

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
 Data File : BF121836.D
 Acq On : 6 Oct 2020 1:00
 Operator : JU/CG
 Sample : L4247-02MS 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-18(0-1)MS

Quant Time: Oct 06 02:24:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

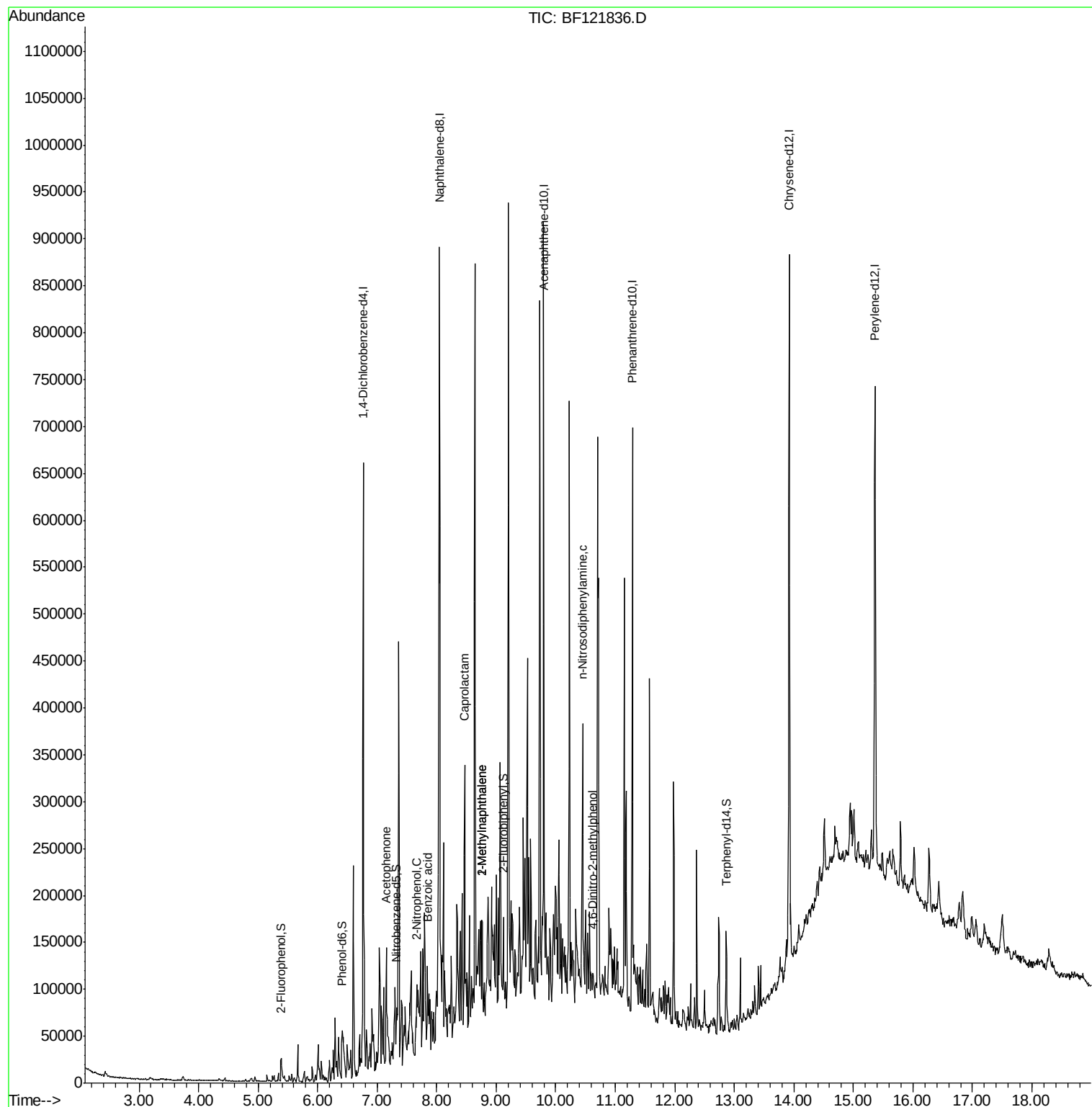
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	87479	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	320629	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	146062	20.00	ng	-0.01
64) Phenanthrene-d10	11.29	188	230112	20.00	ng	0.00
76) Chrysene-d12	13.92	240	235361	20.00	ng	-0.01
86) Perylene-d12	15.36	264	213168	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	14150	2.40	ng	0.00
7) Phenol-d6	6.41	99	18768	2.43	ng	0.00
23) Nitrobenzene-d5	7.33	82	14302	2.39	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	3411	1.88	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	24900	2.58	ng	-0.01
79) Terphenyl-d14	12.86	244	27079	2.33	ng	-0.02
Target Compounds						
22) Acetophenone	7.16	105	18630	2.290	ng	# 46
26) 2-Nitrophenol	7.67	139	2190	3.241	ng	# 61
32) Benzoic acid	7.83	122	338	7.008	ng	# 64
35) Caprolactam	8.47	113	6496	3.991	ng	# 11
37) 2-Methylnaphthalene	8.76	142	28921	2.607	ng	98
38) 1-Methylnaphthalene	8.76	142	28921	2.802	ng	97
65) 4,6-Dinitro-2-methylphenol	10.61	198	581	7.205	ng	# 1
66) n-Nitrosodiphenylamine	10.46	169	16413	2.079	ng	# 85

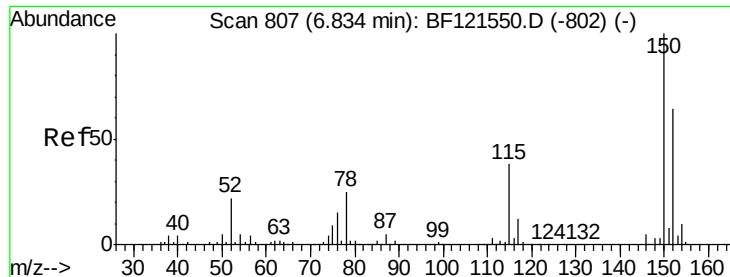
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
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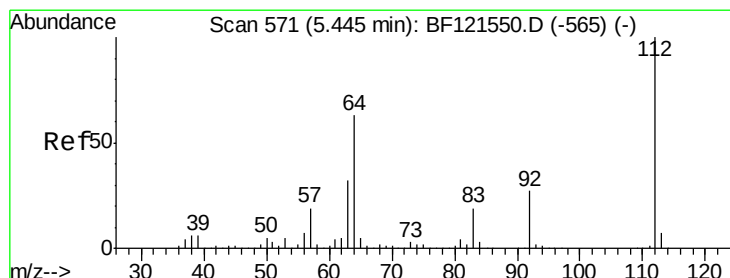
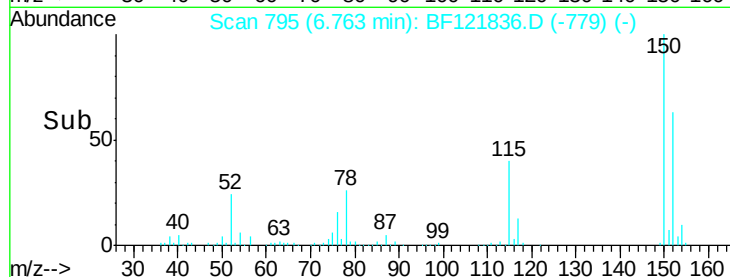
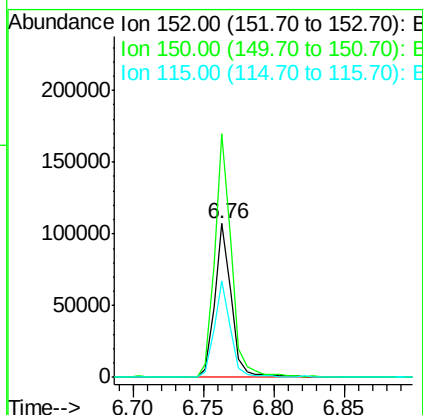
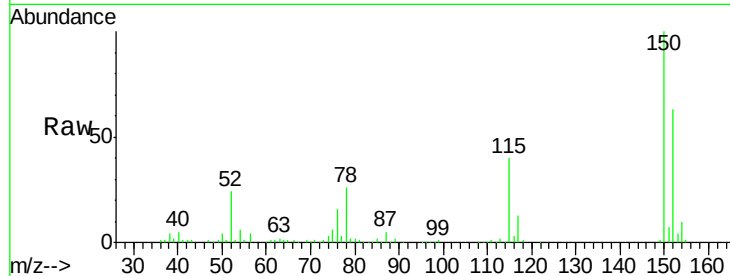


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121836.D
Acq: 6 Oct 2020 1:00

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MS

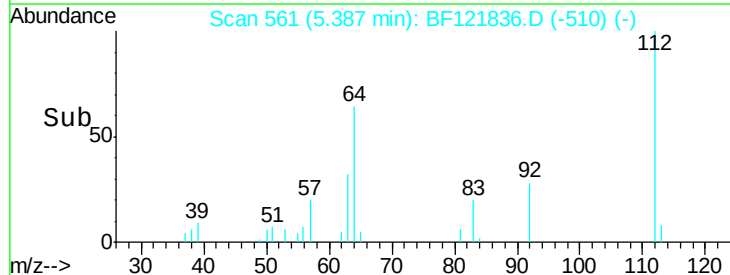
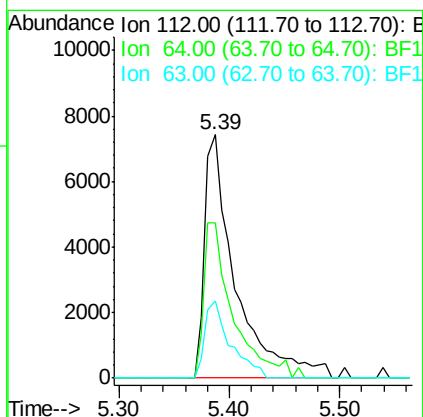
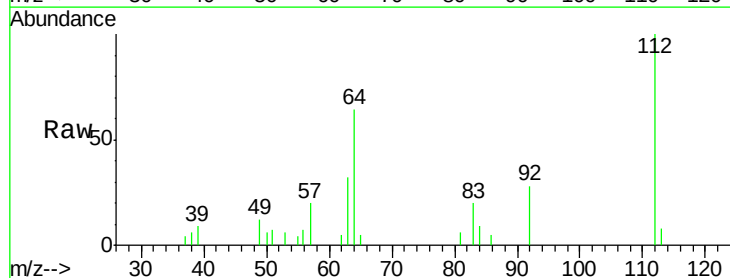
Tot Ion:152 Resp: 87479
Ion Ratio Lower Upper
152 100
150 158.2 125.3 187.9
115 63.0 51.9 77.9

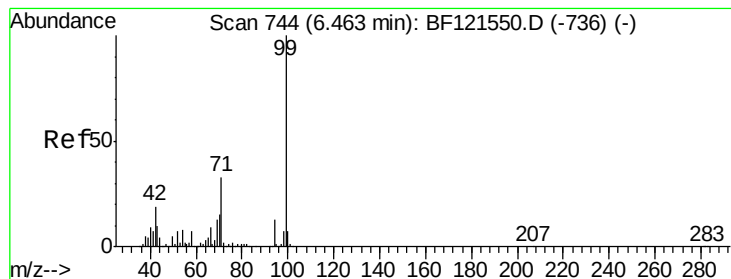


#5

2-Fluorophenol
Concen: 2.404 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF121836.D
Acq: 6 Oct 2020 1:00

Tgt Ion:112 Resp: 14150
Ion Ratio Lower Upper
112 100
64 63.9 50.4 75.6
63 31.9 25.8 38.6





#7

Phenol-d6

Concen: 2.430 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF121836.D

Acq: 6 Oct 2020 1:00

Instrument :

BNA_F

ClientSampleId :

B-18(0-1)MS

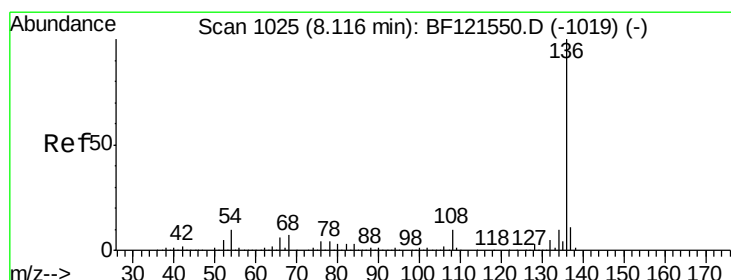
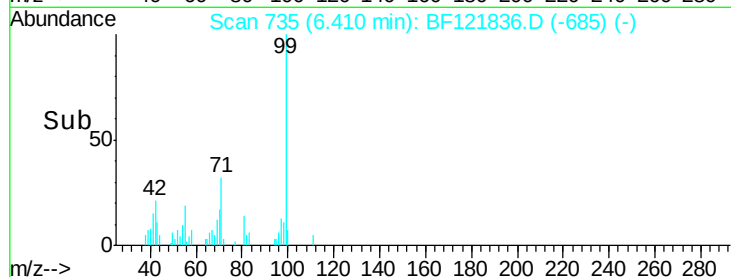
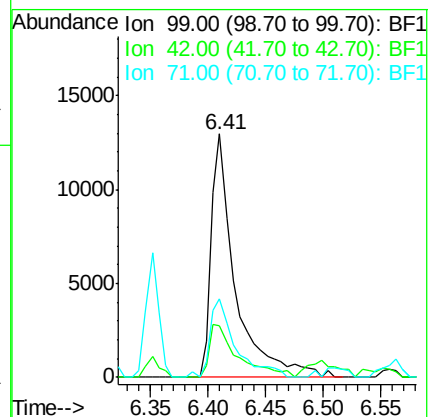
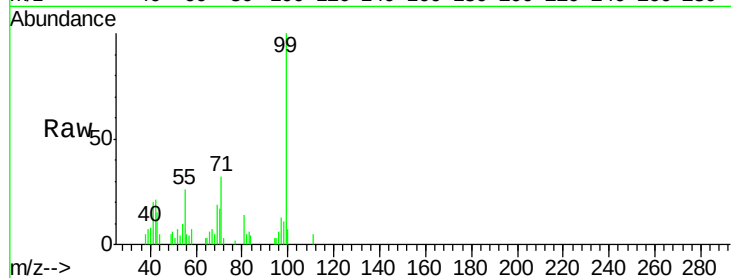
Tot Ion: 99 Resp: 18768

Ion Ratio Lower Upper

99 100

42 21.2 15.9 23.9

71 32.2 27.1 40.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF121836.D

Acq: 6 Oct 2020 1:00

Tgt Ion: 136 Resp: 320629

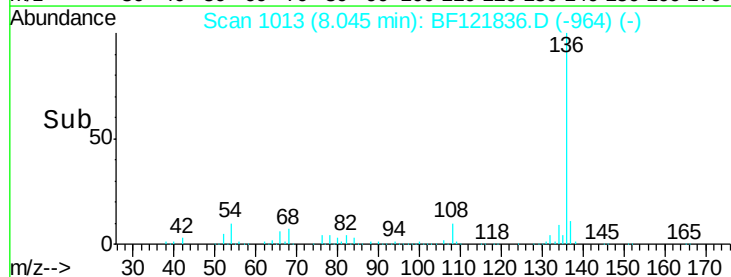
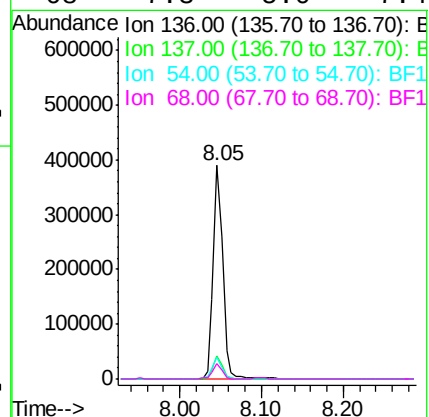
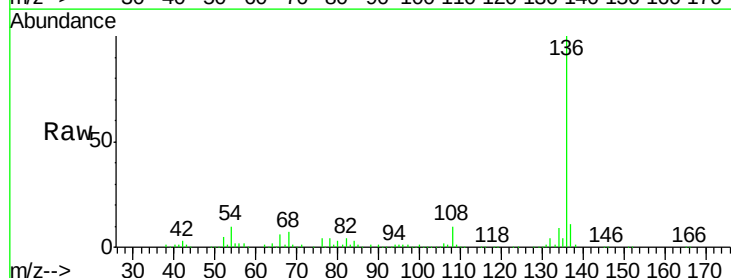
Ion Ratio Lower Upper

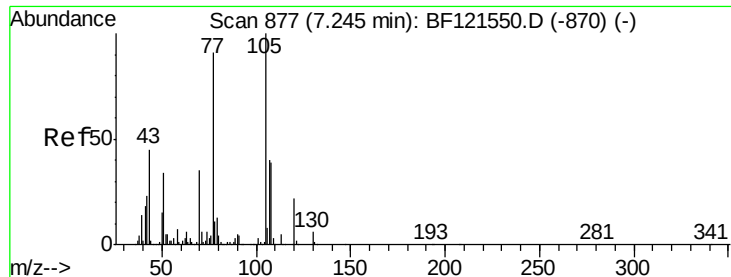
136 100

137 10.8 8.6 13.0

54 10.0 7.1 10.7

68 7.3 5.0 7.4





#22

Acetophenone

Concen: 2.290 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.03 min

Lab File: BF121836.D

Acq: 6 Oct 2020 1:00

Instrument :

BNA_F

ClientSampleId :

B-18(0-1)MS

Tot Ion:105 Resp: 18630

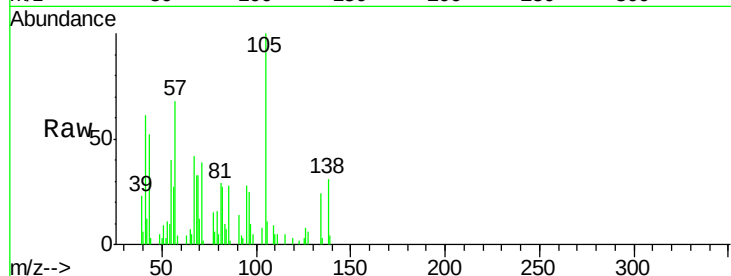
Ion Ratio Lower Upper

105 100

71 39.4 5.3 7.9#

51 9.0 33.2 49.8#

120 0.0 17.4 26.0#

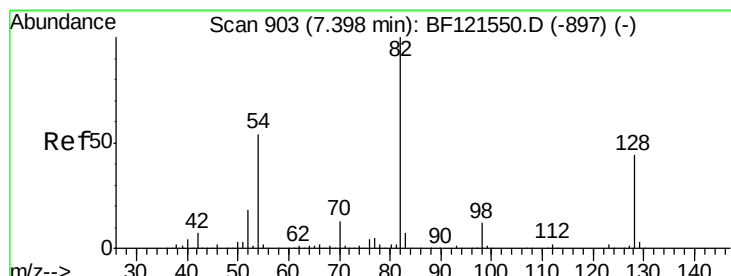
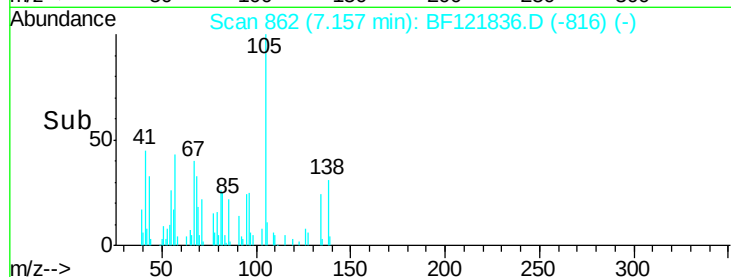
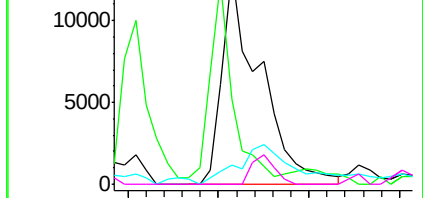


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 2.395 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF121836.D

Acq: 6 Oct 2020 1:00

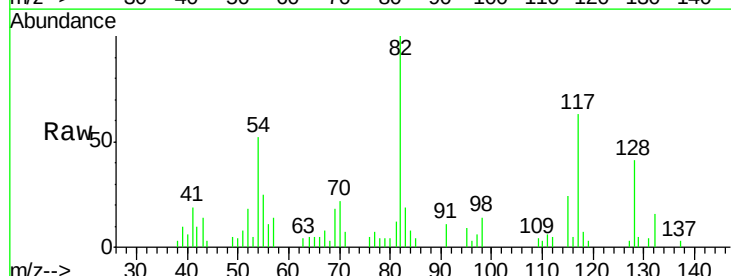
Tgt Ion: 82 Resp: 14302

Ion Ratio Lower Upper

82 100

128 40.8 35.0 52.4

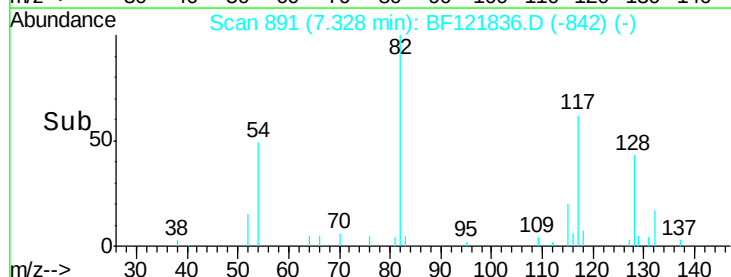
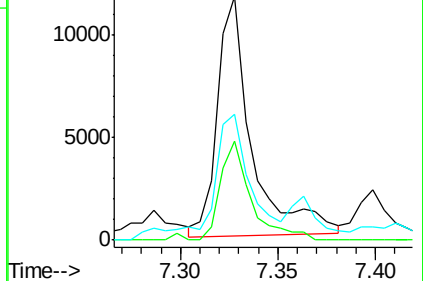
54 51.9 43.9 65.9

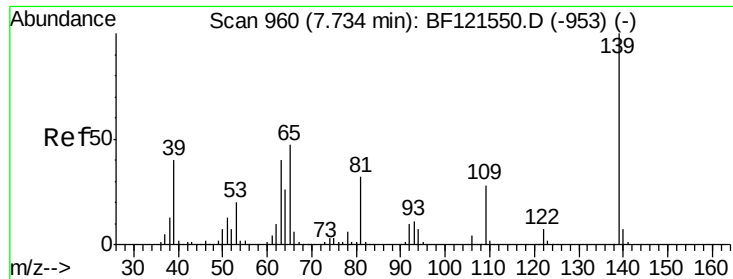


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

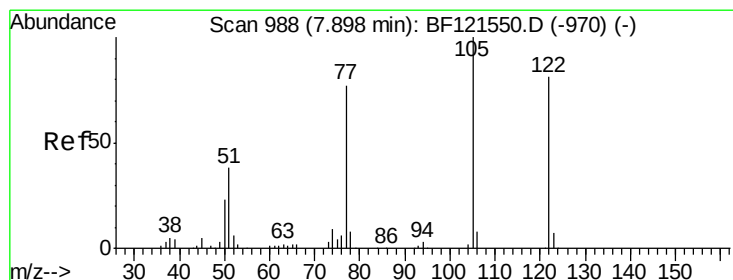
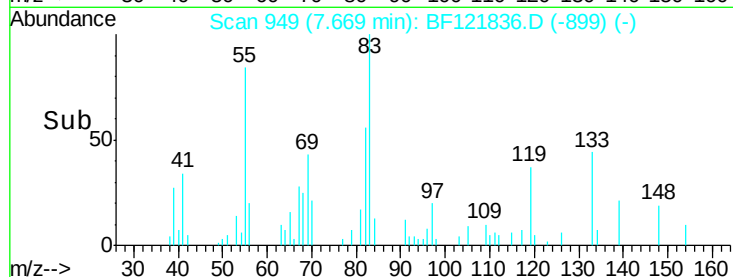
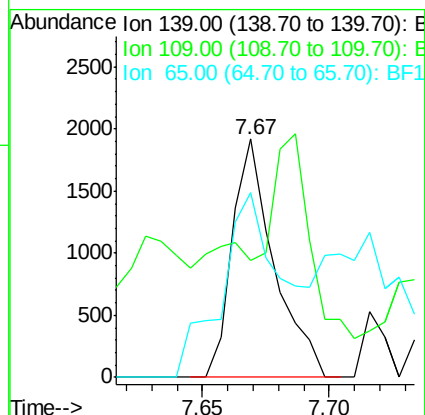
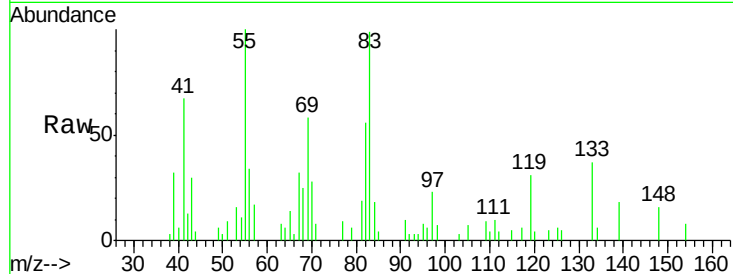




#26
2-Nitrophenol
Concen: 3.241 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF121836.D
Acq: 6 Oct 2020 1:00

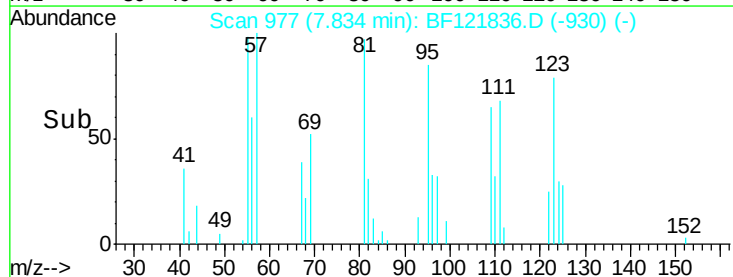
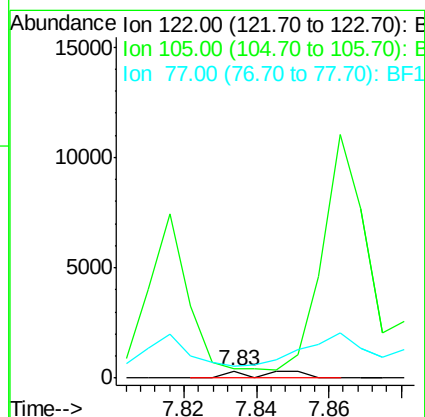
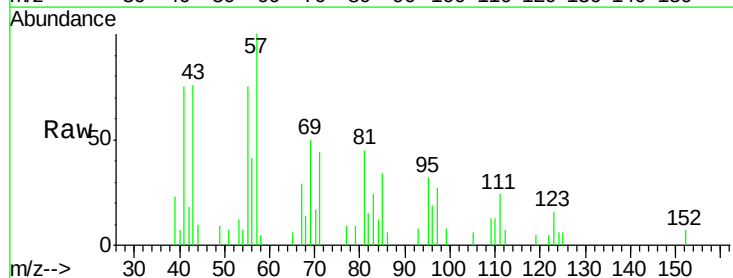
Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MS

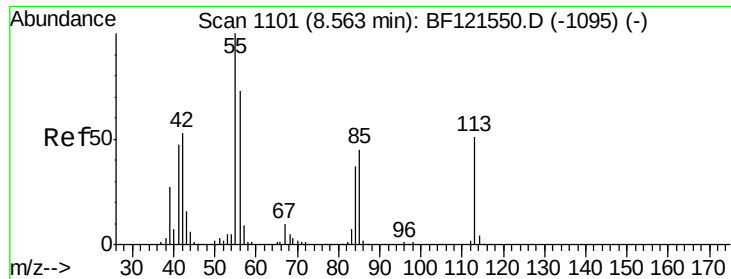
Tot Ion:139 Resp: 2190
Ion Ratio Lower Upper
139 100
109 48.9 23.0 34.4#
65 77.5 39.9 59.9#



#32
Benzoic acid
Concen: 7.008 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.02 min
Lab File: BF121836.D
Acq: 6 Oct 2020 1:00

Tgt Ion:122 Resp: 338
Ion Ratio Lower Upper
122 100
105 126.4 103.3 143.3
77 170.3 73.9 113.9#

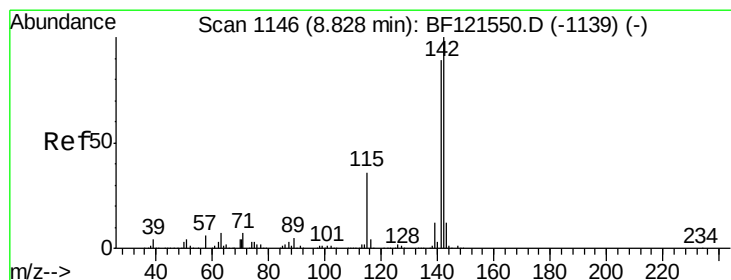
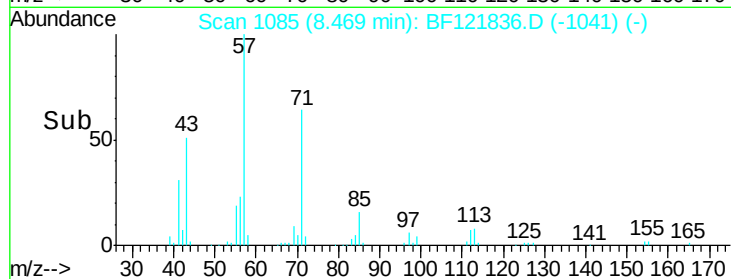
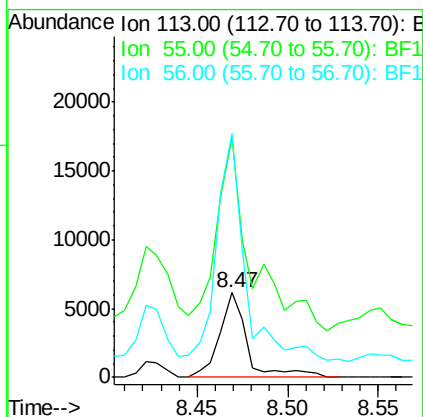
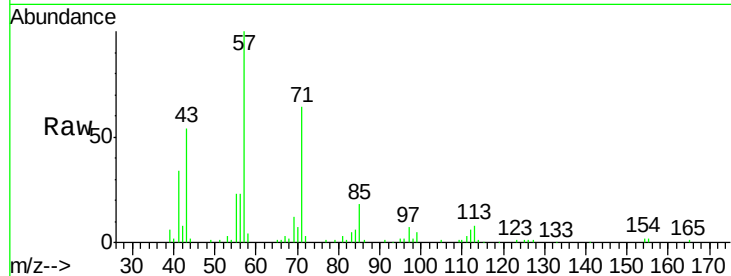




#35
 Caprolactam
 Concen: 3.991 ng
 RT: 8.47 min Scan# 1085
 Delta R.T. -0.04 min
 Lab File: BF121836.D
 Acq: 6 Oct 2020 1:00

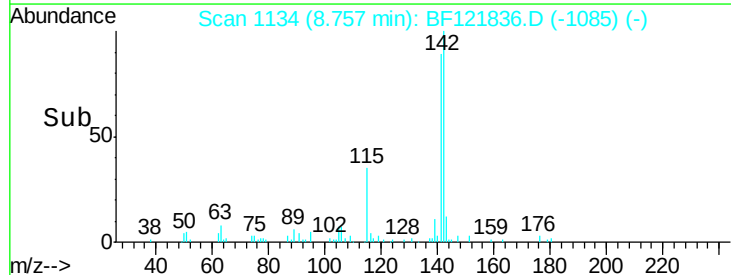
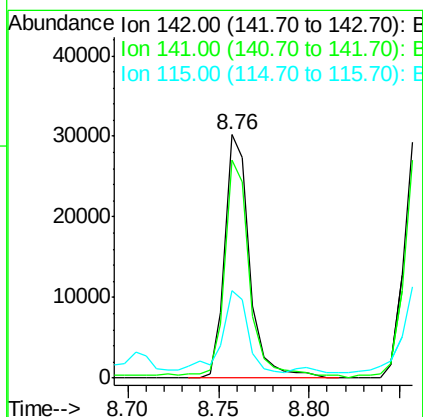
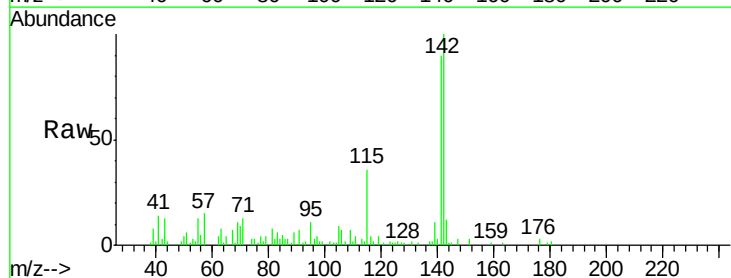
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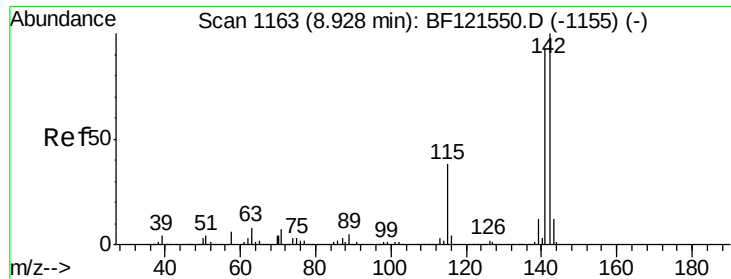
Tot Ion:113 Resp: 6496
 Ion Ratio Lower Upper
 113 100
 55 283.2 167.5 207.5#
 56 287.6 121.2 161.2#



#37
 2-Methylnaphthalene
 Concen: 2.607 ng
 RT: 8.76 min Scan# 1134
 Delta R.T. -0.01 min
 Lab File: BF121836.D
 Acq: 6 Oct 2020 1:00

Tgt Ion:142 Resp: 28921
 Ion Ratio Lower Upper
 142 100
 141 89.8 70.2 105.4
 115 36.0 28.6 43.0

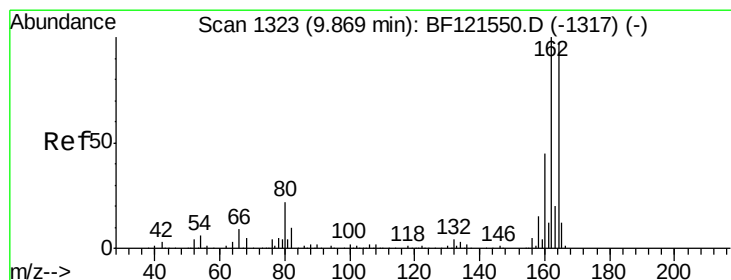
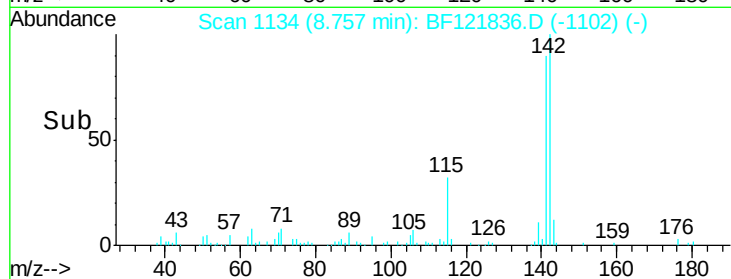
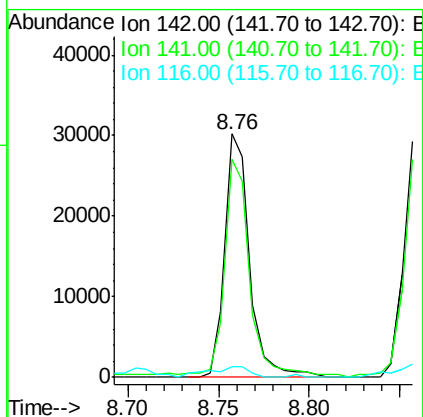
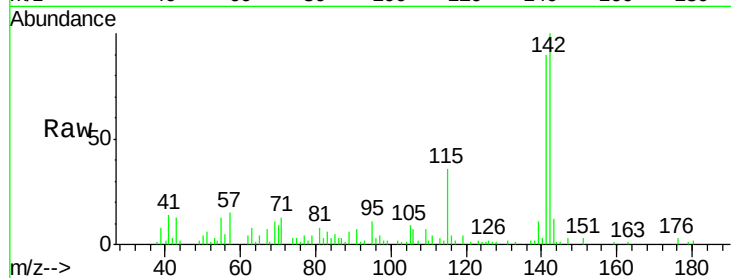




#38
 1-Methylnaphthalene
 Concen: 2.802 ng
 RT: 8.76 min Scan# 1134
 Delta R.T. -0.11 min
 Lab File: BF121836.D
 Acq: 6 Oct 2020 1:00

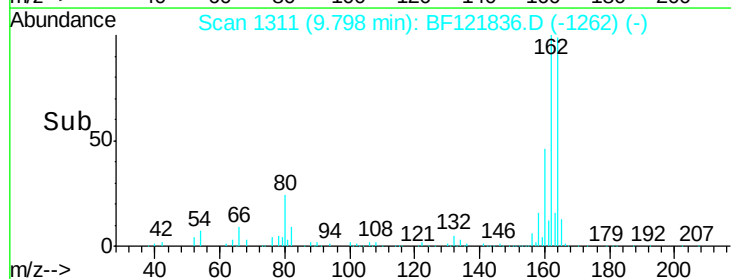
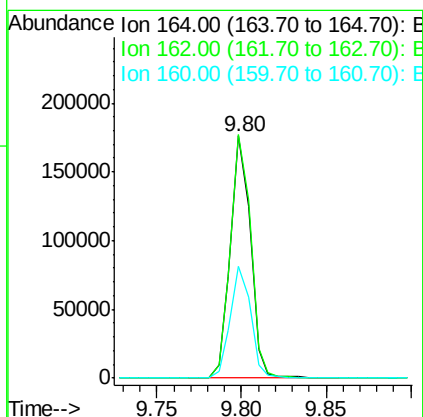
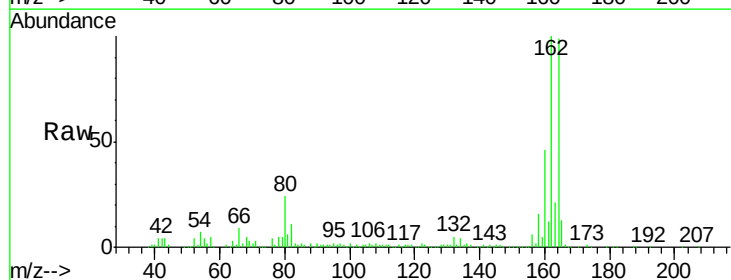
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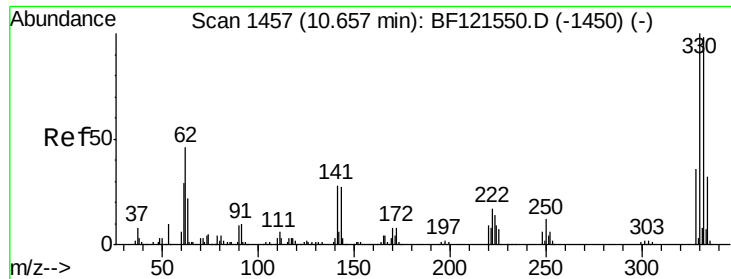
Tot Ion:142 Resp: 28921
 Ion Ratio Lower Upper
 142 100
 141 89.8 74.5 111.7
 116 4.5 3.2 4.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF121836.D
 Acq: 6 Oct 2020 1:00

Tgt Ion:164 Resp: 146062
 Ion Ratio Lower Upper
 164 100
 162 100.5 83.2 124.8
 160 46.4 37.5 56.3

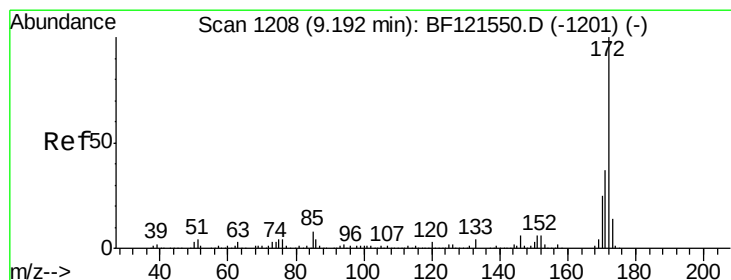
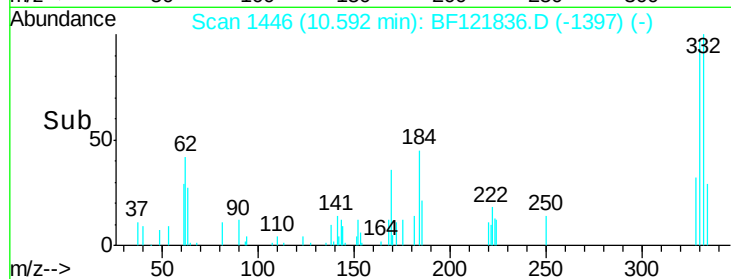
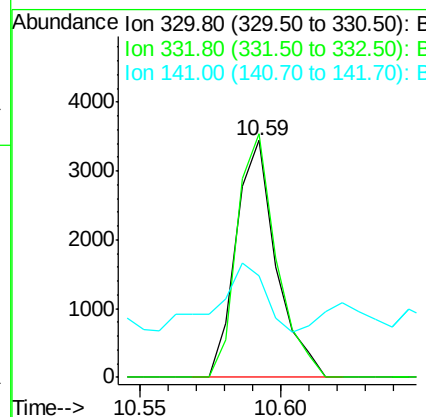
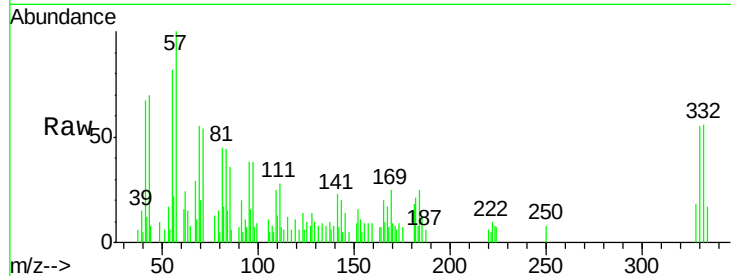




#42
 2,4,6-Tribromophenol
 Concen: 1.879 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF121836.D
 Acq: 6 Oct 2020 1:00

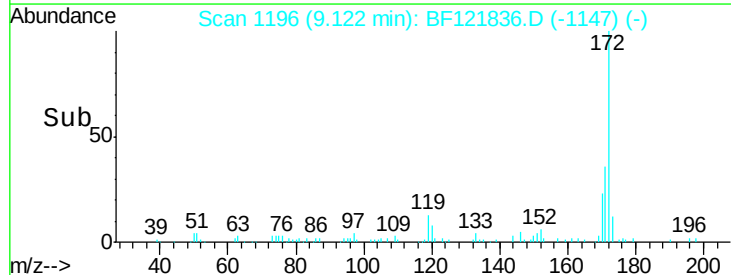
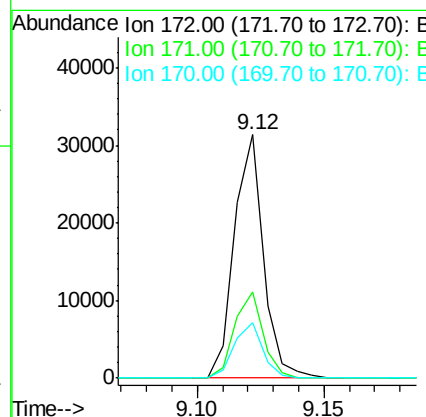
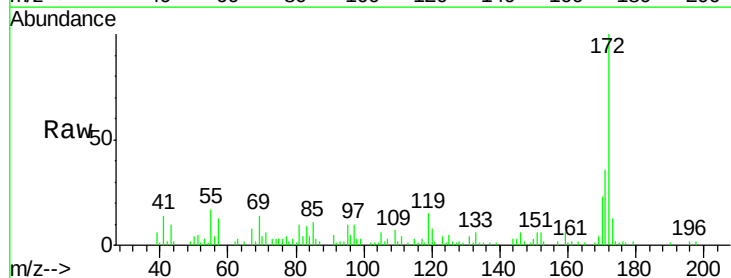
Instrument :
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 B-18(0-1)MS

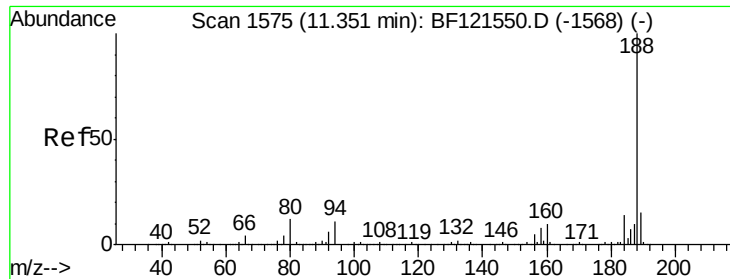
Tot Ion:330 Resp: 3411
 Ion Ratio Lower Upper
 330 100
 332 100.6 77.3 115.9
 141 34.2 22.3 33.5#



#45
 2-Fluorobiphenyl
 Concen: 2.582 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF121836.D
 Acq: 6 Oct 2020 1:00

Tgt Ion:172 Resp: 24900
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.1 43.7
 170 22.7 19.8 29.6

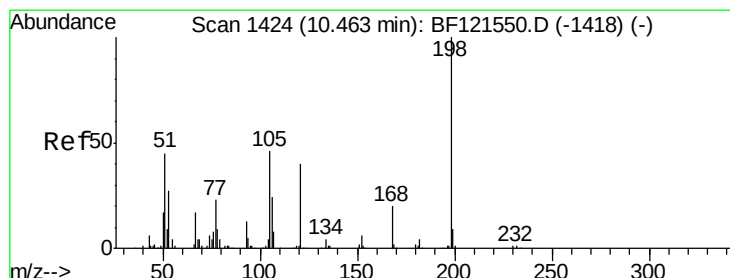
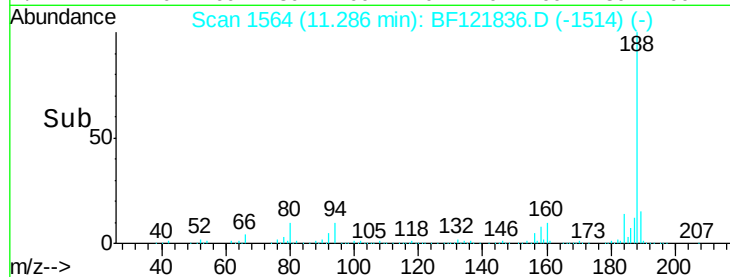
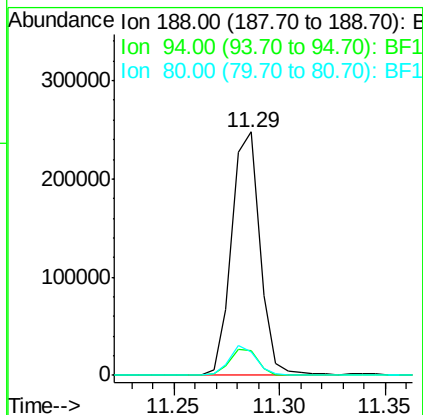
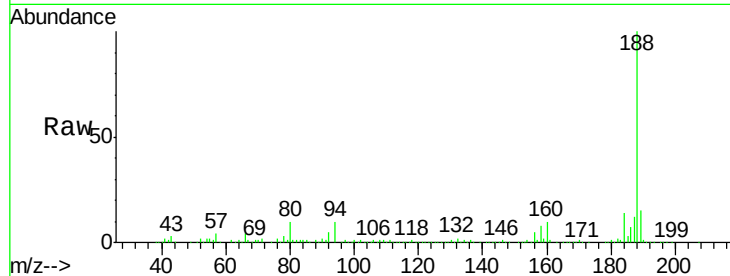




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF121836.D
Acq: 6 Oct 2020 1:00

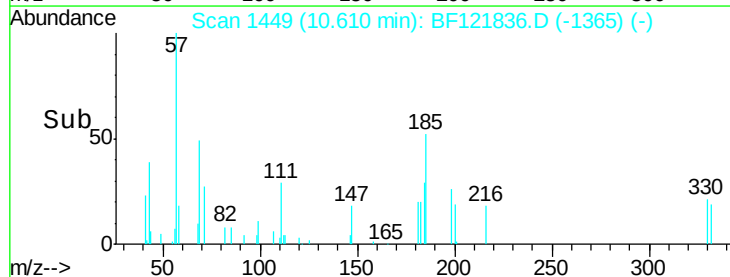
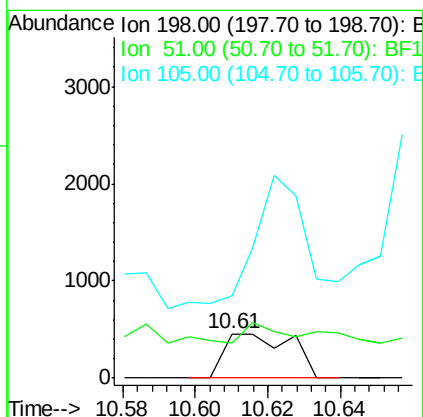
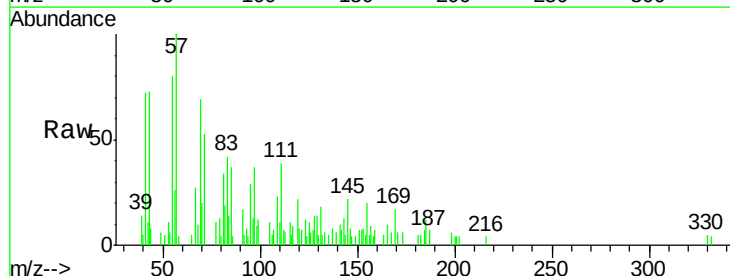
Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MS

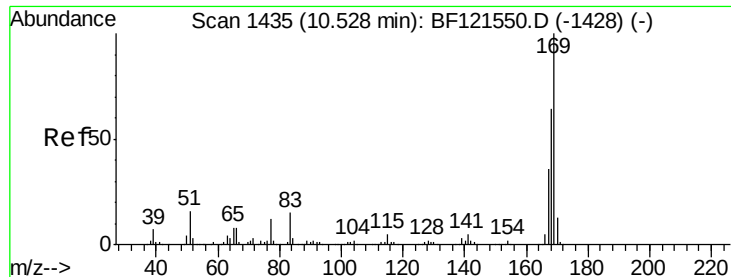
Tot Ion:188 Resp: 230112
Ion Ratio Lower Upper
188 100
94 10.1 8.3 12.5
80 9.8 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 7.205 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.19 min
Lab File: BF121836.D
Acq: 6 Oct 2020 1:00

Tgt Ion:198 Resp: 581
Ion Ratio Lower Upper
198 100
51 79.6 29.6 69.6#
105 187.8 24.4 64.4#

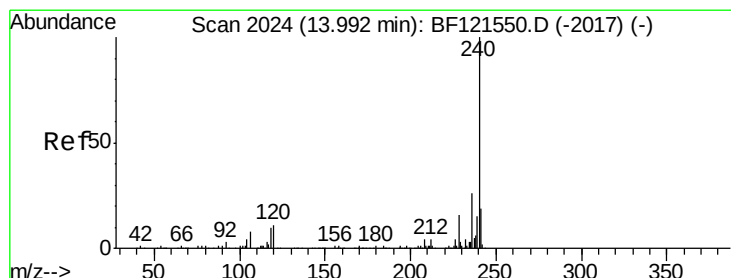
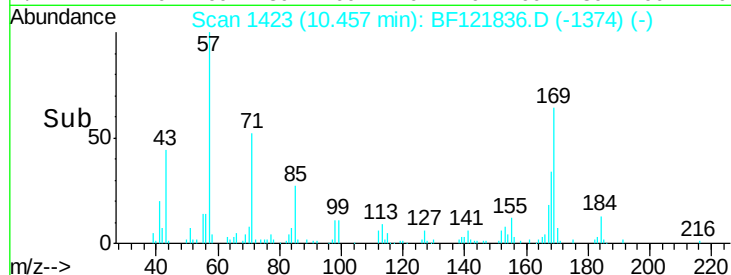
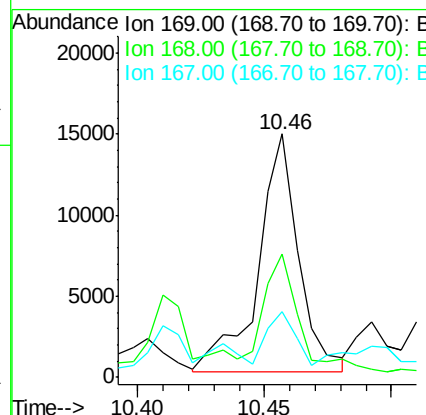
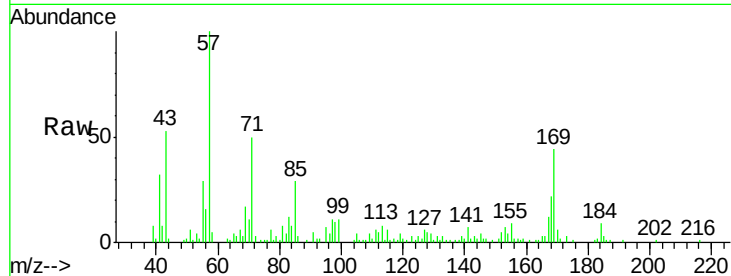




#66
 n-Nitrosodiphenylamine
 Concen: 2.079 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF121836.D
 Acq: 6 Oct 2020 1:00

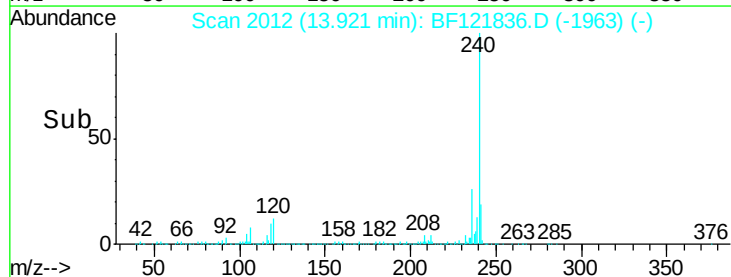
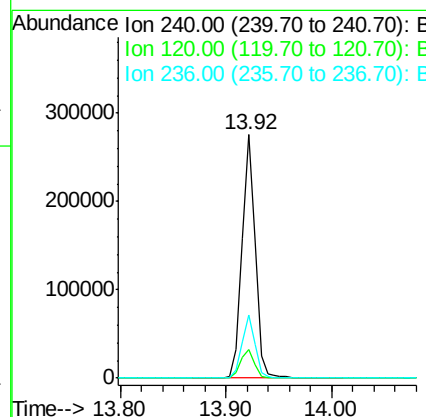
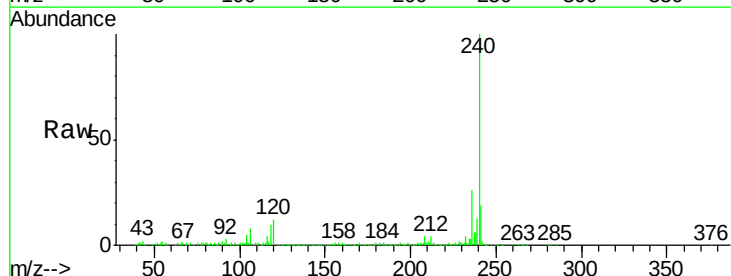
Instrument :
 BNA_F
 ClientSampleId :
 B-18(0-1)MS

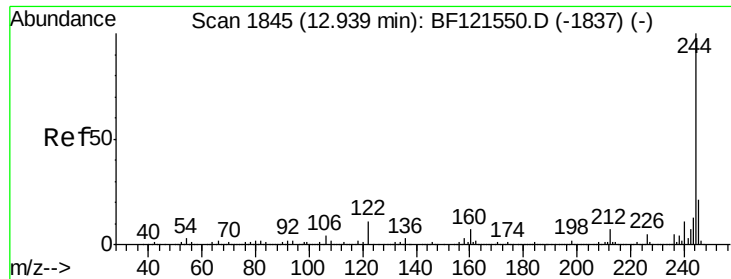
Tot Ion:169 Resp: 16413
 Ion Ratio Lower Upper
 169 100
 168 50.4 50.0 75.0
 167 27.1 27.8 41.6#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF121836.D
 Acq: 6 Oct 2020 1:00

Tgt Ion:240 Resp: 235361
 Ion Ratio Lower Upper
 240 100
 120 11.8 9.2 13.8
 236 25.8 20.9 31.3





#79

Terphenyl-d14

Concen: 2.331 ng

RT: 12.86 min Scan# 1832

Delta R.T. -0.02 min

Lab File: BF121836.D

Acq: 6 Oct 2020 1:00

Instrument :

BNA_F

ClientSampleId :

B-18(0-1)MS

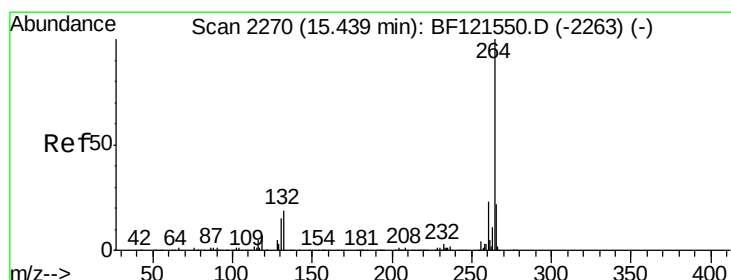
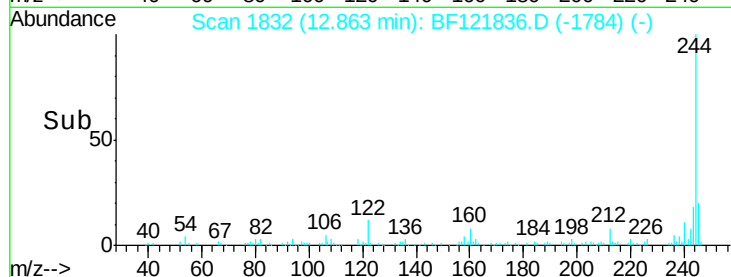
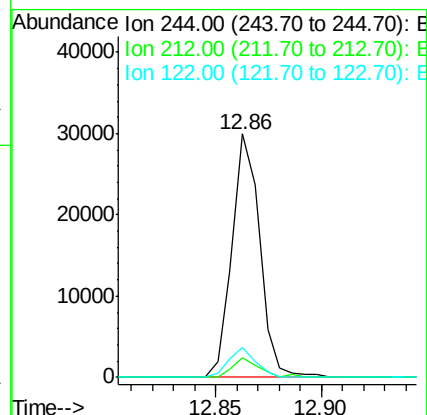
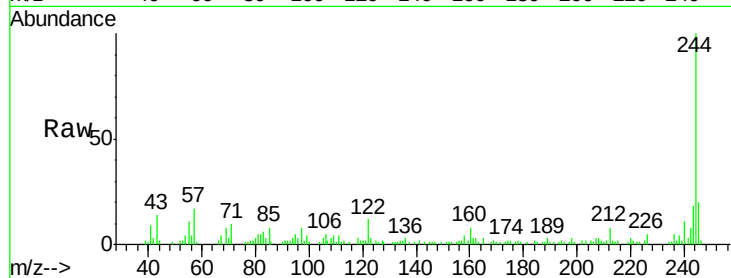
Tot Ion:244 Resp: 27079

Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.2

122 12.3 8.1 12.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.36 min Scan# 2257

Delta R.T. 0.00 min

Lab File: BF121836.D

Acq: 6 Oct 2020 1:00

Tgt Ion:264 Resp: 213168

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.1 17.3 25.9

