

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021120\
 Data File : BF118897.D
 Acq On : 11 Feb 2020 21:32
 Operator : CG/JU
 Sample : L1438-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HAM-WC-S-SB-01

Quant Time: Feb 12 06:52:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

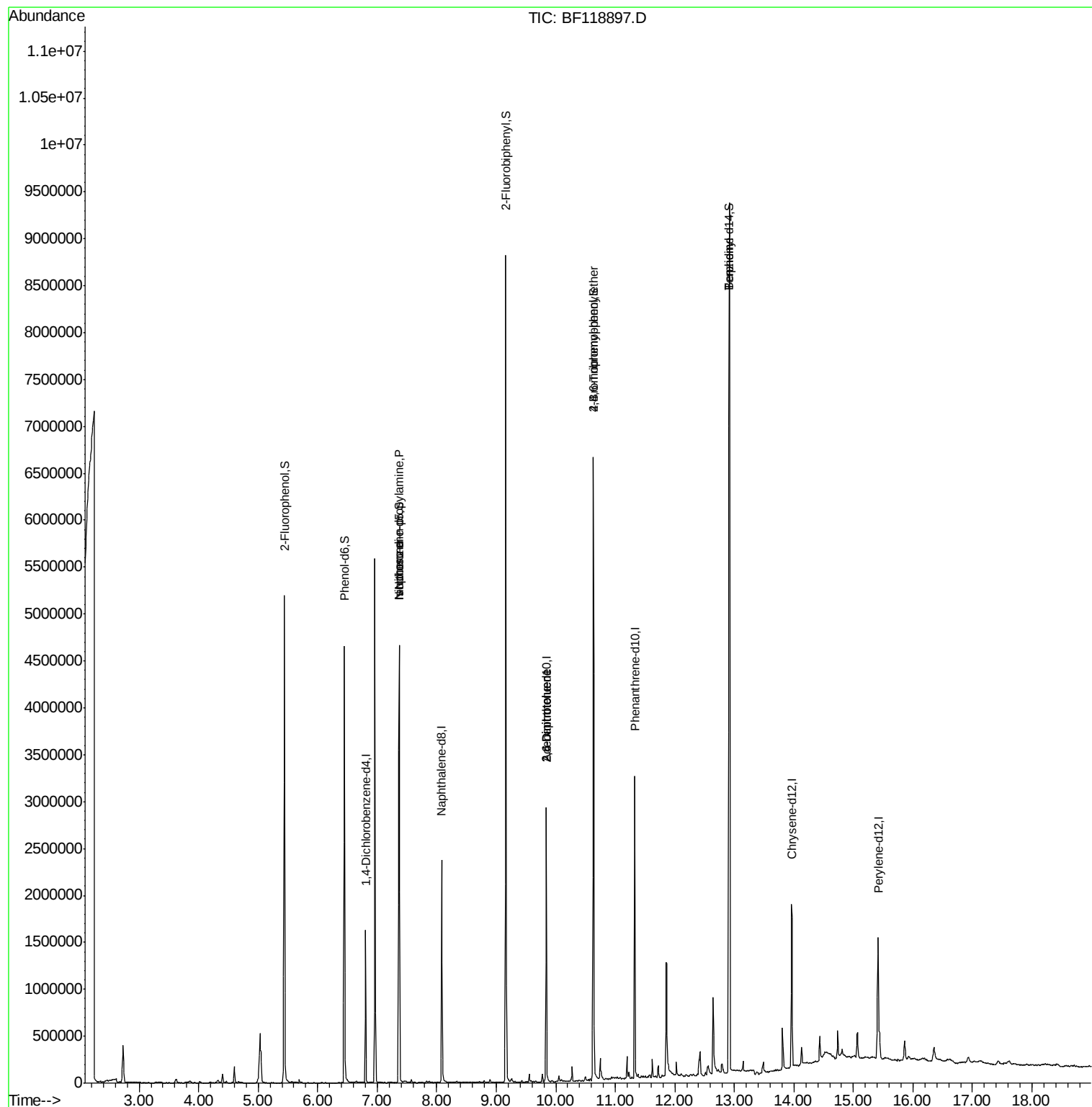
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	243144	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	1024788	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	602688	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	1190982	20.00	ng	-0.01
76) Chrysene-d12	13.96	240	638973	20.00	ng	-0.02
87) Perylene-d12	15.42	264	624420	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1642478	127.87	ng	0.00
7) Phenol-d6	6.45	99	1818930	114.08	ng	0.00
23) Nitrobenzene-d5	7.37	82	1609060	93.59	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	1011061	140.20	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	3092998	91.74	ng	-0.02
79) Terphenyl-d14	12.92	244	4110035	132.12	ng	0.00
Target Compounds						
9) Benzaldehyde	6.34	77	108	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.37	70	222635	22.820 ng	#	75
25) Isophorone	7.37	82	1609051	52.074 ng	#	63
51) 2,6-Dinitrotoluene	9.84	165	79933	8.513 ng	#	31
57) 2,4-Dinitrotoluene	9.84	165	79934	6.433 ng	#	34
67) 4-Bromophenyl-phenylether	10.63	248	64939	4.609 ng	#	1
77) Benizidine	12.92	184	57517	2.976 ng	#	93

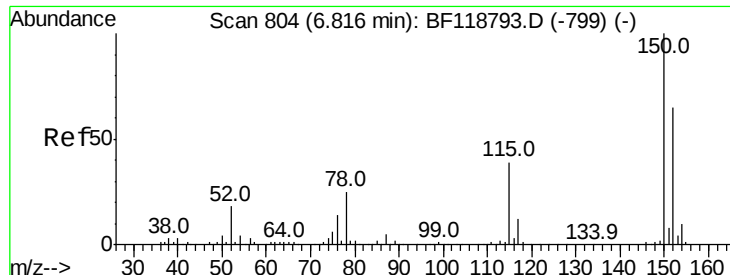
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021120\
Data File : BF118897.D
Acq On : 11 Feb 2020 21:32
Operator : CG/JU
Sample : L1438-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HAM-WC-S-SB-01

Quant Time: Feb 12 06:52:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration



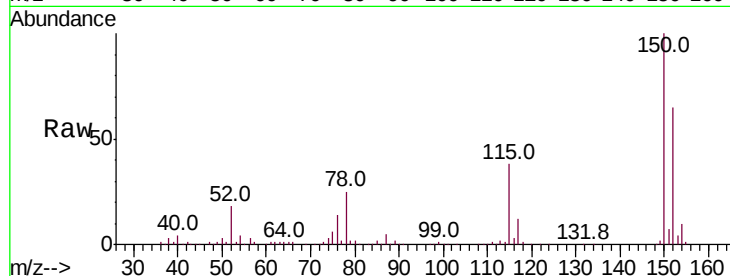


#1

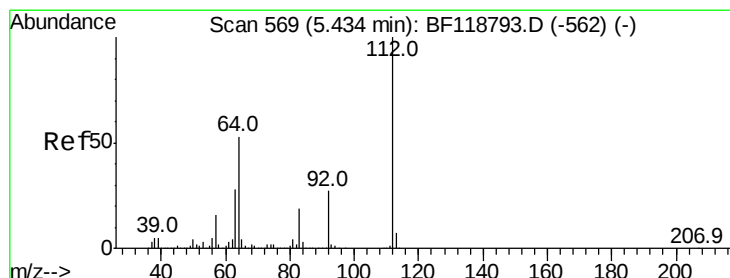
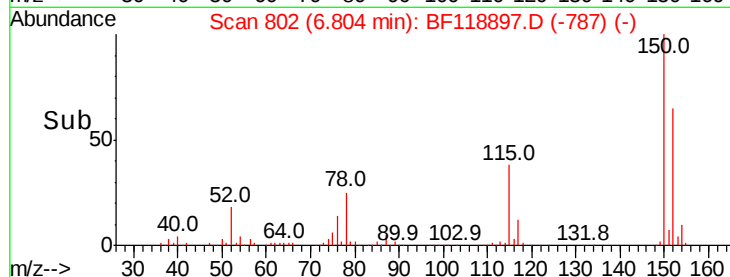
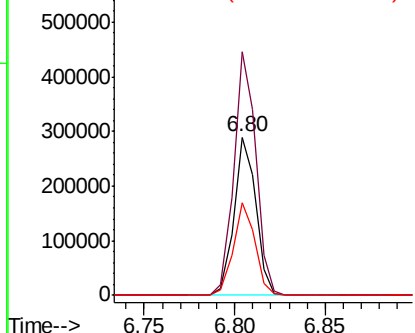
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF118897.D
Acq: 11 Feb 2020 21:32

Instrument :
BNA_F
ClientSampleId :
HAM-WC-S-SB-01

Tot Ion:152 Resp: 243144
Ion Ratio Lower Upper
152 100
150 154.0 123.6 185.4
115 58.7 48.2 72.2



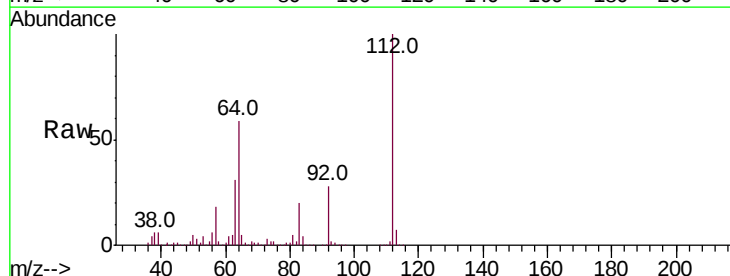
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



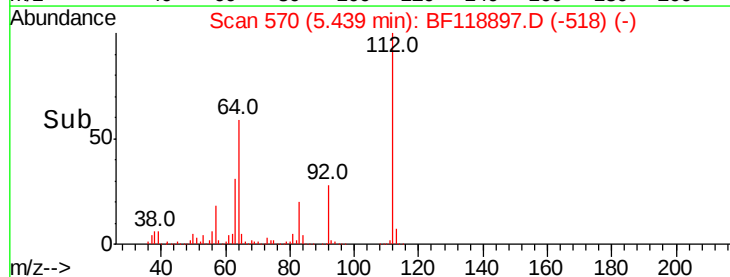
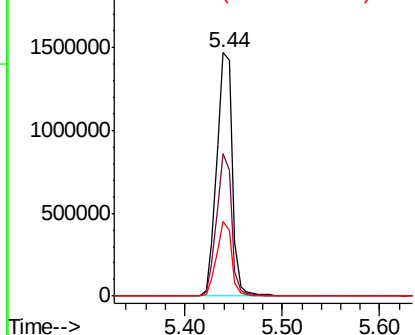
#5

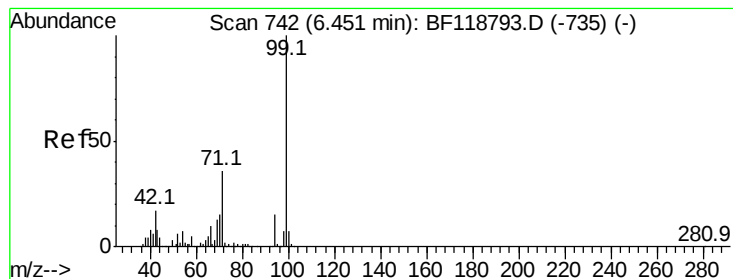
2-Fluorophenol
Concen: 127.870 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF118897.D
Acq: 11 Feb 2020 21:32

Tgt Ion:112 Resp: 1642478
Ion Ratio Lower Upper
112 100
64 58.6 42.6 63.8
63 30.7 22.2 33.4



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: 114.075 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF118897.D

Acq: 11 Feb 2020 21:32

Instrument :

BNA_F

ClientSampleId :

HAM-WC-S-SB-01

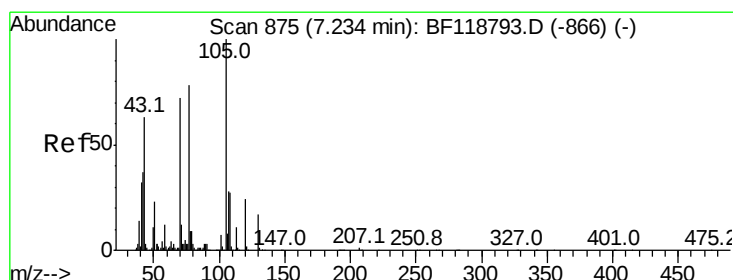
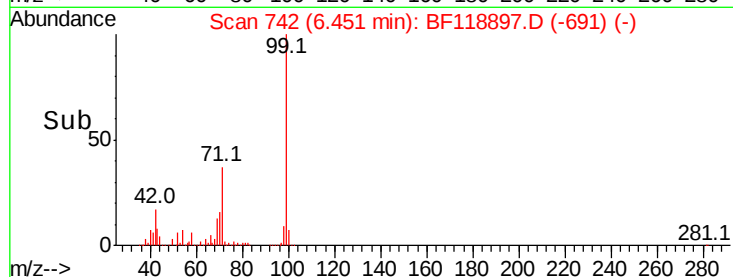
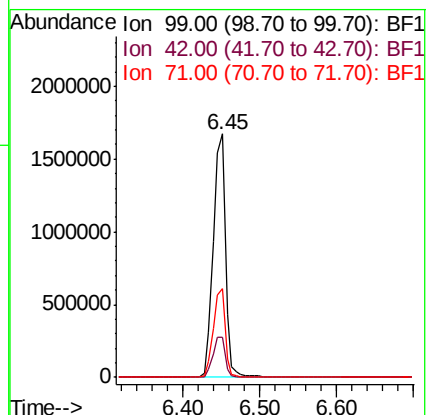
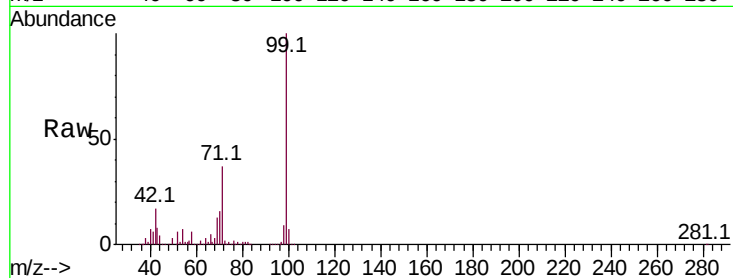
Tot Ion: 99 Resp: 1818930

Ion Ratio Lower Upper

99 100

42 16.6 13.4 20.0

71 36.5 29.0 43.6



#19

n-Nitroso-di-n-propylamine

Concen: 22.820 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF118897.D

Acq: 11 Feb 2020 21:32

Tgt Ion: 70 Resp: 222635

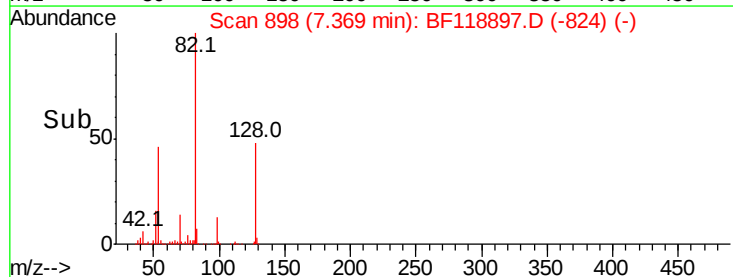
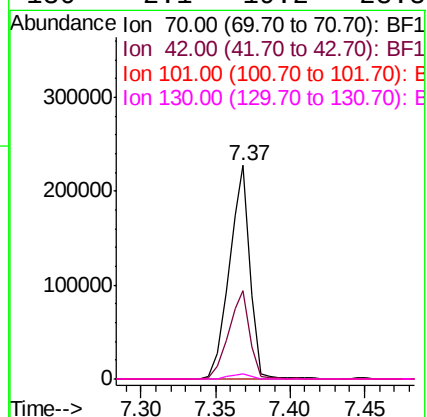
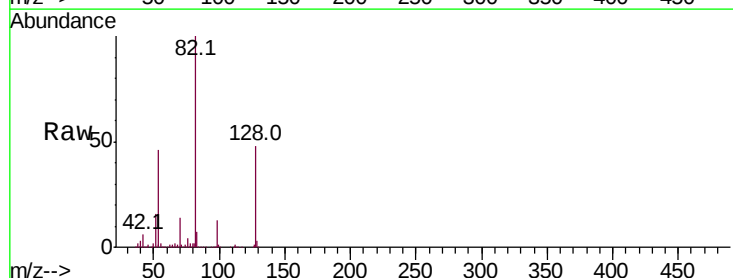
Ion Ratio Lower Upper

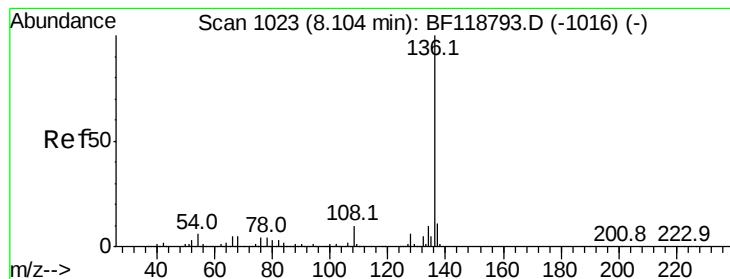
70 100

42 41.4 41.5 62.3#

101 0.0 8.3 12.5#

130 2.1 19.2 28.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF118897.D

Acq: 11 Feb 2020 21:32

Instrument :

BNA_F

ClientSampleId :

HAM-WC-S-SB-01

Tot Ion:136 Resp: 1024788

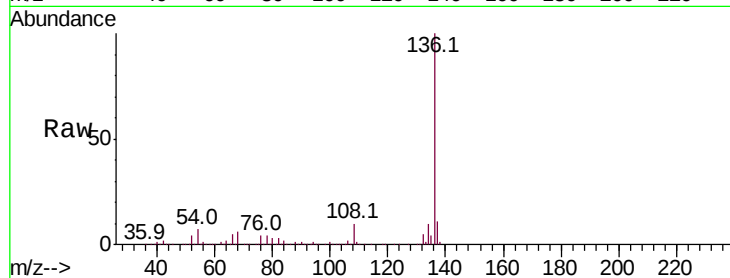
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 6.8 5.0 7.6

68 6.0 4.2 6.4

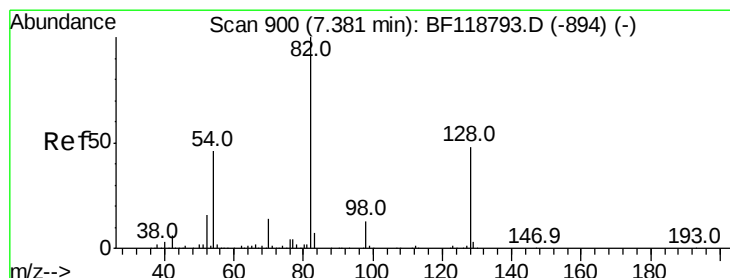
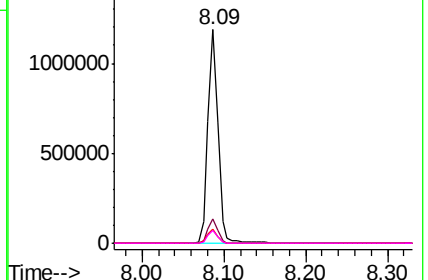
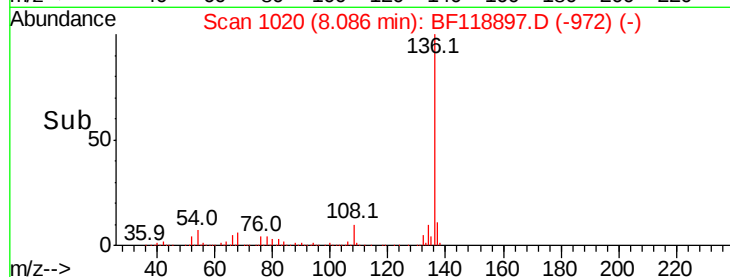


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.588 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF118897.D

Acq: 11 Feb 2020 21:32

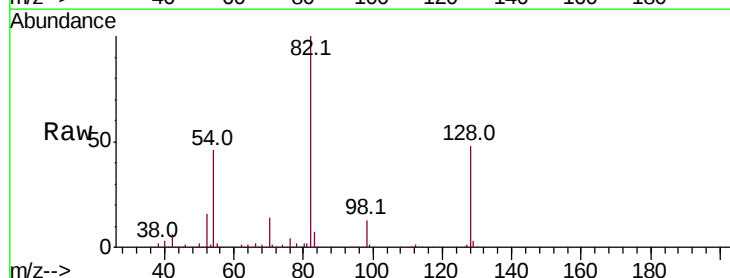
Tgt Ion: 82 Resp: 1609060

Ion Ratio Lower Upper

82 100

128 47.9 38.5 57.7

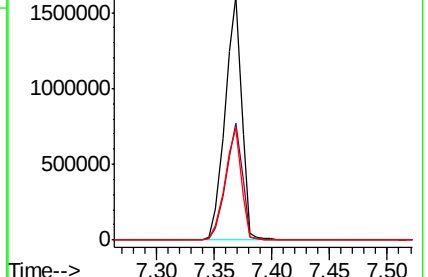
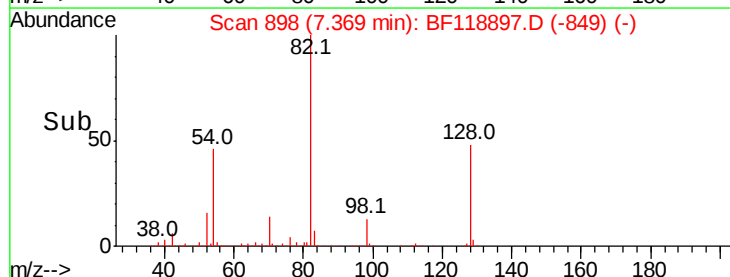
54 46.1 36.7 55.1

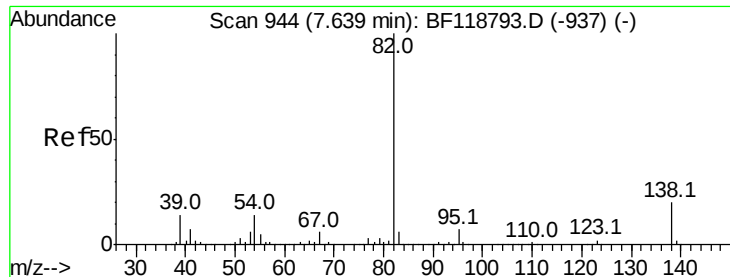


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 52.074 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.27 min

Lab File: BF118897.D

Acq: 11 Feb 2020 21:32

Instrument :

BNA_F

ClientSampleId :

HAM-WC-S-SB-01

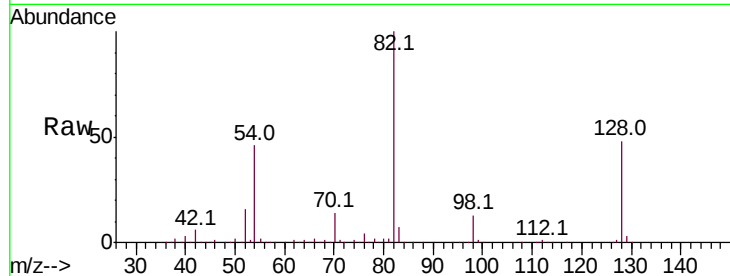
Tot Ion: 82 Resp: 1609051

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

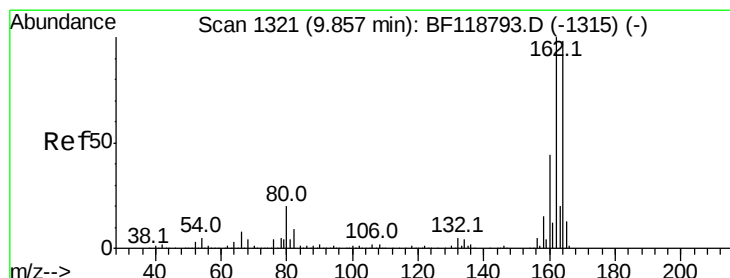
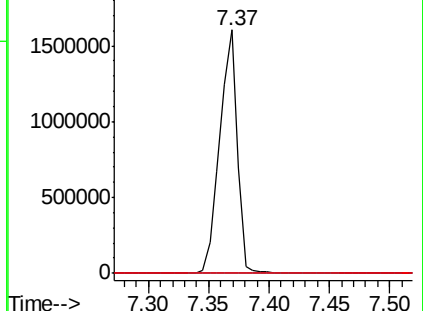
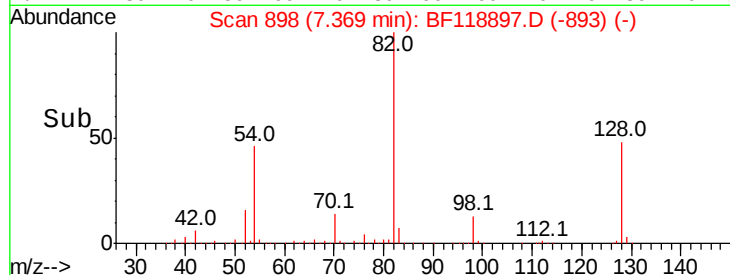
138 0.0 15.7 23.5#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BF118897.D

Acq: 11 Feb 2020 21:32

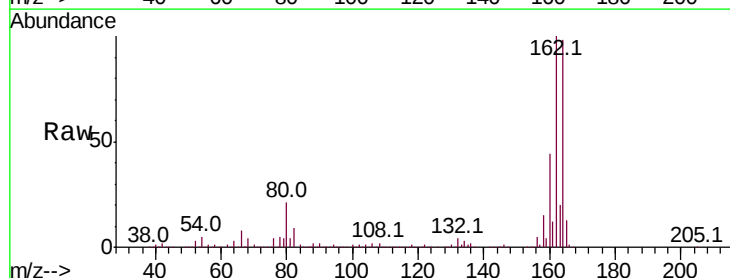
Tgt Ion:164 Resp: 602688

Ion Ratio Lower Upper

164 100

162 101.7 81.4 122.2

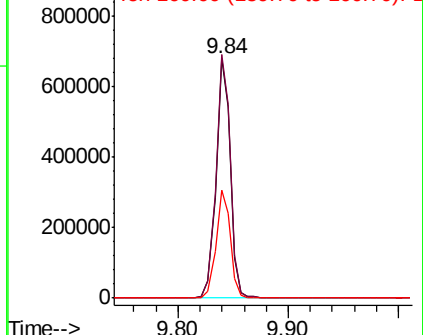
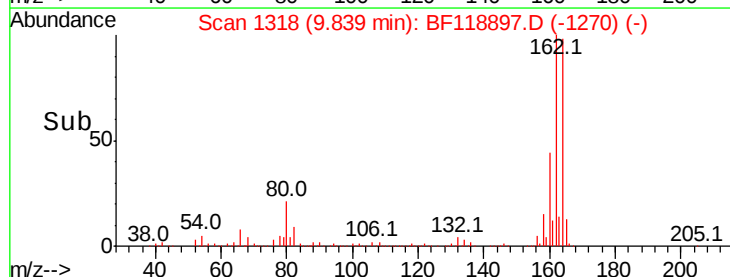
160 45.0 35.6 53.4

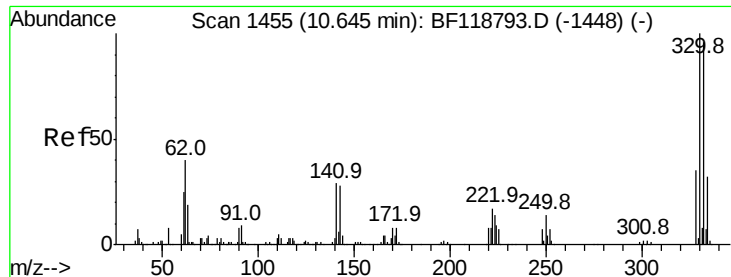


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 140.205 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF118897.D

Acq: 11 Feb 2020 21:32

Instrument :

BNA_F

ClientSampleId :

HAM-WC-S-SB-01

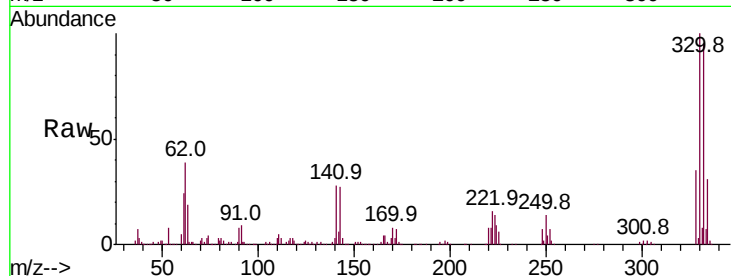
Tot Ion:330 Resp: 1011061

Ion Ratio Lower Upper

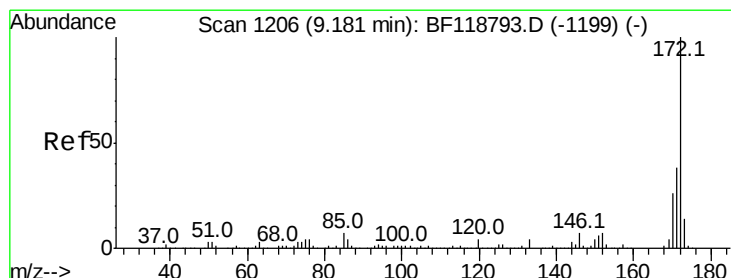
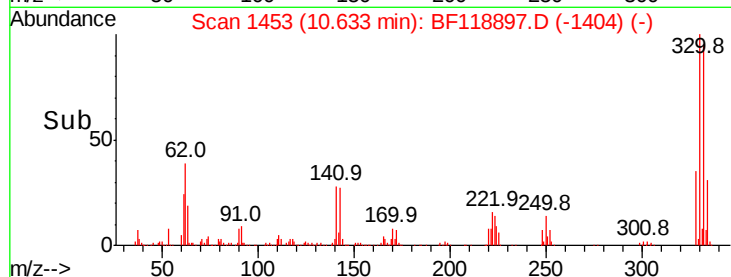
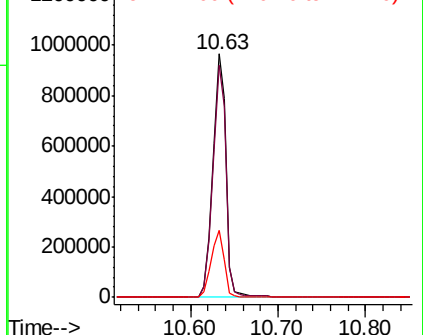
330 100

332 95.6 77.3 115.9

141 27.6 22.4 33.6



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



#45

2-Fluorobiphenyl

Concen: 91.745 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.02 min

Lab File: BF118897.D

Acq: 11 Feb 2020 21:32

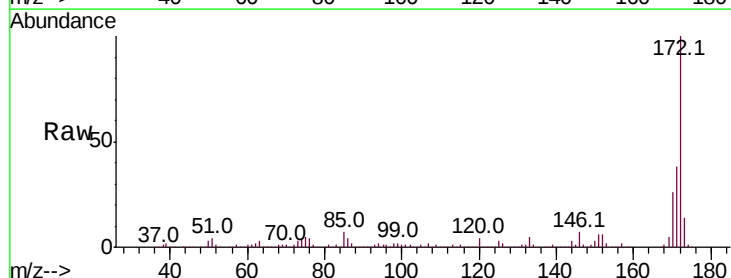
Tgt Ion:172 Resp: 3092998

Ion Ratio Lower Upper

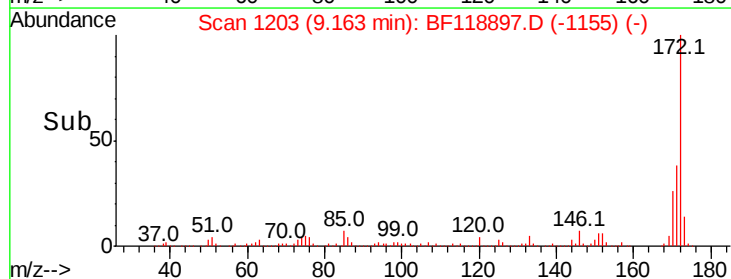
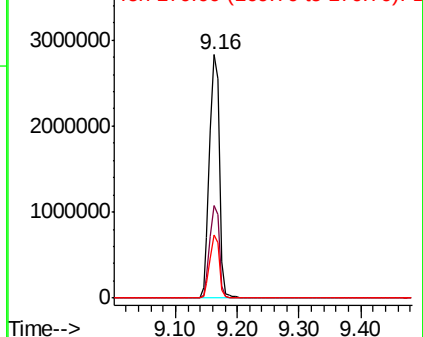
172 100

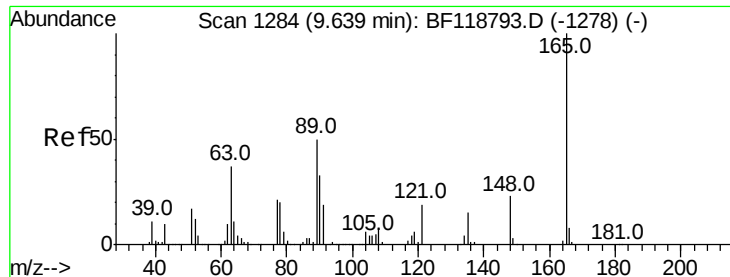
171 38.2 30.8 46.2

170 25.8 20.5 30.7



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





#51

2,6-Dinitrotoluene

Concen: 8.513 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.20 min

Lab File: BF118897.D

Acq: 11 Feb 2020 21:32

Instrument :

BNA_F

ClientSampleId :

HAM-WC-S-SB-01

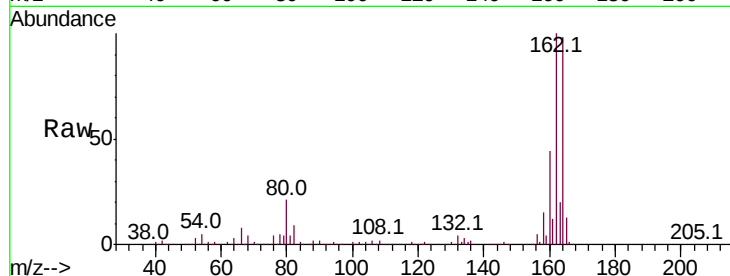
Tot Ion:165 Resp: 79933

Ion Ratio Lower Upper

165 100

63 1.2 37.4 56.0#

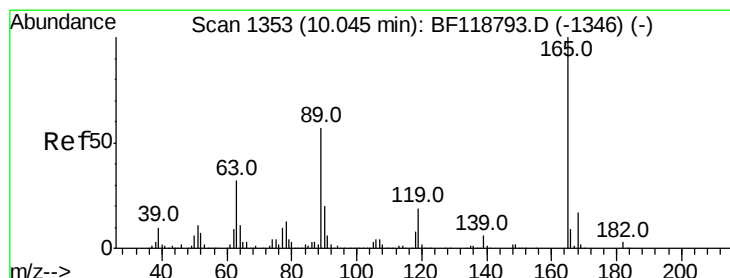
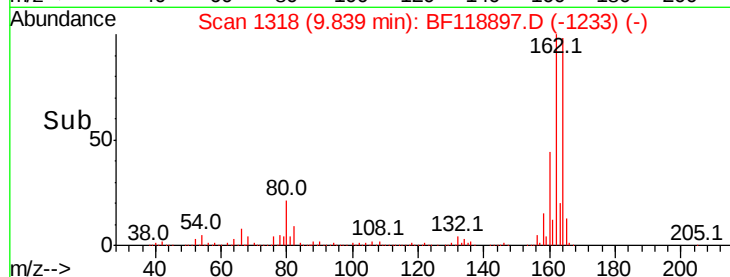
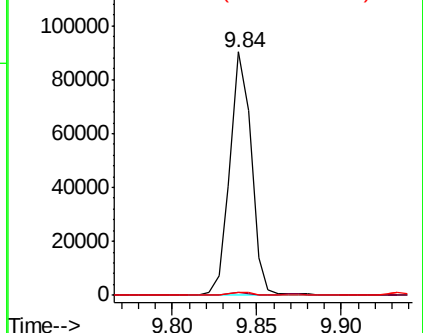
89 1.3 39.7 59.5#



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



#57

2,4-Dinitrotoluene

Concen: 6.433 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.21 min

Lab File: BF118897.D

Acq: 11 Feb 2020 21:32

Tgt Ion:165 Resp: 79934

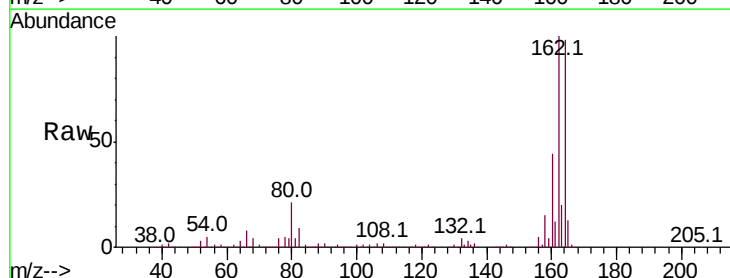
Ion Ratio Lower Upper

165 100

63 1.2 25.5 38.3#

89 1.3 45.4 68.0#

182 0.0 2.4 3.6#

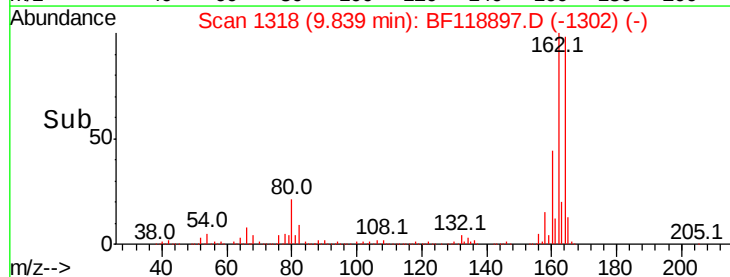
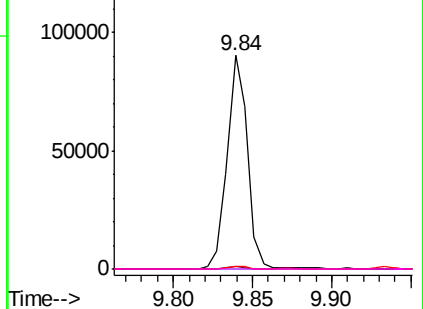


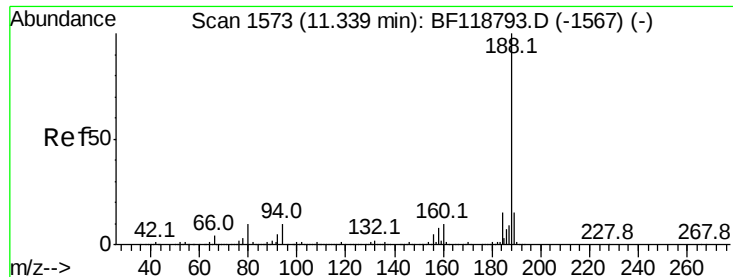
Abundance Ion 165.00 (164.70 to 165.70): E

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

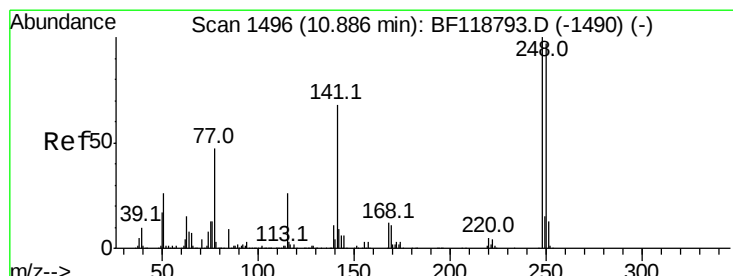
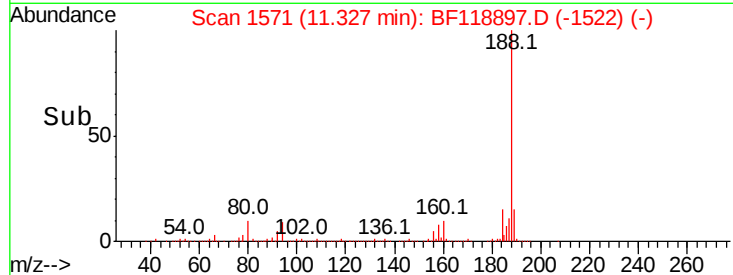
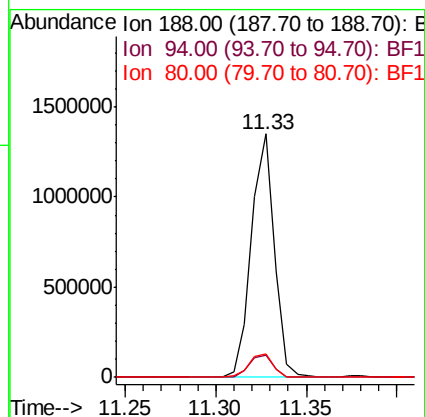
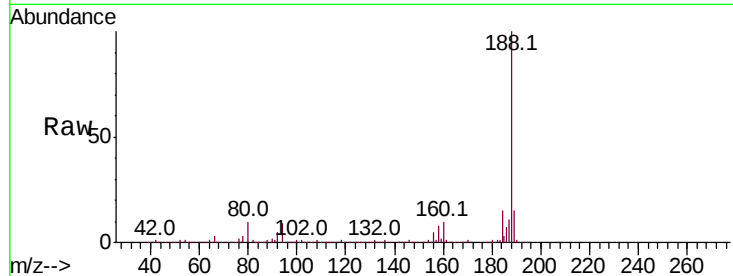




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF118897.D
Acq: 11 Feb 2020 21:32

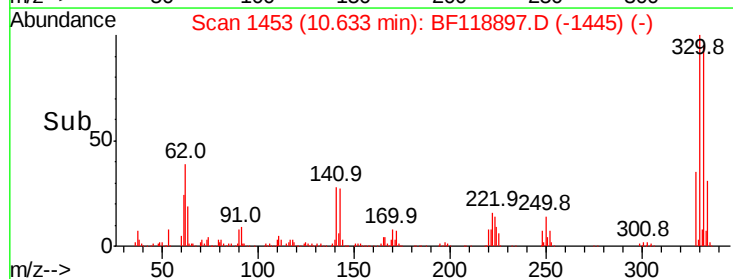
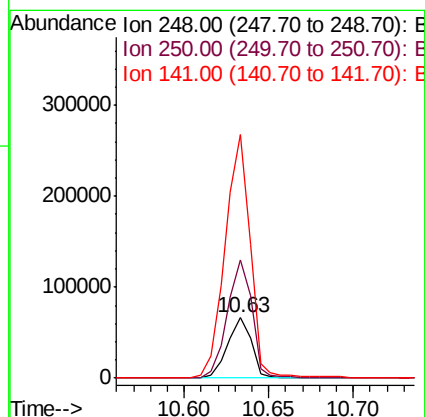
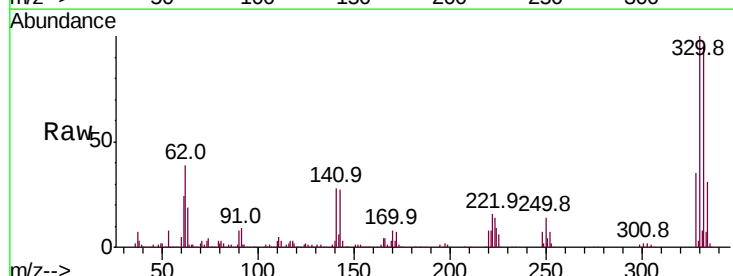
Instrument :
BNA_F
ClientSampleId :
HAM-WC-S-SB-01

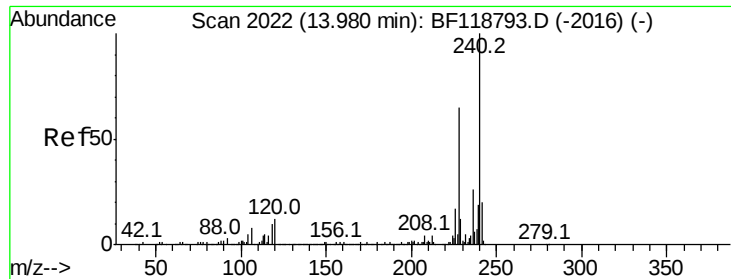
Tot Ion:188 Resp: 1190982
Ion Ratio Lower Upper
188 100
94 8.9 7.9 11.9
80 9.5 8.4 12.6



#67
4-Bromophenyl-phenylether
Concen: 4.609 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF118897.D
Acq: 11 Feb 2020 21:32

Tgt Ion:248 Resp: 64939
Ion Ratio Lower Upper
248 100
250 197.7 77.6 116.4#
141 405.7 54.4 81.6#

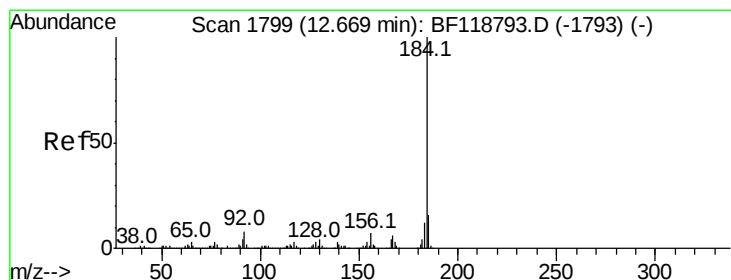
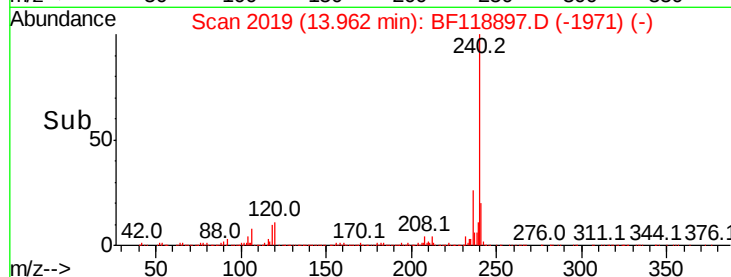
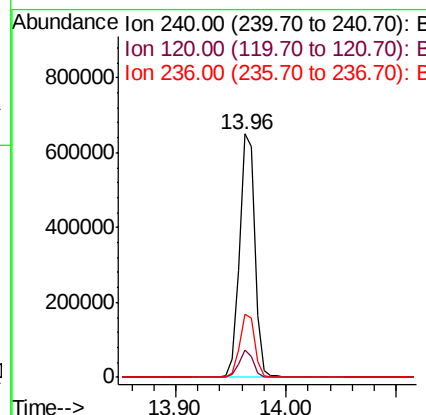
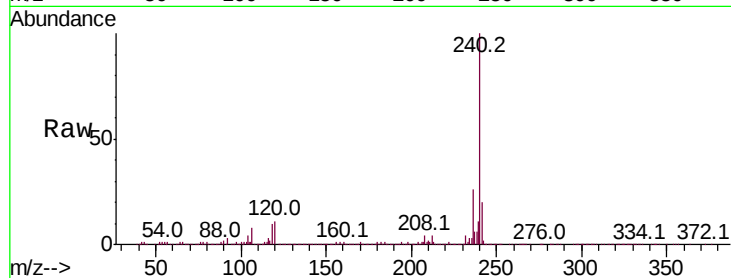




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF118897.D
Acq: 11 Feb 2020 21:32

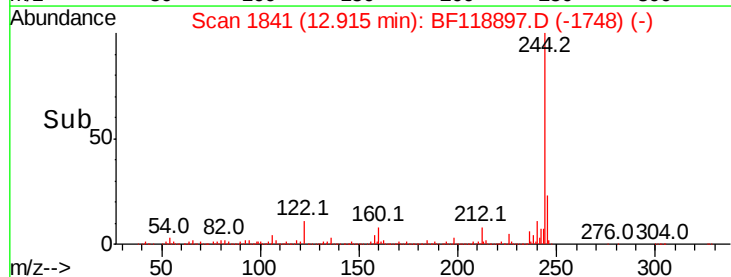
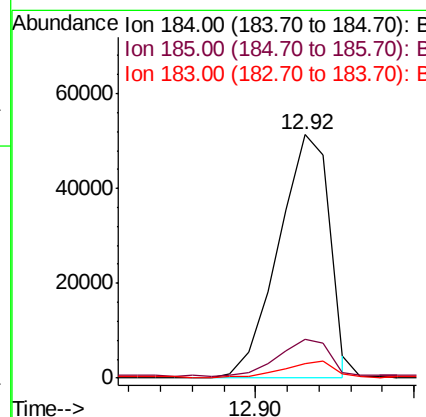
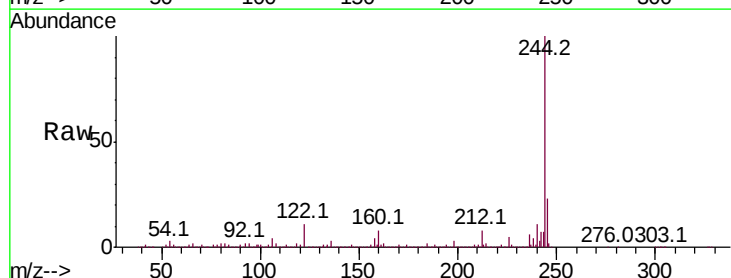
Instrument :
BNA_F
ClientSampleId :
HAM-WC-S-SB-01

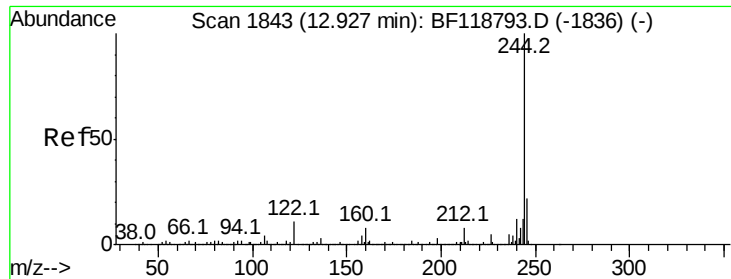
Tot Ion:240 Resp: 638973
Ion Ratio Lower Upper
240 100
120 11.1 9.4 14.0
236 25.9 21.0 31.6



#77
Benzidine
Concen: 2.976 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.25 min
Lab File: BF118897.D
Acq: 11 Feb 2020 21:32

Tgt Ion:184 Resp: 57517
Ion Ratio Lower Upper
184 100
185 16.1 12.5 18.7
183 6.1 9.7 14.5#

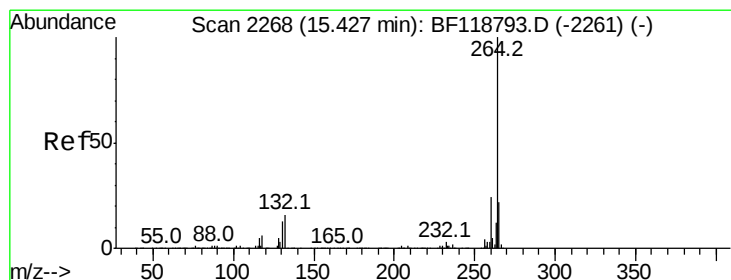
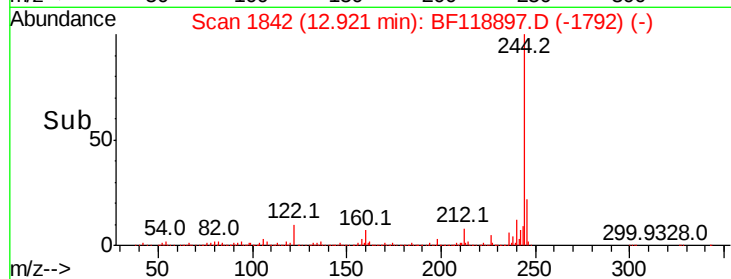
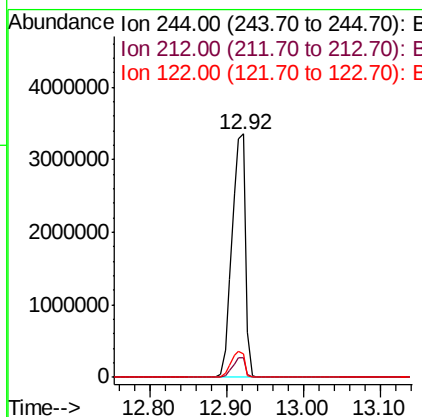
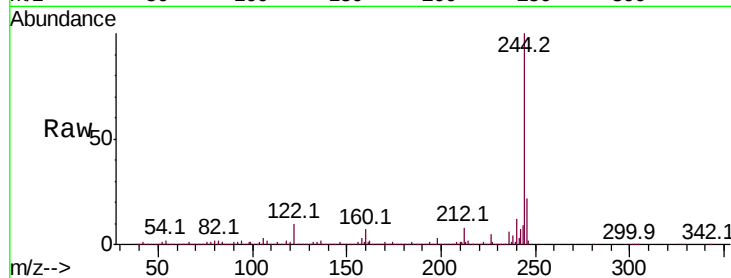




#79
 Terphenyl-d14
 Concen: 132.121 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: BF118897.D
 Acq: 11 Feb 2020 21:32

Instrument :
 BNA_F
 ClientSampleId :
 HAM-WC-S-SB-01

Tot Ion:244 Resp: 4110035
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 9.6 8.9 13.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF118897.D
 Acq: 11 Feb 2020 21:32

Tgt Ion:264 Resp: 624420
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 21.2 17.2 25.8

