

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050218\
 Data File : BF105063.D
 Acq On : 3 May 2018 6:28
 Operator : JU/SJ
 Sample : J2684-09
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 043018-DBRI-E-U-M

Quant Time: May 03 07:03:22 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

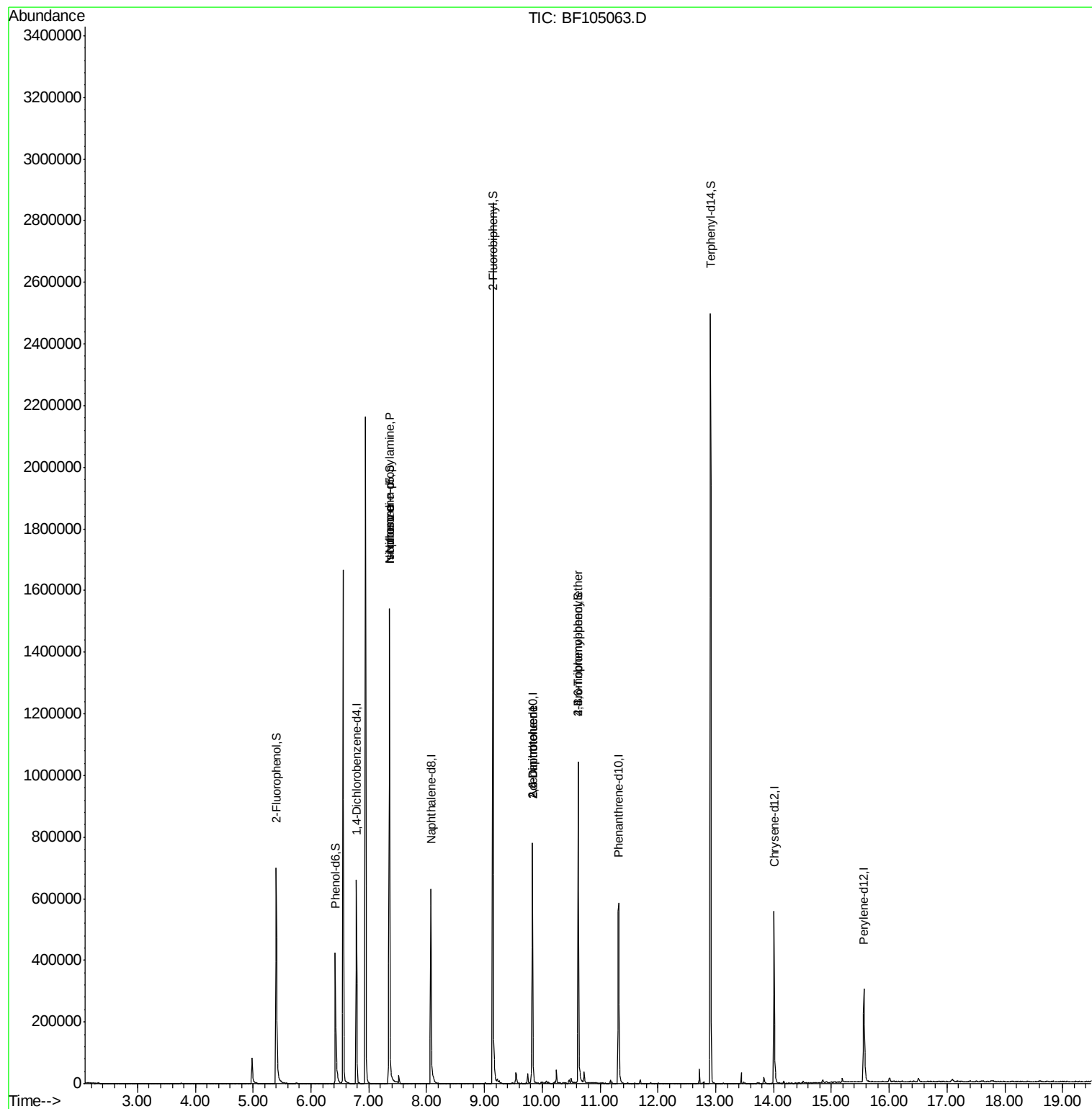
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	93761	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	379676	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	162544	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	266272	20.00	ng	0.00
75) Chrysene-d12	14.01	240	226902	20.00	ng	-0.02
86) Perylene-d12	15.56	264	176483	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	252076	41.11	ng	0.00
7) Phenol-d6	6.42	99	187671	24.91	ng	-0.02
23) Nitrobenzene-d5	7.36	82	568993	97.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	145552	86.32	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	998038	97.00	ng	0.00
78) Terphenyl-d14	12.91	244	895430	89.97	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	73081	14.844	ng	# 71
25) Isophorone	7.36	82	561642	45.678	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	20780	8.761	ng	# 25
56) 2,4-Dinitrotoluene	9.83	165	20780	6.679	ng	# 22
66) 4-Bromophenyl-phenylether	10.62	248	8706	3.074	ng	# 1
76) Benzidine	12.91	184	11402	Below Cal		96

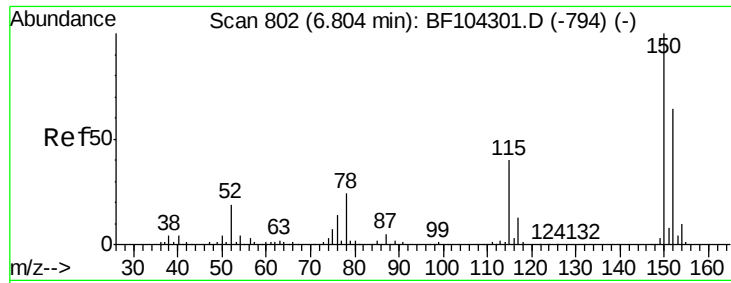
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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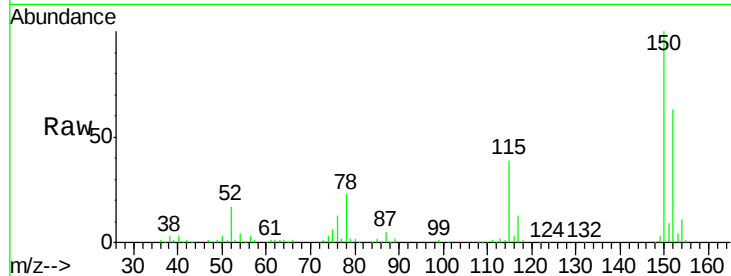


#1

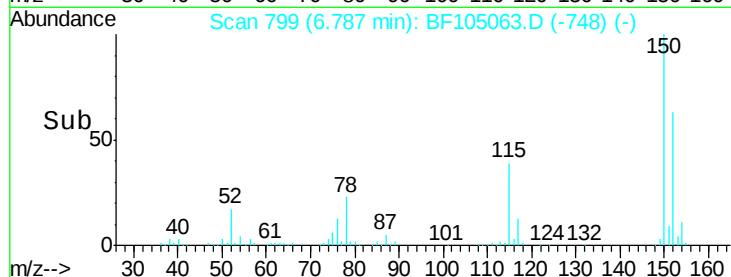
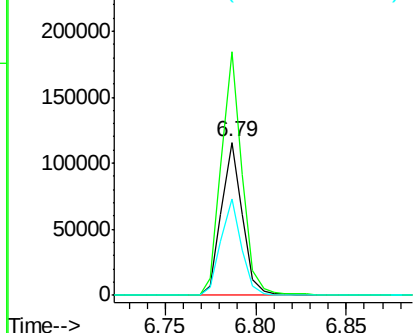
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF105063.D
Acq: 3 May 2018 6:28

Instrument :
BNA_F
ClientSampleId :
043018-DBRI-E-U-M

Tgt Ion:152 Resp: 93761
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 62.6 50.1 75.1



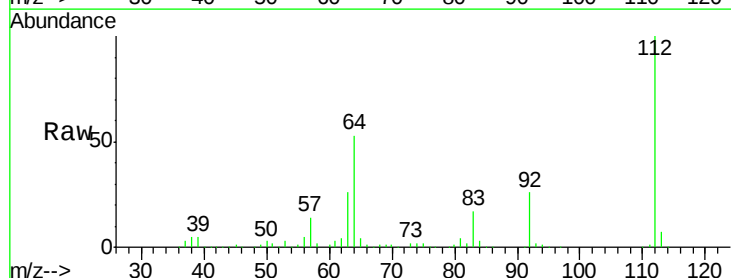
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



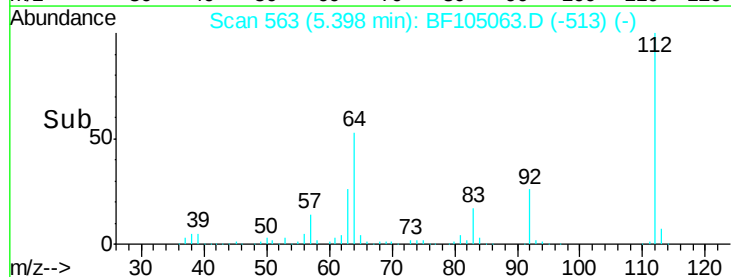
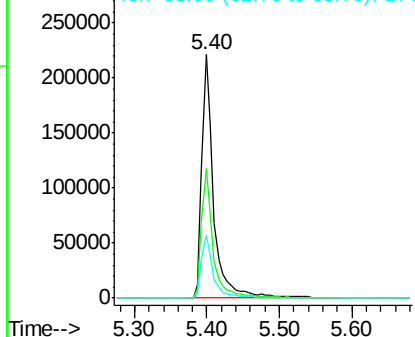
#5

2-Fluorophenol
Concen: 41.109 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF105063.D
Acq: 3 May 2018 6:28

Tgt Ion:112 Resp: 252076
Ion Ratio Lower Upper
112 100
64 53.3 47.9 71.9
63 25.7 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: 24.909 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF105063.D

Acq: 3 May 2018 6:28

Instrument :

BNA_F

ClientSampleId :

043018-DBRI-E-U-M

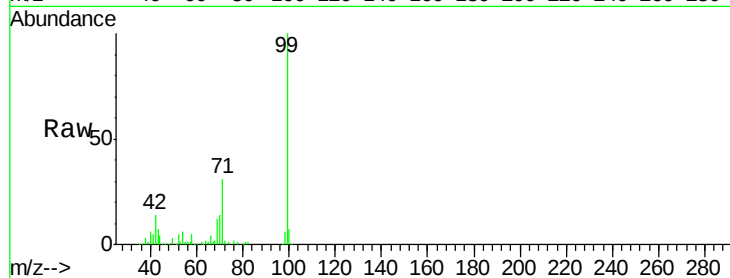
Tgt Ion: 99 Resp: 187671

Ion Ratio Lower Upper

99 100

42 14.2 14.5 21.7#

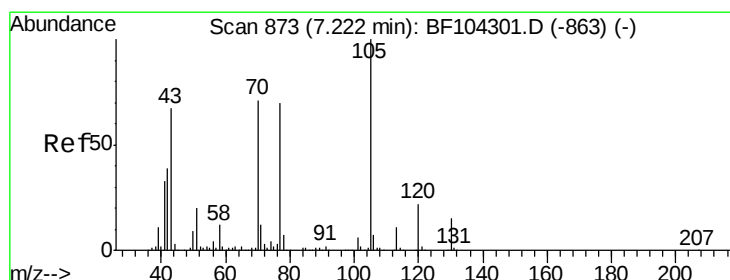
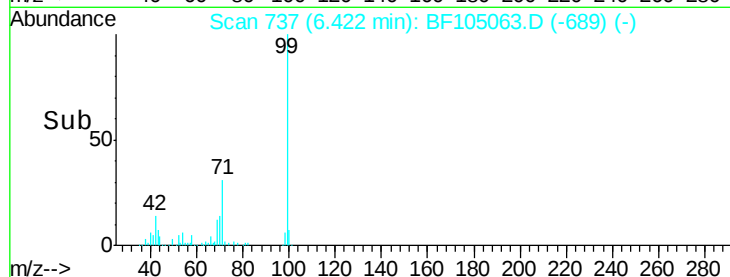
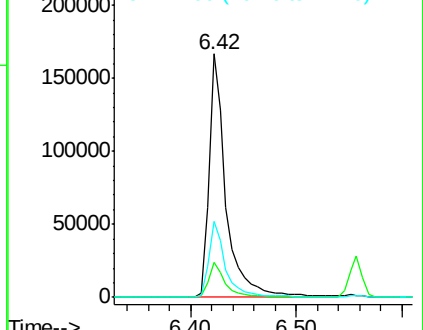
71 31.0 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.844 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF105063.D

Acq: 3 May 2018 6:28

Tgt Ion: 70 Resp: 73081

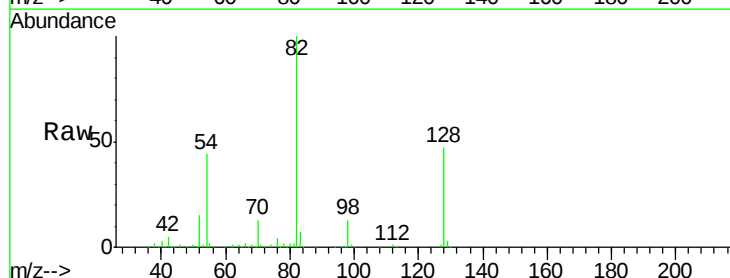
Ion Ratio Lower Upper

70 100

42 40.3 47.5 71.3#

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

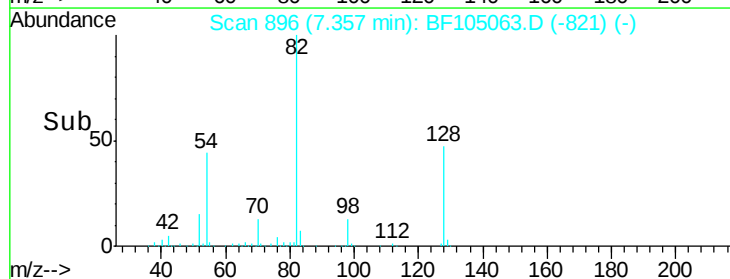
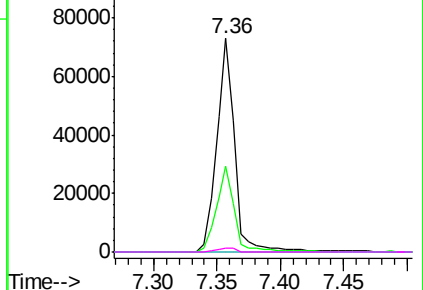


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

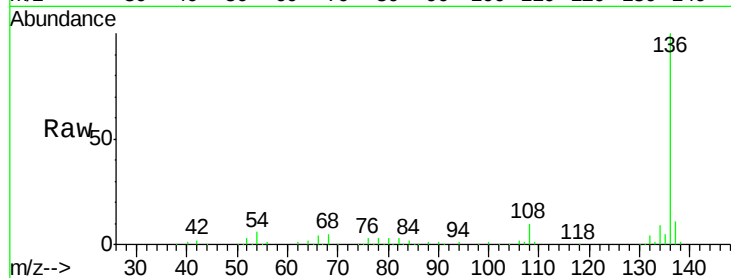




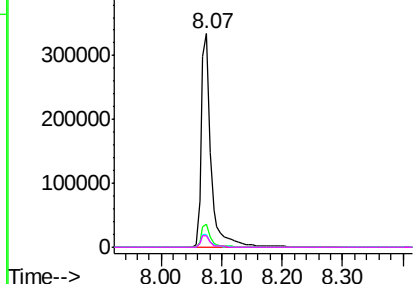
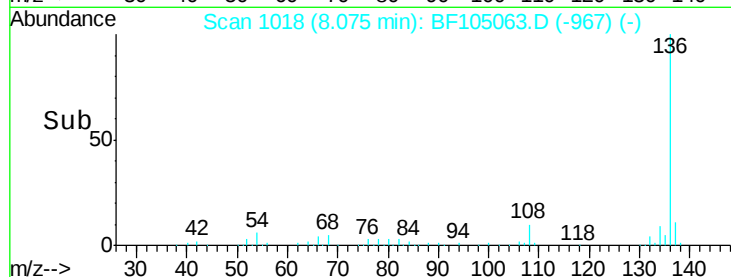
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105063.D
Acq: 3 May 2018 6:28

Instrument :
BNA_F
ClientSampleId :
043018-DBRI-E-U-M

Tgt Ion:	136	Resp:	379676
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	5.8	6.6	9.8#
68	5.3	5.0	7.4

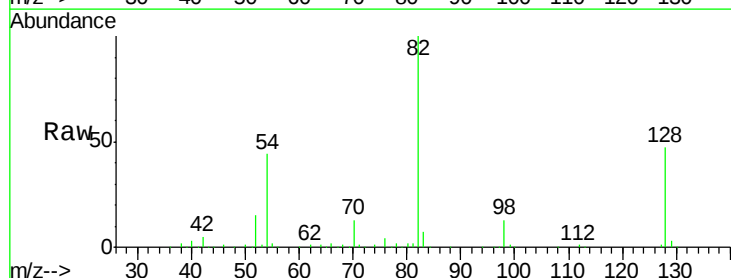


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

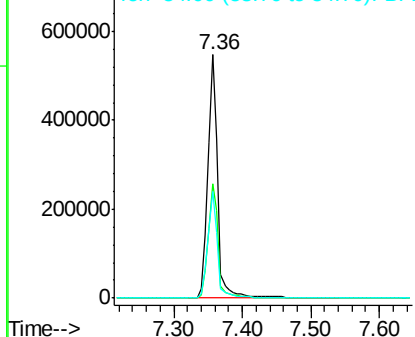
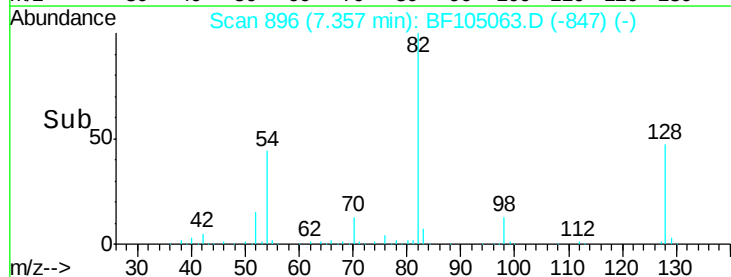


#23
Nitrobenzene-d5
Concen: 97.857 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105063.D
Acq: 3 May 2018 6:28

Tgt Ion:	82	Resp:	568993
Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.1	54.1
54	44.0	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





#25

Isophorone

Concen: 45.678 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF105063.D

Acq: 3 May 2018 6:28

Instrument :

BNA_F

ClientSampleId :

043018-DBRI-E-U-M

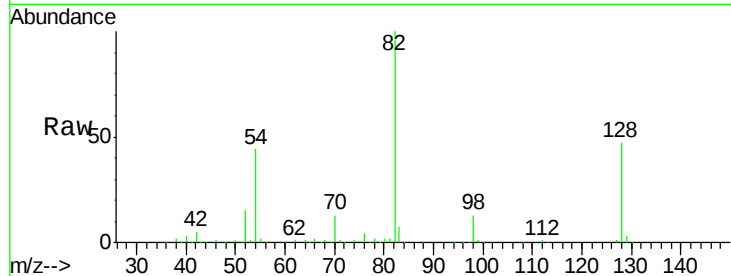
Tgt Ion: 82 Resp: 561642

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

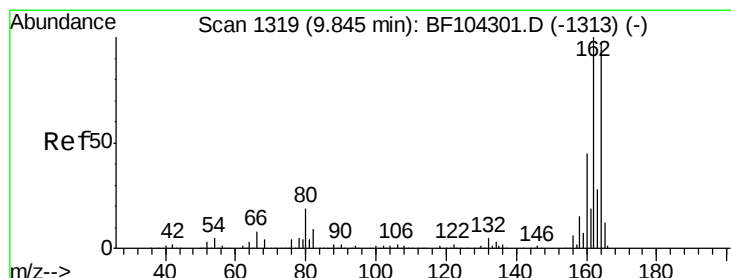
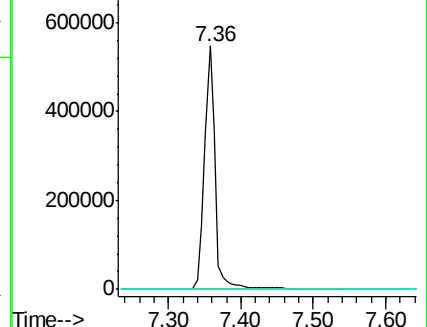
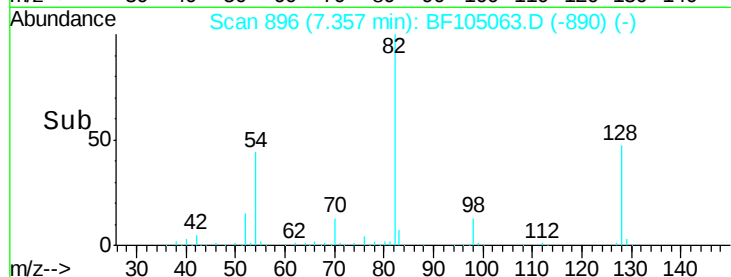
138 0.0 14.9 22.3#



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: BF105063.D

Acq: 3 May 2018 6:28

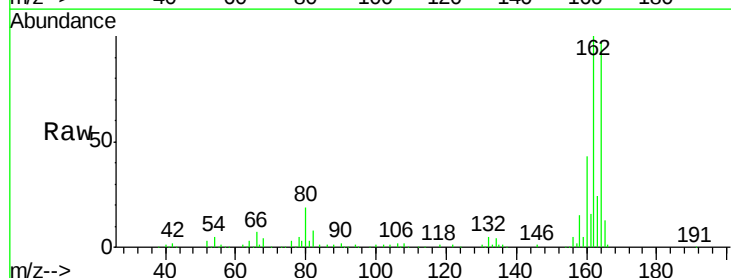
Tgt Ion: 164 Resp: 162544

Ion Ratio Lower Upper

164 100

162 102.7 86.1 129.1

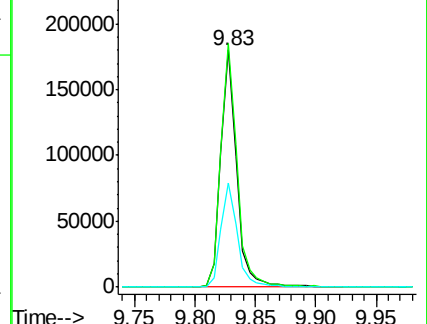
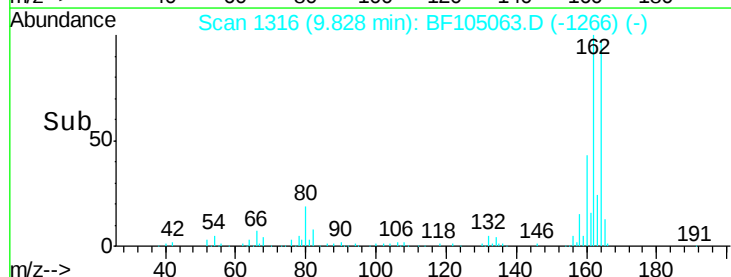
160 43.9 38.3 57.5

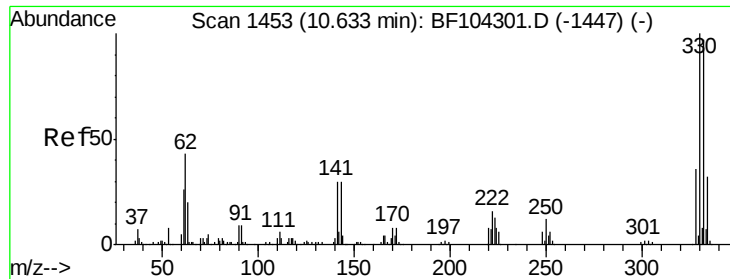


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

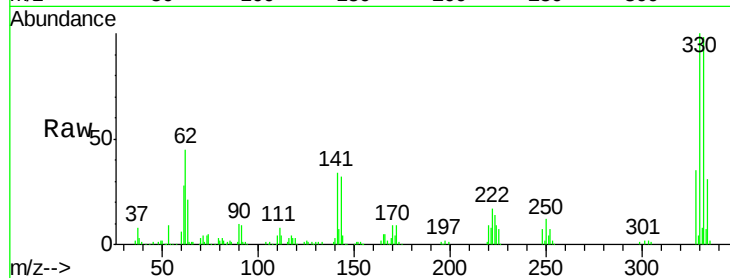




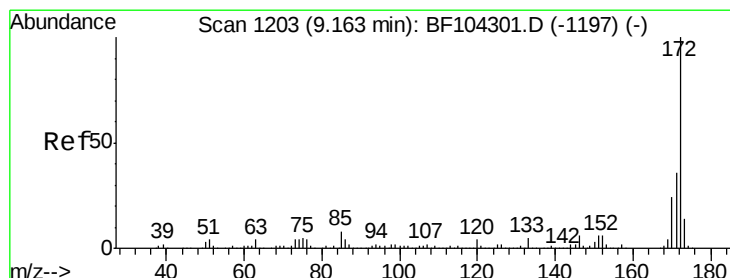
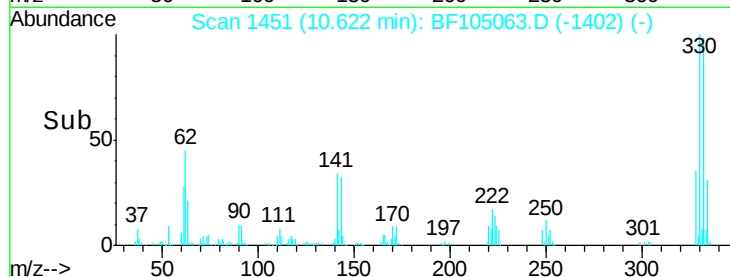
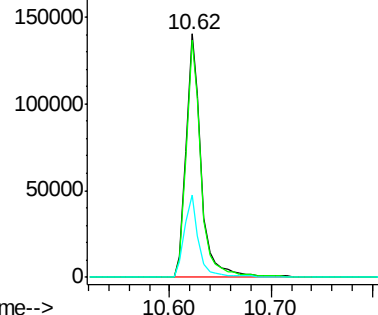
#41
 2,4,6-Tribromophenol
 Concen: 86.324 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF105063.D
 Acq: 3 May 2018 6:28

Instrument :
 BNA_F
 ClientSampleId :
 043018-DBRI-E-U-M

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	32.3	29.9	44.9

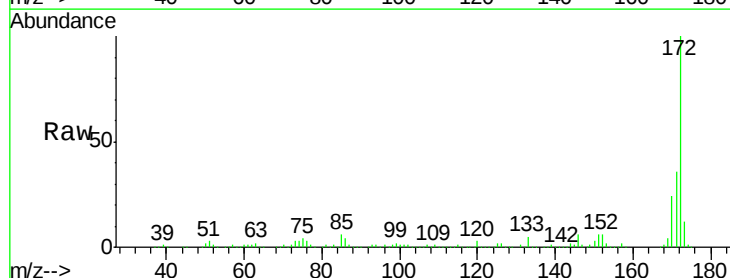


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

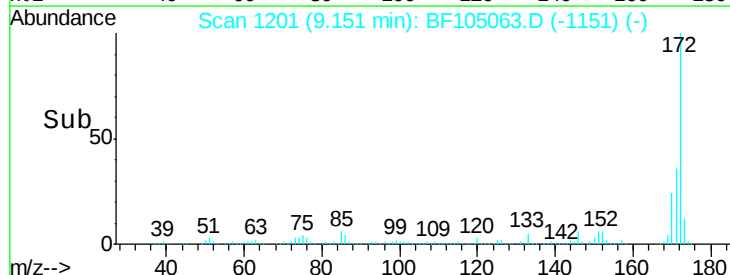
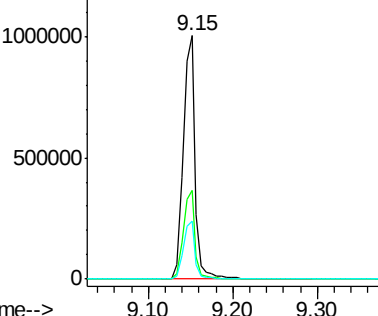


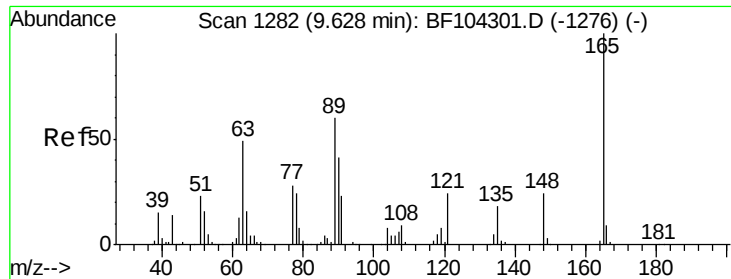
#44
 2-Fluorobiphenyl
 Concen: 96.998 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105063.D
 Acq: 3 May 2018 6:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	23.8	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

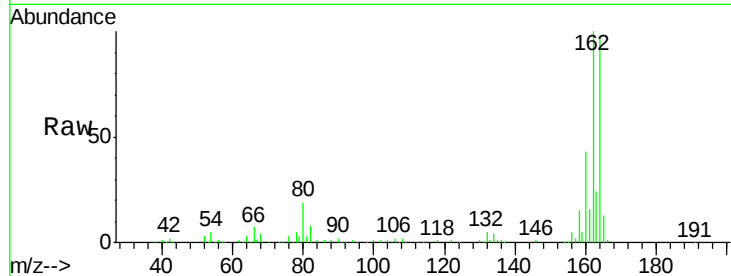




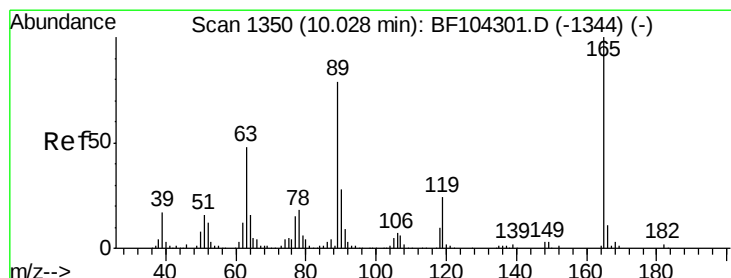
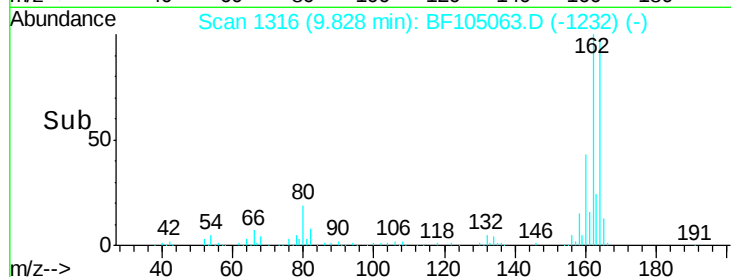
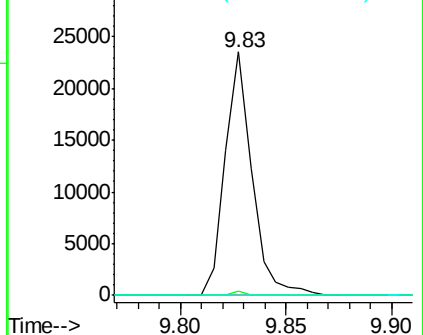
#50
 2,6-Dinitrotoluene
 Concen: 8.761 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.19 min
 Lab File: BF105063.D
 Acq: 3 May 2018 6:28

Instrument :
 BNA_F
 ClientSampleId :
 043018-DBRI-E-U-M

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	0.0	44.0	66.0#

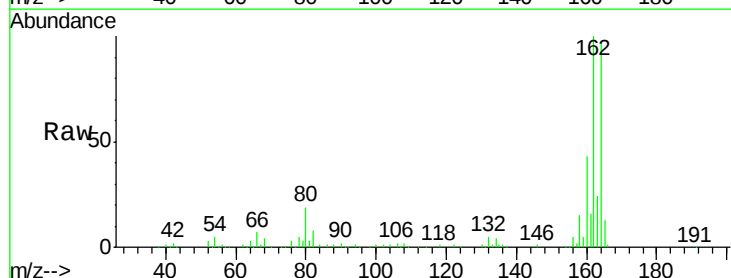


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

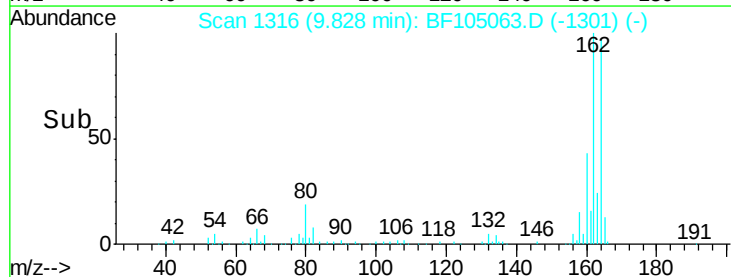
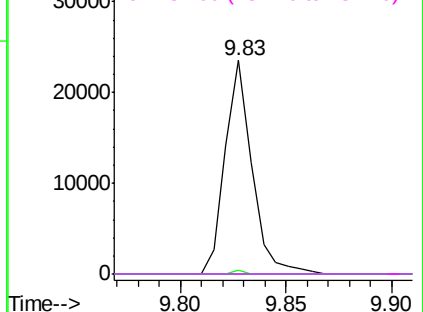


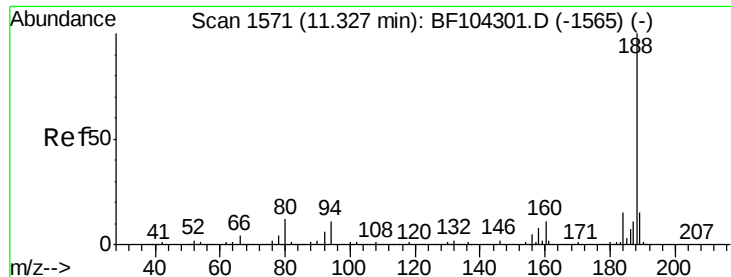
#56
 2,4-Dinitrotoluene
 Concen: 6.679 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF105063.D
 Acq: 3 May 2018 6:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

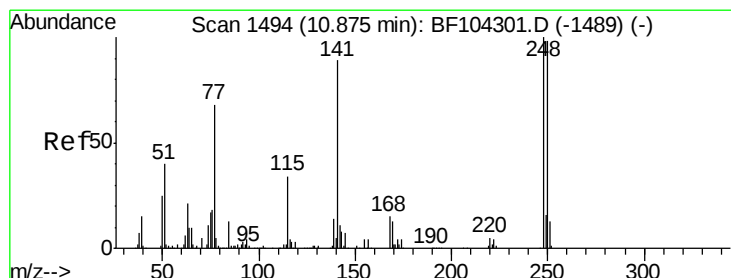
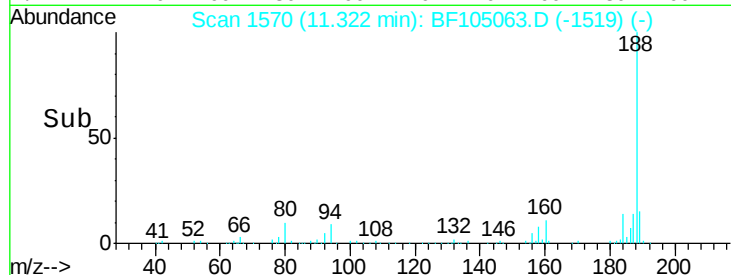
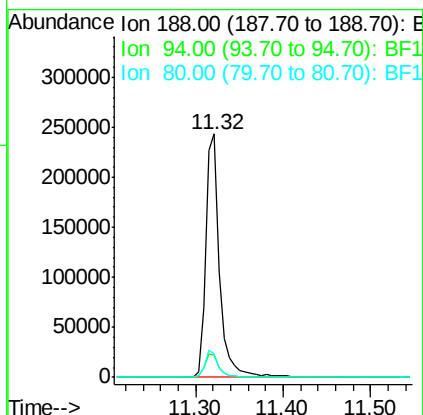
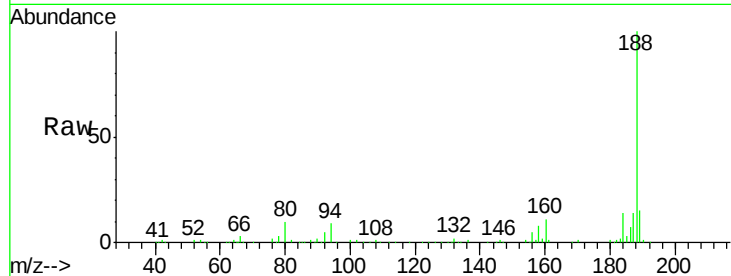




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF105063.D
Acq: 3 May 2018 6:28

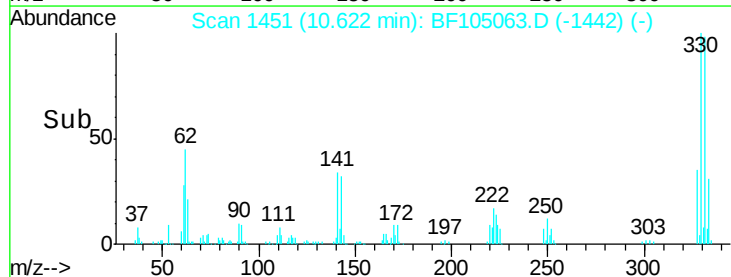
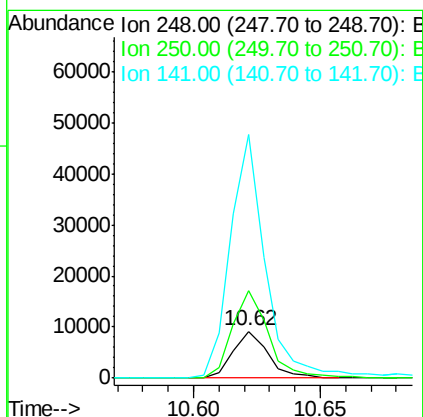
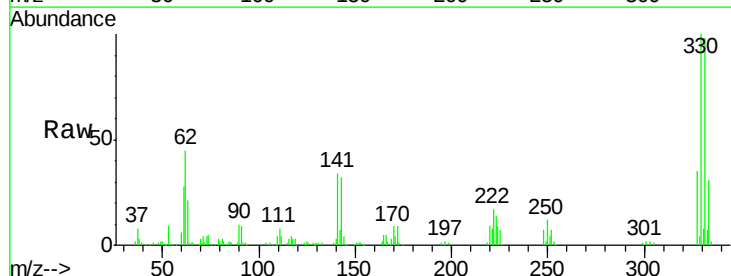
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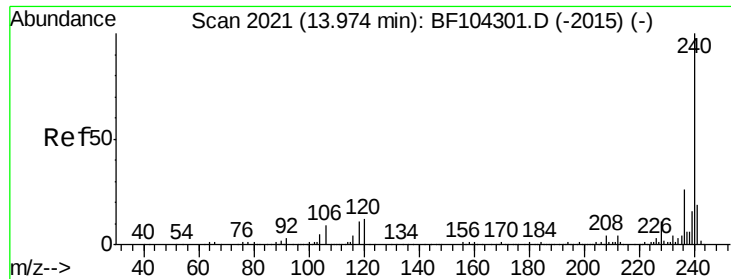
Tgt Ion:188 Resp: 266272
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 9.6 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.074 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF105063.D
Acq: 3 May 2018 6:28

Tgt Ion:248 Resp: 8706
Ion Ratio Lower Upper
248 100
250 187.9 76.9 115.3#
141 522.0 74.4 111.6#

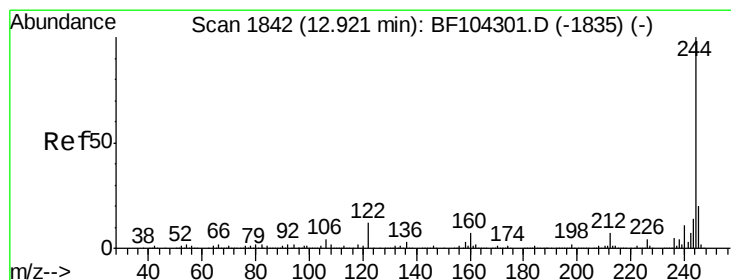
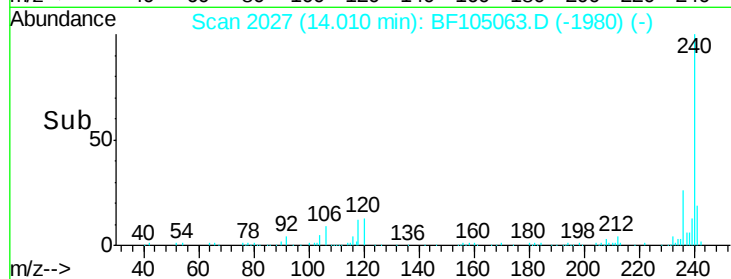
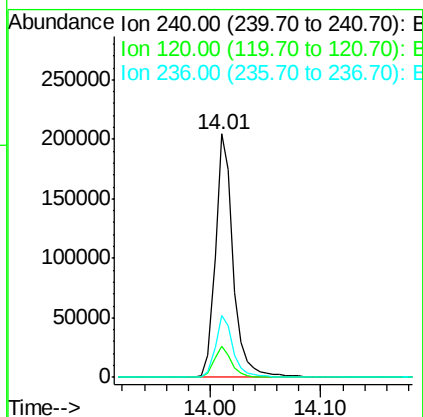
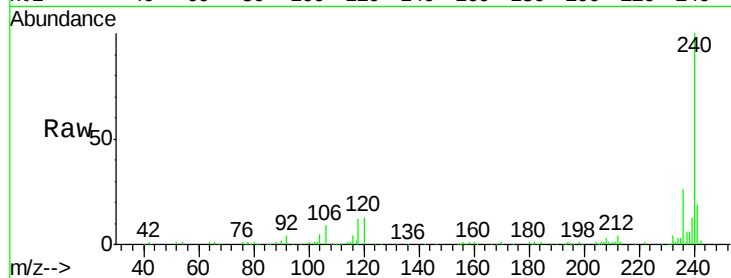




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF105063.D
Acq: 3 May 2018 6:28

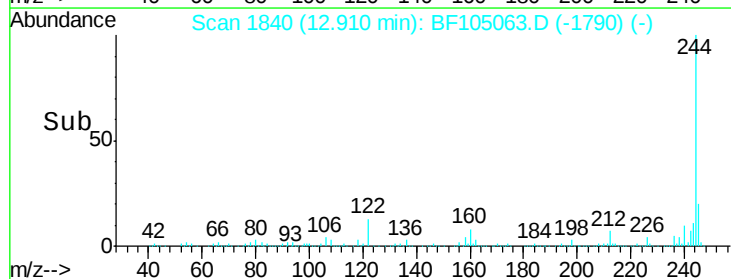
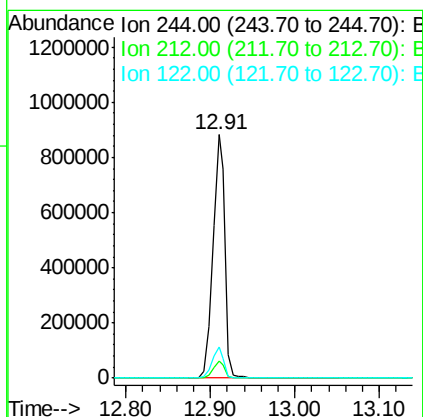
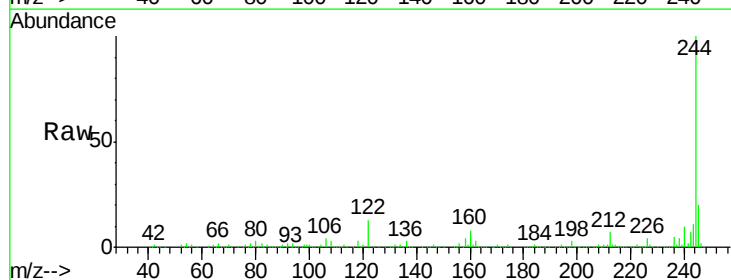
Instrument :
BNA_F
ClientSampleId :
043018-DBRI-E-U-M

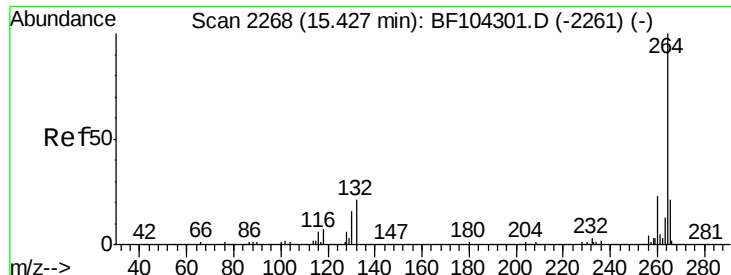
Tgt Ion:240 Resp: 226902
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 25.6 20.7 31.1



#78
Terphenyl-d14
Concen: 89.970 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF105063.D
Acq: 3 May 2018 6:28

Tgt Ion:244 Resp: 895430
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 13.0 11.0 16.4

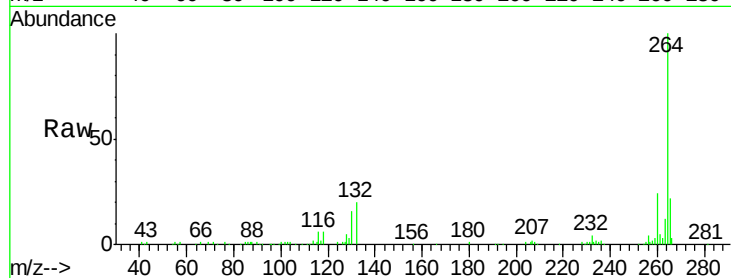




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.03 min
Lab File: BF105063.D
Acq: 3 May 2018 6:28

Instrument :
BNA_F
ClientSampleId :
043018-DBRI-E-U-M

Tgt Ion: 264 Resp: 176483
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.9 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

