

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
 Data File : BF130831.D
 Acq On : 28 Oct 2022 19:25
 Operator : CG\JU
 Sample : N5281-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12

Quant Time: Oct 29 05:45:17 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)

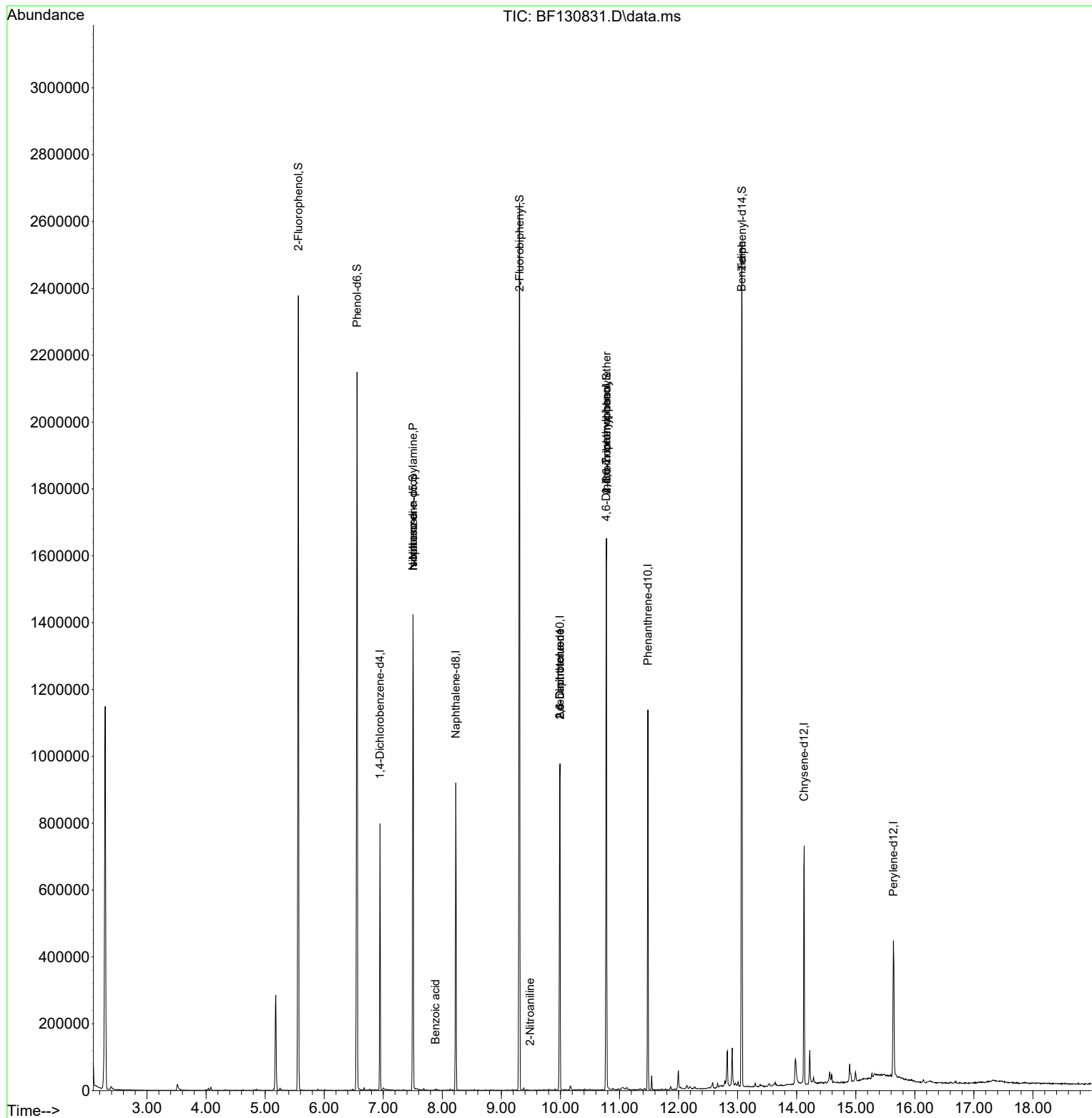
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	97239	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	374080	20.000	ng	0.00
39) Acenaphthene-d10	9.992	164	205116	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	361974	20.000	ng	0.00
76) Chrysene-d12	14.127	240	240680	20.000	ng	0.00
86) Perylene-d12	15.639	264	177292	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	568620	101.376	ng	0.00
7) Phenol-d6	6.557	99	728010	99.879	ng	0.00
23) Nitrobenzene-d5	7.504	82	454500	73.262	ng	-0.01
42) 2,4,6-Tribromophenol	10.780	330	186976	108.287	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	890363	65.627	ng	0.00
79) Terphenyl-d14	13.074	244	867510	66.049	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	63808	12.866	ng	# 79
25) Isophorone	7.504	82	454492	35.527	ng	# 66
32) Benzoic acid	7.886	122	771	7.851	ng	# 75
48) 2-Nitroaniline	9.486	65	57	4.161	ng	# 12
51) 2,6-Dinitrotoluene	9.992	165	25815	11.868	ng	# 14
57) 2,4-Dinitrotoluene	9.992	165	25815	10.786	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.775	198	495	8.201	ng	# 1
67) 4-Bromophenyl-phenylether	10.780	248	12320	3.384	ng	# 1
77) Benzidine	13.068	184	12851	2.200	ng	# 92

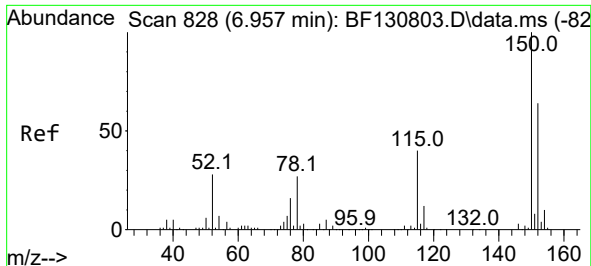
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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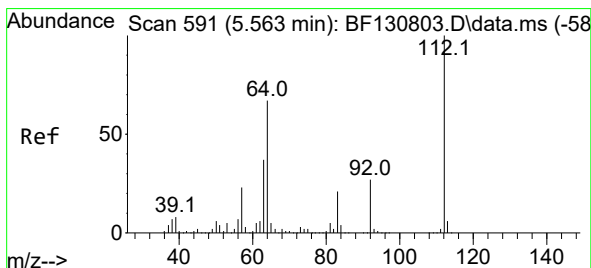
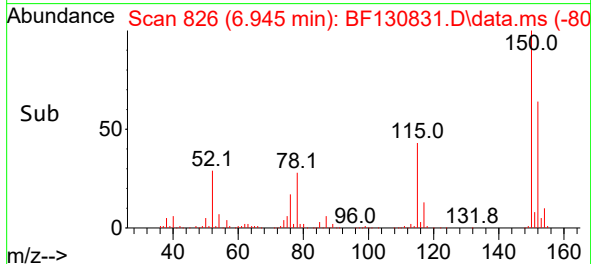
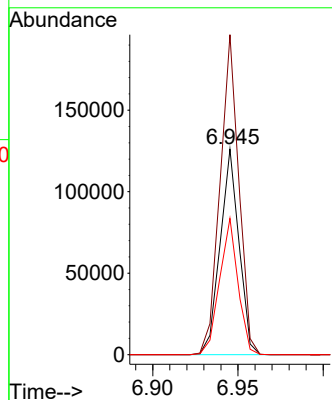
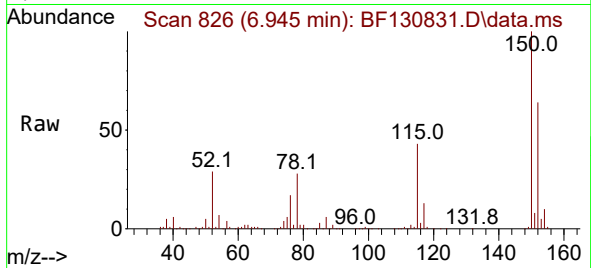




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130831.D
Acq: 28 Oct 2022 19:25

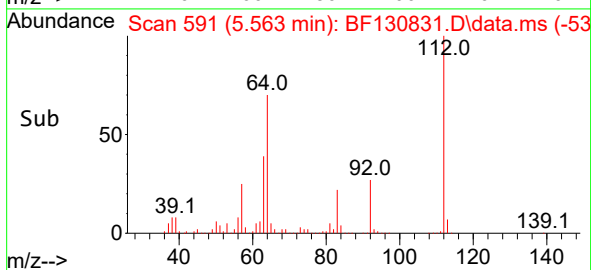
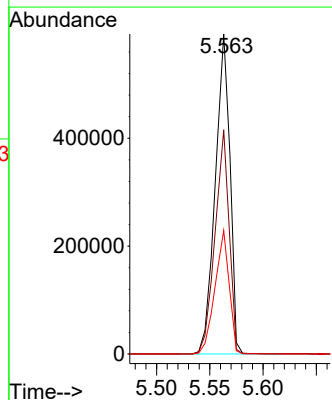
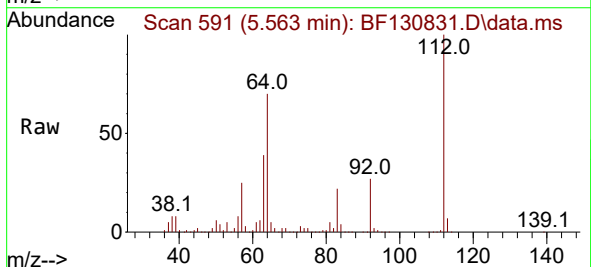
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BNA_F
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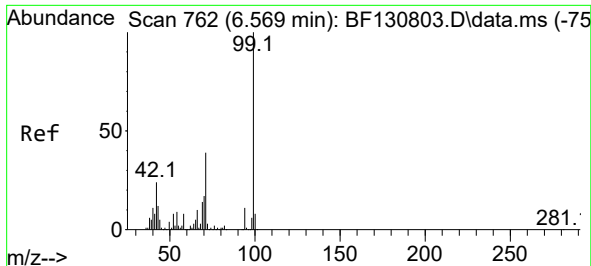
Tgt Ion:152 Resp: 97239
Ion Ratio Lower Upper
152 100
150 155.6 124.1 186.1
115 66.3 50.1 75.1



#5
2-Fluorophenol
Concen: 101.376 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.006 min
Lab File: BF130831.D
Acq: 28 Oct 2022 19:25

Tgt Ion:112 Resp: 568620
Ion Ratio Lower Upper
112 100
64 70.0 53.9 80.9
63 38.6 29.4 44.2

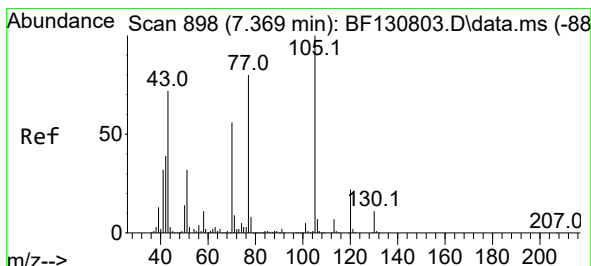
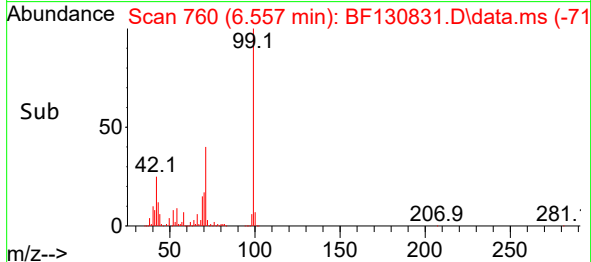
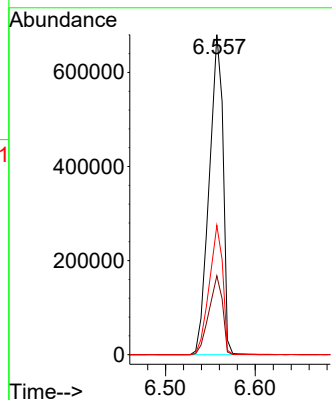
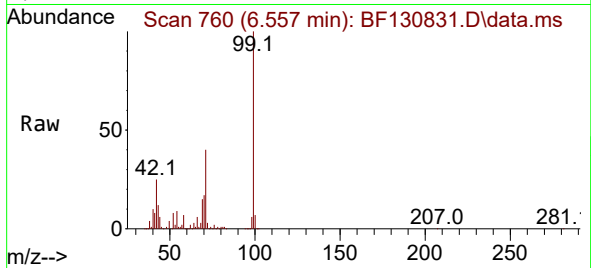




#7
Phenol-d6
Concen: 99.879 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130831.D
Acq: 28 Oct 2022 19:25

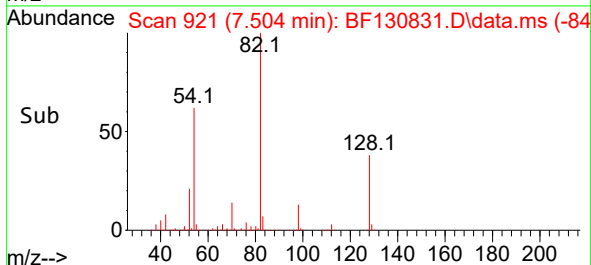
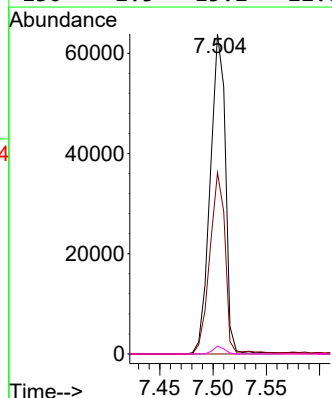
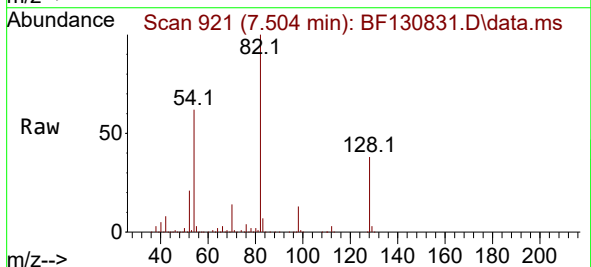
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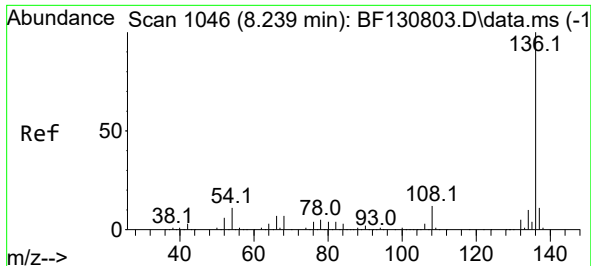
Tgt Ion: 99 Resp: 728010
Ion Ratio Lower Upper
99 100
42 24.6 18.8 28.2
71 40.4 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.866 ng
RT: 7.504 min Scan# 921
Delta R.T. 0.141 min
Lab File: BF130831.D
Acq: 28 Oct 2022 19:25

Tgt Ion: 70 Resp: 63808
Ion Ratio Lower Upper
70 100
42 56.6 56.1 84.1
101 0.0 7.3 10.9#
130 2.5 15.2 22.8#

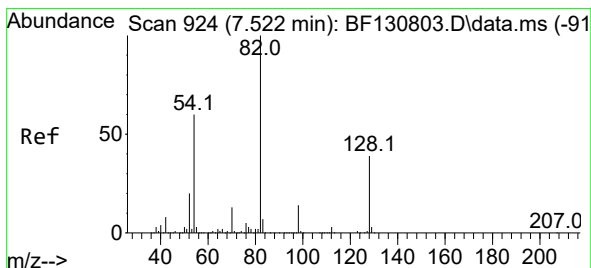
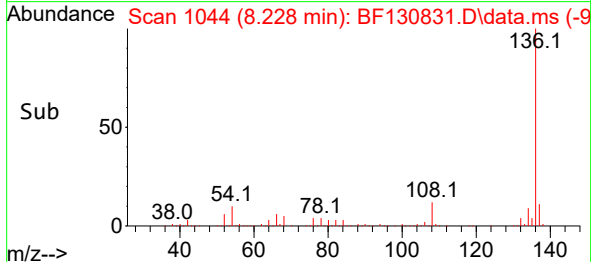
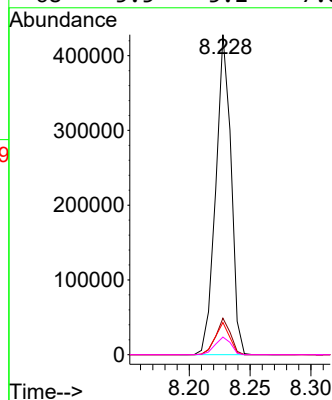
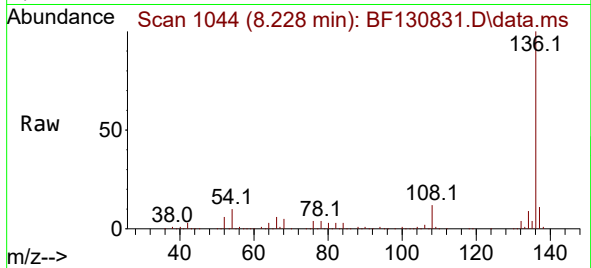




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF130831.D
Acq: 28 Oct 2022 19:25

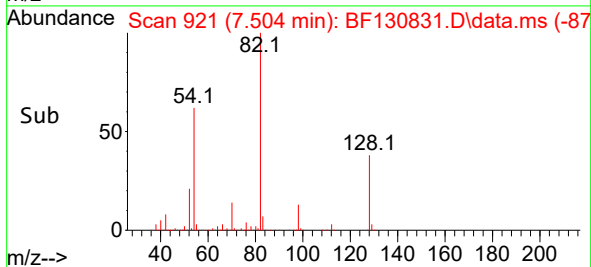
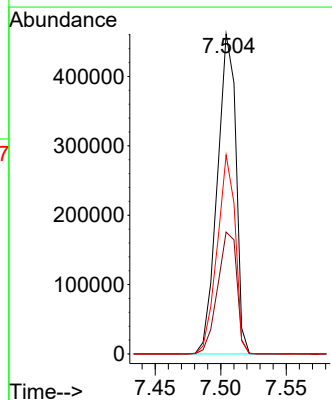
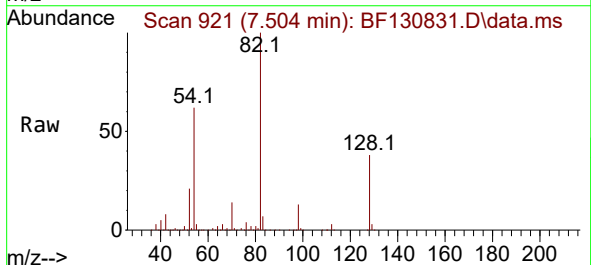
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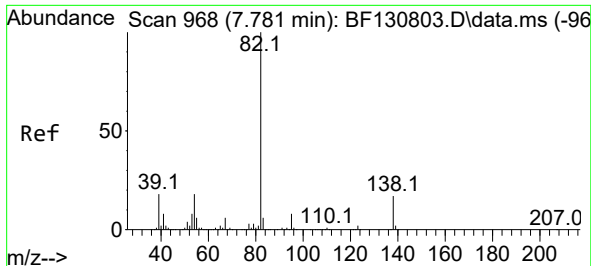
Tgt Ion:	136	Resp:	374080
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	10.0	8.8	13.2
68	5.5	5.2	7.8



#23
Nitrobenzene-d5
Concen: 73.262 ng
RT: 7.504 min Scan# 921
Delta R.T. -0.012 min
Lab File: BF130831.D
Acq: 28 Oct 2022 19:25

Tgt Ion:	82	Resp:	454500
Ion	Ratio	Lower	Upper
82	100		
128	38.1	31.2	46.8
54	62.2	48.0	72.0

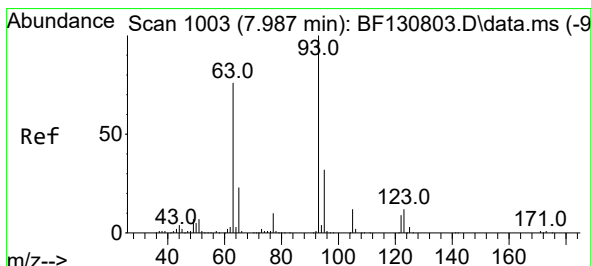
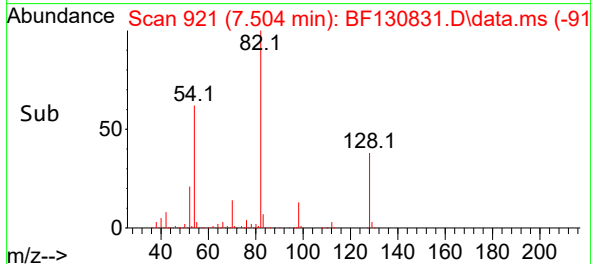
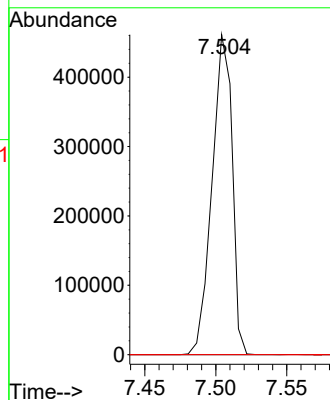
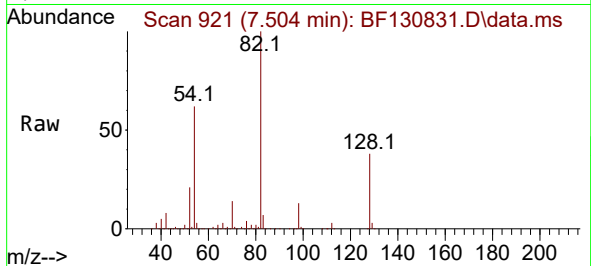




#25
Isophorone
Concen: 35.527 ng
RT: 7.504 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130831.D
Acq: 28 Oct 2022 19:25

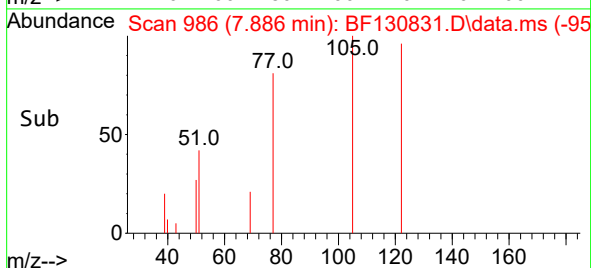
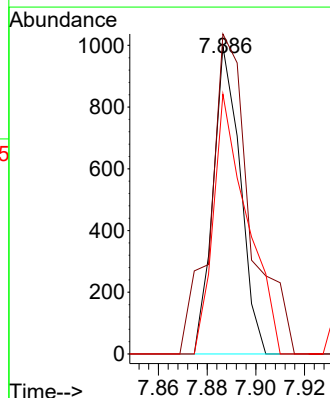
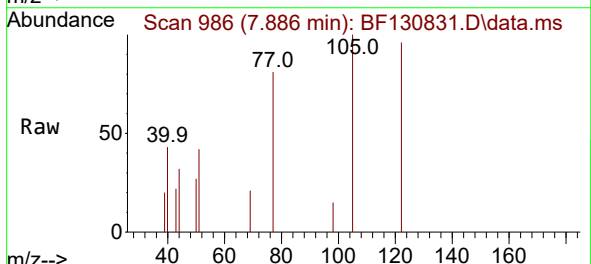
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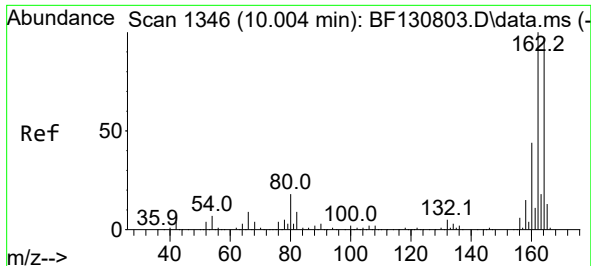
Tgt Ion: 82 Resp: 454492
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.851 ng
RT: 7.886 min Scan# 986
Delta R.T. -0.100 min
Lab File: BF130831.D
Acq: 28 Oct 2022 19:25

Tgt Ion: 122 Resp: 771
Ion Ratio Lower Upper
122 100
105 104.0 114.5 154.5#
77 84.5 89.8 129.8#

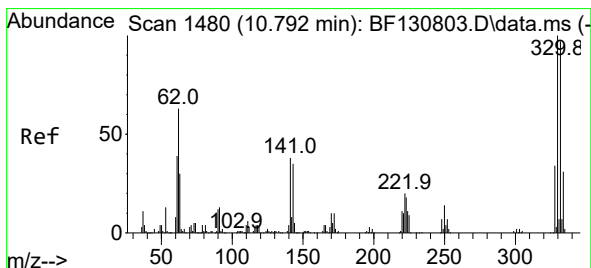
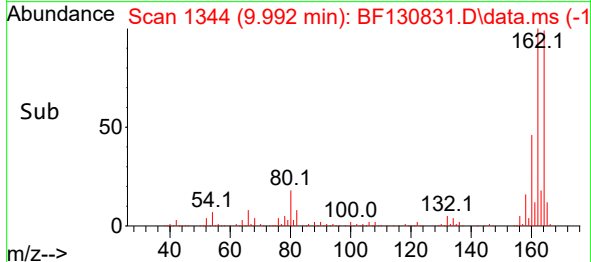
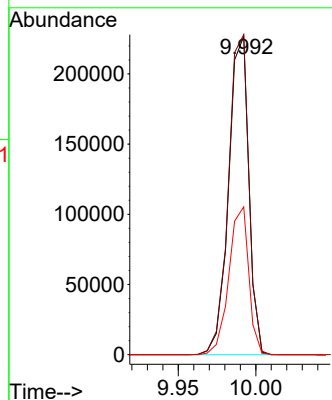
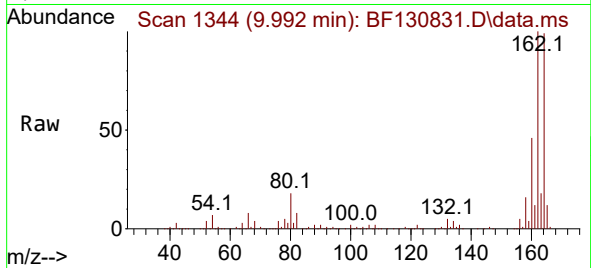




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130831.D
Acq: 28 Oct 2022 19:25

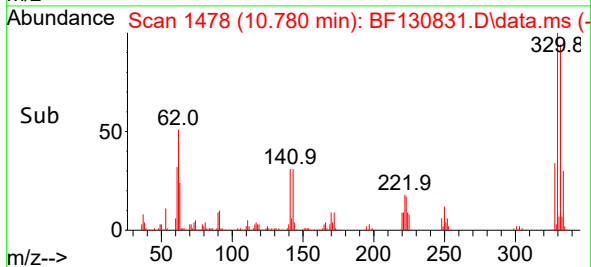
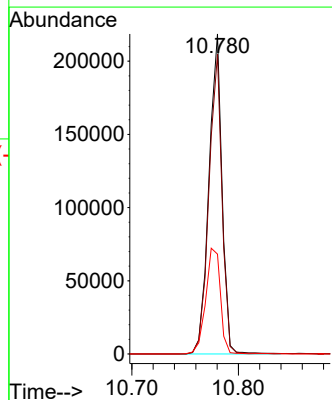
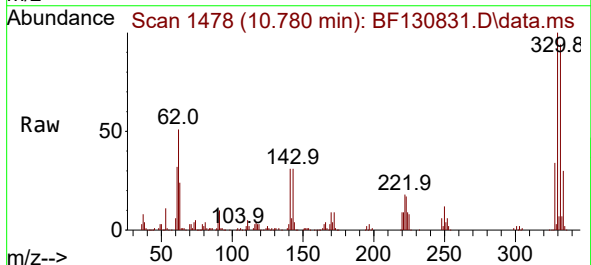
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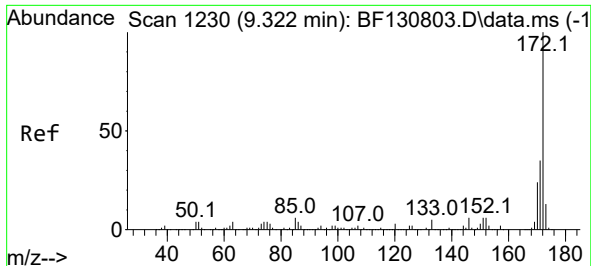
Tgt Ion:164 Resp: 205116
Ion Ratio Lower Upper
164 100
162 100.5 82.2 123.2
160 46.4 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 108.287 ng
RT: 10.780 min Scan# 1478
Delta R.T. -0.006 min
Lab File: BF130831.D
Acq: 28 Oct 2022 19:25

Tgt Ion:330 Resp: 186976
Ion Ratio Lower Upper
330 100
332 94.2 76.2 114.4
141 37.1 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 65.627 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF130831.D

Acq: 28 Oct 2022 19:25

Instrument :

BNA_F

ClientSampleId :

SB-12

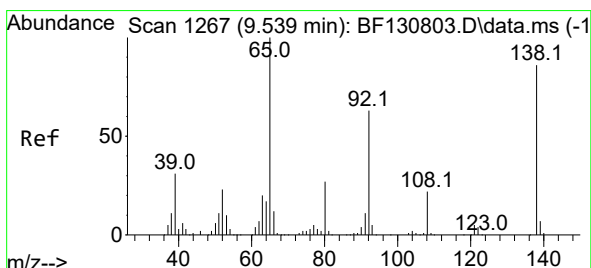
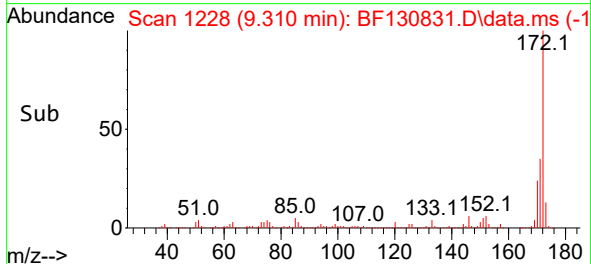
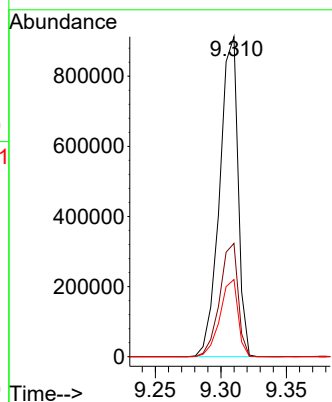
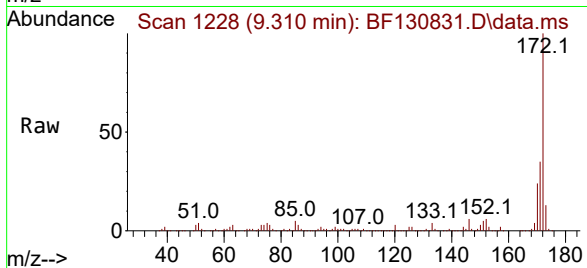
Tgt Ion:172 Resp: 890363

Ion Ratio Lower Upper

172 100

171 35.4 28.1 42.1

170 24.1 19.0 28.4



#48

2-Nitroaniline

Concen: 4.161 ng

RT: 9.486 min Scan# 1258

Delta R.T. -0.047 min

Lab File: BF130831.D

Acq: 28 Oct 2022 19:25

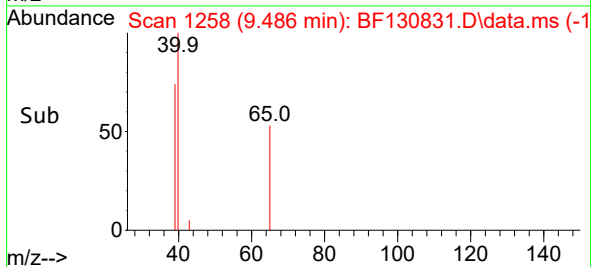
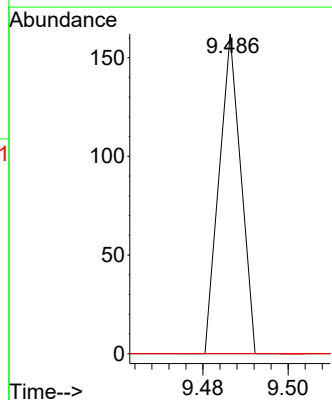
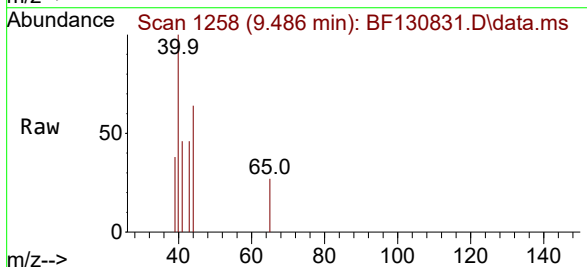
Tgt Ion: 65 Resp: 57

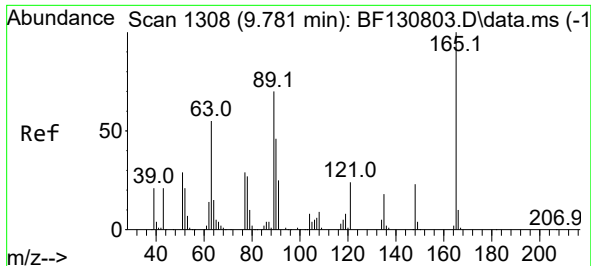
Ion Ratio Lower Upper

65 100

92 0.0 50.1 75.1#

138 0.0 69.2 103.8#

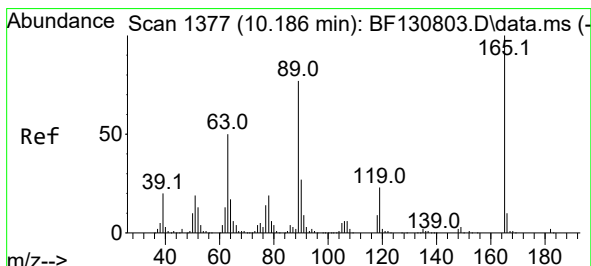
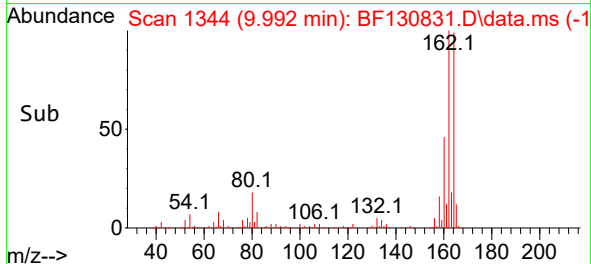
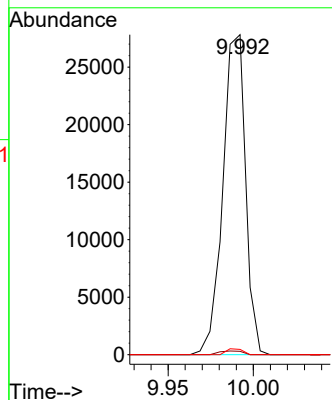
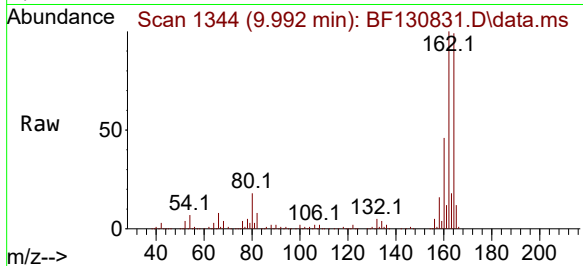




#51
 2,6-Dinitrotoluene
 Concen: 11.868 ng
 RT: 9.992 min Scan# 1344
 Delta R.T. 0.218 min
 Lab File: BF130831.D
 Acq: 28 Oct 2022 19:25

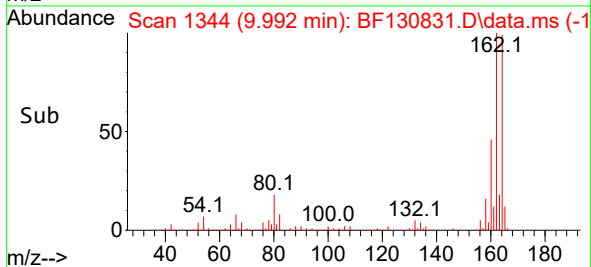
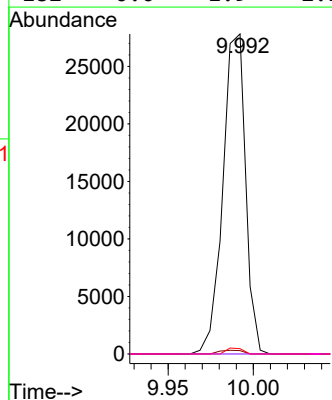
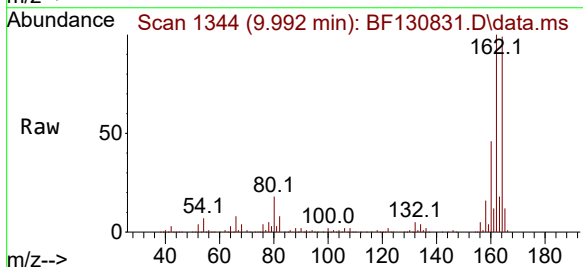
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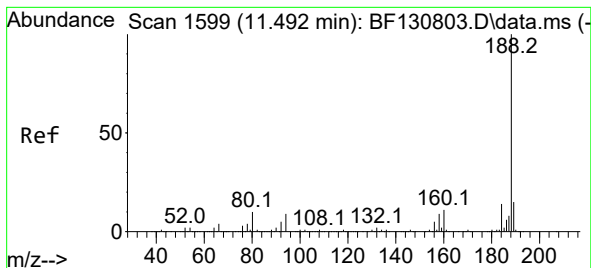
Tgt Ion:165 Resp: 25815
 Ion Ratio Lower Upper
 165 100
 63 1.0 61.8 92.8#
 89 1.7 56.2 84.4#



#57
 2,4-Dinitrotoluene
 Concen: 10.786 ng
 RT: 9.992 min Scan# 1344
 Delta R.T. -0.188 min
 Lab File: BF130831.D
 Acq: 28 Oct 2022 19:25

Tgt Ion:165 Resp: 25815
 Ion Ratio Lower Upper
 165 100
 63 1.0 39.8 59.6#
 89 1.7 61.9 92.9#
 182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.480 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130831.D

Acq: 28 Oct 2022 19:25

Instrument :

BNA_F

ClientSampleId :

SB-12

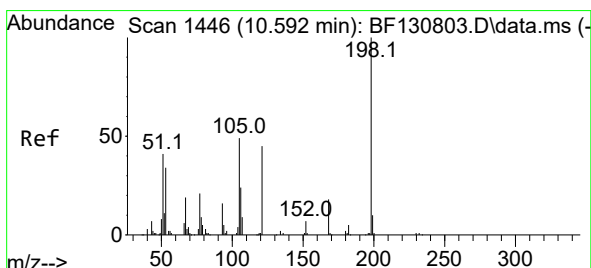
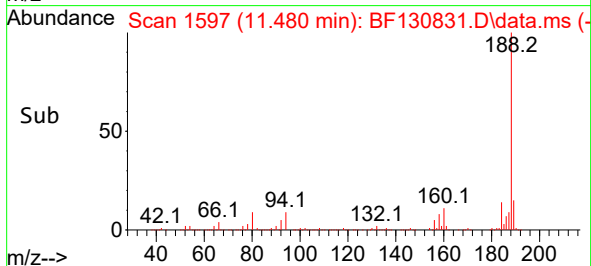
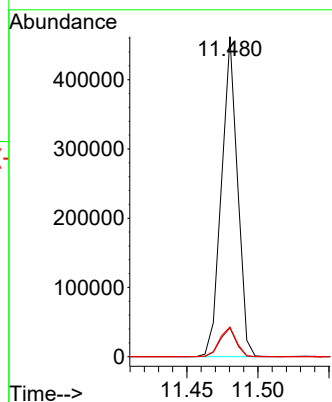
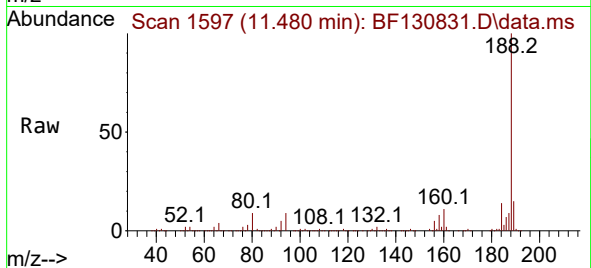
Tgt Ion:188 Resp: 361974

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

80 9.3 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 8.201 ng

RT: 10.775 min Scan# 1477

Delta R.T. 0.188 min

Lab File: BF130831.D

Acq: 28 Oct 2022 19:25

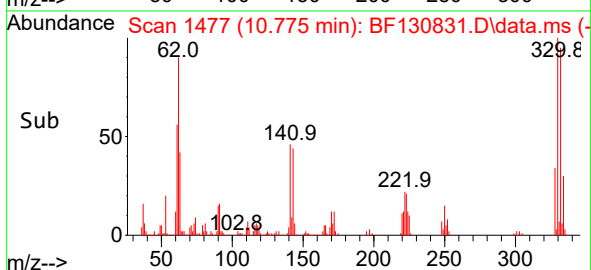
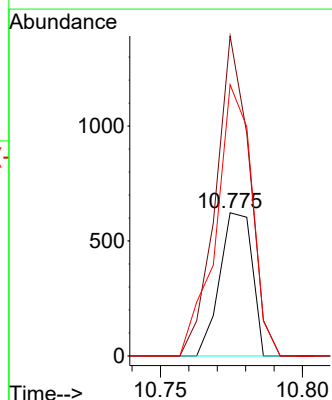
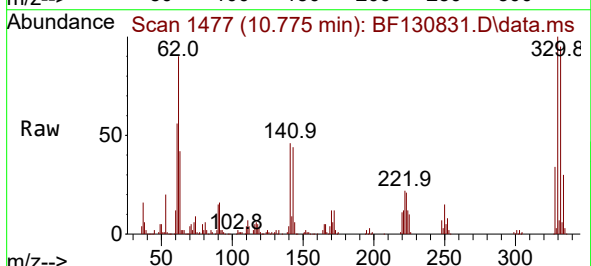
Tgt Ion:198 Resp: 495

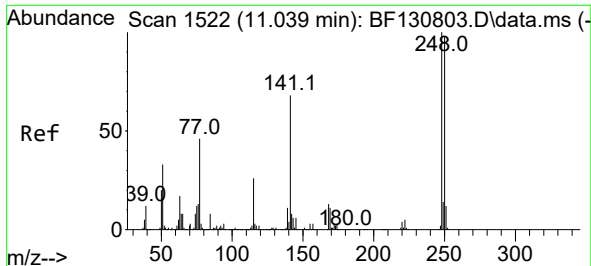
Ion Ratio Lower Upper

198 100

51 223.4 39.0 79.0#

105 189.4 30.6 70.6#

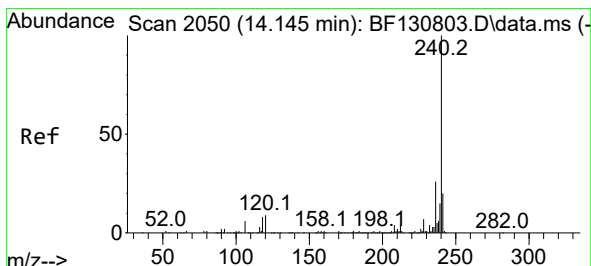
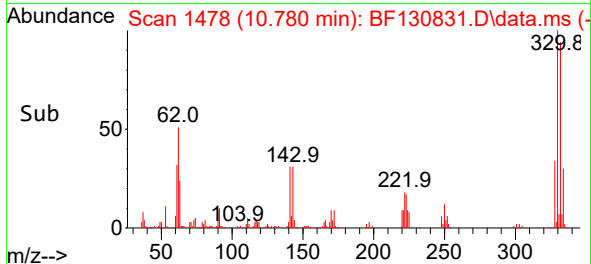
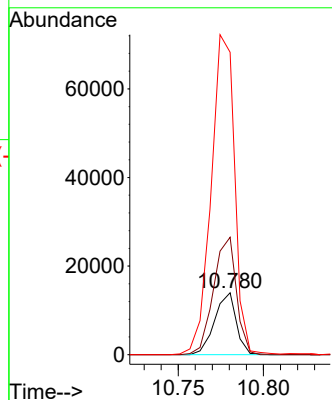
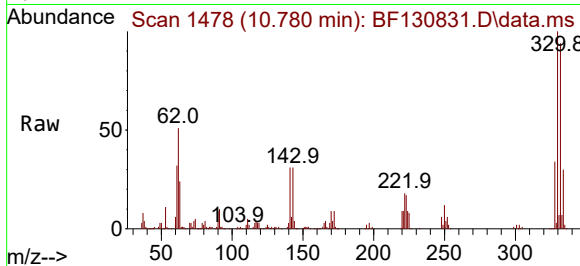




#67
4-Bromophenyl-phenylether
Concen: 3.384 ng
RT: 10.780 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF130831.D
Acq: 28 Oct 2022 19:25

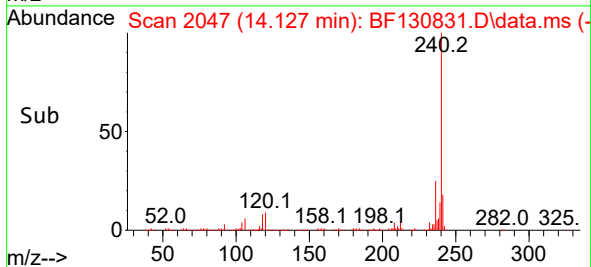
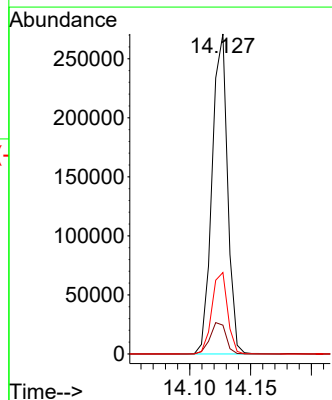
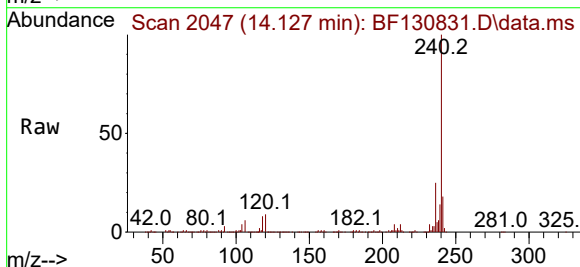
Instrument :
BNA_F
ClientSampleId :
SB-12

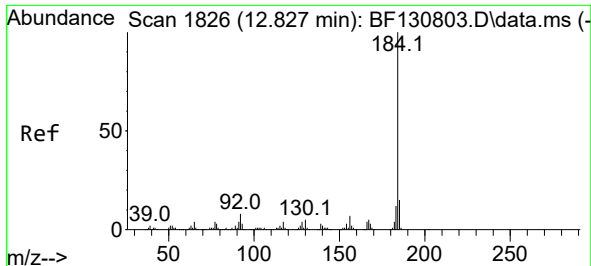
Tgt Ion:248 Resp: 12320
Ion Ratio Lower Upper
248 100
250 189.8 78.6 117.8#
141 488.8 54.2 81.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BF130831.D
Acq: 28 Oct 2022 19:25

Tgt Ion:240 Resp: 240680
Ion Ratio Lower Upper
240 100
120 9.0 7.0 10.4
236 25.5 20.5 30.7

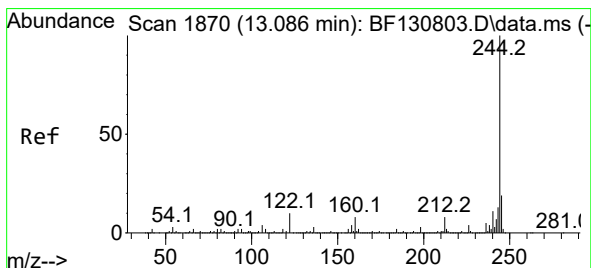
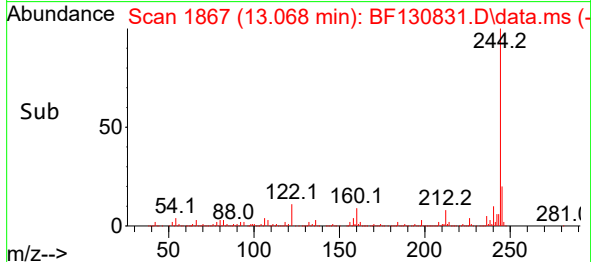
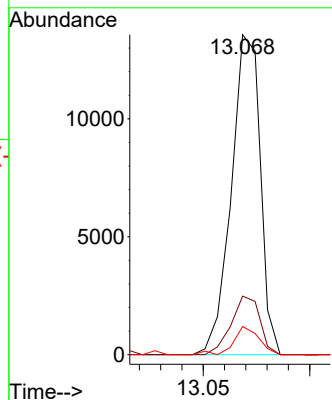
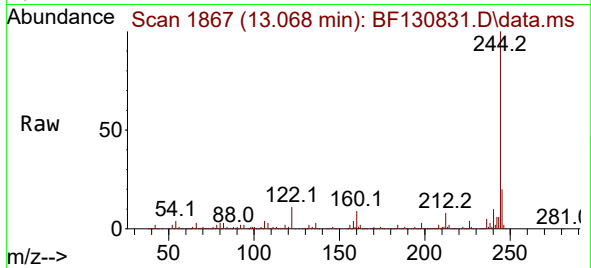




#77
Benzidine
Concen: 2.200 ng
RT: 13.068 min Scan# 1867
Delta R.T. 0.247 min
Lab File: BF130831.D
Acq: 28 Oct 2022 19:25

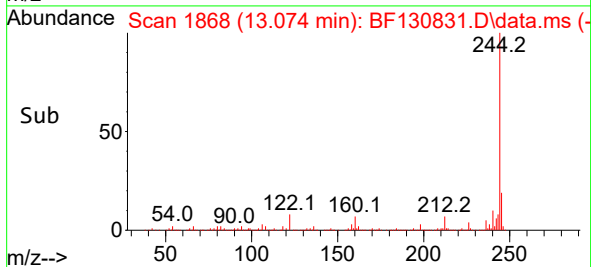
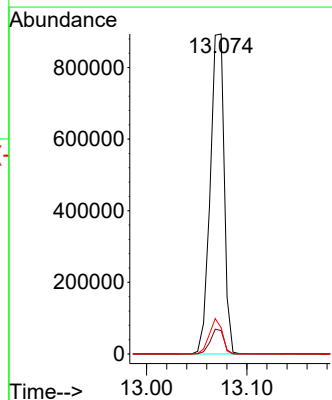
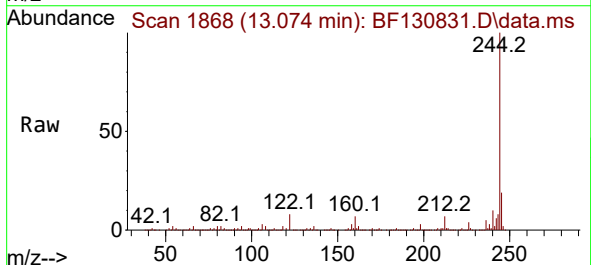
Instrument :
BNA_F
ClientSampleId :
SB-12

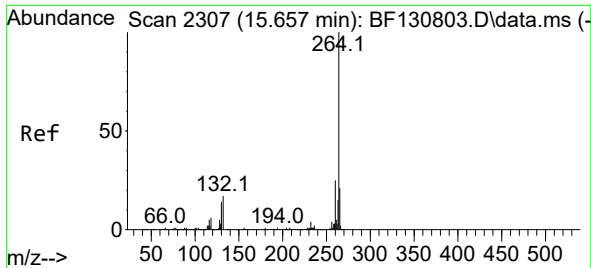
Tgt Ion:184 Resp: 12851
Ion Ratio Lower Upper
184 100
185 18.3 11.8 17.8#
183 8.8 9.7 14.5#



#79
Terphenyl-d14
Concen: 66.049 ng
RT: 13.074 min Scan# 1868
Delta R.T. -0.000 min
Lab File: BF130831.D
Acq: 28 Oct 2022 19:25

Tgt Ion:244 Resp: 867510
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.2
122 8.2 7.9 11.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.639 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF130831.D

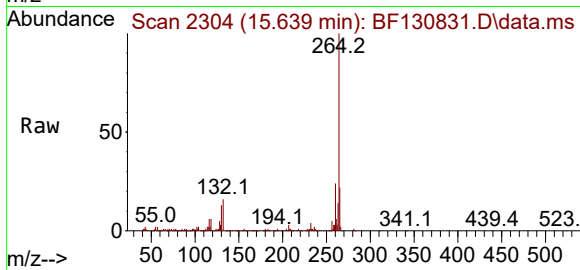
Acq: 28 Oct 2022 19:25

Instrument :

BNA_F

ClientSampleId :

SB-12



Tgt Ion:264 Resp: 177292

Ion Ratio Lower Upper

264 100

260 24.1 19.9 29.9

265 21.7 17.0 25.6

