

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
 Data File : BF130836.D
 Acq On : 28 Oct 2022 21:59
 Operator : CG\JU
 Sample : N5281-11RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5D

Quant Time: Oct 29 05:46:52 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)

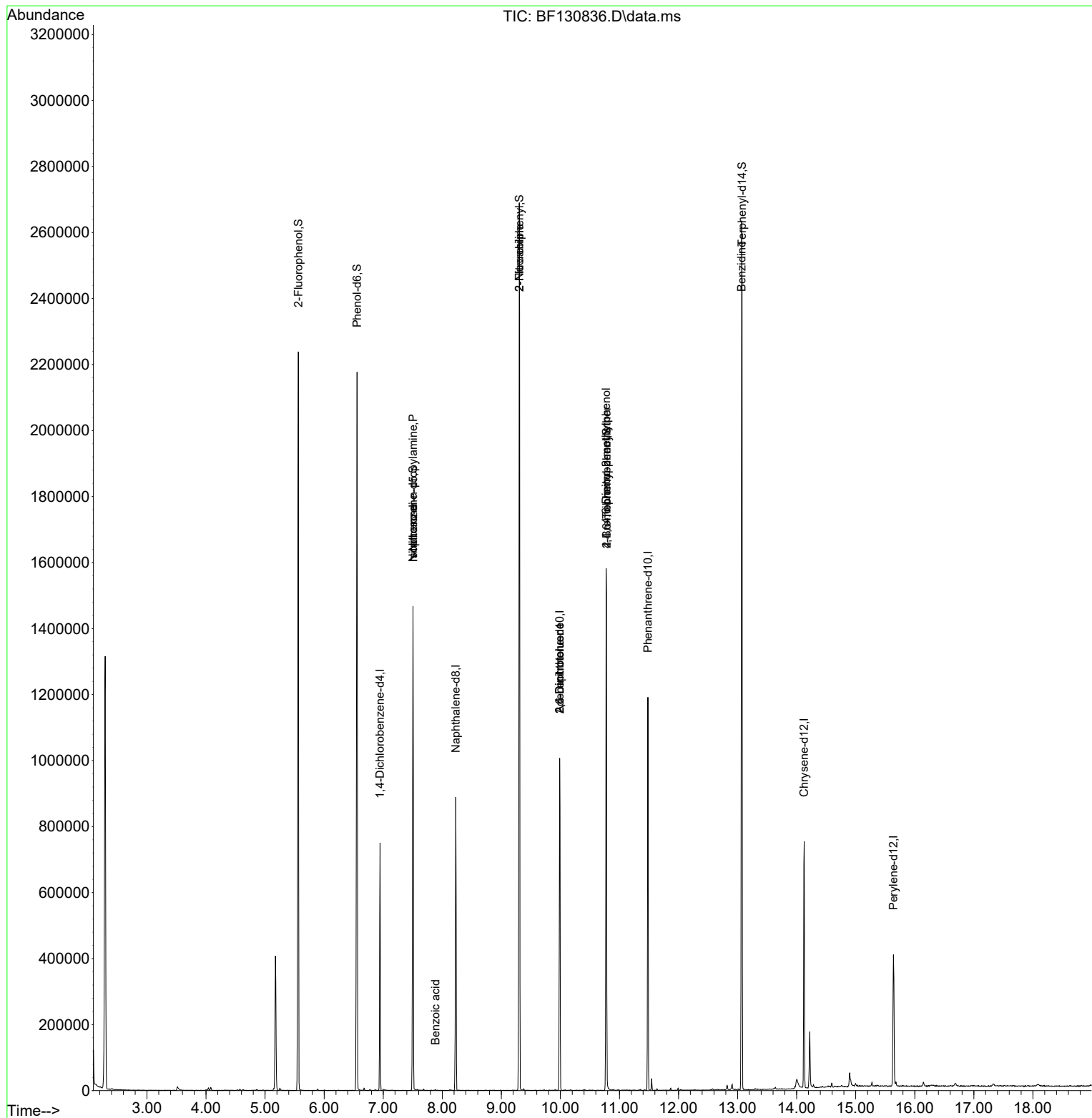
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.946	152	97890	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	372425	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	204272	20.000	ng	-0.01
64) Phenanthrene-d10	11.481	188	385379	20.000	ng	0.00
76) Chrysene-d12	14.127	240	254649	20.000	ng	0.00
86) Perylene-d12	15.639	264	181930	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	525323	93.034	ng	0.00
7) Phenol-d6	6.557	99	694217	94.609	ng	0.00
23) Nitrobenzene-d5	7.504	82	451689	73.132	ng	-0.01
42) 2,4,6-Tribromophenol	10.781	330	178039	103.538	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	873278	64.634	ng	0.00
79) Terphenyl-d14	13.075	244	926723	66.687	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	61600	12.339	ng	# 81
25) Isophorone	7.504	82	451685	35.464	ng	# 66
32) Benzoic acid	7.887	122	460	7.782	ng	# 78
48) 2-Nitroaniline	9.304	65	1546	4.523	ng	# 1
51) 2,6-Dinitrotoluene	9.986	165	26979	12.316	ng	# 14
57) 2,4-Dinitrotoluene	9.986	165	26979	11.136	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.775	198	512	8.194	ng	# 1
67) 4-Bromophenyl-phenylether	10.781	248	11732	3.027	ng	# 1
77) Benzidine	13.069	184	13867	2.243	ng	# 91

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
Data File : BF130836.D
Acq On : 28 Oct 2022 21:59
Operator : CG\JU
Sample : N5281-11RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5D

Quant Time: Oct 29 05:46:52 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

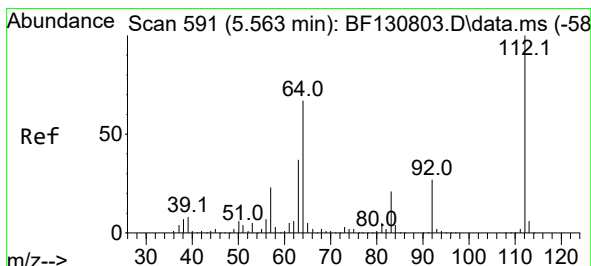
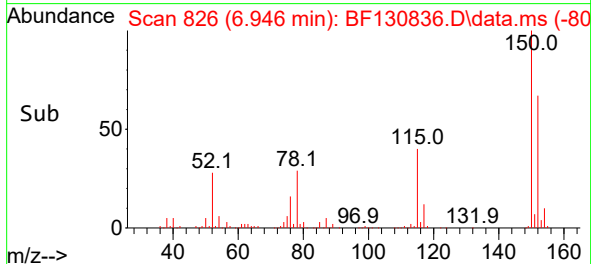
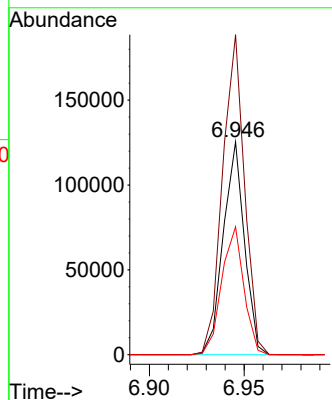
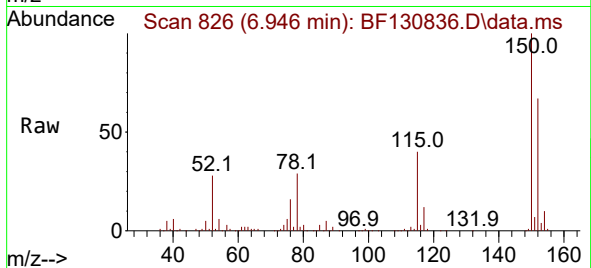




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.946 min Scan# 81
Delta R.T. 0.001 min
Lab File: BF130836.D
Acq: 28 Oct 2022 21:59

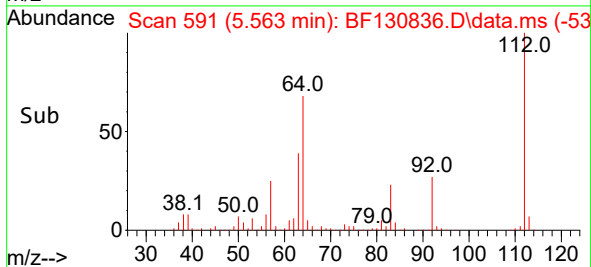
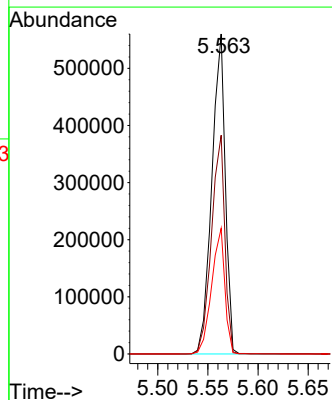
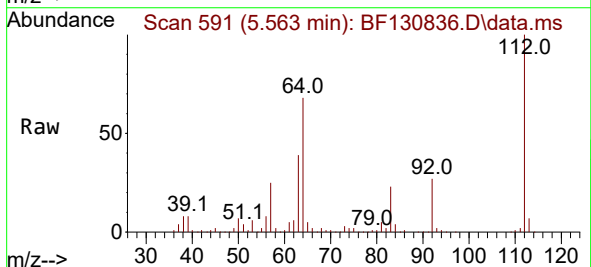
Instrument :
BNA_F
ClientSampleId :
SB-5D

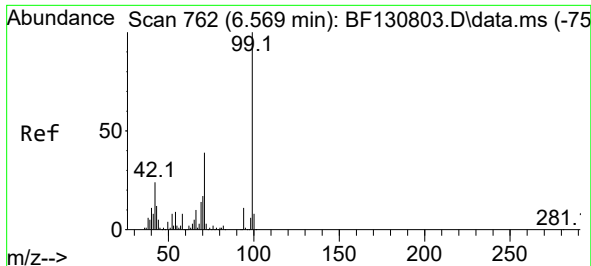
Tgt Ion:152 Resp: 97890
Ion Ratio Lower Upper
152 100
150 150.3 124.1 186.1
115 60.1 50.1 75.1



#5
2-Fluorophenol
Concen: 93.034 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.006 min
Lab File: BF130836.D
Acq: 28 Oct 2022 21:59

Tgt Ion:112 Resp: 525323
Ion Ratio Lower Upper
112 100
64 68.3 53.9 80.9
63 39.3 29.4 44.2

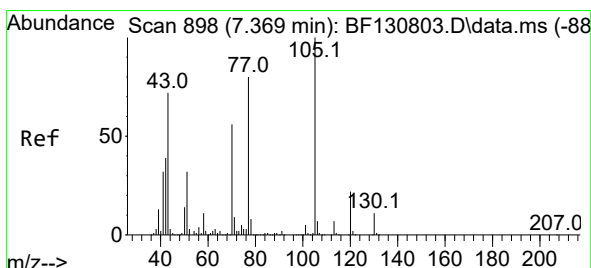
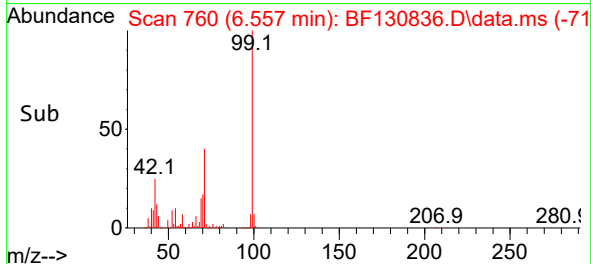
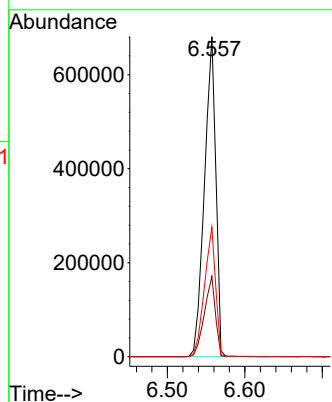
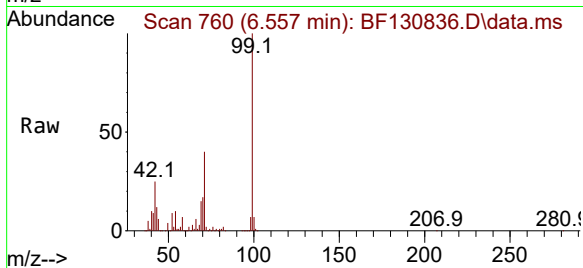




#7
Phenol-d6
Concen: 94.609 ng
RT: 6.557 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF130836.D
Acq: 28 Oct 2022 21:59

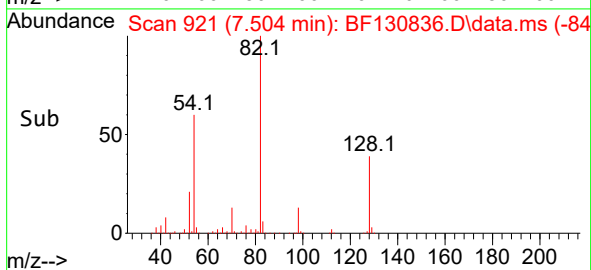
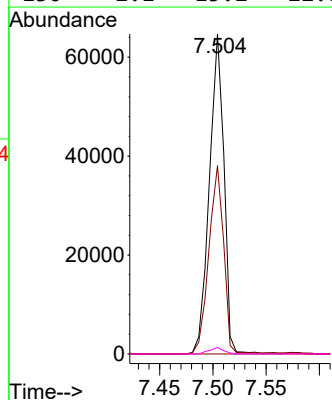
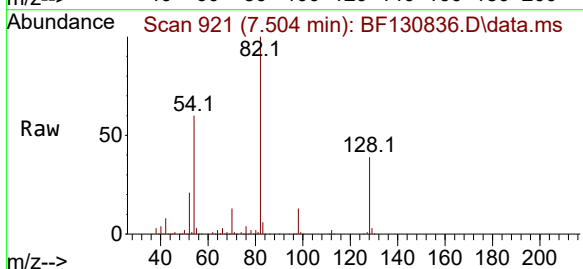
Instrument :
BNA_F
ClientSampleId :
SB-5D

Tgt Ion: 99 Resp: 694217
Ion Ratio Lower Upper
99 100
42 25.1 18.8 28.2
71 40.4 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.339 ng
RT: 7.504 min Scan# 921
Delta R.T. 0.141 min
Lab File: BF130836.D
Acq: 28 Oct 2022 21:59

Tgt Ion: 70 Resp: 61600
Ion Ratio Lower Upper
70 100
42 58.9 56.1 84.1
101 0.0 7.3 10.9#
130 2.1 15.2 22.8#



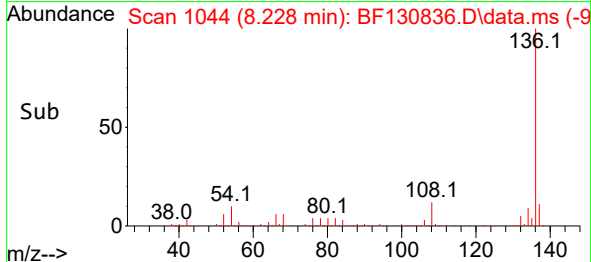
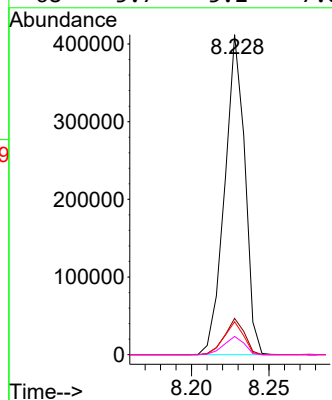
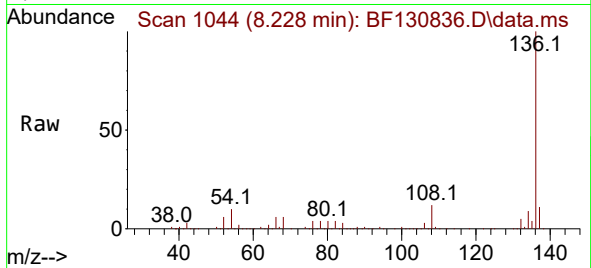


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF130836.D
Acq: 28 Oct 2022 21:59

Instrument :
BNA_F
ClientSampleId :
SB-5D

Tgt Ion:136 Resp: 372425

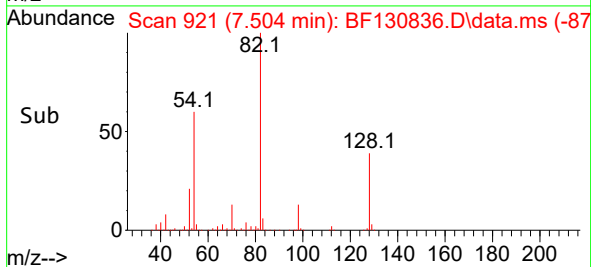
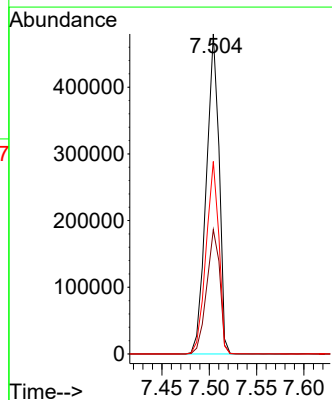
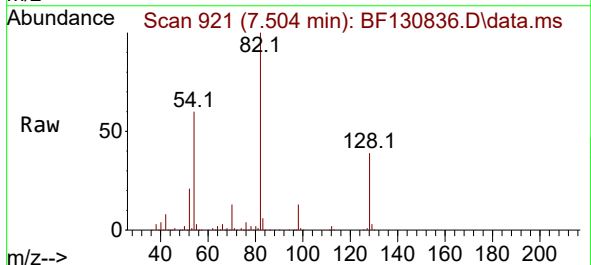
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	10.3	8.8	13.2
68	5.7	5.2	7.8



#23
Nitrobenzene-d5
Concen: 73.132 ng
RT: 7.504 min Scan# 921
Delta R.T. -0.012 min
Lab File: BF130836.D
Acq: 28 Oct 2022 21:59

Tgt Ion: 82 Resp: 451689

Ion	Ratio	Lower	Upper
82	100		
128	38.8	31.2	46.8
54	60.2	48.0	72.0

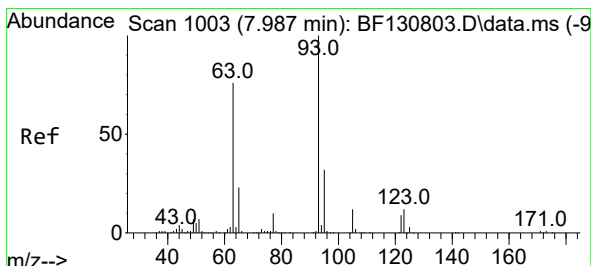
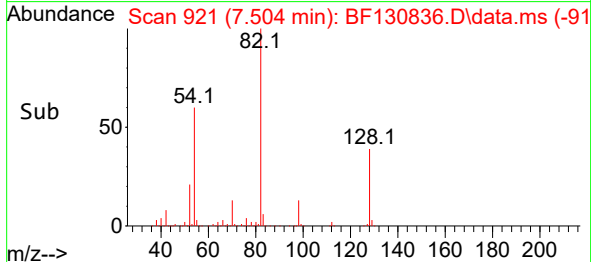
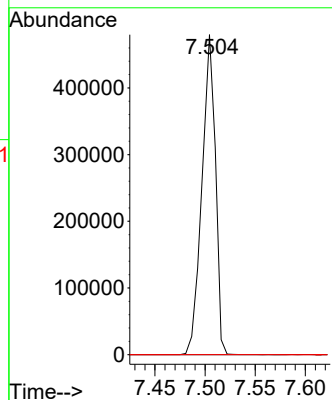
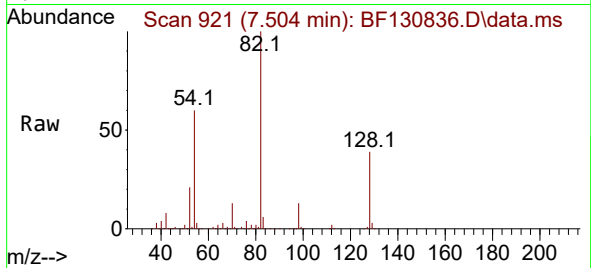




#25
Isophorone
Concen: 35.464 ng
RT: 7.504 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130836.D
Acq: 28 Oct 2022 21:59

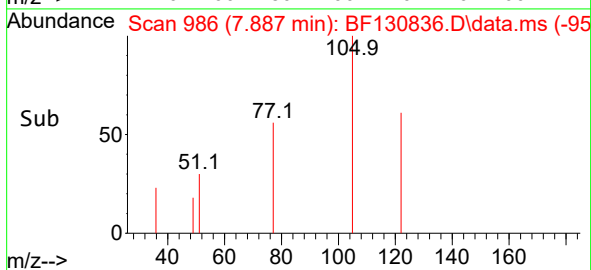
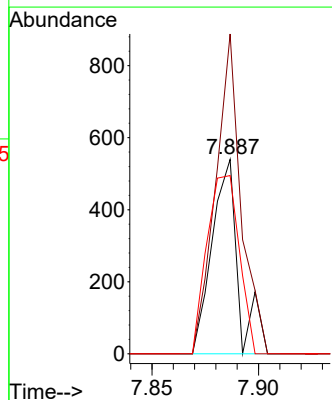
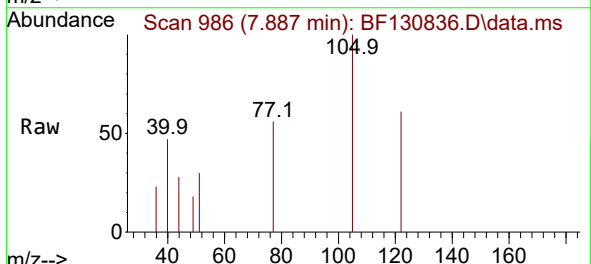
Instrument :
BNA_F
ClientSampleId :
SB-5D

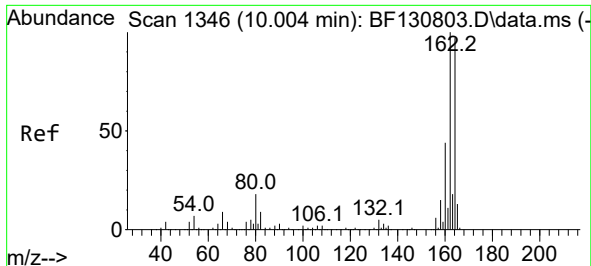
Tgt Ion: 82 Resp: 451685
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.782 ng
RT: 7.887 min Scan# 986
Delta R.T. -0.100 min
Lab File: BF130836.D
Acq: 28 Oct 2022 21:59

Tgt Ion: 122 Resp: 460
Ion Ratio Lower Upper
122 100
105 164.4 114.5 154.5#
77 91.7 89.8 129.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.986 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF130836.D

Acq: 28 Oct 2022 21:59

Instrument :

BNA_F

ClientSampleId :

SB-5D

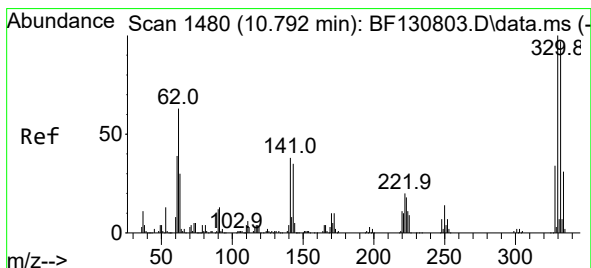
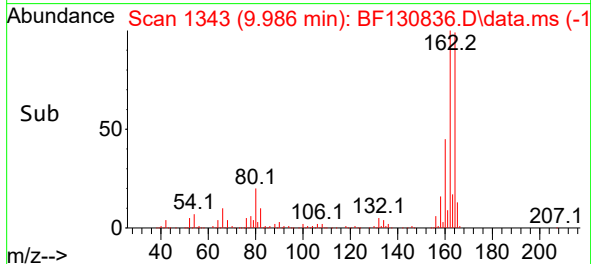
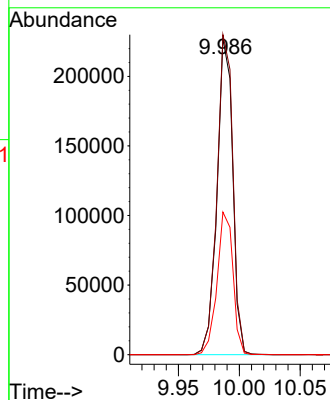
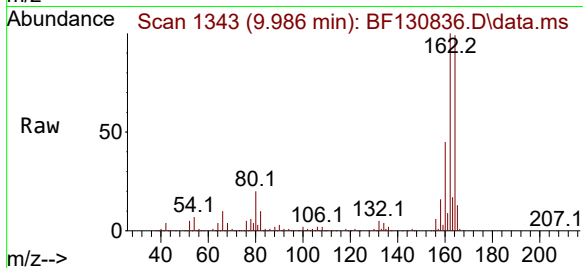
Tgt Ion:164 Resp: 204272

Ion Ratio Lower Upper

164 100

162 101.2 82.2 123.2

160 45.1 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 103.538 ng

RT: 10.781 min Scan# 1478

Delta R.T. -0.006 min

Lab File: BF130836.D

Acq: 28 Oct 2022 21:59

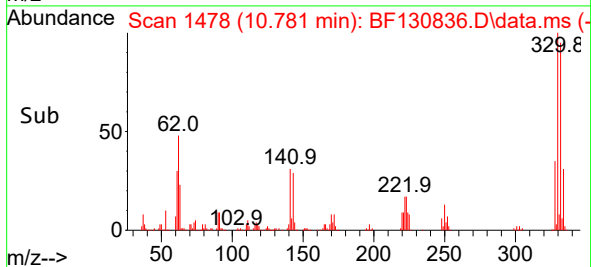
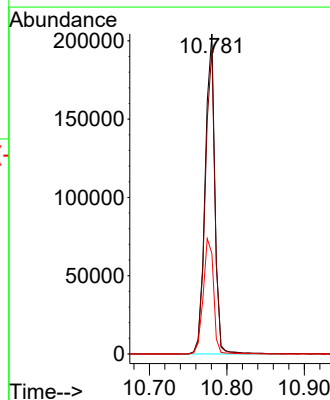
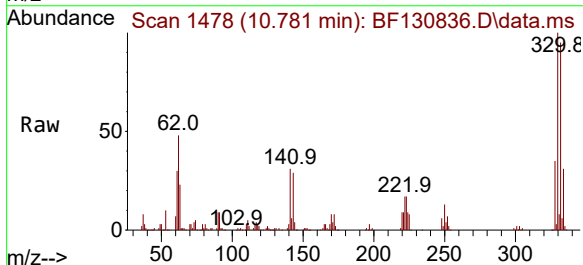
Tgt Ion:330 Resp: 178039

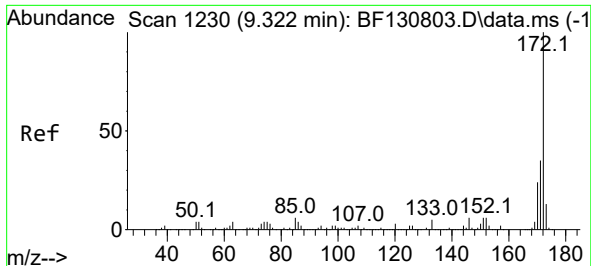
Ion Ratio Lower Upper

330 100

332 94.0 76.2 114.4

141 38.3 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 64.634 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF130836.D

Acq: 28 Oct 2022 21:59

Instrument :

BNA_F

ClientSampleId :

SB-5D

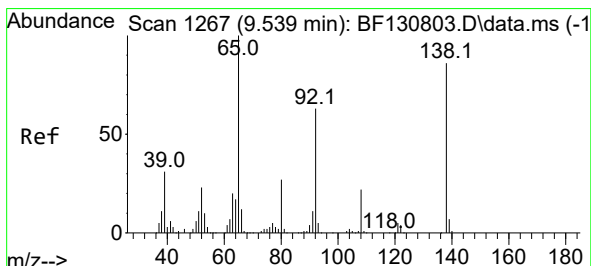
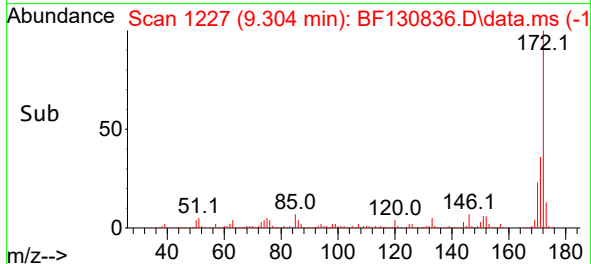
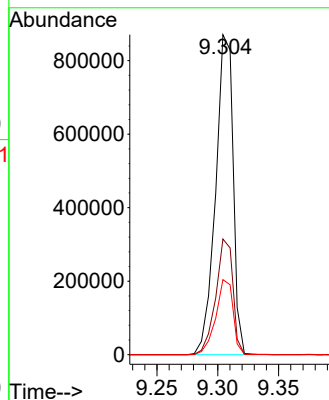
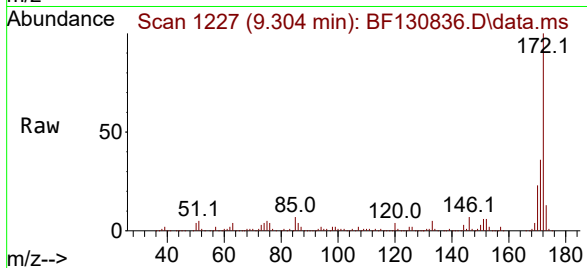
Tgt Ion:172 Resp: 873278

Ion Ratio Lower Upper

172 100

171 36.1 28.1 42.1

170 23.5 19.0 28.4



#48

2-Nitroaniline

Concen: 4.523 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.229 min

Lab File: BF130836.D

Acq: 28 Oct 2022 21:59

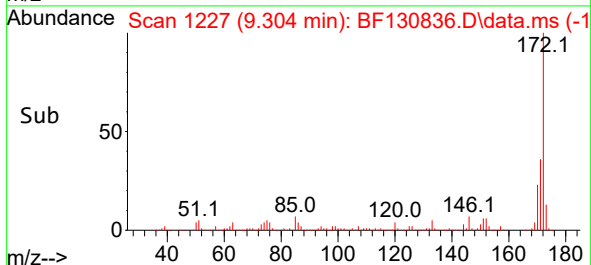
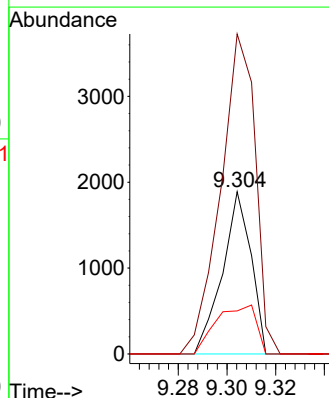
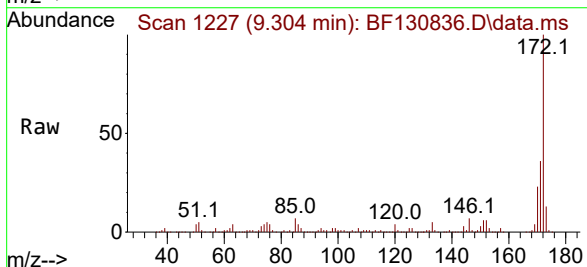
Tgt Ion: 65 Resp: 1546

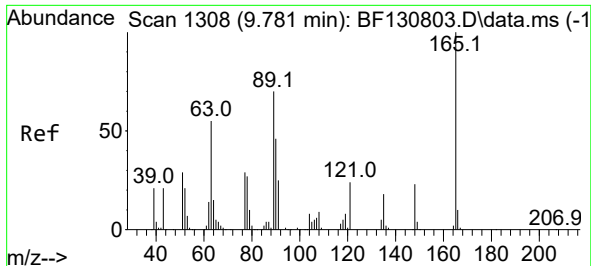
Ion Ratio Lower Upper

65 100

92 197.2 50.1 75.1#

138 26.5 69.2 103.8#





#51

2,6-Dinitrotoluene

Concen: 12.316 ng

RT: 9.986 min Scan# 1343

Delta R.T. 0.212 min

Lab File: BF130836.D

Acq: 28 Oct 2022 21:59

Instrument :

BNA_F

ClientSampleId :

SB-5D

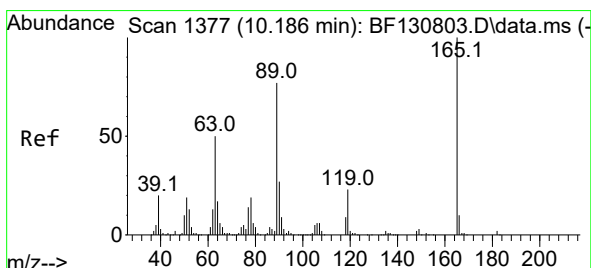
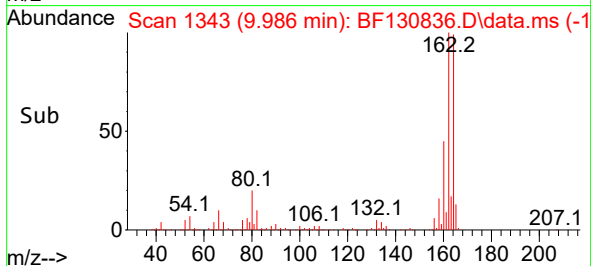
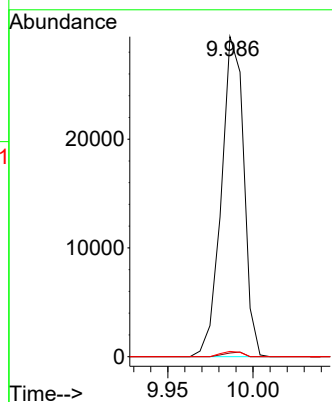
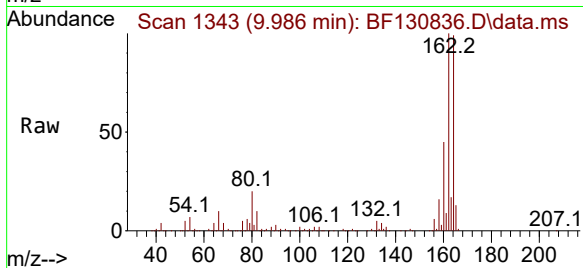
Tgt Ion:165 Resp: 26979

Ion Ratio Lower Upper

165 100

63 1.1 61.8 92.8#

89 1.6 56.2 84.4#



#57

2,4-Dinitrotoluene

Concen: 11.136 ng

RT: 9.986 min Scan# 1343

Delta R.T. -0.194 min

Lab File: BF130836.D

Acq: 28 Oct 2022 21:59

Tgt Ion:165 Resp: 26979

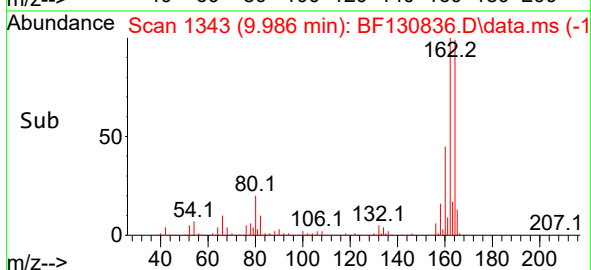
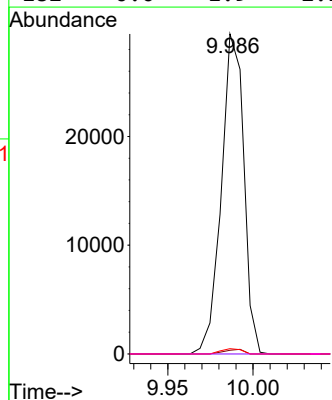
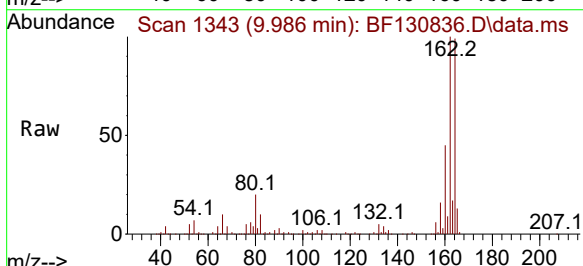
Ion Ratio Lower Upper

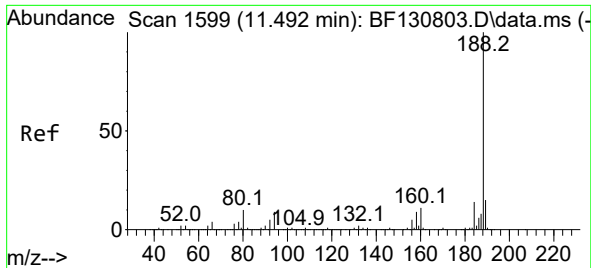
165 100

63 1.1 39.8 59.6#

89 1.6 61.9 92.9#

182 0.0 1.9 2.9#

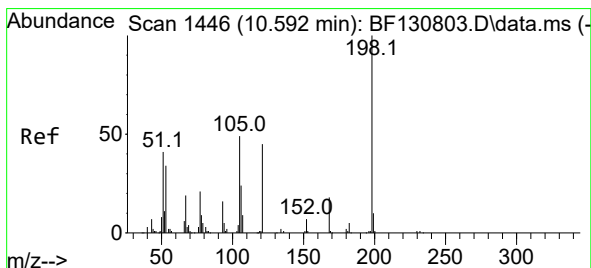
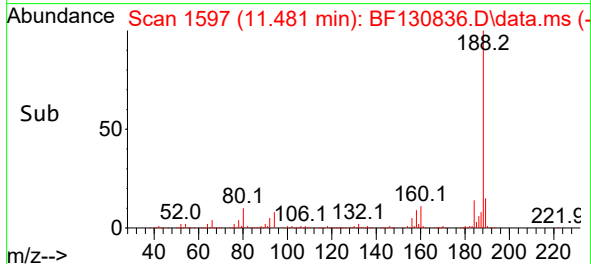
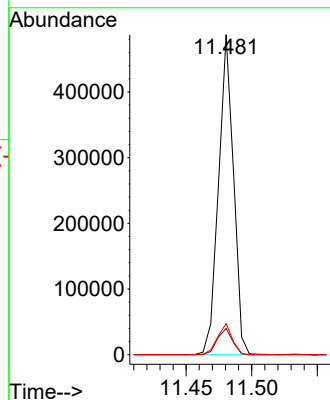
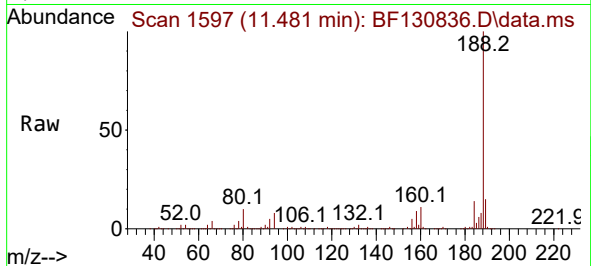




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.481 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130836.D
Acq: 28 Oct 2022 21:59

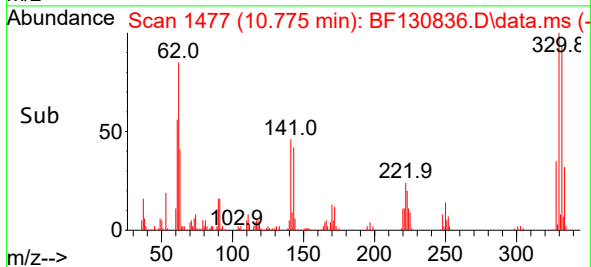
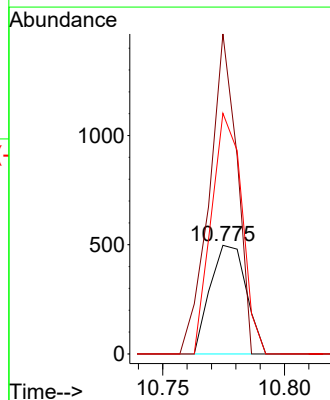
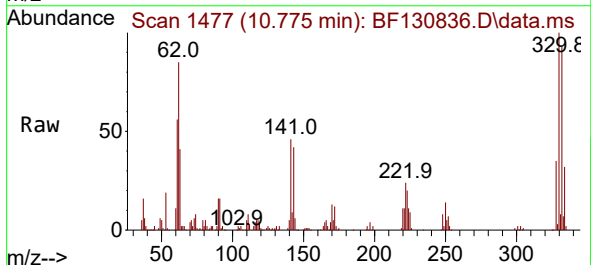
Instrument :
BNA_F
ClientSampleId :
SB-5D

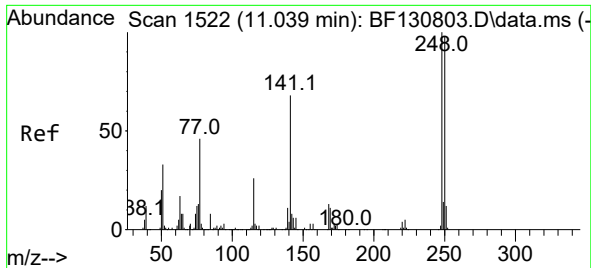
Tgt Ion:188 Resp: 385379
Ion Ratio Lower Upper
188 100
94 8.2 7.4 11.2
80 9.7 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 8.194 ng
RT: 10.775 min Scan# 1477
Delta R.T. 0.188 min
Lab File: BF130836.D
Acq: 28 Oct 2022 21:59

Tgt Ion:198 Resp: 512
Ion Ratio Lower Upper
198 100
51 294.8 39.0 79.0#
105 221.7 30.6 70.6#

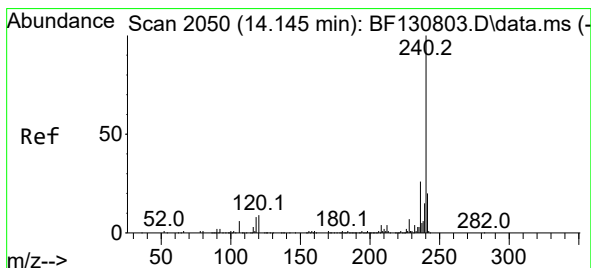
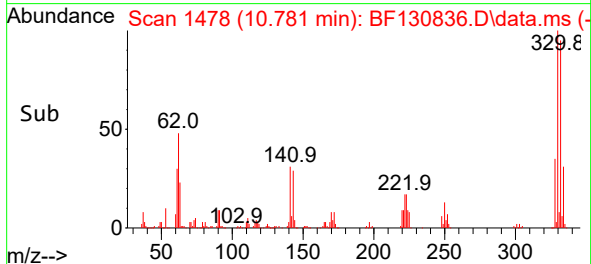
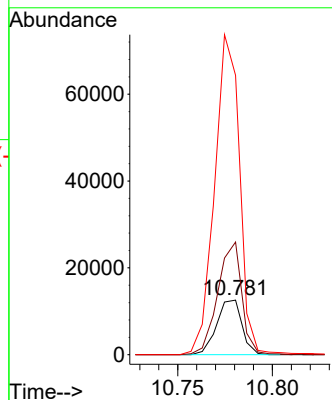
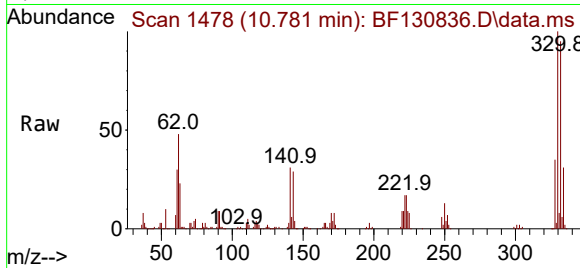




#67
4-Bromophenyl-phenylether
Concen: 3.027 ng
RT: 10.781 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF130836.D
Acq: 28 Oct 2022 21:59

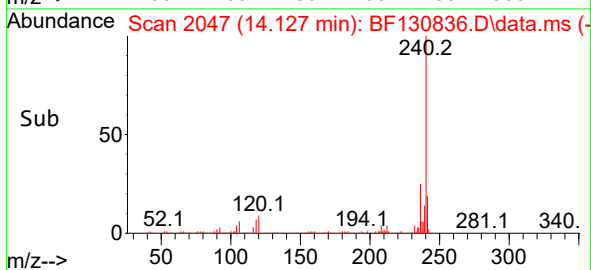
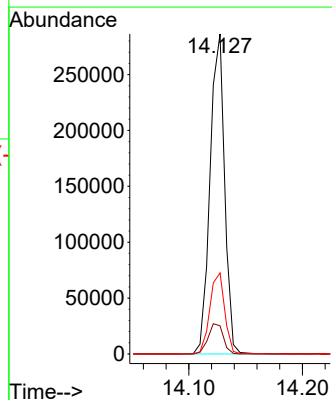
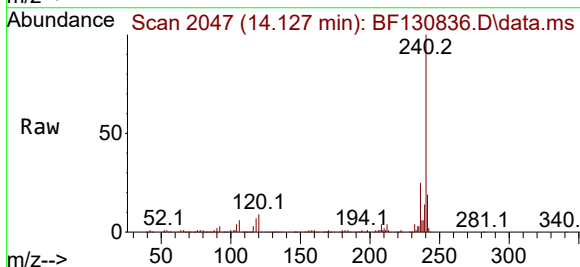
Instrument :
BNA_F
ClientSampleId :
SB-5D

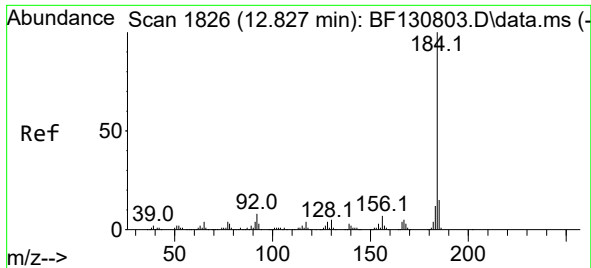
Tgt Ion:248 Resp: 11732
Ion Ratio Lower Upper
248 100
250 206.2 78.6 117.8#
141 511.3 54.2 81.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BF130836.D
Acq: 28 Oct 2022 21:59

Tgt Ion:240 Resp: 254649
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.4
236 25.4 20.5 30.7

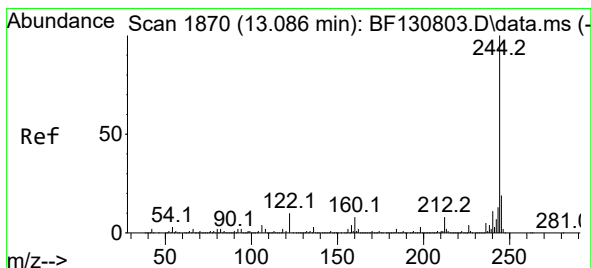
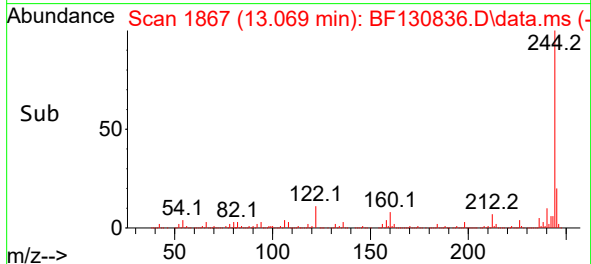
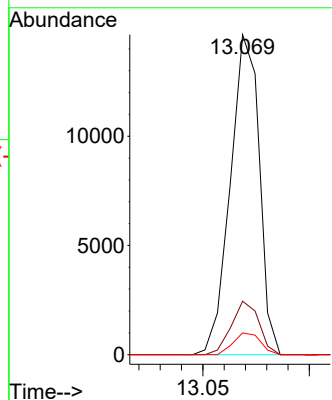
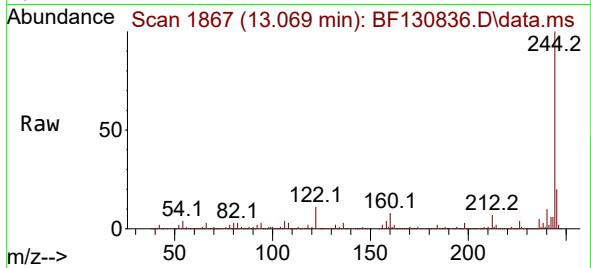




#77
Benzidine
Concen: 2.243 ng
RT: 13.069 min Scan# 1867
Delta R.T. 0.247 min
Lab File: BF130836.D
Acq: 28 Oct 2022 21:59

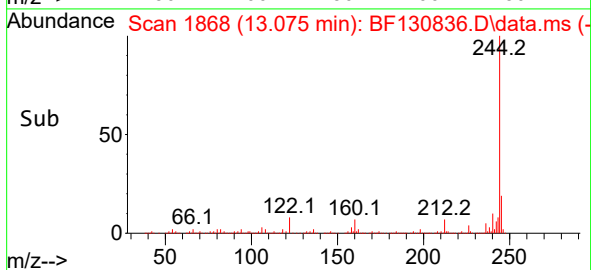
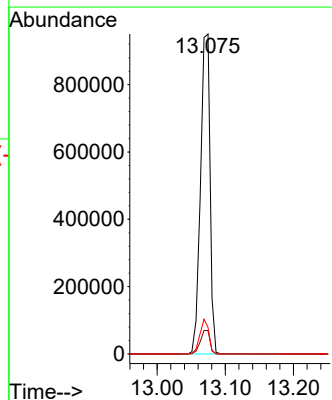
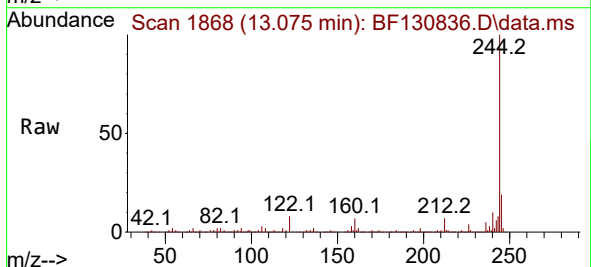
Instrument :
BNA_F
ClientSampleId :
SB-5D

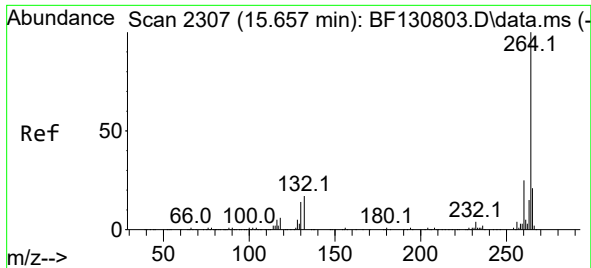
Tgt Ion:184 Resp: 13867
Ion Ratio Lower Upper
184 100
185 16.7 11.8 17.8
183 6.8 9.7 14.5#



#79
Terphenyl-d14
Concen: 66.687 ng
RT: 13.075 min Scan# 1868
Delta R.T. 0.000 min
Lab File: BF130836.D
Acq: 28 Oct 2022 21:59

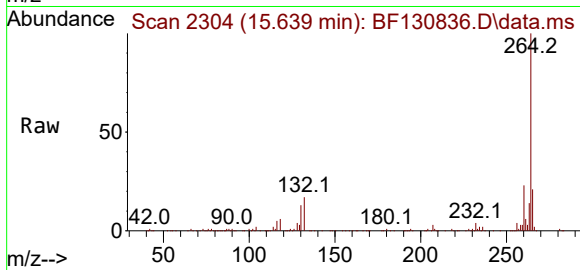
Tgt Ion:244 Resp: 926723
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.2
122 8.3 7.9 11.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF130836.D
 Acq: 28 Oct 2022 21:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-5D



Tgt Ion:264 Resp: 181930
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.9 29.9
 265 20.8 17.0 25.6

