

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
 Data File : BF130843.D
 Acq On : 29 Oct 2022 01:29
 Operator : CG\JU
 Sample : N5284-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-1-WC

Quant Time: Oct 29 05:48:15 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

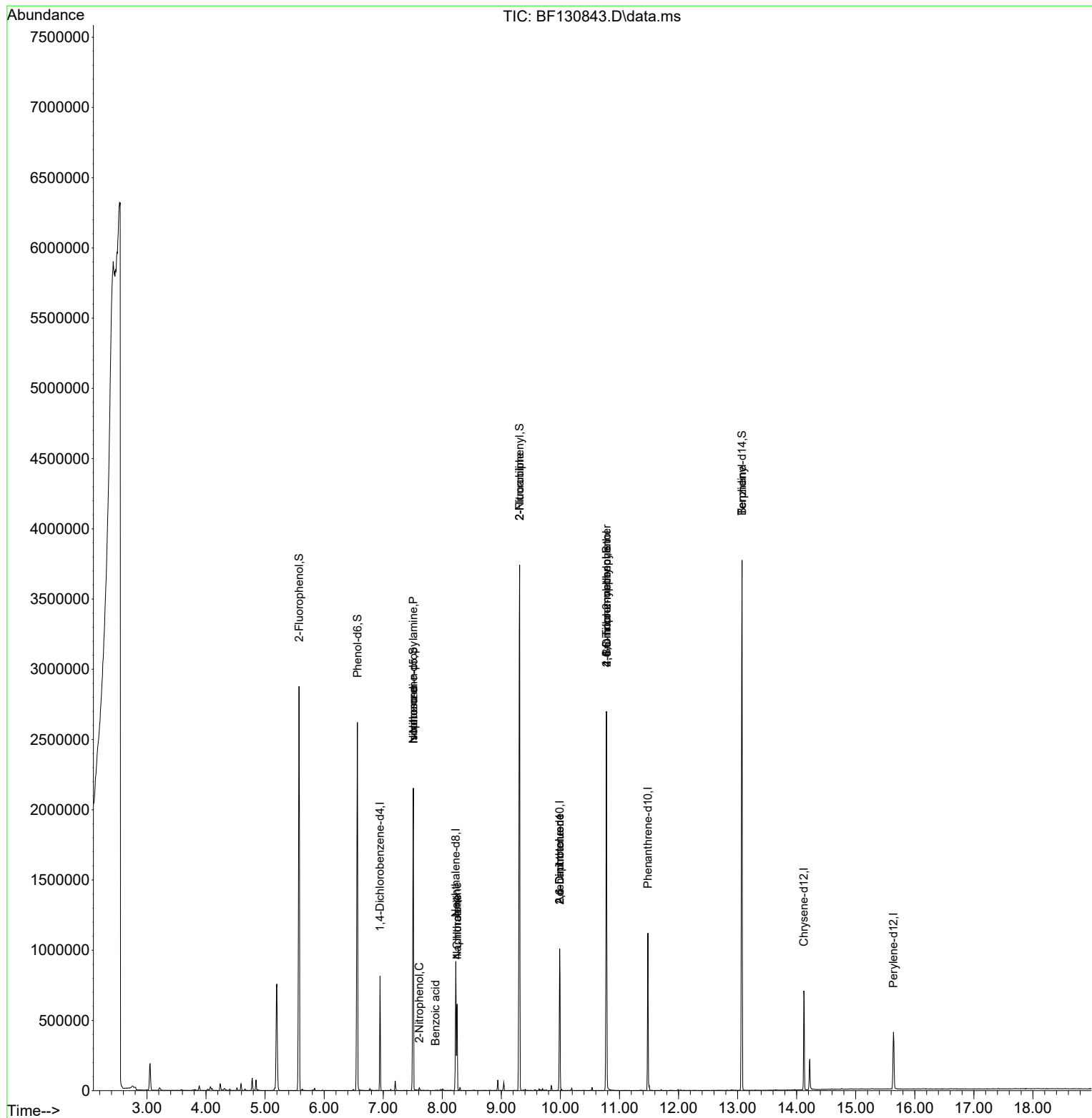
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	97941	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	371161	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	202246	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	362334	20.000	ng	0.00
76) Chrysene-d12	14.121	240	235907	20.000	ng	#-0.01
86) Perylene-d12	15.639	264	183631	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	753303	133.339	ng	0.02
7) Phenol-d6	6.563	99	898546	122.392	ng	0.00
23) Nitrobenzene-d5	7.510	82	681985	110.795	ng	0.00
42) 2,4,6-Tribromophenol	10.781	330	285093	167.455	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	1252687	93.644	ng	0.00
79) Terphenyl-d14	13.075	244	1271630	98.776	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.510	70	94733	18.965	ng	# 78
25) Isophorone	7.510	82	681975	53.728	ng	# 66
26) 2-Nitrophenol	7.610	139	57	4.101	ng	# 30
31) Naphthalene	8.251	128	253371	13.084	ng	# 99
32) Benzoic acid	7.887	122	299	7.747	ng	# 82
33) 4-Chloroaniline	8.251	127	33304	4.352	ng	# 35
48) 2-Nitroaniline	9.310	65	2512	4.765	ng	# 1
51) 2,6-Dinitrotoluene	9.986	165	25317	11.819	ng	# 14
57) 2,4-Dinitrotoluene	9.986	165	25317	10.748	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.781	198	935	8.444	ng	# 1
67) 4-Bromophenyl-phenylether	10.781	248	19637	5.389	ng	# 1
77) Benzidine	13.075	184	19942	3.482	ng	# 91

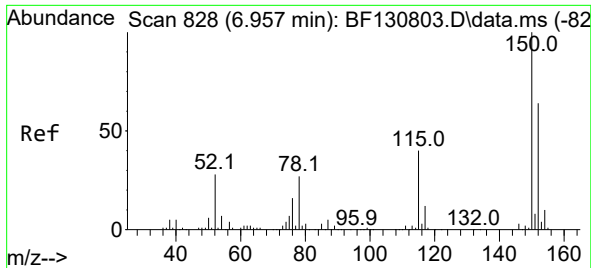
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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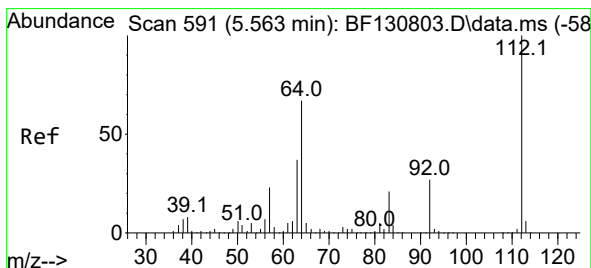
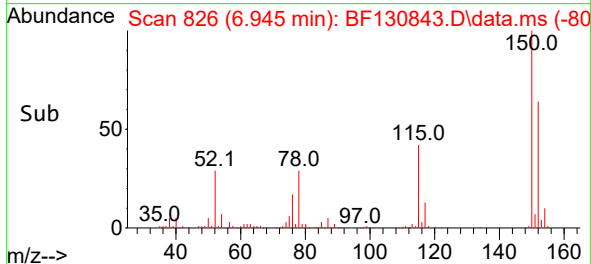
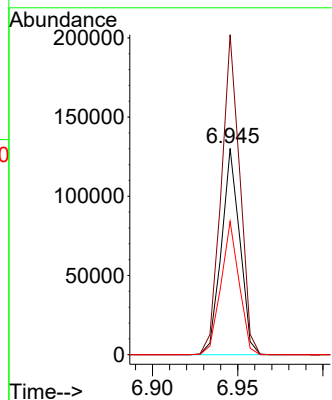
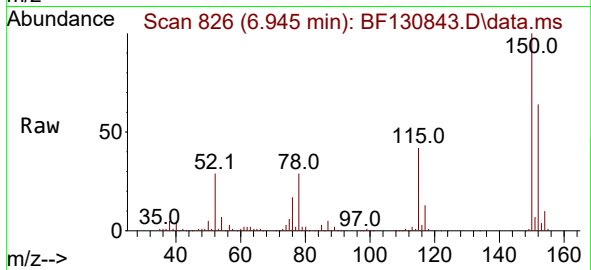




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130843.D
Acq: 29 Oct 2022 01:29

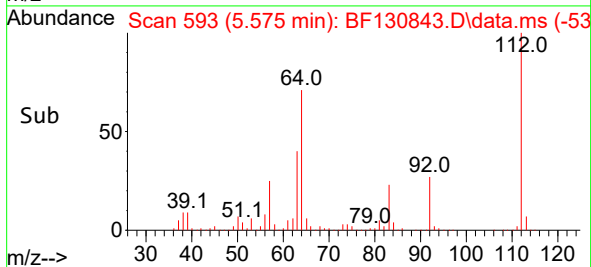
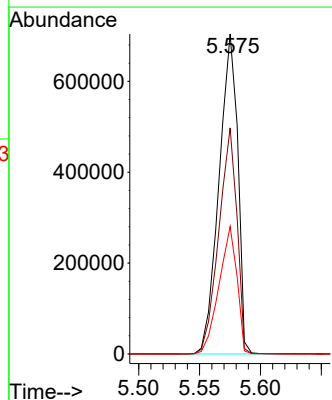
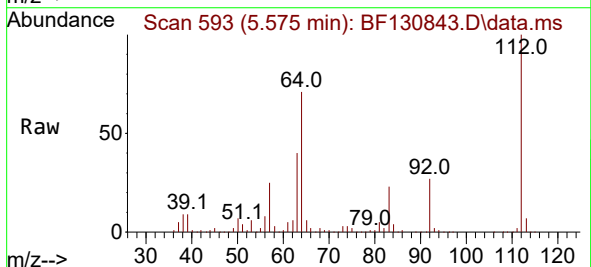
Instrument :
BNA_F
ClientSampleId :
MH-1-WC

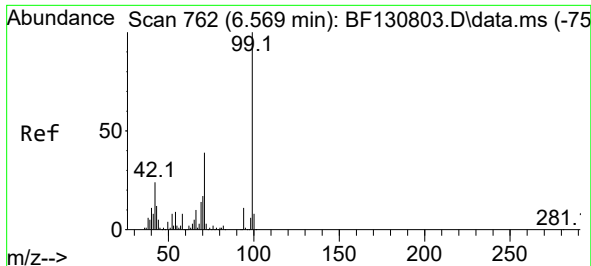
Tgt Ion:152 Resp: 97941
Ion Ratio Lower Upper
152 100
150 155.1 124.1 186.1
115 64.6 50.1 75.1



#5
2-Fluorophenol
Concen: 133.339 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.018 min
Lab File: BF130843.D
Acq: 29 Oct 2022 01:29

Tgt Ion:112 Resp: 753303
Ion Ratio Lower Upper
112 100
64 70.6 53.9 80.9
63 39.8 29.4 44.2

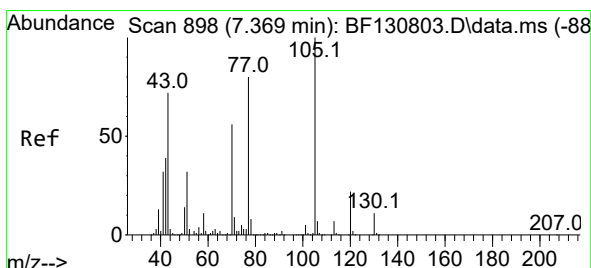
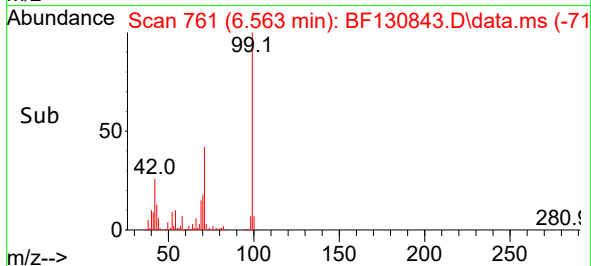
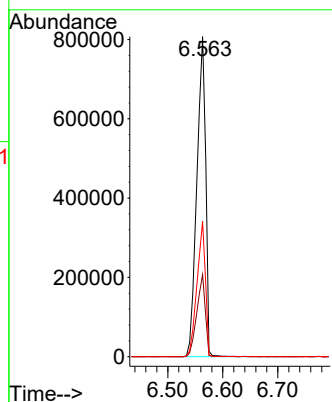
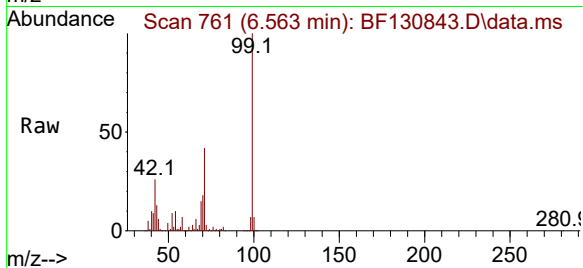




#7
Phenol-d6
Concen: 122.392 ng
RT: 6.563 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130843.D
Acq: 29 Oct 2022 01:29

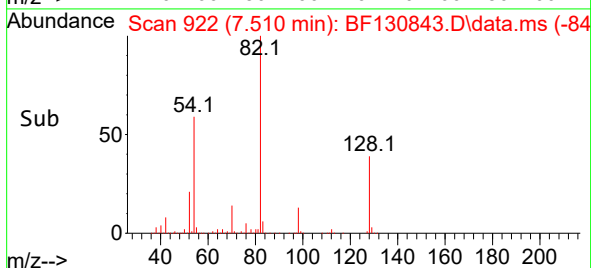
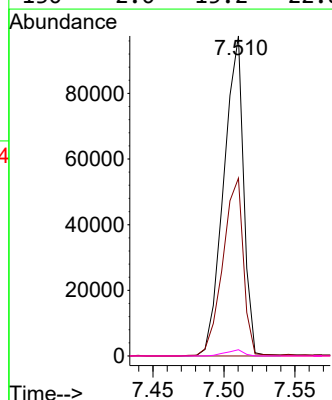
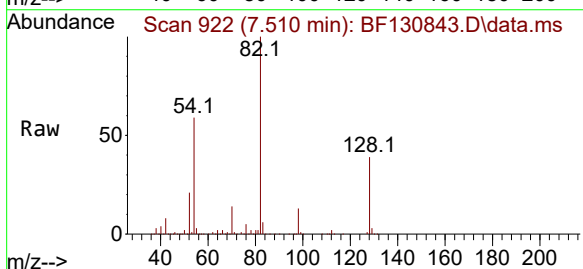
Instrument :
BNA_F
ClientSampleId :
MH-1-WC

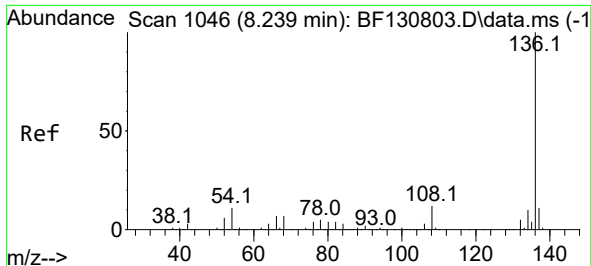
Tgt Ion: 99 Resp: 898546
Ion Ratio Lower Upper
99 100
42 25.6 18.8 28.2
71 42.2 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 18.965 ng
RT: 7.510 min Scan# 922
Delta R.T. 0.147 min
Lab File: BF130843.D
Acq: 29 Oct 2022 01:29

Tgt Ion: 70 Resp: 94733
Ion Ratio Lower Upper
70 100
42 55.6 56.1 84.1#
101 0.0 7.3 10.9#
130 2.0 15.2 22.8#

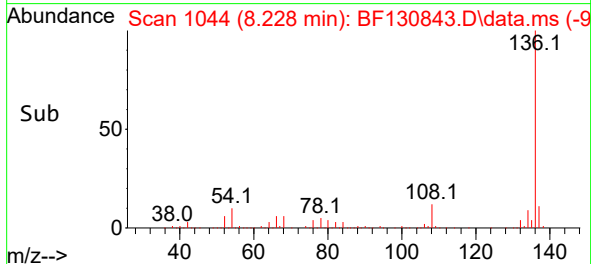
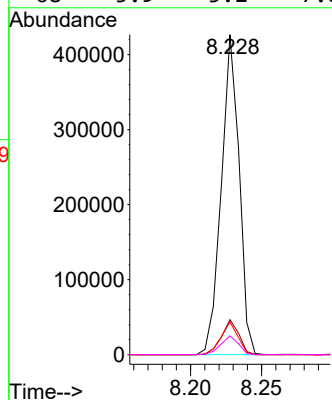
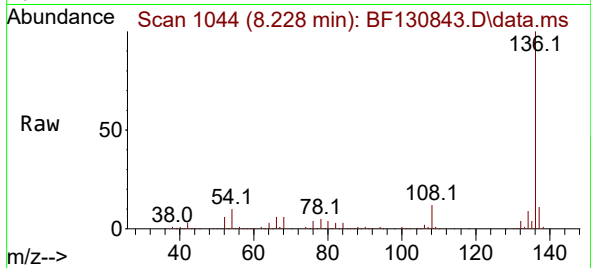




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF130843.D
Acq: 29 Oct 2022 01:29

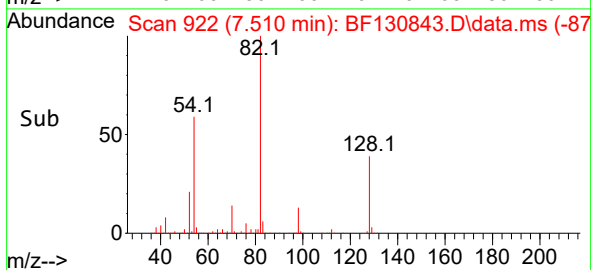
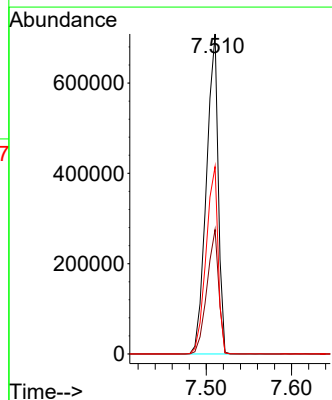
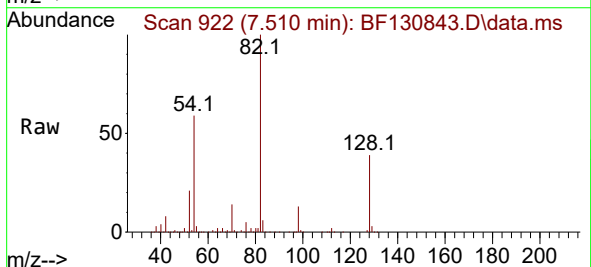
Instrument :
BNA_F
ClientSampleId :
MH-1-WC

Tgt Ion	136	Resp: Lower	371161 Upper
136	100		
137	11.0	9.2	13.8
54	10.3	8.8	13.2
68	5.9	5.2	7.8



#23
Nitrobenzene-d5
Concen: 110.795 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.006 min
Lab File: BF130843.D
Acq: 29 Oct 2022 01:29

Tgt Ion: 82	Resp: 681985
Ion Ratio	Lower Upper
82 100	
128 38.9	31.2 46.8
54 58.6	48.0 72.0

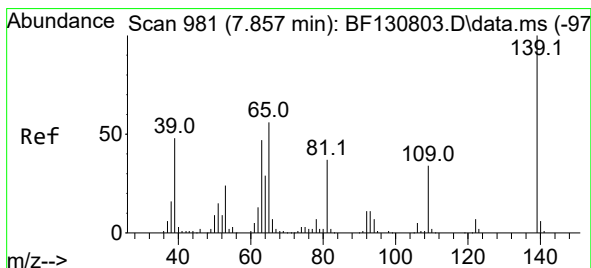
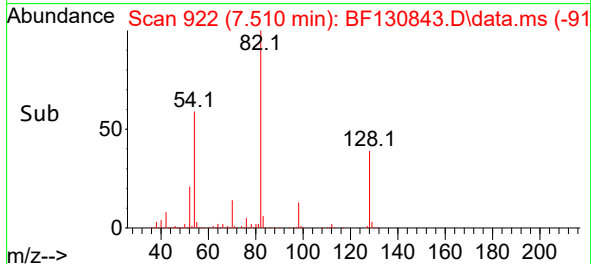
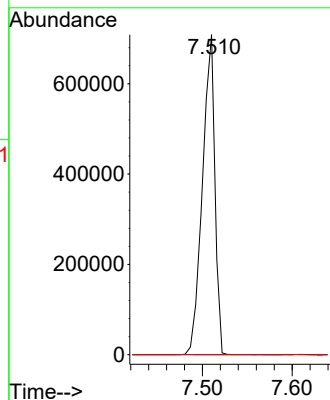
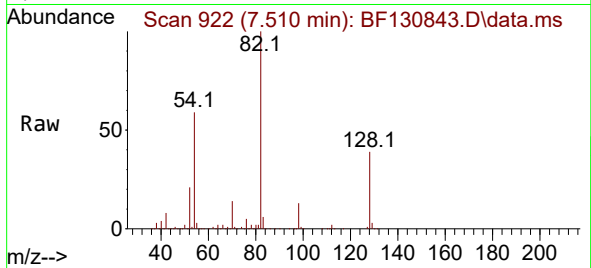




#25
Isophorone
Concen: 53.728 ng
RT: 7.510 min Scan# 910
Delta R.T. -0.259 min
Lab File: BF130843.D
Acq: 29 Oct 2022 01:29

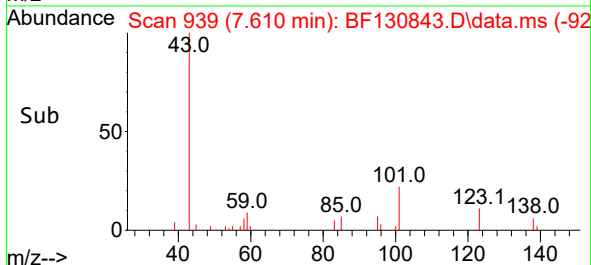
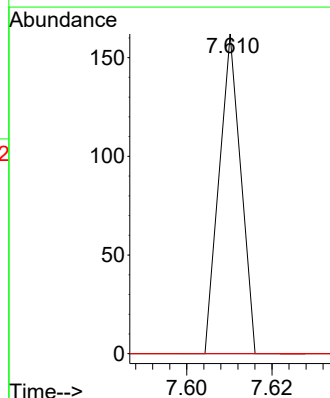
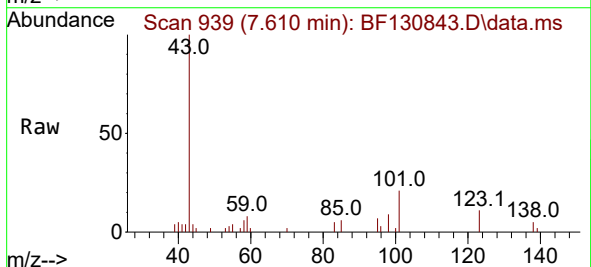
Instrument :
BNA_F
ClientSampleId :
MH-1-WC

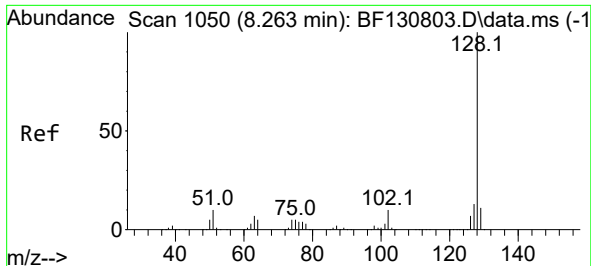
Tgt Ion: 82 Resp: 681975
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#26
2-Nitrophenol
Concen: 4.101 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.235 min
Lab File: BF130843.D
Acq: 29 Oct 2022 01:29

Tgt Ion: 139 Resp: 57
Ion Ratio Lower Upper
139 100
109 0.0 27.3 40.9#
65 0.0 44.6 67.0#

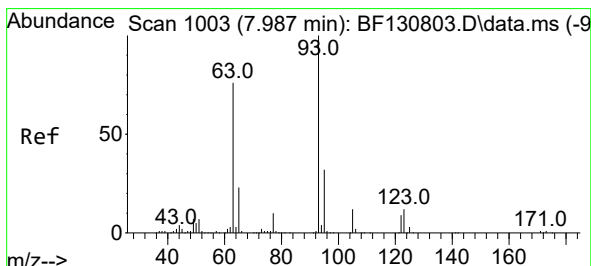
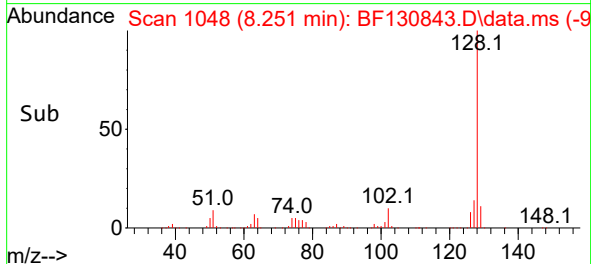
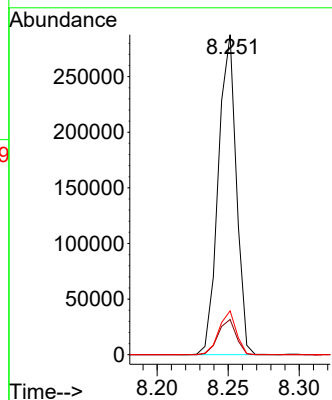
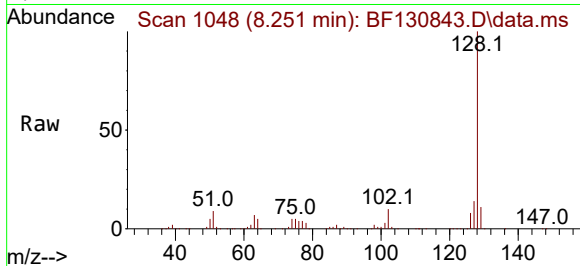




#31
Naphthalene
Concen: 13.084 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF130843.D
Acq: 29 Oct 2022 01:29

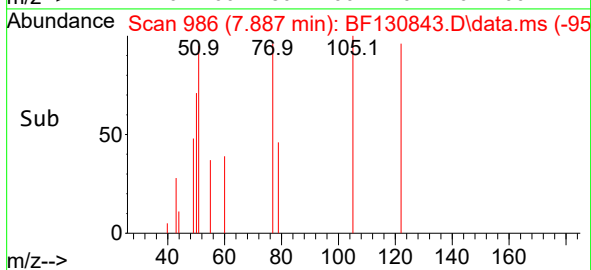
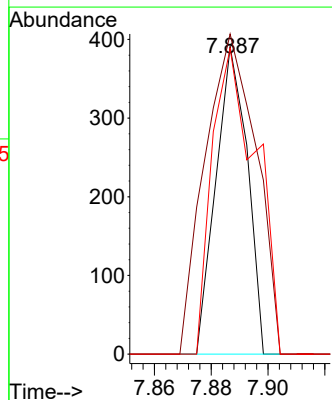
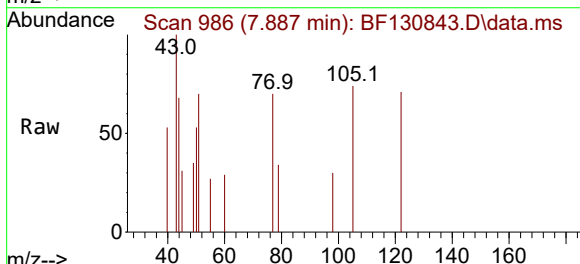
Instrument :
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ClientSampleId :
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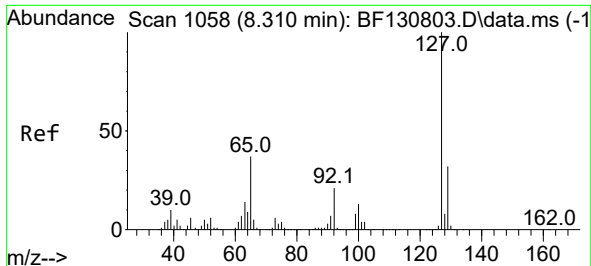
Tgt Ion:128 Resp: 253371
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.7 10.6 16.0



#32
Benzoic acid
Concen: 7.747 ng
RT: 7.887 min Scan# 986
Delta R.T. -0.100 min
Lab File: BF130843.D
Acq: 29 Oct 2022 01:29

Tgt Ion:122 Resp: 299
Ion Ratio Lower Upper
122 100
105 104.1 114.5 154.5#
77 99.5 89.8 129.8

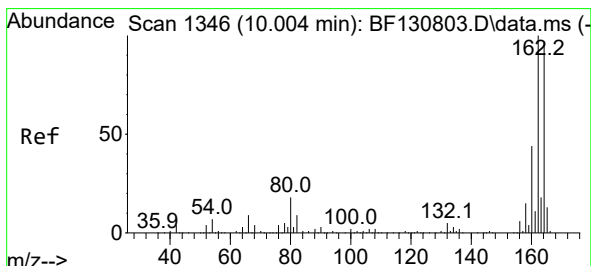
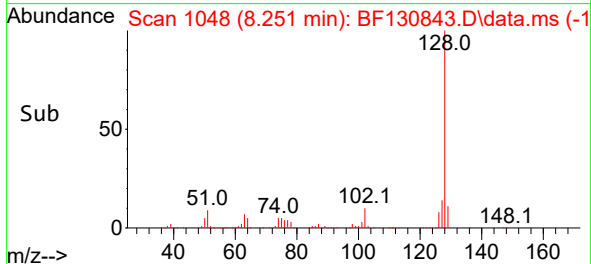
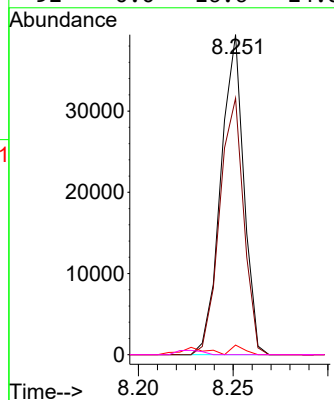
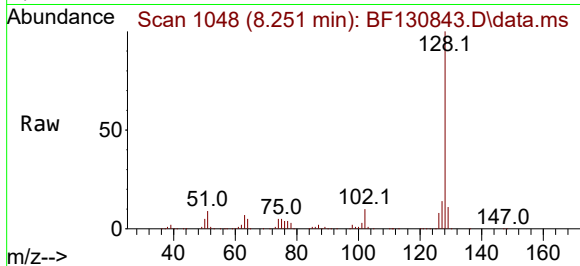




#33
4-Chloroaniline
Concen: 4.352 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.053 min
Lab File: BF130843.D
Acq: 29 Oct 2022 01:29

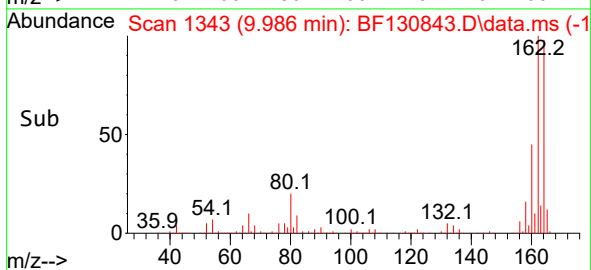
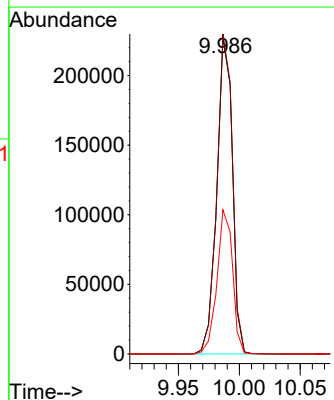
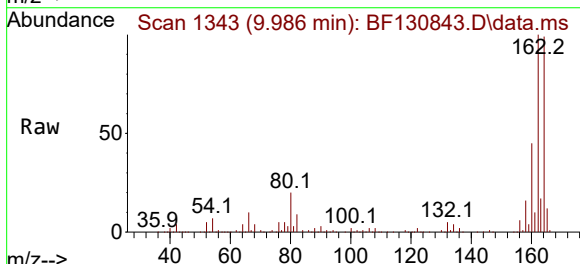
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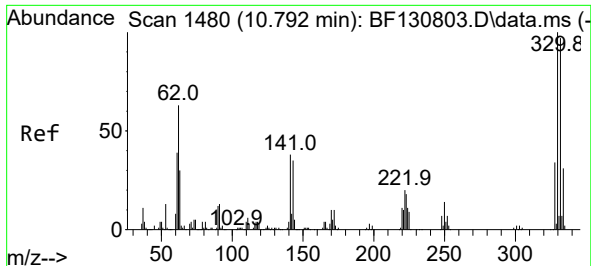
Tgt Ion:	127	Resp:	33304
Ion	Ratio	Lower	Upper
127	100		
129	80.2	25.6	38.4#
65	3.0	29.4	44.2#
92	0.0	16.6	24.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.012 min
Lab File: BF130843.D
Acq: 29 Oct 2022 01:29

Tgt Ion:	164	Resp:	202246
Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.2	123.2
160	45.6	36.6	54.8





#42

2,4,6-Tribromophenol

Concen: 167.455 ng

RT: 10.781 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF130843.D

Acq: 29 Oct 2022 01:29

Instrument :

BNA_F

ClientSampleId :

MH-1-WC

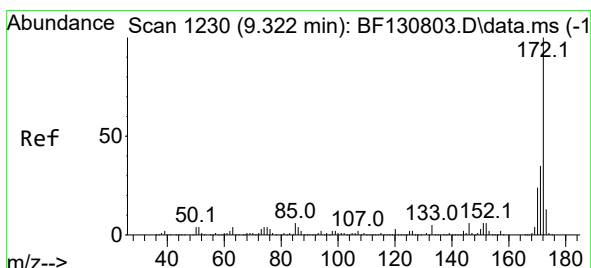
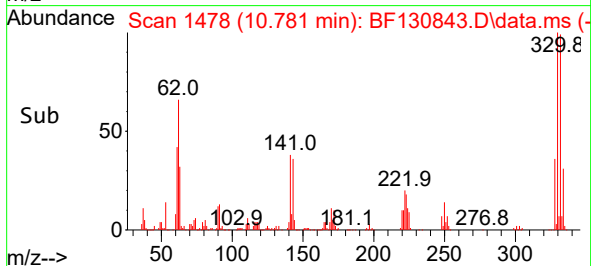
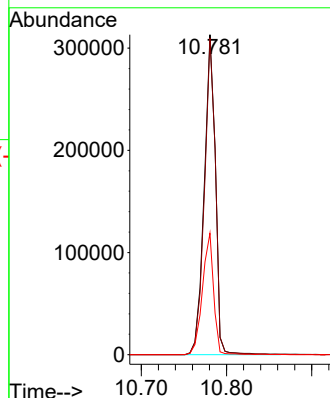
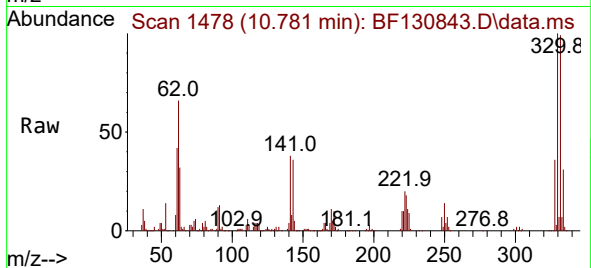
Tgt Ion:330 Resp: 285093

Ion Ratio Lower Upper

330 100

332 97.9 76.2 114.4

141 38.1 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 93.644 ng

RT: 9.310 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BF130843.D

Acq: 29 Oct 2022 01:29

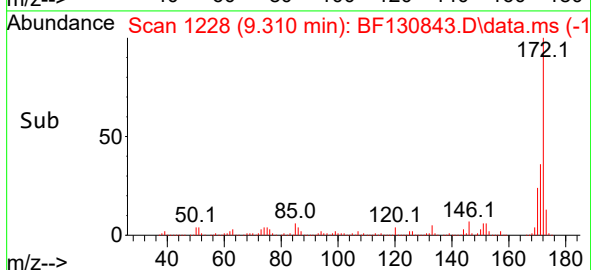
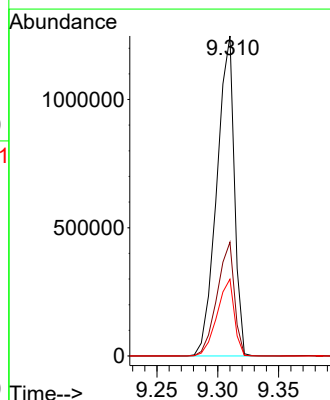
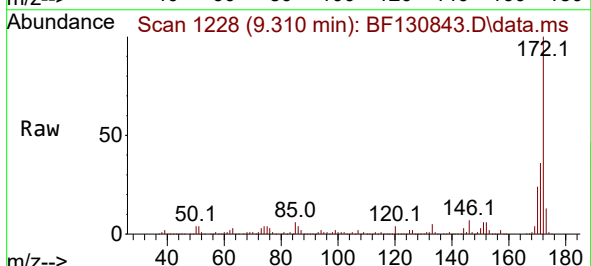
Tgt Ion:172 Resp: 1252687

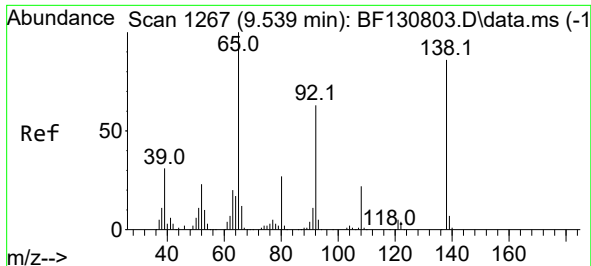
Ion Ratio Lower Upper

172 100

171 35.6 28.1 42.1

170 24.0 19.0 28.4

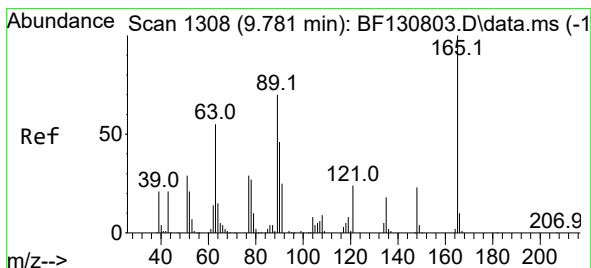
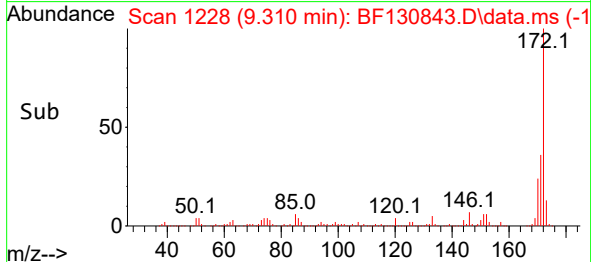
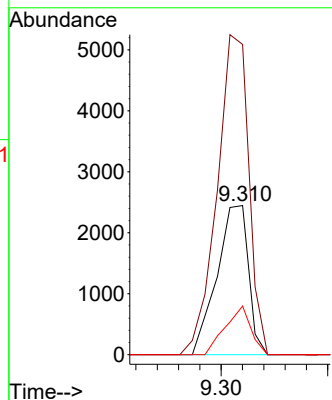
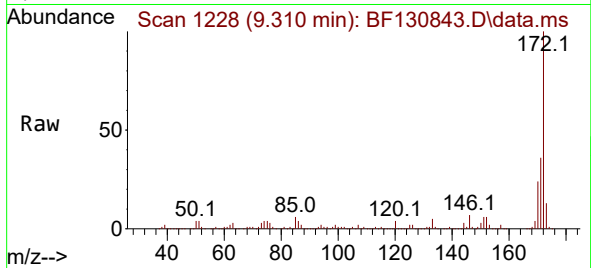




#48
2-Nitroaniline
Concen: 4.765 ng
RT: 9.310 min Scan# 11
Delta R.T. -0.223 min
Lab File: BF130843.D
Acq: 29 Oct 2022 01:29

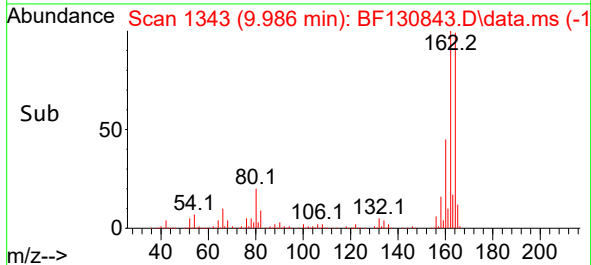
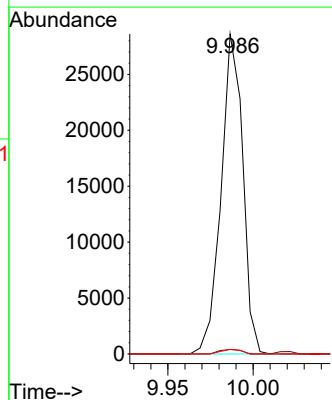
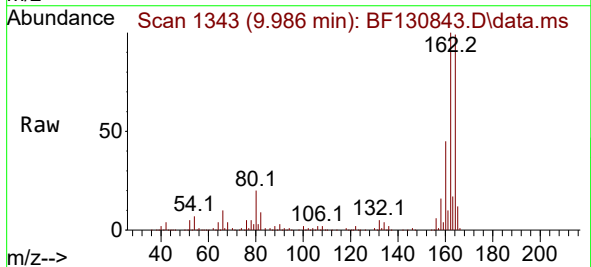
Instrument :
BNA_F
ClientSampleId :
MH-1-WC

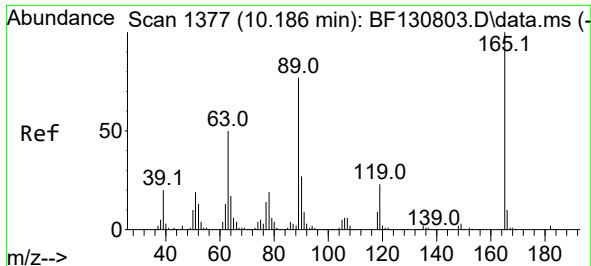
Tgt Ion: 65 Resp: 2512
Ion Ratio Lower Upper
65 100
92 208.1 50.1 75.1#
138 32.6 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 11.819 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.212 min
Lab File: BF130843.D
Acq: 29 Oct 2022 01:29

Tgt Ion: 165 Resp: 25317
Ion Ratio Lower Upper
165 100
63 1.4 61.8 92.8#
89 1.5 56.2 84.4#

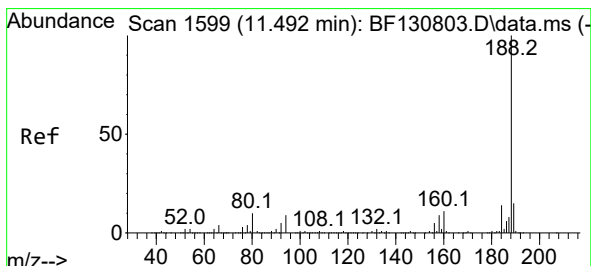
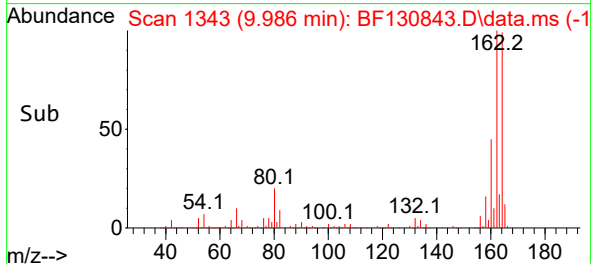
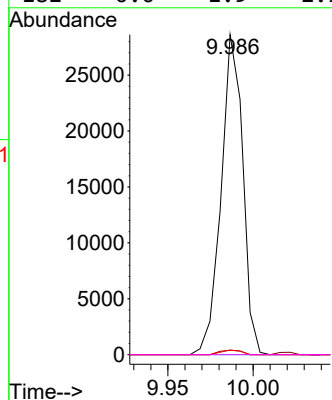
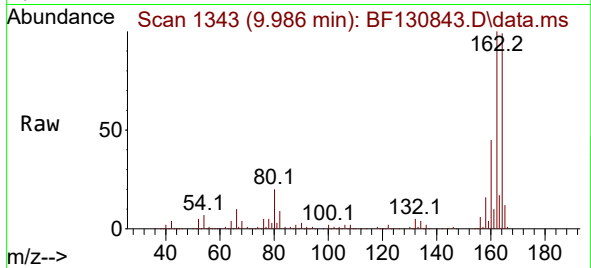




#57
2,4-Dinitrotoluene
Concen: 10.748 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF130843.D
Acq: 29 Oct 2022 01:29

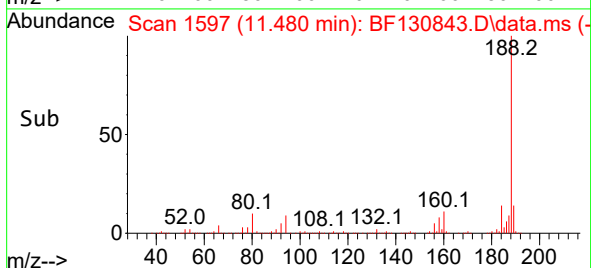
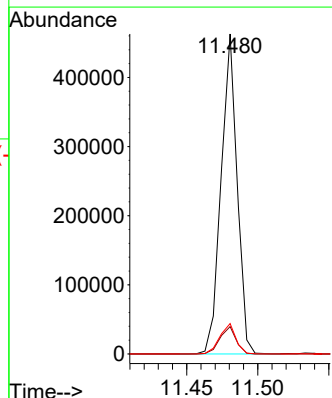
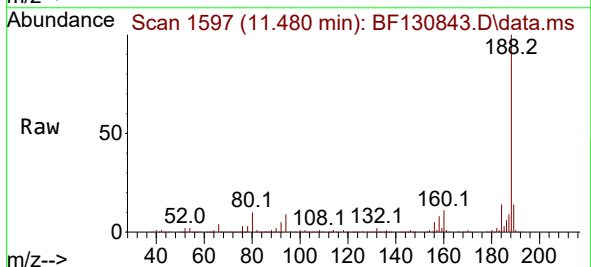
Instrument :
BNA_F
ClientSampleId :
MH-1-WC

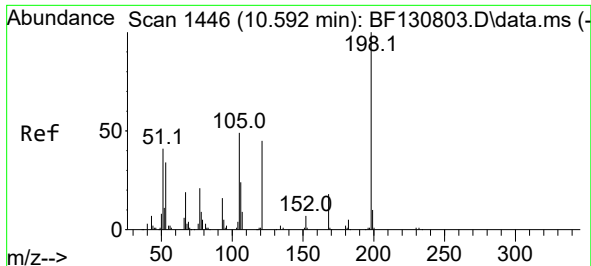
Tgt Ion:165 Resp: 25317
Ion Ratio Lower Upper
165 100
63 1.4 39.8 59.6#
89 1.5 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BF130843.D
Acq: 29 Oct 2022 01:29

Tgt Ion:188 Resp: 362334
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 9.5 8.0 12.0

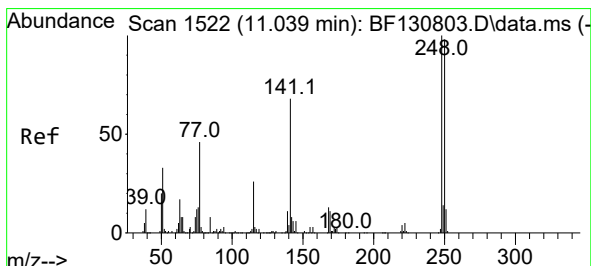
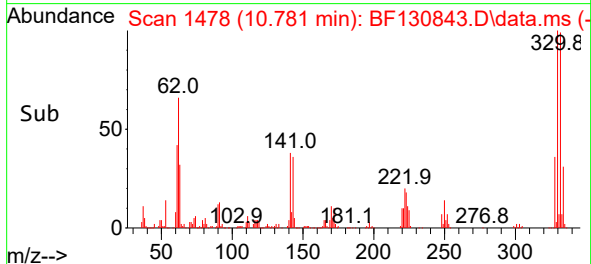
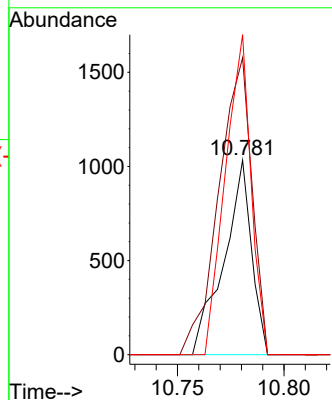
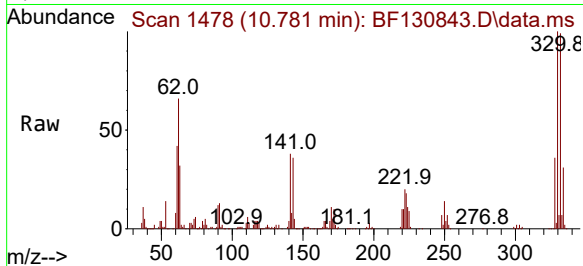




#65
4,6-Dinitro-2-methylphenol
Concen: 8.444 ng
RT: 10.781 min Scan# 1446
Delta R.T. 0.194 min
Lab File: BF130843.D
Acq: 29 Oct 2022 01:29

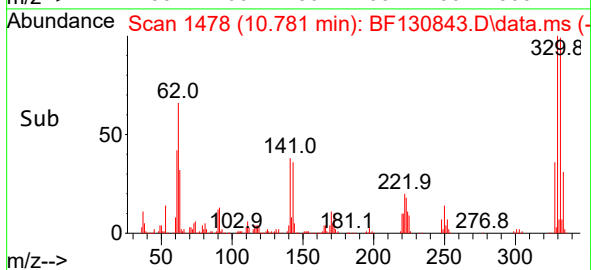
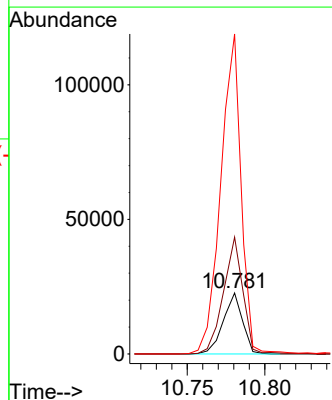
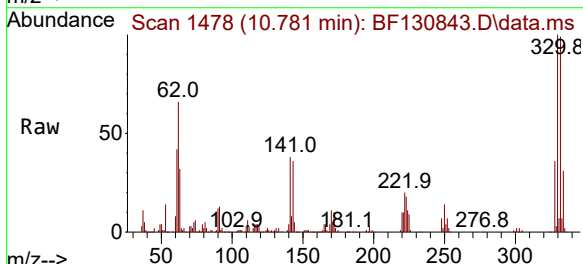
Instrument :
BNA_F
ClientSampleId :
MH-1-WC

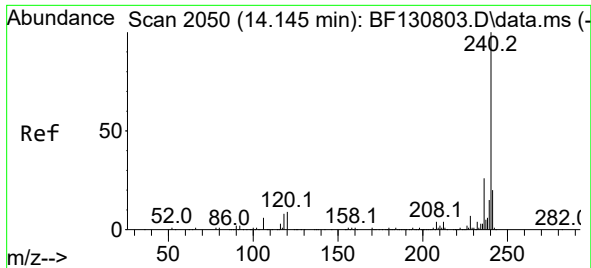
Tgt Ion:198 Resp: 935
Ion Ratio Lower Upper
198 100
51 152.6 39.0 79.0#
105 164.4 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 5.389 ng
RT: 10.781 min Scan# 1478
Delta R.T. -0.247 min
Lab File: BF130843.D
Acq: 29 Oct 2022 01:29

Tgt Ion:248 Resp: 19637
Ion Ratio Lower Upper
248 100
250 191.5 78.6 117.8#
141 524.6 54.2 81.4#

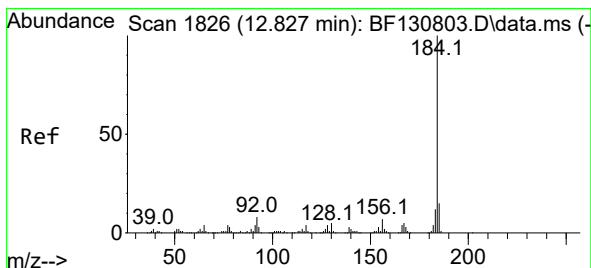
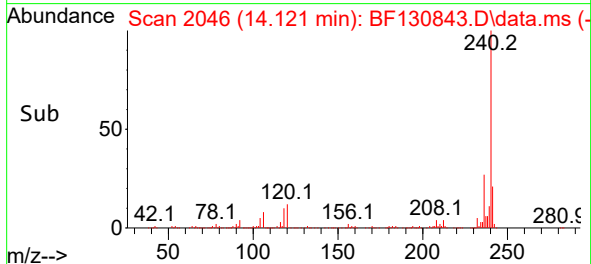
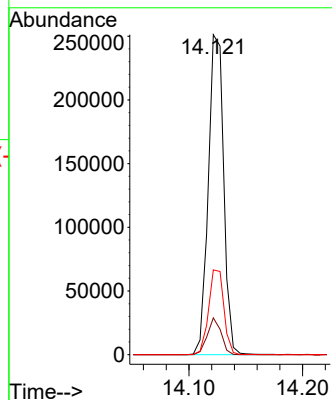
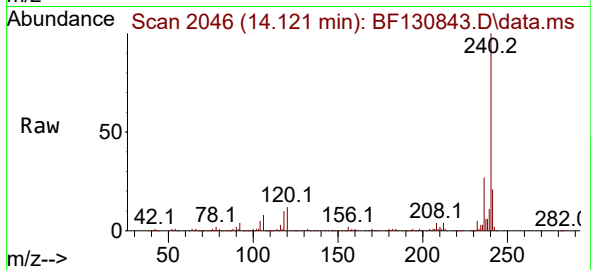




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2050
Delta R.T. -0.012 min
Lab File: BF130843.D
Acq: 29 Oct 2022 01:29

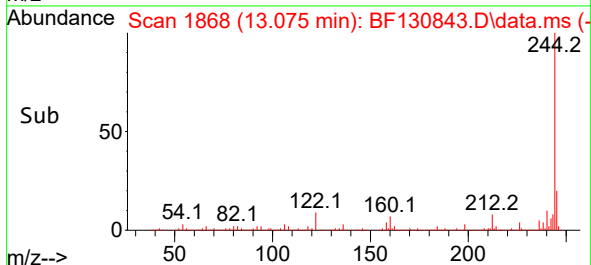
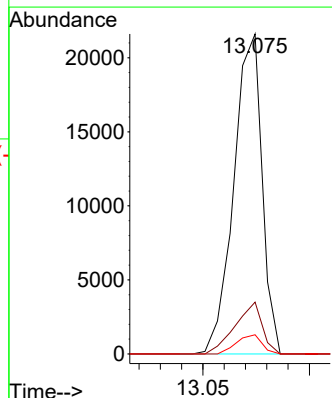
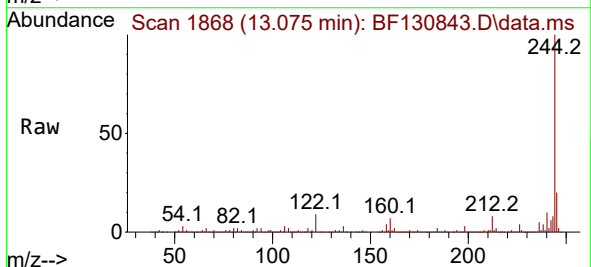
Instrument :
BNA_F
ClientSampleId :
MH-1-WC

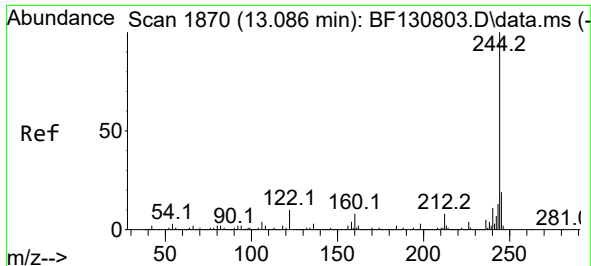
Tgt Ion:240 Resp: 235907
Ion Ratio Lower Upper
240 100
120 11.5 7.0 10.4#
236 26.5 20.5 30.7



#77
Benzidine
Concen: 3.482 ng
RT: 13.075 min Scan# 1868
Delta R.T. 0.253 min
Lab File: BF130843.D
Acq: 29 Oct 2022 01:29

Tgt Ion:184 Resp: 19942
Ion Ratio Lower Upper
184 100
185 16.2 11.8 17.8
183 6.0 9.7 14.5#

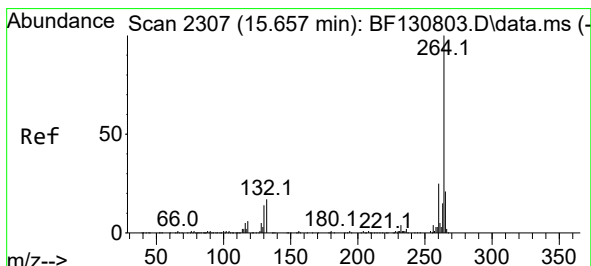
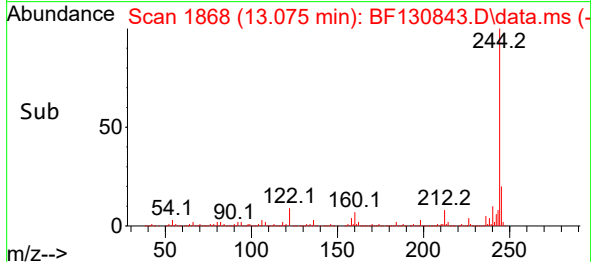
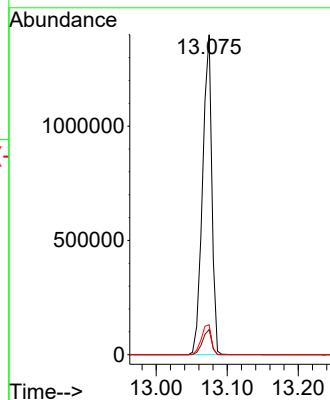
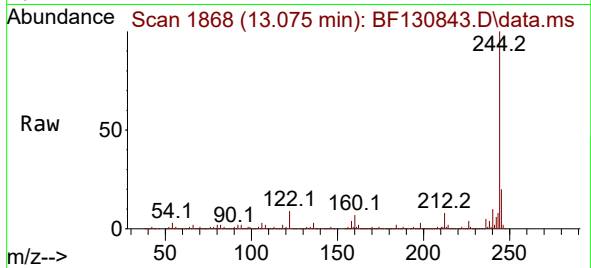




#79
 Terphenyl-d14
 Concen: 98.776 ng
 RT: 13.075 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: BF130843.D
 Acq: 29 Oct 2022 01:29

Instrument :
 BNA_F
 ClientSampleId :
 MH-1-WC

Tgt Ion:244 Resp: 1271630
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 9.4 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 2304
 Delta R.T. -0.006 min
 Lab File: BF130843.D
 Acq: 29 Oct 2022 01:29

Tgt Ion:264 Resp: 183631
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.9 29.9
 265 20.6 17.0 25.6

