

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050218\
 Data File : BF105045.D
 Acq On : 2 May 2018 21:36
 Operator : JU/SJ
 Sample : PB108663BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108763BL

Quant Time: May 03 04:27:48 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

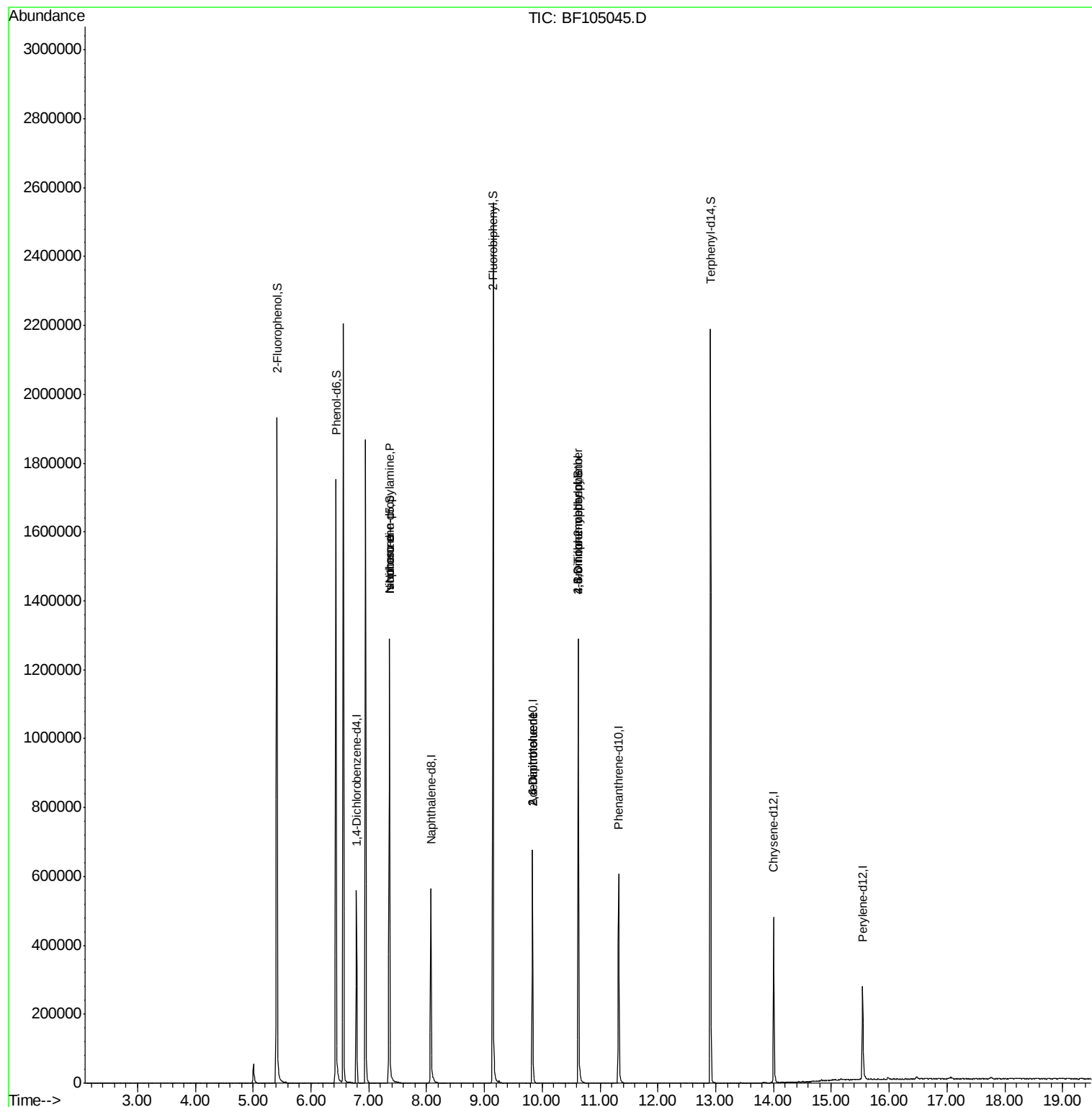
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	78424	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	327621	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	145634	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	245935	20.00	ng	0.00
75) Chrysene-d12	14.00	240	191031	20.00	ng	-0.03
86) Perylene-d12	15.54	264	146844	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	627483	122.34	ng	0.00
7) Phenol-d6	6.43	99	752208	119.36	ng	0.00
23) Nitrobenzene-d5	7.36	82	451193	89.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	175486	116.16	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	867230	94.07	ng	0.00
78) Terphenyl-d14	12.91	244	766189	91.44	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	58033	14.093	ng	# 71
25) Isophorone	7.36	82	445165	41.958	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	18132	8.532	ng	# 24
56) 2,4-Dinitrotoluene	9.83	165	18132	6.505	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.62	198	145	7.450	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	10709	4.094	ng	# 1
76) Benizidine	12.91	184	9360	Below Cal		98

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

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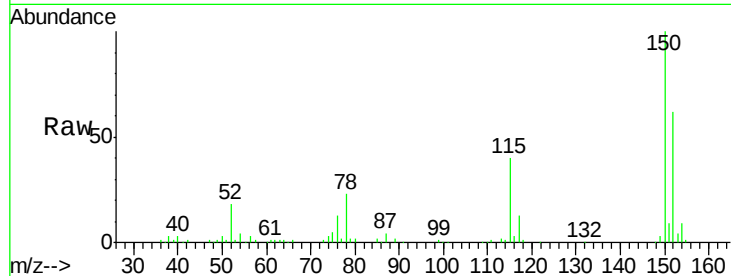




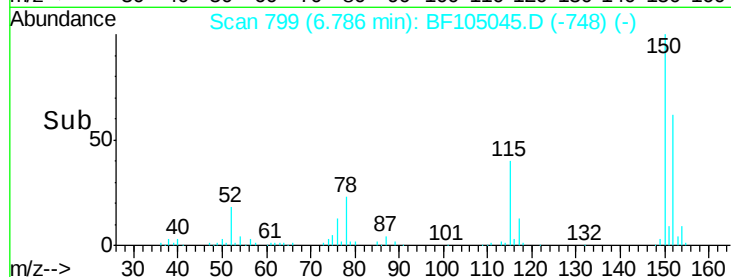
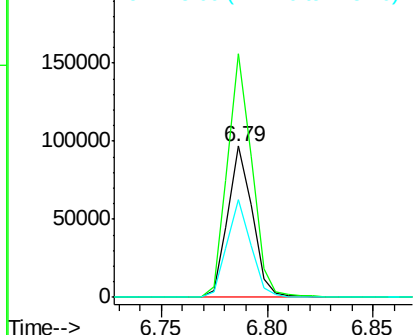
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF105045.D
 Acq: 2 May 2018 21:36

Instrument :
 BNA_F
 ClientSampleId :
 PB108763BL

Tgt Ion:152 Resp: 78424
 Ion Ratio Lower Upper
 152 100
 150 161.2 124.6 186.8
 115 65.0 50.1 75.1

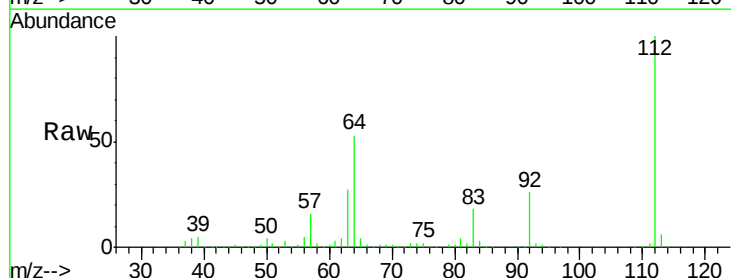


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

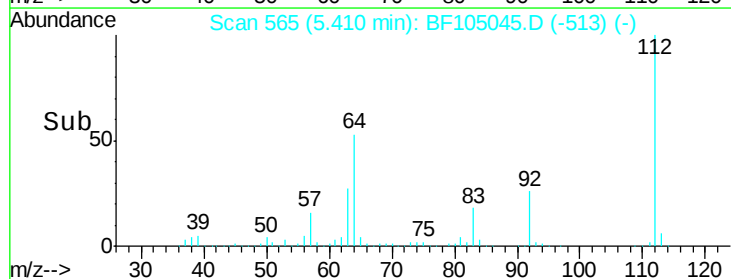
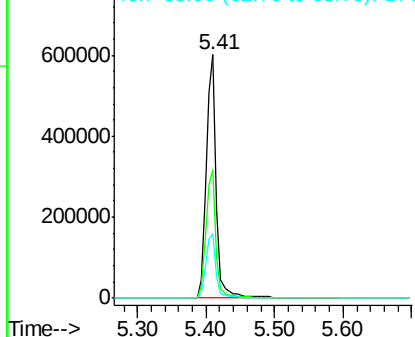


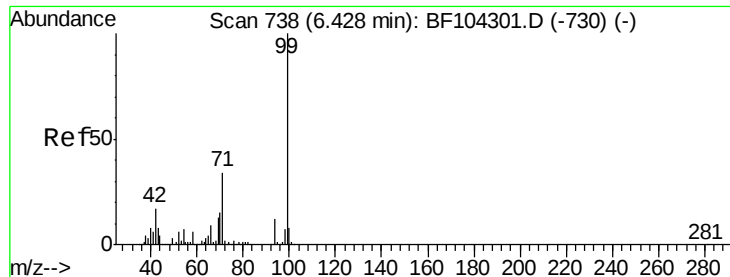
#5
 2-Fluorophenol
 Concen: 122.342 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF105045.D
 Acq: 2 May 2018 21:36

Tgt Ion:112 Resp: 627483
 Ion Ratio Lower Upper
 112 100
 64 52.9 47.9 71.9
 63 26.6 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: 119.365 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF105045.D

Acq: 2 May 2018 21:36

Instrument :

BNA_F

ClientSampleId :

PB108763BL

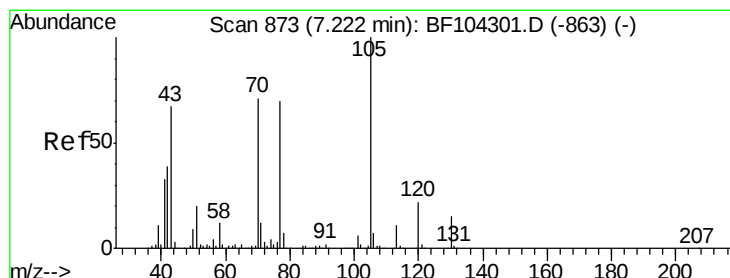
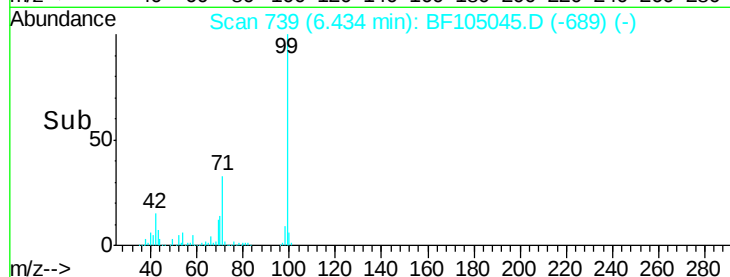
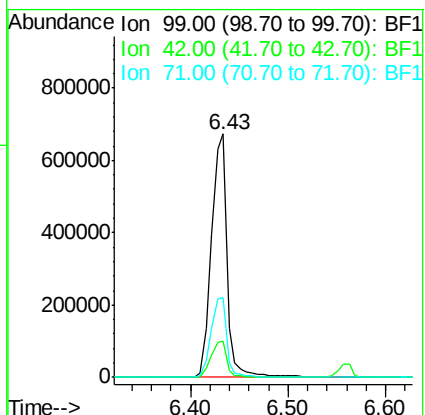
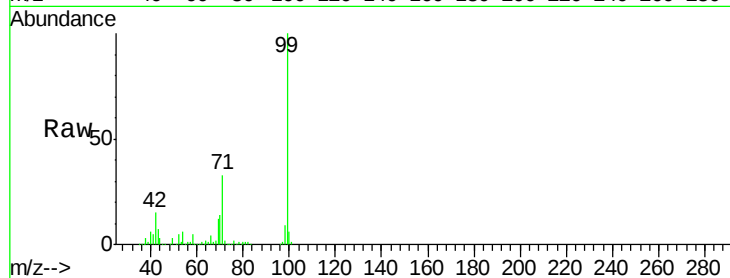
Tgt Ion: 99 Resp: 752208

Ion Ratio Lower Upper

99 100

42 14.9 14.5 21.7

71 32.9 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.093 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF105045.D

Acq: 2 May 2018 21:36

Tgt Ion: 70 Resp: 58033

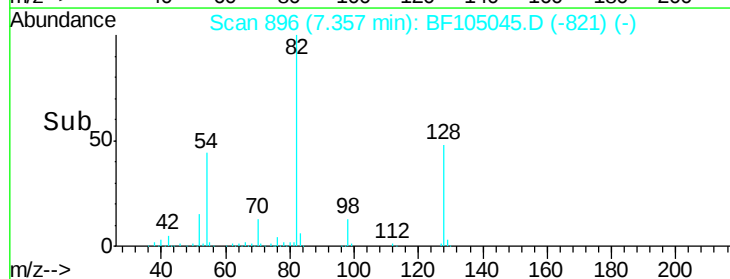
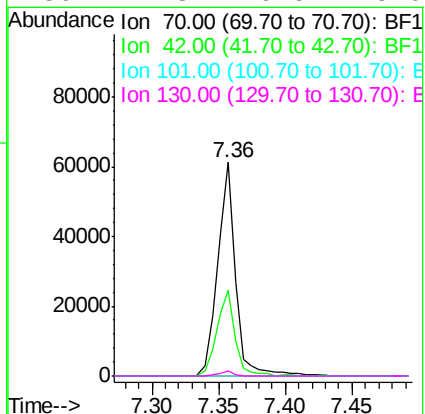
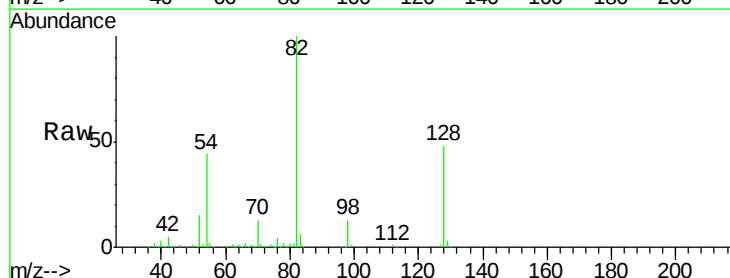
Ion Ratio Lower Upper

70 100

42 40.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

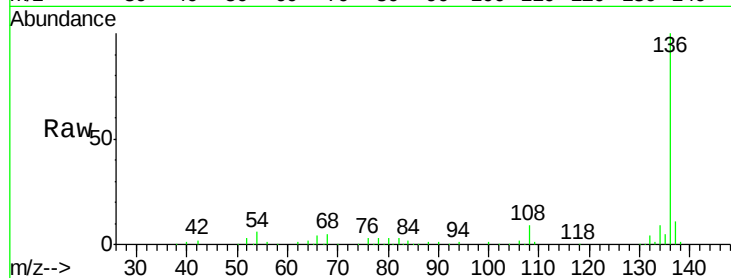




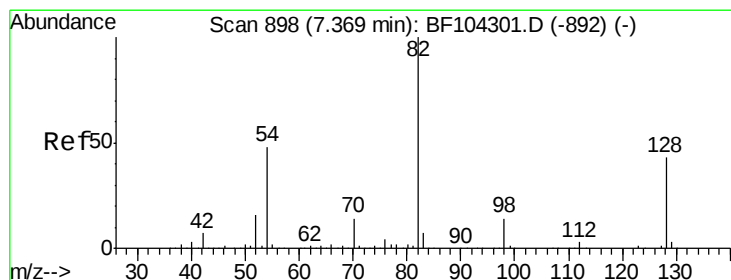
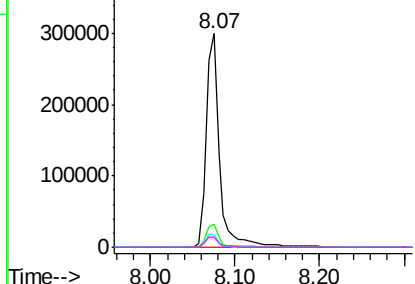
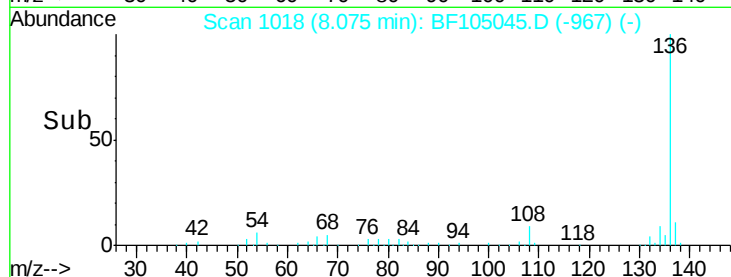
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105045.D
Acq: 2 May 2018 21:36

Instrument :
BNA_F
ClientSampleId :
PB108763BL

Tgt Ion: 136 Resp: 327621
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.0 6.6 9.8#
68 5.0 5.0 7.4

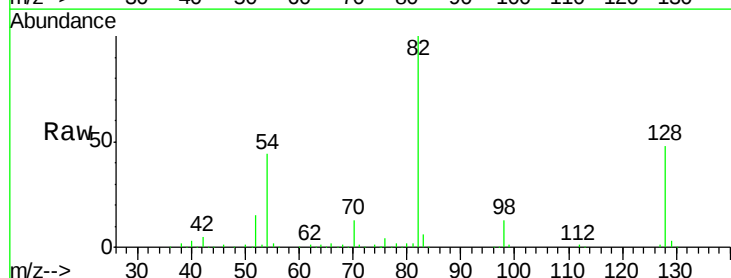


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

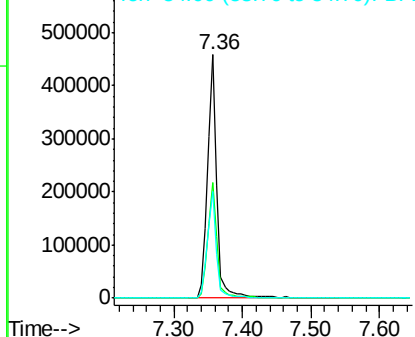
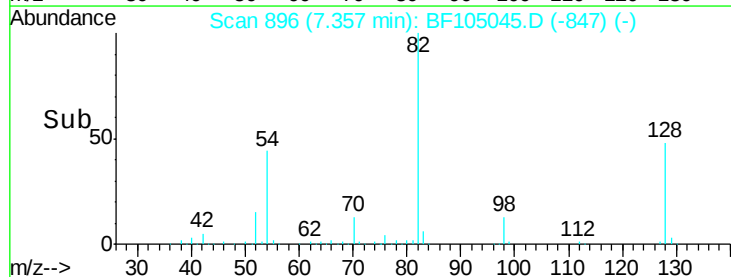


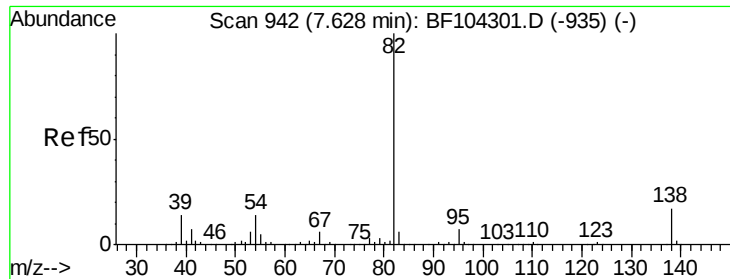
#23
Nitrobenzene-d5
Concen: 89.927 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105045.D
Acq: 2 May 2018 21:36

Tgt Ion: 82 Resp: 451193
Ion Ratio Lower Upper
82 100
128 47.7 36.1 54.1
54 43.9 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: 41.958 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF105045.D

Acq: 2 May 2018 21:36

Instrument :

BNA_F

ClientSampleId :

PB108763BL

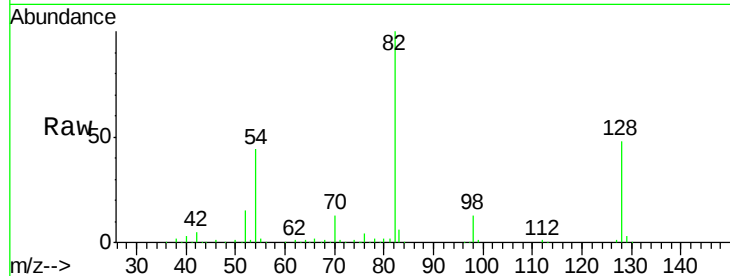
Tgt Ion: 82 Resp: 445165

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

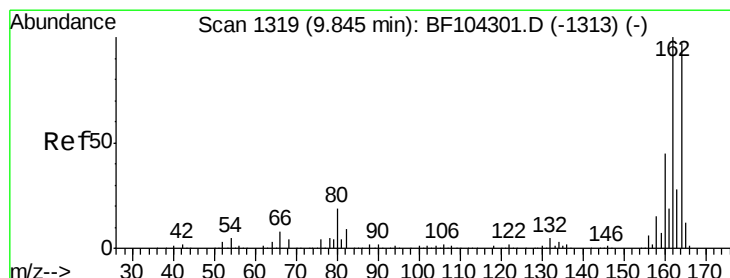
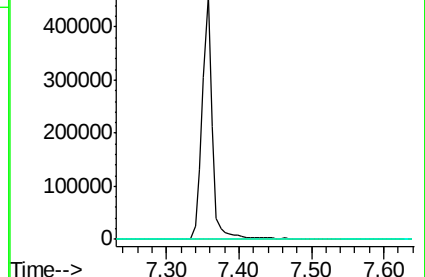
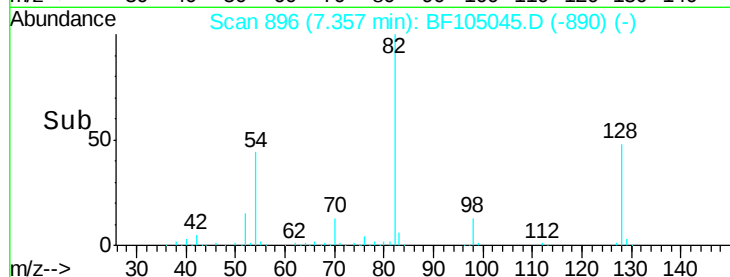
138 0.0 14.9 22.3#



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: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF105045.D

Acq: 2 May 2018 21:36

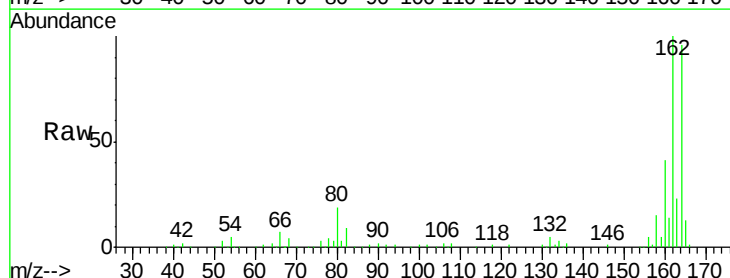
Tgt Ion: 164 Resp: 145634

Ion Ratio Lower Upper

164 100

162 104.5 86.1 129.1

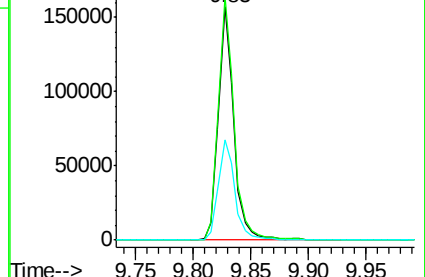
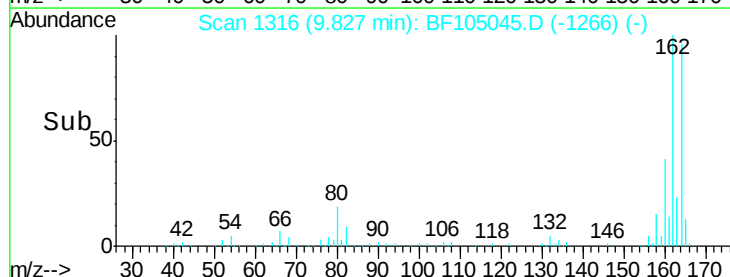
160 43.2 38.3 57.5



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

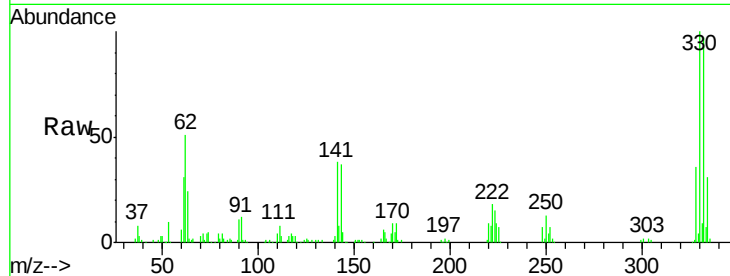




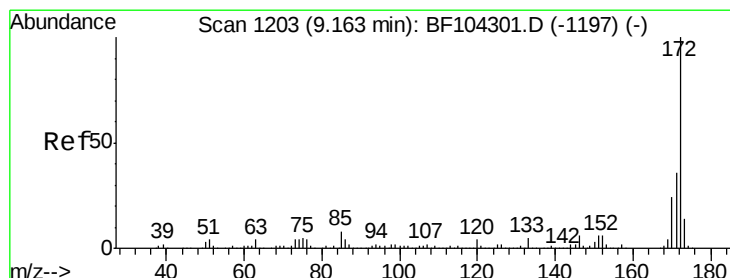
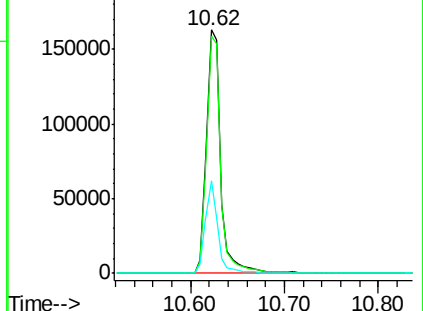
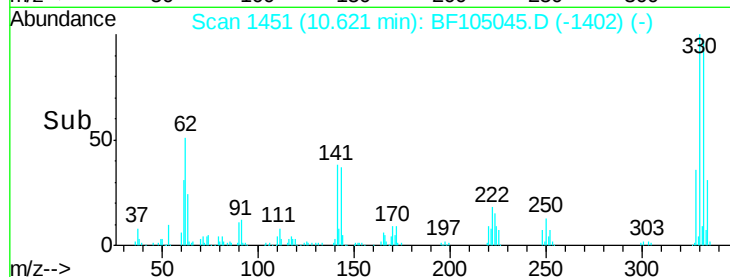
#41
 2,4,6-Tribromophenol
 Concen: 116.162 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF105045.D
 Acq: 2 May 2018 21:36

Instrument :
 BNA_F
 ClientSampleId :
 PB108763BL

Tgt Ion:330 Resp: 175486
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 33.2 29.9 44.9

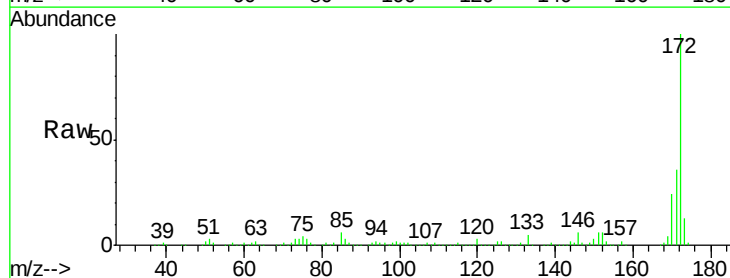


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

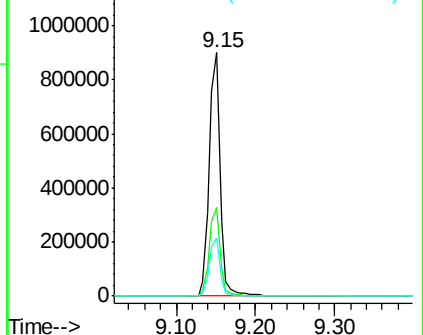
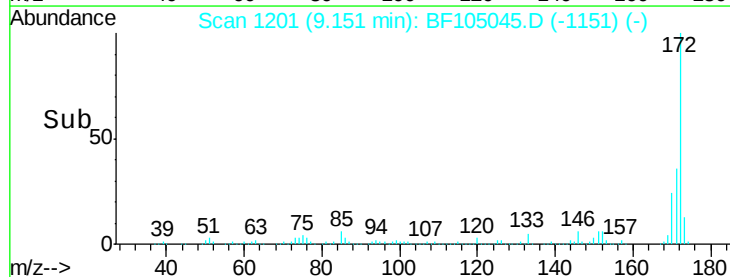


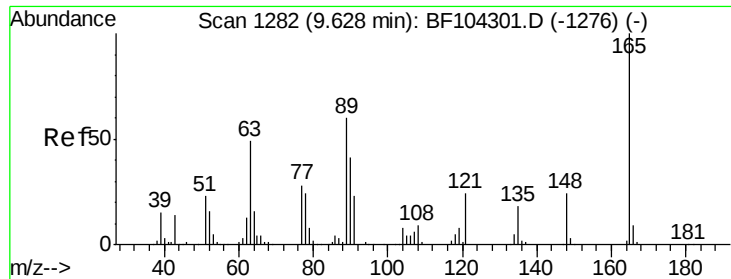
#44
 2-Fluorobiphenyl
 Concen: 94.072 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105045.D
 Acq: 2 May 2018 21:36

Tgt Ion:172 Resp: 867230
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.0 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

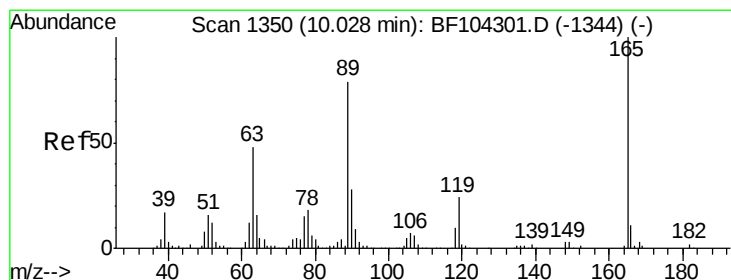
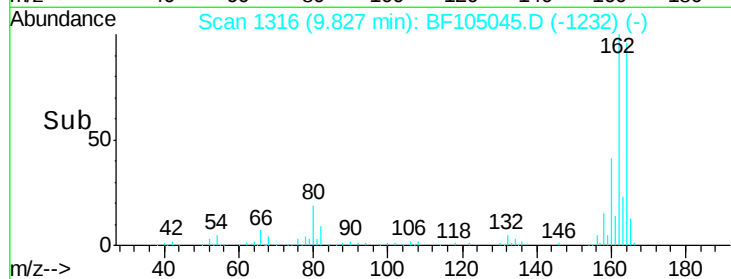
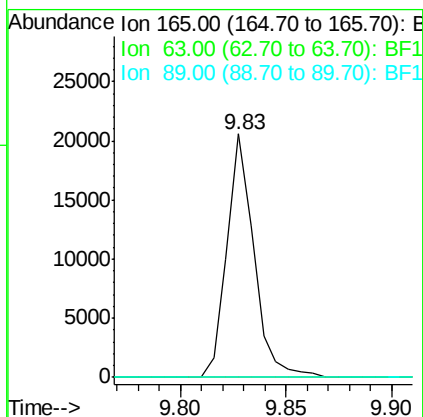
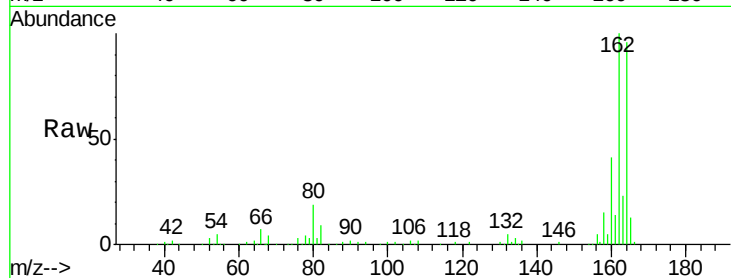




#50
 2,6-Dinitrotoluene
 Concen: 8.532 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.19 min
 Lab File: BF105045.D
 Acq: 2 May 2018 21:36

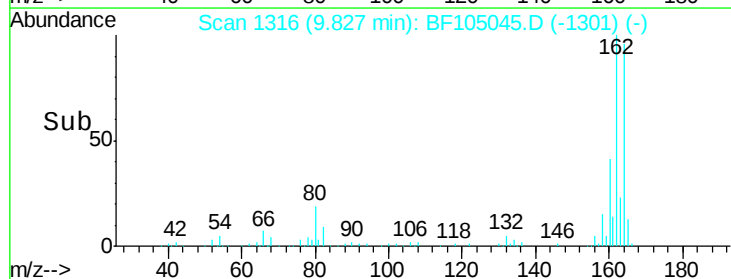
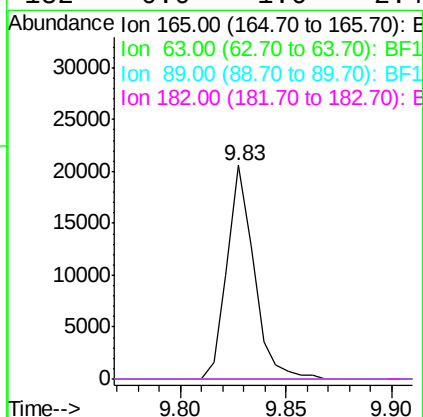
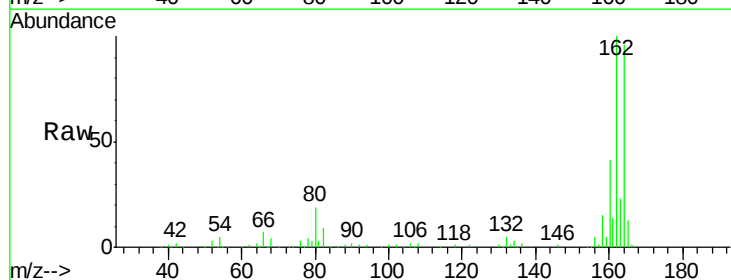
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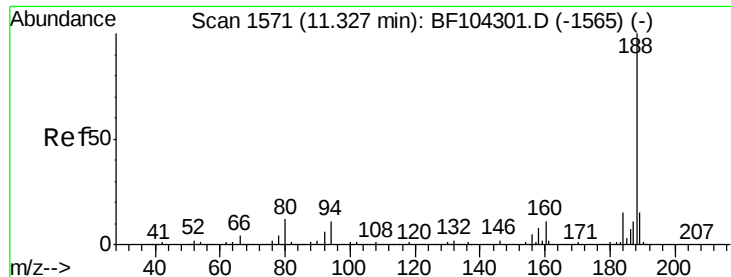
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.505 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF105045.D
 Acq: 2 May 2018 21:36

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

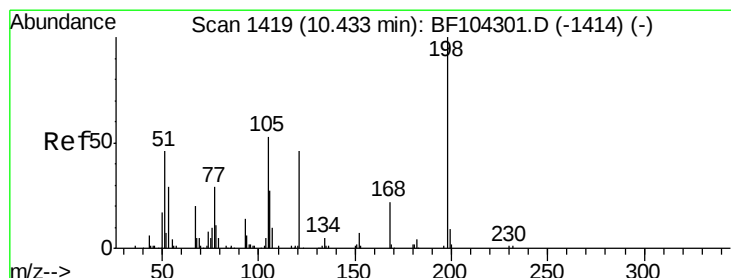
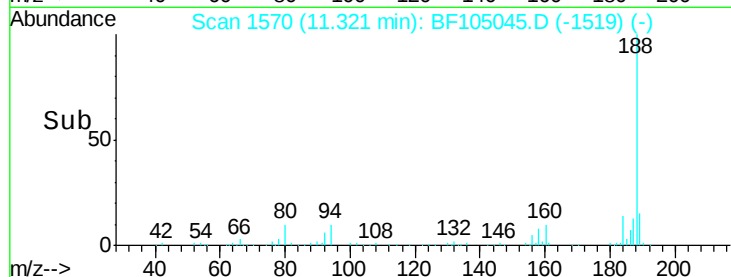
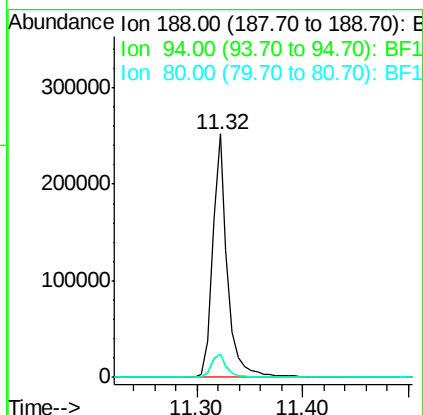
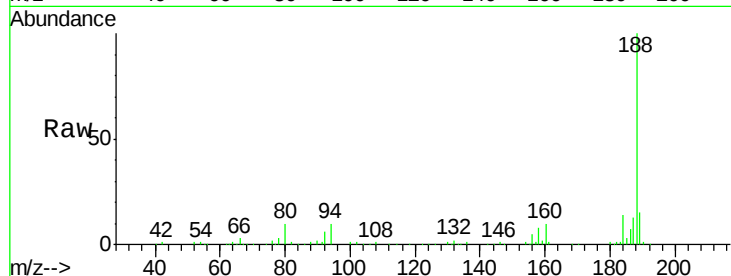




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF105045.D
Acq: 2 May 2018 21:36

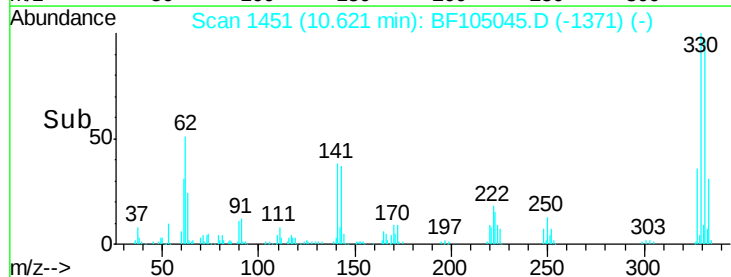
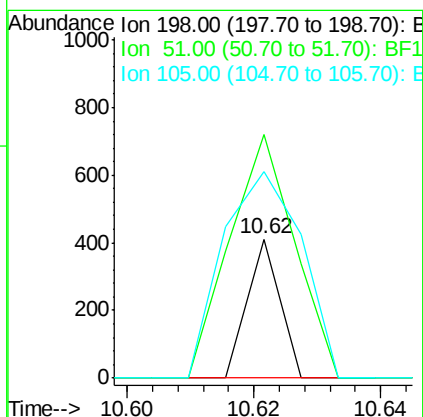
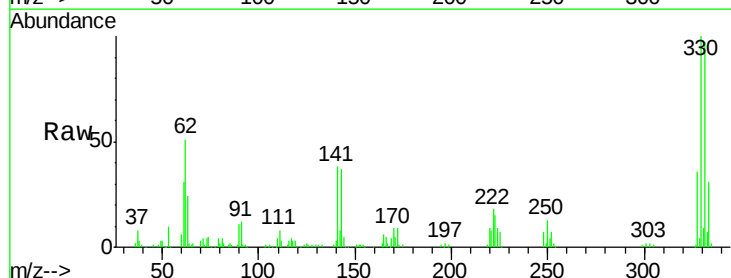
Instrument :
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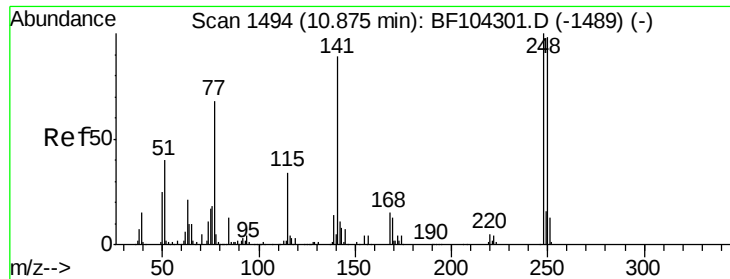
Tgt Ion:188 Resp: 245935
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 9.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.450 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.17 min
Lab File: BF105045.D
Acq: 2 May 2018 21:36

Tgt Ion:198 Resp: 145
Ion Ratio Lower Upper
198 100
51 175.2 37.7 77.7#
105 148.7 36.3 76.3#

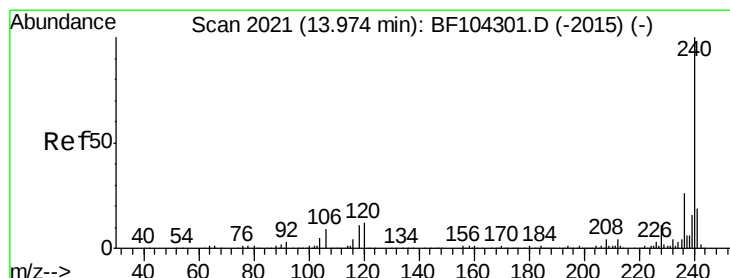
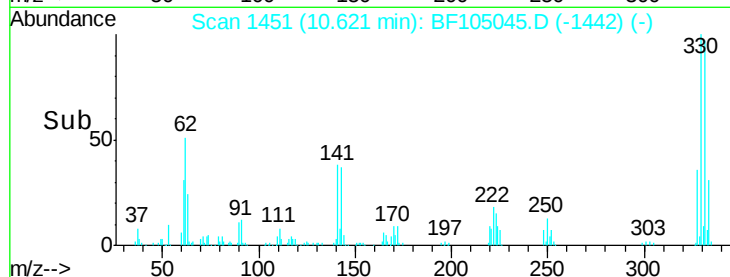
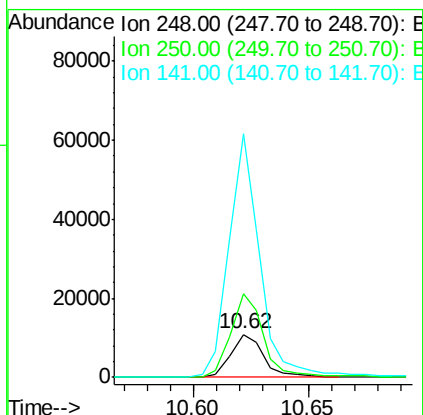
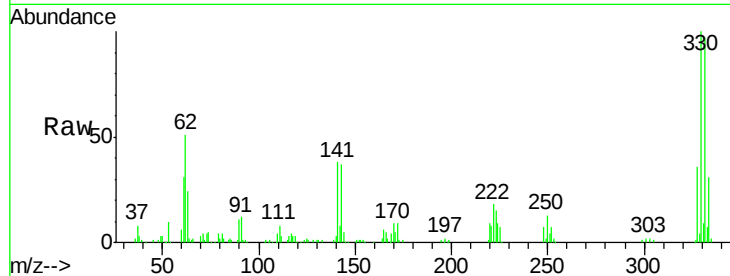




#66
 4-Bromophenyl-phenylether
 Concen: 4.094 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.25 min
 Lab File: BF105045.D
 Acq: 2 May 2018 21:36

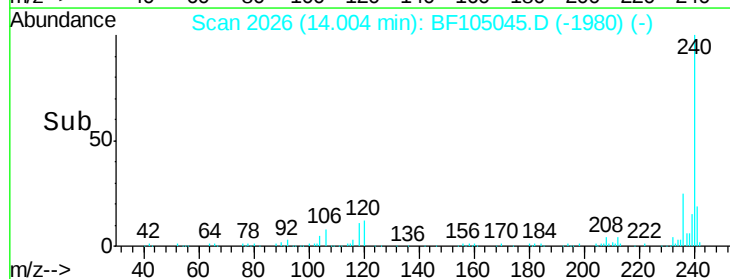
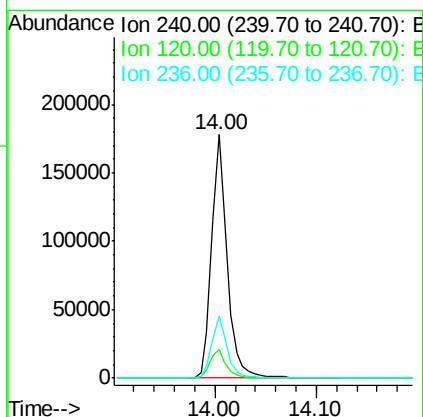
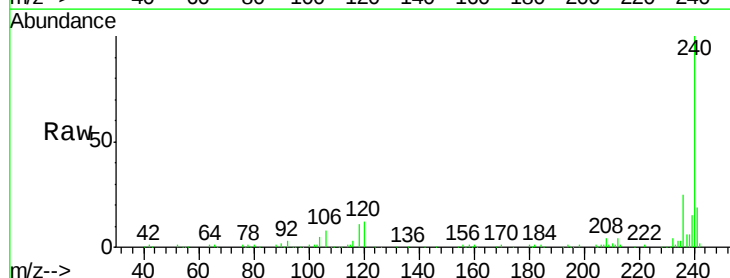
Instrument :
 BNA_F
 ClientSampleId :
 PB108763BL

Tgt Ion:248 Resp: 10709
 Ion Ratio Lower Upper
 248 100
 250 192.4 76.9 115.3#
 141 563.2 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.03 min
 Lab File: BF105045.D
 Acq: 2 May 2018 21:36

Tgt Ion:240 Resp: 191031
 Ion Ratio Lower Upper
 240 100
 120 11.7 9.5 14.3
 236 25.3 20.7 31.1

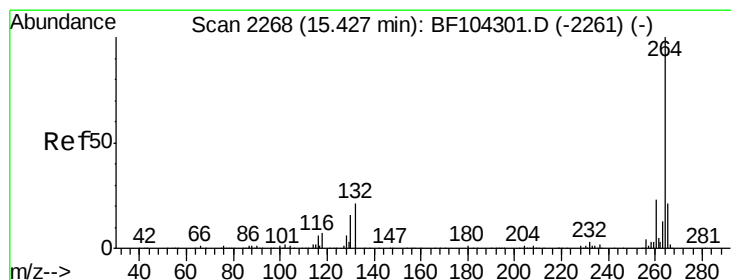
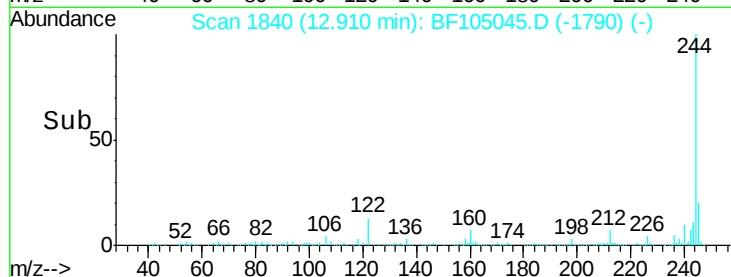
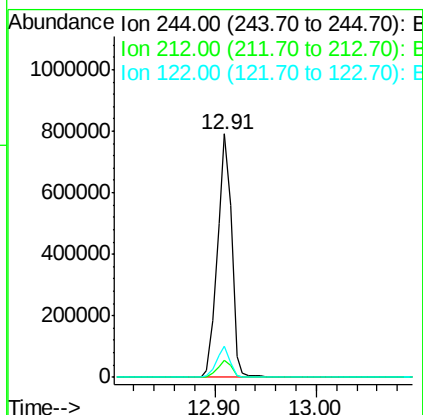
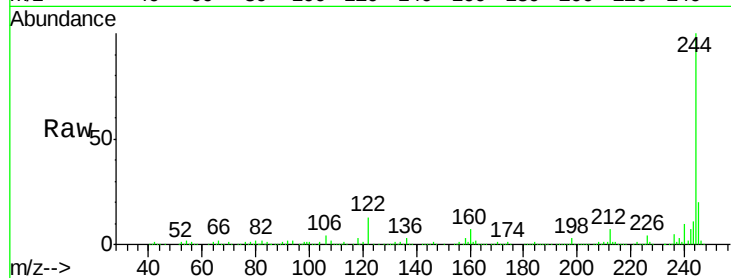




#78
 Terphenyl-d14
 Concen: 91.440 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF105045.D
 Acq: 2 May 2018 21:36

Instrument :
 BNA_F
 ClientSampleId :
 PB108763BL

Tgt Ion:244 Resp: 766189
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.05 min
 Lab File: BF105045.D
 Acq: 2 May 2018 21:36

Tgt Ion:264 Resp: 146844
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 19.5 17.5 26.3

