

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103122\
 Data File : BF130883.D
 Acq On : 31 Oct 2022 17:09
 Operator : CG\JU
 Sample : N5329-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BNM-1

Quant Time: Nov 01 02:29:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 05:41:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

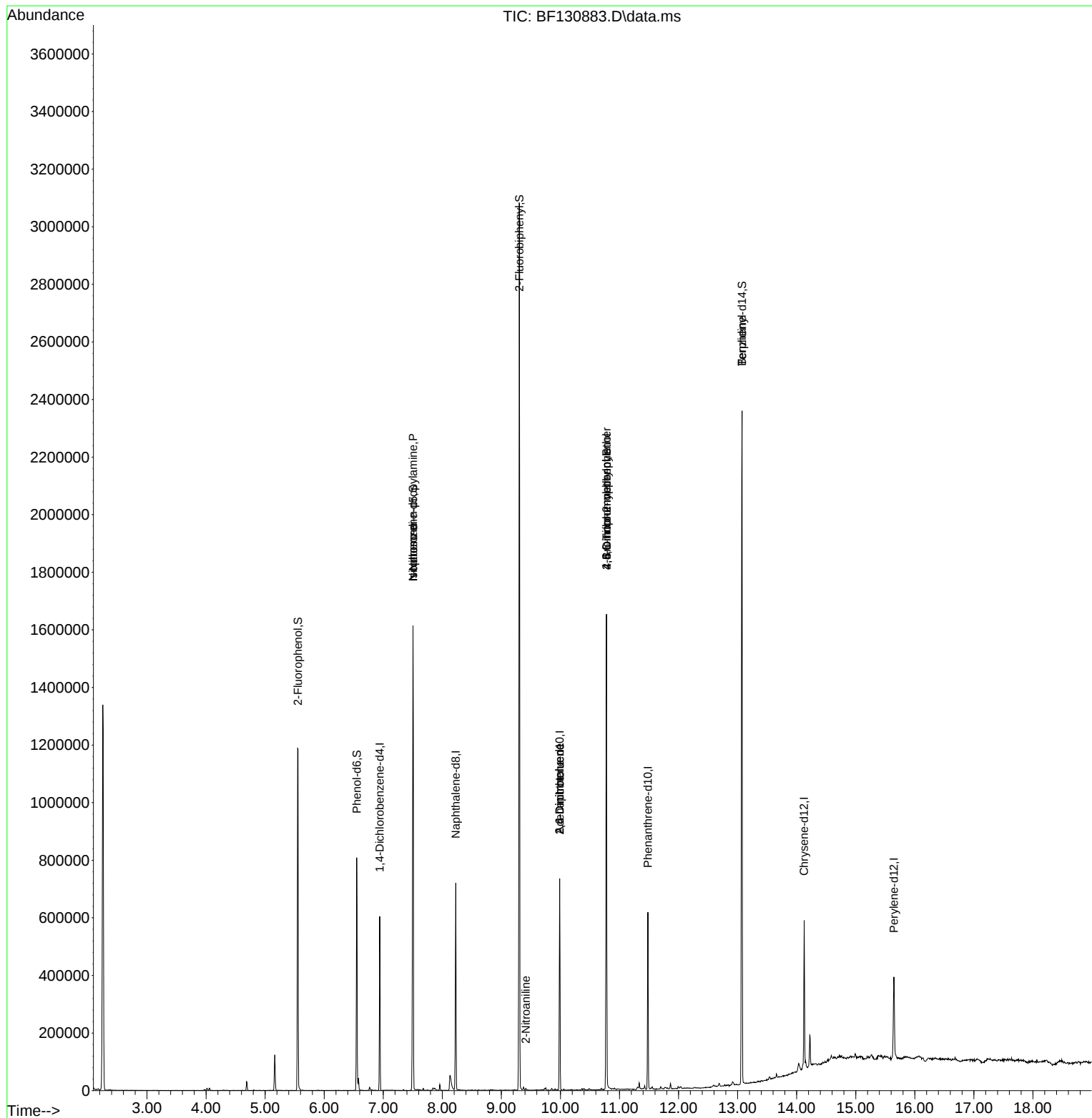
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	76004	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	272754	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	129096	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	201119	20.000	ng	0.00
76) Chrysene-d12	14.127	240	162839	20.000	ng	0.00
86) Perylene-d12	15.645	264	124916	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	290939	66.362	ng	0.00
7) Phenol-d6	6.551	99	227343	39.904	ng	-0.01
23) Nitrobenzene-d5	7.504	82	527369	116.588	ng	-0.01
42) 2,4,6-Tribromophenol	10.780	330	170284	156.694	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	872823	102.219	ng	0.00
79) Terphenyl-d14	13.074	244	788776	88.762	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	75129	19.382	ng	# 78
25) Isophorone	7.504	82	525821	56.371	ng	# 66
48) 2-Nitroaniline	9.416	65	75	4.176	ng	# 12
51) 2,6-Dinitrotoluene	9.986	165	15869	11.656	ng	# 15
57) 2,4-Dinitrotoluene	9.986	165	15869	10.621	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.780	198	526	8.451	ng	# 1
67) 4-Bromophenyl-phenylether	10.780	248	11172	5.524	ng	# 1
77) Benzidine	13.074	184	12470	3.155	ng	# 92

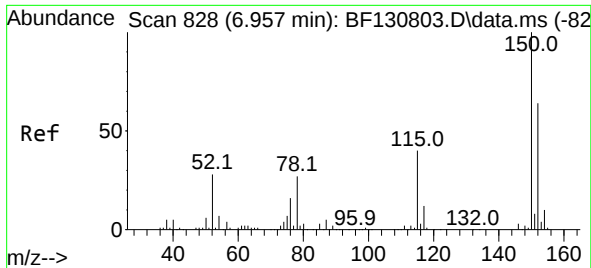
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103122\
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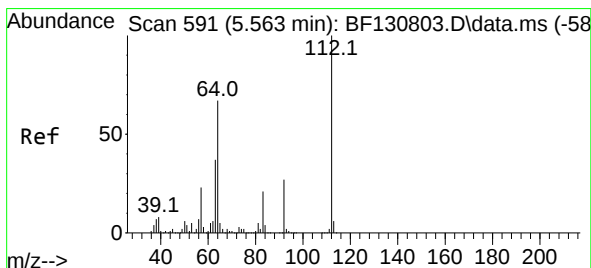
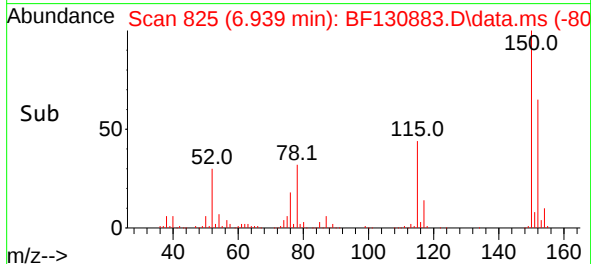
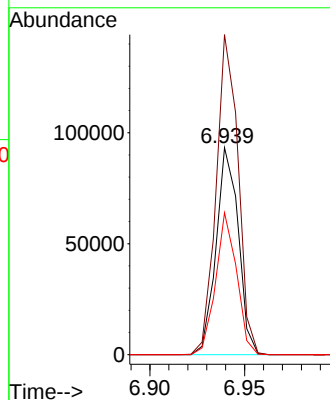
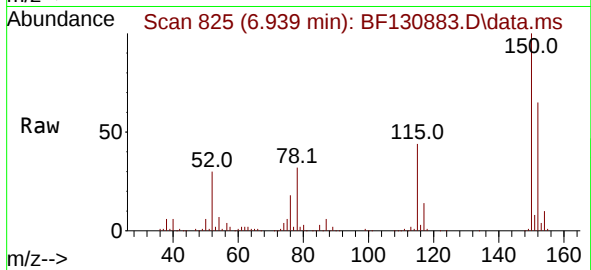




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.939 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF130883.D
 Acq: 31 Oct 2022 17:09

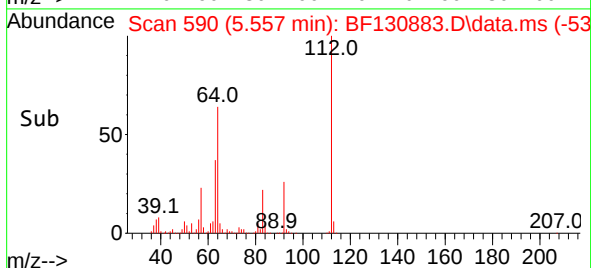
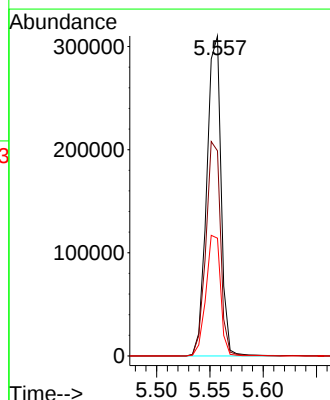
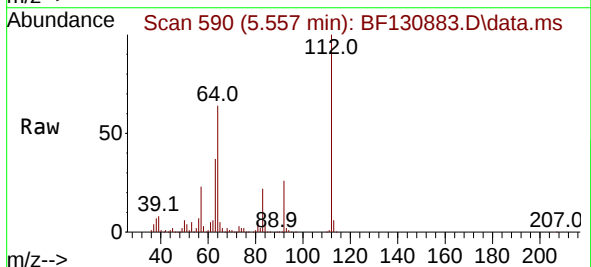
Instrument :
 BNA_F
 ClientSampleId :
 BNM-1

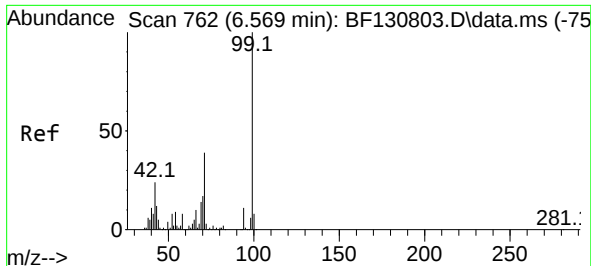
Tgt Ion:152 Resp: 76004
 Ion Ratio Lower Upper
 152 100
 150 154.6 124.1 186.1
 115 68.5 50.1 75.1



#5
 2-Fluorophenol
 Concen: 66.362 ng
 RT: 5.557 min Scan# 590
 Delta R.T. -0.000 min
 Lab File: BF130883.D
 Acq: 31 Oct 2022 17:09

Tgt Ion:112 Resp: 290939
 Ion Ratio Lower Upper
 112 100
 64 64.1 53.9 80.9
 63 36.8 29.4 44.2

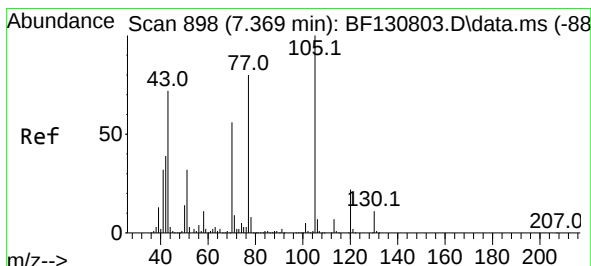
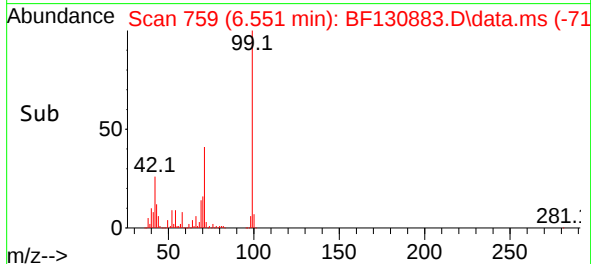
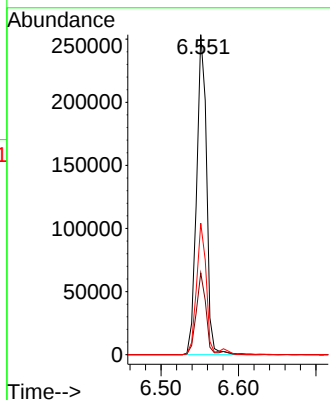
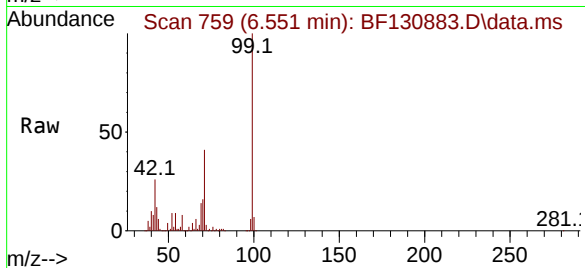




#7
Phenol-d6
Concen: 39.904 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130883.D
Acq: 31 Oct 2022 17:09

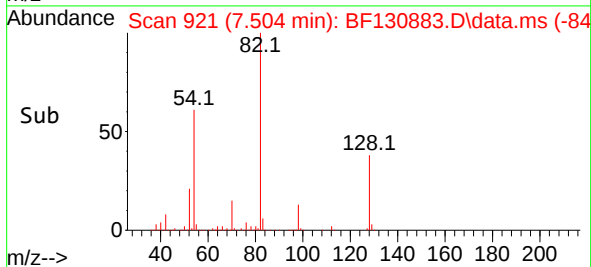
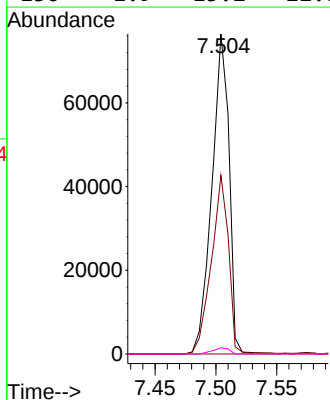
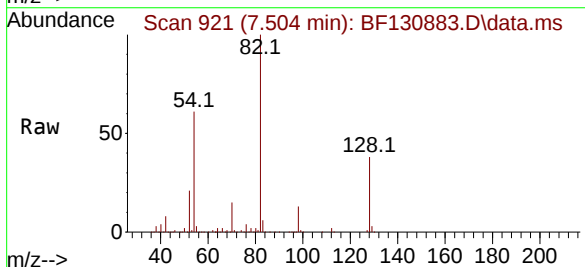
Instrument :
BNA_F
ClientSampleId :
BNM-1

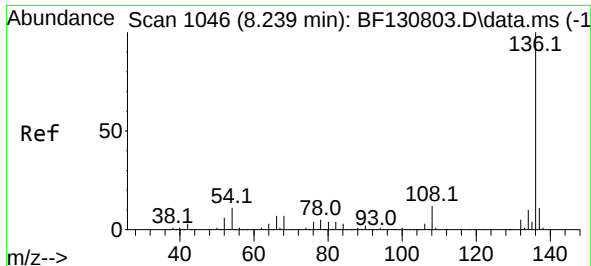
Tgt Ion: 99 Resp: 227343
Ion Ratio Lower Upper
99 100
42 25.6 18.8 28.2
71 41.1 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.382 ng
RT: 7.504 min Scan# 921
Delta R.T. 0.141 min
Lab File: BF130883.D
Acq: 31 Oct 2022 17:09

Tgt Ion: 70 Resp: 75129
Ion Ratio Lower Upper
70 100
42 55.8 56.1 84.1#
101 0.0 7.3 10.9#
130 1.9 15.2 22.8#



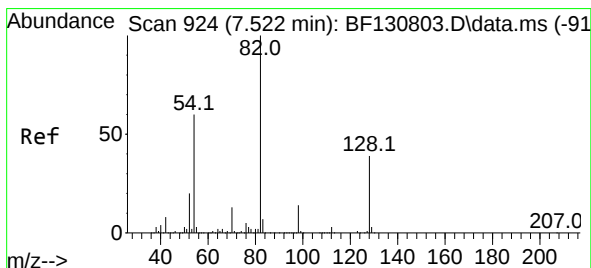
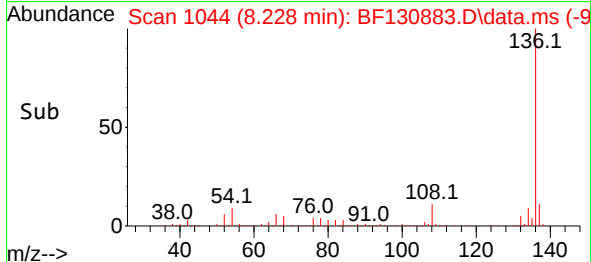
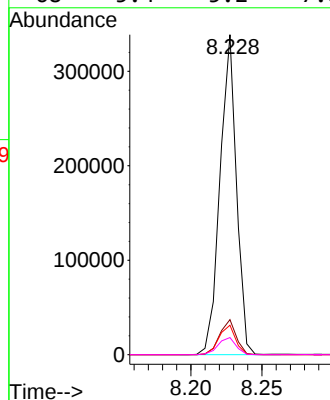
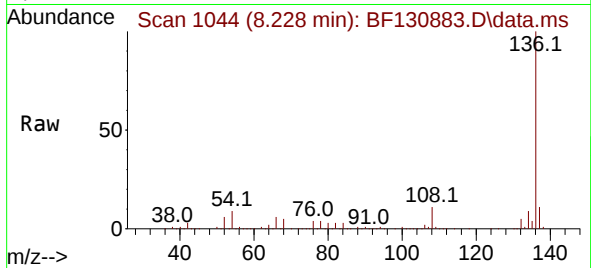


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF130883.D
Acq: 31 Oct 2022 17:09

Instrument :
BNA_F
ClientSampleId :
BNM-1

Tgt Ion:136 Resp: 272754

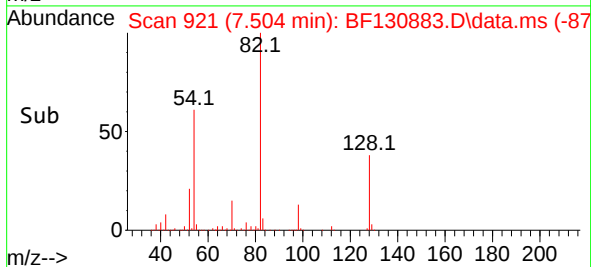
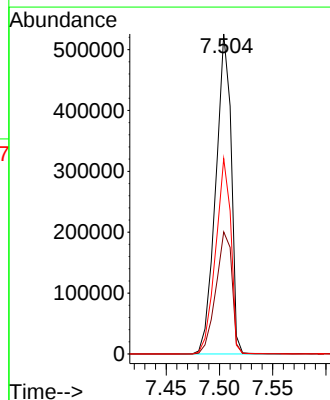
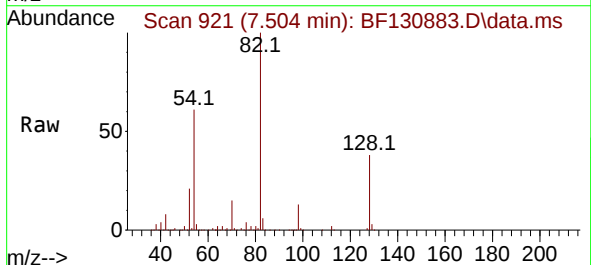
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	9.2	8.8	13.2
68	5.4	5.2	7.8



#23
Nitrobenzene-d5
Concen: 116.588 ng
RT: 7.504 min Scan# 921
Delta R.T. -0.012 min
Lab File: BF130883.D
Acq: 31 Oct 2022 17:09

Tgt Ion: 82 Resp: 527369

Ion	Ratio	Lower	Upper
82	100		
128	38.1	31.2	46.8
54	61.0	48.0	72.0

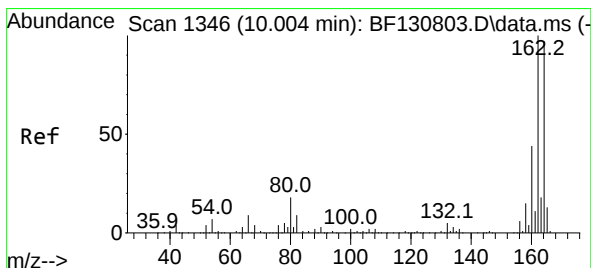
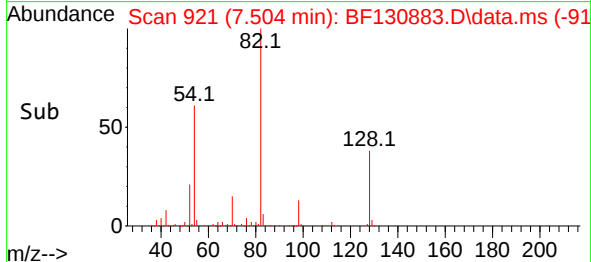
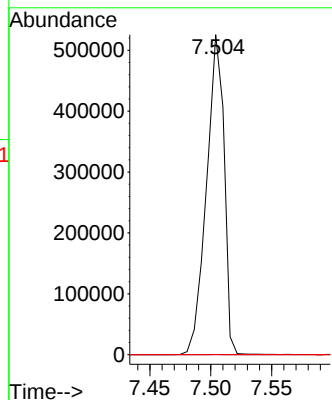
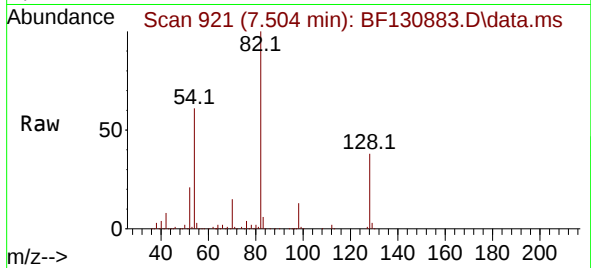




#25
Isophorone
Concen: 56.371 ng
RT: 7.504 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130883.D
Acq: 31 Oct 2022 17:09

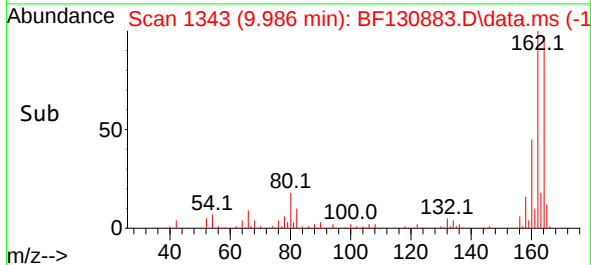
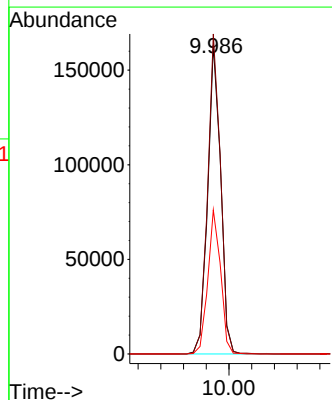
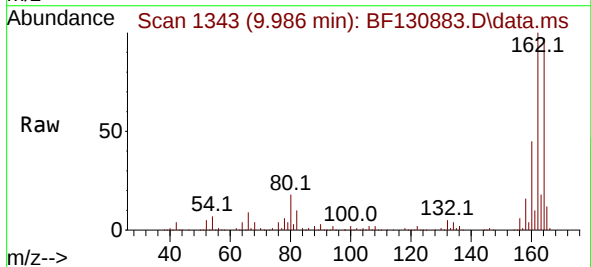
Instrument :
BNA_F
ClientSampleId :
BNM-1

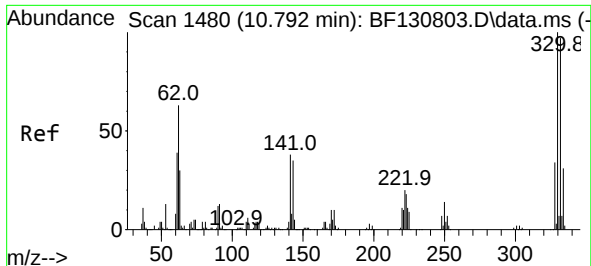
Tgt Ion: 82 Resp: 525821
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.012 min
Lab File: BF130883.D
Acq: 31 Oct 2022 17:09

Tgt Ion:164 Resp: 129096
Ion Ratio Lower Upper
164 100
162 103.6 82.2 123.2
160 46.6 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 156.694 ng

RT: 10.780 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF130883.D

Acq: 31 Oct 2022 17:09

Instrument :

BNA_F

ClientSampleId :

BNM-1

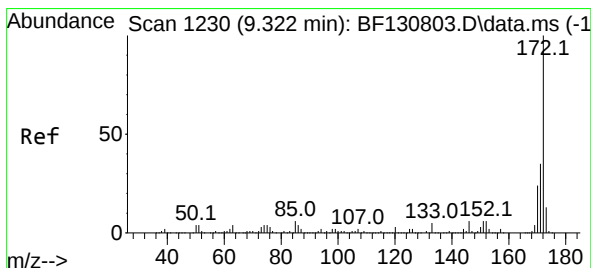
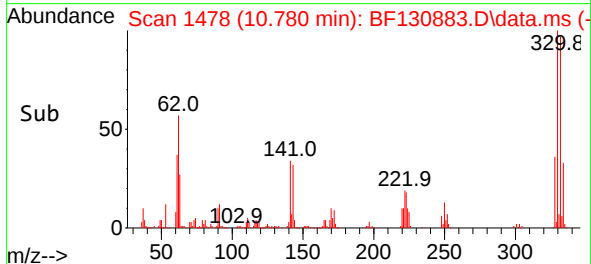
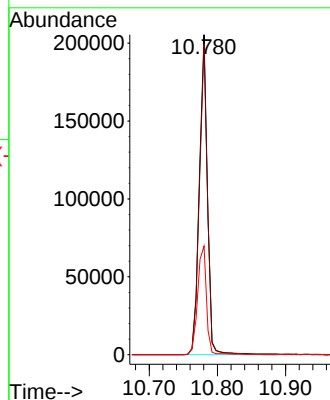
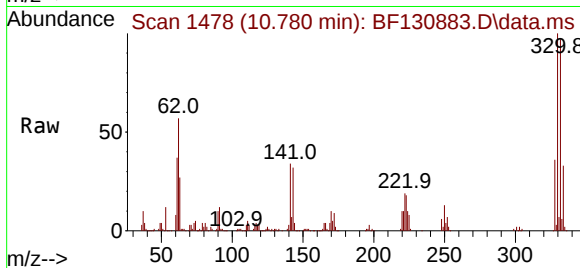
Tgt Ion:330 Resp: 170284

Ion Ratio Lower Upper

330 100

332 96.7 76.2 114.4

141 37.1 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 102.219 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF130883.D

Acq: 31 Oct 2022 17:09

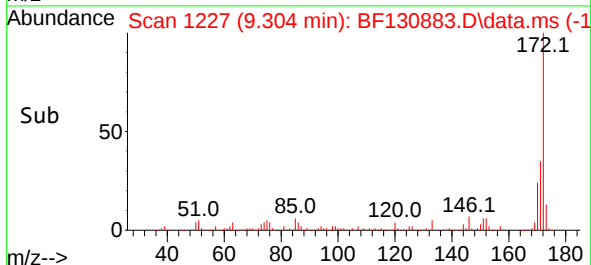
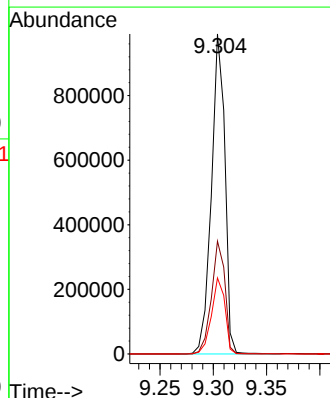
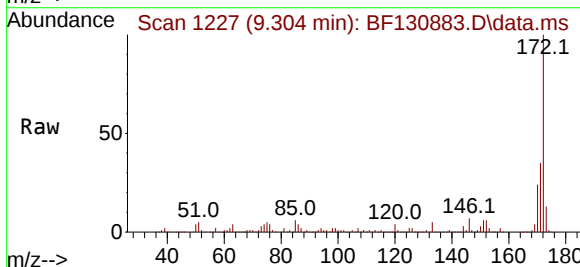
Tgt Ion:172 Resp: 872823

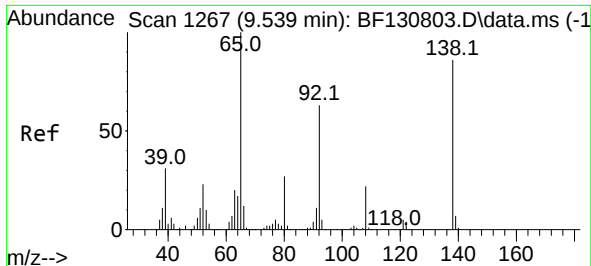
Ion Ratio Lower Upper

172 100

171 35.2 28.1 42.1

170 23.7 19.0 28.4

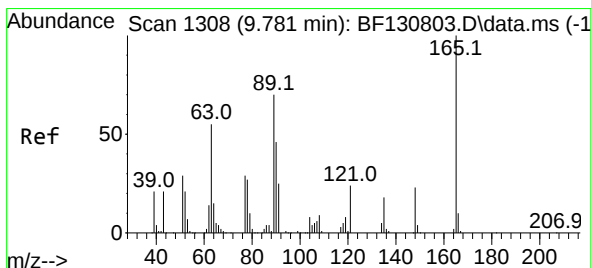
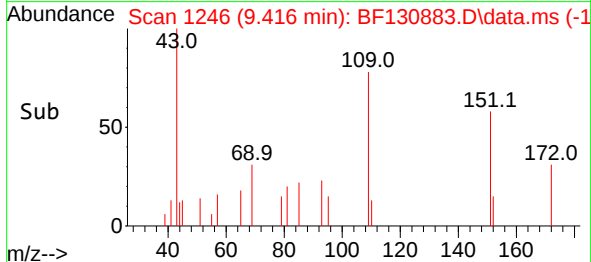
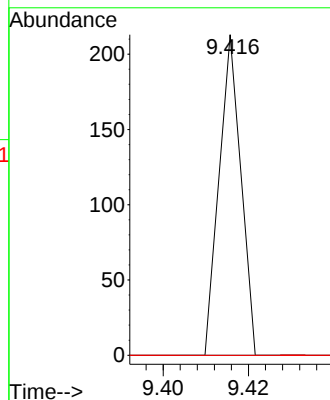
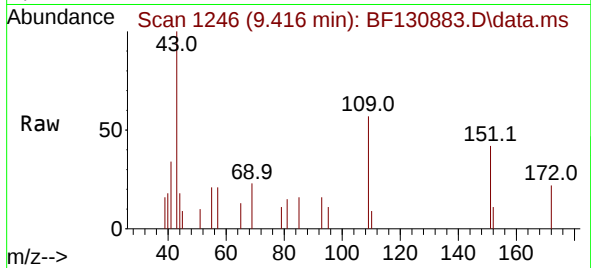




#48
2-Nitroaniline
Concen: 4.176 ng
RT: 9.416 min Scan# 11
Delta R.T. -0.118 min
Lab File: BF130883.D
Acq: 31 Oct 2022 17:09

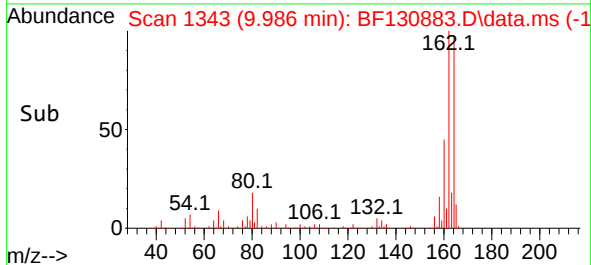
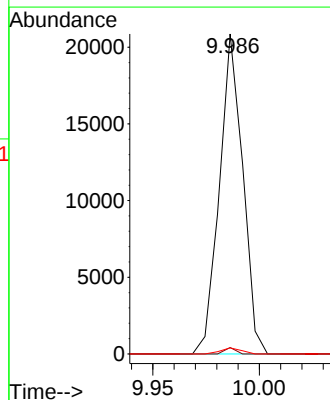
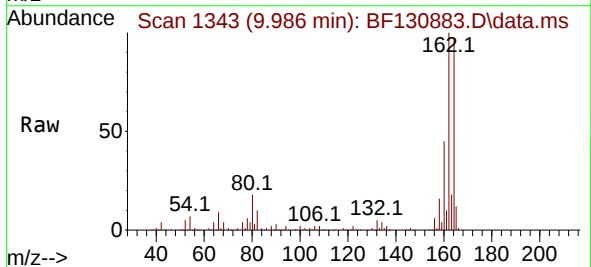
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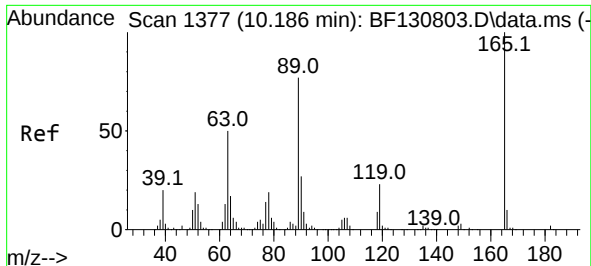
Tgt Ion: 65 Resp: 75
Ion Ratio Lower Upper
65 100
92 0.0 50.1 75.1#
138 0.0 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 11.656 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.212 min
Lab File: BF130883.D
Acq: 31 Oct 2022 17:09

Tgt Ion: 165 Resp: 15869
Ion Ratio Lower Upper
165 100
63 2.0 61.8 92.8#
89 1.9 56.2 84.4#

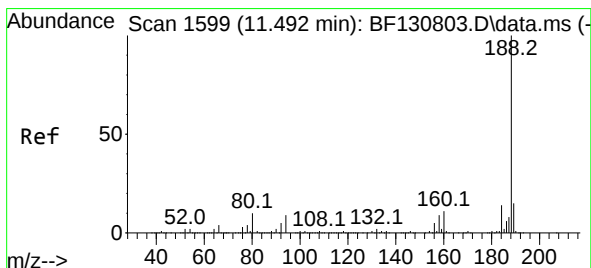
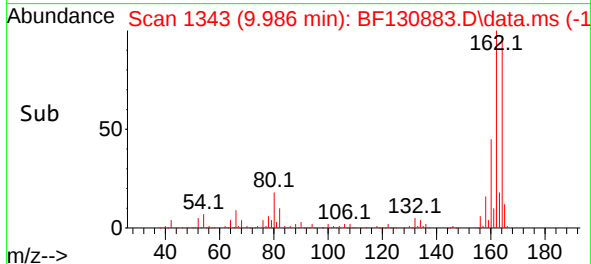
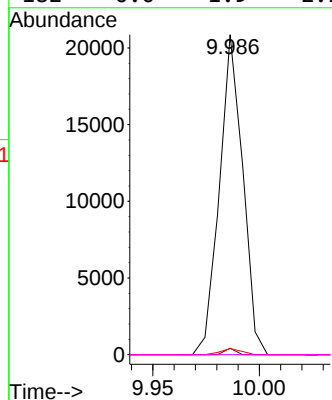
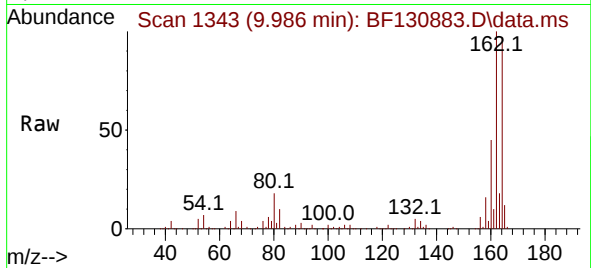




#57
2,4-Dinitrotoluene
Concen: 10.621 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF130883.D
Acq: 31 Oct 2022 17:09

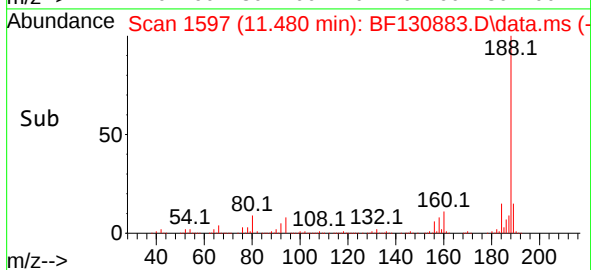
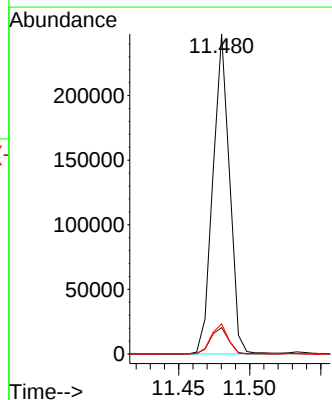
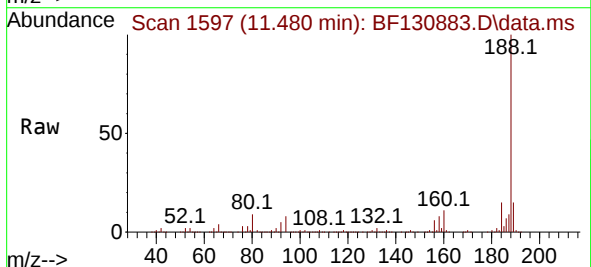
Instrument :
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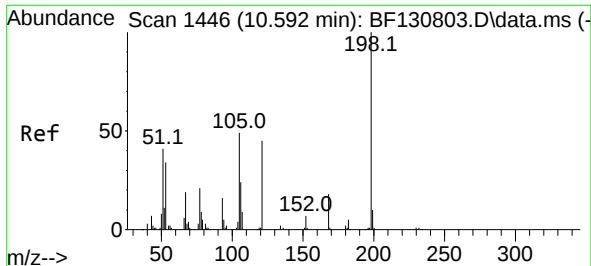
Tgt Ion:165 Resp: 15869
Ion Ratio Lower Upper
165 100
63 2.0 39.8 59.6#
89 1.9 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BF130883.D
Acq: 31 Oct 2022 17:09

Tgt Ion:188 Resp: 201119
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.2
80 9.4 8.0 12.0





#65

4,6-Dinitro-2-methylphenol

Concen: 8.451 ng

RT: 10.780 min Scan# 1446

Delta R.T. 0.194 min

Lab File: BF130883.D

Acq: 31 Oct 2022 17:09

Instrument :

BNA_F

ClientSampleId :

BNM-1

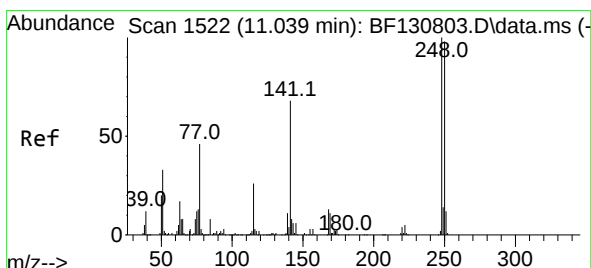
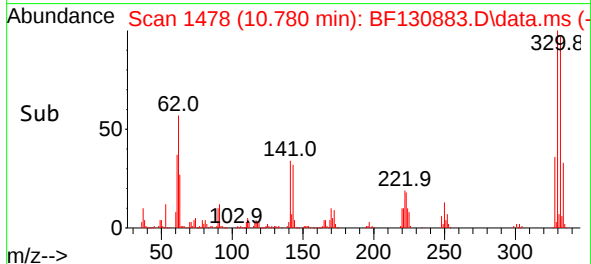
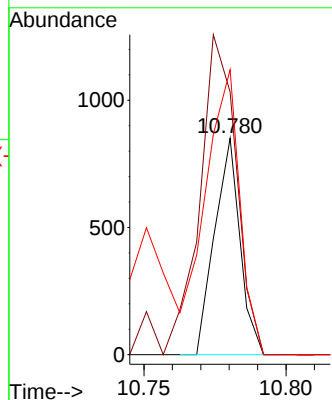
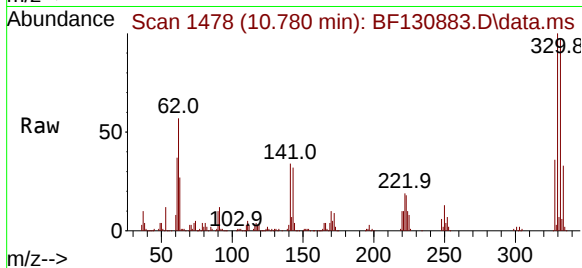
Tgt Ion:198 Resp: 526

Ion Ratio Lower Upper

198 100

51 121.4 39.0 79.0#

105 131.6 30.6 70.6#



#67

4-Bromophenyl-phenylether

Concen: 5.524 ng

RT: 10.780 min Scan# 1478

Delta R.T. -0.247 min

Lab File: BF130883.D

Acq: 31 Oct 2022 17:09

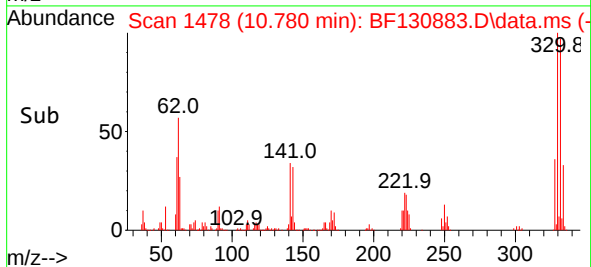
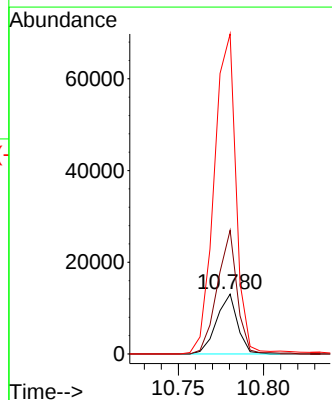
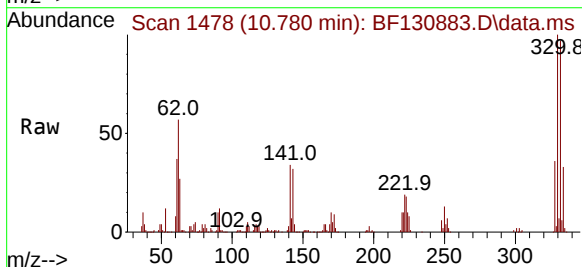
Tgt Ion:248 Resp: 11172

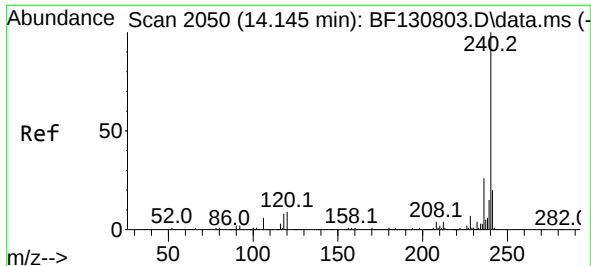
Ion Ratio Lower Upper

248 100

250 206.8 78.6 117.8#

141 535.0 54.2 81.4#

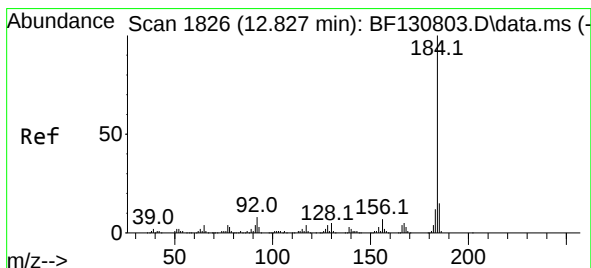
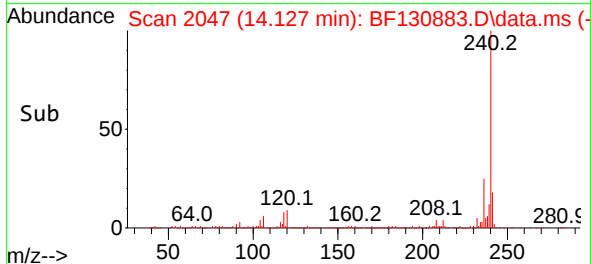
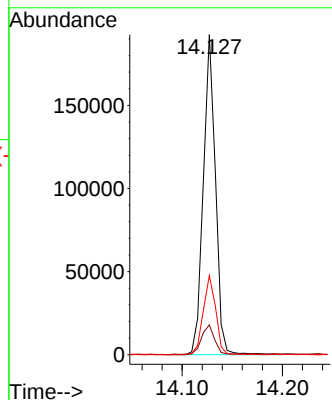
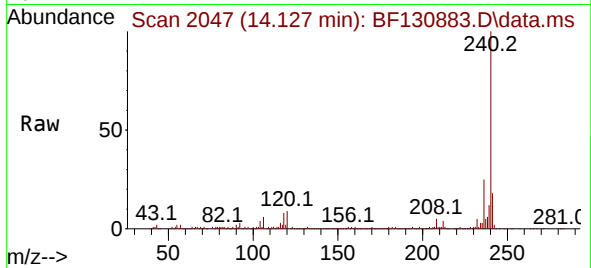




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF130883.D
Acq: 31 Oct 2022 17:09

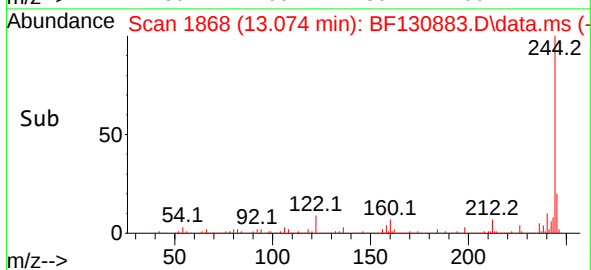
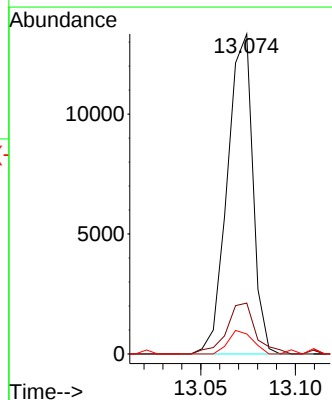
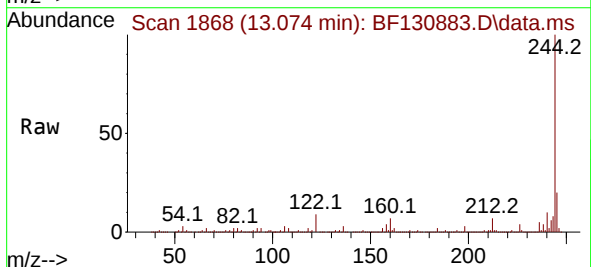
Instrument :
BNA_F
ClientSampleId :
BNM-1

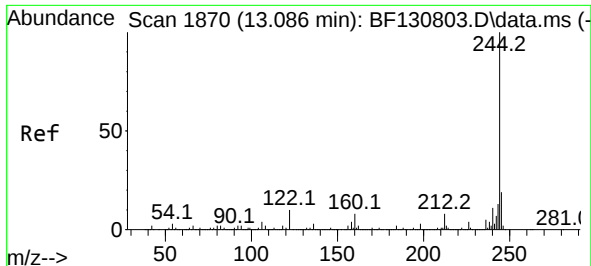
Tgt Ion:240 Resp: 162839
Ion Ratio Lower Upper
240 100
120 9.3 7.0 10.4
236 24.8 20.5 30.7



#77
Benzidine
Concen: 3.155 ng
RT: 13.074 min Scan# 1868
Delta R.T. 0.253 min
Lab File: BF130883.D
Acq: 31 Oct 2022 17:09

Tgt Ion:184 Resp: 12470
Ion Ratio Lower Upper
184 100
185 15.9 11.8 17.8
183 6.3 9.7 14.5#

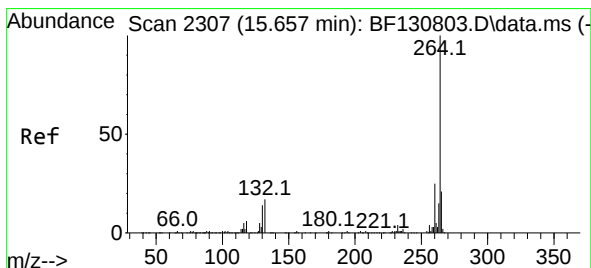
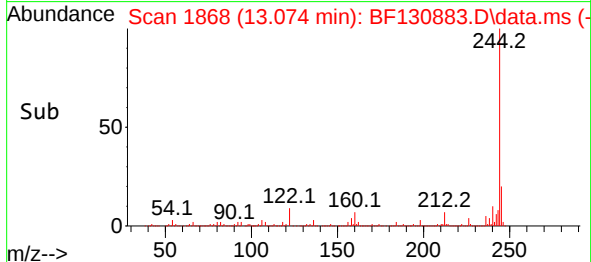
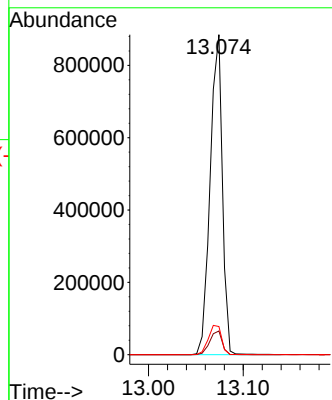
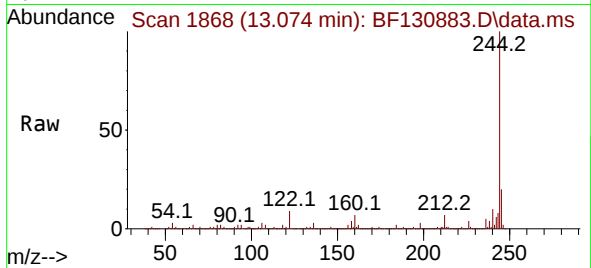




#79
 Terphenyl-d14
 Concen: 88.762 ng
 RT: 13.074 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF130883.D
 Acq: 31 Oct 2022 17:09

Instrument :
 BNA_F
 ClientSampleId :
 BNM-1

Tgt Ion:244 Resp: 788776
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 8.8 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.645 min Scan# 2305
 Delta R.T. -0.000 min
 Lab File: BF130883.D
 Acq: 31 Oct 2022 17:09

Tgt Ion:264 Resp: 124916
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.9 29.9
 265 21.1 17.0 25.6

