

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
 Data File : BF130852.D
 Acq On : 29 Oct 2022 12:39
 Operator : CG\JU
 Sample : PB148592BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148592BL

Quant Time: Oct 30 23:22:49 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)

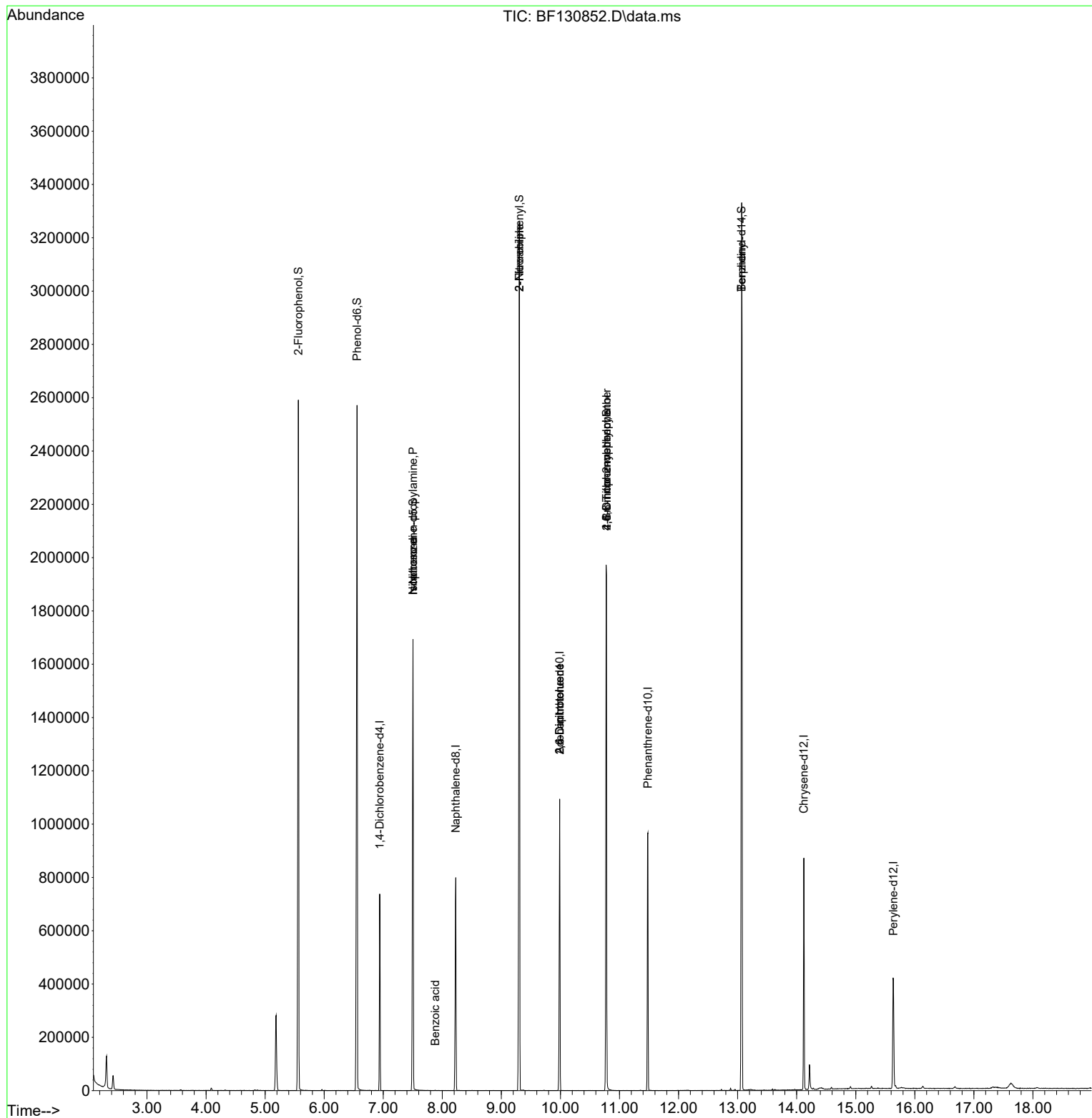
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	94738	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	364593	20.000	ng	# 0.00
39) Acenaphthene-d10	9.986	164	200862	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	365711	20.000	ng	# 0.00
76) Chrysene-d12	14.121	240	268104	20.000	ng	-0.01
86) Perylene-d12	15.639	264	193032	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	689004	126.081	ng	0.00
7) Phenol-d6	6.557	99	862023	121.387	ng	0.00
23) Nitrobenzene-d5	7.504	82	552229	91.331	ng	-0.01
42) 2,4,6-Tribromophenol	10.780	330	223893	132.414	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1067519	80.352	ng	0.00
79) Terphenyl-d14	13.068	244	1186135	81.071	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	75005	15.523	ng	# 81
25) Isophorone	7.504	82	552008	44.272	ng	# 66
32) Benzoic acid	7.880	122	57	7.693	ng	# 88
48) 2-Nitroaniline	9.304	65	2112	4.670	ng	# 1
51) 2,6-Dinitrotoluene	9.986	165	25175	11.830	ng	# 14
57) 2,4-Dinitrotoluene	9.986	165	25175	10.757	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.780	198	605	8.259	ng	# 1
67) 4-Bromophenyl-phenylether	10.780	248	14635	3.979	ng	# 1
77) Benzidine	13.068	184	18584	2.855	ng	# 91

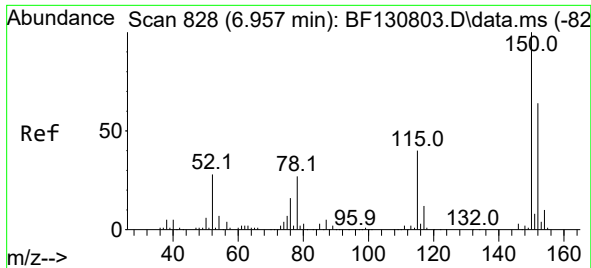
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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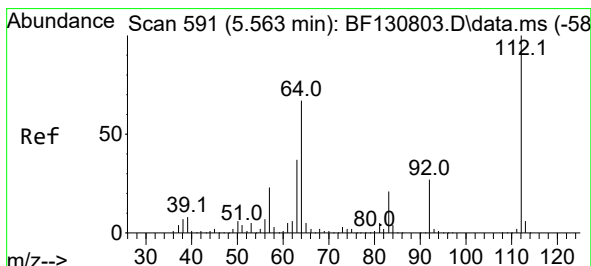
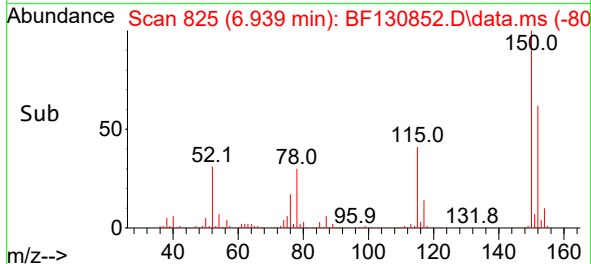
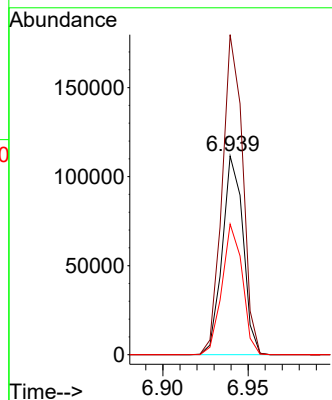
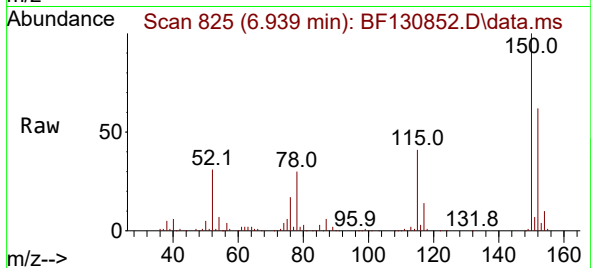




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130852.D
Acq: 29 Oct 2022 12:39

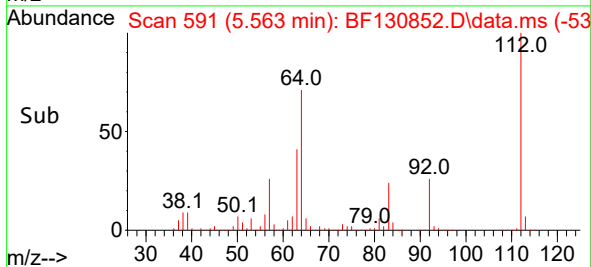
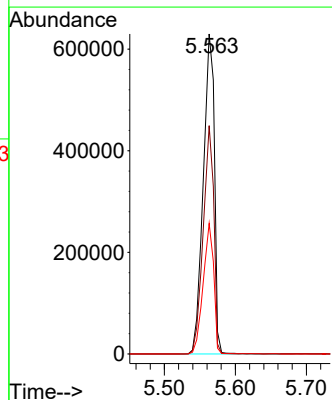
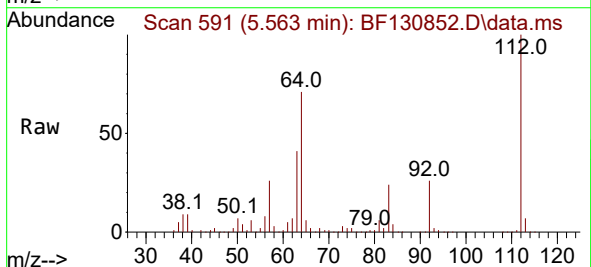
Instrument :
BNA_F
ClientSampleId :
PB148592BL

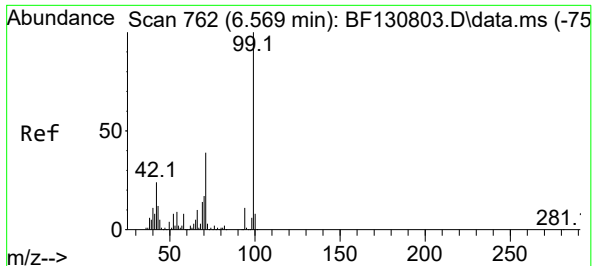
Tgt Ion:152 Resp: 94738
Ion Ratio Lower Upper
152 100
150 161.0 124.1 186.1
115 65.7 50.1 75.1



#5
2-Fluorophenol
Concen: 126.081 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.006 min
Lab File: BF130852.D
Acq: 29 Oct 2022 12:39

Tgt Ion:112 Resp: 689004
Ion Ratio Lower Upper
112 100
64 71.3 53.9 80.9
63 40.8 29.4 44.2

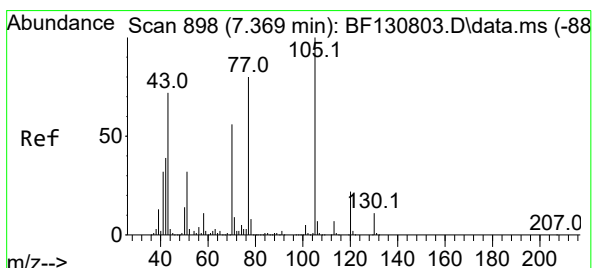
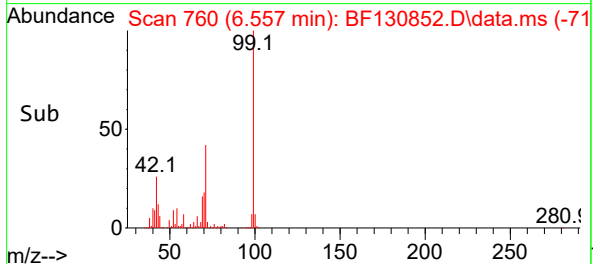
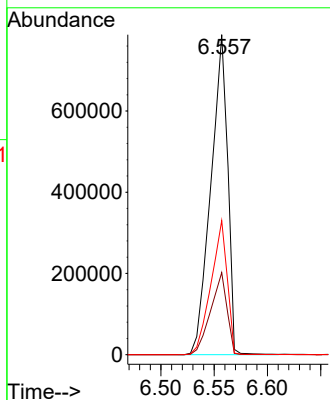
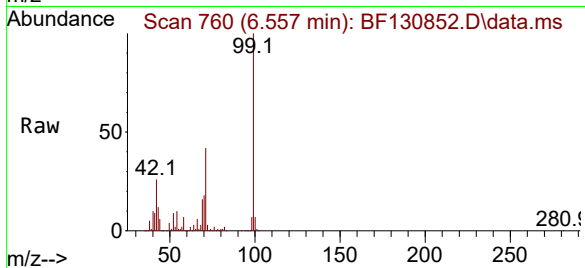




#7
Phenol-d6
Concen: 121.387 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130852.D
Acq: 29 Oct 2022 12:39

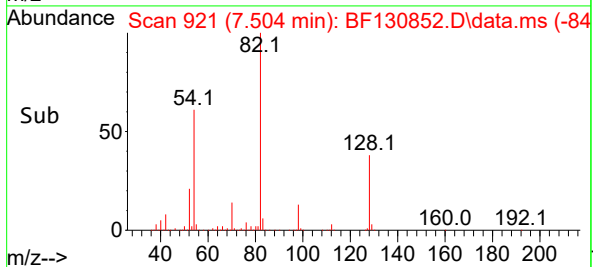
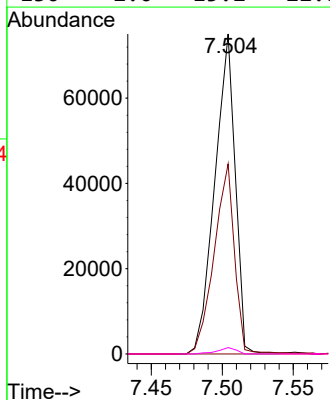
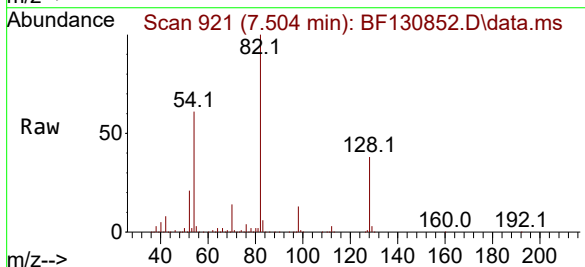
Instrument :
BNA_F
ClientSampleId :
PB148592BL

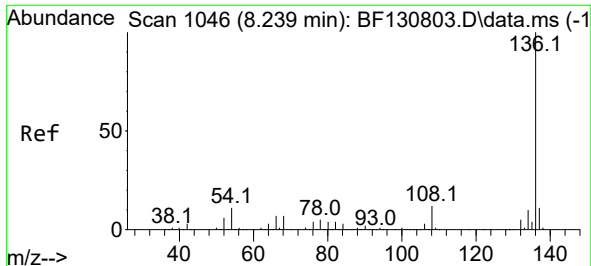
Tgt Ion: 99 Resp: 862023
Ion Ratio Lower Upper
99 100
42 25.7 18.8 28.2
71 41.9 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.523 ng
RT: 7.504 min Scan# 921
Delta R.T. 0.141 min
Lab File: BF130852.D
Acq: 29 Oct 2022 12:39

Tgt Ion: 70 Resp: 75005
Ion Ratio Lower Upper
70 100
42 59.4 56.1 84.1
101 0.0 7.3 10.9#
130 2.0 15.2 22.8#

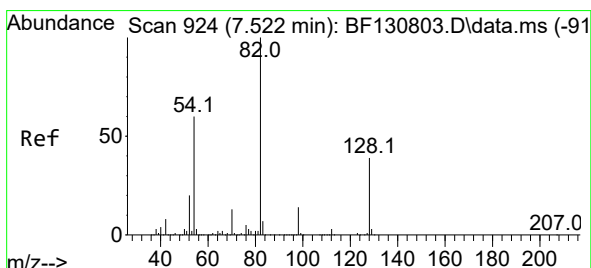
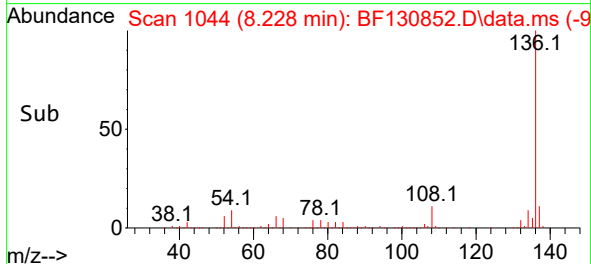
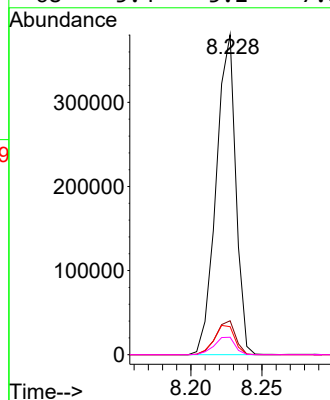
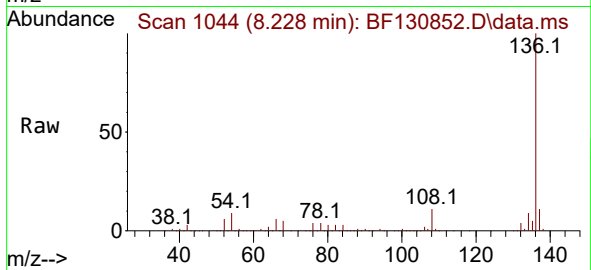




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF130852.D
Acq: 29 Oct 2022 12:39

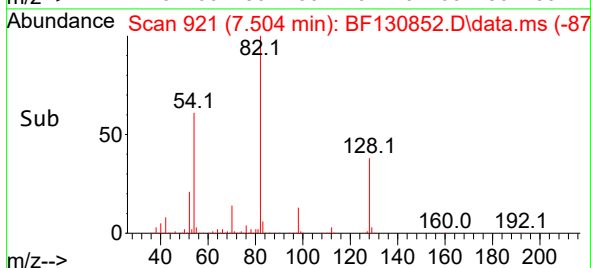
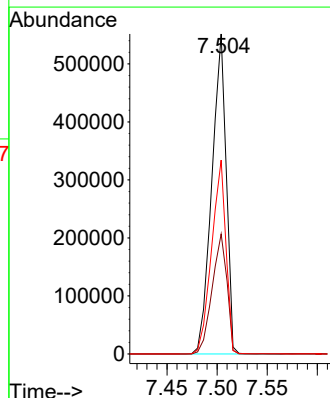
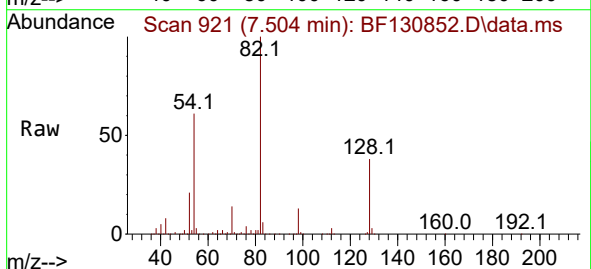
Instrument :
BNA_F
ClientSampleId :
PB148592BL

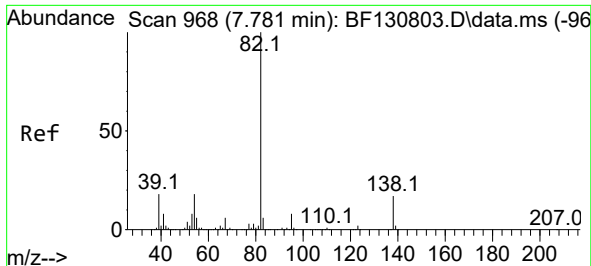
Tgt Ion:136	Resp: 364593
Ion Ratio	Lower Upper
136	100
137	10.6 9.2 13.8
54	8.7 8.8 13.2#
68	5.4 5.2 7.8



#23
Nitrobenzene-d5
Concen: 91.331 ng
RT: 7.504 min Scan# 921
Delta R.T. -0.012 min
Lab File: BF130852.D
Acq: 29 Oct 2022 12:39

Tgt Ion: 82	Resp: 552229
Ion Ratio	Lower Upper
82	100
128	37.5 31.2 46.8
54	60.6 48.0 72.0

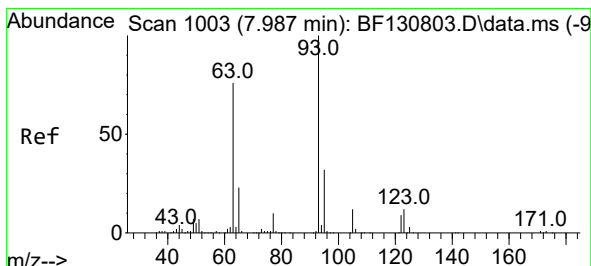
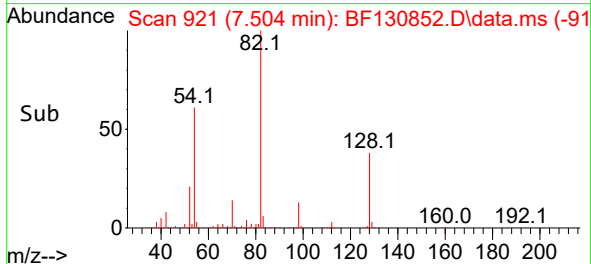
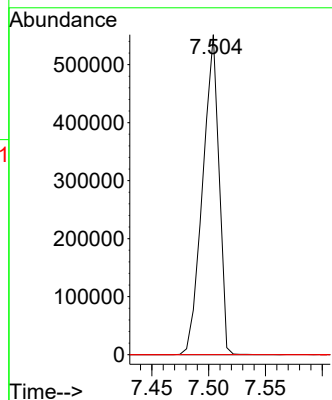
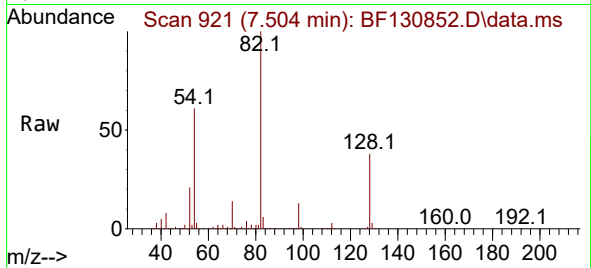




#25
Isophorone
Concen: 44.272 ng
RT: 7.504 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130852.D
Acq: 29 Oct 2022 12:39

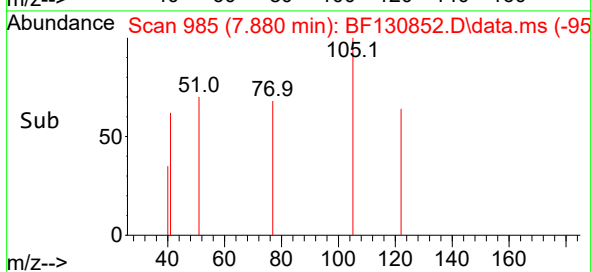
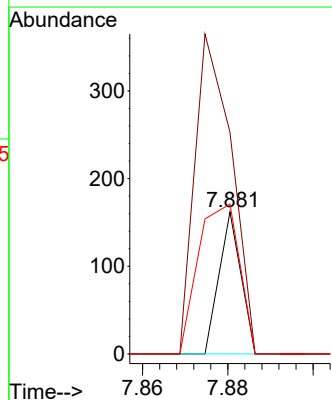
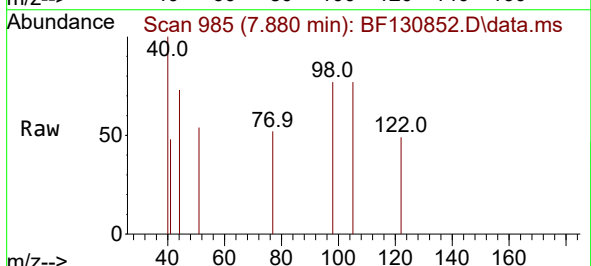
Instrument :
BNA_F
ClientSampleId :
PB148592BL

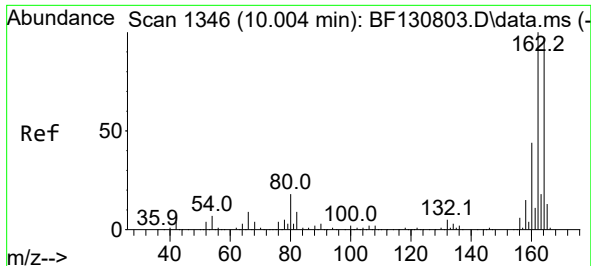
Tgt Ion: 82 Resp: 552008
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.693 ng
RT: 7.880 min Scan# 985
Delta R.T. -0.106 min
Lab File: BF130852.D
Acq: 29 Oct 2022 12:39

Tgt Ion: 122 Resp: 57
Ion Ratio Lower Upper
122 100
105 156.2 114.5 154.5#
77 105.6 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: BF130852.D

Acq: 29 Oct 2022 12:39

Instrument :

BNA_F

ClientSampleId :

PB148592BL

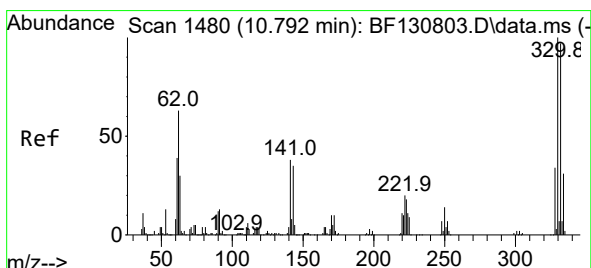
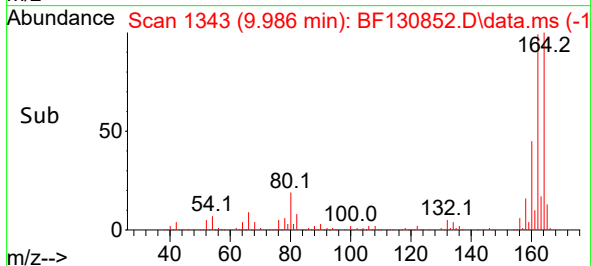
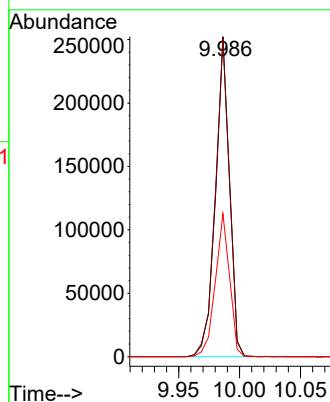
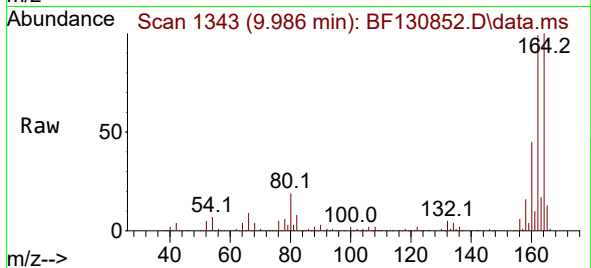
Tgt Ion:164 Resp: 200862

Ion Ratio Lower Upper

164 100

162 99.5 82.2 123.2

160 44.7 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 132.414 ng

RT: 10.780 min Scan# 1478

Delta R.T. -0.006 min

Lab File: BF130852.D

Acq: 29 Oct 2022 12:39

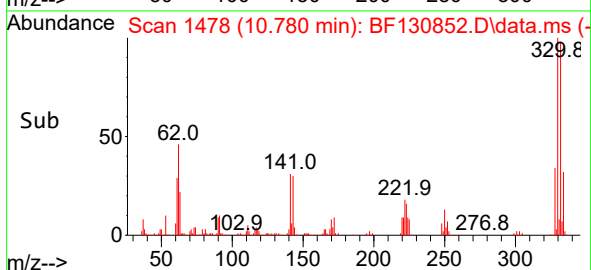
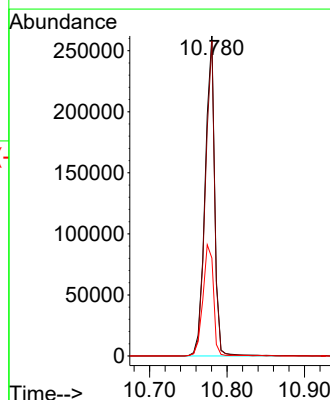
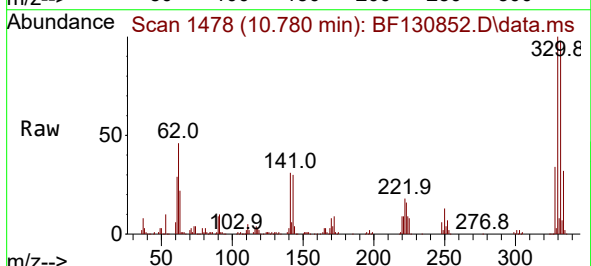
Tgt Ion:330 Resp: 223893

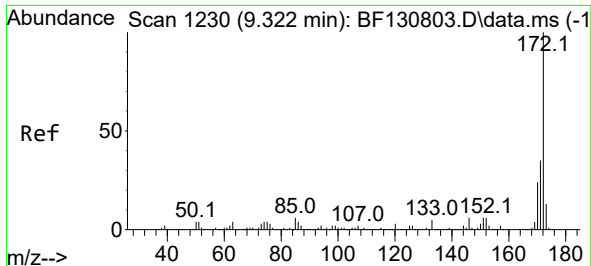
Ion Ratio Lower Upper

330 100

332 96.0 76.2 114.4

141 38.3 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 80.352 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF130852.D

Acq: 29 Oct 2022 12:39

Instrument :

BNA_F

ClientSampleId :

PB148592BL

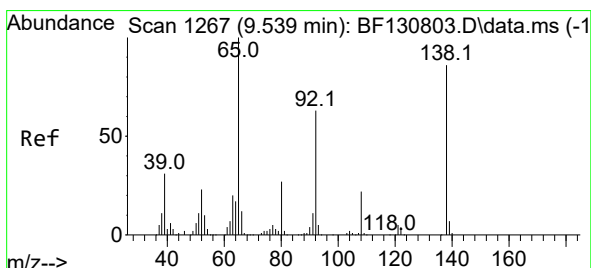
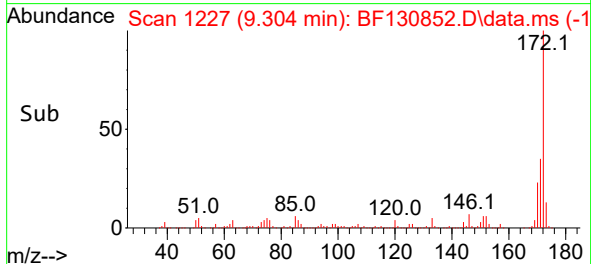
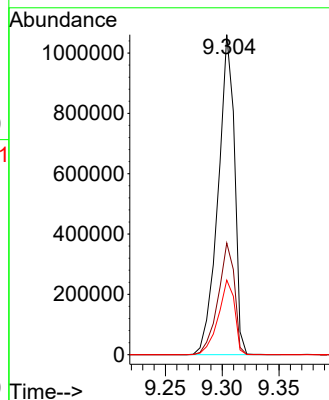
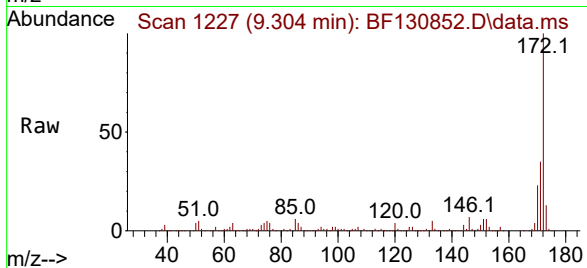
Tgt Ion:172 Resp: 1067519

Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 23.3 19.0 28.4



#48

2-Nitroaniline

Concen: 4.670 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.230 min

Lab File: BF130852.D

Acq: 29 Oct 2022 12:39

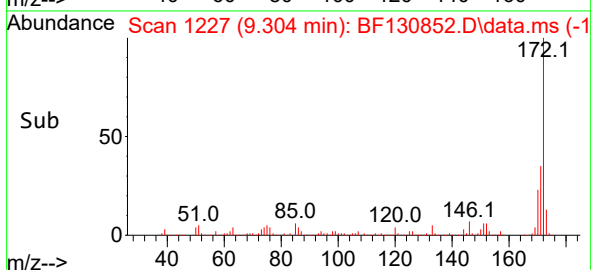
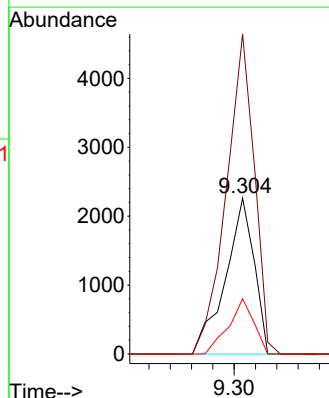
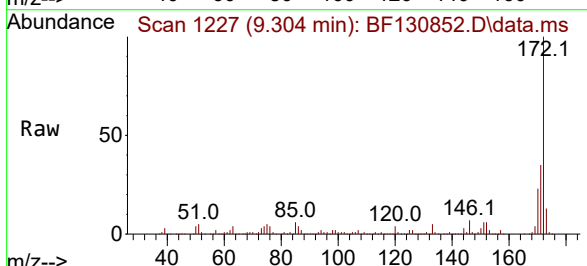
Tgt Ion: 65 Resp: 2112

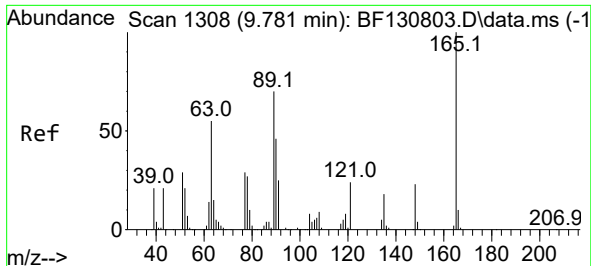
Ion Ratio Lower Upper

65 100

92 205.4 50.1 75.1#

138 35.4 69.2 103.8#

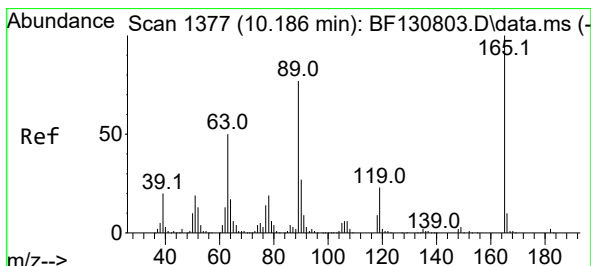
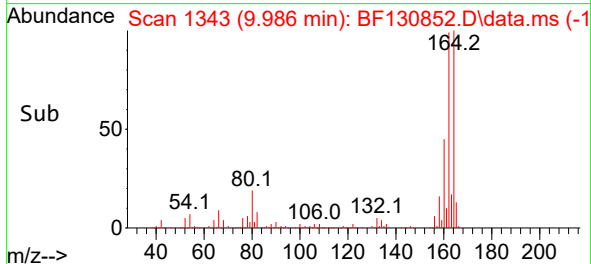
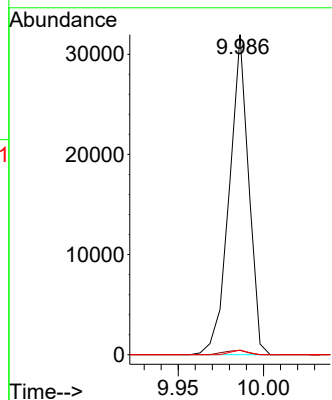
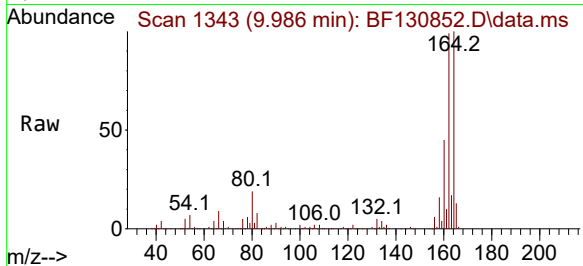




#51
2,6-Dinitrotoluene
Concen: 11.830 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.212 min
Lab File: BF130852.D
Acq: 29 Oct 2022 12:39

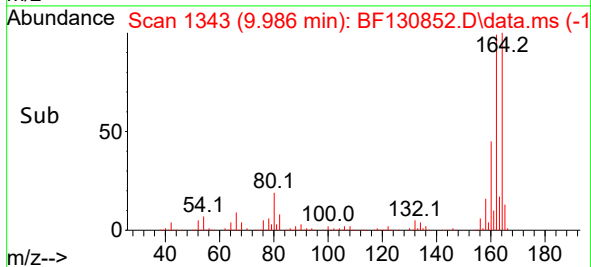
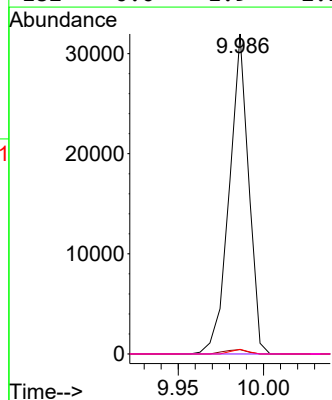
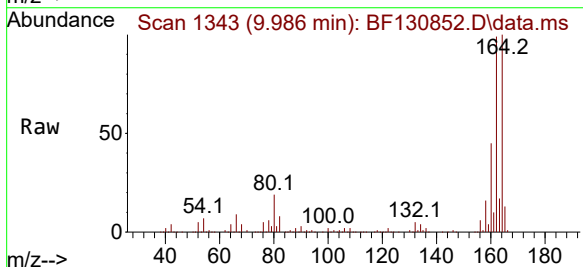
Instrument :
BNA_F
ClientSampleId :
PB148592BL

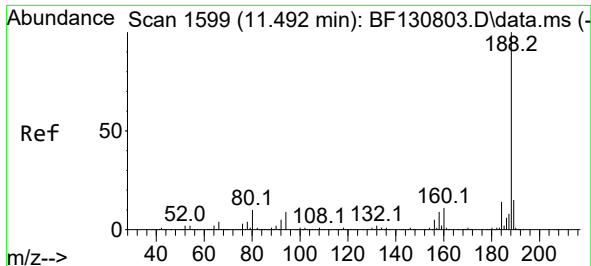
Tgt Ion:165 Resp: 25175
Ion Ratio Lower Upper
165 100
63 1.4 61.8 92.8#
89 1.4 56.2 84.4#



#57
2,4-Dinitrotoluene
Concen: 10.757 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.194 min
Lab File: BF130852.D
Acq: 29 Oct 2022 12:39

Tgt Ion:165 Resp: 25175
Ion Ratio Lower Upper
165 100
63 1.4 39.8 59.6#
89 1.4 61.9 92.9#
182 0.0 1.9 2.9#

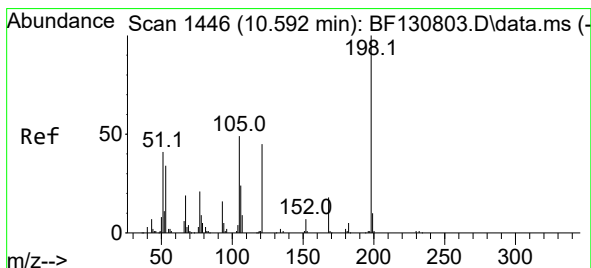
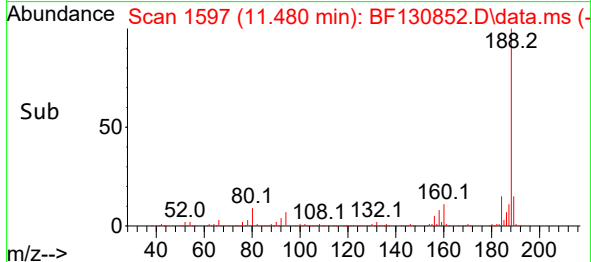
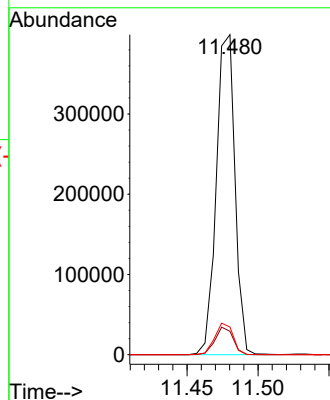
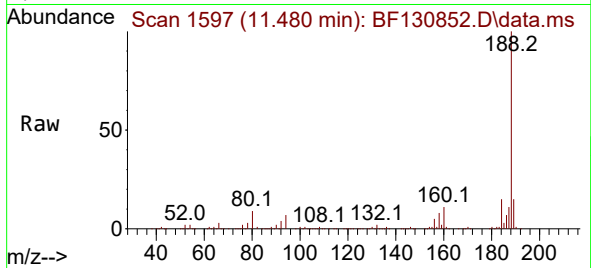




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130852.D
Acq: 29 Oct 2022 12:39

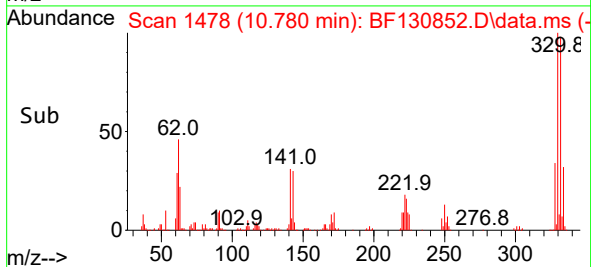
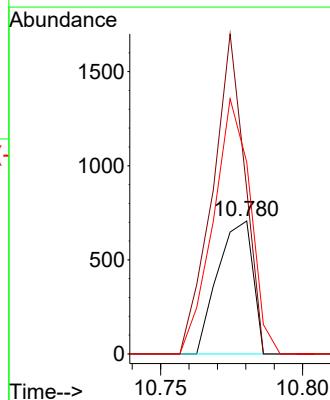
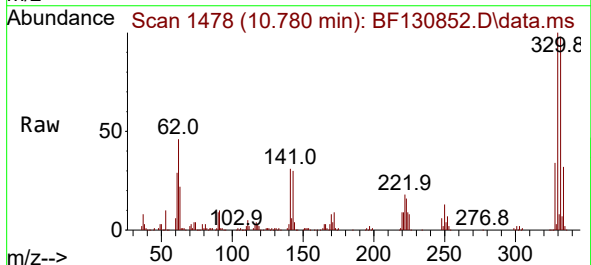
Instrument :
BNA_F
ClientSampleId :
PB148592BL

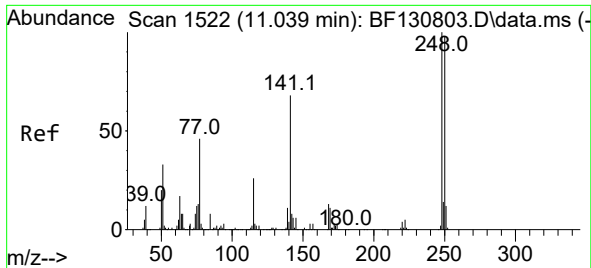
Tgt Ion:188 Resp: 365711
Ion Ratio Lower Upper
188 100
94 7.3 7.4 11.2#
80 8.6 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 8.259 ng
RT: 10.780 min Scan# 1478
Delta R.T. 0.194 min
Lab File: BF130852.D
Acq: 29 Oct 2022 12:39

Tgt Ion:198 Resp: 605
Ion Ratio Lower Upper
198 100
51 123.8 39.0 79.0#
105 144.2 30.6 70.6#

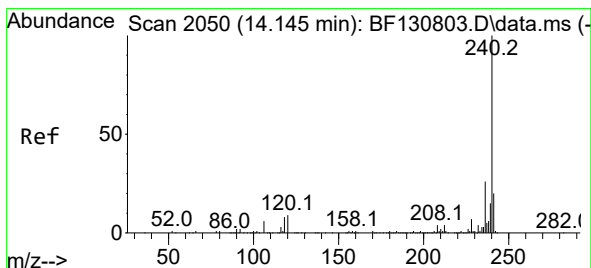
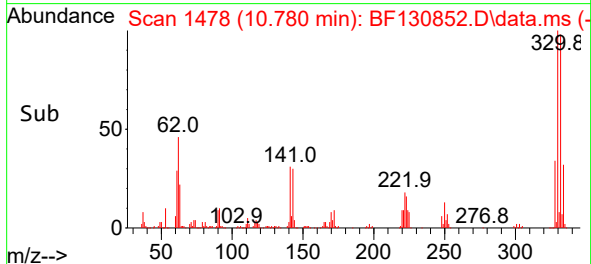
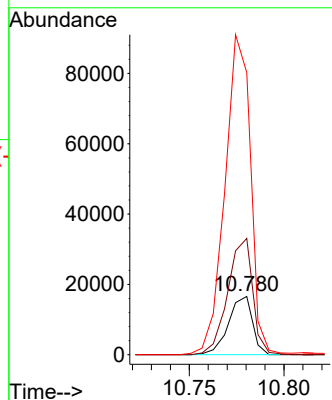
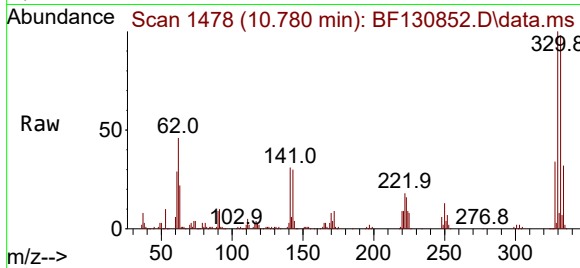




#67
4-Bromophenyl-phenylether
Concen: 3.979 ng
RT: 10.780 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF130852.D
Acq: 29 Oct 2022 12:39

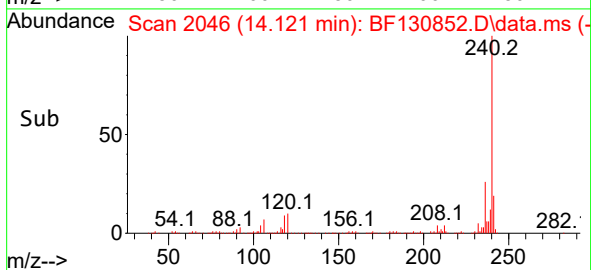
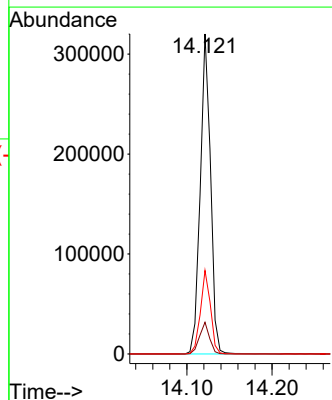
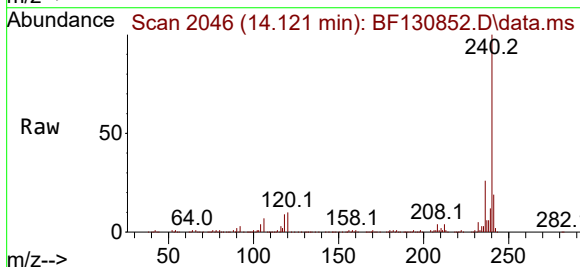
Instrument :
BNA_F
ClientSampleId :
PB148592BL

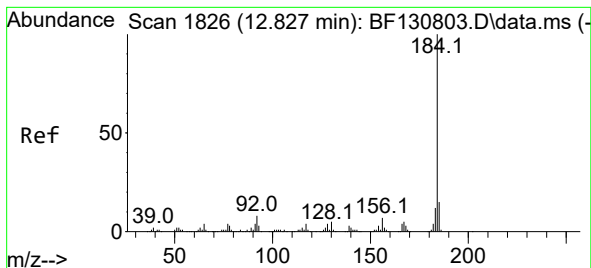
Tgt Ion:248 Resp: 14635
Ion Ratio Lower Upper
248 100
250 199.6 78.6 117.8#
141 484.2 54.2 81.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.012 min
Lab File: BF130852.D
Acq: 29 Oct 2022 12:39

Tgt Ion:240 Resp: 268104
Ion Ratio Lower Upper
240 100
120 9.9 7.0 10.4
236 26.1 20.5 30.7





#77

Benzidine

Concen: 2.855 ng

RT: 13.068 min Scan# 1867

Delta R.T. 0.247 min

Lab File: BF130852.D

Acq: 29 Oct 2022 12:39

Instrument :

BNA_F

ClientSampleId :

PB148592BL

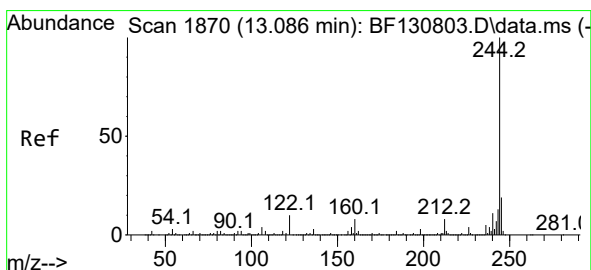
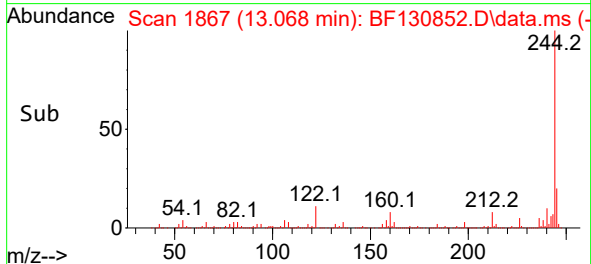
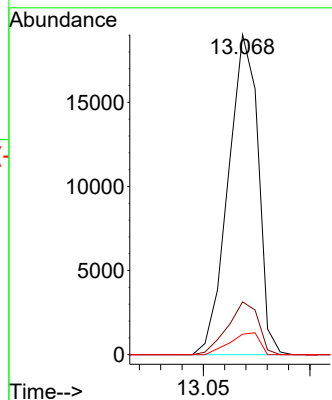
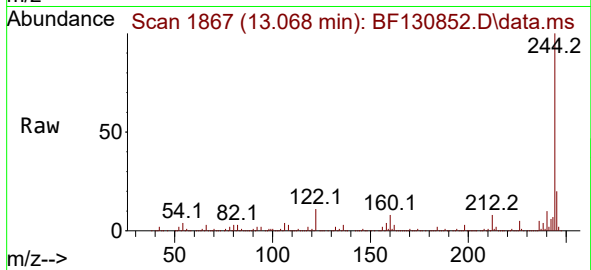
Tgt Ion:184 Resp: 18584

Ion Ratio Lower Upper

184 100

185 16.5 11.8 17.8

183 6.4 9.7 14.5#



#79

Terphenyl-d14

Concen: 81.071 ng

RT: 13.068 min Scan# 1867

Delta R.T. -0.006 min

Lab File: BF130852.D

Acq: 29 Oct 2022 12:39

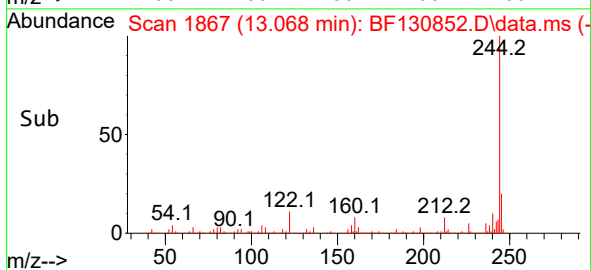
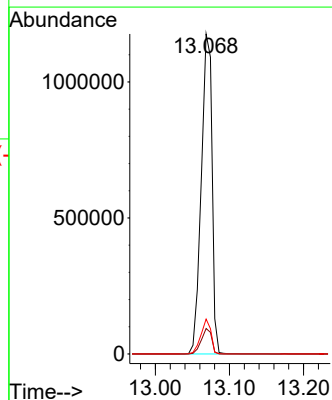
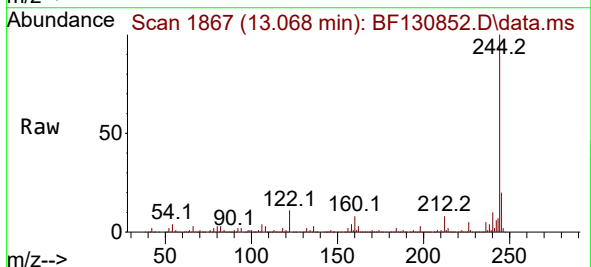
Tgt Ion:244 Resp: 1186135

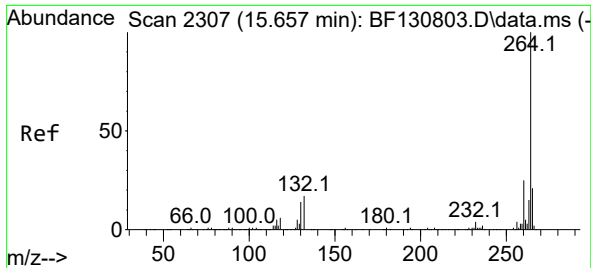
Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

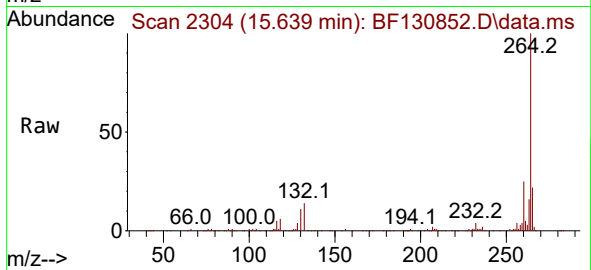
122 10.9 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130852.D
Acq: 29 Oct 2022 12:39

Instrument :
BNA_F
ClientSampleId :
PB148592BL



Tgt Ion:264 Resp: 193032
Ion Ratio Lower Upper
264 100
260 24.8 19.9 29.9
265 22.0 17.0 25.6

