

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
 Data File : BF130838.D
 Acq On : 28 Oct 2022 22:59
 Operator : CG\JU
 Sample : N5281-05RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5S

Quant Time: Oct 29 05:47:15 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)

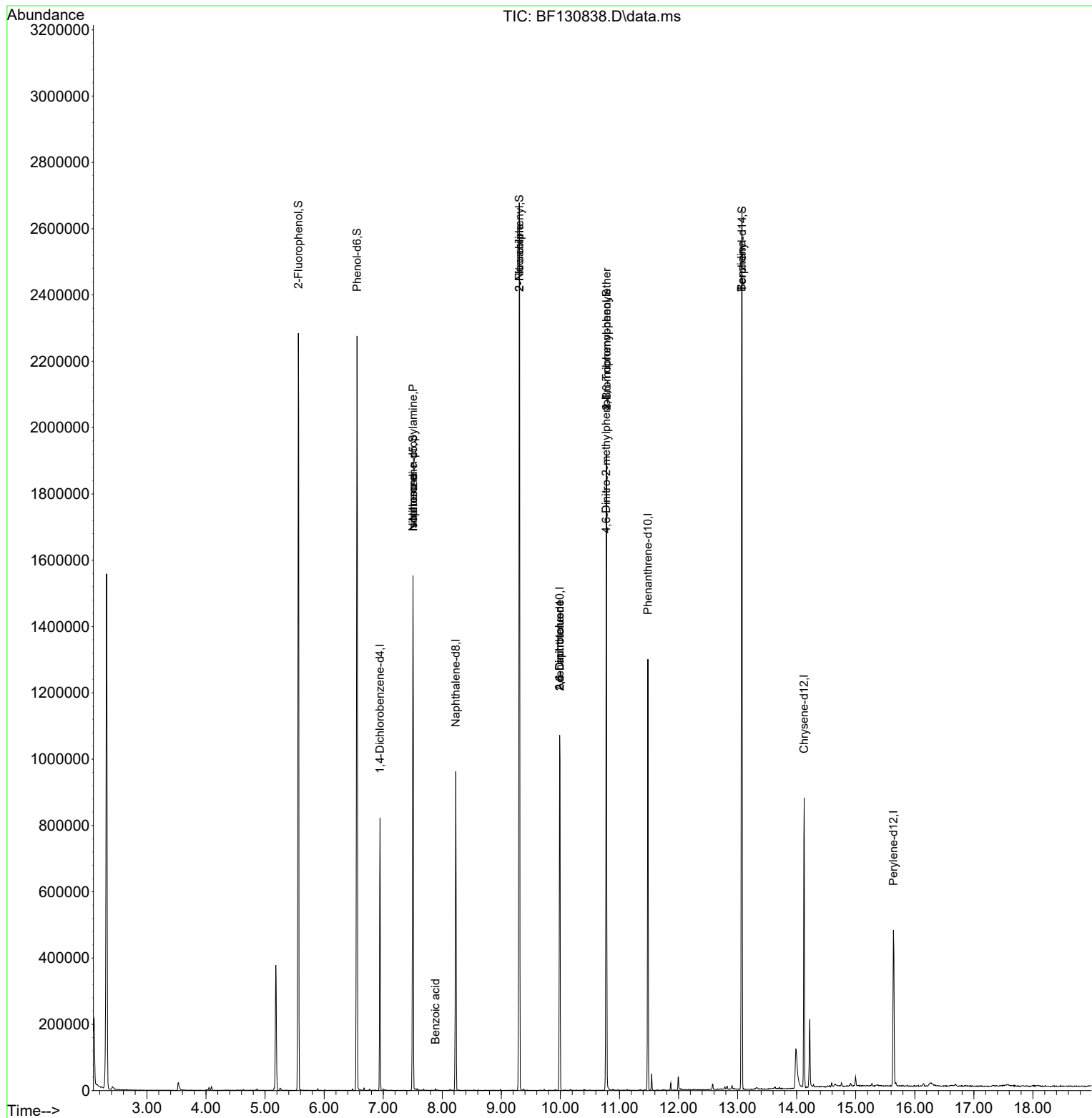
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	108205	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	418460	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	230348	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	419960	20.000	ng	0.00
76) Chrysene-d12	14.127	240	290819	20.000	ng	0.00
86) Perylene-d12	15.639	264	209678	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	605356	96.987	ng	0.00
7) Phenol-d6	6.557	99	777225	95.824	ng	0.00
23) Nitrobenzene-d5	7.504	82	500894	72.177	ng	-0.01
42) 2,4,6-Tribromophenol	10.781	330	200917	103.615	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	922377	60.540	ng	0.00
79) Terphenyl-d14	13.075	244	964735	60.788	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	69457	12.586	ng	# 81
25) Isophorone	7.504	82	500070	34.944	ng	# 66
32) Benzoic acid	7.887	122	1120	7.902	ng	# 77
48) 2-Nitroaniline	9.304	65	1783	4.532	ng	# 1
51) 2,6-Dinitrotoluene	9.986	165	29879	12.146	ng	# 14
57) 2,4-Dinitrotoluene	9.986	165	29879	11.003	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.775	198	670	8.247	ng	# 1
67) 4-Bromophenyl-phenylether	10.781	248	13291	3.147	ng	# 1
77) Benzidine	13.069	184	15038	2.130	ng	# 93

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

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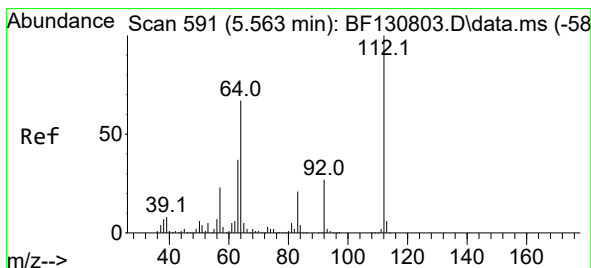
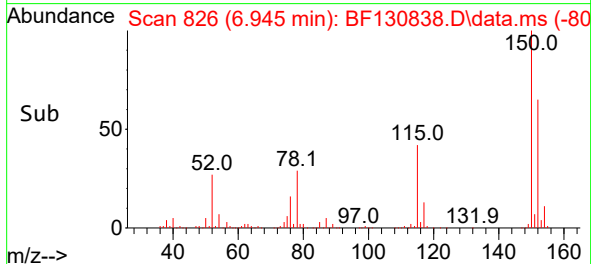
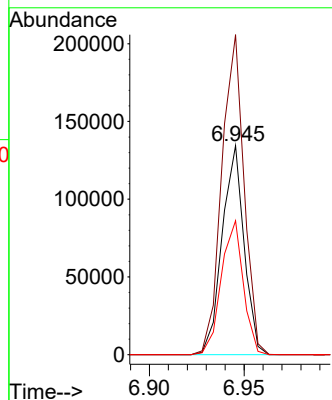
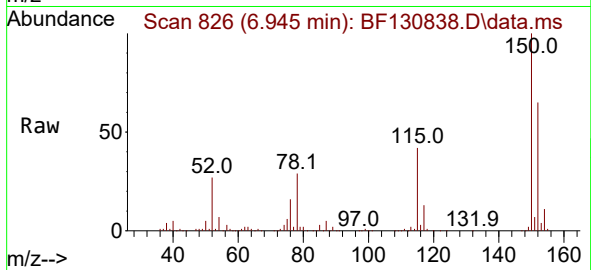




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130838.D
Acq: 28 Oct 2022 22:59

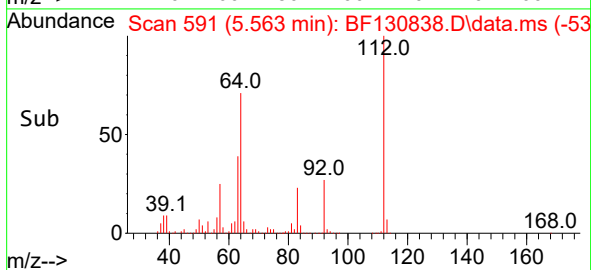
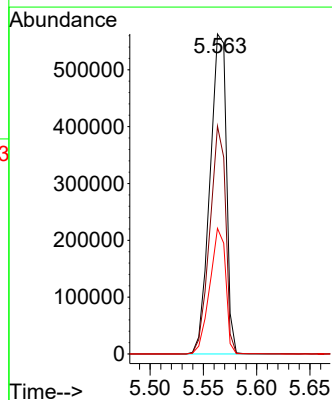
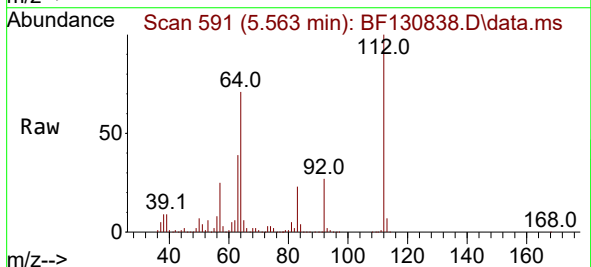
Instrument :
BNA_F
ClientSampleId :
SB-5S

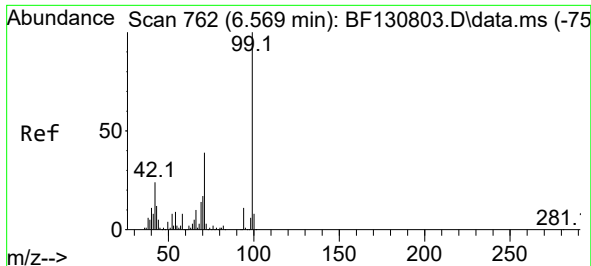
Tgt Ion:152 Resp: 108205
Ion Ratio Lower Upper
152 100
150 153.1 124.1 186.1
115 64.0 50.1 75.1



#5
2-Fluorophenol
Concen: 96.987 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.006 min
Lab File: BF130838.D
Acq: 28 Oct 2022 22:59

Tgt Ion:112 Resp: 605356
Ion Ratio Lower Upper
112 100
64 71.2 53.9 80.9
63 39.2 29.4 44.2

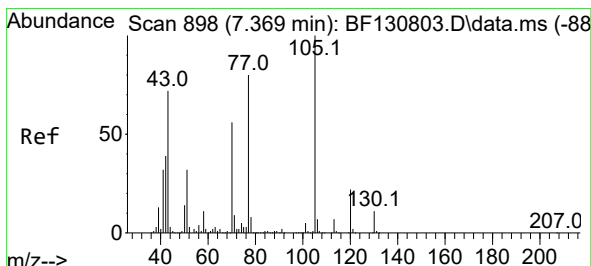
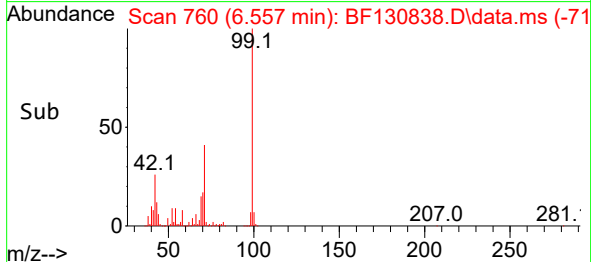
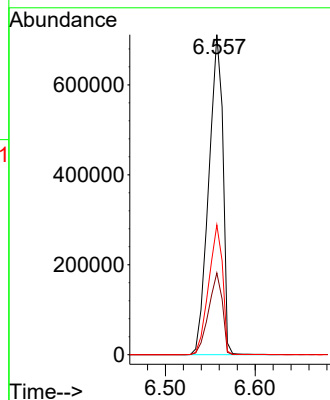
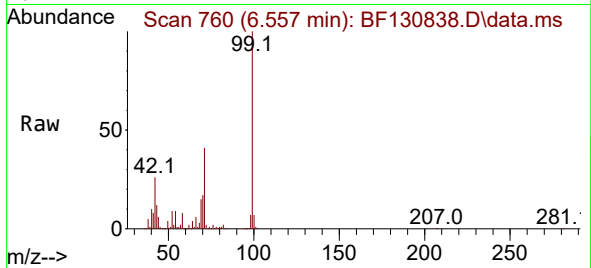




#7
Phenol-d6
Concen: 95.824 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130838.D
Acq: 28 Oct 2022 22:59

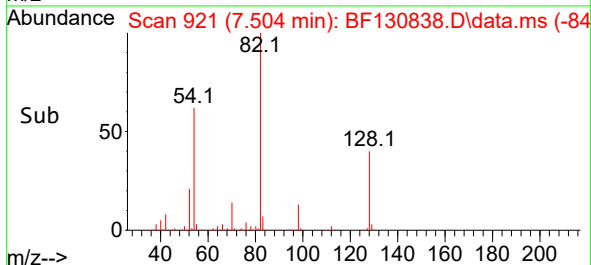
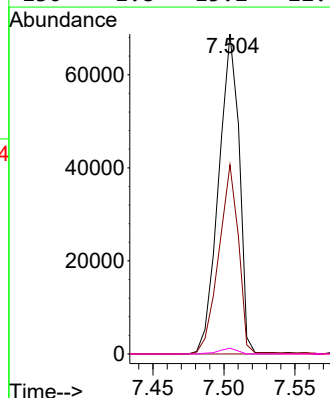
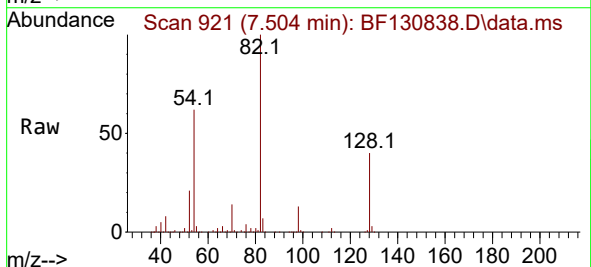
Instrument :
BNA_F
ClientSampleId :
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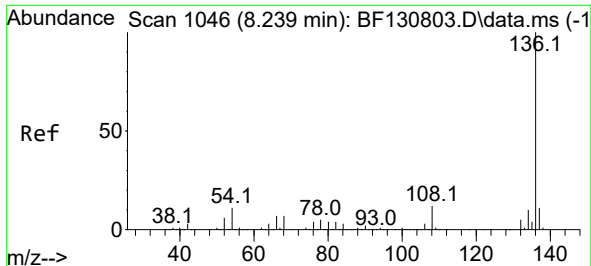
Tgt Ion: 99 Resp: 777225
Ion Ratio Lower Upper
99 100
42 25.5 18.8 28.2
71 40.5 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.586 ng
RT: 7.504 min Scan# 921
Delta R.T. 0.141 min
Lab File: BF130838.D
Acq: 28 Oct 2022 22:59

Tgt Ion: 70 Resp: 69457
Ion Ratio Lower Upper
70 100
42 59.1 56.1 84.1
101 0.0 7.3 10.9#
130 1.8 15.2 22.8#

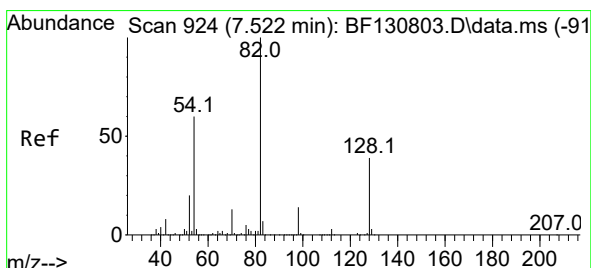
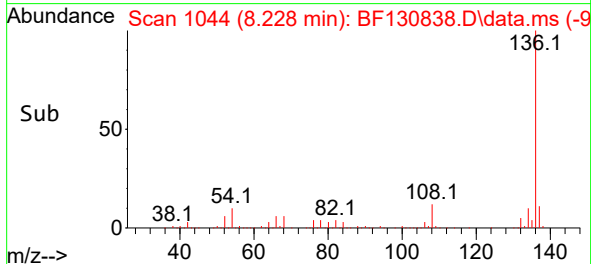
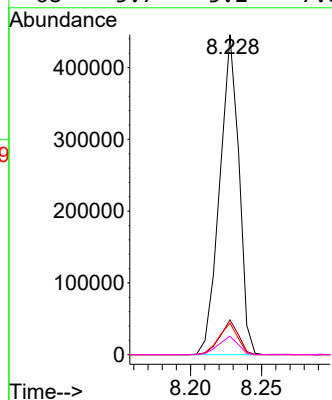
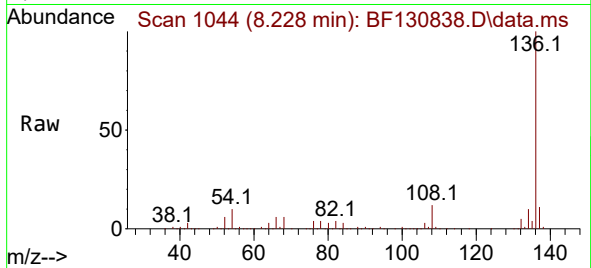




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF130838.D
Acq: 28 Oct 2022 22:59

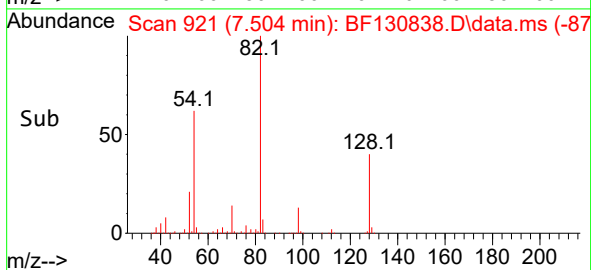
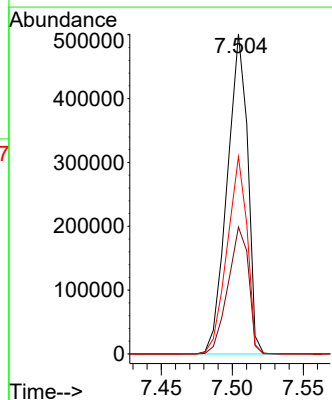
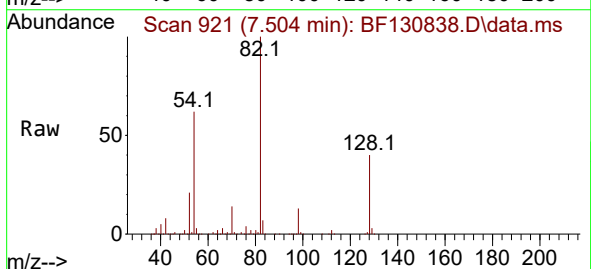
Instrument :
BNA_F
ClientSampleId :
SB-5S

Tgt Ion:136 Resp: 418460
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 9.9 8.8 13.2
68 5.7 5.2 7.8



#23
Nitrobenzene-d5
Concen: 72.177 ng
RT: 7.504 min Scan# 921
Delta R.T. -0.012 min
Lab File: BF130838.D
Acq: 28 Oct 2022 22:59

Tgt Ion: 82 Resp: 500894
Ion Ratio Lower Upper
82 100
128 39.7 31.2 46.8
54 61.6 48.0 72.0

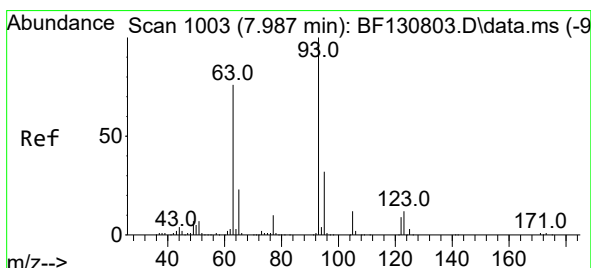
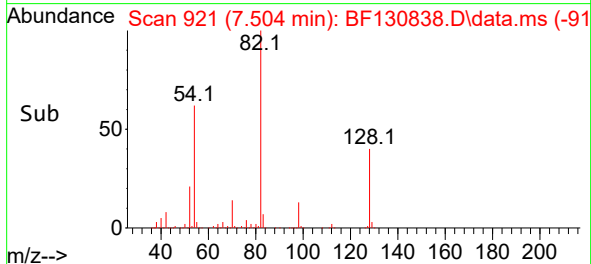
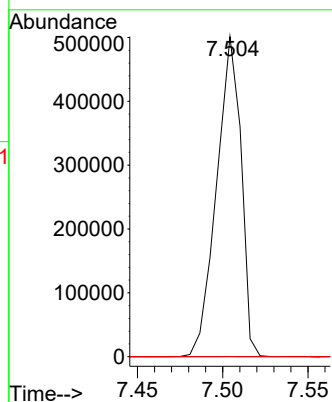
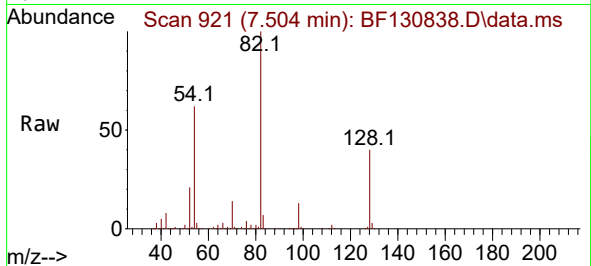




#25
Isophorone
Concen: 34.944 ng
RT: 7.504 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130838.D
Acq: 28 Oct 2022 22:59

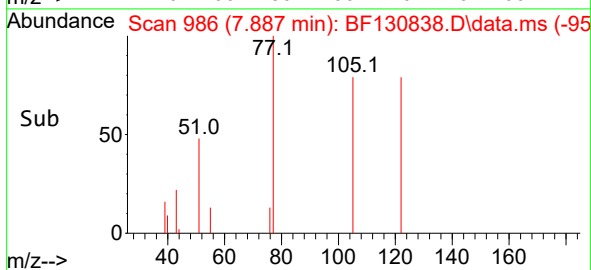
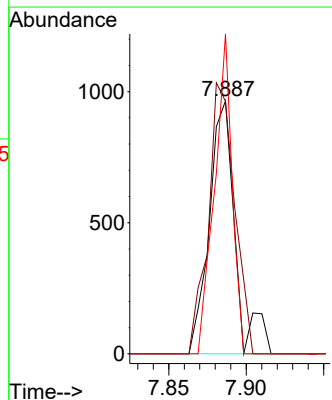
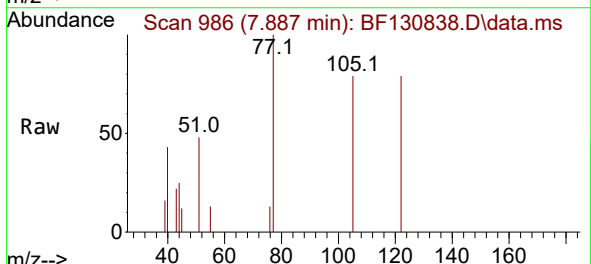
Instrument :
BNA_F
ClientSampleId :
SB-5S

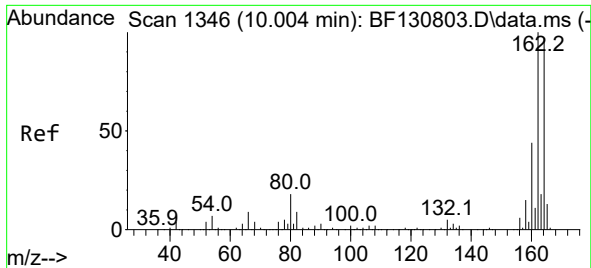
Tgt Ion: 82 Resp: 500070
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.902 ng
RT: 7.887 min Scan# 986
Delta R.T. -0.100 min
Lab File: BF130838.D
Acq: 28 Oct 2022 22:59

Tgt Ion: 122 Resp: 1120
Ion Ratio Lower Upper
122 100
105 99.8 114.5 154.5#
77 126.4 89.8 129.8

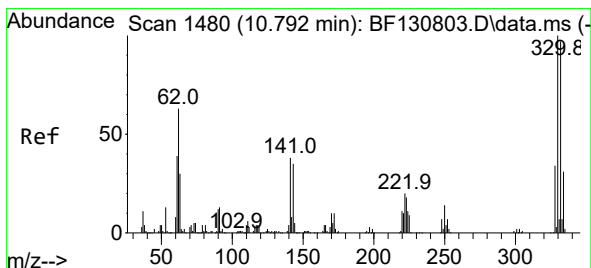
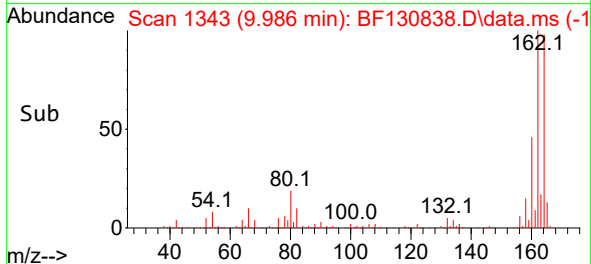
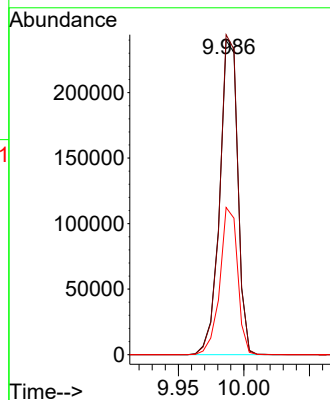
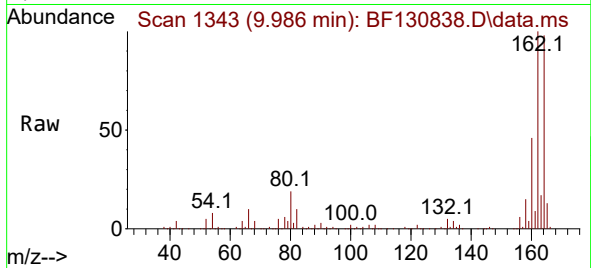




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130838.D
Acq: 28 Oct 2022 22:59

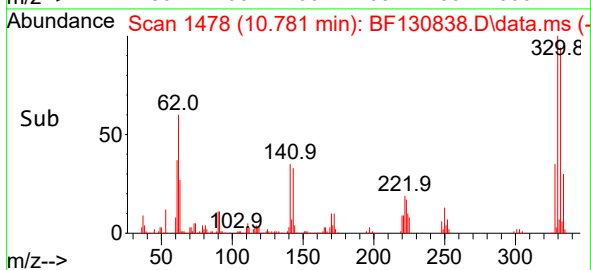
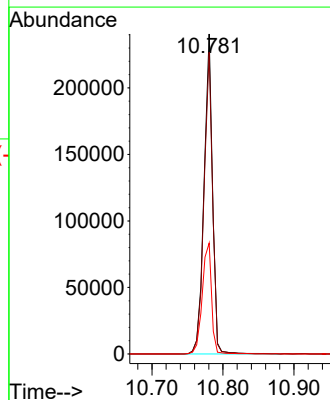
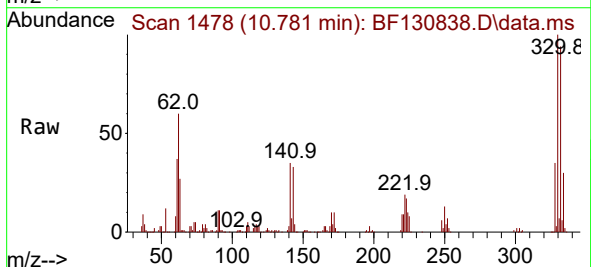
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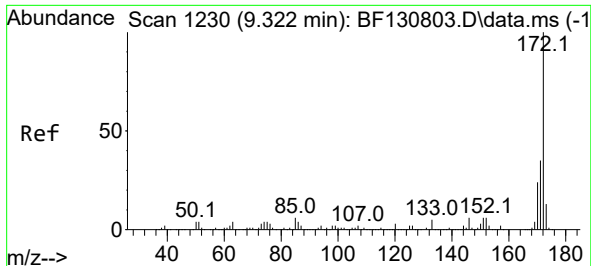
Tgt Ion:164 Resp: 230348
Ion Ratio Lower Upper
164 100
162 101.8 82.2 123.2
160 46.9 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 103.615 ng
RT: 10.781 min Scan# 1478
Delta R.T. -0.006 min
Lab File: BF130838.D
Acq: 28 Oct 2022 22:59

Tgt Ion:330 Resp: 200917
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 38.0 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 60.540 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF130838.D

Acq: 28 Oct 2022 22:59

Instrument :

BNA_F

ClientSampleId :

SB-5S

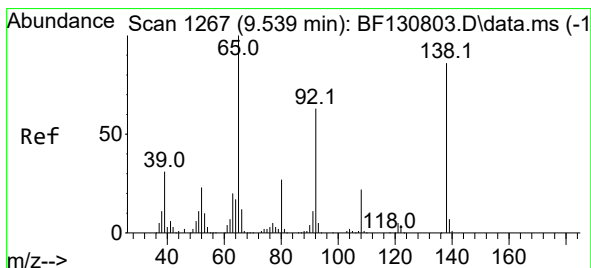
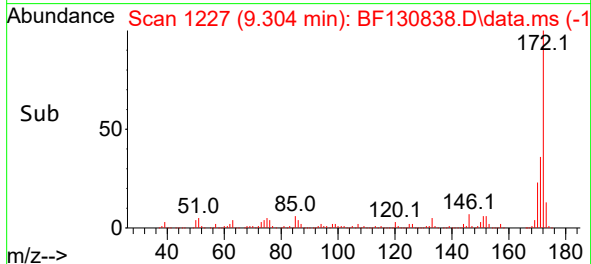
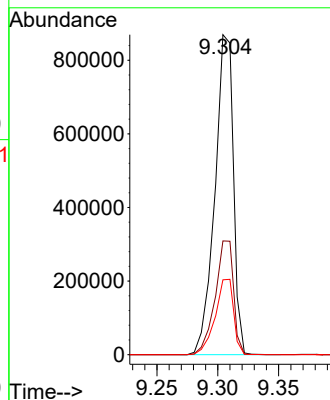
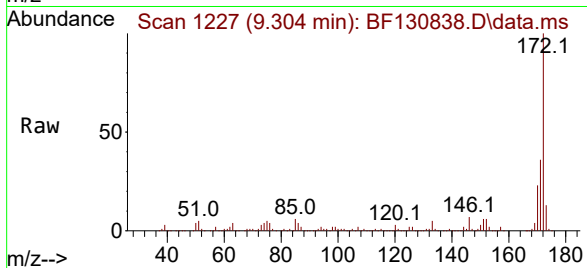
Tgt Ion:172 Resp: 922377

Ion Ratio Lower Upper

172 100

171 35.6 28.1 42.1

170 23.4 19.0 28.4



#48

2-Nitroaniline

Concen: 4.532 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.229 min

Lab File: BF130838.D

Acq: 28 Oct 2022 22:59

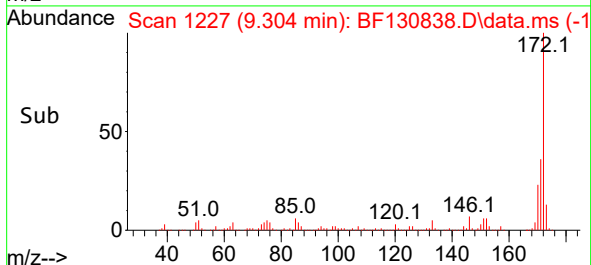
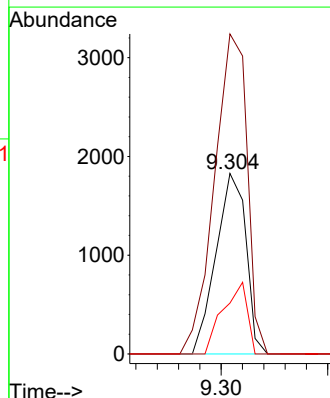
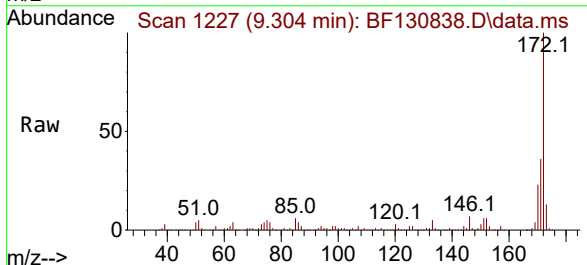
Tgt Ion: 65 Resp: 1783

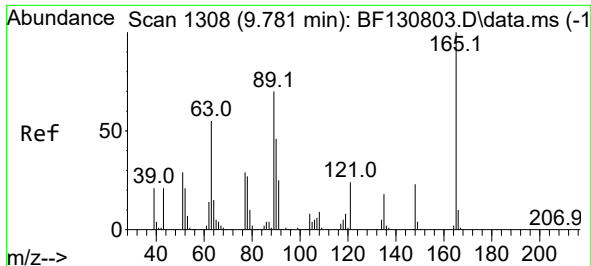
Ion Ratio Lower Upper

65 100

92 177.3 50.1 75.1#

138 28.2 69.2 103.8#

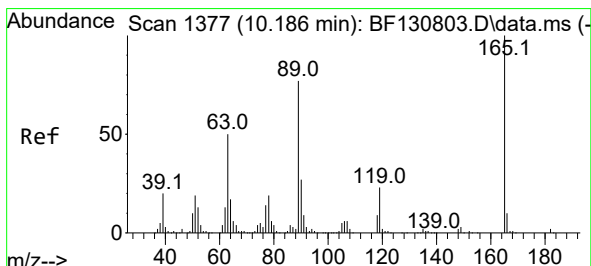
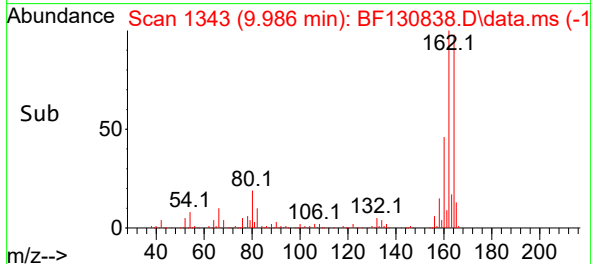
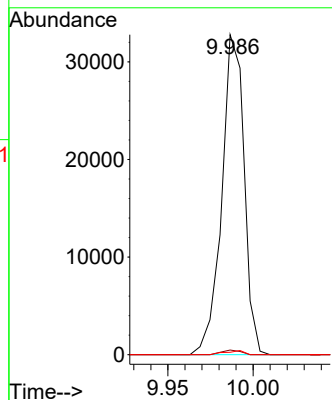
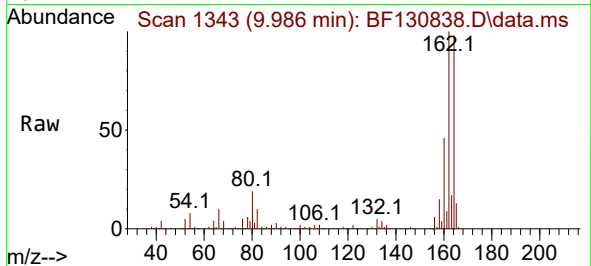




#51
2,6-Dinitrotoluene
Concen: 12.146 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF130838.D
Acq: 28 Oct 2022 22:59

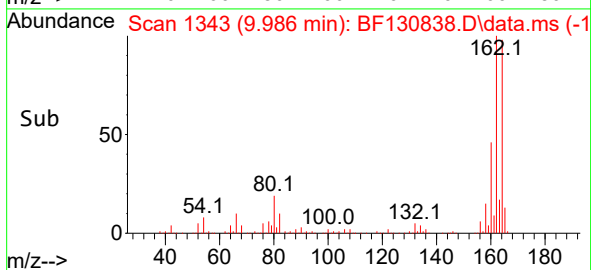
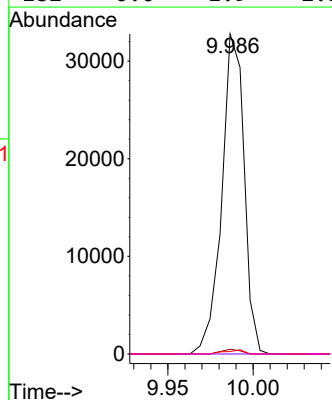
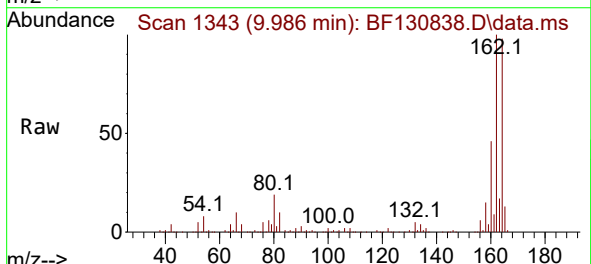
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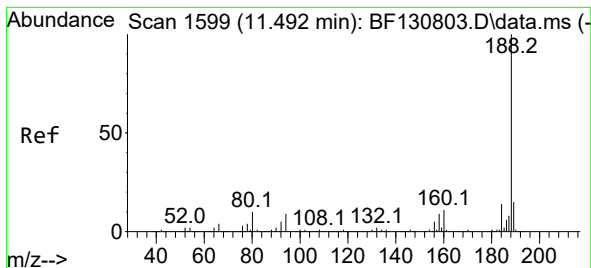
Tgt Ion:165 Resp: 29879
Ion Ratio Lower Upper
165 100
63 1.4 61.8 92.8#
89 0.7 56.2 84.4#



#57
2,4-Dinitrotoluene
Concen: 11.003 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.194 min
Lab File: BF130838.D
Acq: 28 Oct 2022 22:59

Tgt Ion:165 Resp: 29879
Ion Ratio Lower Upper
165 100
63 1.4 39.8 59.6#
89 0.7 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: BF130838.D

Acq: 28 Oct 2022 22:59

Instrument :

BNA_F

ClientSampleId :

SB-5S

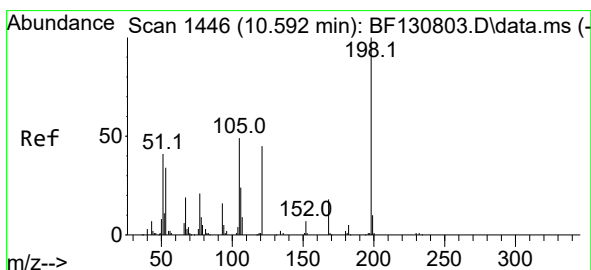
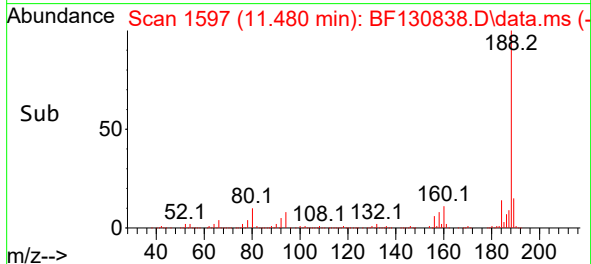
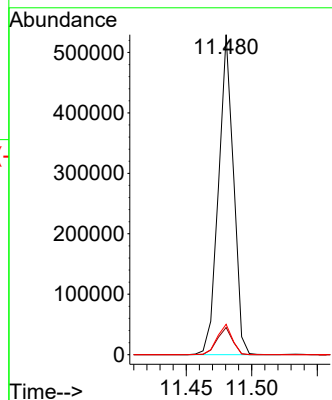
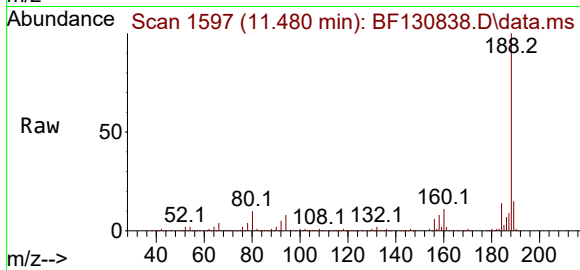
Tgt Ion:188 Resp: 419960

Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.2

80 9.5 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 8.247 ng

RT: 10.775 min Scan# 1477

Delta R.T. 0.188 min

Lab File: BF130838.D

Acq: 28 Oct 2022 22:59

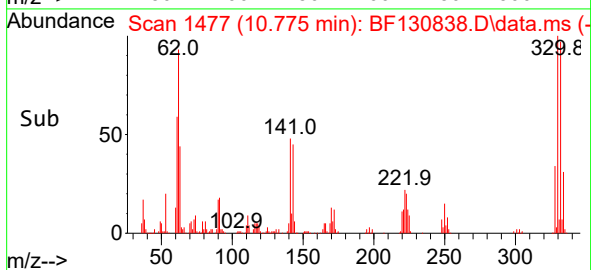
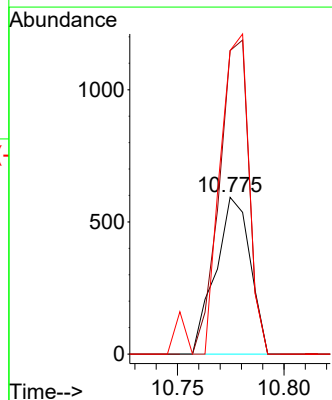
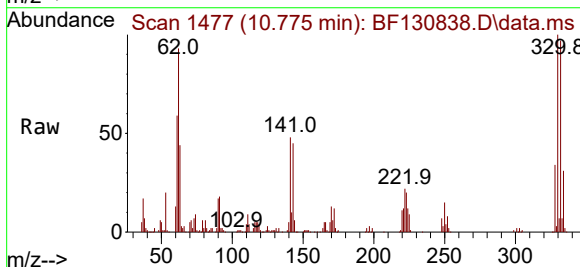
Tgt Ion:198 Resp: 670

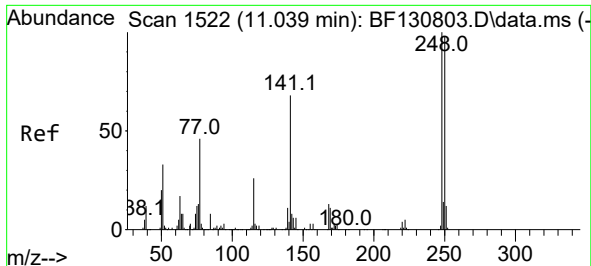
Ion Ratio Lower Upper

198 100

51 193.6 39.0 79.0#

105 193.6 30.6 70.6#

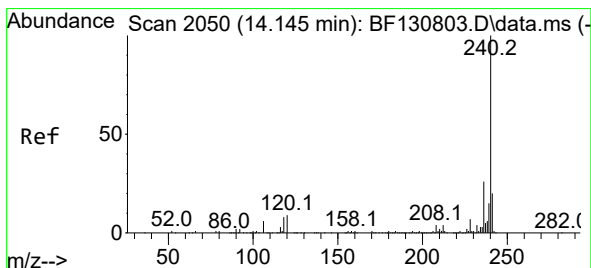
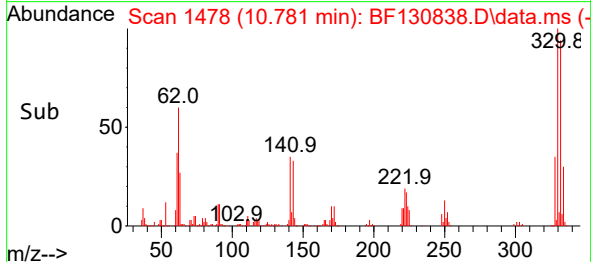
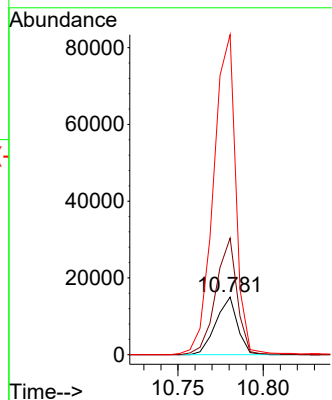
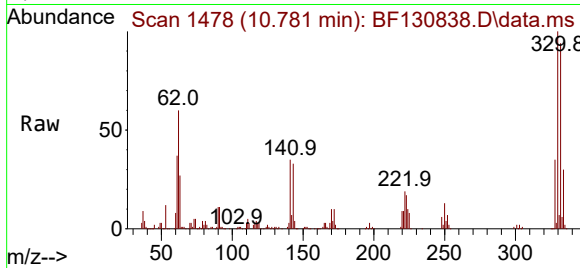




#67
4-Bromophenyl-phenylether
Concen: 3.147 ng
RT: 10.781 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF130838.D
Acq: 28 Oct 2022 22:59

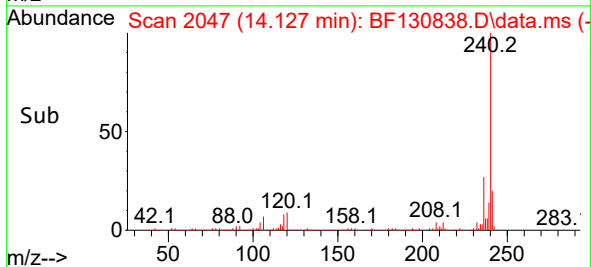
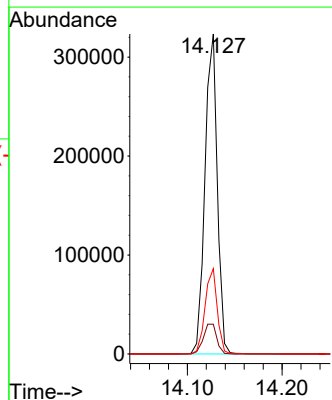
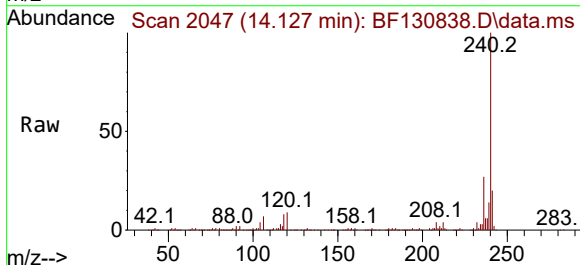
Instrument :
BNA_F
ClientSampleId :
SB-5S

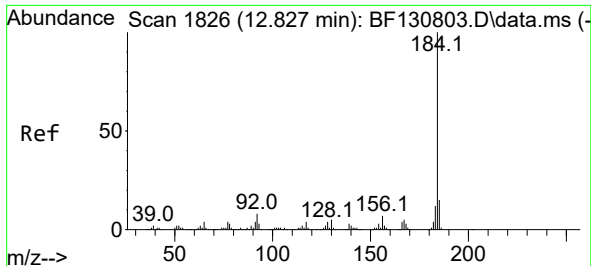
Tgt Ion:248 Resp: 13291
Ion Ratio Lower Upper
248 100
250 202.5 78.6 117.8#
141 555.3 54.2 81.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BF130838.D
Acq: 28 Oct 2022 22:59

Tgt Ion:240 Resp: 290819
Ion Ratio Lower Upper
240 100
120 9.3 7.0 10.4
236 26.6 20.5 30.7

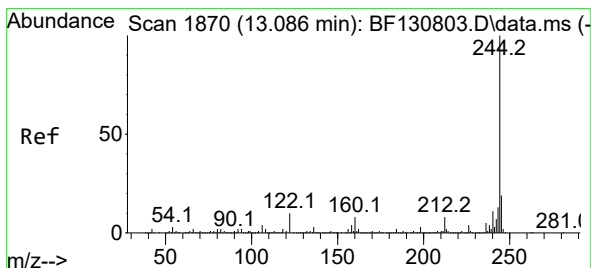
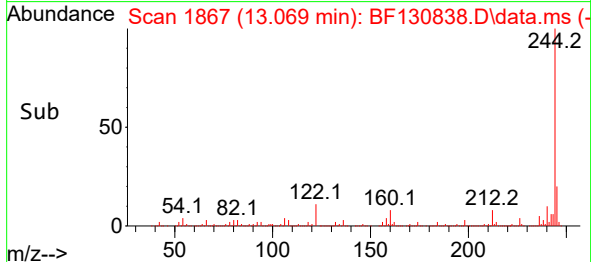
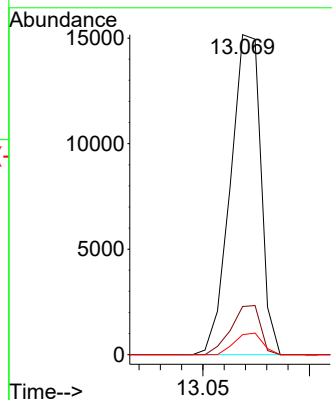
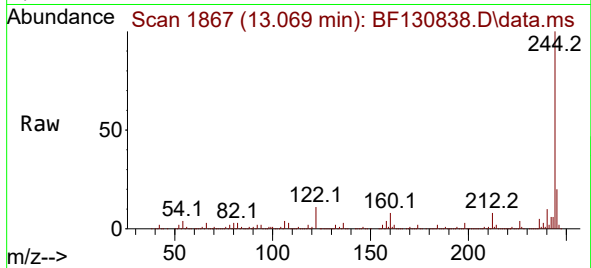




#77
Benzidine
Concen: 2.130 ng
RT: 13.069 min Scan# 1867
Delta R.T. 0.247 min
Lab File: BF130838.D
Acq: 28 Oct 2022 22:59

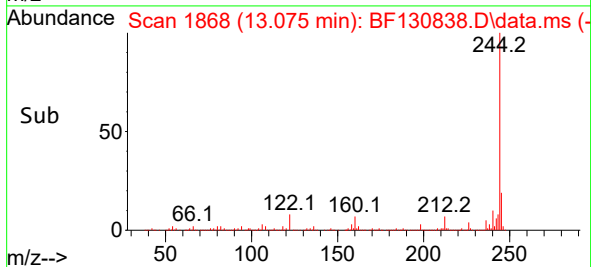
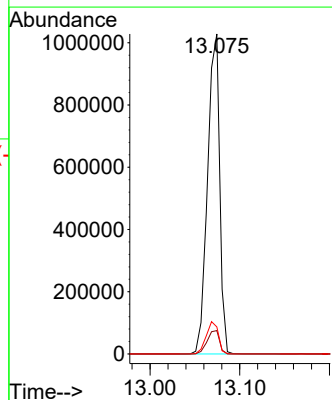
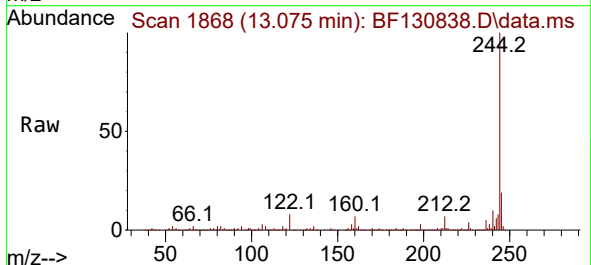
Instrument :
BNA_F
ClientSampleId :
SB-5S

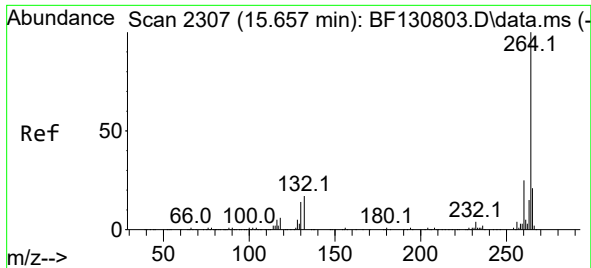
Tgt Ion:184 Resp: 15038
Ion Ratio Lower Upper
184 100
185 15.0 11.8 17.8
183 6.3 9.7 14.5#



#79
Terphenyl-d14
Concen: 60.788 ng
RT: 13.075 min Scan# 1868
Delta R.T. 0.000 min
Lab File: BF130838.D
Acq: 28 Oct 2022 22:59

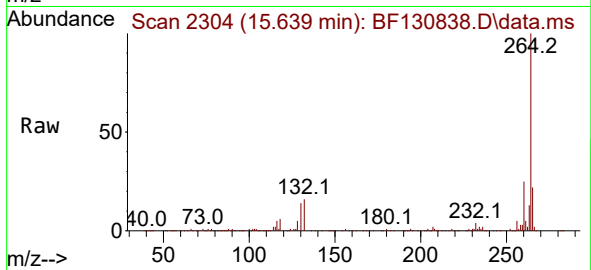
Tgt Ion:244 Resp: 964735
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.2
122 8.5 7.9 11.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF130838.D
 Acq: 28 Oct 2022 22:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-5S



Tgt Ion:264 Resp: 209678
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.9 29.9
 265 21.5 17.0 25.6

