

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
 Data File : BF130834.D
 Acq On : 28 Oct 2022 20:58
 Operator : CG\JU
 Sample : N5281-02RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Quant Time: Oct 29 05:46:30 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)

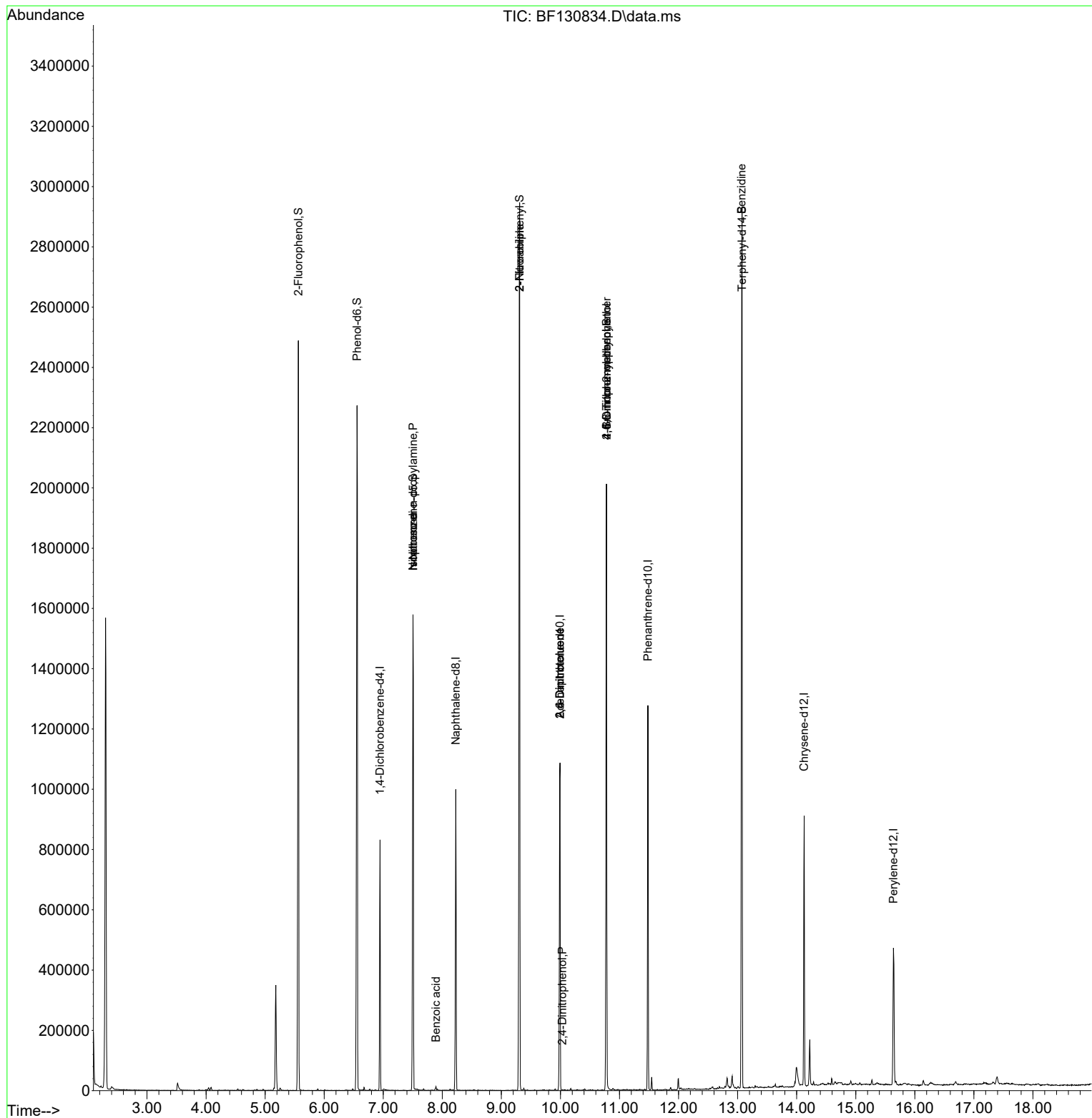
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	107100	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	419619	20.000	ng	0.00
39) Acenaphthene-d10	9.992	164	231087	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	419714	20.000	ng	0.00
76) Chrysene-d12	14.127	240	284185	20.000	ng	0.00
86) Perylene-d12	15.639	264	205459	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	632020	102.304	ng	0.00
7) Phenol-d6	6.557	99	821946	102.383	ng	0.00
23) Nitrobenzene-d5	7.504	82	541806	77.857	ng	-0.01
42) 2,4,6-Tribromophenol	10.780	330	209153	107.518	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	1011046	66.148	ng	0.00
79) Terphenyl-d14	13.074	244	1013629	65.360	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	74351	13.612	ng	# 81
25) Isophorone	7.504	82	541737	37.751	ng	# 66
32) Benzoic acid	7.892	122	2966	8.267	ng	# 85
48) 2-Nitroaniline	9.310	65	2225	4.626	ng	# 7
51) 2,6-Dinitrotoluene	9.992	165	29366	11.956	ng	# 14
54) 2,4-Dinitrophenol	10.033	184	150	4.307	ng	# 76
57) 2,4-Dinitrotoluene	9.992	165	29366	10.855	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.780	198	485	8.159	ng	# 1
67) 4-Bromophenyl-phenylether	10.780	248	13993	3.315	ng	# 1
77) Benzidine	13.068	184	16233	2.353	ng	# 89

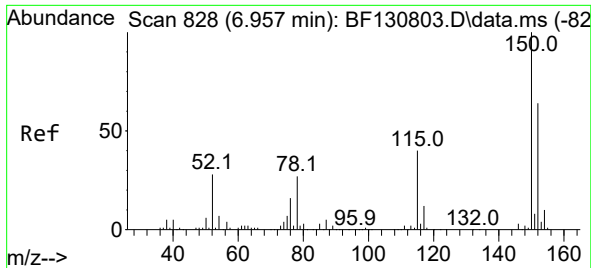
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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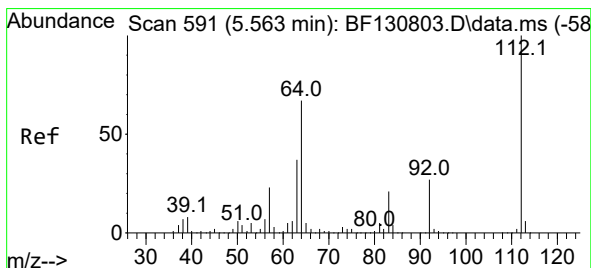
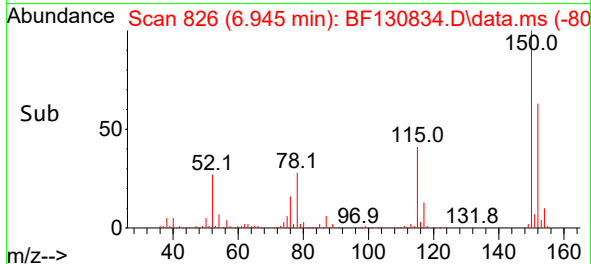
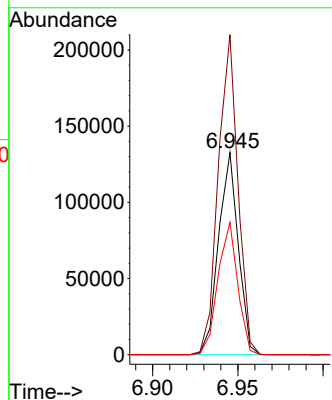
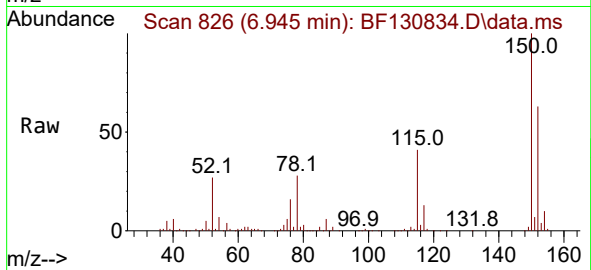




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130834.D
Acq: 28 Oct 2022 20:58

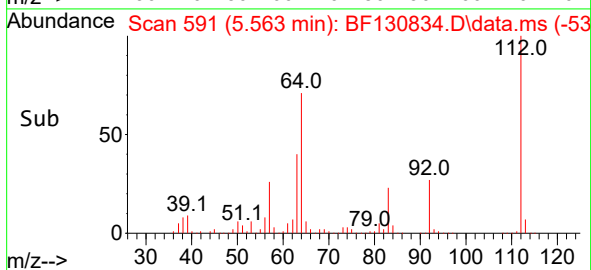
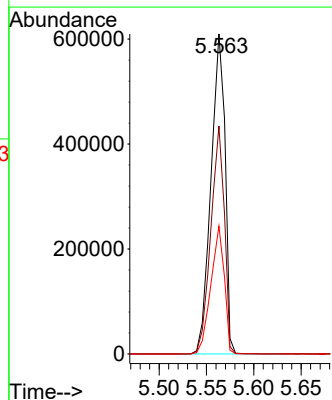
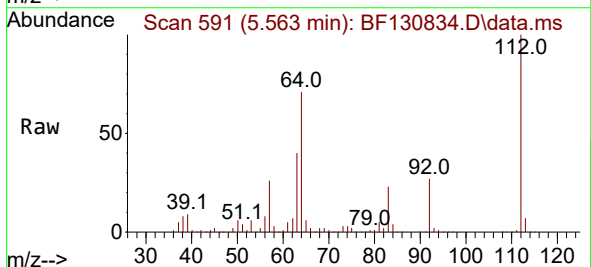
Instrument :
BNA_F
ClientSampleId :
SB-2

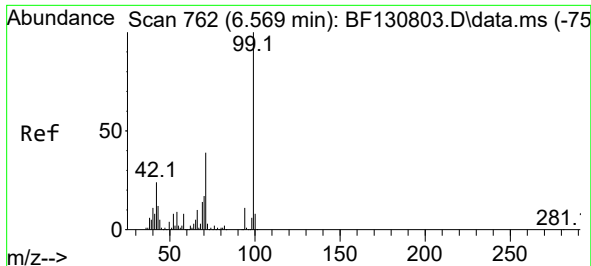
Tgt Ion:152 Resp: 107100
Ion Ratio Lower Upper
152 100
150 158.4 124.1 186.1
115 65.5 50.1 75.1



#5
2-Fluorophenol
Concen: 102.304 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.006 min
Lab File: BF130834.D
Acq: 28 Oct 2022 20:58

Tgt Ion:112 Resp: 632020
Ion Ratio Lower Upper
112 100
64 71.2 53.9 80.9
63 39.9 29.4 44.2

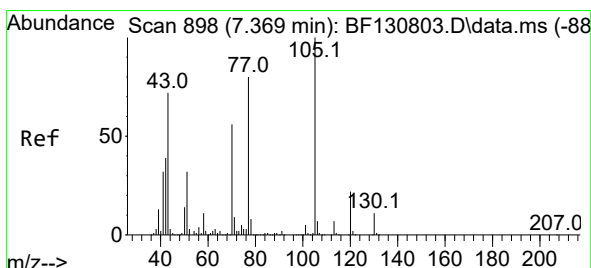
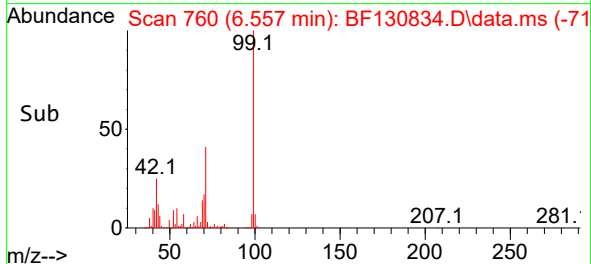
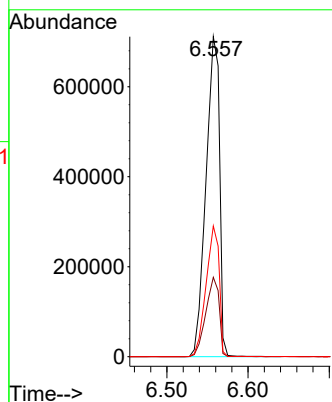
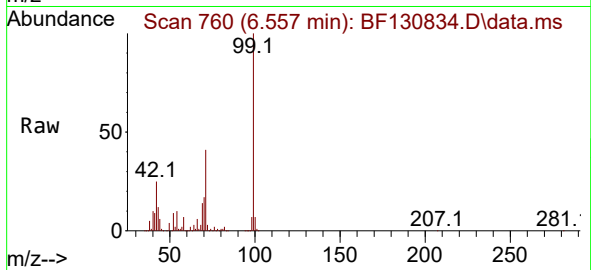




#7
Phenol-d6
Concen: 102.383 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130834.D
Acq: 28 Oct 2022 20:58

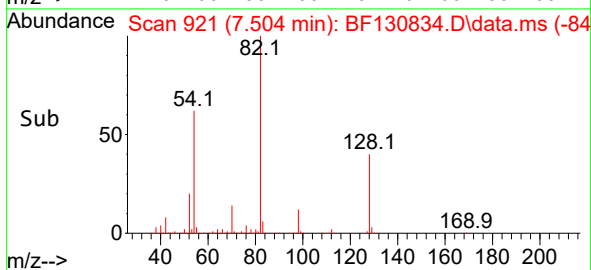
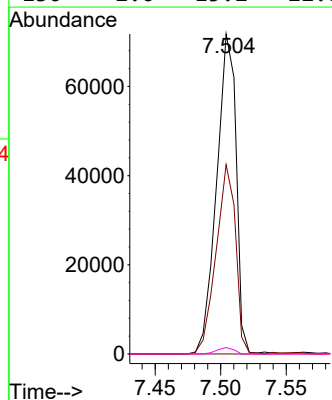
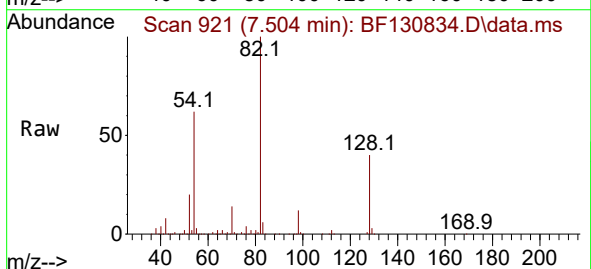
Instrument :
BNA_F
ClientSampleId :
SB-2

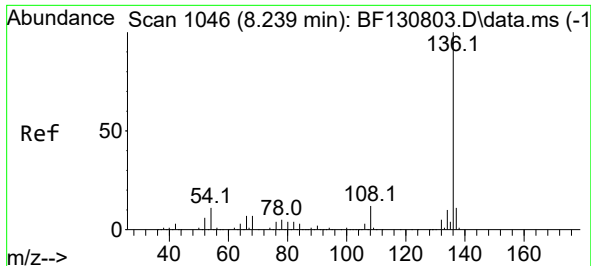
Tgt Ion: 99 Resp: 821946
Ion Ratio Lower Upper
99 100
42 24.8 18.8 28.2
71 40.9 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.612 ng
RT: 7.504 min Scan# 921
Delta R.T. 0.141 min
Lab File: BF130834.D
Acq: 28 Oct 2022 20:58

Tgt Ion: 70 Resp: 74351
Ion Ratio Lower Upper
70 100
42 59.1 56.1 84.1
101 0.0 7.3 10.9#
130 2.0 15.2 22.8#



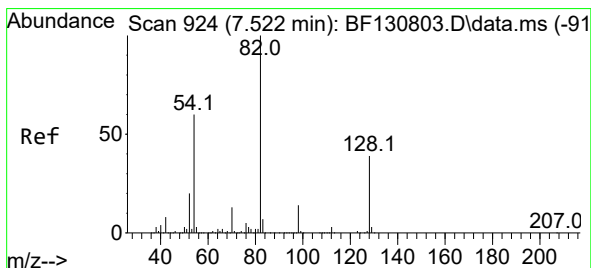
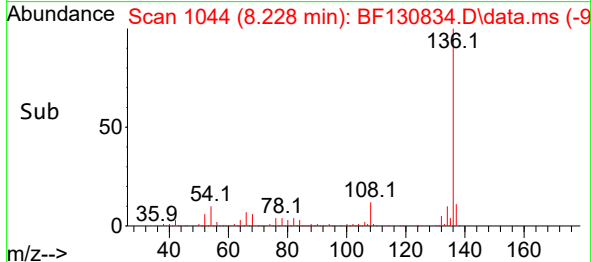
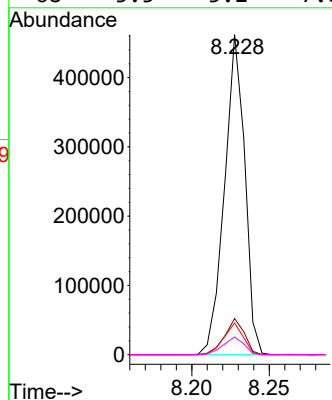
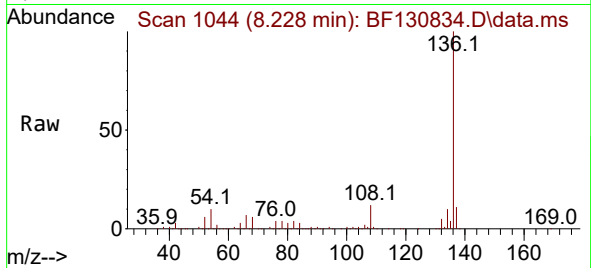


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF130834.D
Acq: 28 Oct 2022 20:58

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion:136 Resp: 419619

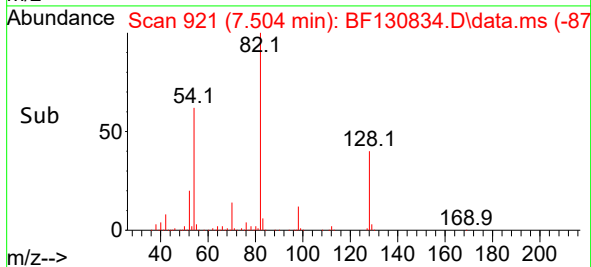
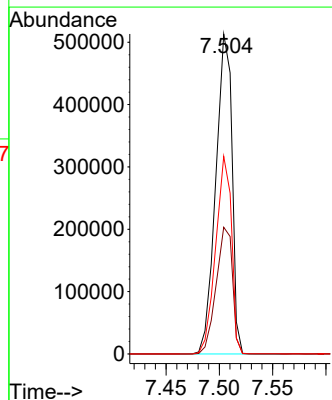
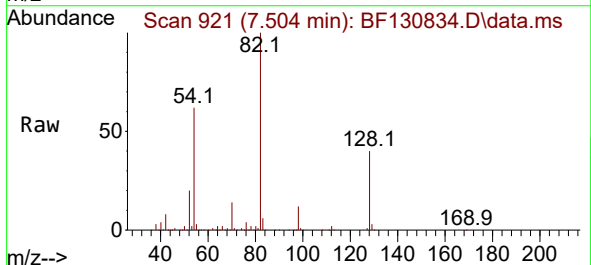
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	9.9	8.8	13.2
68	5.5	5.2	7.8

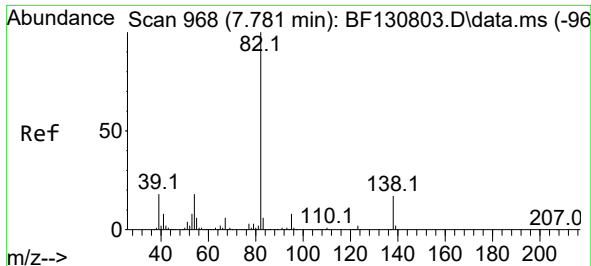


#23
Nitrobenzene-d5
Concen: 77.857 ng
RT: 7.504 min Scan# 921
Delta R.T. -0.012 min
Lab File: BF130834.D
Acq: 28 Oct 2022 20:58

Tgt Ion: 82 Resp: 541806

Ion	Ratio	Lower	Upper
82	100		
128	39.6	31.2	46.8
54	61.8	48.0	72.0

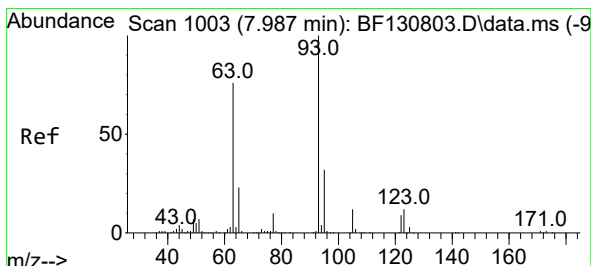
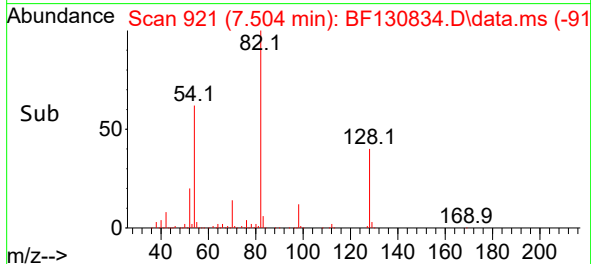
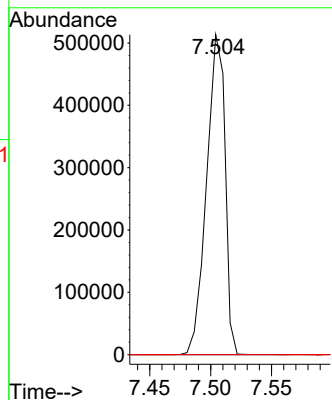
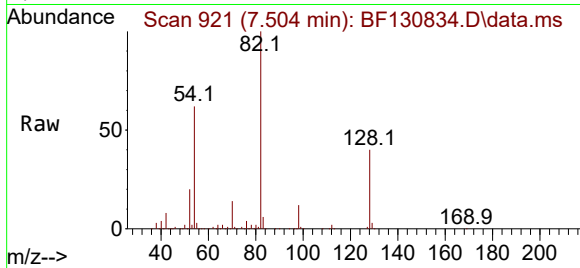




#25
Isophorone
Concen: 37.751 ng
RT: 7.504 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130834.D
Acq: 28 Oct 2022 20:58

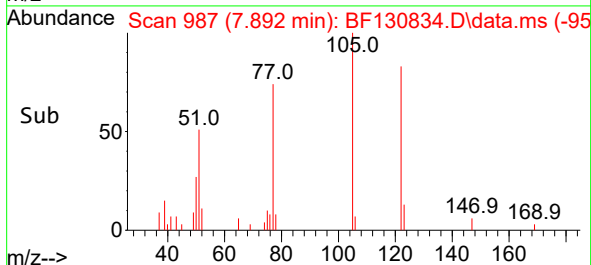
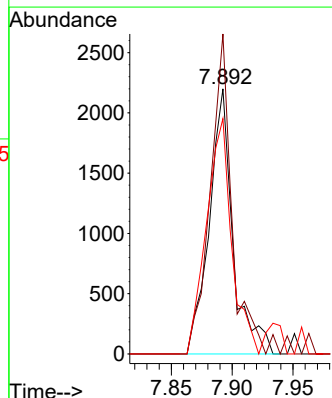
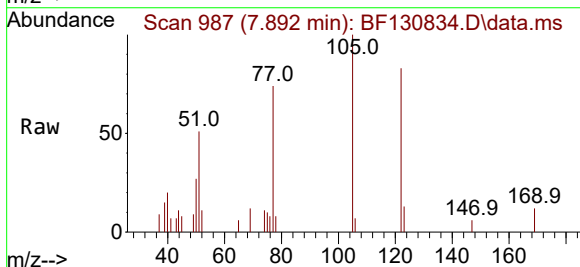
Instrument :
BNA_F
ClientSampleId :
SB-2

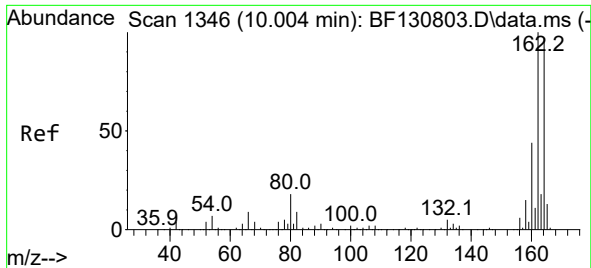
Tgt Ion: 82 Resp: 541737
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 8.267 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.094 min
Lab File: BF130834.D
Acq: 28 Oct 2022 20:58

Tgt Ion: 122 Resp: 2966
Ion Ratio Lower Upper
122 100
105 120.7 114.5 154.5
77 88.8 89.8 129.8#

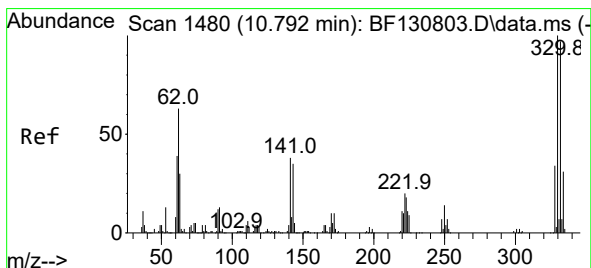
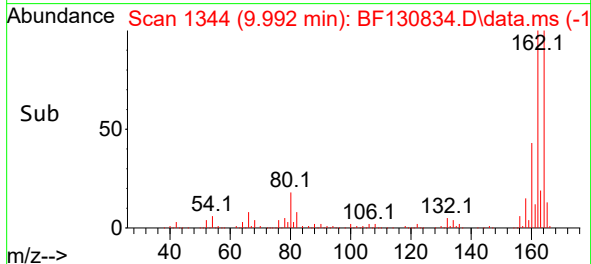
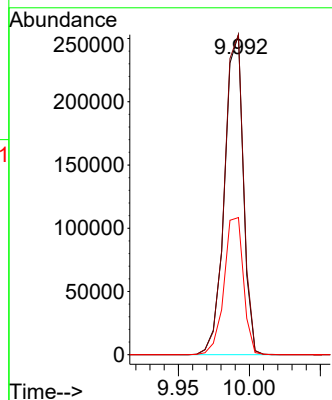
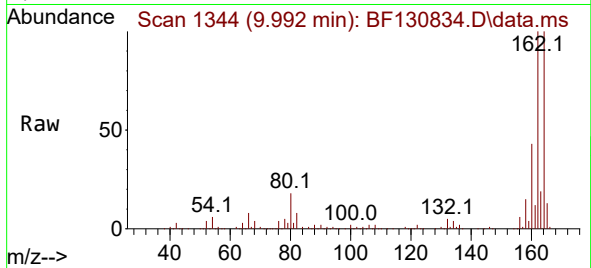




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130834.D
Acq: 28 Oct 2022 20:58

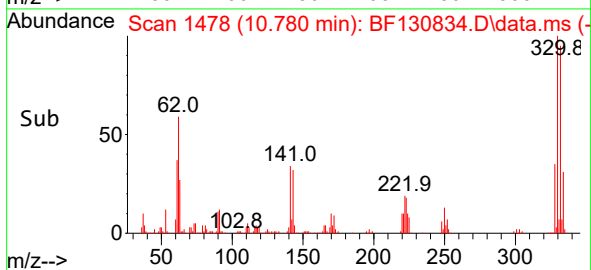
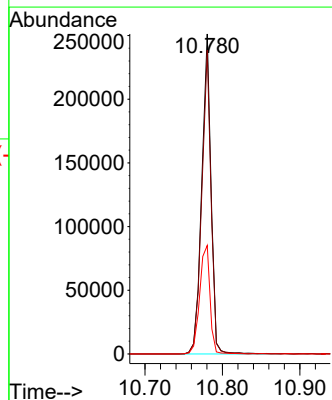
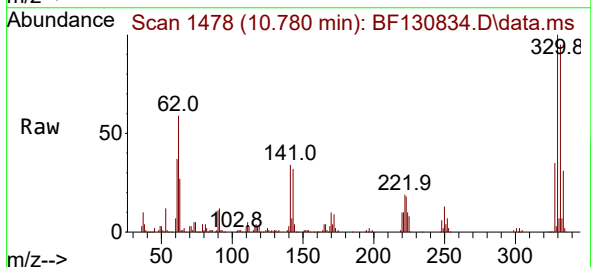
Instrument :
BNA_F
ClientSampleId :
SB-2

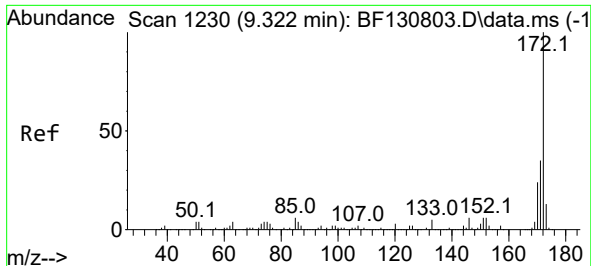
Tgt Ion:164 Resp: 231087
Ion Ratio Lower Upper
164 100
162 100.0 82.2 123.2
160 42.9 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 107.518 ng
RT: 10.780 min Scan# 1478
Delta R.T. -0.006 min
Lab File: BF130834.D
Acq: 28 Oct 2022 20:58

Tgt Ion:330 Resp: 209153
Ion Ratio Lower Upper
330 100
332 94.6 76.2 114.4
141 37.8 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 66.148 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF130834.D

Acq: 28 Oct 2022 20:58

Instrument :

BNA_F

ClientSampleId :

SB-2

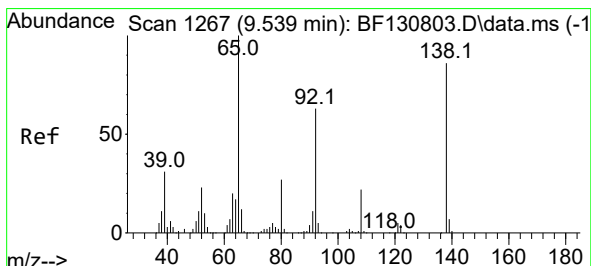
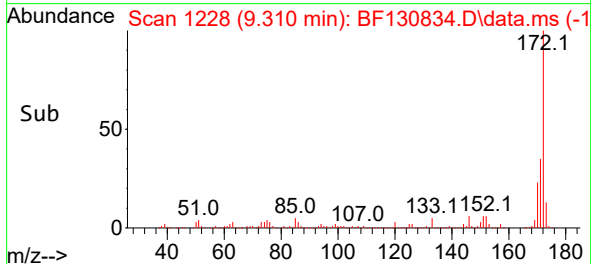
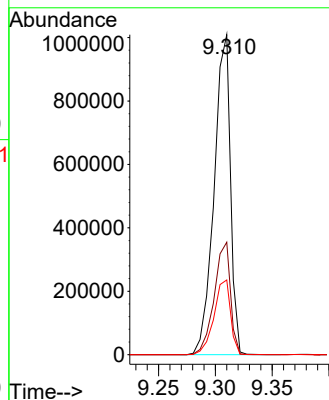
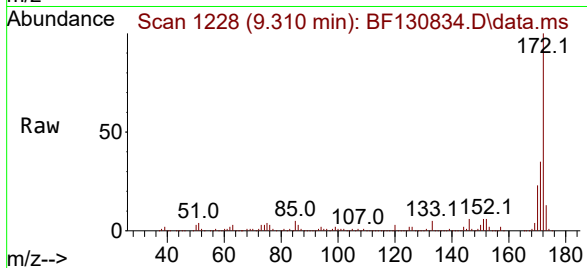
Tgt Ion:172 Resp: 1011046

Ion Ratio Lower Upper

172 100

171 35.2 28.1 42.1

170 23.4 19.0 28.4



#48

2-Nitroaniline

Concen: 4.626 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.224 min

Lab File: BF130834.D

Acq: 28 Oct 2022 20:58

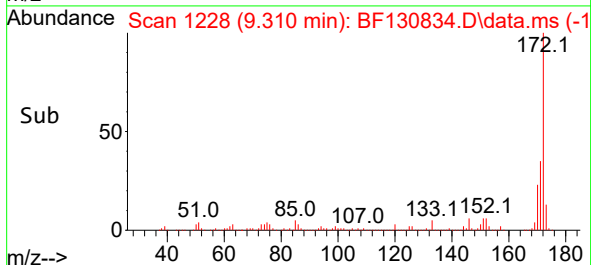
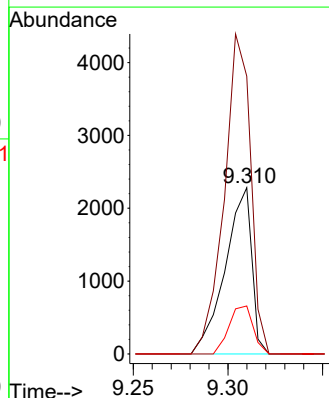
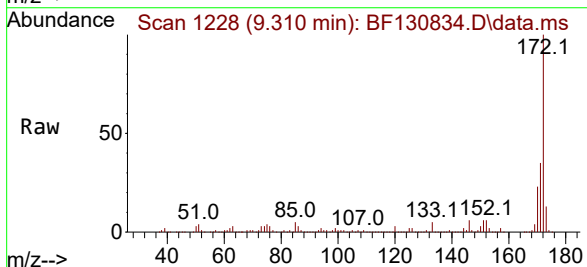
Tgt Ion: 65 Resp: 2225

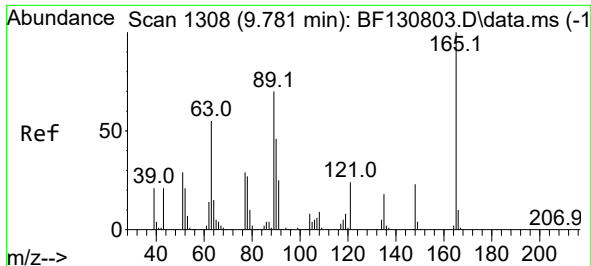
Ion Ratio Lower Upper

65 100

92 167.1 50.1 75.1#

138 28.9 69.2 103.8#

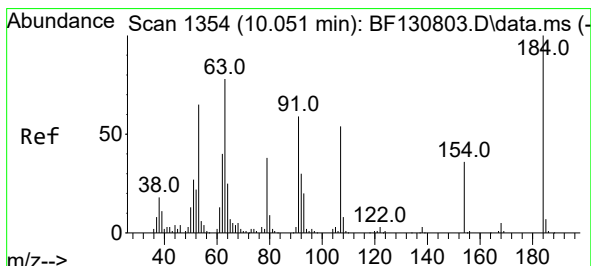
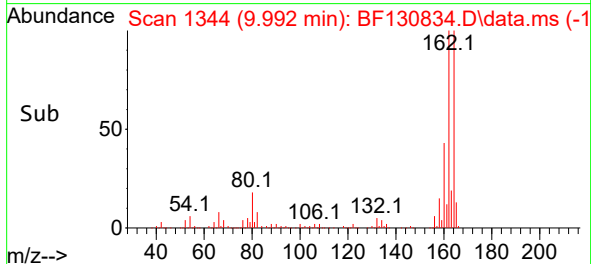
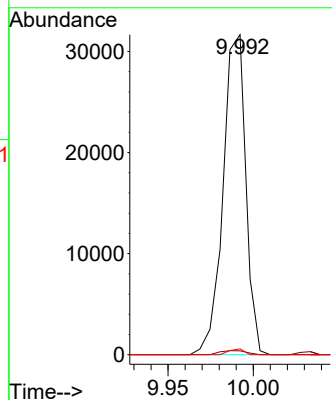
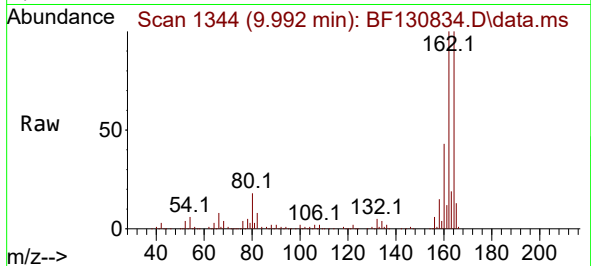




#51
2,6-Dinitrotoluene
Concen: 11.956 ng
RT: 9.992 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF130834.D
Acq: 28 Oct 2022 20:58

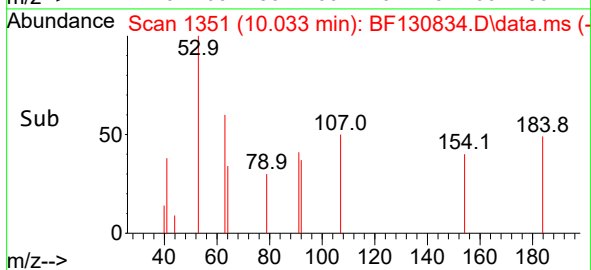
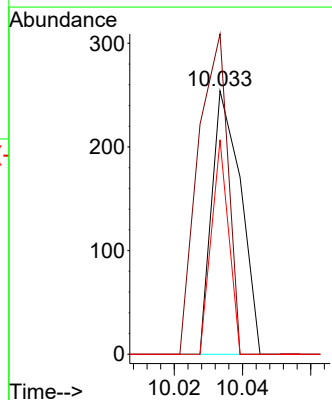
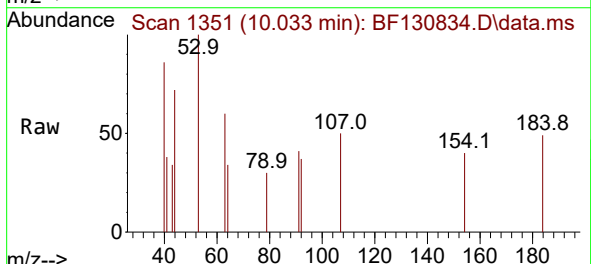
Instrument :
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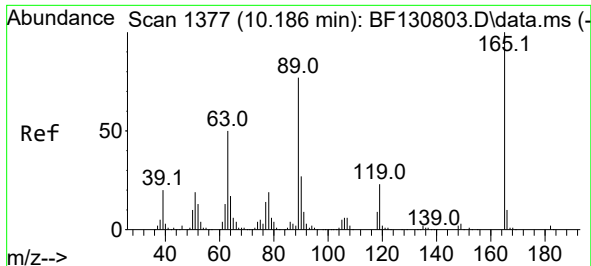
Tgt Ion:165 Resp: 29366
Ion Ratio Lower Upper
165 100
63 1.2 61.8 92.8#
89 1.8 56.2 84.4#



#54
2,4-Dinitrophenol
Concen: 4.307 ng
RT: 10.033 min Scan# 1351
Delta R.T. -0.012 min
Lab File: BF130834.D
Acq: 28 Oct 2022 20:58

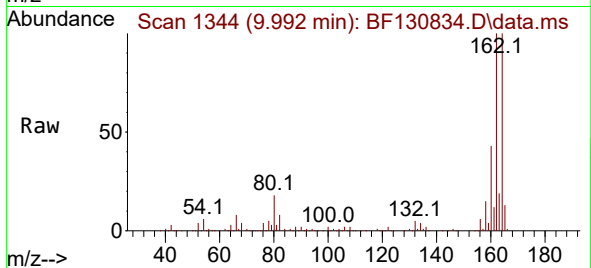
Tgt Ion:184 Resp: 150
Ion Ratio Lower Upper
184 100
63 121.7 66.7 100.1#
154 81.5 62.2 93.2



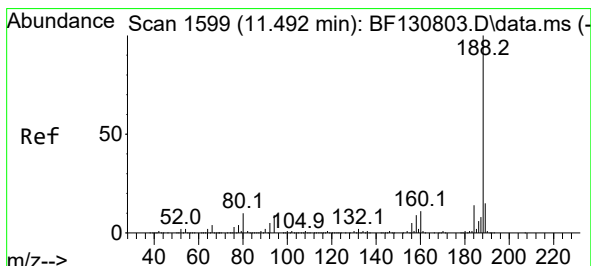
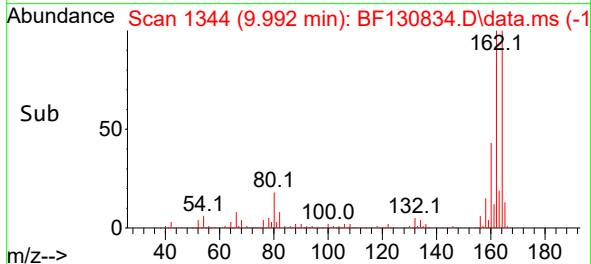
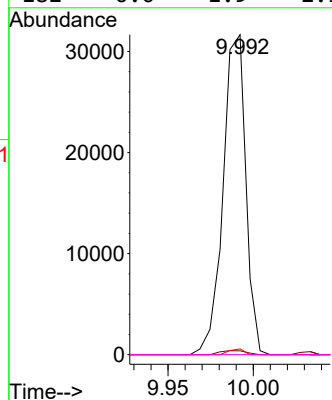


#57
2,4-Dinitrotoluene
Concen: 10.855 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF130834.D
Acq: 28 Oct 2022 20:58

Instrument :
BNA_F
ClientSampleId :
SB-2

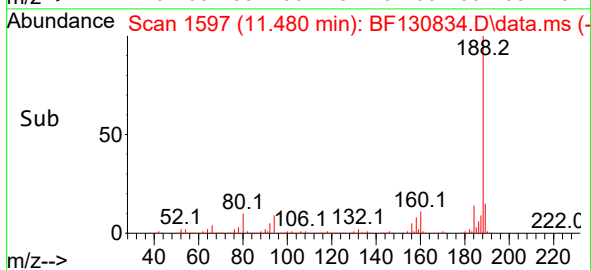
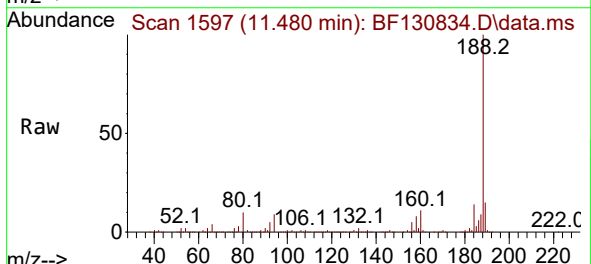
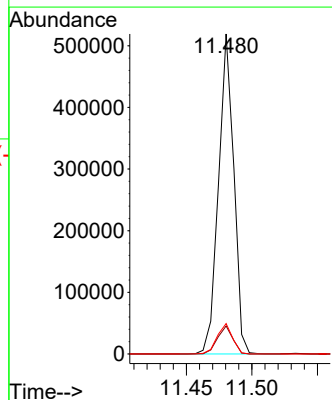


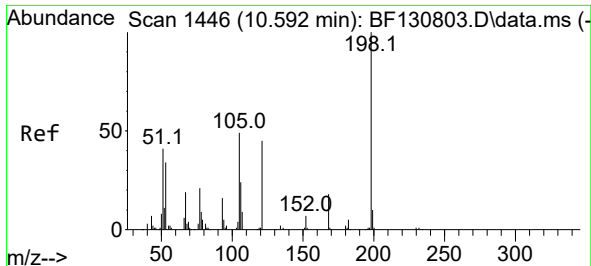
Tgt Ion:165 Resp: 29366
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.8 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BF130834.D
Acq: 28 Oct 2022 20:58

Tgt Ion:188 Resp: 419714
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.5 8.0 12.0

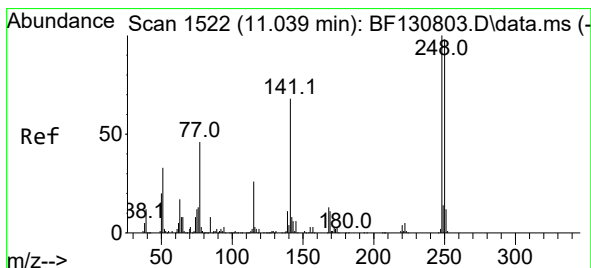
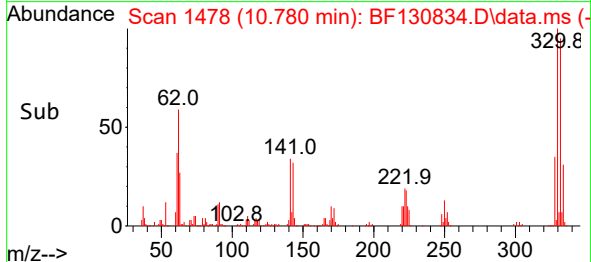
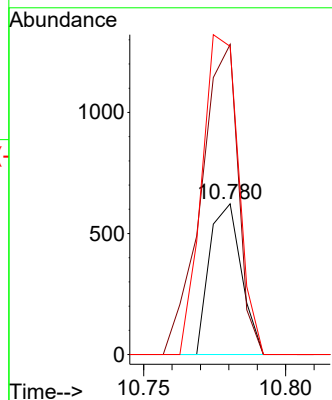
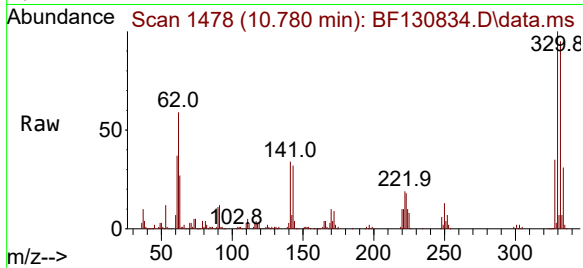




#65
4,6-Dinitro-2-methylphenol
Concen: 8.159 ng
RT: 10.780 min Scan# 1446
Delta R.T. 0.194 min
Lab File: BF130834.D
Acq: 28 Oct 2022 20:58

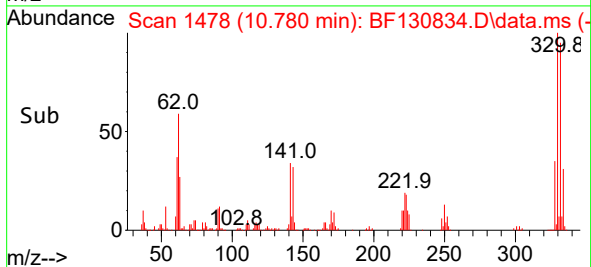
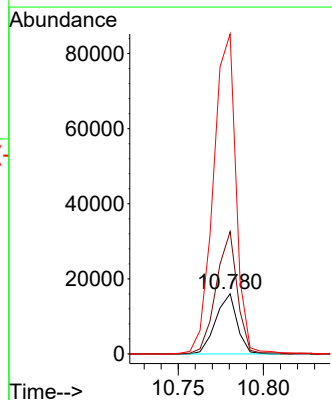
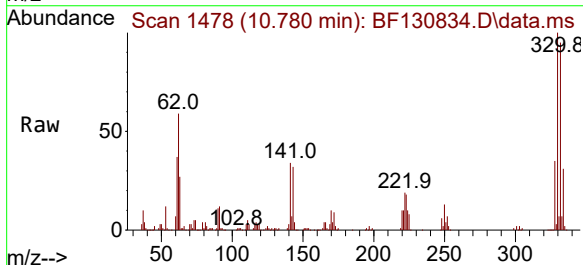
Instrument :
BNA_F
ClientSampleId :
SB-2

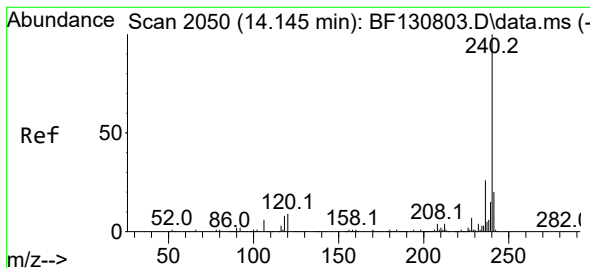
Tgt Ion:198 Resp: 485
Ion Ratio Lower Upper
198 100
51 205.6 39.0 79.0#
105 204.3 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.315 ng
RT: 10.780 min Scan# 1478
Delta R.T. -0.247 min
Lab File: BF130834.D
Acq: 28 Oct 2022 20:58

Tgt Ion:248 Resp: 13993
Ion Ratio Lower Upper
248 100
250 203.4 78.6 117.8#
141 531.7 54.2 81.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.127 min Scan# 2047

Delta R.T. -0.006 min

Lab File: BF130834.D

Acq: 28 Oct 2022 20:58

Instrument :

BNA_F

ClientSampleId :

SB-2

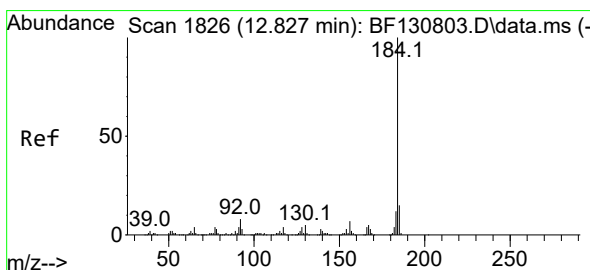
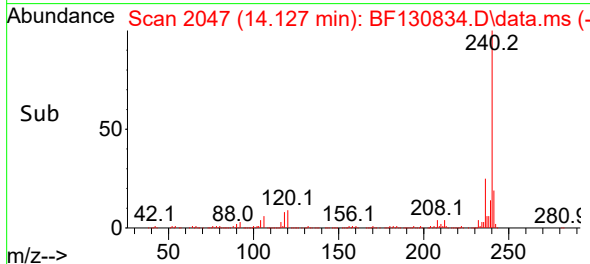
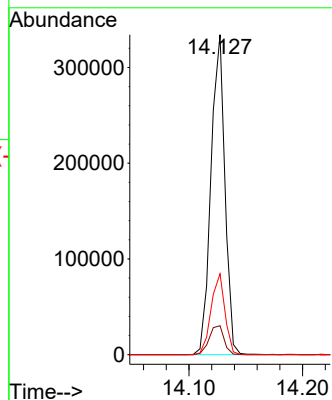
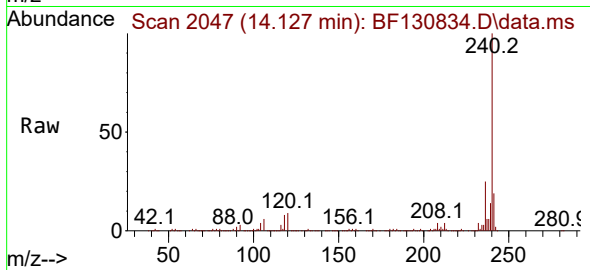
Tgt Ion:240 Resp: 284185

Ion Ratio Lower Upper

240 100

120 9.0 7.0 10.4

236 25.3 20.5 30.7



#77

Benzidine

Concen: 2.353 ng

RT: 13.068 min Scan# 1867

Delta R.T. 0.247 min

Lab File: BF130834.D

Acq: 28 Oct 2022 20:58

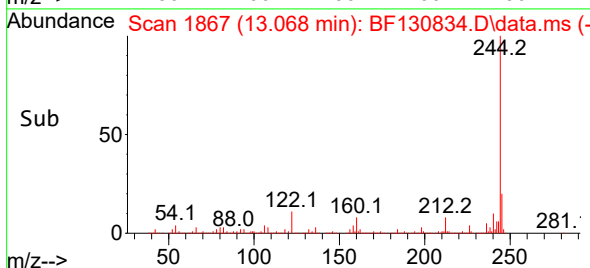
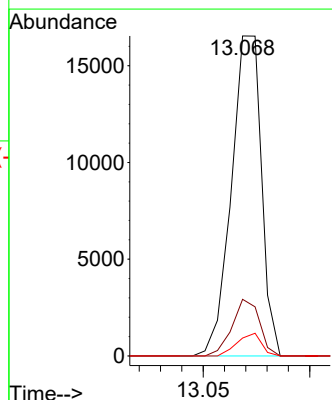
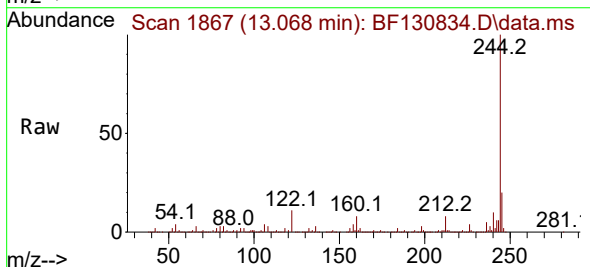
Tgt Ion:184 Resp: 16233

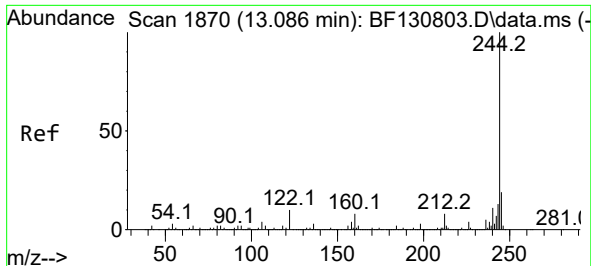
Ion Ratio Lower Upper

184 100

185 17.7 11.8 17.8

183 5.6 9.7 14.5#

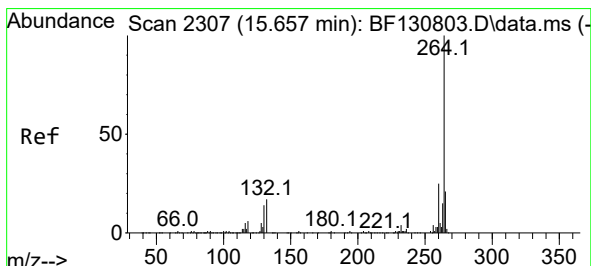
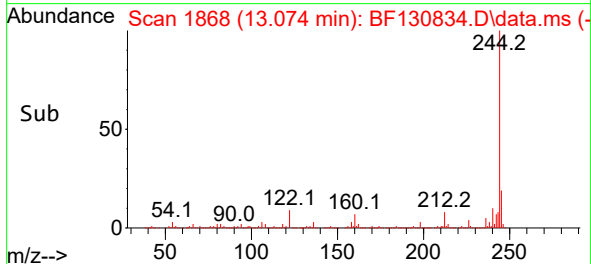
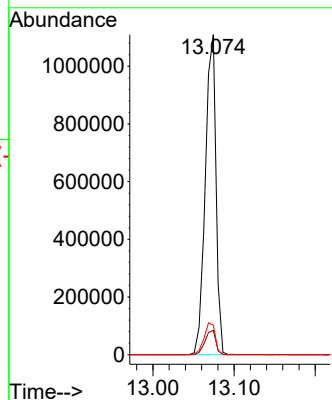
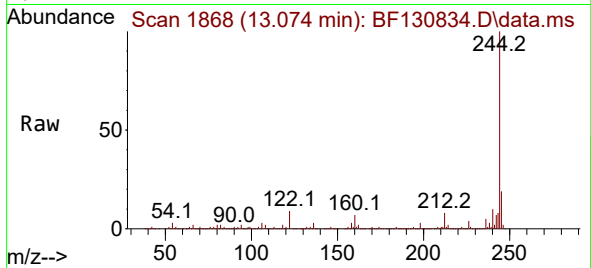




#79
 Terphenyl-d14
 Concen: 65.360 ng
 RT: 13.074 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: BF130834.D
 Acq: 28 Oct 2022 20:58

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Tgt Ion:244 Resp: 1013629
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 9.2 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: BF130834.D
 Acq: 28 Oct 2022 20:58

Tgt Ion:264 Resp: 205459
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.9 29.9
 265 22.5 17.0 25.6

