

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF010518\
 Data File : BF101934.D
 Acq On : 5 Jan 2018 17:15
 Operator : SJ/JU
 Sample : J1012-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-010318-F

Quant Time: Jan 05 17:45:09 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

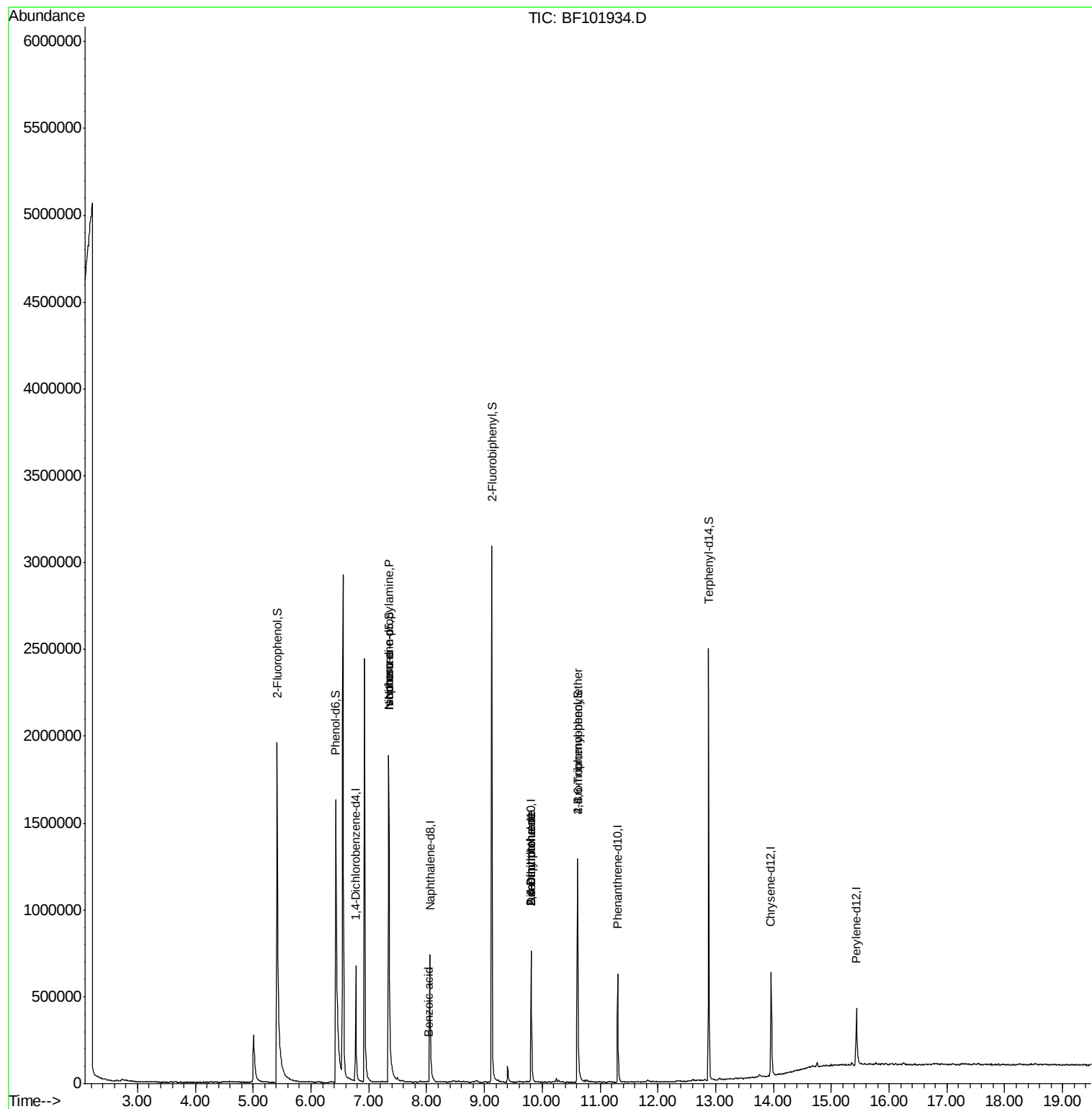
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	119699	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	453490	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	165629	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	262191	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	246558	20.00	ng	-0.02
86) Perylene-d12	15.43	264	198527	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1019346	126.85	ng	0.00
7) Phenol-d6	6.43	99	1095750	109.57	ng	0.00
23) Nitrobenzene-d5	7.35	82	820642	100.73	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	175192	109.77	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1109749	103.94	ng	-0.01
78) Terphenyl-d14	12.88	244	859264	84.02	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	111126	16.920	ng	# 82
25) Isophorone	7.35	82	820642	50.215	ng	# 64
32) Benzoic acid	8.03	122	568	8.068	ng	91
49) Dimethylphthalate	9.81	163	38640	2.900	ng	# 1
50) 2,6-Dinitrotoluene	9.81	165	20829	7.692	ng	# 25
56) 2,4-Dinitrotoluene	9.81	165	20829	6.828	ng	# 23
66) 4-Bromophenyl-phenylether	10.61	248	11636	3.950	ng	# 1

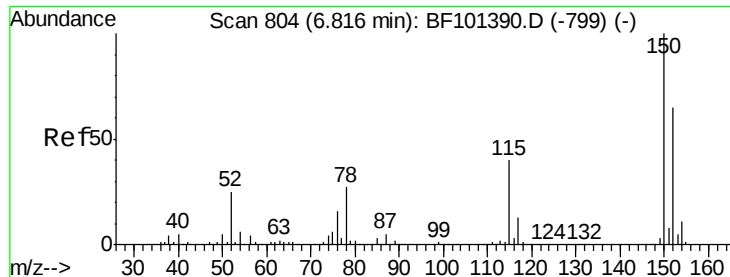
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF010518\
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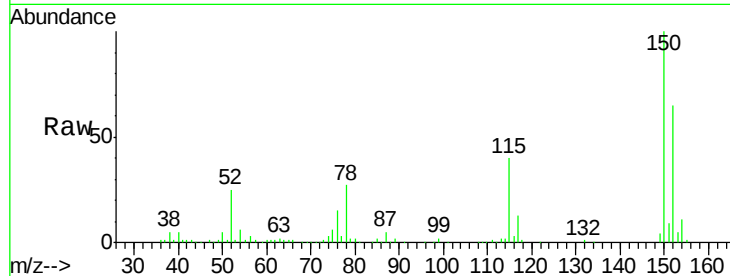


#1

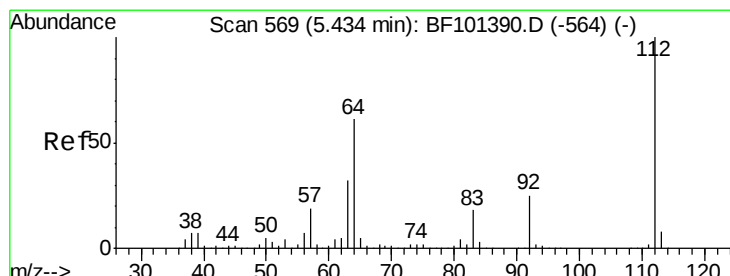
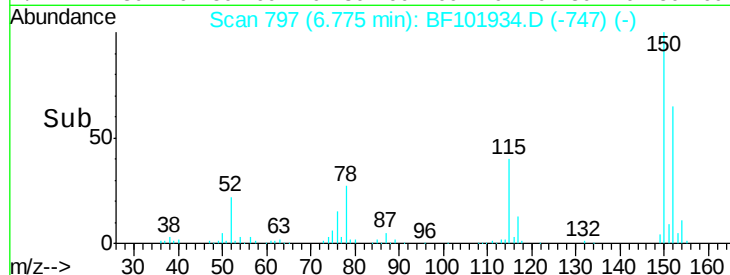
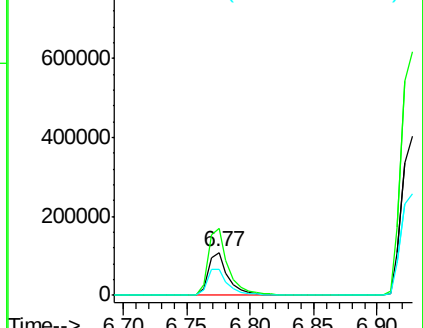
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF101934.D
Acq: 5 Jan 2018 17:15

Instrument :
BNA_F
ClientSampleId :
JC-03-010318-F

Tgt Ion:152 Resp: 119699
Ion Ratio Lower Upper
152 100
150 154.1 124.6 186.8
115 61.1 50.1 75.1



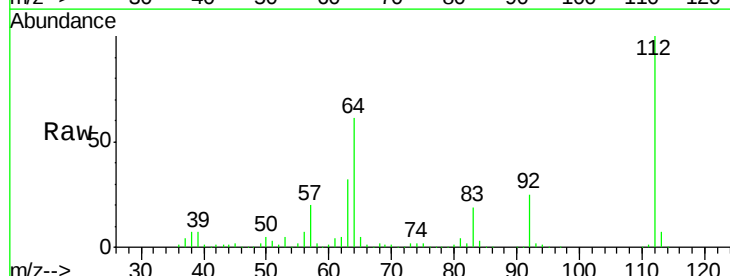
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



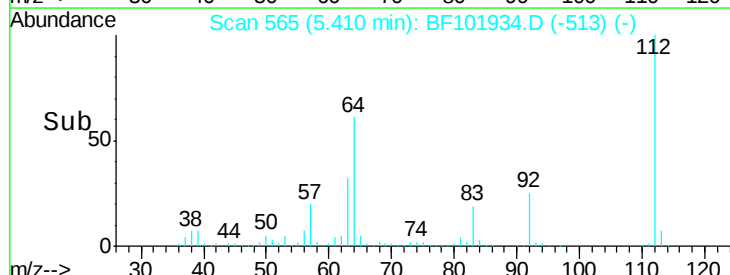
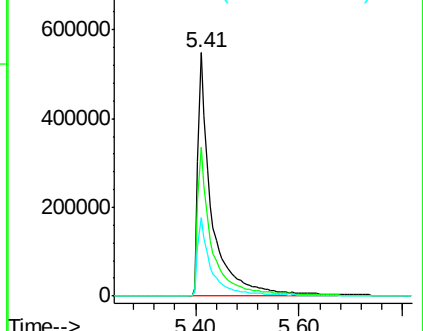
#5

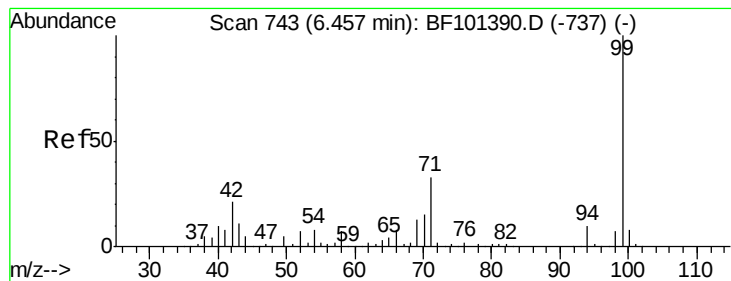
2-Fluorophenol
Concen: 126.851 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101934.D
Acq: 5 Jan 2018 17:15

Tgt Ion:112 Resp: 1019346
Ion Ratio Lower Upper
112 100
64 60.9 47.9 71.9
63 32.5 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: 109.566 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF101934.D

Acq: 5 Jan 2018 17:15

Instrument :

BNA_F

ClientSampleId :

JC-03-010318-F

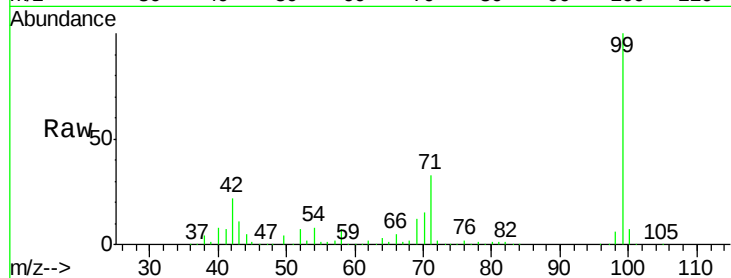
Tgt Ion: 99 Resp: 1095750

Ion Ratio Lower Upper

99 100

42 21.7 14.5 21.7#

71 33.2 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

600000

400000

200000

0

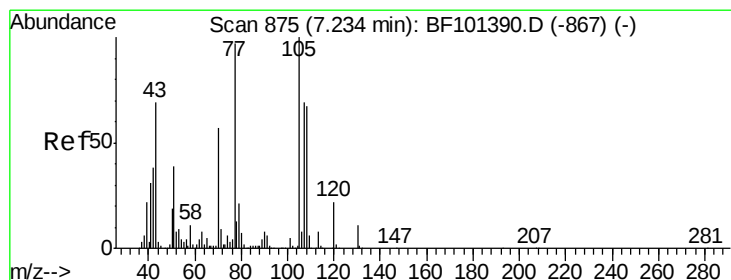
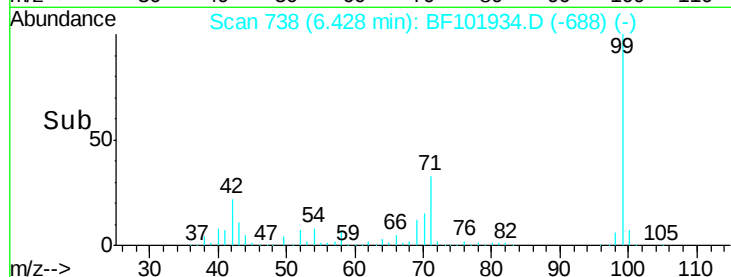
6.43

6.40

6.60

6.80

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 16.920 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BF101934.D

Acq: 5 Jan 2018 17:15

Tgt Ion: 70 Resp: 111126

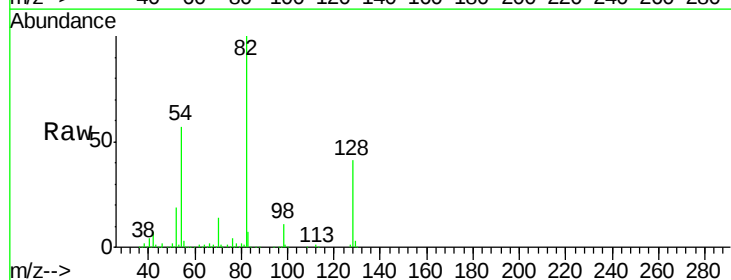
Ion Ratio Lower Upper

70 100

42 52.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 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

100000

50000

0

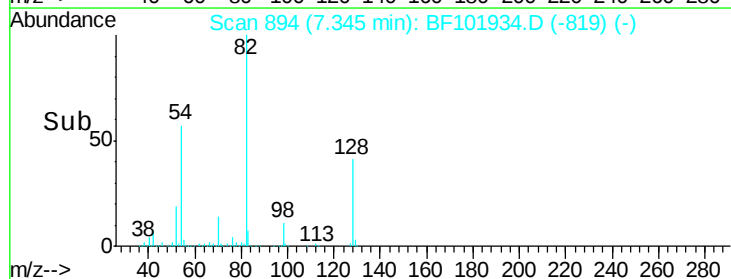
7.35

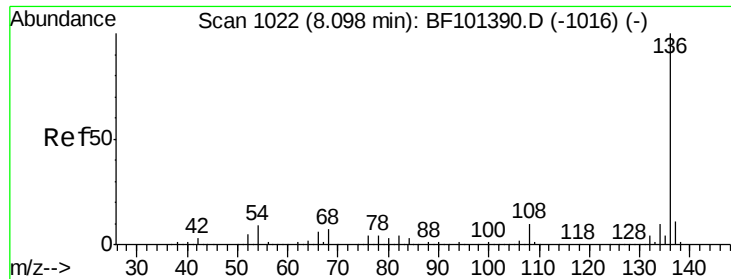
7.30

7.40

7.50

Time-->

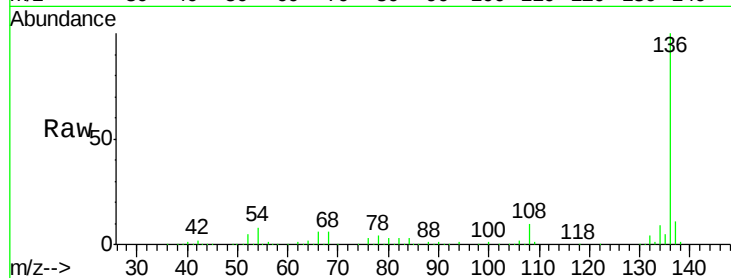




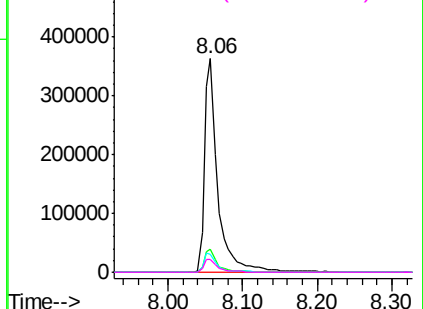
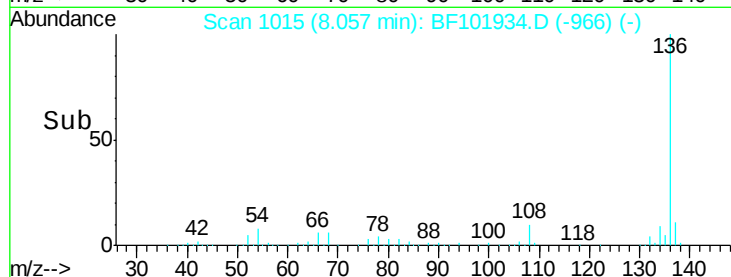
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF101934.D
Acq: 5 Jan 2018 17:15

Instrument :
BNA_F
ClientSampleId :
JC-03-010318-F

Tgt Ion:	136	Resp:	453490
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.5	6.6	9.8
68	6.3	5.0	7.4

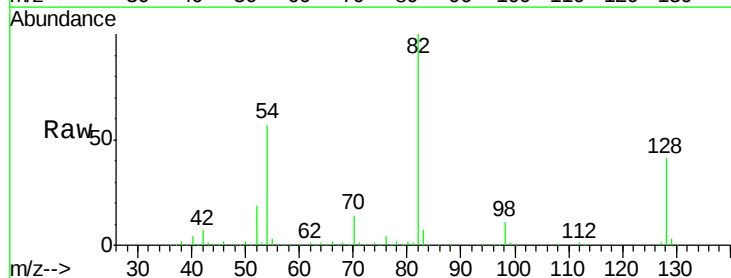


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

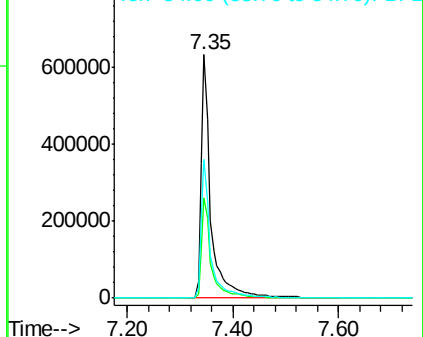
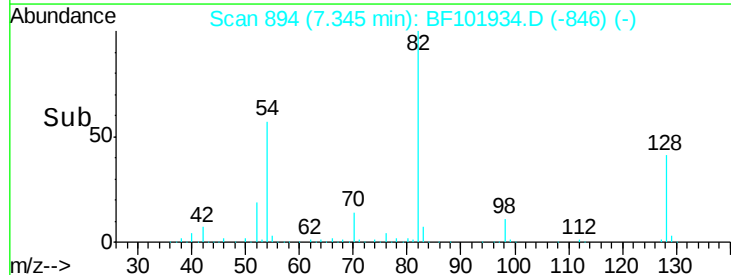


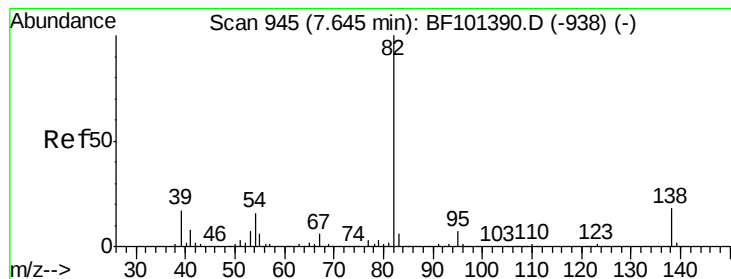
#23
Nitrobenzene-d5
Concen: 100.734 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.02 min
Lab File: BF101934.D
Acq: 5 Jan 2018 17:15

Tgt Ion:	82	Resp:	820642
Ion	Ratio	Lower	Upper
82	100		
128	41.1	36.1	54.1
54	57.1	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: 50.215 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BF101934.D

Acq: 5 Jan 2018 17:15

Instrument :

BNA_F

ClientSampleId :

JC-03-010318-F

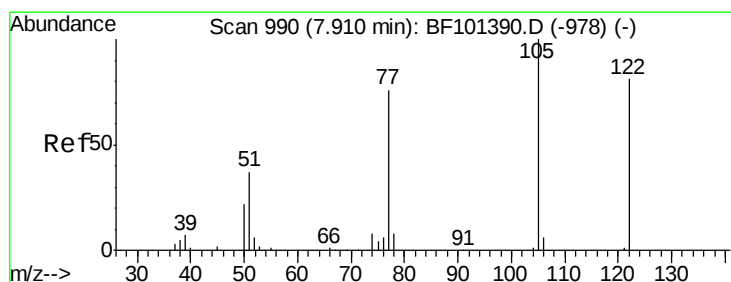
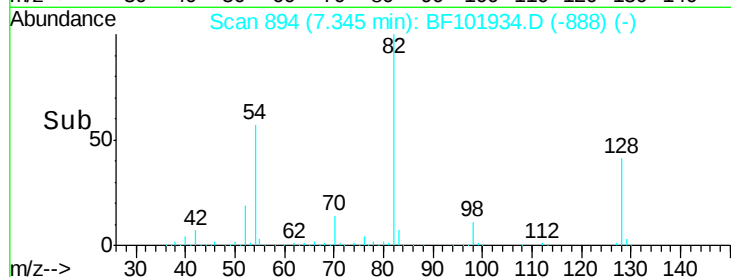
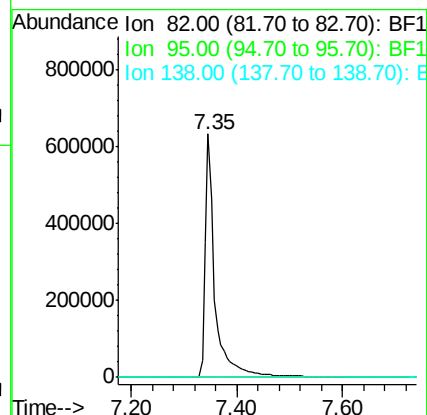
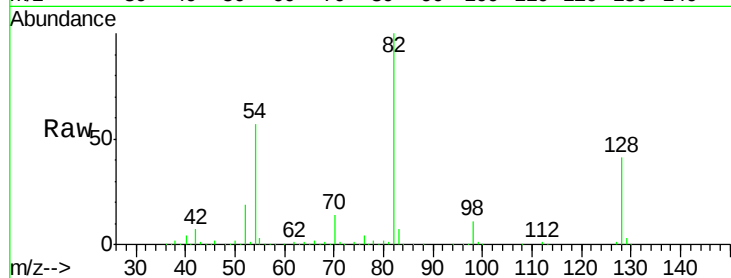
Tgt Ion: 82 Resp: 820642

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#32

Benzoic acid

Concen: 8.068 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.13 min

Lab File: BF101934.D

Acq: 5 Jan 2018 17:15

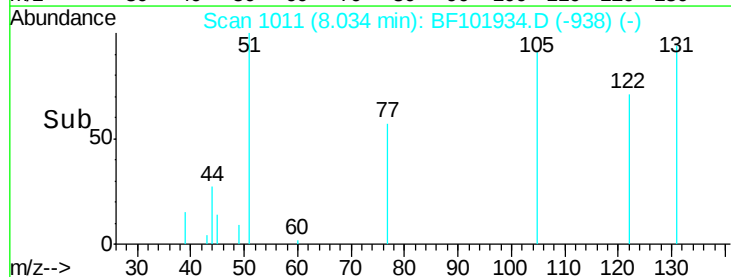
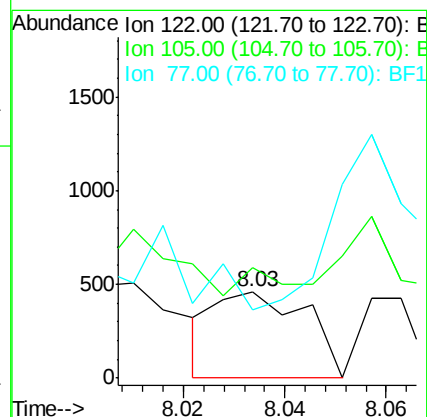
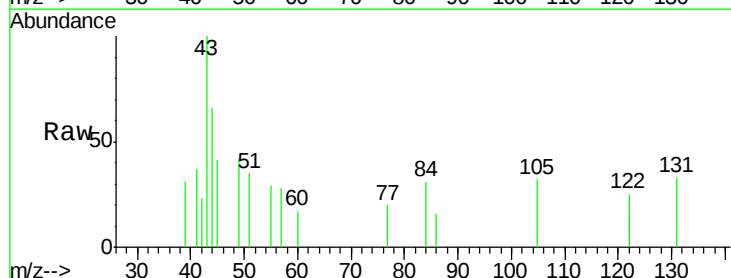
Tgt Ion: 122 Resp: 568

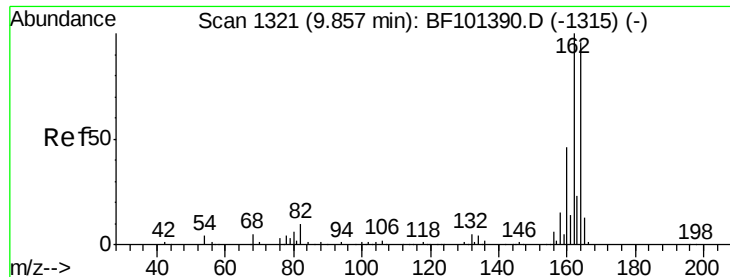
Ion Ratio Lower Upper

122 100

105 128.4 101.1 141.1

77 79.6 70.7 110.7

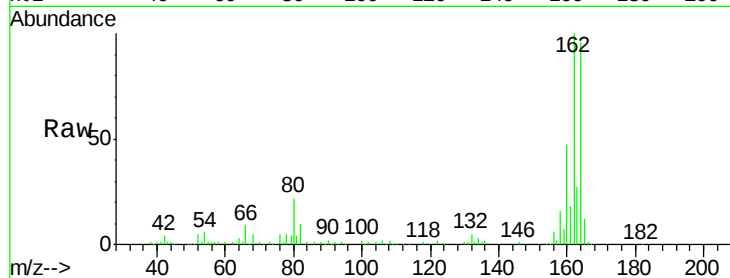




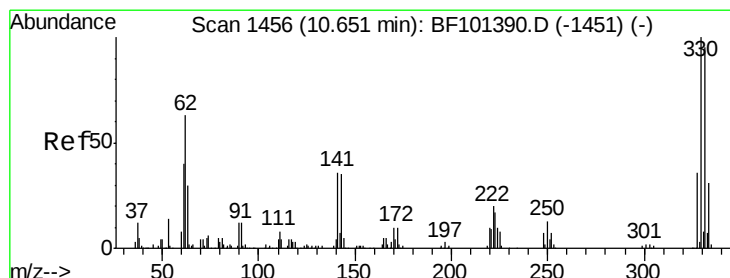
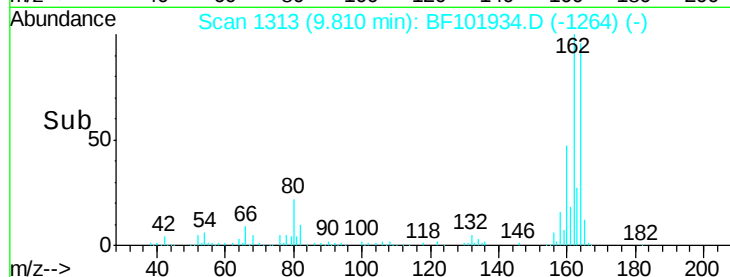
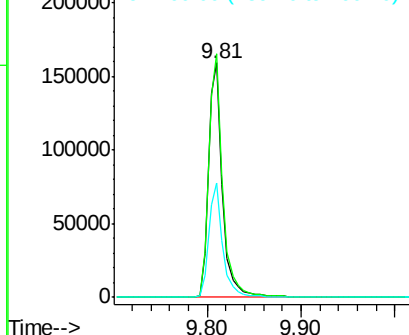
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF101934.D
Acq: 5 Jan 2018 17:15

Instrument :
BNA_F
ClientSampleId :
JC-03-010318-F

Tgt Ion:164 Resp: 165629
Ion Ratio Lower Upper
164 100
162 104.0 86.1 129.1
160 48.6 38.3 57.5

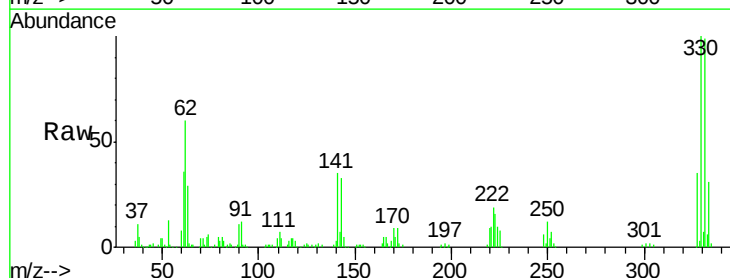


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

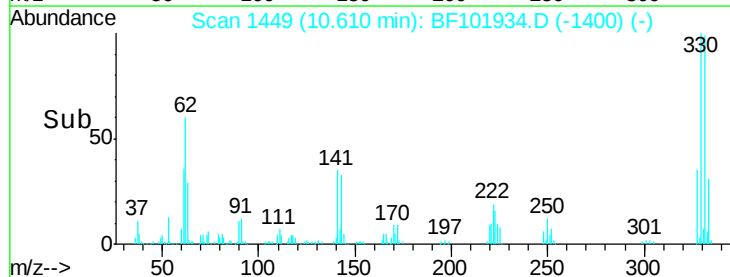
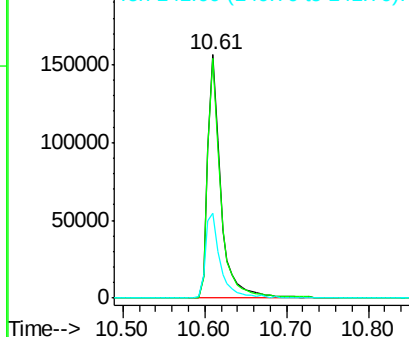


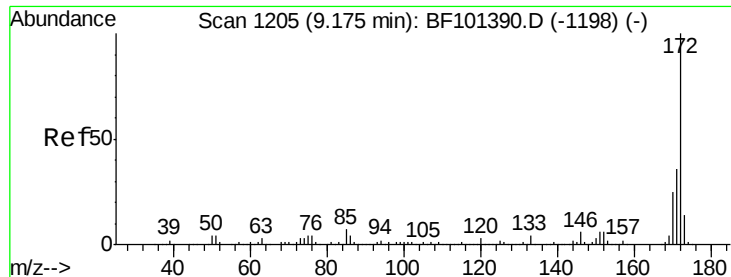
#41
2,4,6-Tribromophenol
Concen: 109.772 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF101934.D
Acq: 5 Jan 2018 17:15

Tgt Ion:330 Resp: 175192
Ion Ratio Lower Upper
330 100
332 98.0 77.0 115.6
141 40.0 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

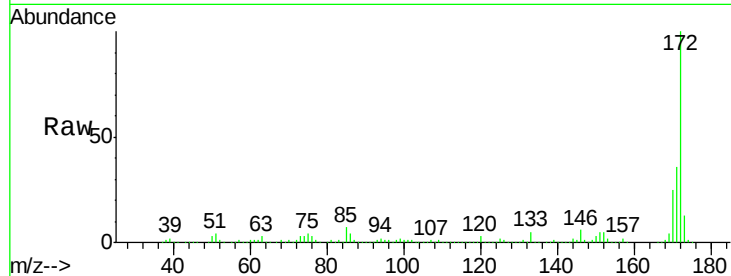




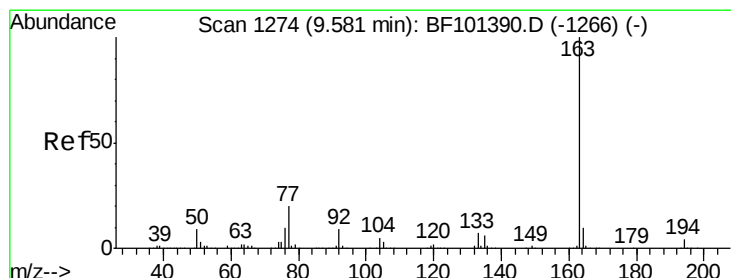
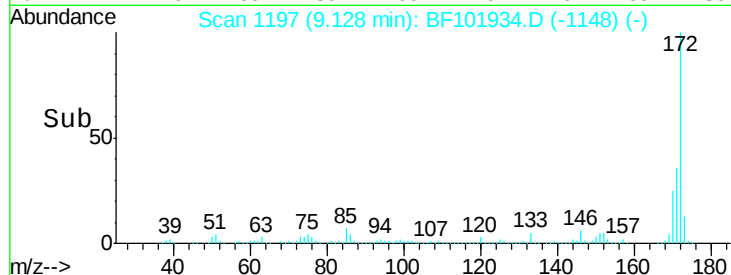
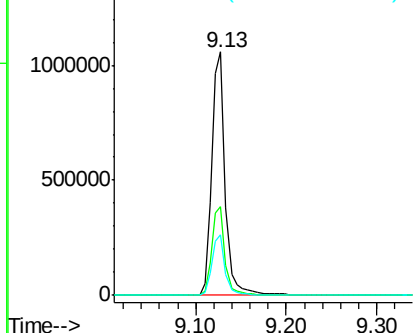
#44
2-Fluorobiphenyl
Concen: 103.936 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF101934.D
Acq: 5 Jan 2018 17:15

Instrument :
BNA_F
ClientSampleId :
JC-03-010318-F

Tgt Ion:172 Resp: 1109749
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.7 19.6 29.4

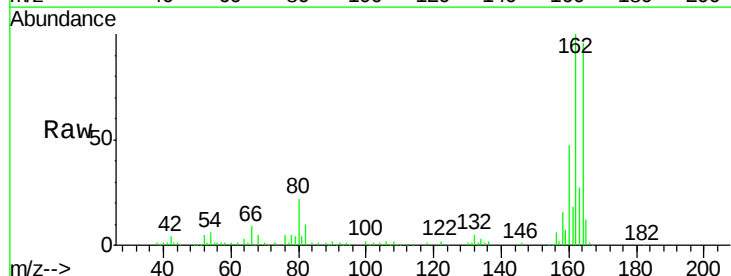


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

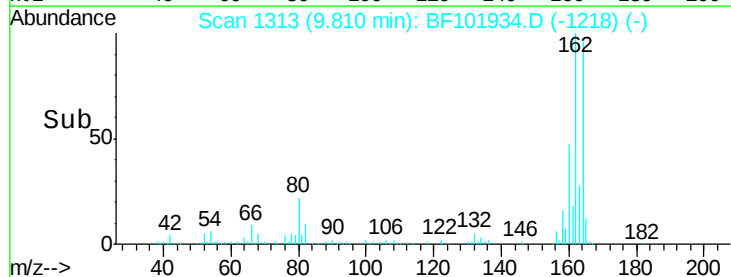
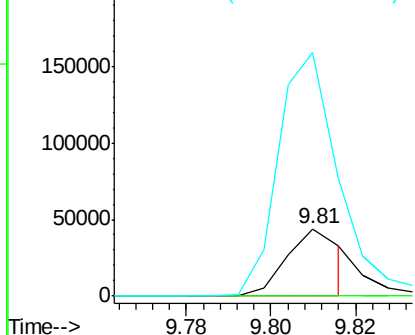


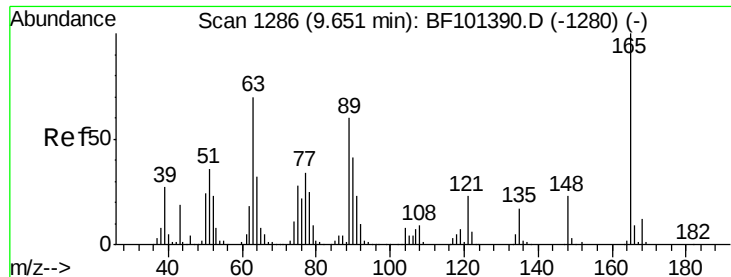
#49
Dimethylphthalate
Concen: 2.900 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.26 min
Lab File: BF101934.D
Acq: 5 Jan 2018 17:15

Tgt Ion:163 Resp: 38640
Ion Ratio Lower Upper
163 100
194 0.0 2.7 4.1#
164 362.6 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

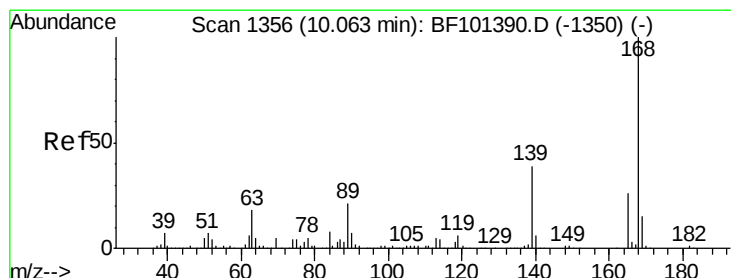
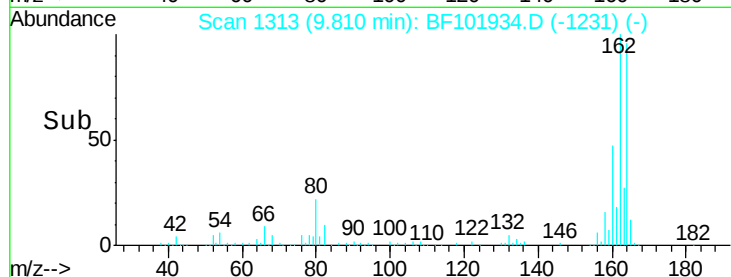
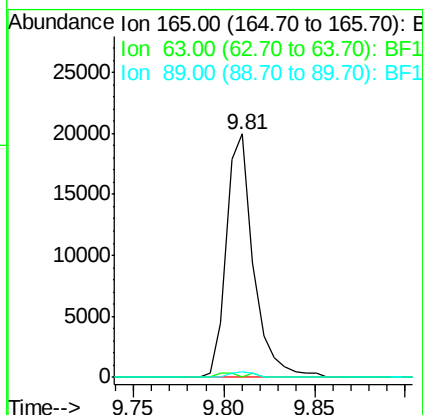
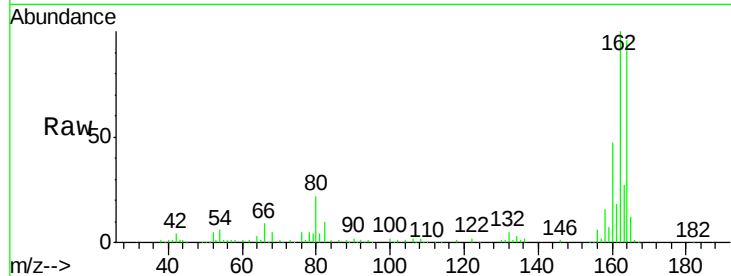




#50
 2,6-Dinitrotoluene
 Concen: 7.692 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.18 min
 Lab File: BF101934.D
 Acq: 5 Jan 2018 17:15

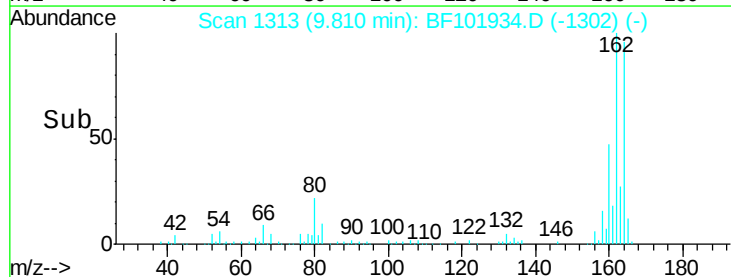
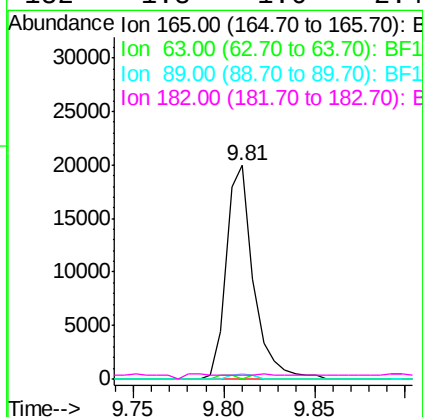
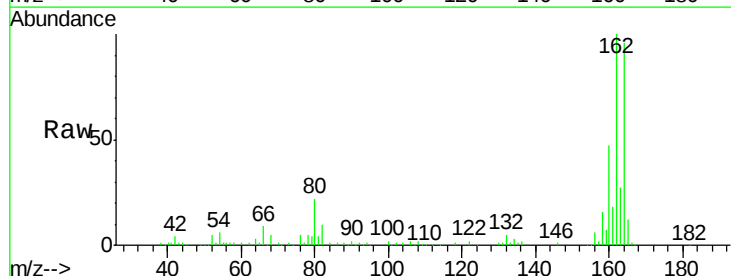
Instrument :
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 JC-03-010318-F

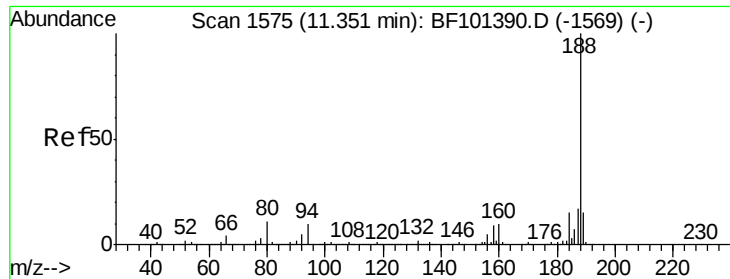
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	2.3	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.828 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.24 min
 Lab File: BF101934.D
 Acq: 5 Jan 2018 17:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	2.3	57.8	86.6#
182	1.8	1.6	2.4

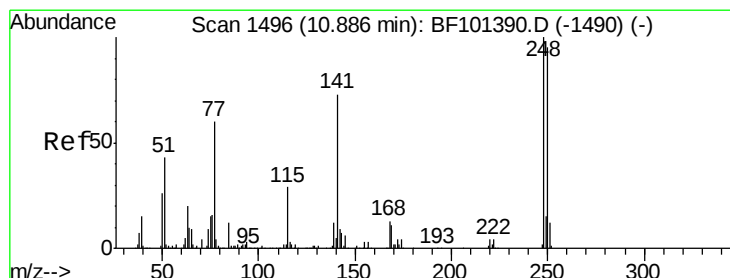
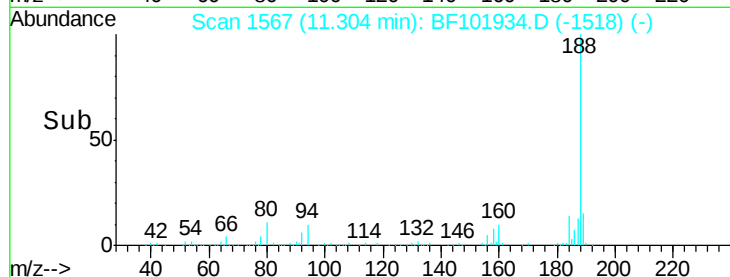
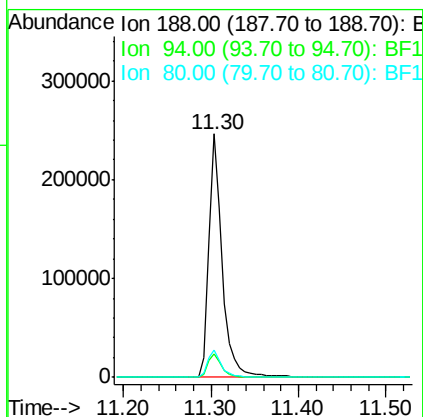
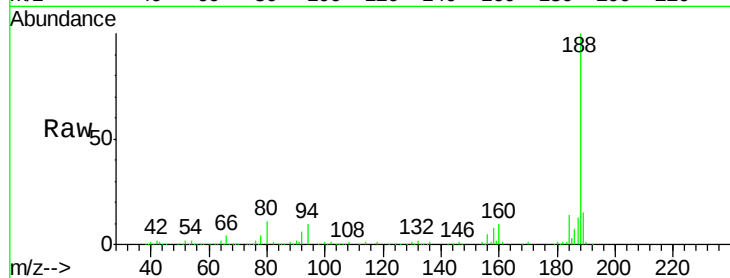




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF101934.D
Acq: 5 Jan 2018 17:15

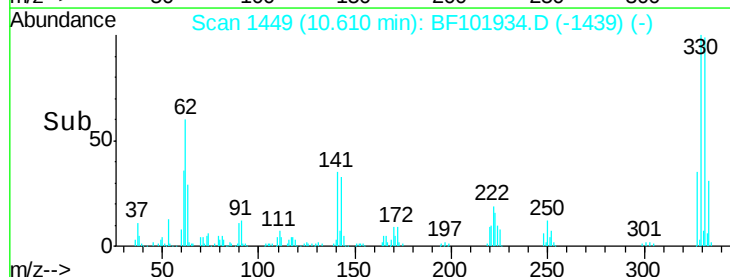
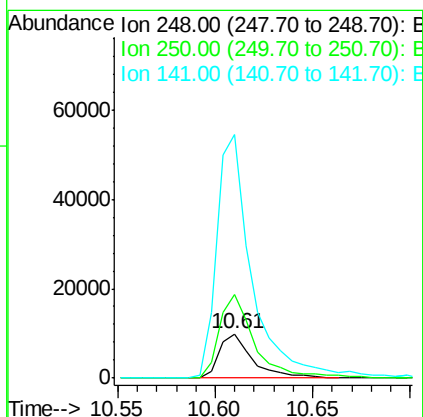
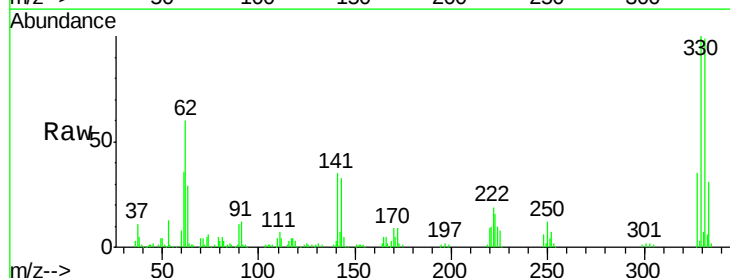
Instrument :
BNA_F
ClientSampleId :
JC-03-010318-F

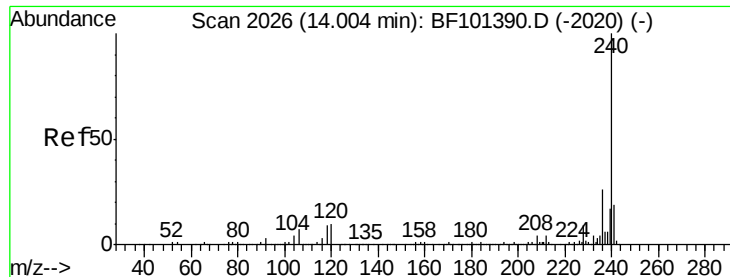
Tgt Ion:188 Resp: 262191
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 11.3 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.950 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.24 min
Lab File: BF101934.D
Acq: 5 Jan 2018 17:15

Tgt Ion:248 Resp: 11636
Ion Ratio Lower Upper
248 100
250 188.4 76.9 115.3#
141 547.8 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.02 min

Lab File: BF101934.D

Acq: 5 Jan 2018 17:15

Instrument :

BNA_F

ClientSampleId :

JC-03-010318-F

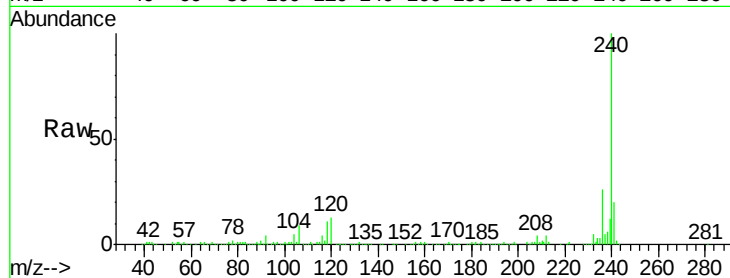
Tgt Ion:240 Resp: 246558

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

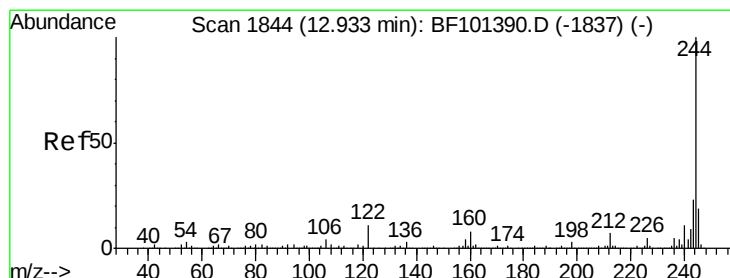
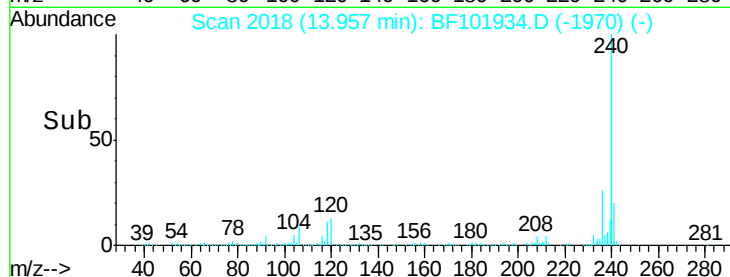
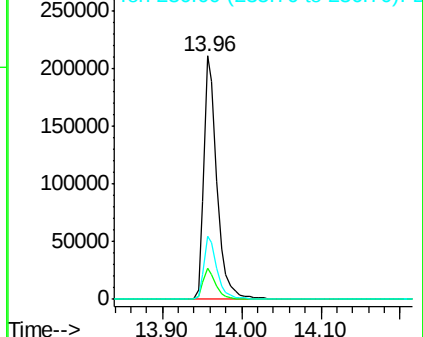
236 25.7 20.7 31.1



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: 84.016 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BF101934.D

Acq: 5 Jan 2018 17:15

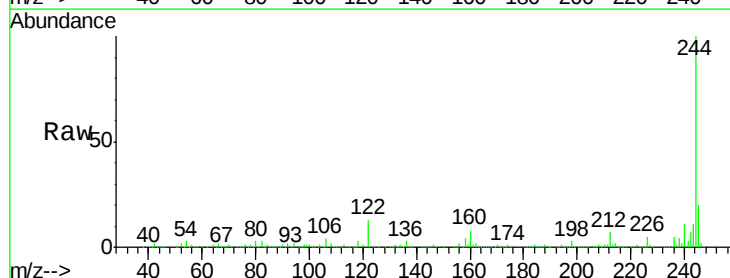
Tgt Ion:244 Resp: 859264

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

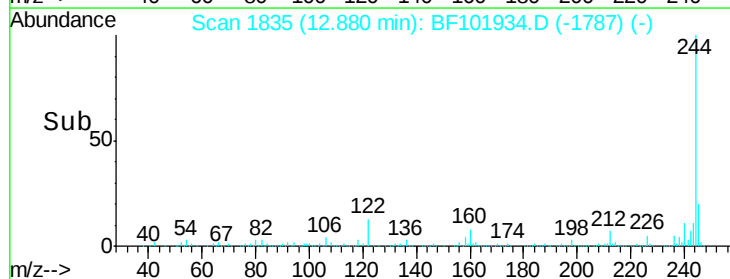
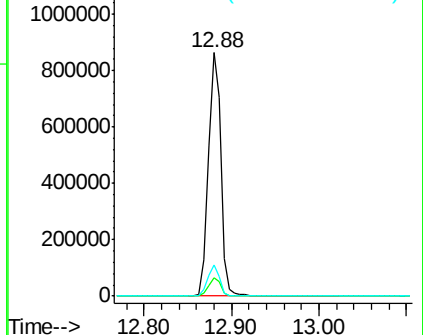
122 12.9 11.0 16.4

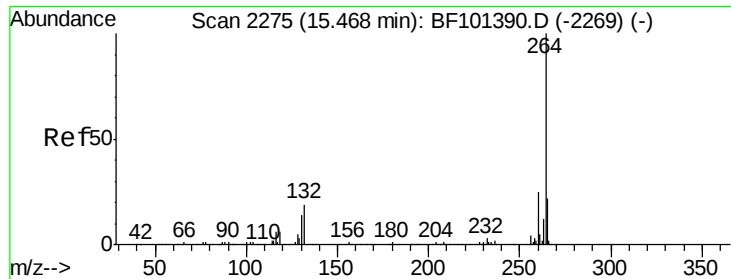


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF101934.D
Acq: 5 Jan 2018 17:15

Instrument :
BNA_F
ClientSampleId :
JC-03-010318-F

Tgt Ion: 264 Resp: 198527
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.2 17.5 26.3

