

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050218\
 Data File : BF105062.D
 Acq On : 3 May 2018 6:02
 Operator : JU/SJ
 Sample : J2684-08
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

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

Quant Time: May 03 07:03:07 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

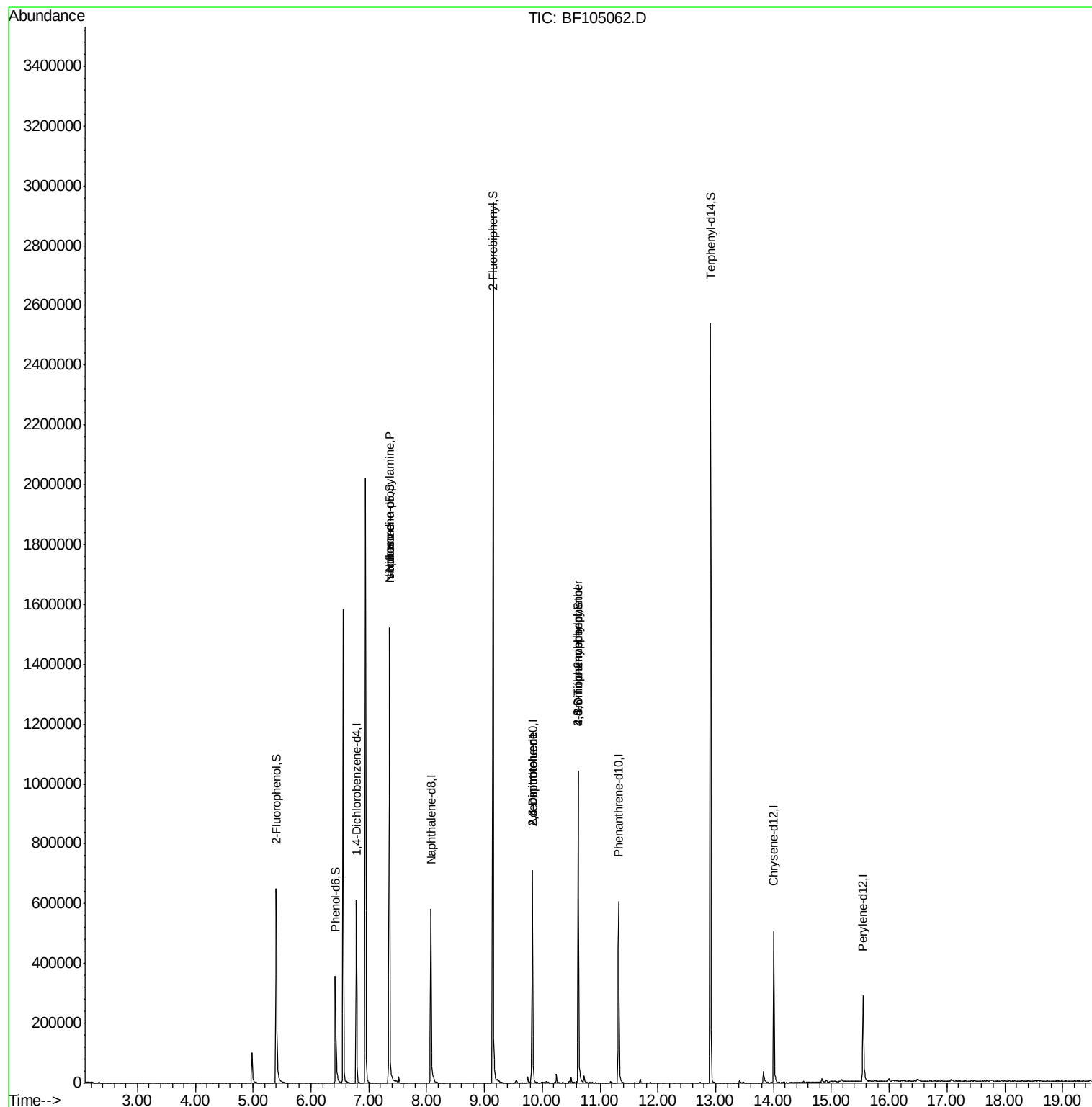
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	88232	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	353956	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	153815	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	253294	20.00	ng	0.00
75) Chrysene-d12	14.00	240	208574	20.00	ng	-0.03
86) Perylene-d12	15.55	264	160372	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	230373	39.92	ng	0.00
7) Phenol-d6	6.42	99	168300	23.74	ng	-0.02
23) Nitrobenzene-d5	7.36	82	554590	102.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	143074	89.67	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	993534	102.04	ng	0.00
78) Terphenyl-d14	12.91	244	892466	97.55	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	71883	15.516	ng	# 71
25) Isophorone	7.36	82	548122	47.818	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	19267	8.584	ng	# 25
56) 2,4-Dinitrotoluene	9.83	165	19267	6.544	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.62	198	155	7.453	ng	# 18
66) 4-Bromophenyl-phenylether	10.62	248	8828	3.277	ng	# 1
76) Benizidine	12.91	184	11454	Below Cal		# 92

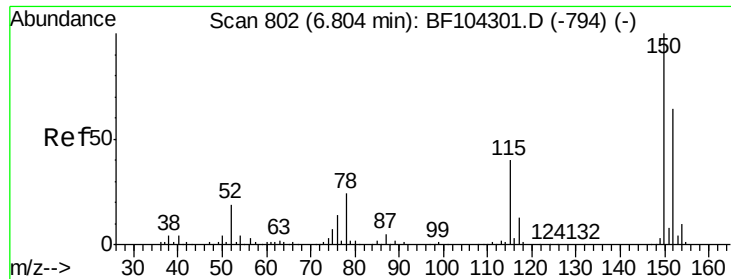
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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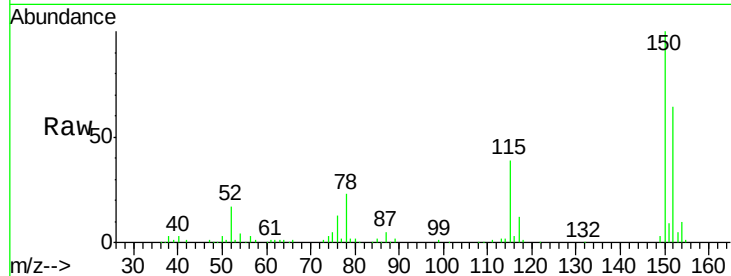


#1

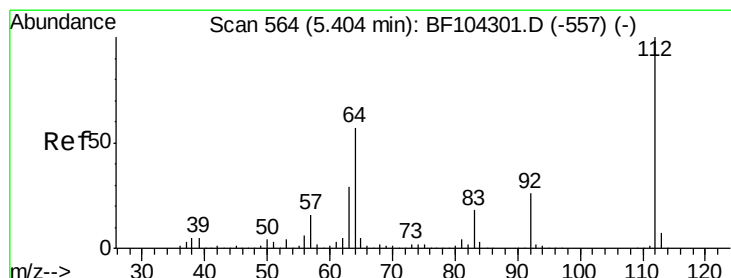
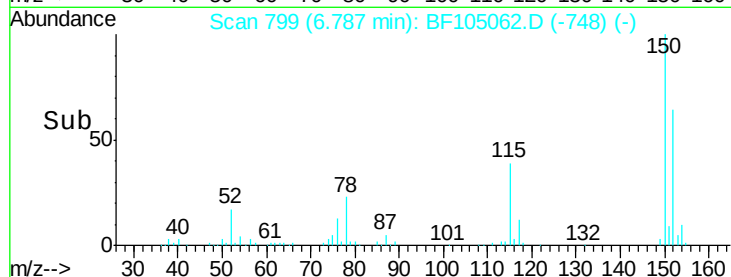
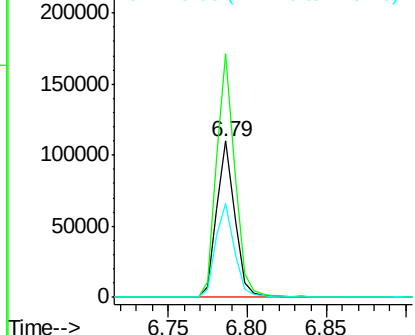
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF105062.D
Acq: 3 May 2018 6:02

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

Tgt Ion:152 Resp: 88232
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 60.4 50.1 75.1



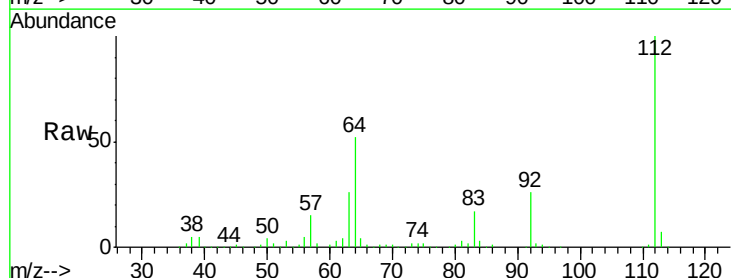
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



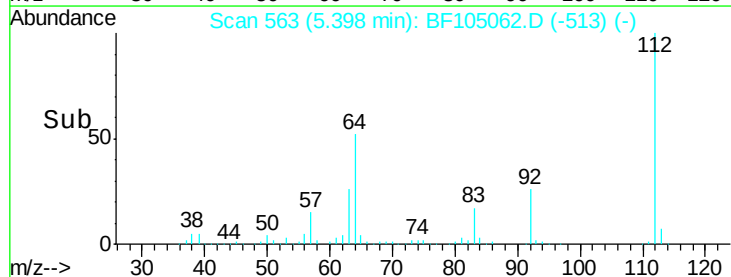
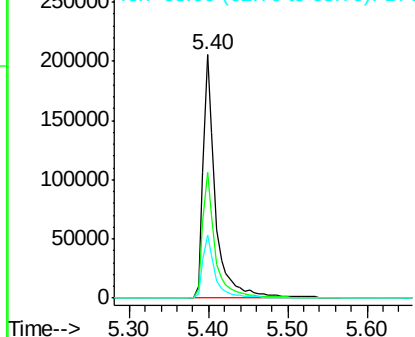
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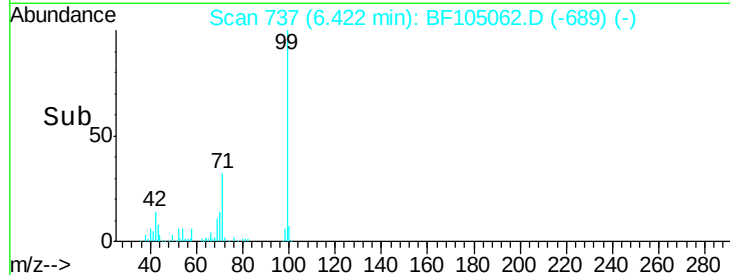
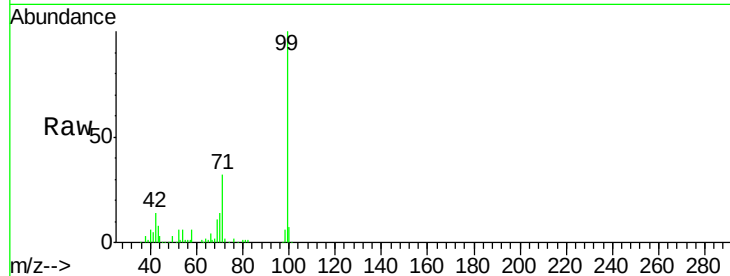
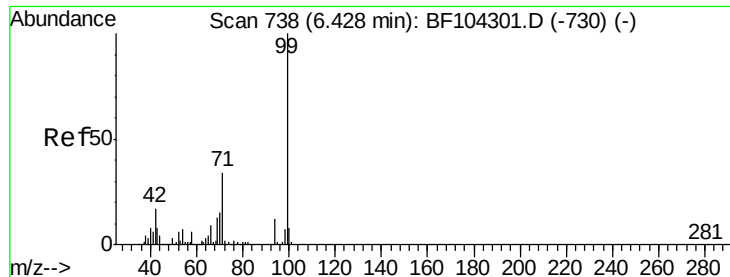
2-Fluorophenol
Concen: 39.924 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF105062.D
Acq: 3 May 2018 6:02

Tgt Ion:112 Resp: 230373
Ion Ratio Lower Upper
112 100
64 51.9 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: 23.738 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF105062.D

Acq: 3 May 2018 6:02

Instrument :

BNA_F

ClientSampleId :

043018-DBRI-E-U-B

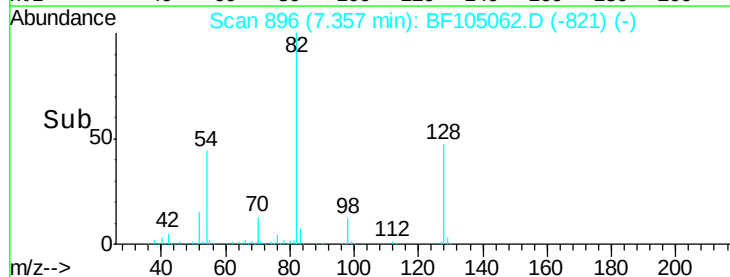
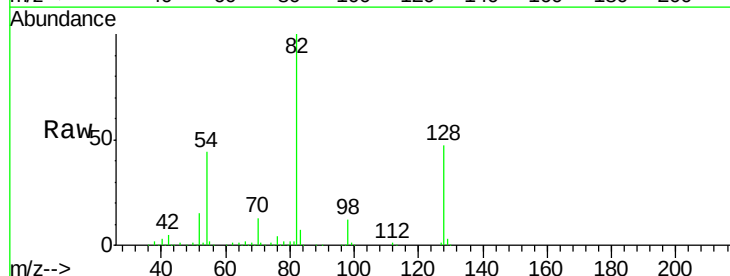
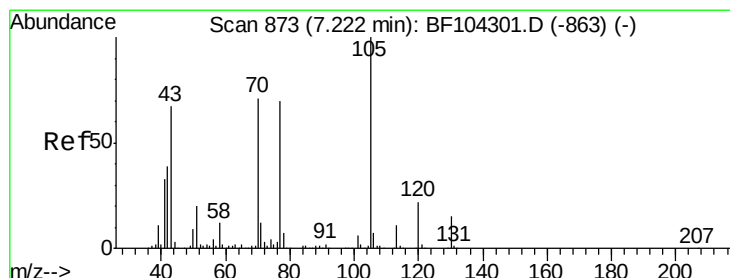
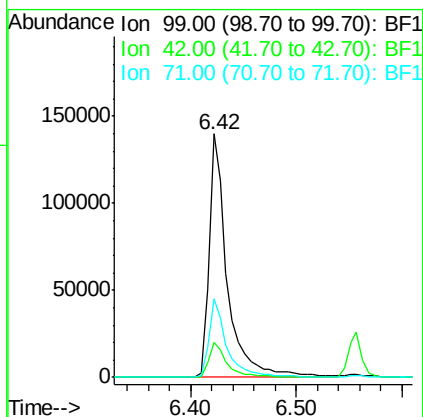
Tgt Ion: 99 Resp: 168300

Ion Ratio Lower Upper

99 100

42 14.2 14.5 21.7#

71 32.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.516 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF105062.D

Acq: 3 May 2018 6:02

Tgt Ion: 70 Resp: 71883

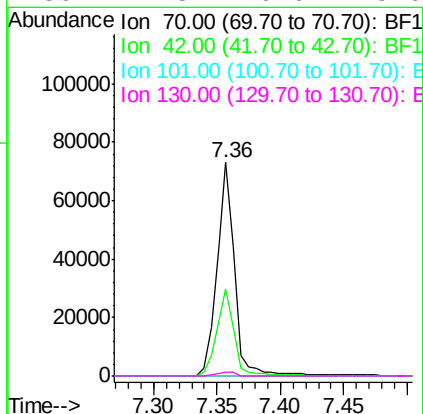
Ion Ratio Lower Upper

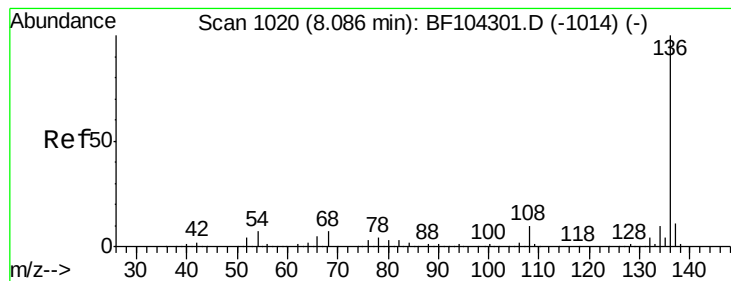
70 100

42 40.6 47.5 71.3#

101 0.0 7.4 11.2#

130 1.8 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: BF105062.D

Acq: 3 May 2018 6:02

Instrument :

BNA_F

ClientSampleId :

043018-DBRI-E-U-B

Tgt Ion: 136 Resp: 353956

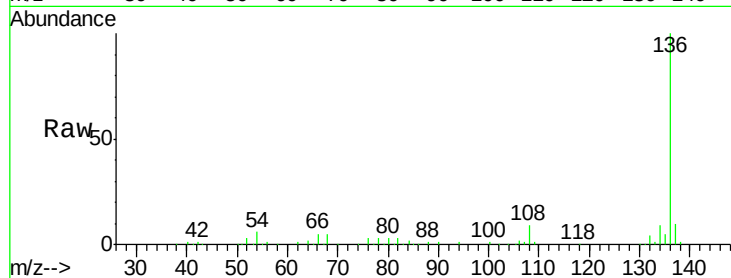
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 5.8 6.6 9.8#

68 5.3 5.0 7.4

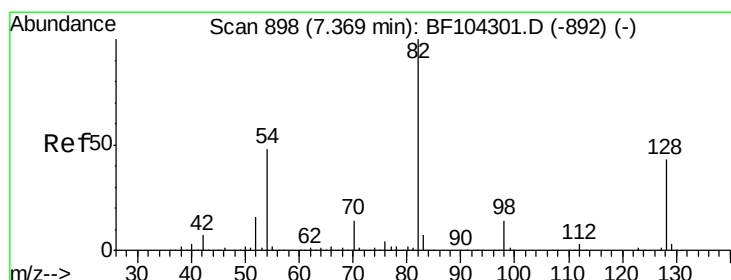
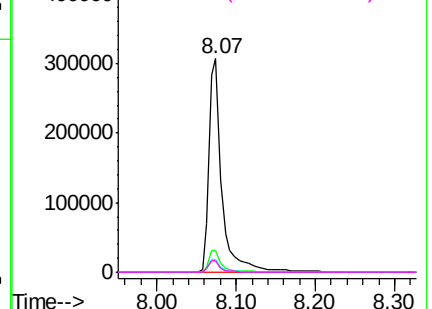
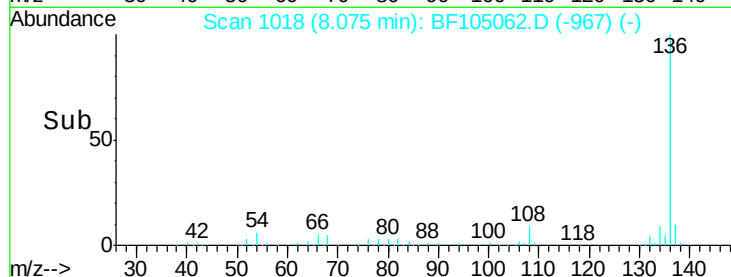


Abundance Ion 136.00 (135.70 to 136.70): E

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: 102.311 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF105062.D

Acq: 3 May 2018 6:02

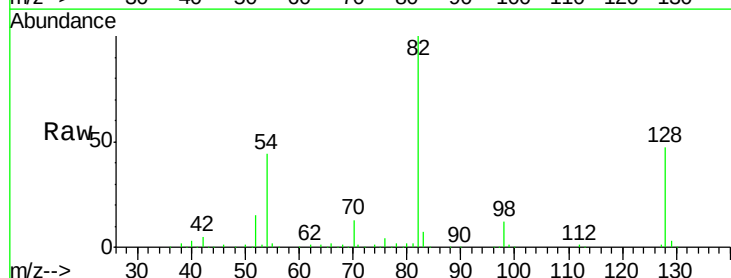
Tgt Ion: 82 Resp: 554590

Ion Ratio Lower Upper

82 100

128 47.5 36.1 54.1

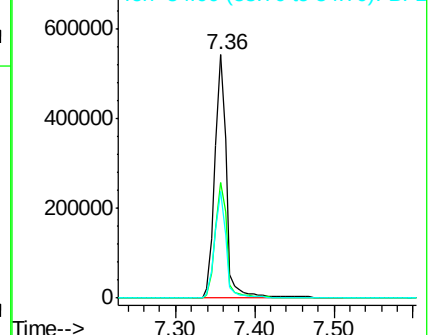
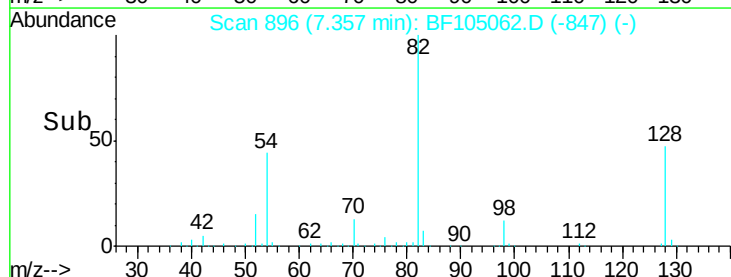
54 43.8 41.4 62.2

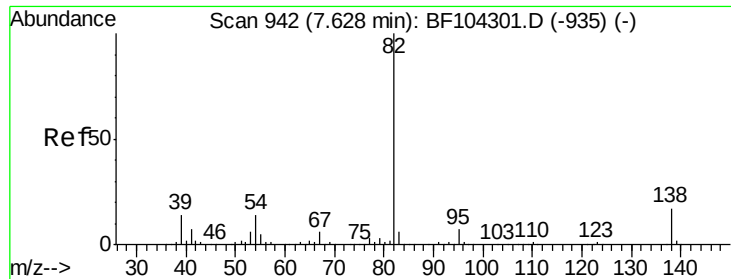


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 47.818 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF105062.D

Acq: 3 May 2018 6:02

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ClientSampleId :

043018-DBRI-E-U-B

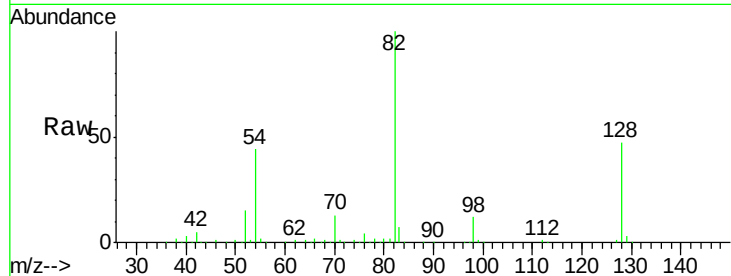
Tgt Ion: 82 Resp: 548122

Ion Ratio Lower Upper

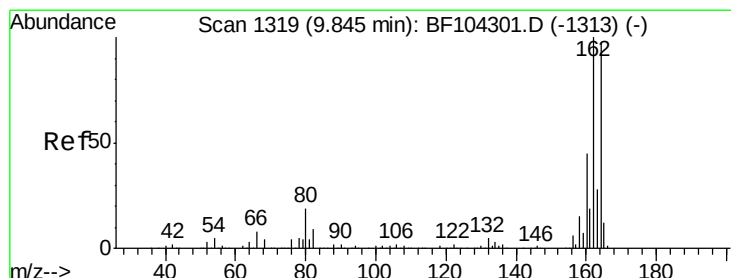
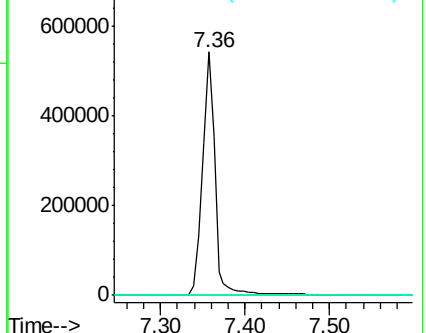
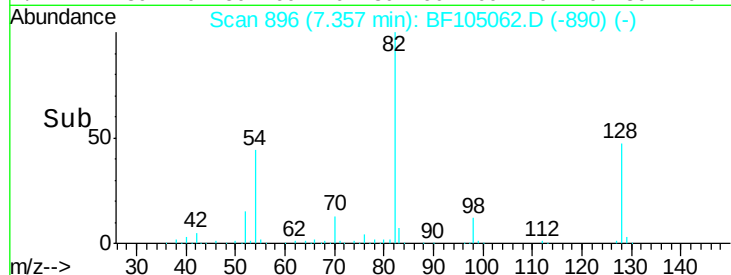
82 100

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: BF105062.D

Acq: 3 May 2018 6:02

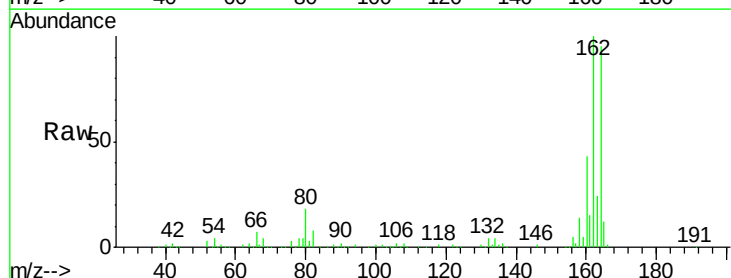
Tgt Ion: 164 Resp: 153815

Ion Ratio Lower Upper

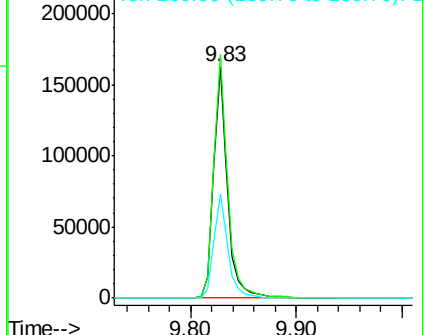
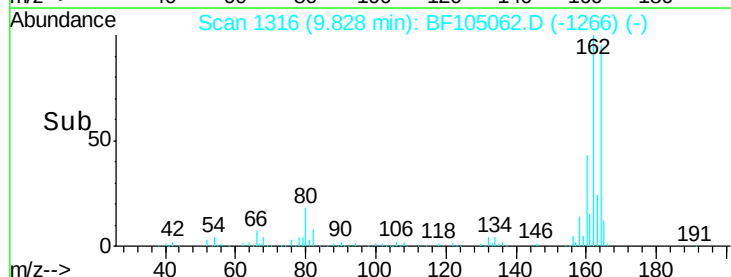
164 100

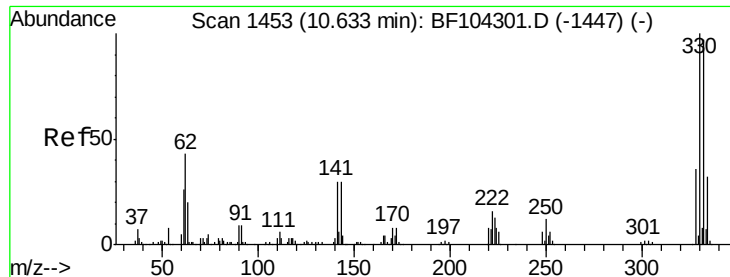
162 105.4 86.1 129.1

160 45.0 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

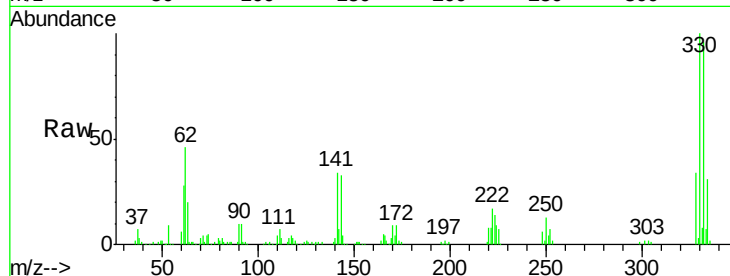




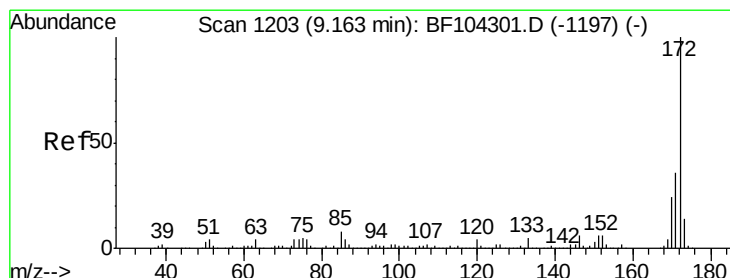
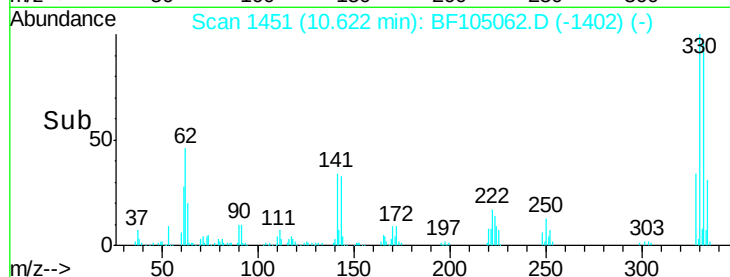
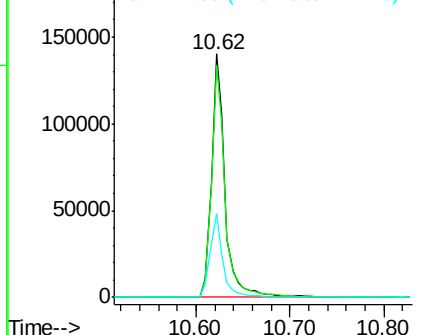
#41
 2,4,6-Tribromophenol
 Concen: 89.670 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF105062.D
 Acq: 3 May 2018 6:02

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	32.7	29.9	44.9

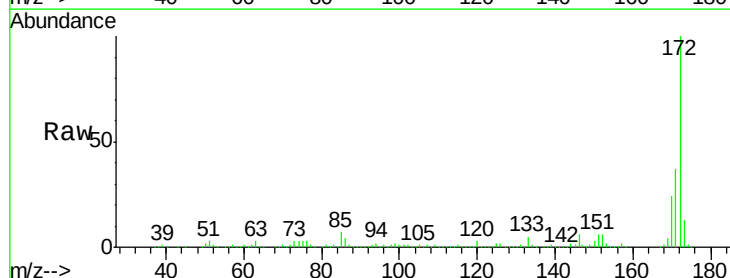


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

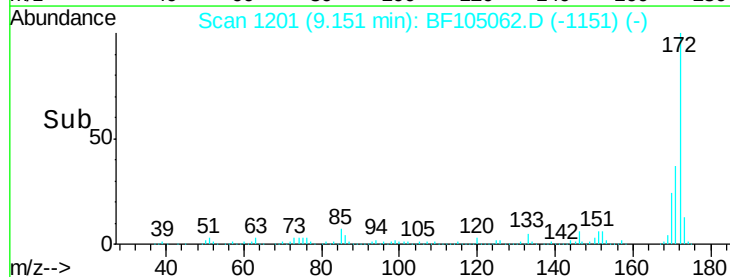
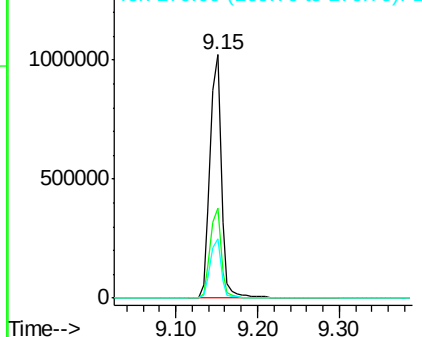


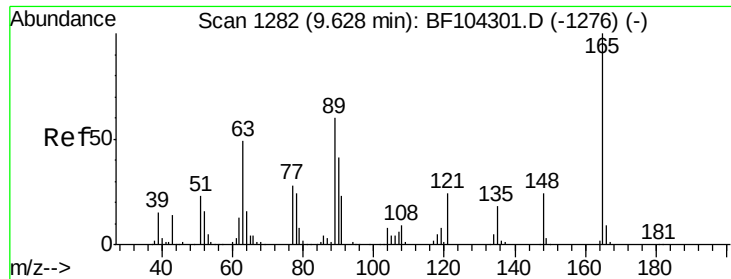
#44
 2-Fluorobiphenyl
 Concen: 102.041 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105062.D
 Acq: 3 May 2018 6:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.3	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

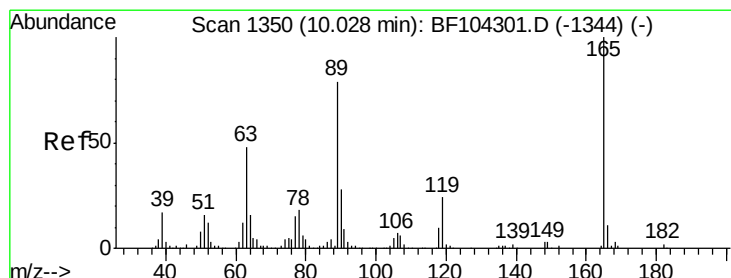
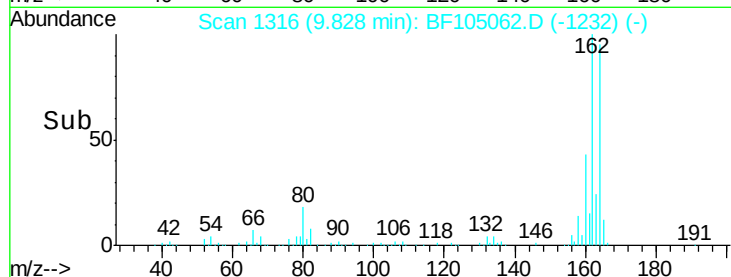
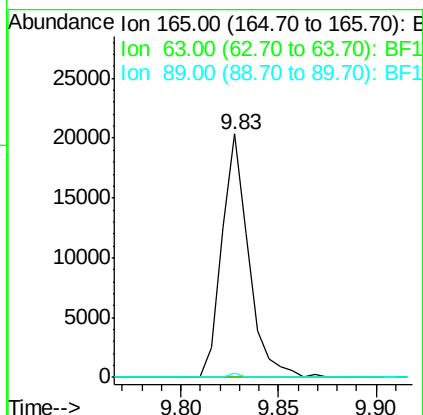
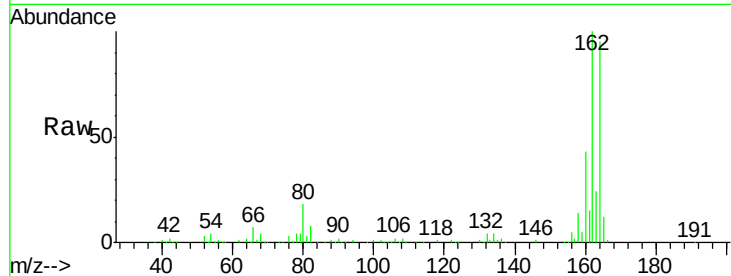




#50
 2,6-Dinitrotoluene
 Concen: 8.584 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.19 min
 Lab File: BF105062.D
 Acq: 3 May 2018 6:02

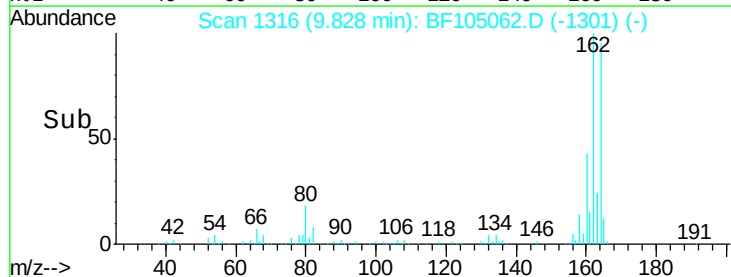
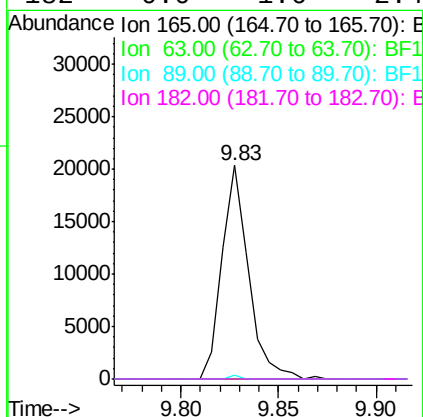
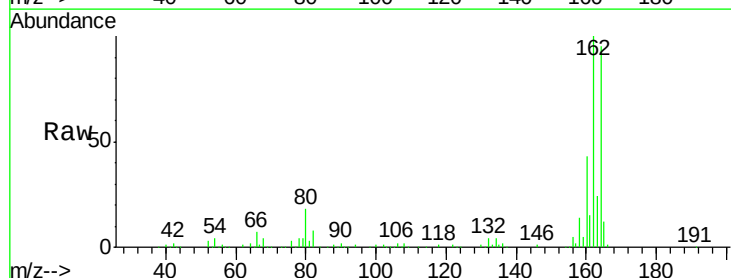
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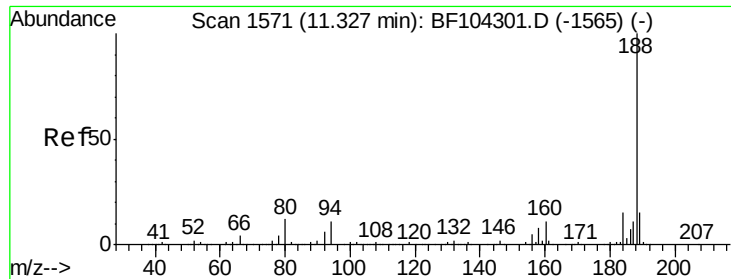
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.6	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.544 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF105062.D
 Acq: 3 May 2018 6:02

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

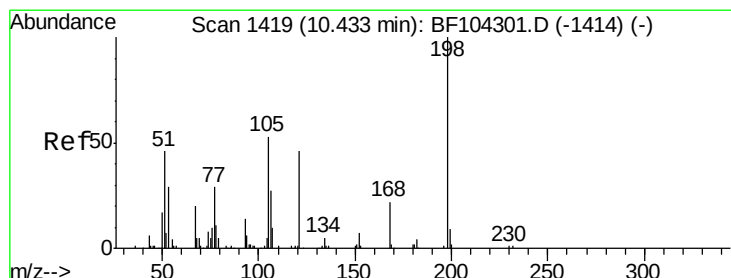
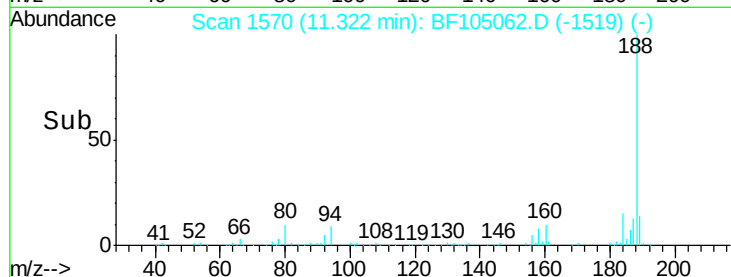
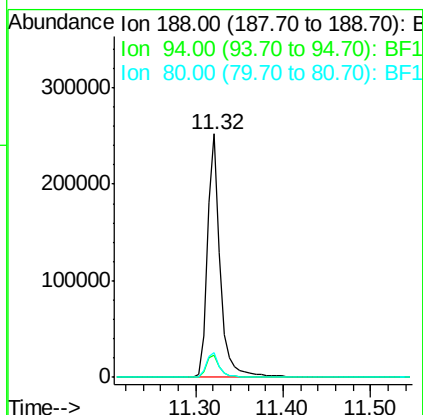
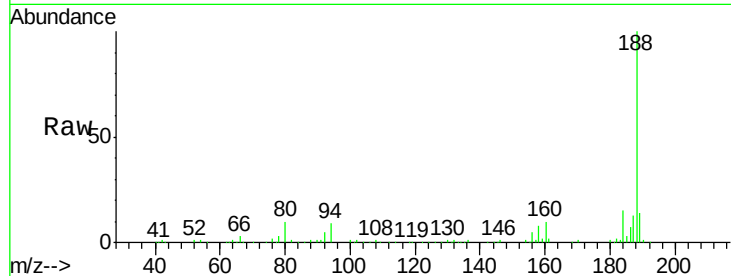




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF105062.D
Acq: 3 May 2018 6:02

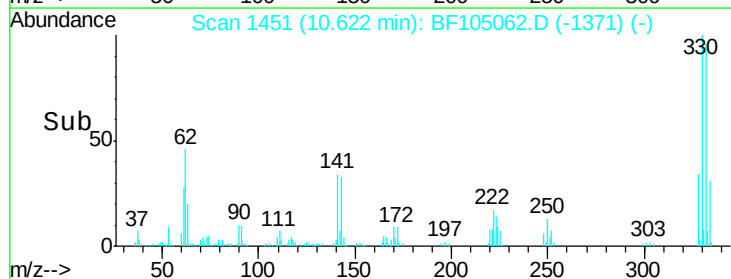
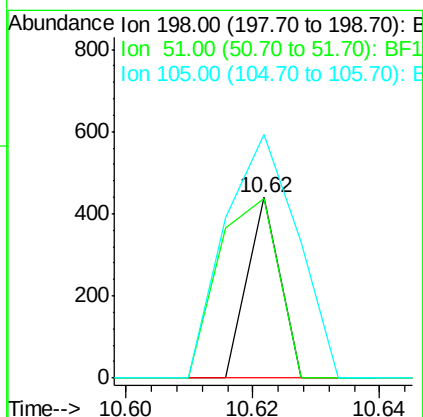
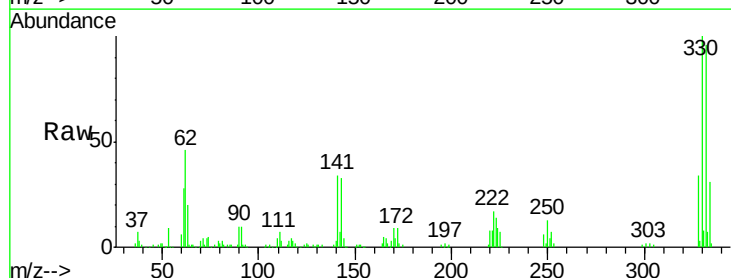
Instrument :
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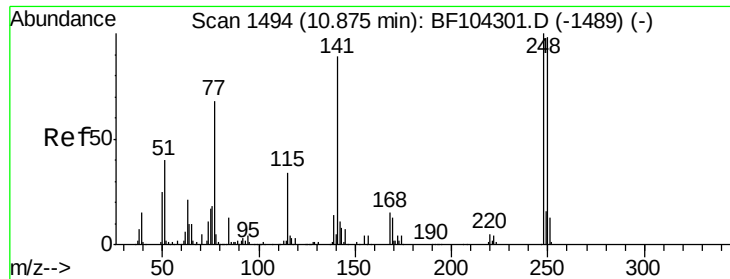
Tgt Ion:188 Resp: 253294
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 9.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.453 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.17 min
Lab File: BF105062.D
Acq: 3 May 2018 6:02

Tgt Ion:198 Resp: 155
Ion Ratio Lower Upper
198 100
51 99.8 37.7 77.7#
105 135.1 36.3 76.3#

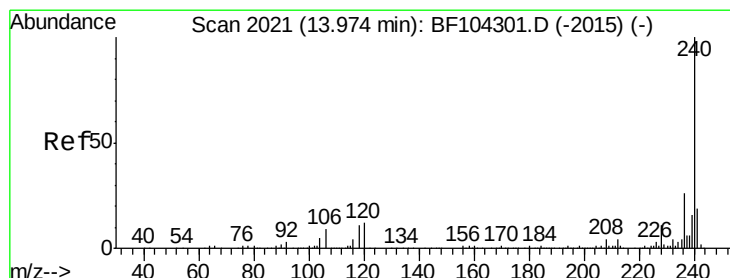
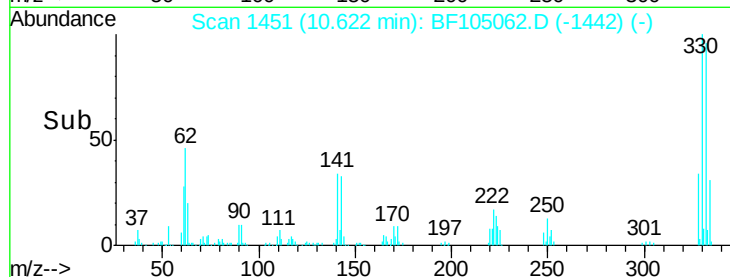
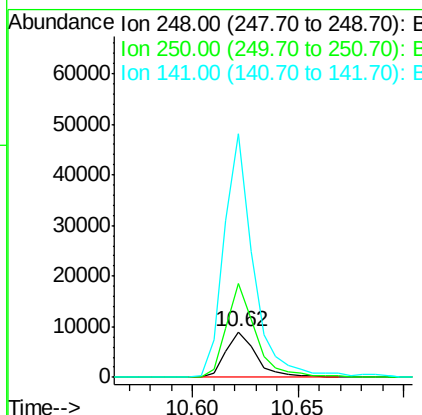
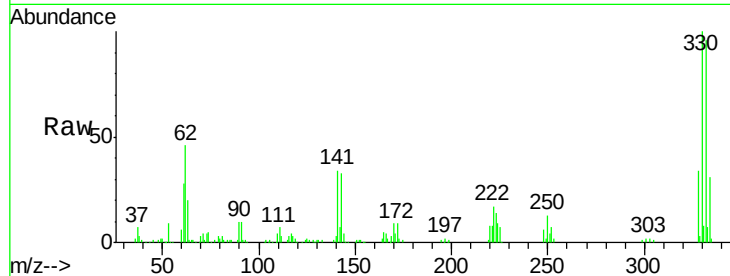




#66
 4-Bromophenyl-phenylether
 Concen: 3.277 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.25 min
 Lab File: BF105062.D
 Acq: 3 May 2018 6:02

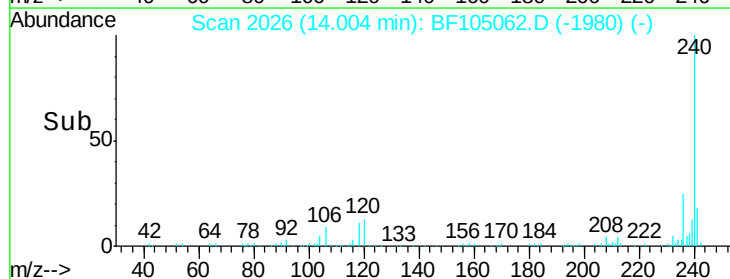
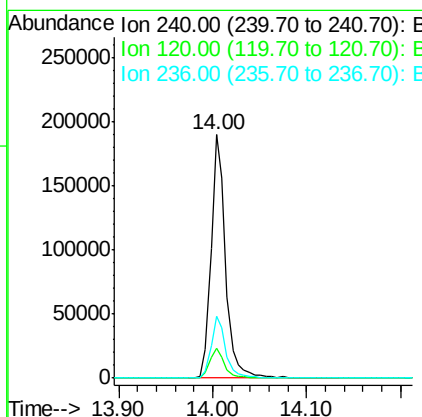
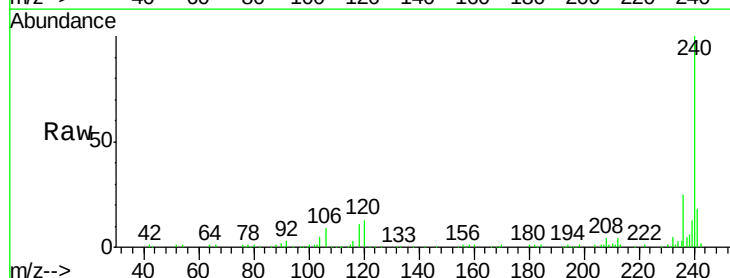
Instrument :
 BNA_F
 ClientSampleId :
 043018-DBRI-E-U-B

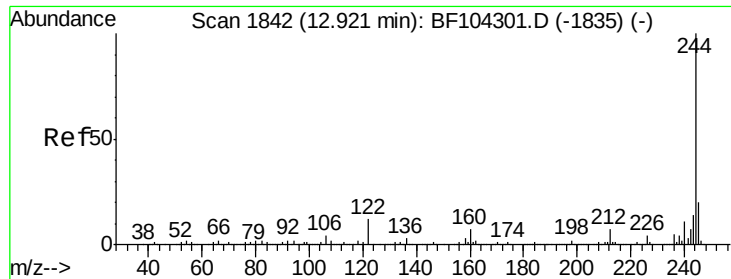
Tgt Ion:248 Resp: 8828
 Ion Ratio Lower Upper
 248 100
 250 207.1 76.9 115.3#
 141 535.2 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.03 min
 Lab File: BF105062.D
 Acq: 3 May 2018 6:02

Tgt Ion:240 Resp: 208574
 Ion Ratio Lower Upper
 240 100
 120 12.5 9.5 14.3
 236 25.2 20.7 31.1

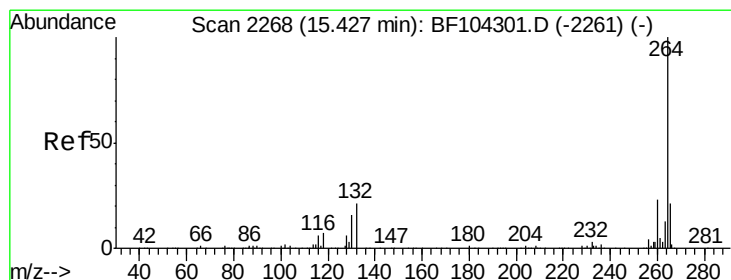
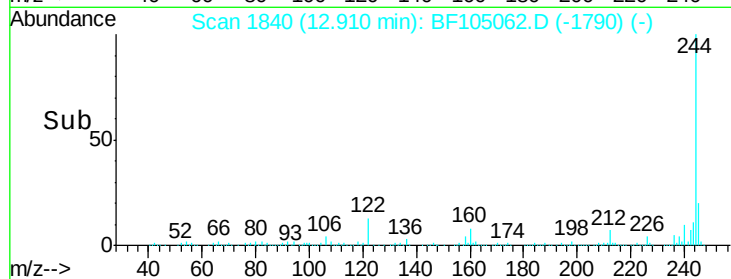
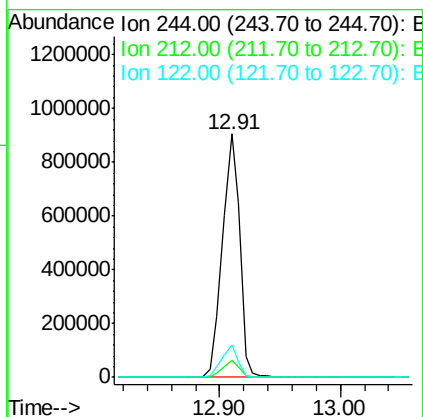
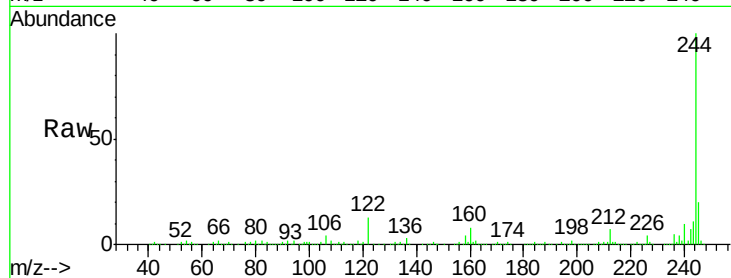




#78
 Terphenyl-d14
 Concen: 97.551 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF105062.D
 Acq: 3 May 2018 6:02

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

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.2	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. -0.04 min
 Lab File: BF105062.D
 Acq: 3 May 2018 6:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.9	17.5	26.3

