

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
 Data File : BF104673.D
 Acq On : 20 Apr 2018 14:48
 Operator : JU/SJ
 Sample : J2460-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDP-B-1-0-6

Quant Time: Apr 20 15:56:02 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

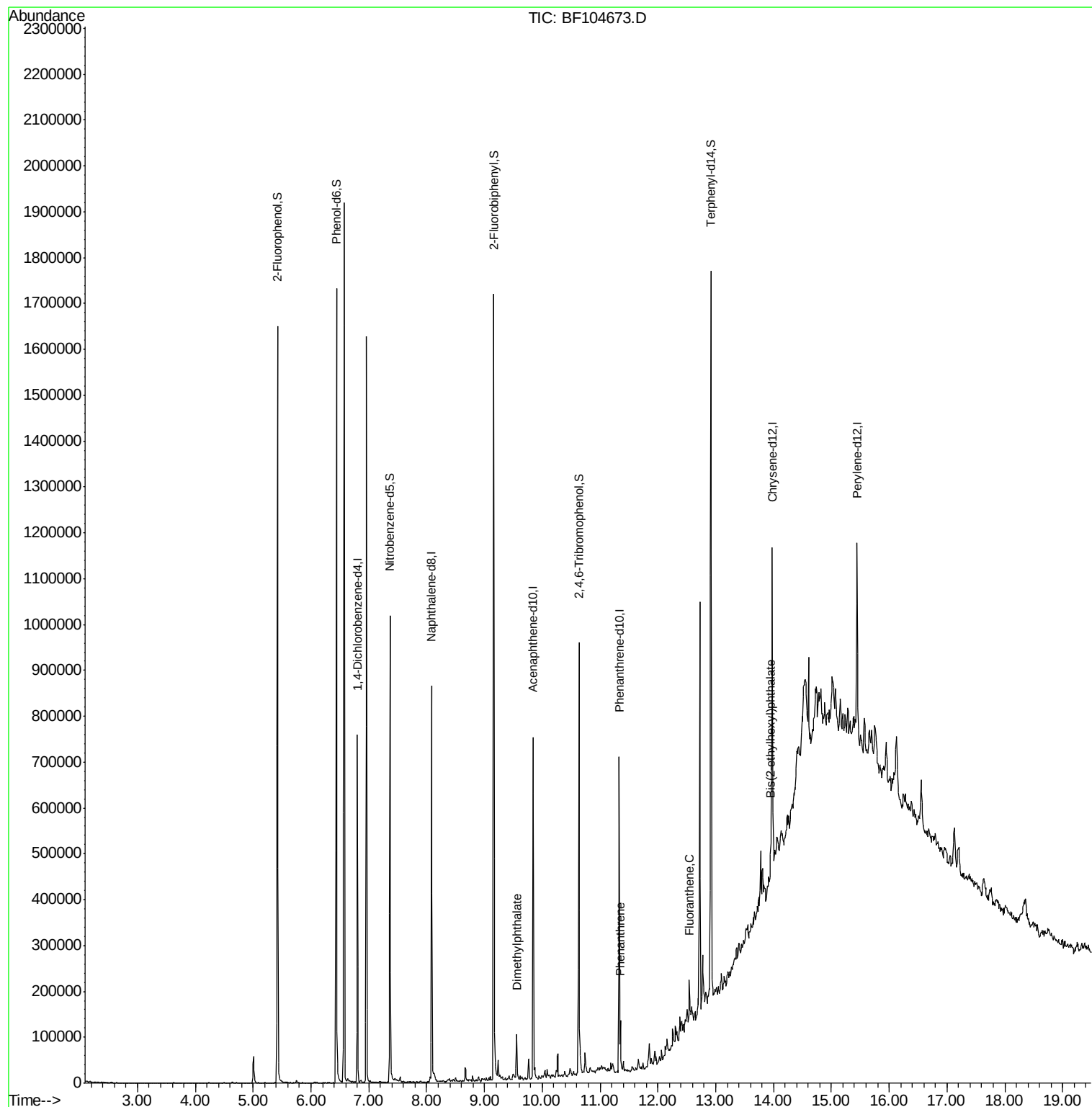
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	102158	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	384410	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	147186	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	245001	20.00	ng	0.00
75) Chrysene-d12	13.97	240	236131	20.00	ng	0.00
86) Perylene-d12	15.44	264	178846	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	523179	78.31	ng	0.00
7) Phenol-d6	6.44	99	591778	72.09	ng	0.00
23) Nitrobenzene-d5	7.37	82	351055	59.63	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	115073	75.37	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	569768	61.15	ng	0.00
78) Terphenyl-d14	12.92	244	508966	49.14	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	39673	3.418	ng	98
70) Phenanthrene	11.35	178	35847	2.627	ng	98
74) Fluoranthene	12.54	202	33897	2.378	ng	96
83) Bis(2-ethylhexyl)phthalate	13.95	149	24197	2.281	ng #	96

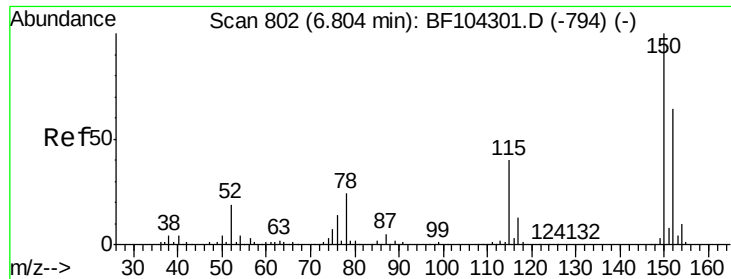
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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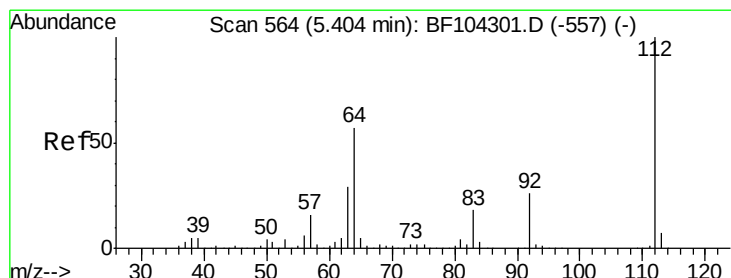
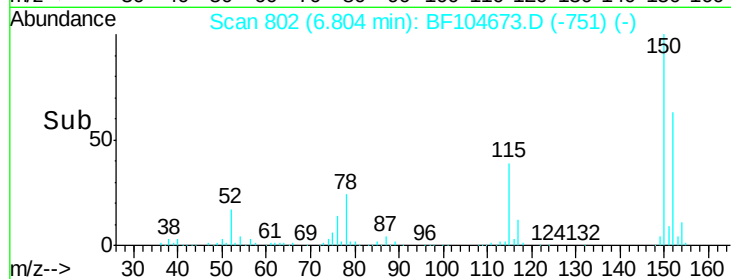
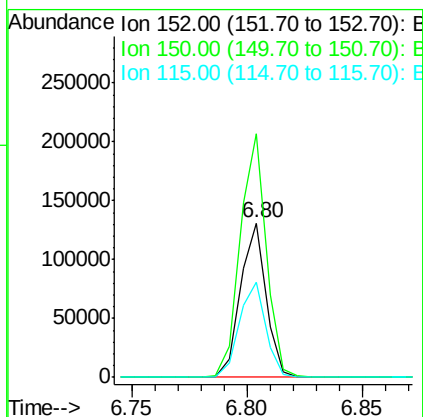
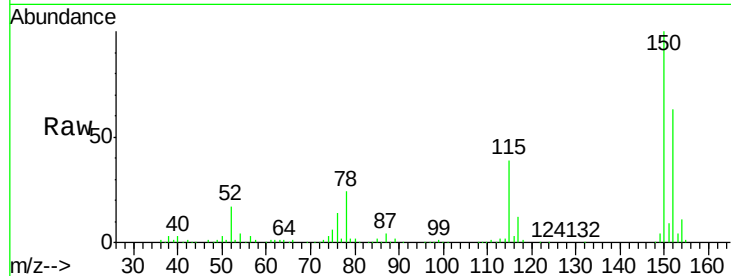


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104673.D
Acq: 20 Apr 2018 14:48

Instrument :
BNA_F
ClientSampleId :
MDP-B-1-0-6

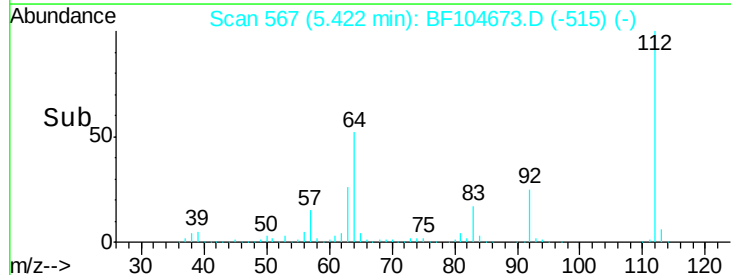
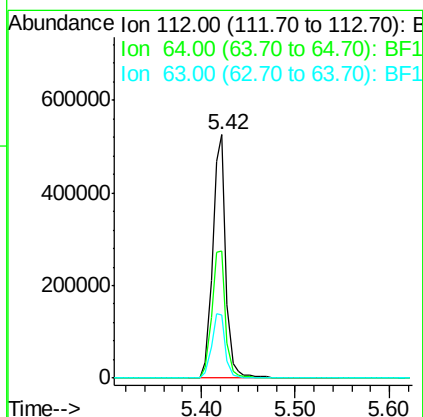
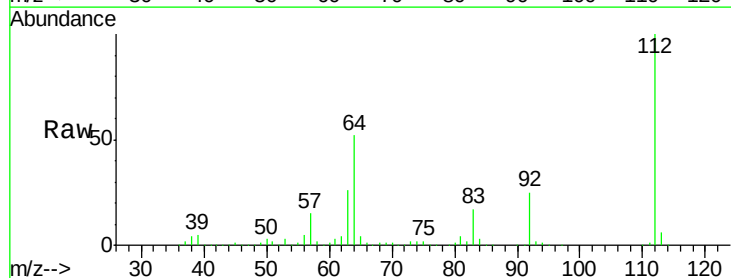
Tot Ion:152 Resp: 102158
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 62.0 50.1 75.1

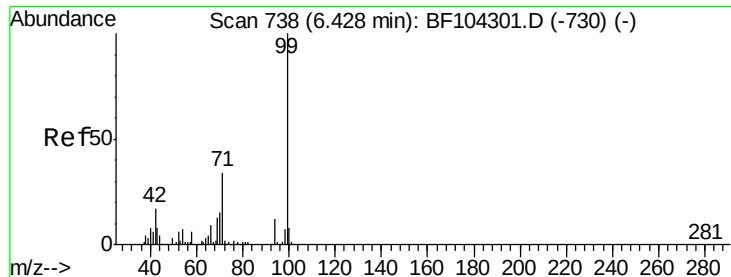


#5

2-Fluorophenol
Concen: 78.307 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104673.D
Acq: 20 Apr 2018 14:48

Tgt Ion:112 Resp: 523179
Ion Ratio Lower Upper
112 100
64 52.4 47.9 71.9
63 26.0 23.7 35.5





#7

Phenol-d6

Concen: 72.090 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104673.D

Acq: 20 Apr 2018 14:48

Instrument :

BNA_F

ClientSampleId :

MDP-B-1-0-6

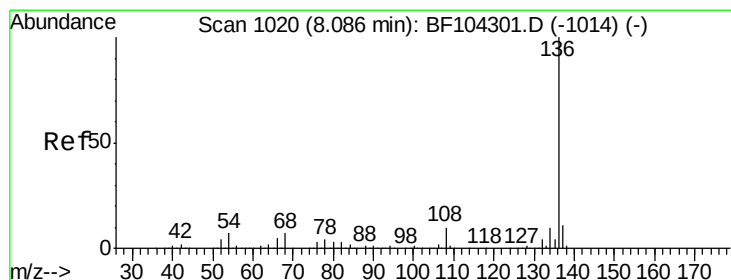
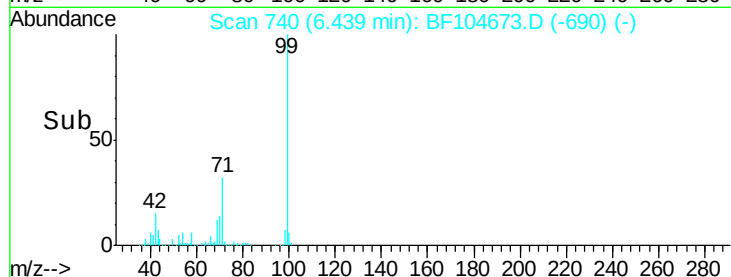
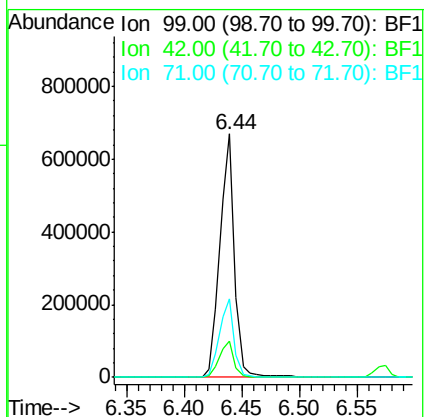
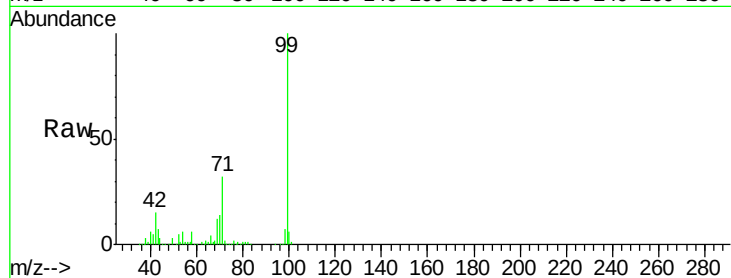
Tot Ion: 99 Resp: 591778

Ion Ratio Lower Upper

99 100

42 14.9 14.5 21.7

71 32.0 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF104673.D

Acq: 20 Apr 2018 14:48

Tgt Ion: 136 Resp: 384410

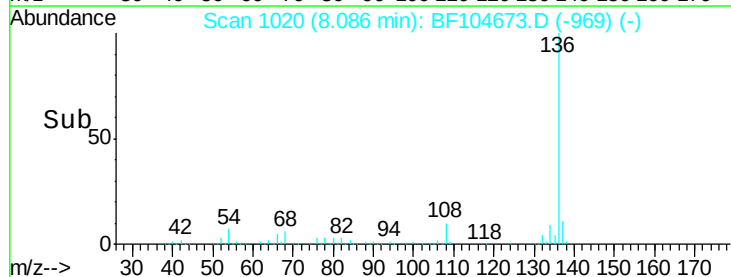
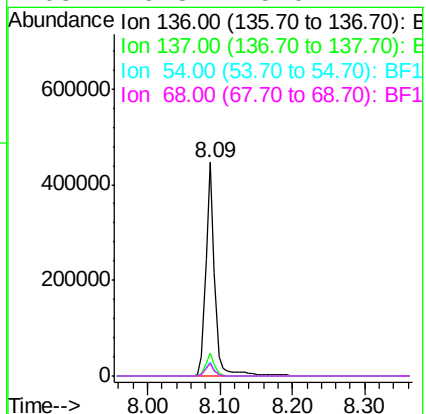
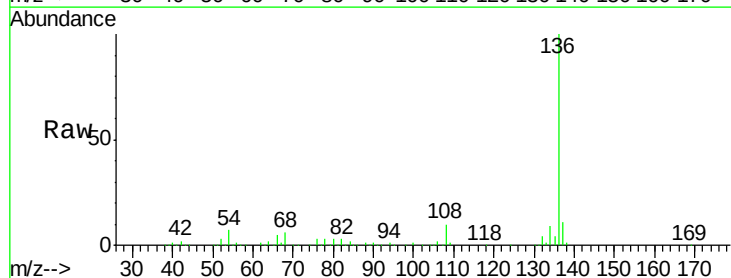
Ion Ratio Lower Upper

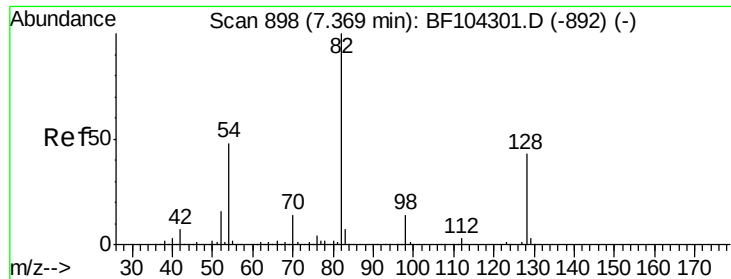
136 100

137 10.7 8.9 13.3

54 6.6 6.6 9.8

68 5.8 5.0 7.4

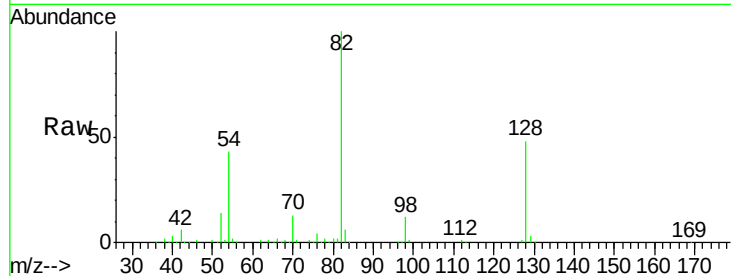




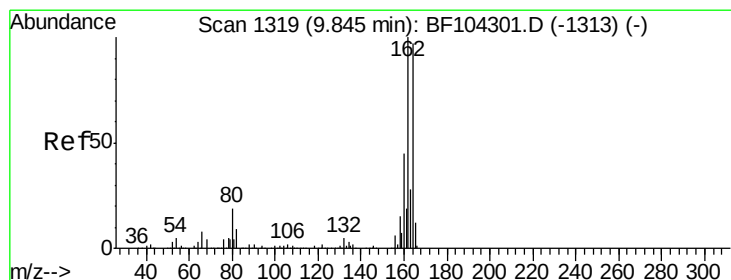
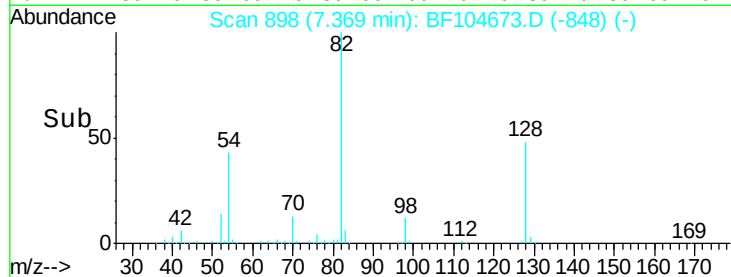
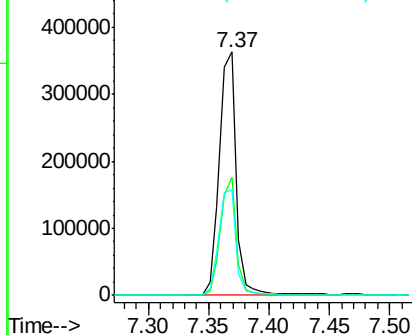
#23
Nitrobenzene-d5
Concen: 59.632 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104673.D
Acq: 20 Apr 2018 14:48

Instrument :
BNA_F
ClientSampleId :
MDP-B-1-0-6

Tot Ion	82	Resp	351055
Ion Ratio	Lower	Upper	
82	100		
128	48.5	36.1	54.1
54	43.1	41.4	62.2

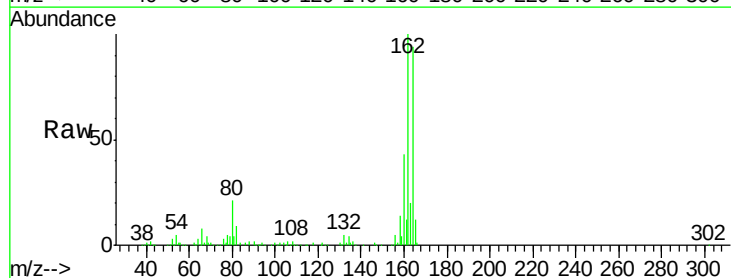


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

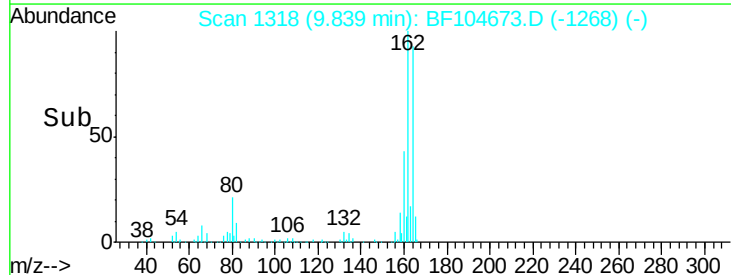
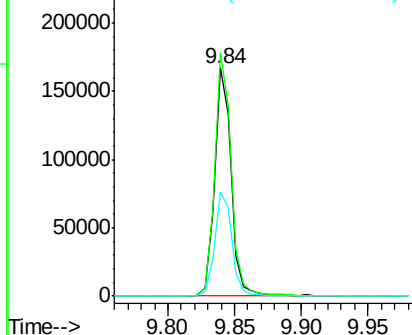


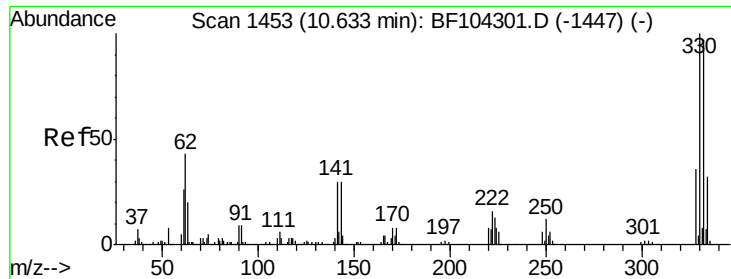
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104673.D
Acq: 20 Apr 2018 14:48

Tgt Ion	164	Resp	147186
Ion Ratio	Lower	Upper	
164	100		
162	106.7	86.1	129.1
160	45.4	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

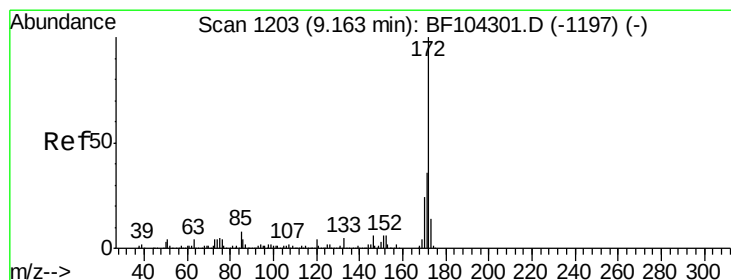
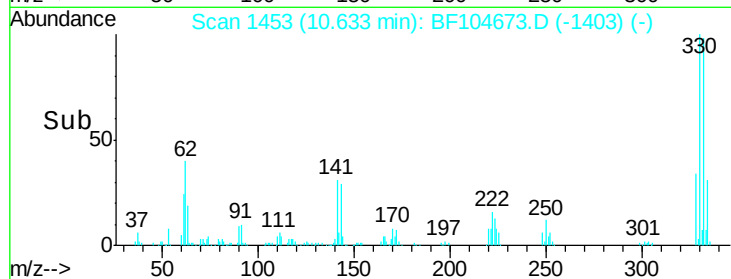
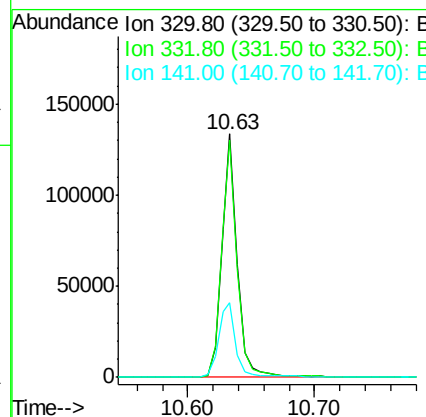
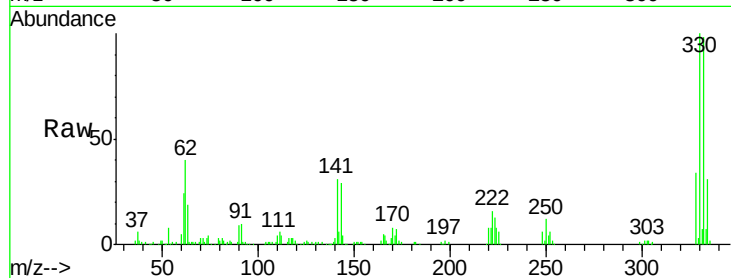




#41
 2,4,6-Tribromophenol
 Concen: 75.369 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104673.D
 Acq: 20 Apr 2018 14:48

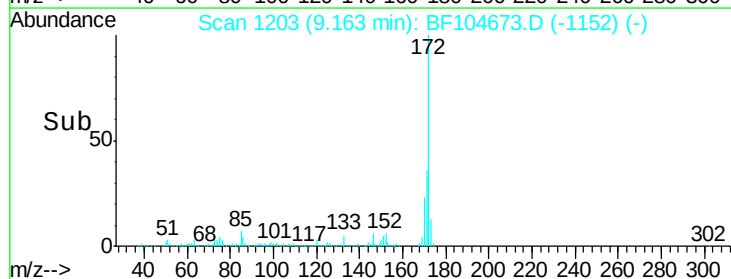
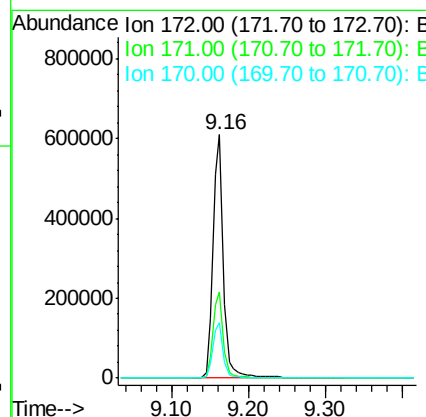
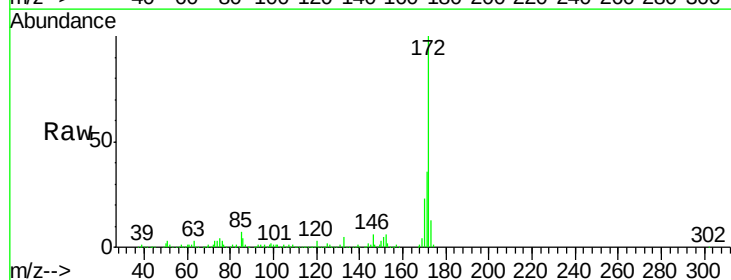
Instrument :
 BNA_F
 ClientSampleId :
 MDP-B-1-0-6

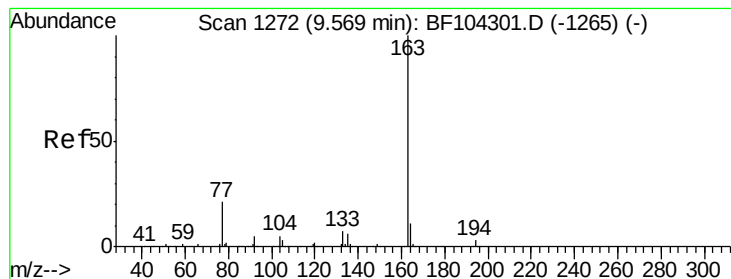
Tot Ion:330 Resp: 115073
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.0 115.6
 141 34.8 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 61.153 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF104673.D
 Acq: 20 Apr 2018 14:48

Tgt Ion:172 Resp: 569768
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 22.7 19.6 29.4





#49

Dimethylphthalate

Concen: 3.418 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF104673.D

Acq: 20 Apr 2018 14:48

Instrument :

BNA_F

ClientSampleId :

MDP-B-1-0-6

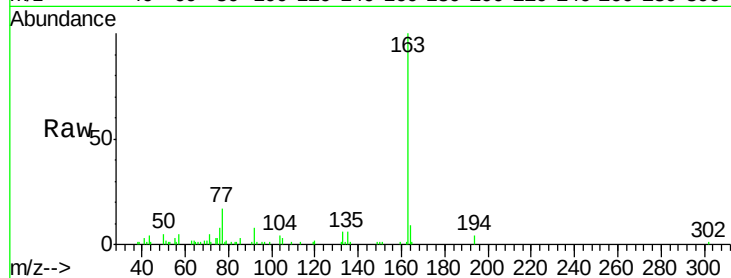
Tot Ion:163 Resp: 39673

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

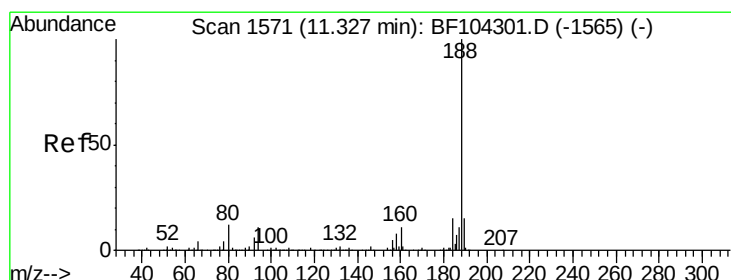
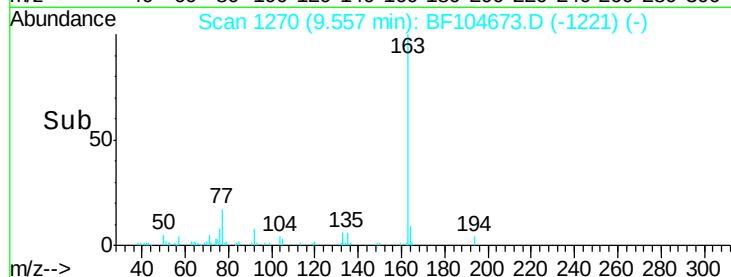
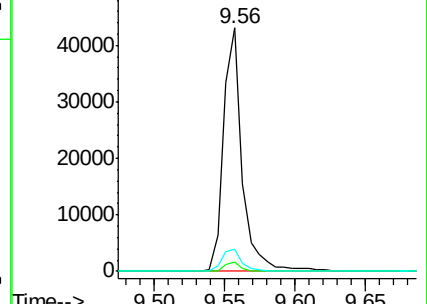
164 9.3 8.2 12.2



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: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF104673.D

Acq: 20 Apr 2018 14:48

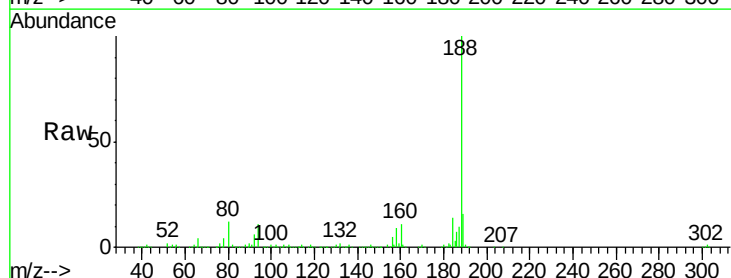
Tgt Ion:188 Resp: 245001

Ion Ratio Lower Upper

188 100

94 11.0 8.5 12.7

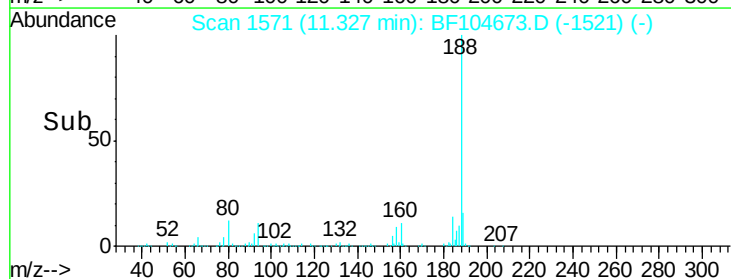
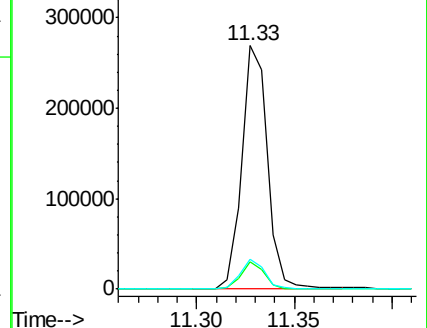
80 12.3 9.2 13.8

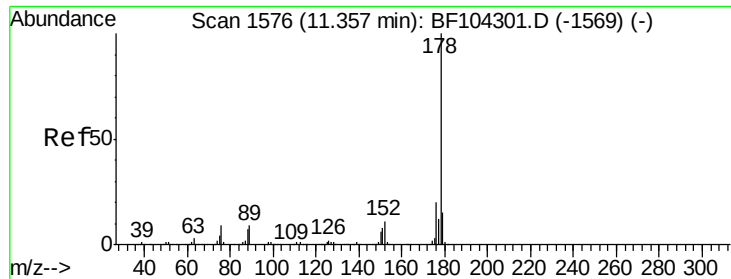


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

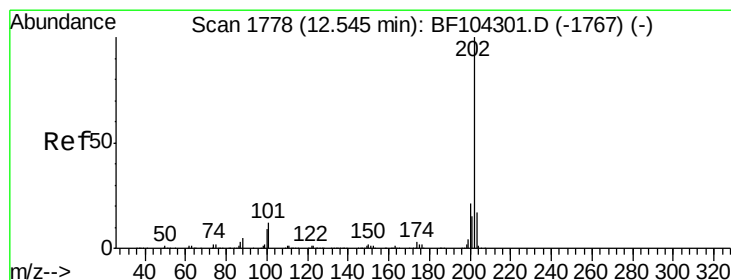
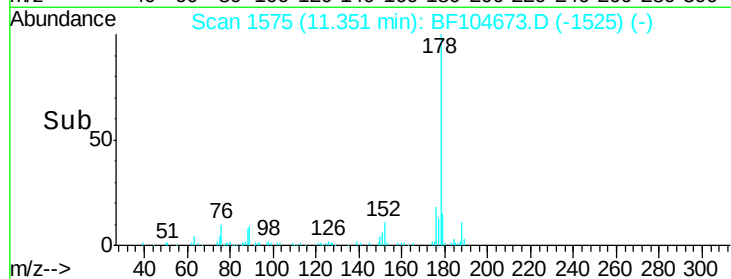
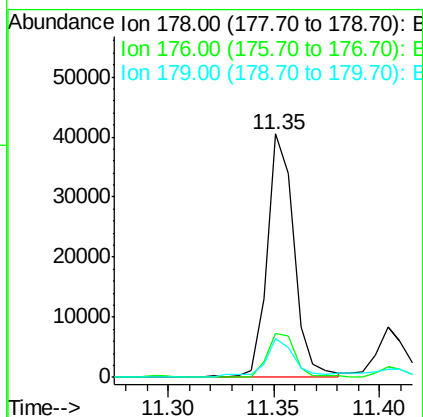
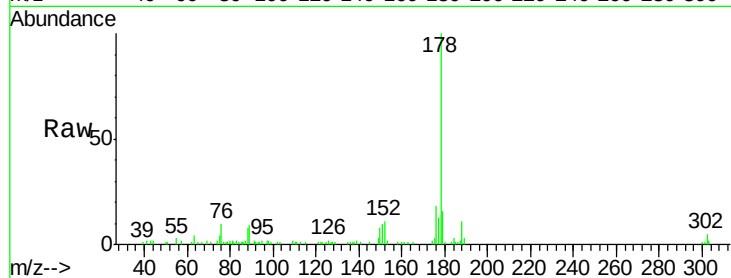




#70
Phenanthrene
Concen: 2.627 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF104673.D
Acq: 20 Apr 2018 14:48

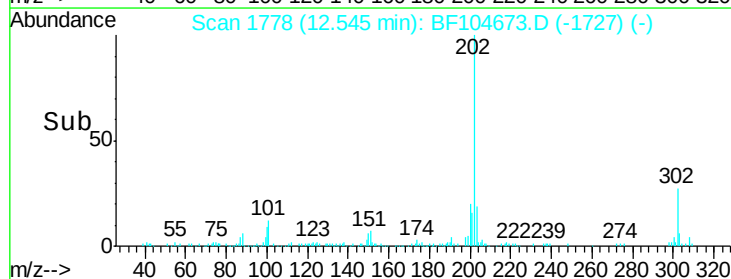
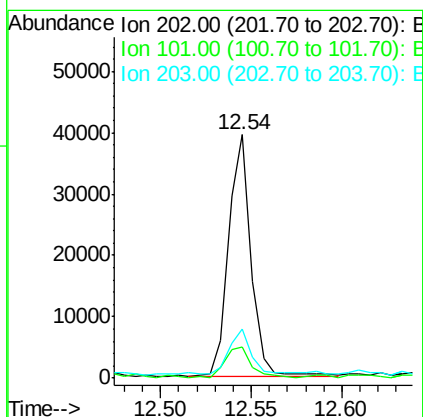
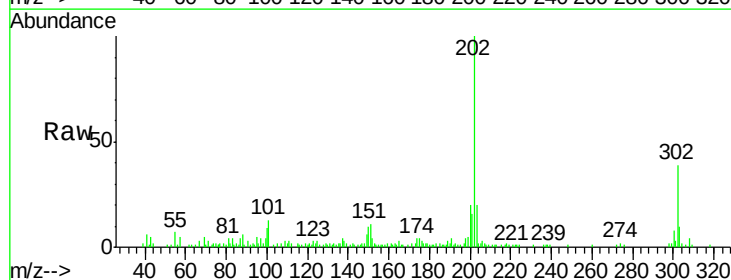
Instrument :
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MDP-B-1-0-6

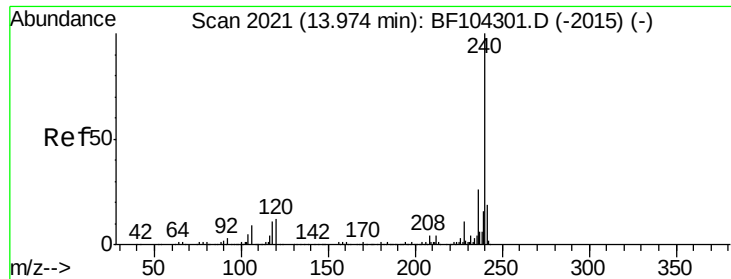
Tot Ion:178 Resp: 35847
Ion Ratio Lower Upper
178 100
176 18.2 15.8 23.8
179 15.7 13.0 19.6



#74
Fluoranthene
Concen: 2.378 ng
RT: 12.54 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BF104673.D
Acq: 20 Apr 2018 14:48

Tgt Ion:202 Resp: 33897
Ion Ratio Lower Upper
202 100
101 12.8 0.0 34.1
203 20.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF104673.D

Acq: 20 Apr 2018 14:48

Instrument :

BNA_F

ClientSampleId :

MDP-B-1-0-6

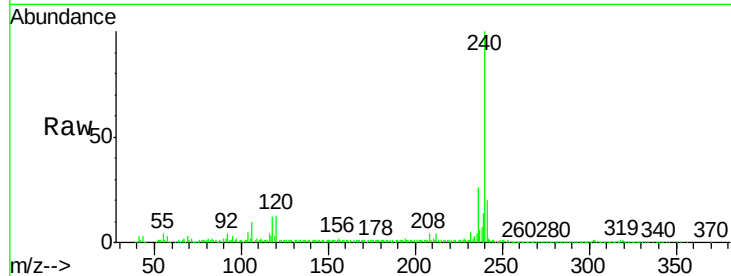
Tot Ion:240 Resp: 236131

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

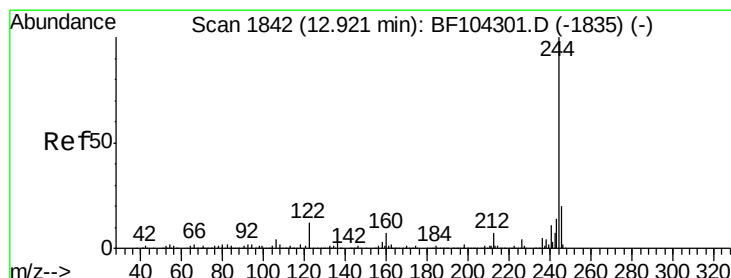
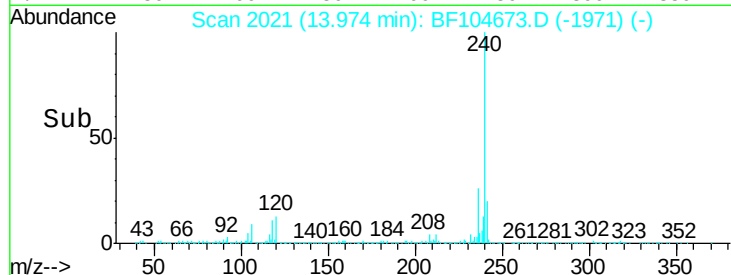
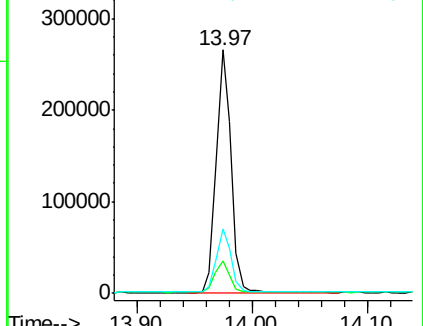
236 26.3 20.7 31.1



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: 49.140 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF104673.D

Acq: 20 Apr 2018 14:48

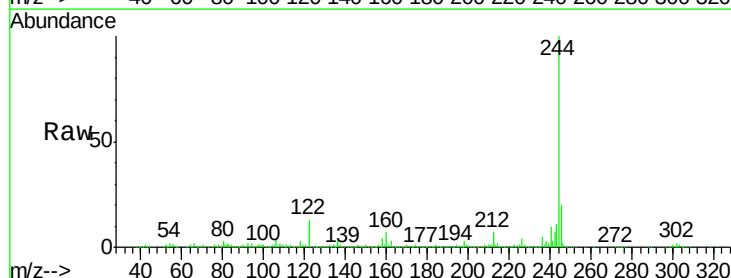
Tgt Ion:244 Resp: 508966

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

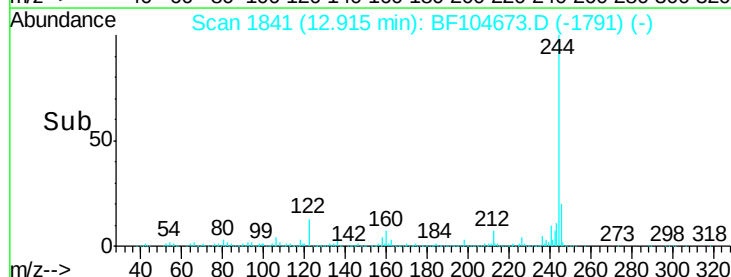
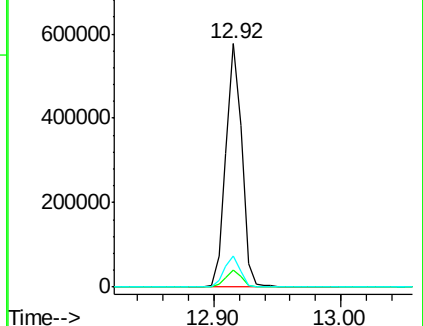
122 13.0 11.0 16.4

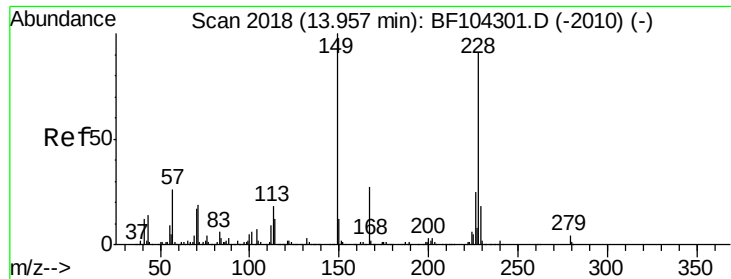


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

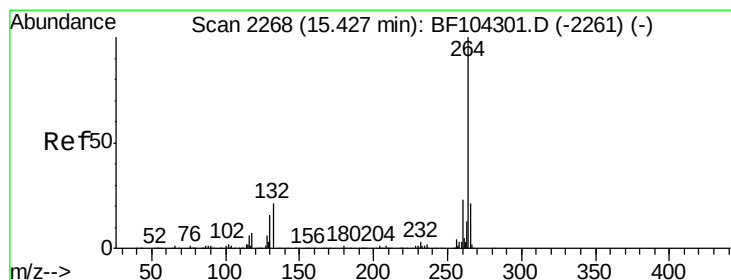
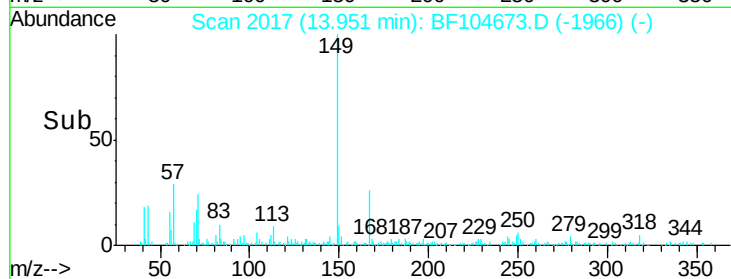
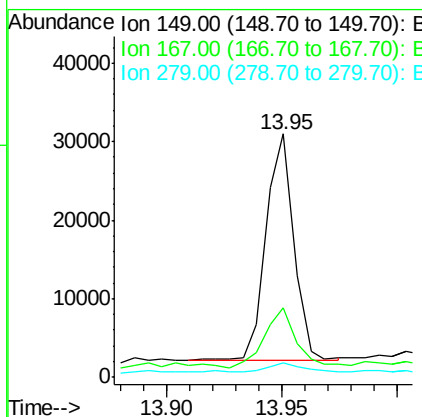
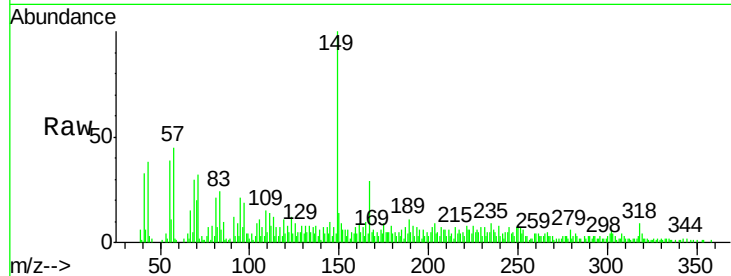




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.281 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: BF104673.D
 Acq: 20 Apr 2018 14:48

Instrument :
 BNA_F
 ClientSampleId :
 MDP-B-1-0-6

Tot Ion:149 Resp: 24197
 Ion Ratio Lower Upper
 149 100
 167 28.7 21.3 31.9
 279 5.8 3.0 4.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: BF104673.D
 Acq: 20 Apr 2018 14:48

Tgt Ion:264 Resp: 178846
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 22.6 17.5 26.3

