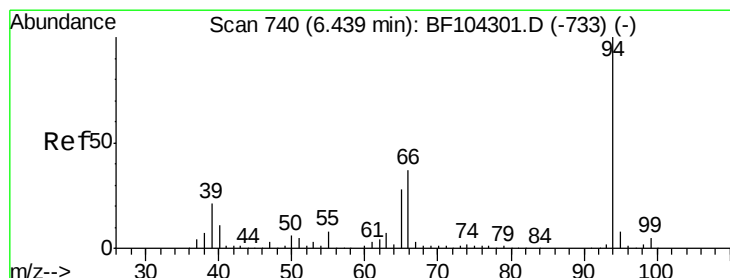
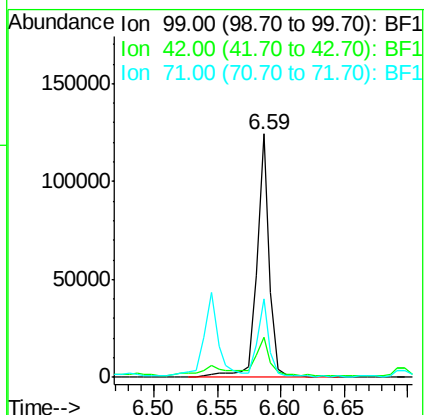
Tot Ion: 99 Resp: 86592

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

71 32.2 25.4 38.0



#10

Phenol

Concen: 7.899 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.14 min

Lab File: BF104490.D

Acq: 13 Apr 2018 20:28

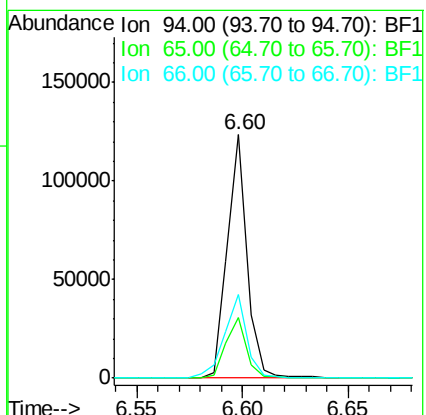
Tgt Ion: 94 Resp: 79839

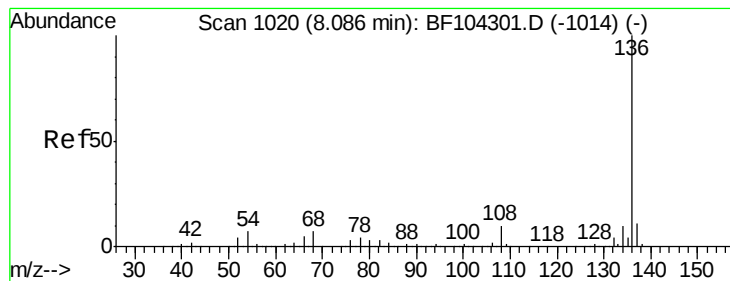
Ion Ratio Lower Upper

94 100

65 25.1 7.9 47.9

66 34.3 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BF104490.D

Acq: 13 Apr 2018 20:28

Instrument :

BNA_F

ClientSampleId :

SL

Tot Ion:136 Resp: 461955

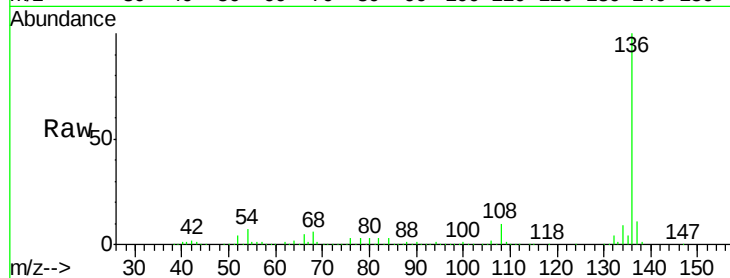
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.9 6.6 9.8

68 5.8 5.0 7.4

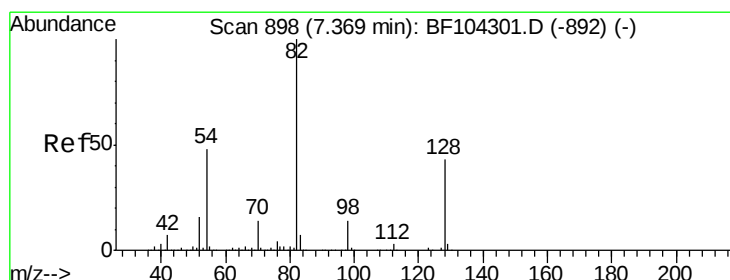
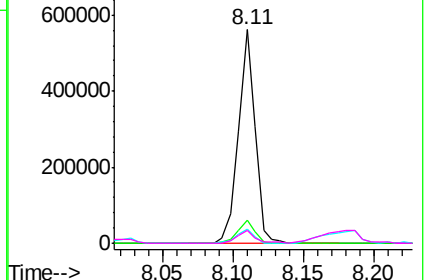
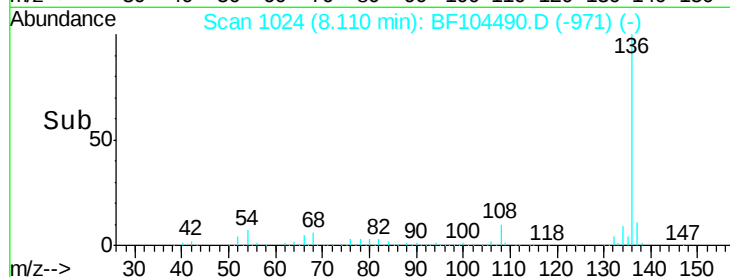


Abundance Ion 136.00 (135.70 to 136.70): E

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: 22.481 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.04 min

Lab File: BF104490.D

Acq: 13 Apr 2018 20:28

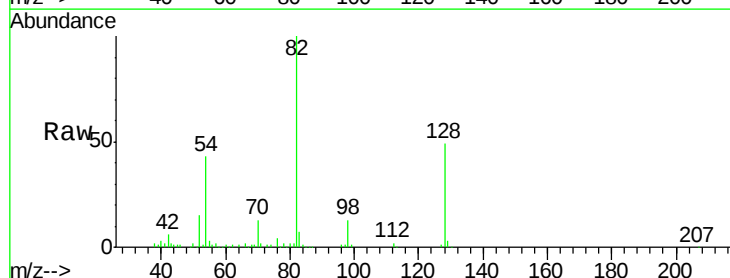
Tgt Ion: 82 Resp: 159042

Ion Ratio Lower Upper

82 100

128 48.7 36.1 54.1

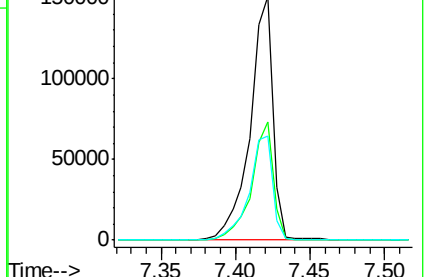
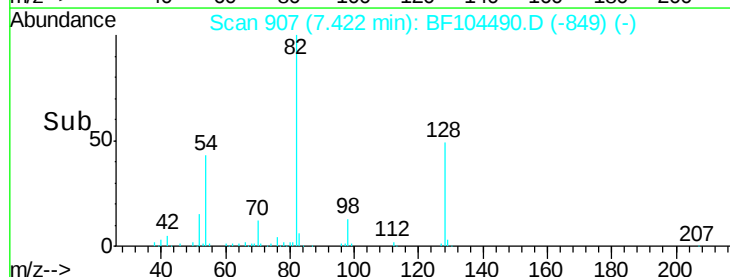
54 43.0 41.4 62.2

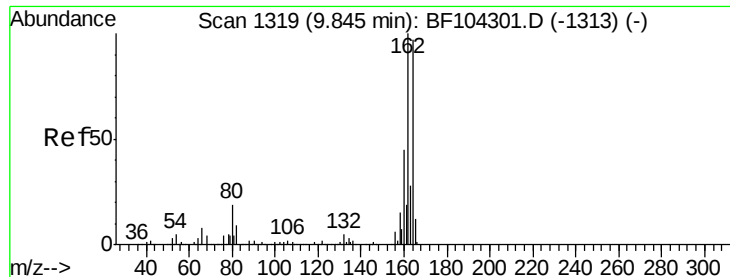


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF104490.D

Acq: 13 Apr 2018 20:28

Instrument :

BNA_F

ClientSampleId :

SL

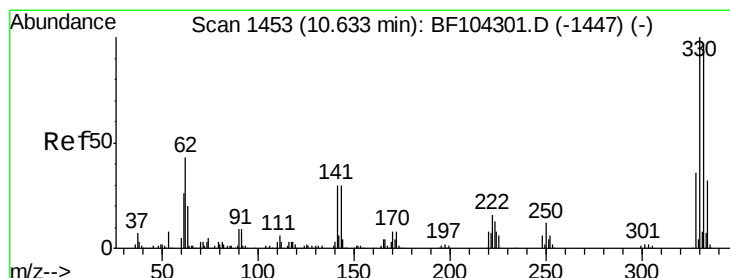
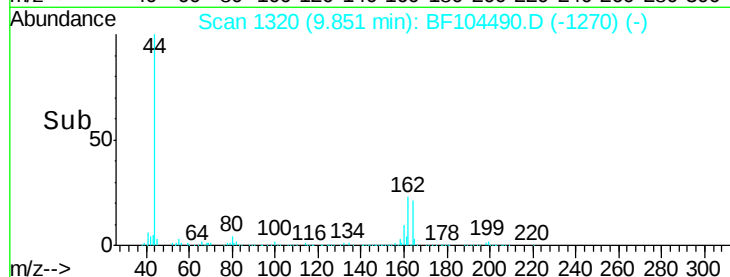
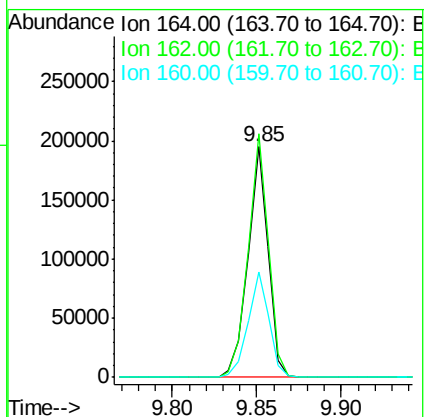
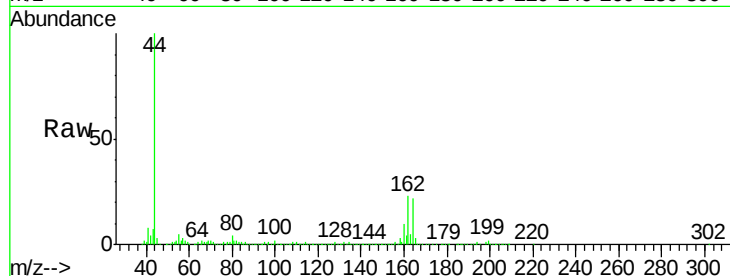
Tot Ion:164 Resp: 164252

Ion Ratio Lower Upper

164 100

162 105.8 86.1 129.1

160 45.5 38.3 57.5



#41

2,4,6-Tribromophenol

Concen: 0.489 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF104490.D

Acq: 13 Apr 2018 20:28

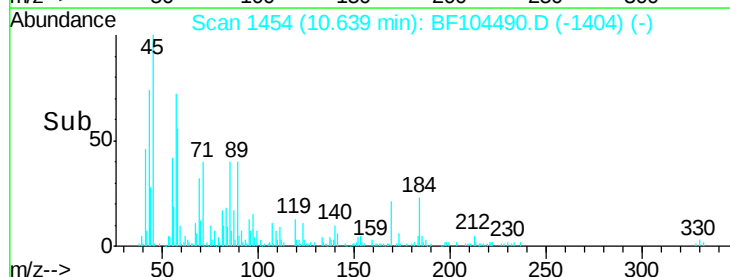
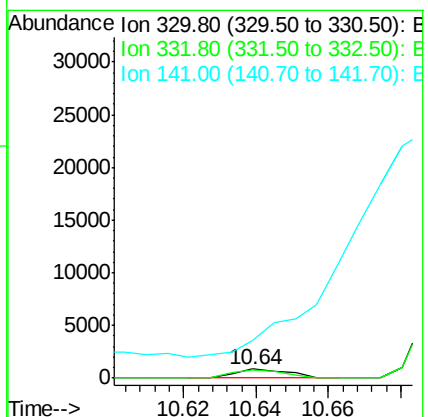
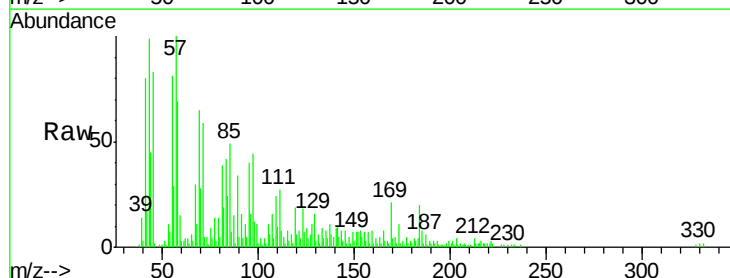
Tgt Ion:330 Resp: 834

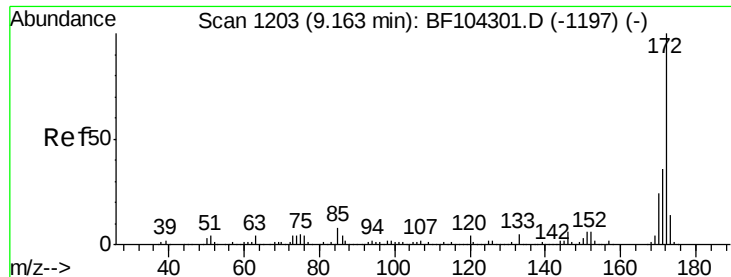
Ion Ratio Lower Upper

330 100

332 91.7 77.0 115.6

141 0.0 29.9 44.9#

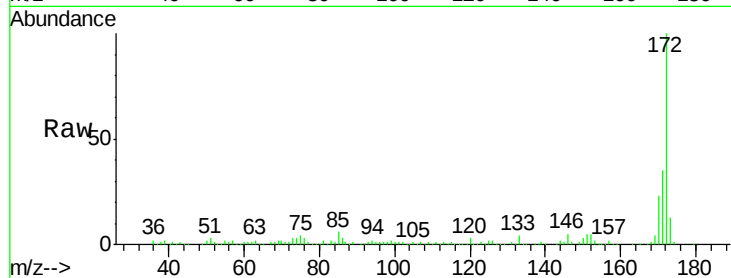




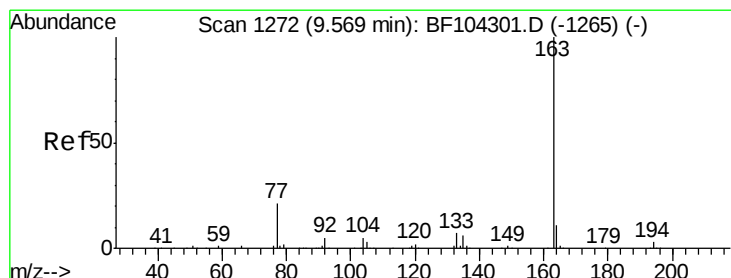
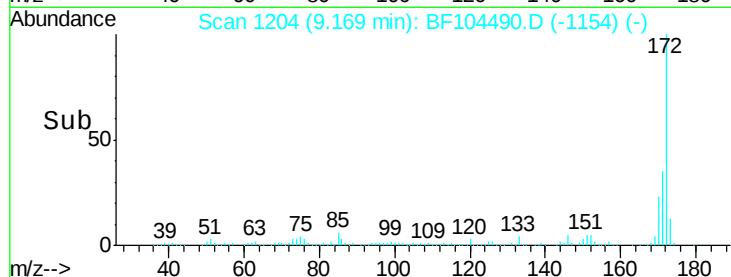
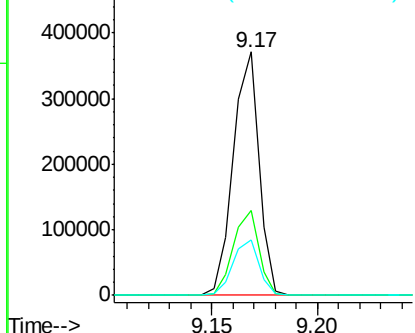
#44
2-Fluorobiphenyl
Concen: 29.874 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF104490.D
Acq: 13 Apr 2018 20:28

Instrument :
BNA_F
ClientSampled :
SL

Tot Ion:172 Resp: 310609
Ion Ratio Lower Upper
172 100
171 35.1 29.7 44.5
170 23.0 19.6 29.4

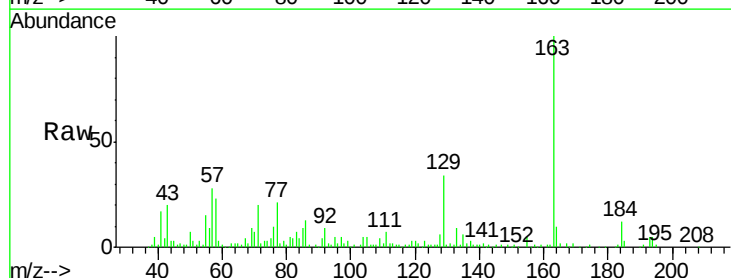


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

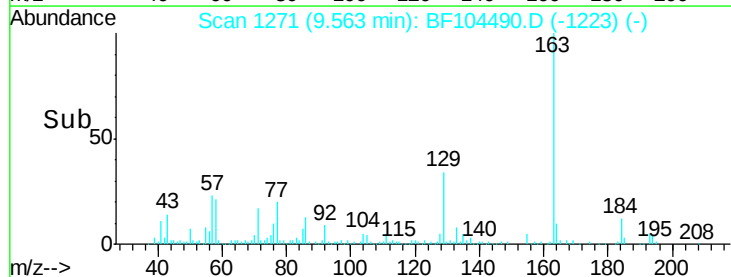
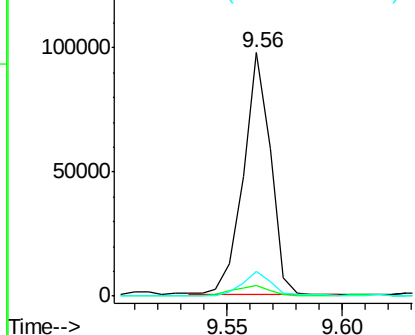


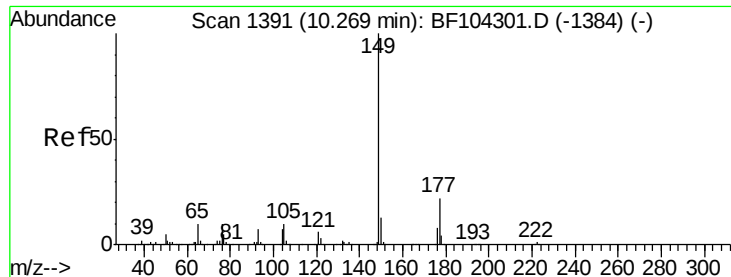
#49
Dimethylphthalate
Concen: 6.149 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF104490.D
Acq: 13 Apr 2018 20:28

Tgt Ion:163 Resp: 79641
Ion Ratio Lower Upper
163 100
194 4.5 2.7 4.1#
164 10.0 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

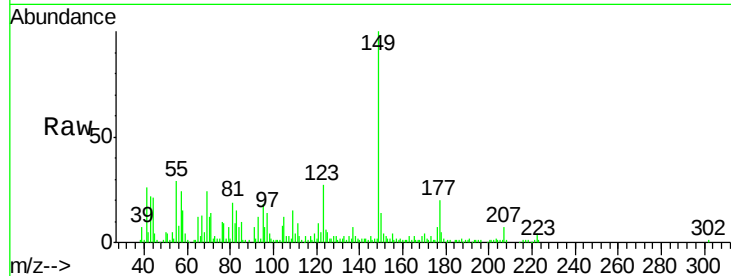




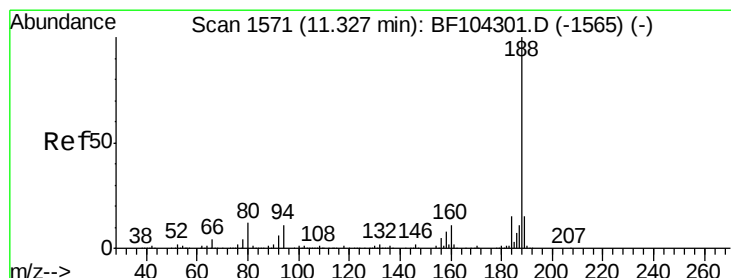
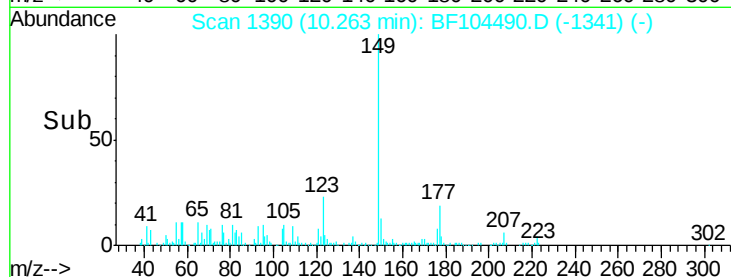
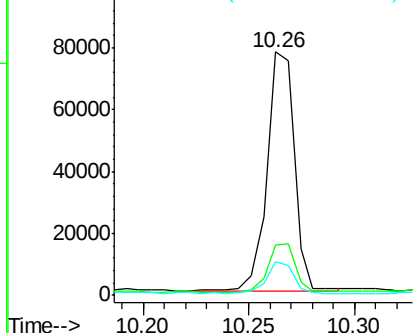
#59
Diethylphthalate
Concen: 5.427 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF104490.D
Acq: 13 Apr 2018 20:28

Instrument :
BNA_F
ClientSampled :
SL

Tot Ion:149 Resp: 70014
Ion Ratio Lower Upper
149 100
177 20.5 16.1 24.1
150 13.7 10.1 15.1

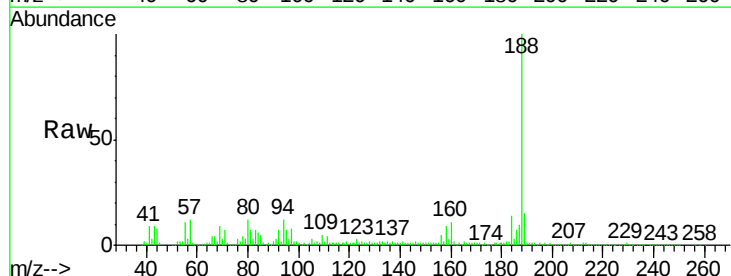


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

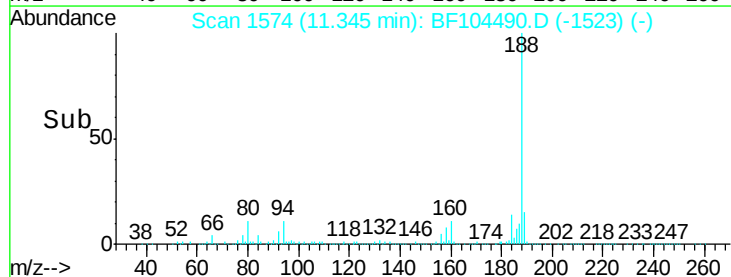
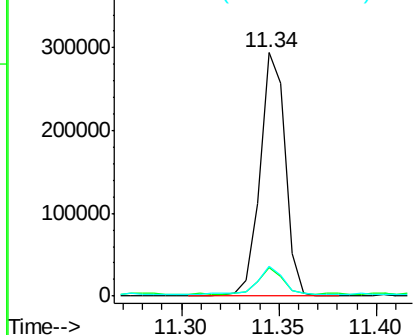


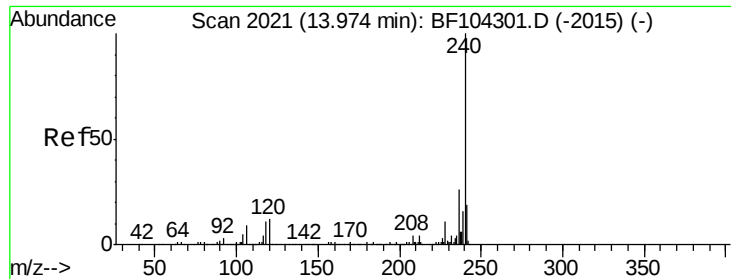
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BF104490.D
Acq: 13 Apr 2018 20:28

Tgt Ion:188 Resp: 260895
Ion Ratio Lower Upper
188 100
94 11.7 8.5 12.7
80 12.1 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: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF104490.D

Acq: 13 Apr 2018 20:28

Instrument :

BNA_F

ClientSampled :

SL

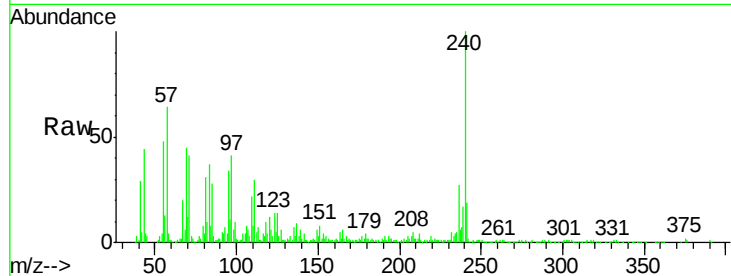
Tot Ion:240 Resp: 197130

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

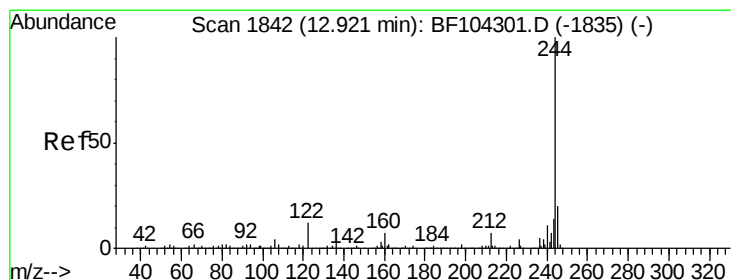
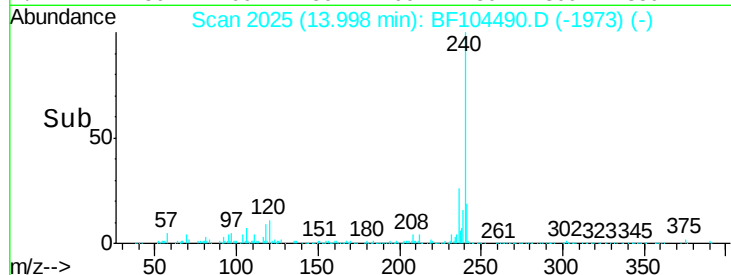
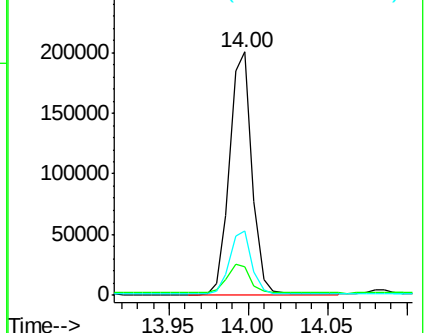
236 26.6 20.7 31.1



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: 24.681 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BF104490.D

Acq: 13 Apr 2018 20:28

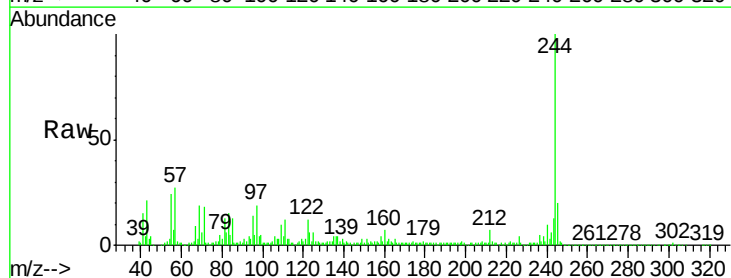
Tgt Ion:244 Resp: 213407

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

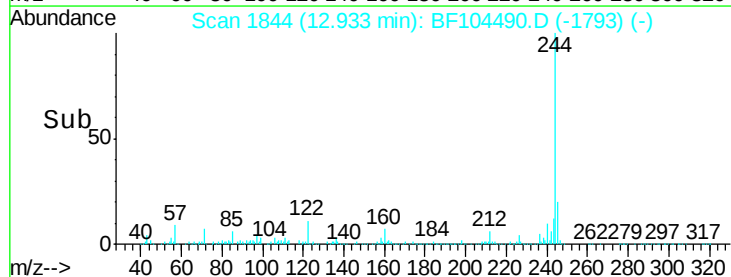
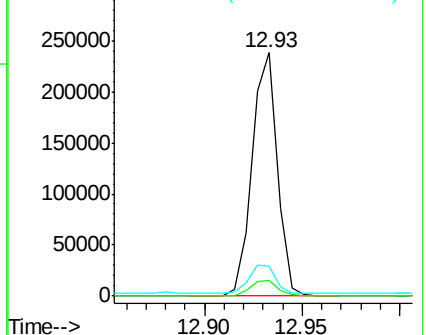
122 12.1 11.0 16.4

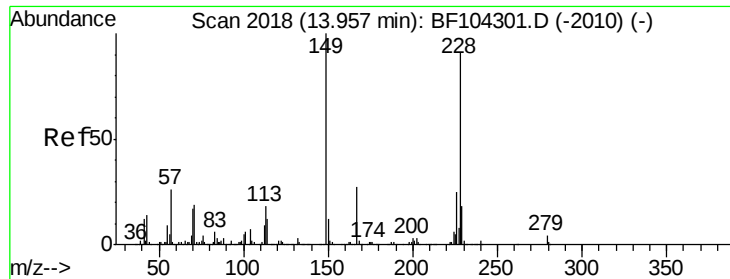


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

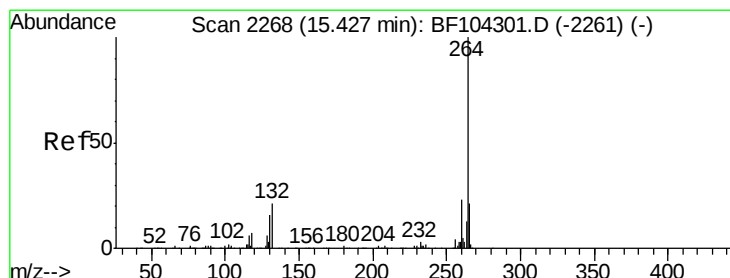
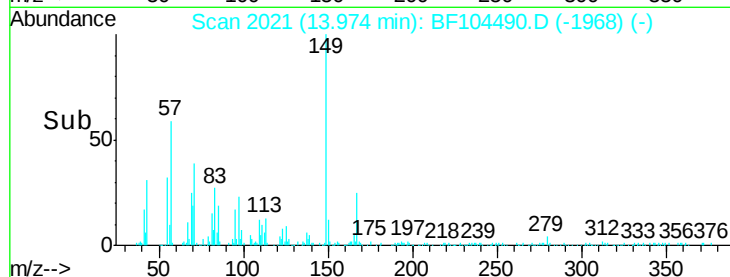
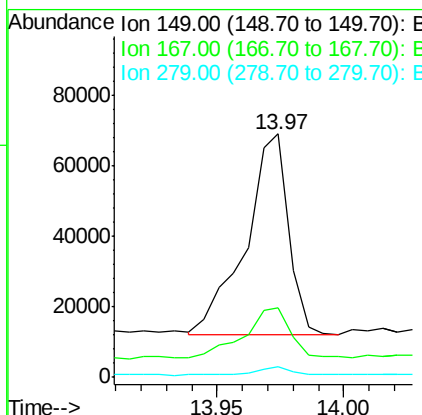
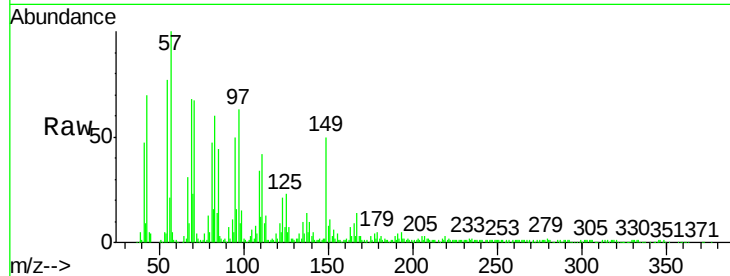




#83
Bis(2-ethylhexyl)phthalate
Concen: 7.624 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF104490.D
Acq: 13 Apr 2018 20:28

Instrument :
BNA_F
ClientSampled :
SL

Tot Ion:149 Resp: 67503
Ion Ratio Lower Upper
149 100
167 28.7 21.3 31.9
279 4.1 3.0 4.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.02 min
Lab File: BF104490.D
Acq: 13 Apr 2018 20:28

Tgt Ion:264 Resp: 148467
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 22.7 17.5 26.3

