

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
 Data File : BF104684.D
 Acq On : 20 Apr 2018 19:40
 Operator : JU/SJ
 Sample : J2460-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDP-B-1-18-20

Quant Time: Apr 21 04:14:30 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

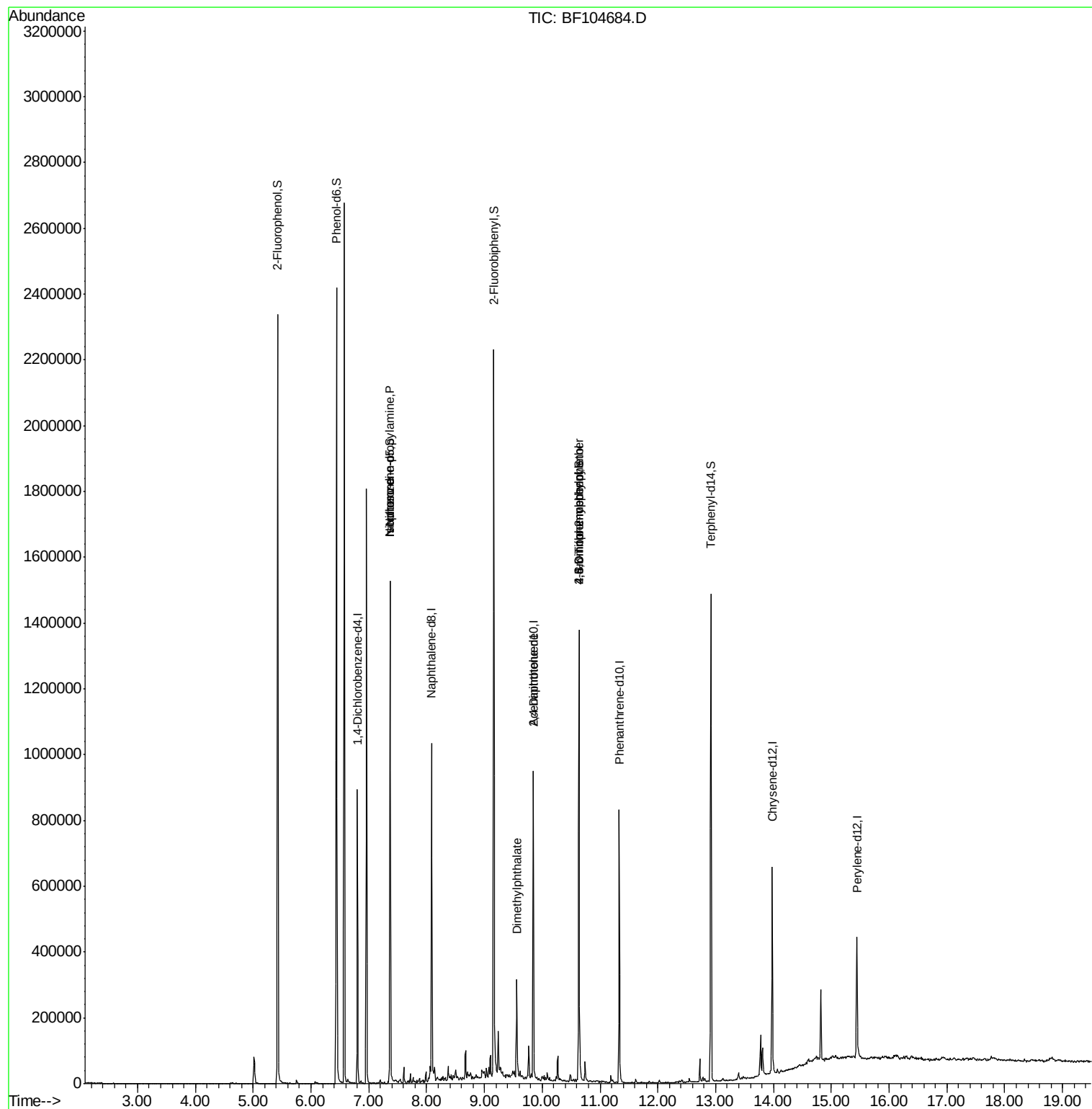
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	117696	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	458193	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	183692	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	301153	20.00	ng	0.00
75) Chrysene-d12	13.97	240	226246	20.00	ng	0.00
86) Perylene-d12	15.44	264	174453	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	732275	95.13	ng	0.00
7) Phenol-d6	6.45	99	865082	91.47	ng	0.00
23) Nitrobenzene-d5	7.37	82	501243	71.43	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	172873	90.72	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	657217	56.52	ng	0.00
78) Terphenyl-d14	12.92	244	477266	48.09	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	64810	10.487	ng	# 74
25) Isophorone	7.37	82	501243	33.780	ng	# 64
49) Dimethylphthalate	9.56	163	93079	6.426	ng	# 99
56) 2,4-Dinitrotoluene	9.85	165	23976	6.819	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	277	7.507	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	10151	3.169	ng	# 1
76) Benzidine	12.92	184	6097	Below Cal		# 94

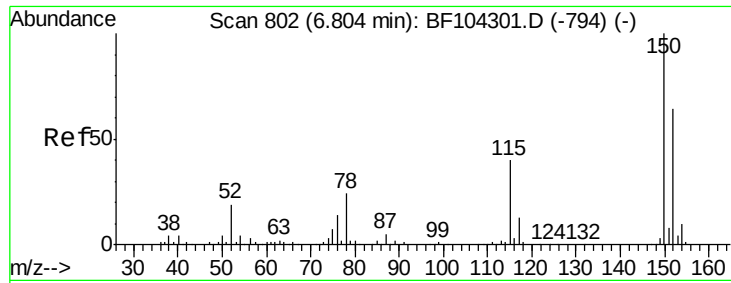
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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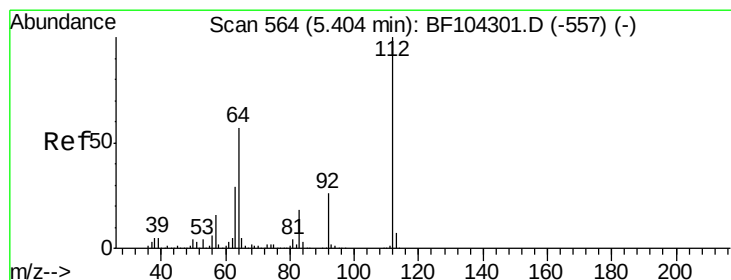
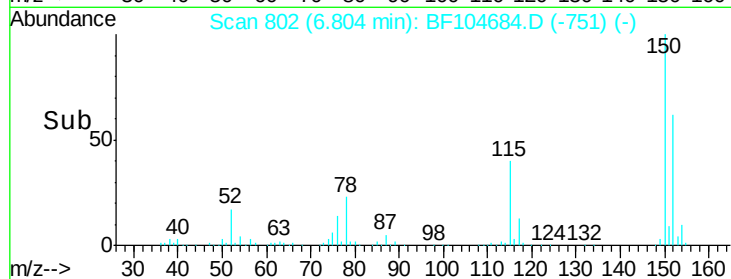
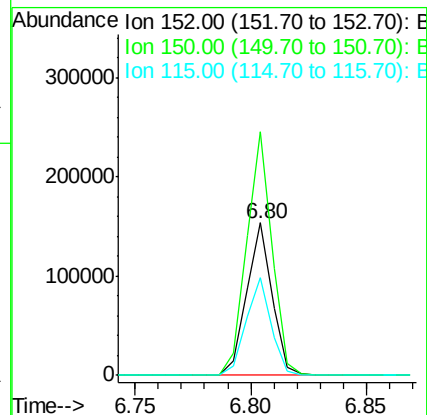
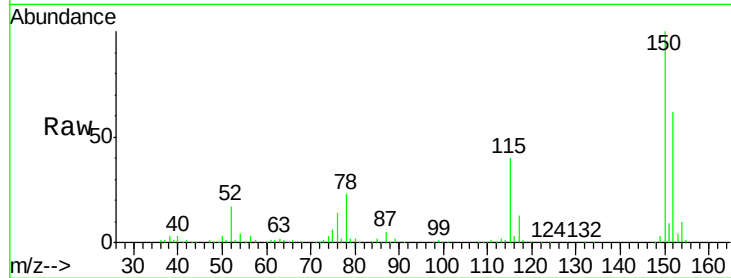


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104684.D
Acq: 20 Apr 2018 19:40

Instrument :
BNA_F
ClientSampleId :
MDP-B-1-18-20

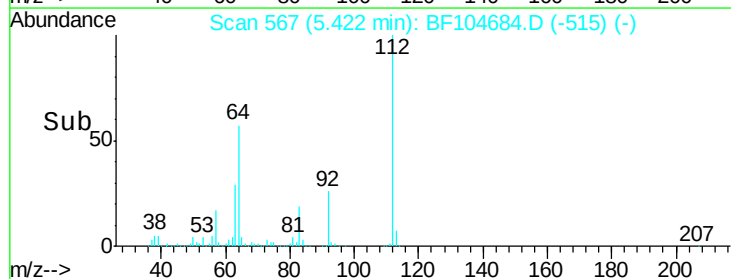
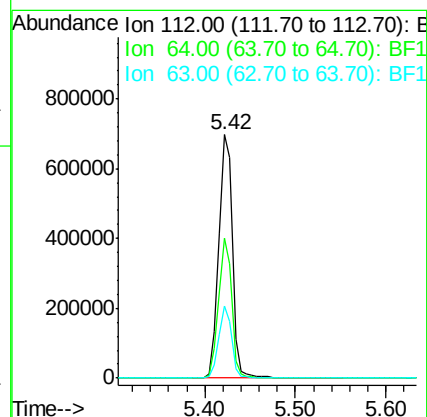
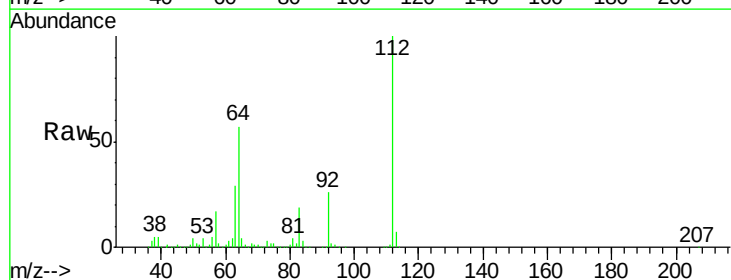
Tot Ion:152 Resp: 117696
Ion Ratio Lower Upper
152 100
150 160.0 124.6 186.8
115 64.4 50.1 75.1

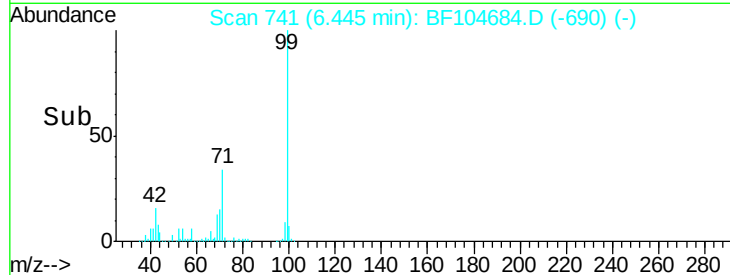
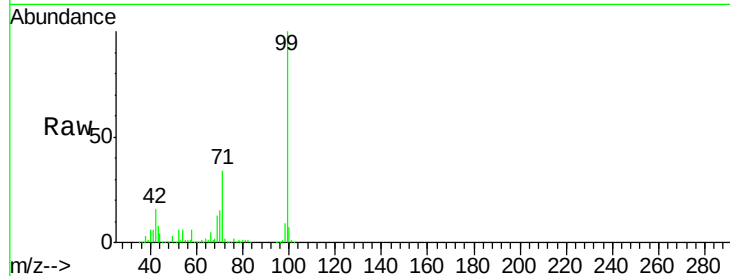
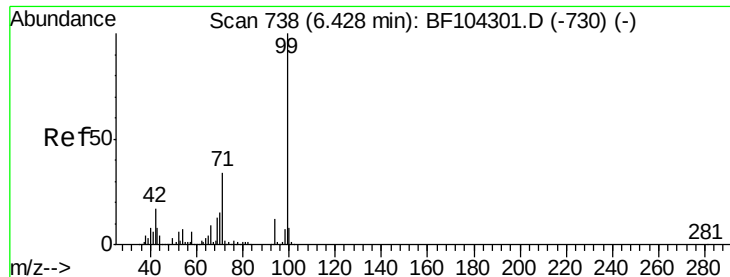


#5

2-Fluorophenol
Concen: 95.134 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104684.D
Acq: 20 Apr 2018 19:40

Tgt Ion:112 Resp: 732275
Ion Ratio Lower Upper
112 100
64 57.4 47.9 71.9
63 29.4 23.7 35.5





#7

Phenol-d6

Concen: 91.471 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104684.D

Acq: 20 Apr 2018 19:40

Instrument :

BNA_F

ClientSampleId :

MDP-B-1-18-20

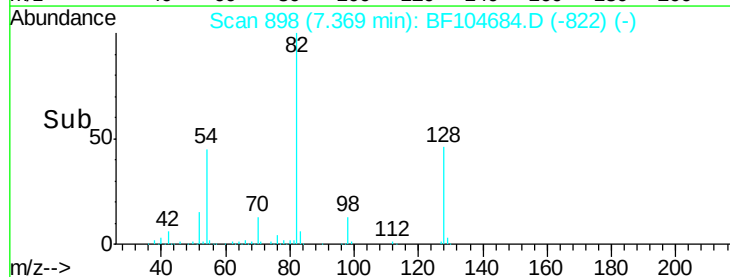
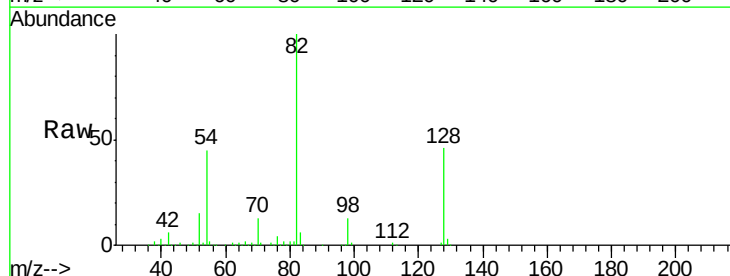
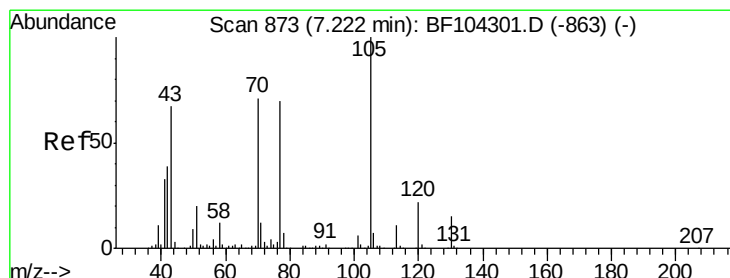
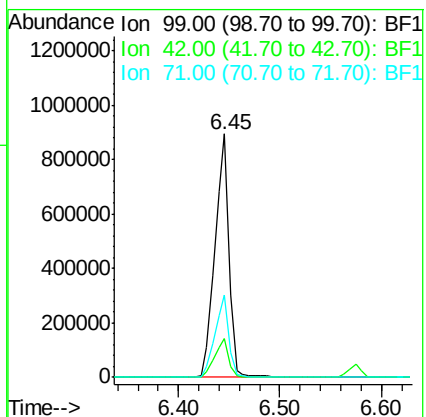
Tot Ion: 99 Resp: 865082

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

71 33.7 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.487 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF104684.D

Acq: 20 Apr 2018 19:40

Tgt Ion: 70 Resp: 64810

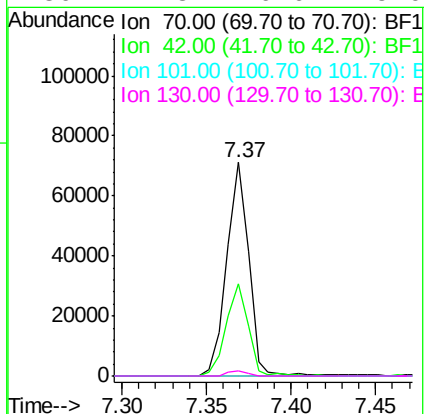
Ion Ratio Lower Upper

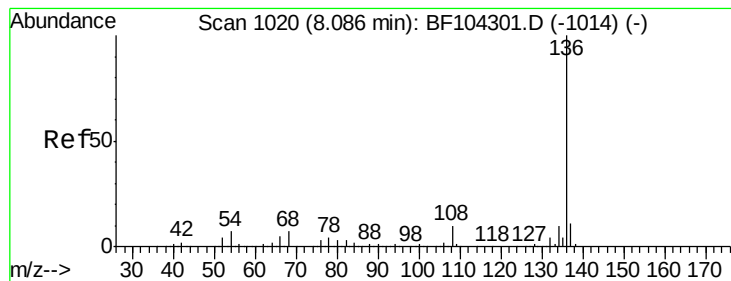
70 100

42 43.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF104684.D

Acq: 20 Apr 2018 19:40

Instrument :

BNA_F

ClientSampleId :

MDP-B-1-18-20

Tot Ion:136 Resp: 458193

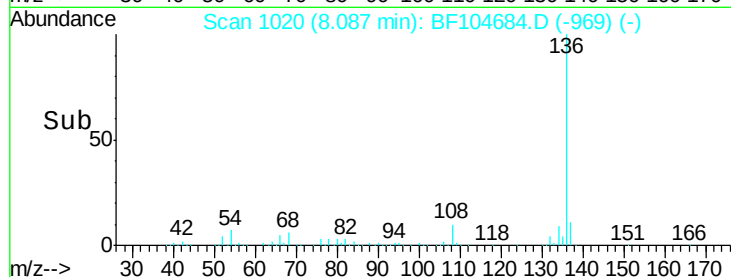
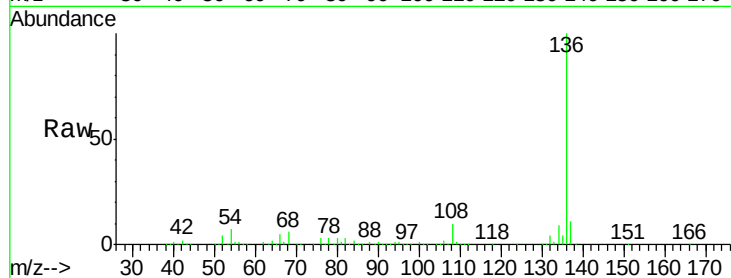
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.2 6.6 9.8

68 6.4 5.0 7.4

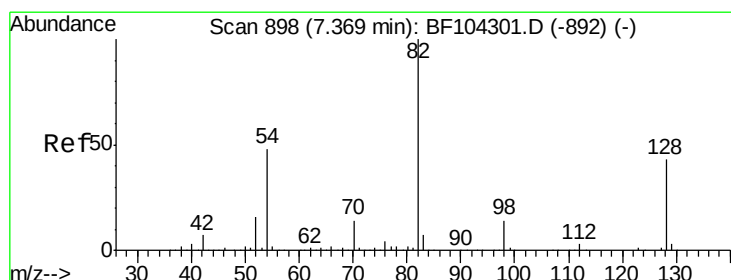
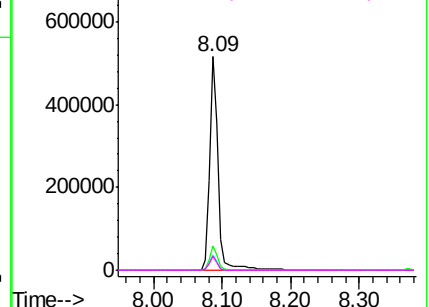


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.433 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF104684.D

Acq: 20 Apr 2018 19:40

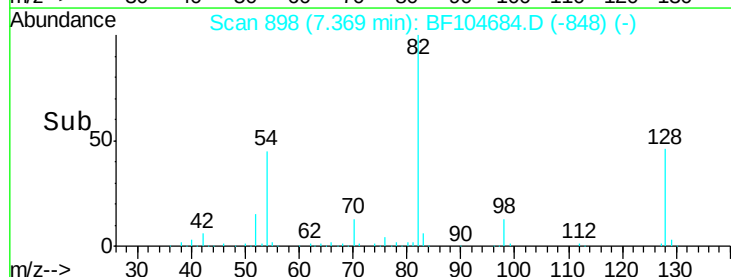
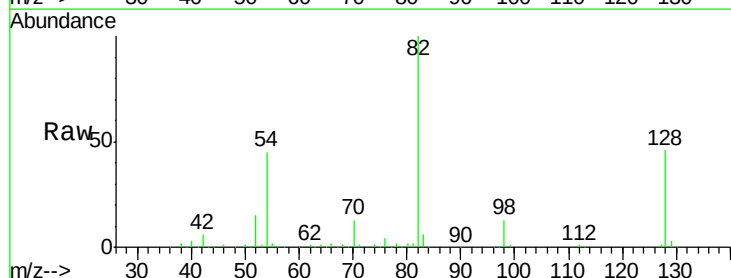
Tgt Ion: 82 Resp: 501243

Ion Ratio Lower Upper

82 100

128 45.5 36.1 54.1

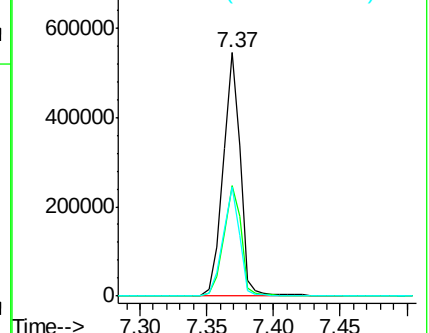
54 44.9 41.4 62.2

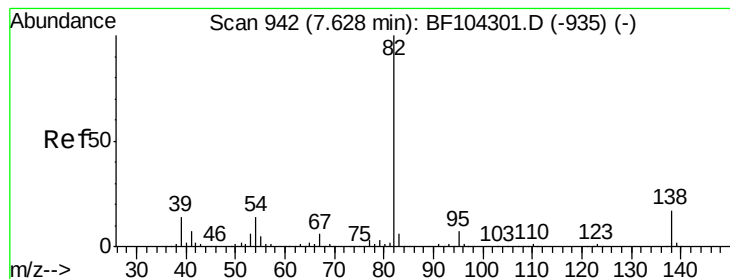


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 33.780 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104684.D

Acq: 20 Apr 2018 19:40

Instrument :

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ClientSampleId :

MDP-B-1-18-20

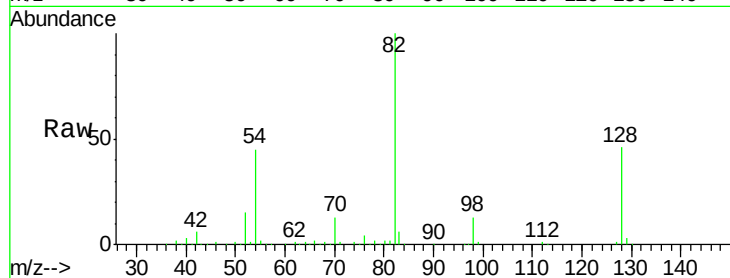
Tot Ion: 82 Resp: 501243

Ion Ratio Lower Upper

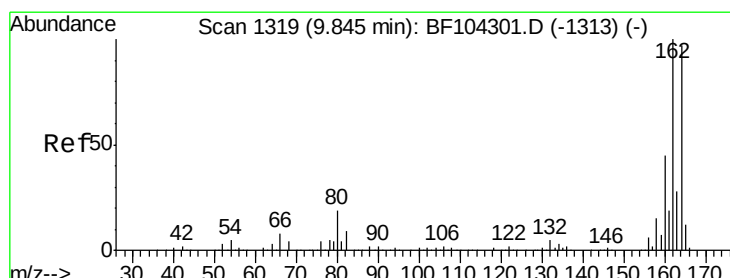
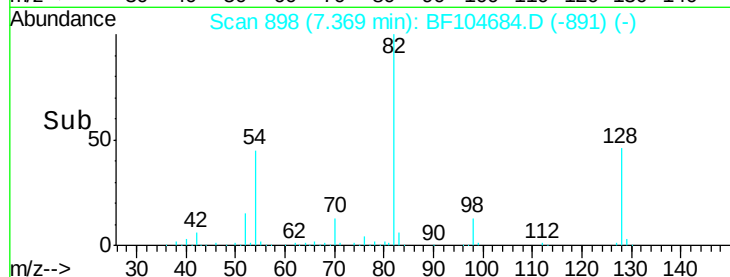
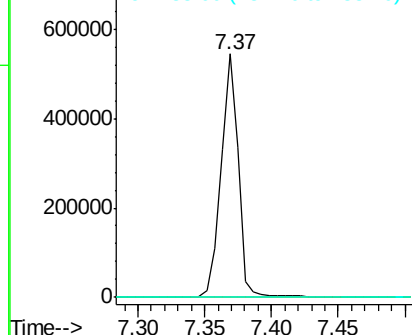
82 100

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: BF104684.D

Acq: 20 Apr 2018 19:40

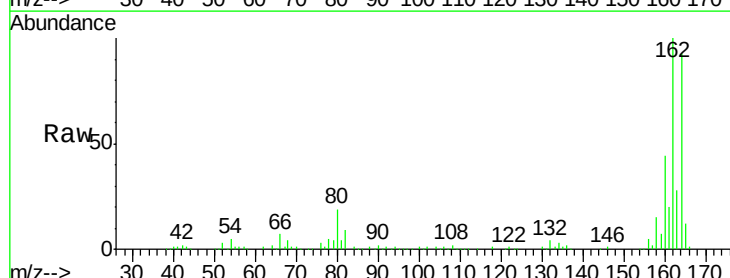
Tgt Ion:164 Resp: 183692

Ion Ratio Lower Upper

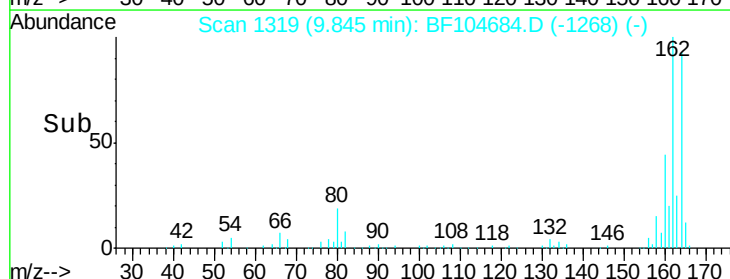
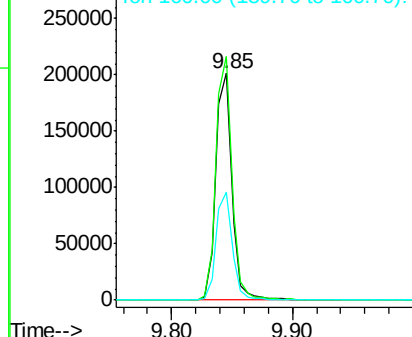
164 100

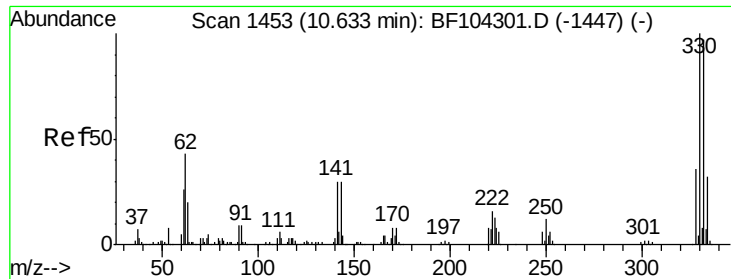
162 107.4 86.1 129.1

160 47.8 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

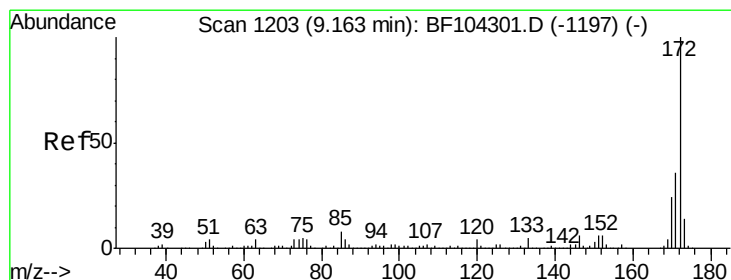
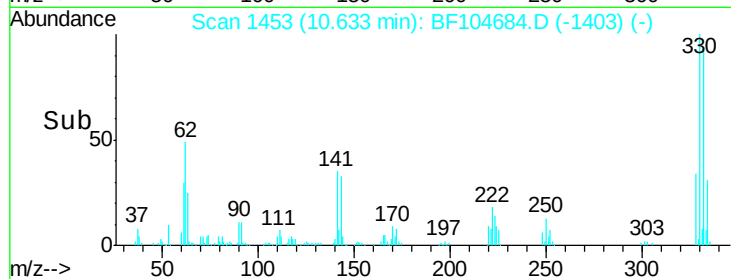
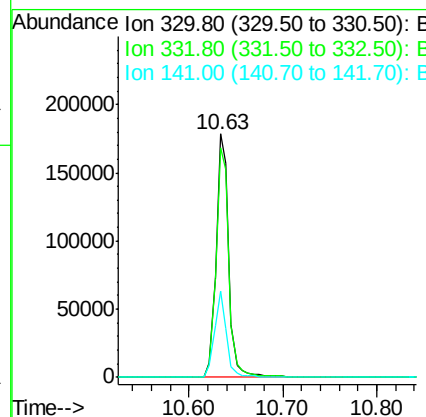
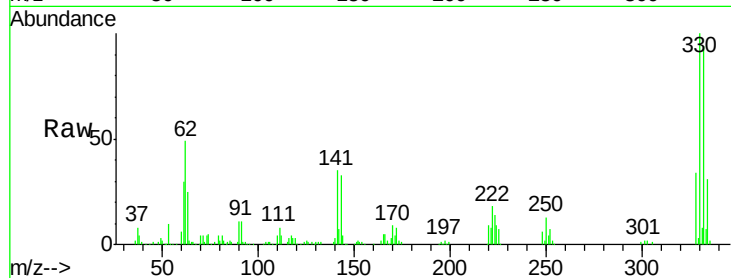




#41
 2,4,6-Tribromophenol
 Concen: 90.724 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104684.D
 Acq: 20 Apr 2018 19:40

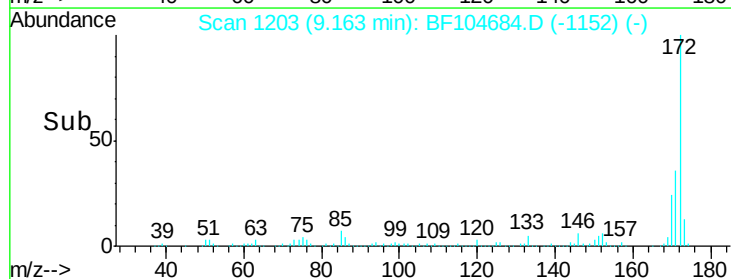
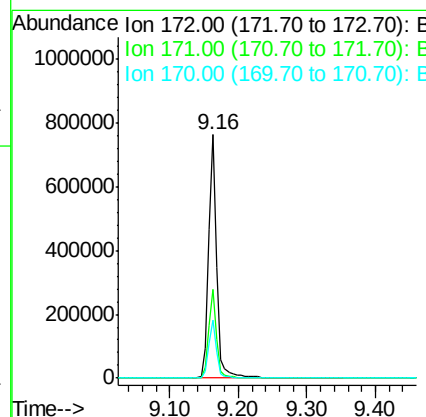
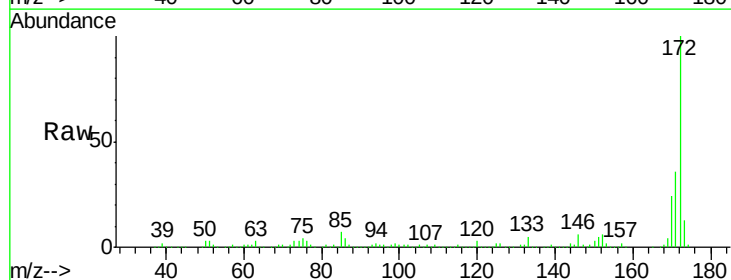
Instrument :
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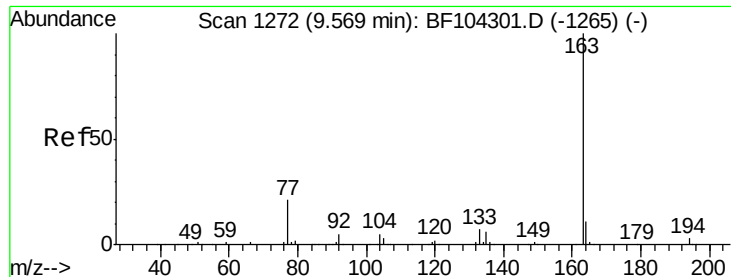
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	33.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 56.521 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF104684.D
 Acq: 20 Apr 2018 19:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.8	19.6	29.4

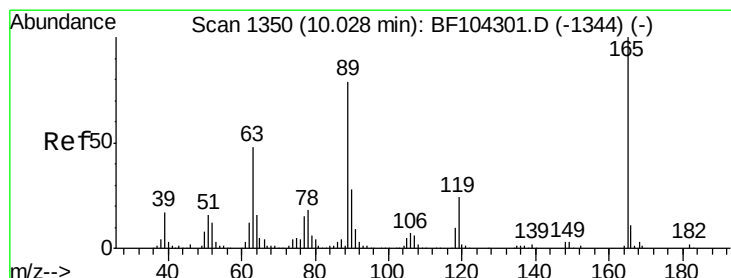
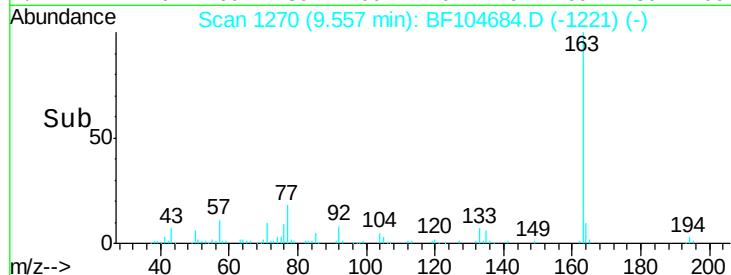
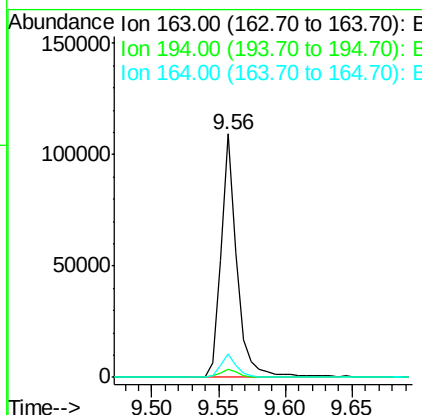
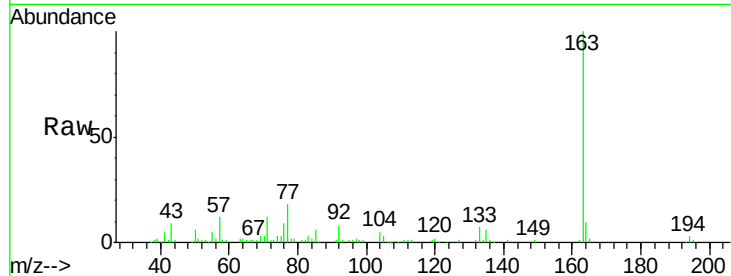




#49
Dimethylphthalate
Concen: 6.426 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104684.D
Acq: 20 Apr 2018 19:40

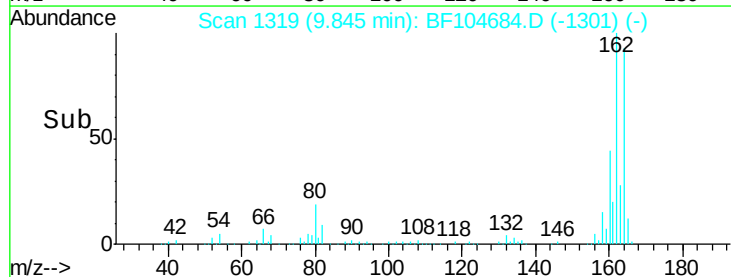
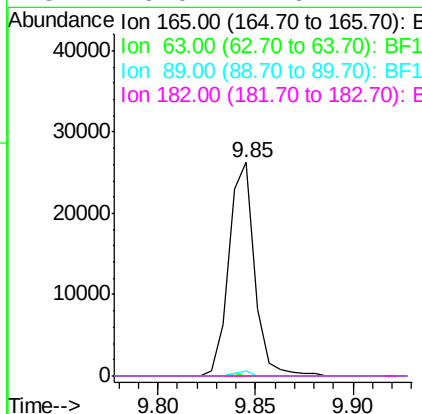
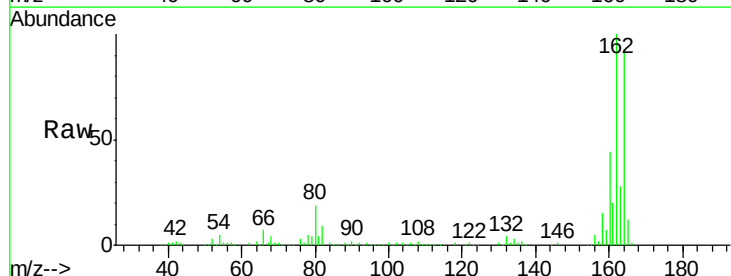
Instrument :
BNA_F
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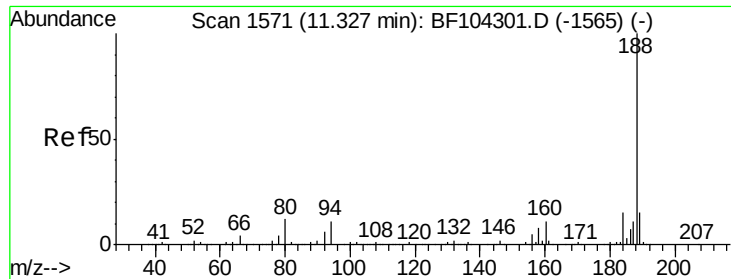
Tot Ion:163 Resp: 93079
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.8 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 6.819 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.19 min
Lab File: BF104684.D
Acq: 20 Apr 2018 19:40

Tgt Ion:165 Resp: 23976
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 2.3 57.8 86.6#
182 0.0 1.6 2.4#

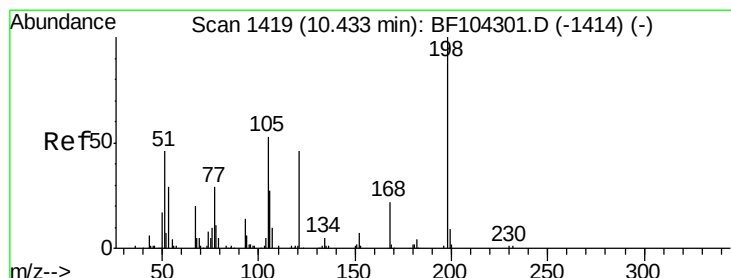
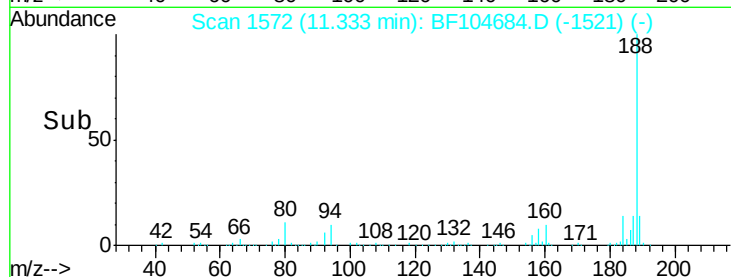
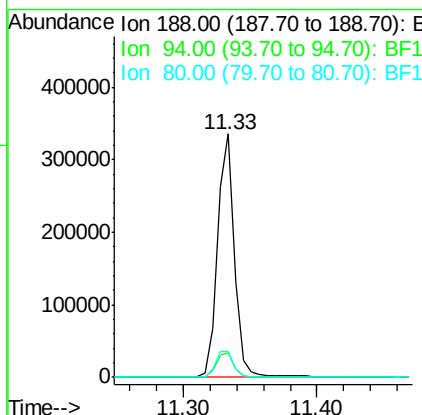
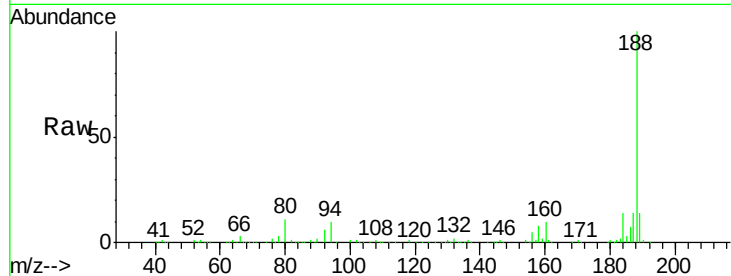




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104684.D
Acq: 20 Apr 2018 19:40

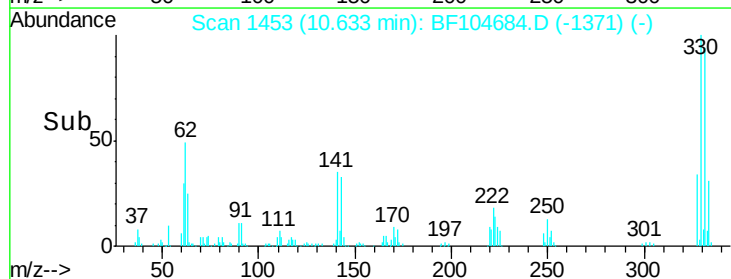
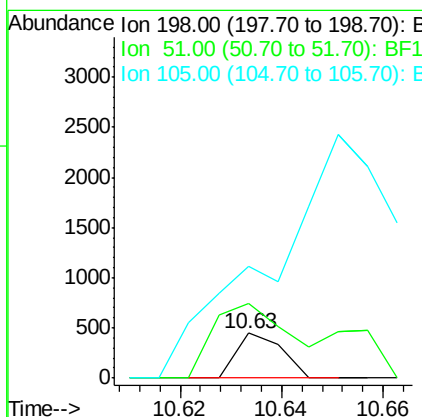
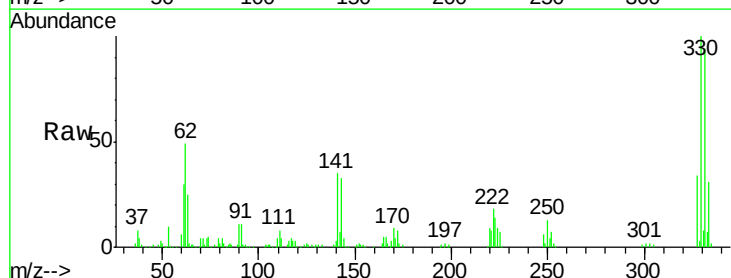
Instrument :
BNA_F
ClientSampleId :
MDP-B-1-18-20

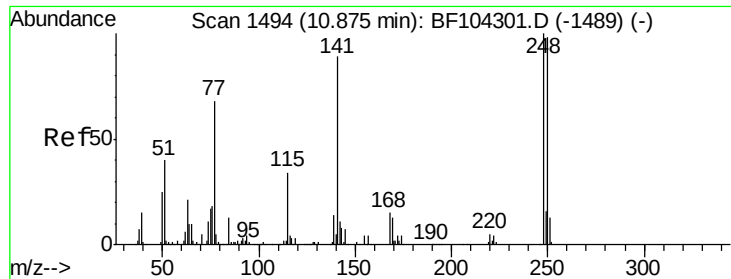
Tot Ion:188 Resp: 301153
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 10.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.507 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.18 min
Lab File: BF104684.D
Acq: 20 Apr 2018 19:40

Tgt Ion:198 Resp: 277
Ion Ratio Lower Upper
198 100
51 166.1 37.7 77.7#
105 248.6 36.3 76.3#

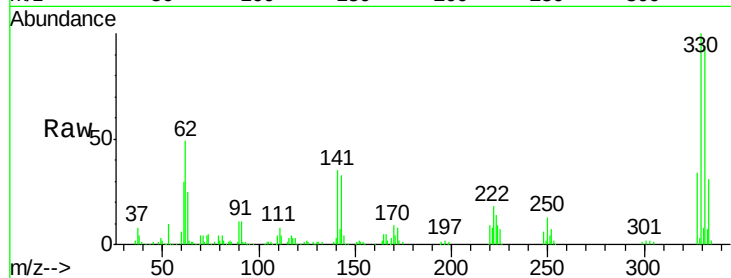




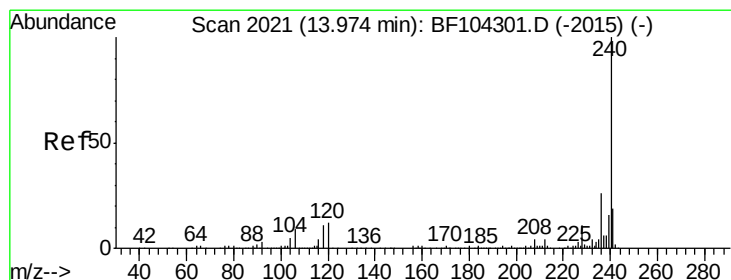
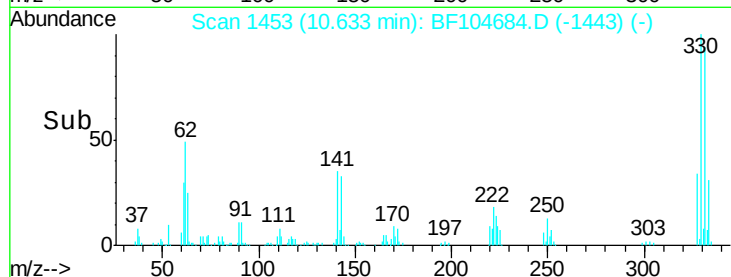
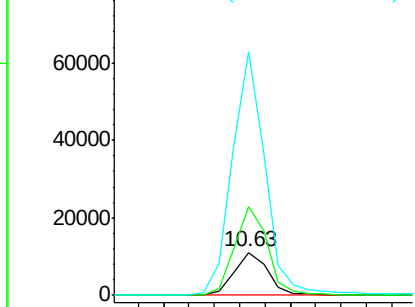
#66
4-Bromophenyl-phenylether
Concen: 3.169 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF104684.D
Acq: 20 Apr 2018 19:40

Instrument :
BNA_F
ClientSampleId :
MDP-B-1-18-20

Tot Ion:248 Resp: 10151
Ion Ratio Lower Upper
248 100
250 204.3 76.9 115.3#
141 563.8 74.4 111.6#

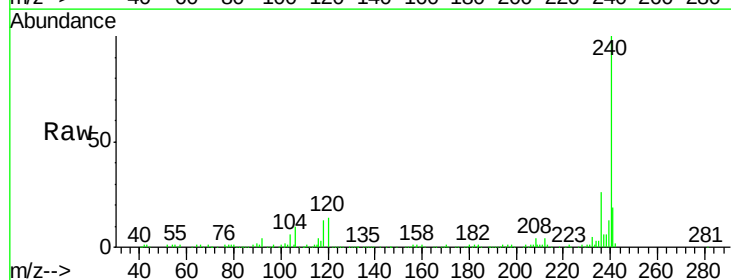


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

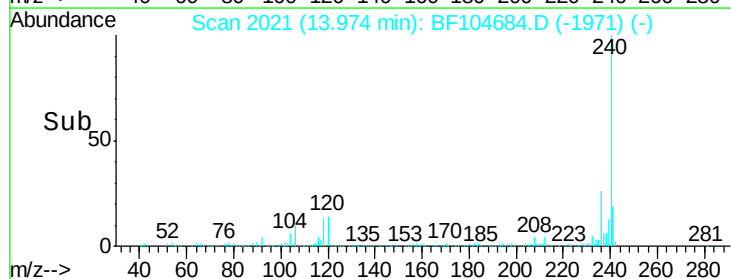
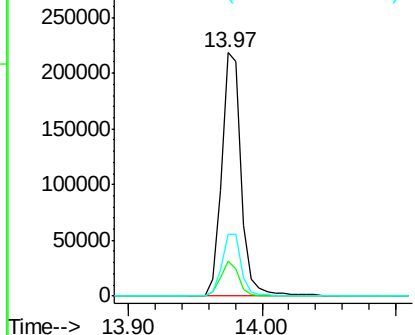


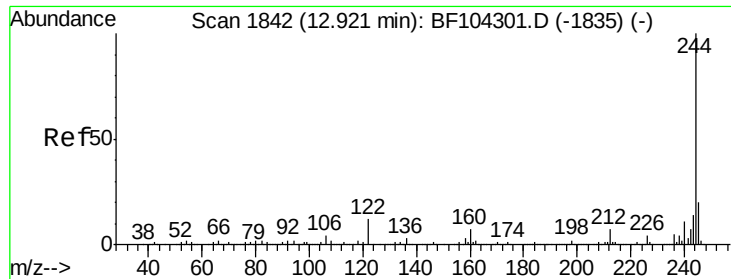
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104684.D
Acq: 20 Apr 2018 19:40

Tgt Ion:240 Resp: 226246
Ion Ratio Lower Upper
240 100
120 14.1 9.5 14.3
236 25.6 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

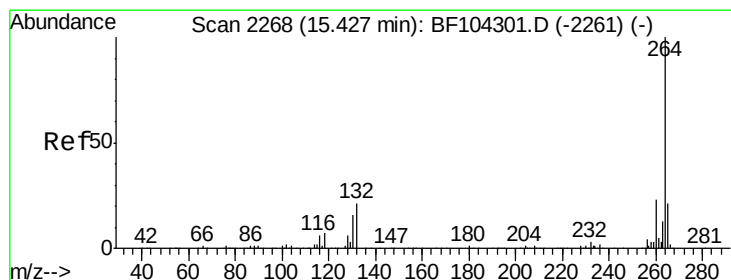
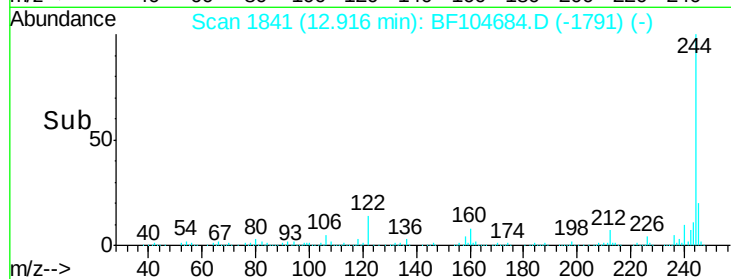
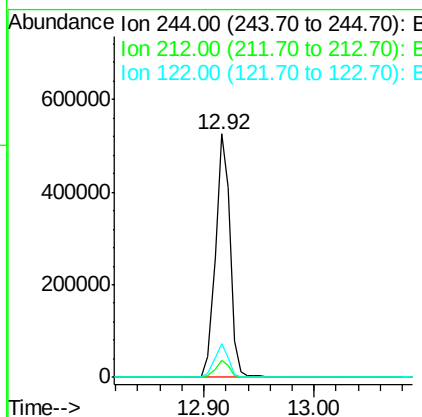
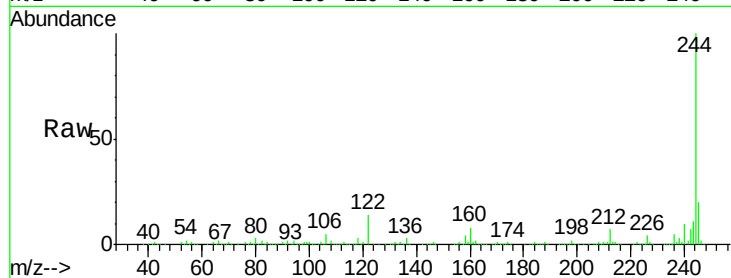




#78
 Terphenyl-d14
 Concen: 48.093 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104684.D
 Acq: 20 Apr 2018 19:40

Instrument :
 BNA_F
 ClientSampleId :
 MDP-B-1-18-20

Tot Ion:244 Resp: 477266
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.9 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: BF104684.D
 Acq: 20 Apr 2018 19:40

Tgt Ion:264 Resp: 174453
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.5 17.5 26.3

