

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062718\
 Data File : BF106878.D
 Acq On : 27 Jun 2018 18:01
 Operator : JU/SJ
 Sample : J3570-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20180376-COMPOSITE-CS-1B-ELU

Quant Time: Jun 28 00:53:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

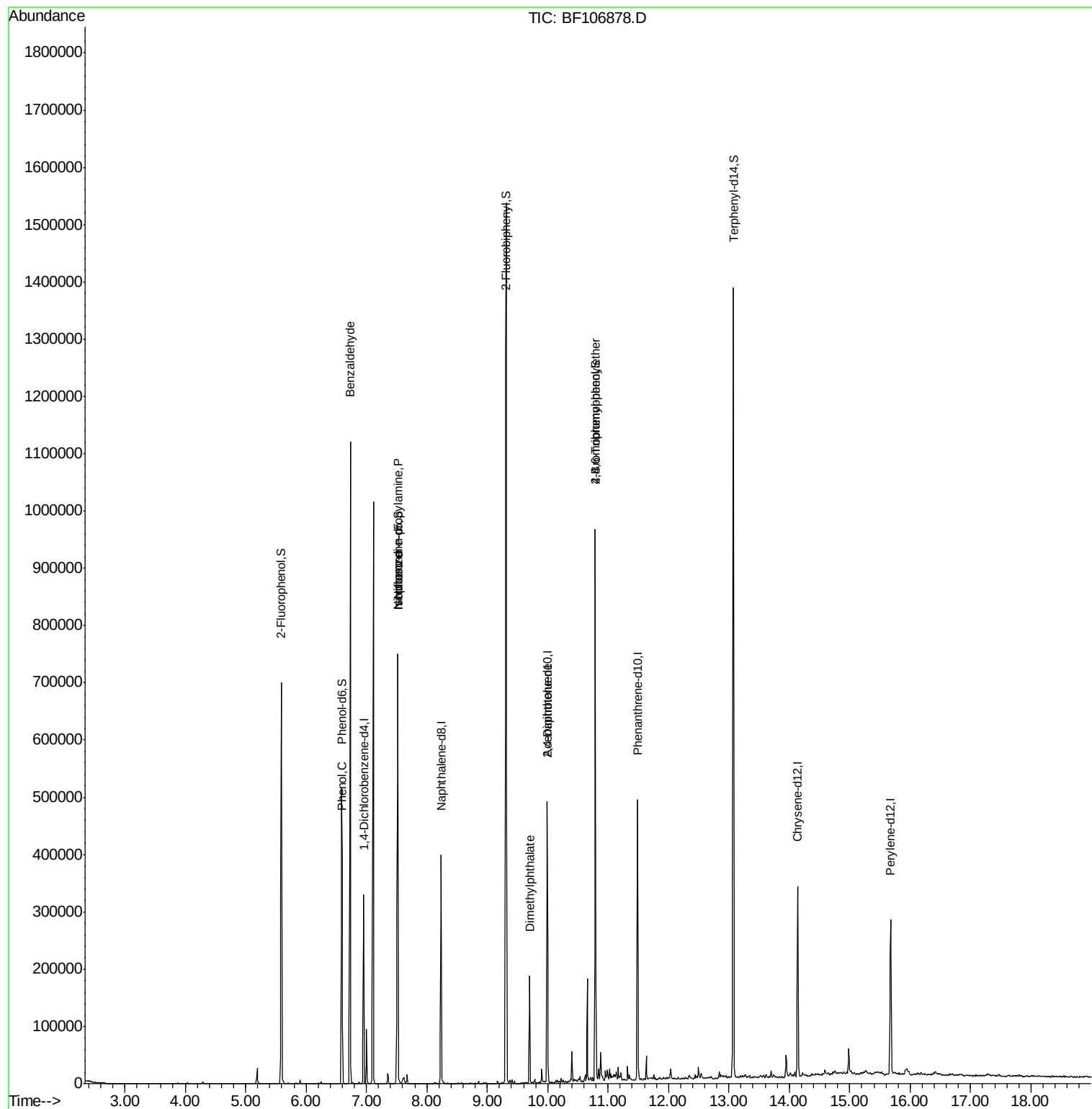
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	48241	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	185747	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	97557	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	193138	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	128959	20.00	ng	-0.03
86) Perylene-d12	15.68	264	140721	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	197237	69.23	ng	-0.01
7) Phenol-d6	6.59	99	174627	49.08	ng	-0.02
23) Nitrobenzene-d5	7.52	82	292563	87.53	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	165843	146.67	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	549482	97.51	ng	-0.01
78) Terphenyl-d14	13.08	244	598596	112.44	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	6875	2.297	ng	Qvalue # 83
10) Phenol	6.60	94	8450	2.081	ng	# 87
19) n-Nitroso-di-n-propylamine	7.52	70	38108	16.250	ng	# 75
25) Isophorone	7.52	82	292558	49.673	ng	# 64
49) Dimethylphthalate	9.70	163	70773	9.673	ng	# 98
56) 2,4-Dinitrotoluene	10.00	165	12361	6.112	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	10178	4.416	ng	# 1

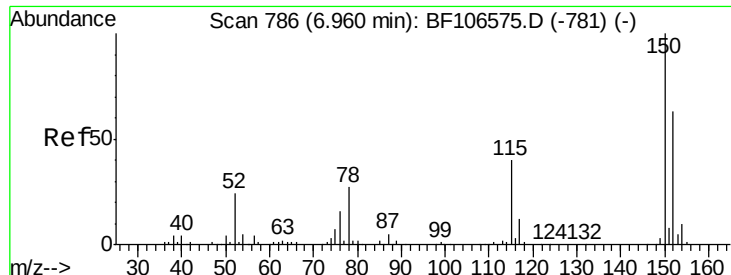
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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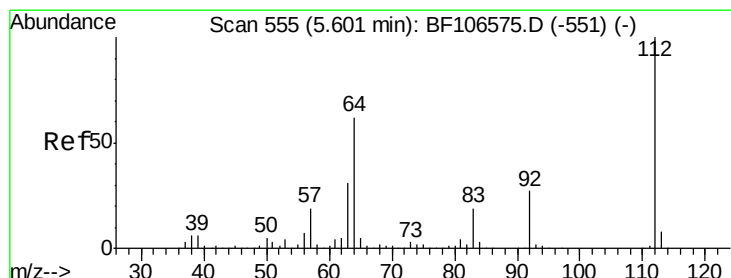
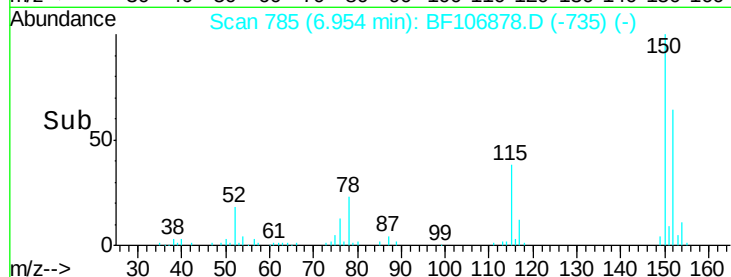
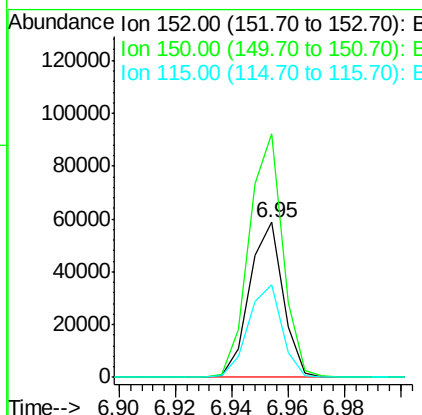
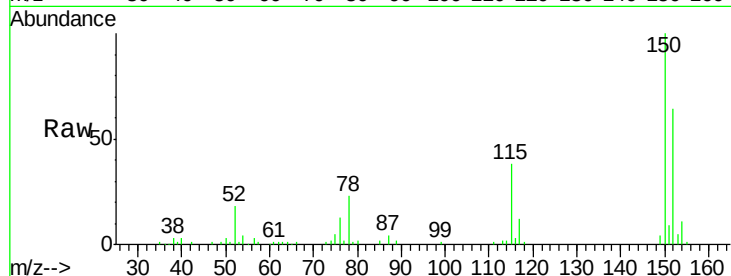


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106878.D
Acq: 27 Jun 2018 18:01

Instrument :
BNA_F
ClientSampleId :
20180376-COMPOSITE-CS-1B-ELU

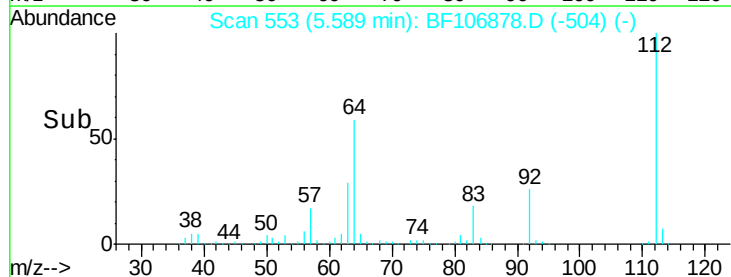
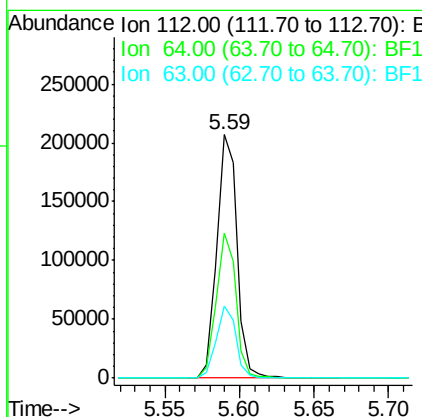
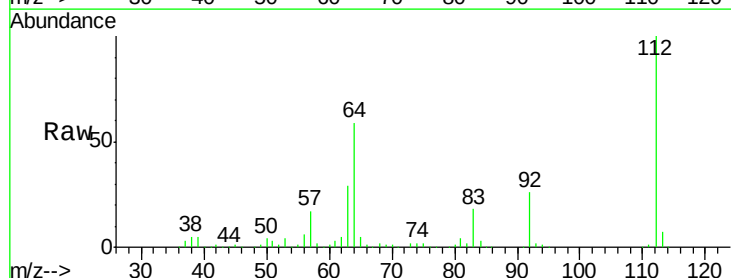
Tgt Ion:152 Resp: 48241
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 60.0 50.1 75.1

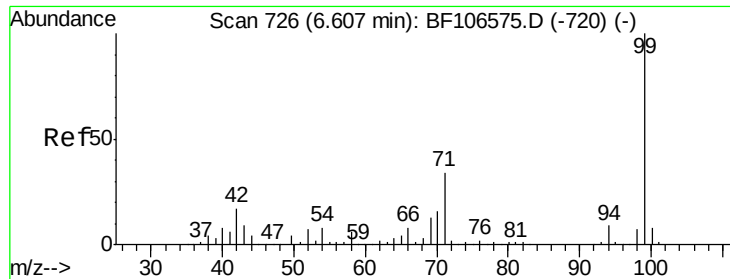


#5

2-Fluorophenol
Concen: 69.233 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF106878.D
Acq: 27 Jun 2018 18:01

Tgt Ion:112 Resp: 197237
Ion Ratio Lower Upper
112 100
64 59.4 47.9 71.9
63 29.4 23.7 35.5





#7

Phenol-d6

Concen: 49.084 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF106878.D

Acq: 27 Jun 2018 18:01

Instrument :

BNA_F

ClientSampleId :

20180376-COMPOSITE-CS-1B-ELU

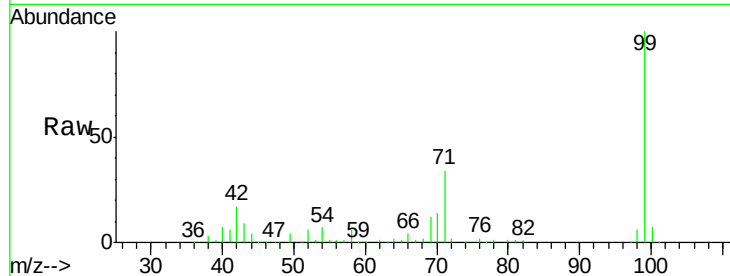
Tgt Ion: 99 Resp: 174627

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

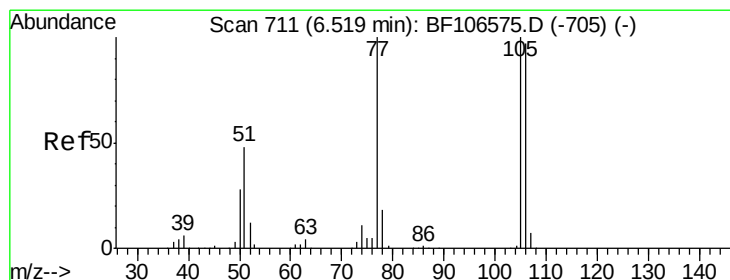
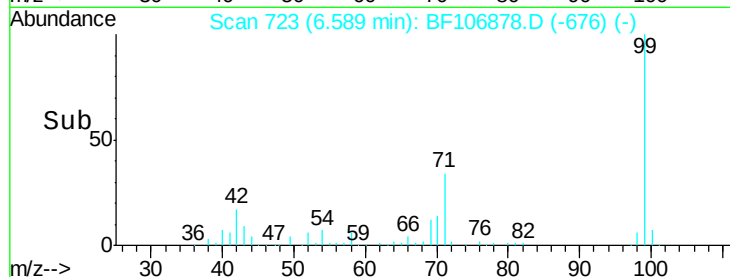
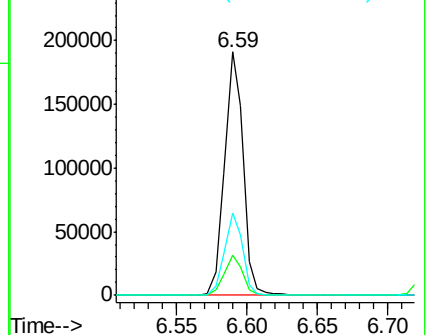
71 33.6 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.297 ng

RT: 6.73 min Scan# 747

Delta R.T. 0.21 min

Lab File: BF106878.D

Acq: 27 Jun 2018 18:01

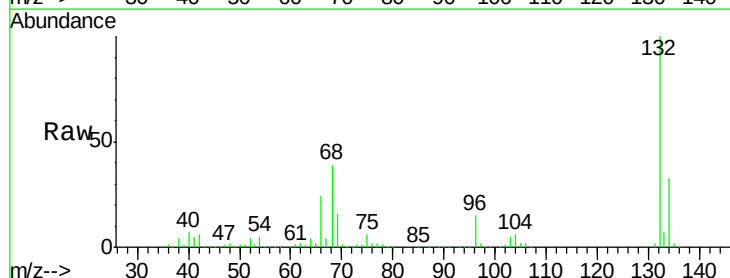
Tgt Ion: 77 Resp: 6875

Ion Ratio Lower Upper

77 100

105 79.9 81.1 121.1#

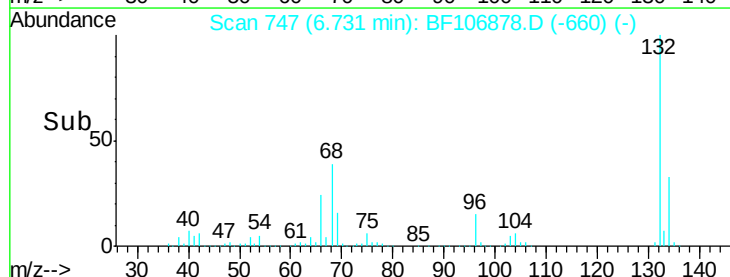
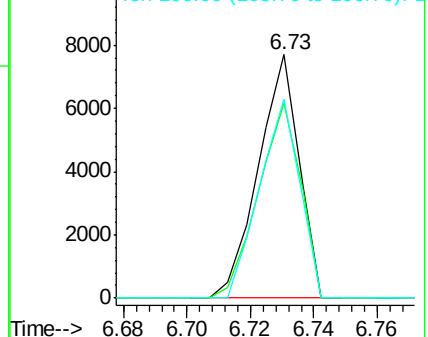
106 81.8 74.5 114.5

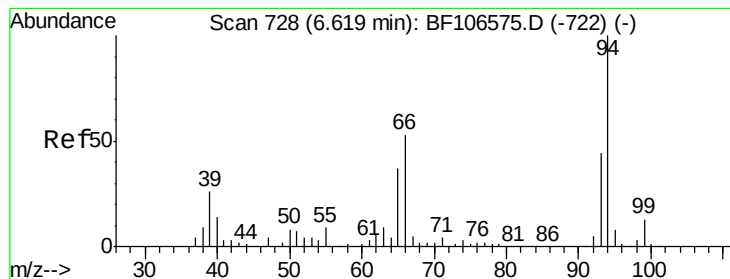


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 2.081 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF106878.D

Acq: 27 Jun 2018 18:01

Instrument :

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20180376-COMPOSITE-CS-1B-ELU

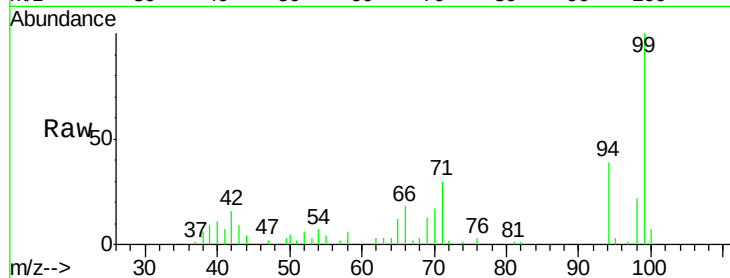
Tgt Ion: 94 Resp: 8450

Ion Ratio Lower Upper

94 100

65 31.6 7.9 47.9

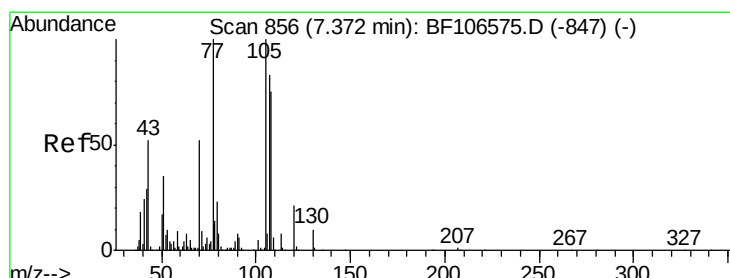
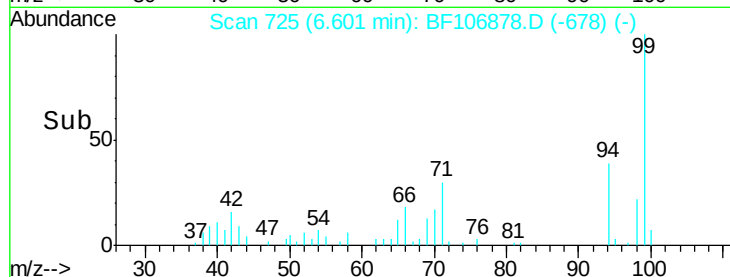
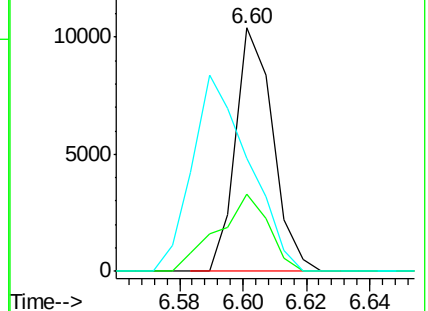
66 46.2 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 16.250 ng

RT: 7.52 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF106878.D

Acq: 27 Jun 2018 18:01

Tgt Ion: 70 Resp: 38108

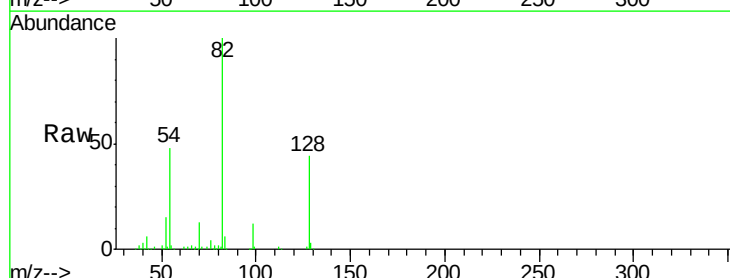
Ion Ratio Lower Upper

70 100

42 44.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

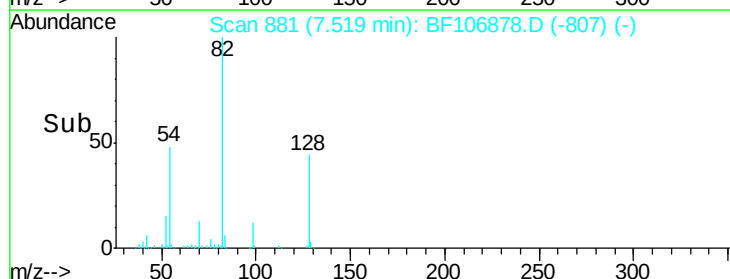
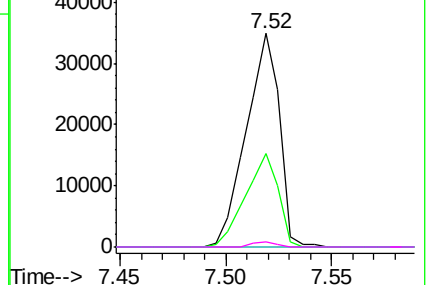


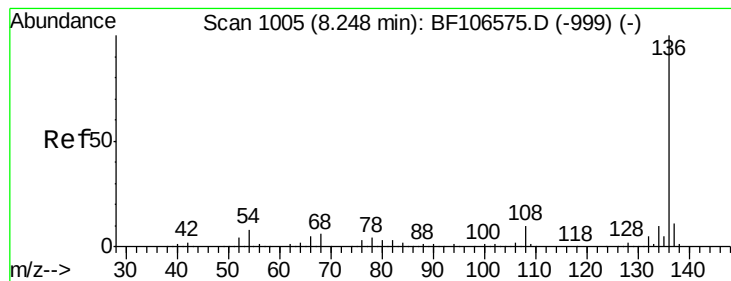
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF106878.D

Acq: 27 Jun 2018 18:01

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20180376-COMPOSITE-CS-1B-ELU

Tgt Ion: 136 Resp: 185747

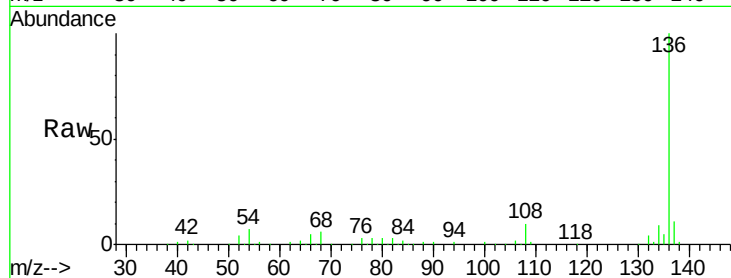
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.5 6.6 9.8

68 6.2 5.0 7.4

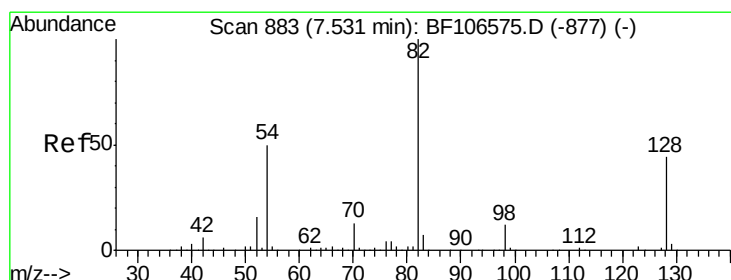
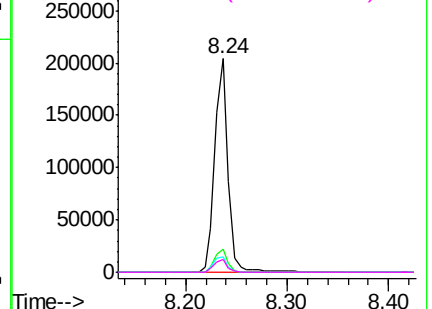
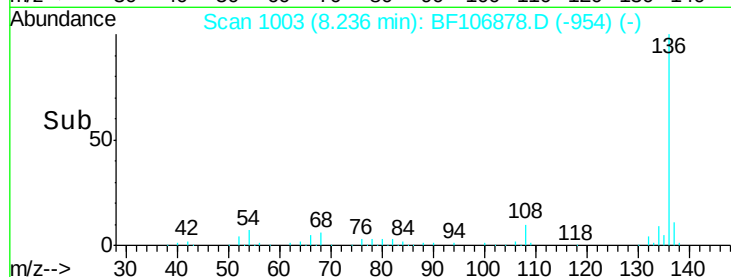


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.532 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF106878.D

Acq: 27 Jun 2018 18:01

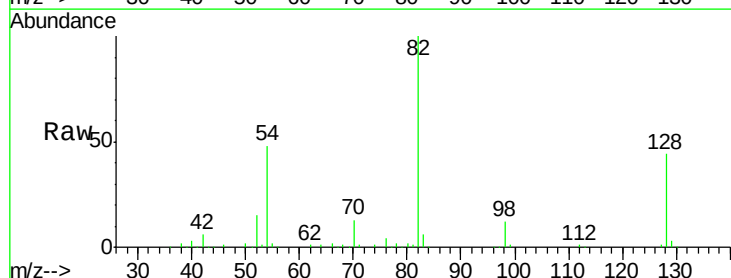
Tgt Ion: 82 Resp: 292563

Ion Ratio Lower Upper

82 100

128 44.4 36.1 54.1

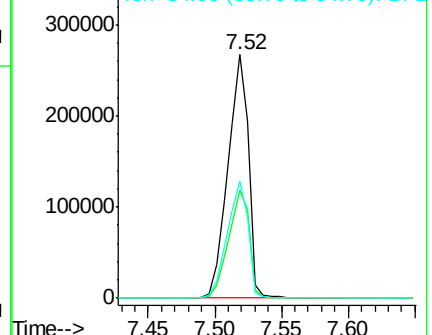
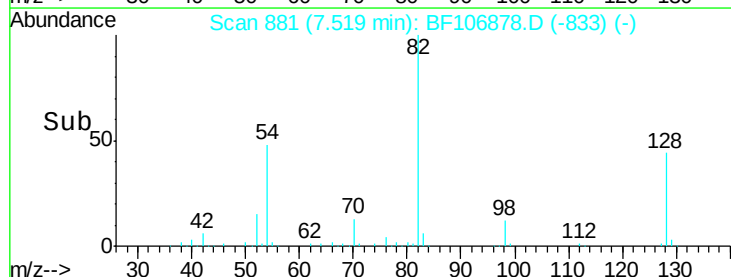
54 48.2 41.4 62.2

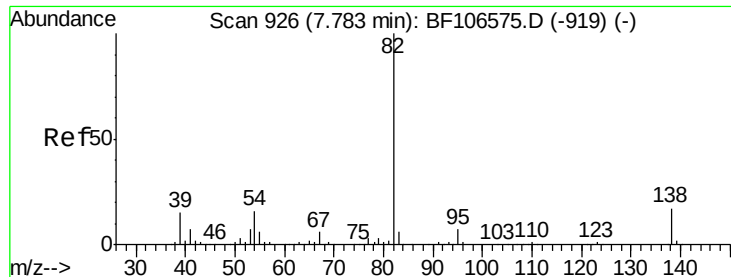


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 49.673 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF106878.D

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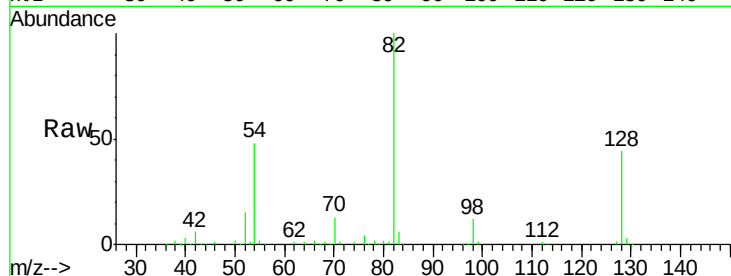
Tgt Ion: 82 Resp: 292558

Ion Ratio Lower Upper

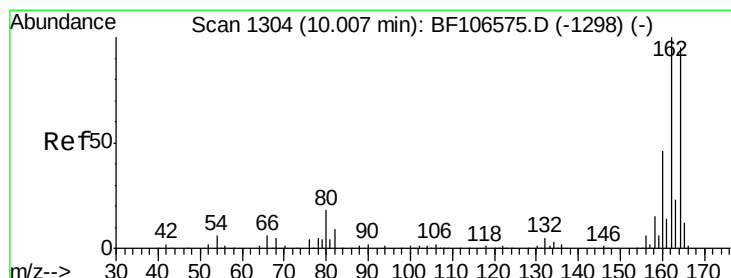
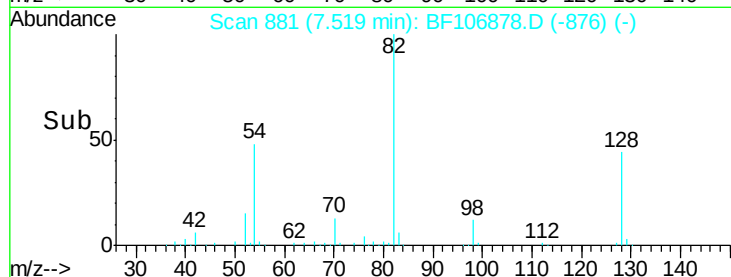
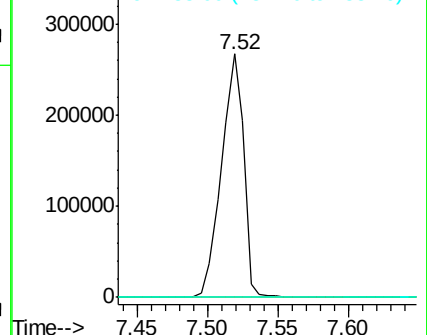
82 100

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: 10.00 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF106878.D

Acq: 27 Jun 2018 18:01

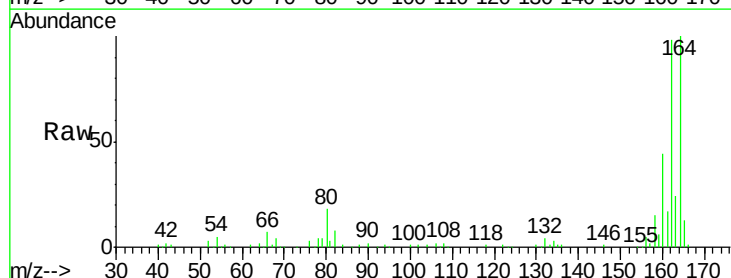
Tgt Ion: 164 Resp: 97557

Ion Ratio Lower Upper

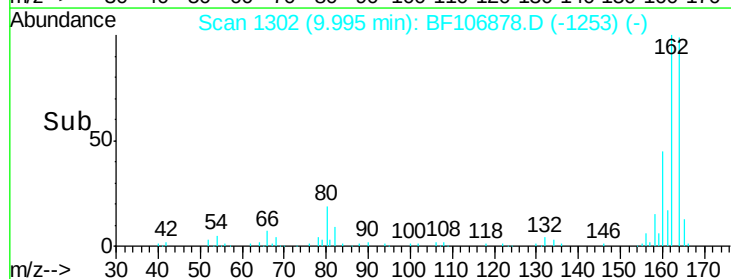
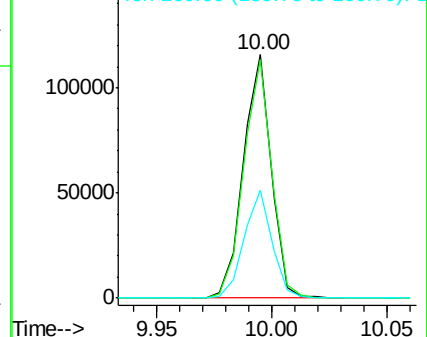
164 100

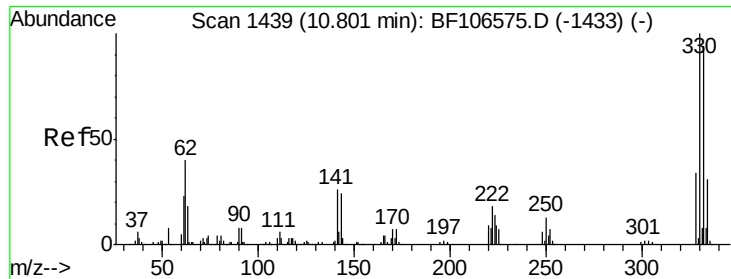
162 98.1 86.1 129.1

160 44.5 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

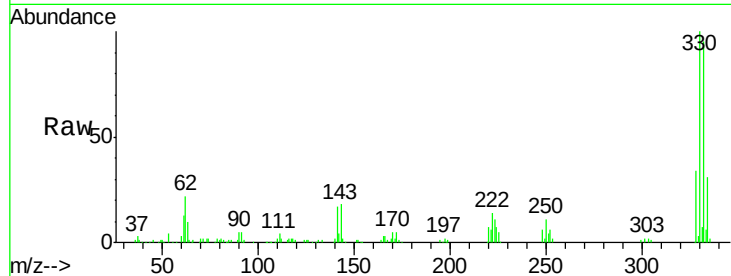




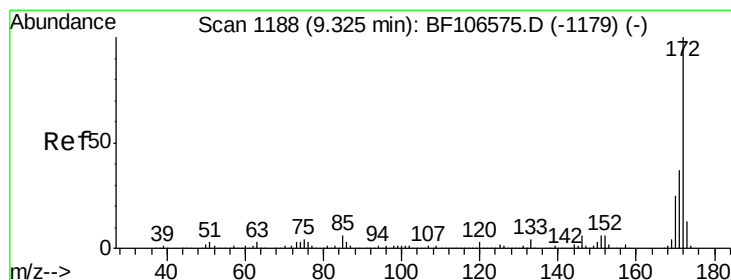
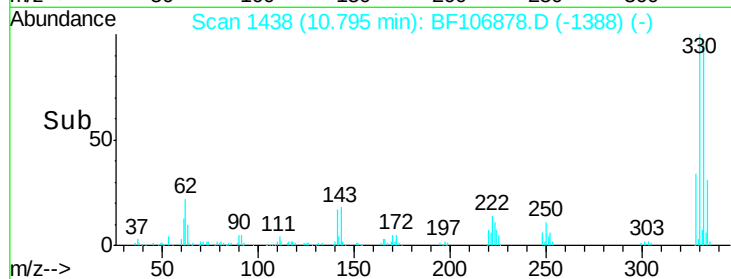
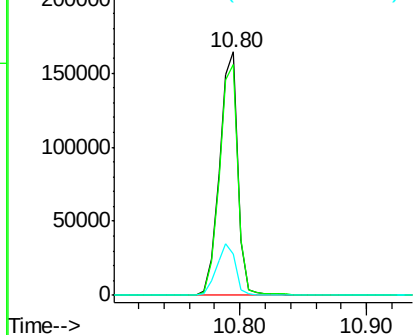
#41
 2,4,6-Tribromophenol
 Concen: 146.671 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106878.D
 Acq: 27 Jun 2018 18:01

Instrument :
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 20180376-COMPOSITE-CS-1B-ELU

Tgt Ion:330 Resp: 165843
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 22.0 29.9 44.9#

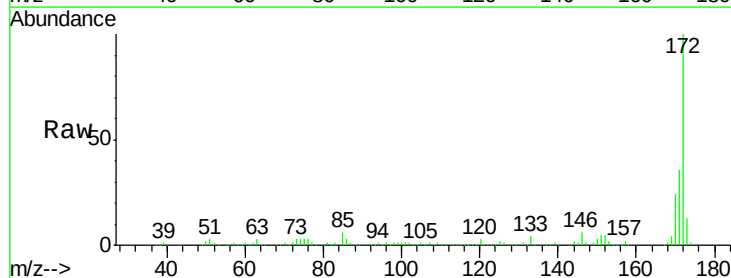


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

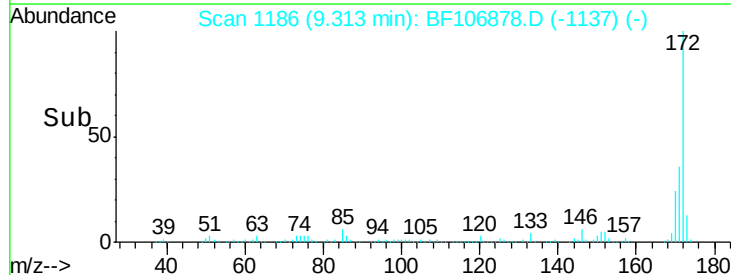
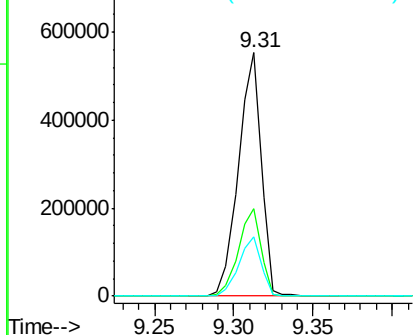


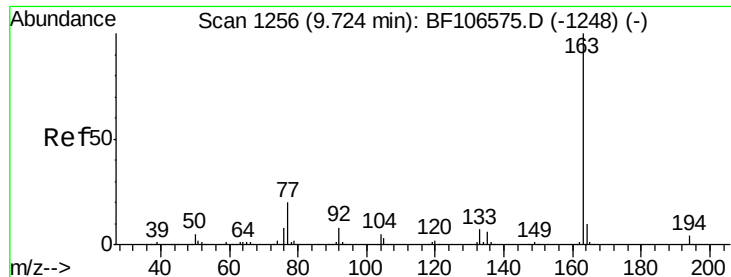
#44
 2-Fluorobiphenyl
 Concen: 97.506 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106878.D
 Acq: 27 Jun 2018 18:01

Tgt Ion:172 Resp: 549482
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.4 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

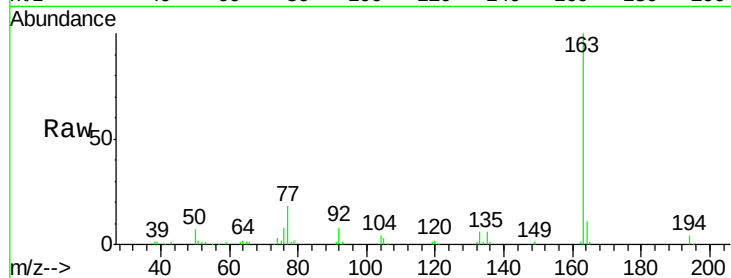




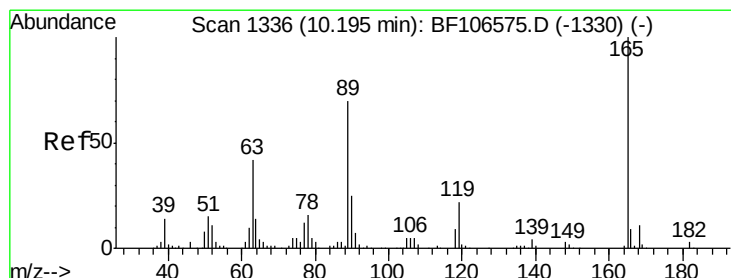
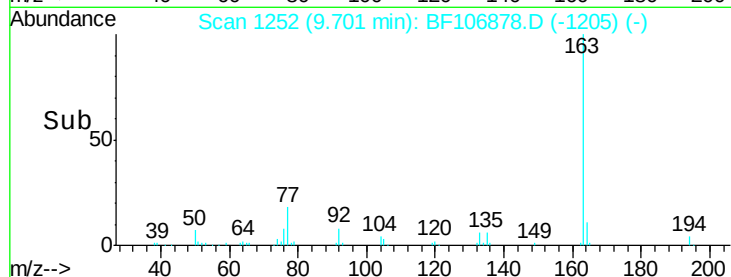
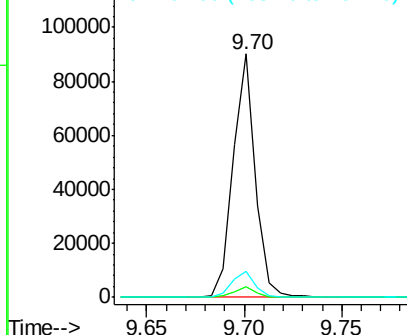
#49
Dimethylphthalate
Concen: 9.673 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106878.D
Acq: 27 Jun 2018 18:01

Instrument :
BNA_F
ClientSampleId :
20180376-COMPOSITE-CS-1B-ELU

Tgt Ion:163 Resp: 70773
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.9 8.2 12.2

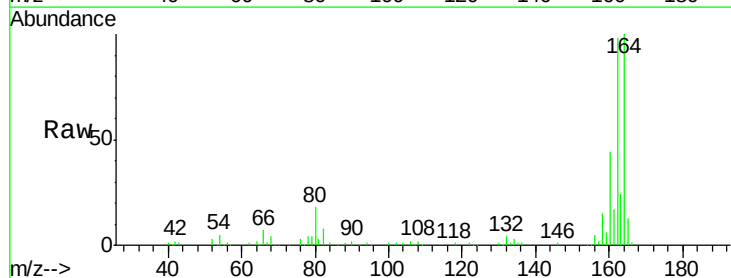


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

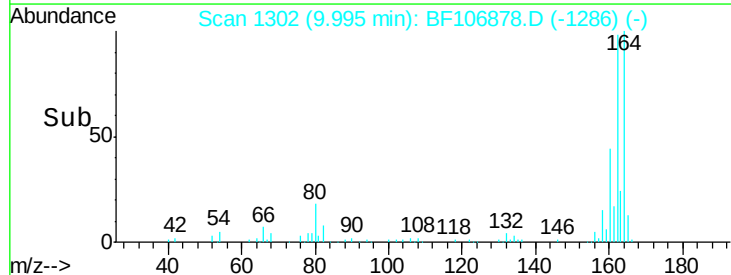
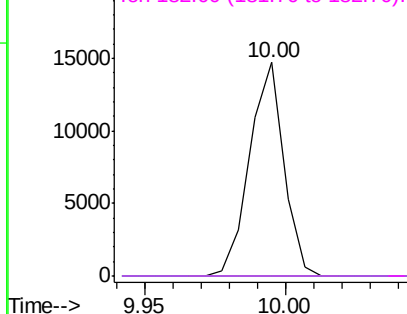


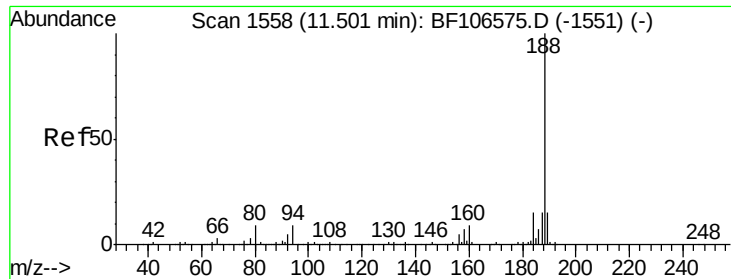
#56
2,4-Dinitrotoluene
Concen: 6.112 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF106878.D
Acq: 27 Jun 2018 18:01

Tgt Ion:165 Resp: 12361
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#



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

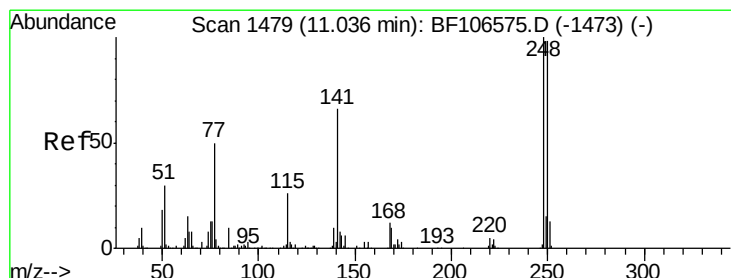
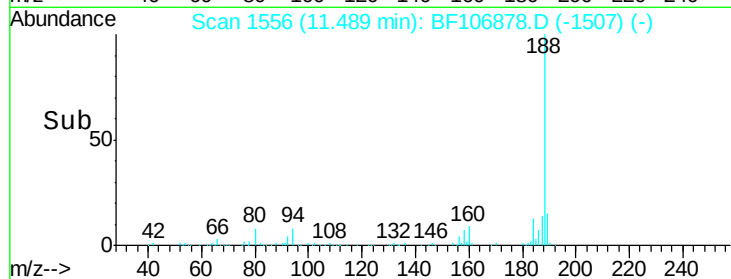
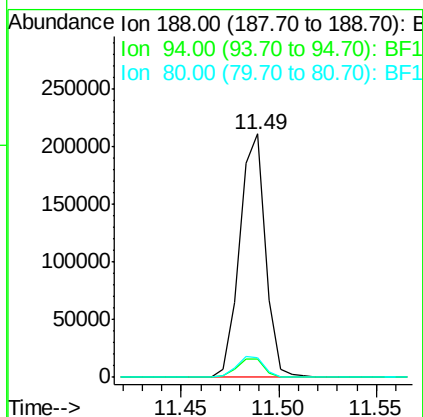
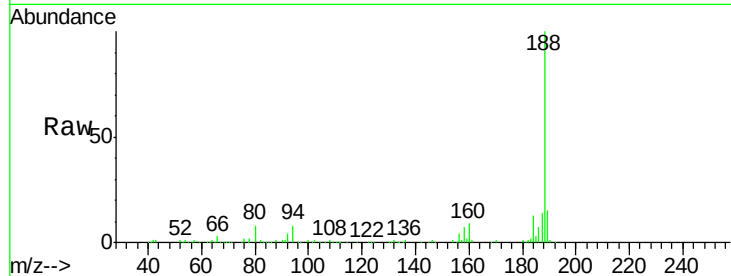




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106878.D
Acq: 27 Jun 2018 18:01

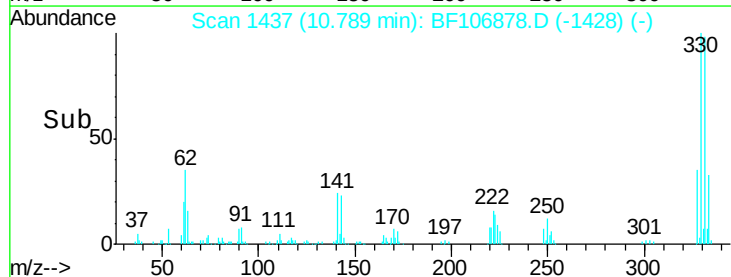
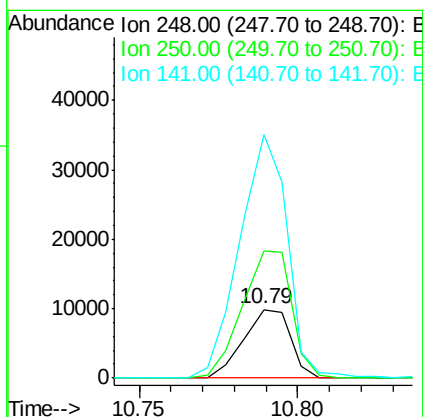
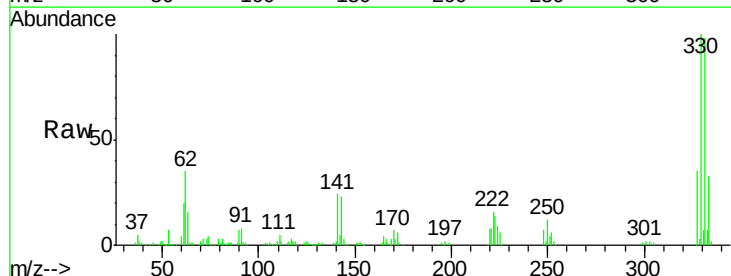
Instrument :
BNA_F
ClientSampleId :
20180376-COMPOSITE-CS-1B-ELU

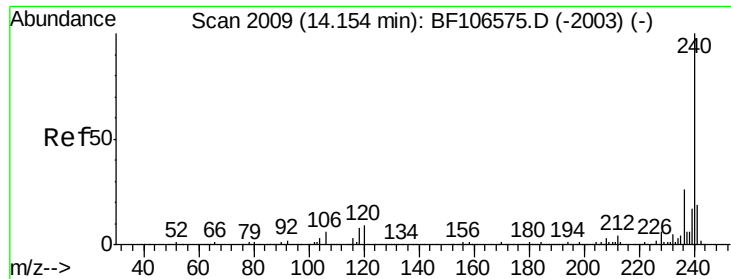
Tgt Ion:188 Resp: 193138
Ion Ratio Lower Upper
188 100
94 7.6 8.5 12.7#
80 8.1 9.2 13.8#



#66
4-Bromophenyl-phenylether
Concen: 4.416 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF106878.D
Acq: 27 Jun 2018 18:01

Tgt Ion:248 Resp: 10178
Ion Ratio Lower Upper
248 100
250 186.8 76.9 115.3#
141 356.1 74.4 111.6#

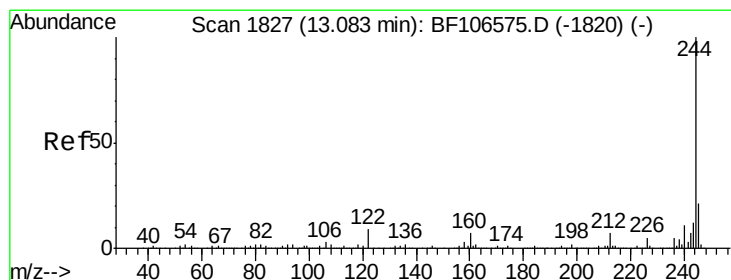
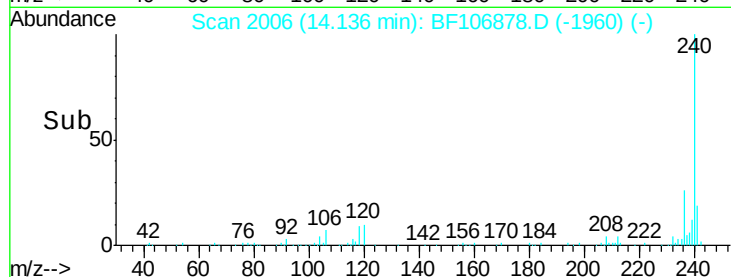
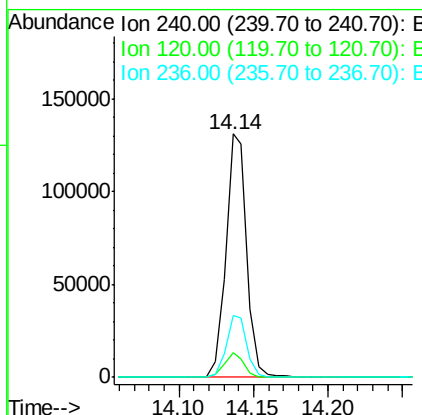
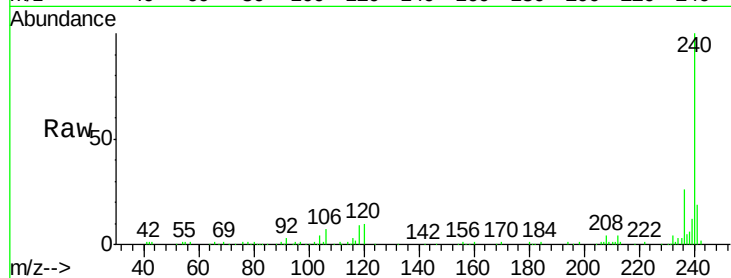




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF106878.D
Acq: 27 Jun 2018 18:01

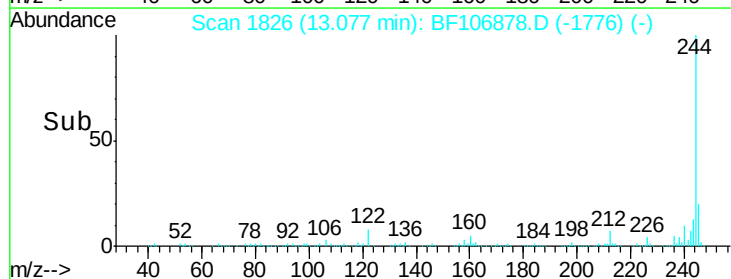
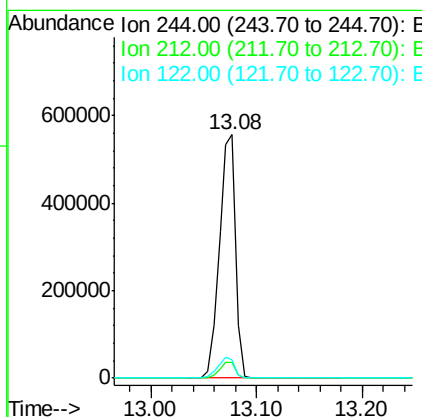
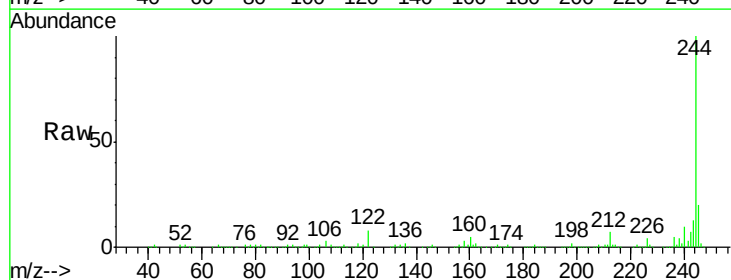
Instrument :
BNA_F
ClientSampleId :
20180376-COMPOSITE-CS-1B-ELU

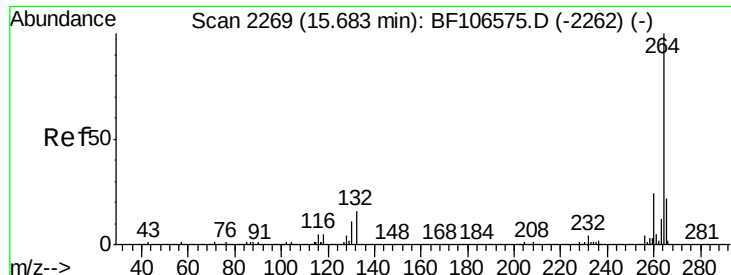
Tgt Ion:240 Resp: 128959
Ion Ratio Lower Upper
240 100
120 10.1 9.5 14.3
236 25.5 20.7 31.1



#78
Terphenyl-d14
Concen: 112.437 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106878.D
Acq: 27 Jun 2018 18:01

Tgt Ion:244 Resp: 598596
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 7.6 11.0 16.4#

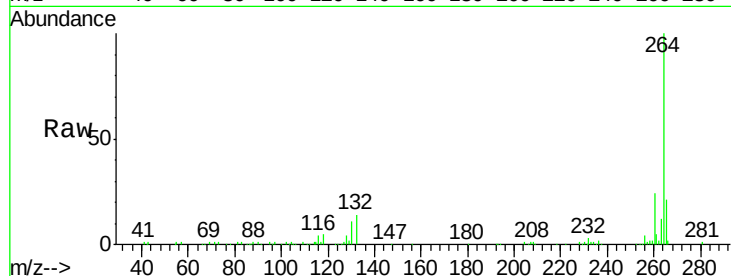




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.04 min
Lab File: BF106878.D
Acq: 27 Jun 2018 18:01

Instrument :
BNA_F
ClientSampleId :
20180376-COMPOSITE-CS-1B-ELU

Tgt Ion:	264	Resp:	140721
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.7	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

