

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
 Data File : BF130830.D
 Acq On : 28 Oct 2022 18:52
 Operator : CG\JU
 Sample : PB148618BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148618BL

Quant Time: Oct 29 05:45:06 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)

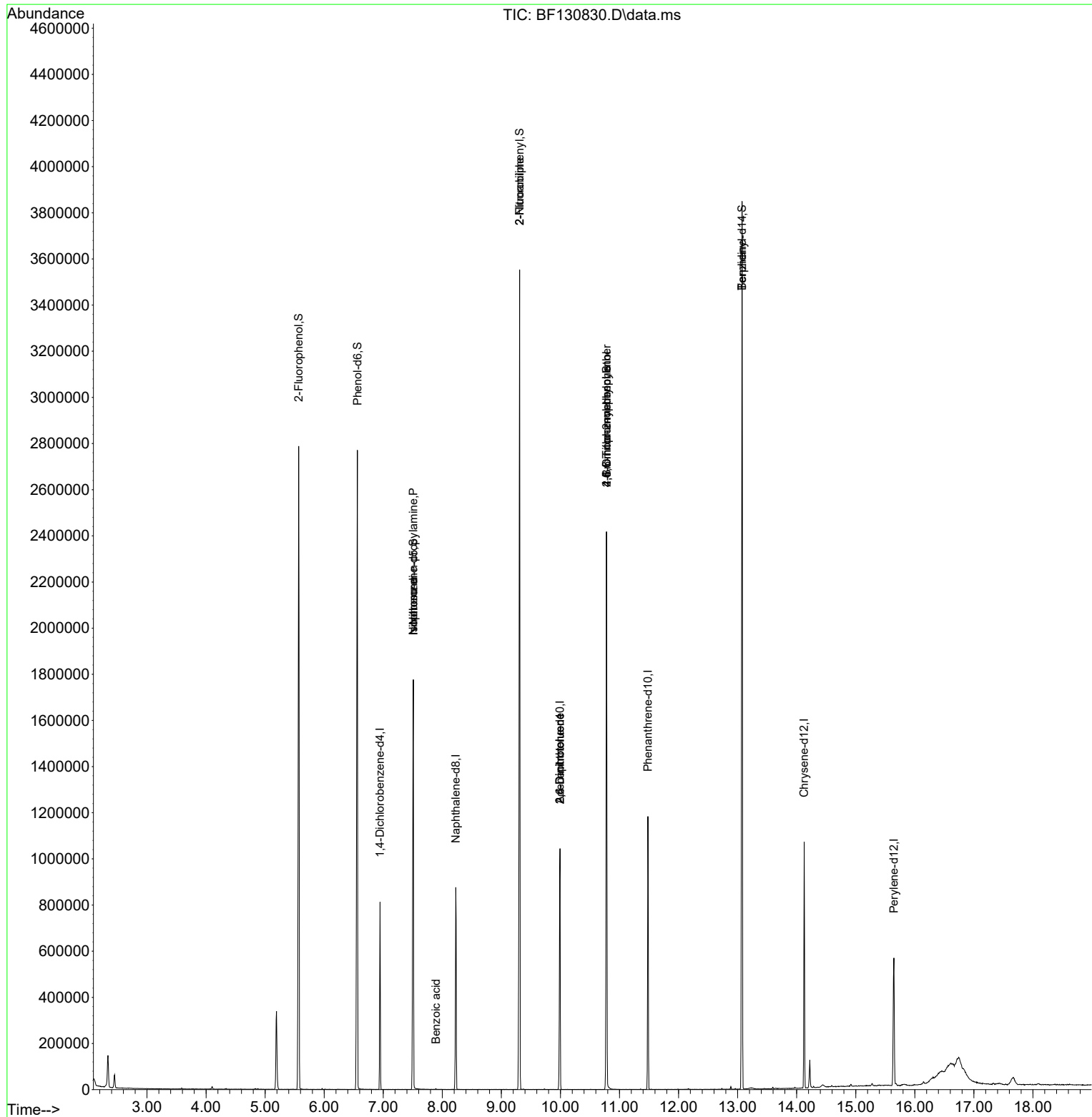
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	101560	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	391257	20.000	ng	0.00
39) Acenaphthene-d10	9.992	164	216469	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	409483	20.000	ng	0.00
76) Chrysene-d12	14.127	240	329032	20.000	ng	0.00
86) Perylene-d12	15.645	264	248050	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	733359	125.183	ng	0.01
7) Phenol-d6	6.563	99	941028	123.611	ng	0.00
23) Nitrobenzene-d5	7.510	82	586891	90.449	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	257287	141.193	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	1127406	78.741	ng	0.00
79) Terphenyl-d14	13.074	244	1343130	74.802	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.510	70	81545	15.743	ng	# 80
25) Isophorone	7.510	82	586885	43.861	ng	# 66
32) Benzoic acid	7.892	122	553	7.797	ng	# 75
48) 2-Nitroaniline	9.310	65	2355	4.688	ng	# 1
51) 2,6-Dinitrotoluene	9.992	165	28358	12.239	ng	# 14
57) 2,4-Dinitrotoluene	9.992	165	28358	11.075	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.780	198	635	8.238	ng	# 1
67) 4-Bromophenyl-phenylether	10.780	248	17408	4.227	ng	# 1
77) Benzidine	13.074	184	20557	2.574	ng	# 87

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
Data File : BF130830.D
Acq On : 28 Oct 2022 18:52
Operator : CG\JU
Sample : PB148618BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB148618BL

Quant Time: Oct 29 05:45:06 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

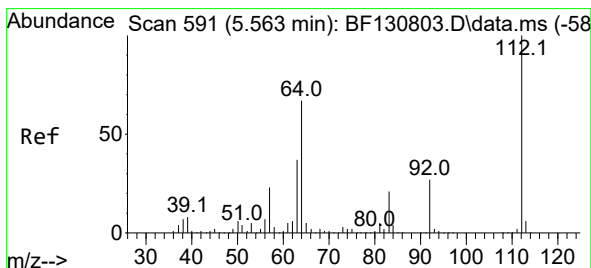
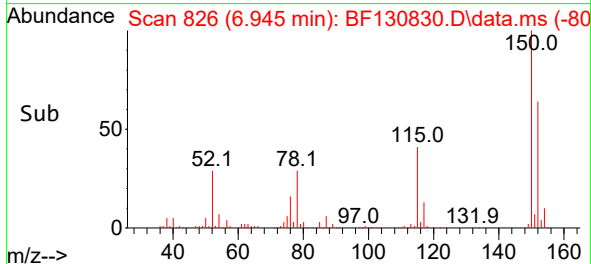
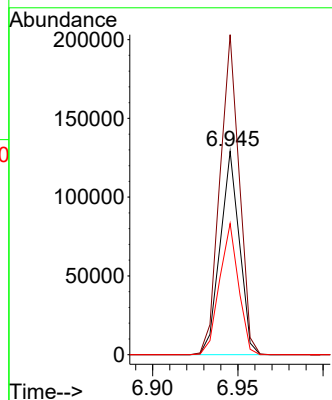
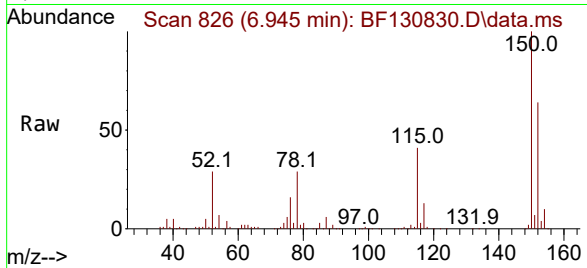




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130830.D
Acq: 28 Oct 2022 18:52

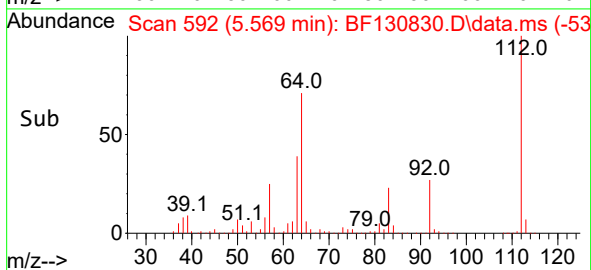
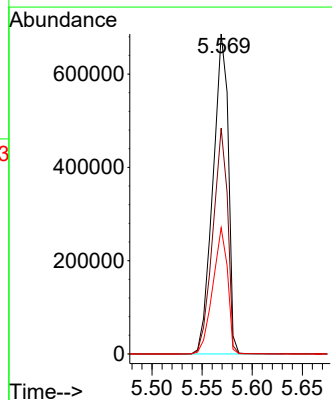
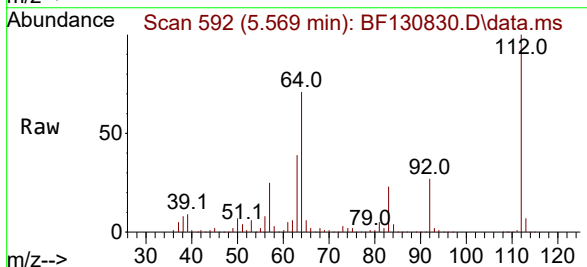
Instrument :
BNA_F
ClientSampleId :
PB148618BL

Tgt Ion:152 Resp: 101560
Ion Ratio Lower Upper
152 100
150 157.3 124.1 186.1
115 64.5 50.1 75.1



#5
2-Fluorophenol
Concen: 125.183 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.012 min
Lab File: BF130830.D
Acq: 28 Oct 2022 18:52

Tgt Ion:112 Resp: 733359
Ion Ratio Lower Upper
112 100
64 70.5 53.9 80.9
63 39.4 29.4 44.2

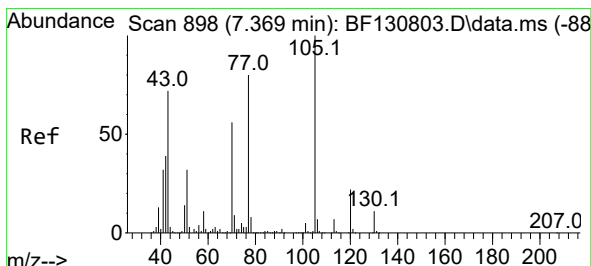
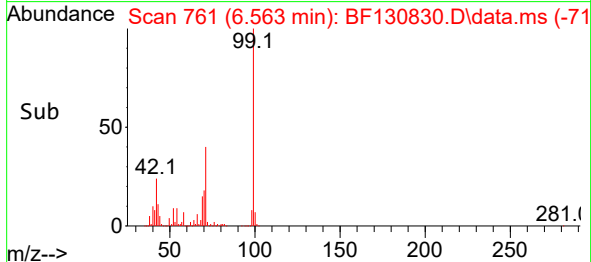
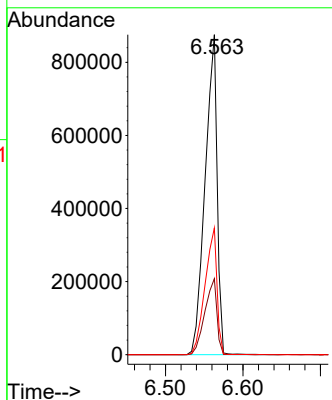
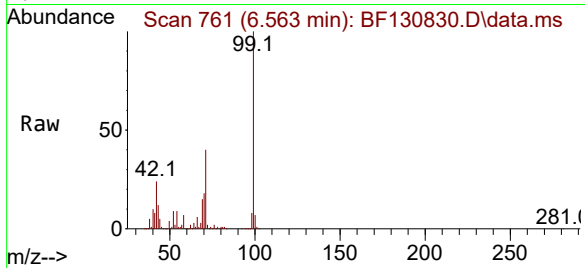




#7
Phenol-d6
Concen: 123.611 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130830.D
Acq: 28 Oct 2022 18:52

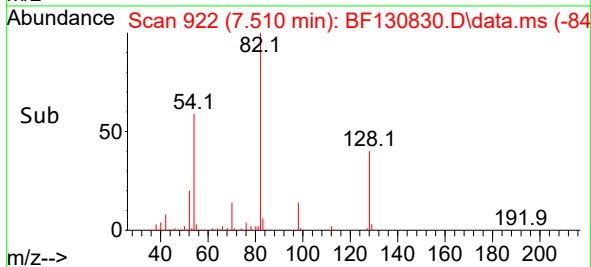
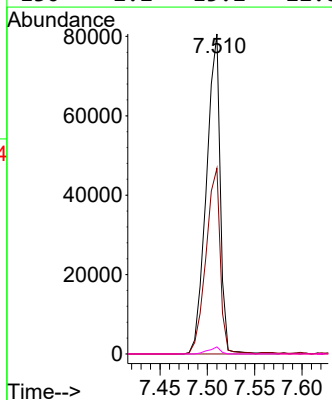
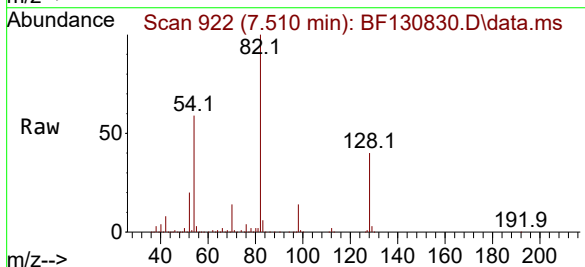
Instrument :
BNA_F
ClientSampleId :
PB148618BL

Tgt Ion: 99 Resp: 941028
Ion Ratio Lower Upper
99 100
42 23.8 18.8 28.2
71 39.6 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.743 ng
RT: 7.510 min Scan# 922
Delta R.T. 0.147 min
Lab File: BF130830.D
Acq: 28 Oct 2022 18:52

Tgt Ion: 70 Resp: 81545
Ion Ratio Lower Upper
70 100
42 58.0 56.1 84.1
101 0.0 7.3 10.9#
130 2.2 15.2 22.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.228 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130830.D

Acq: 28 Oct 2022 18:52

Instrument :

BNA_F

ClientSampleId :

PB148618BL

Tgt Ion:136 Resp: 391257

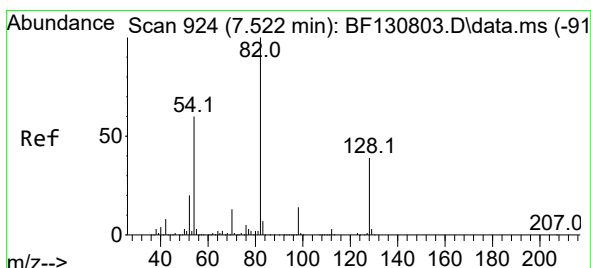
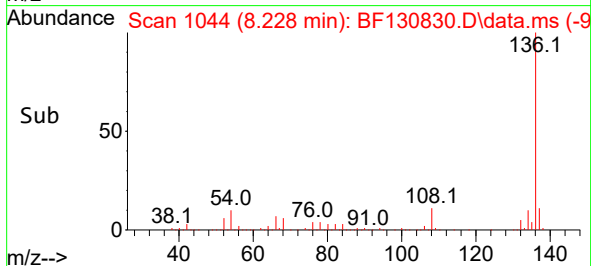
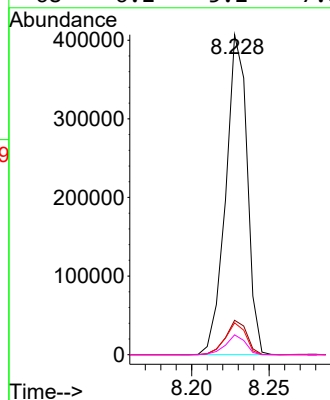
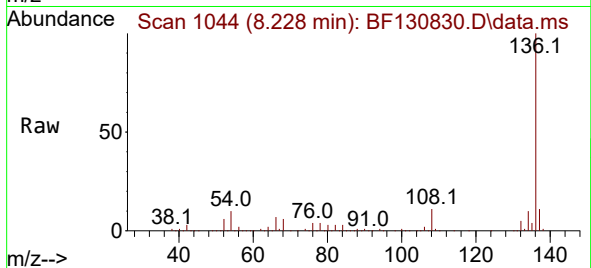
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 9.9 8.8 13.2

68 6.2 5.2 7.8



#23

Nitrobenzene-d5

Concen: 90.449 ng

RT: 7.510 min Scan# 922

Delta R.T. -0.006 min

Lab File: BF130830.D

Acq: 28 Oct 2022 18:52

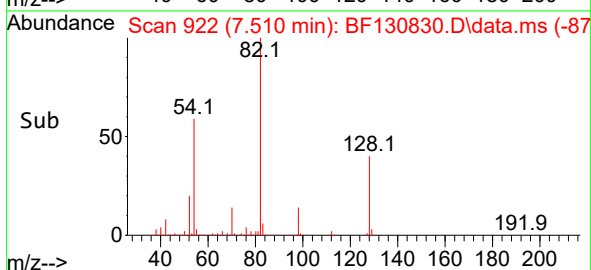
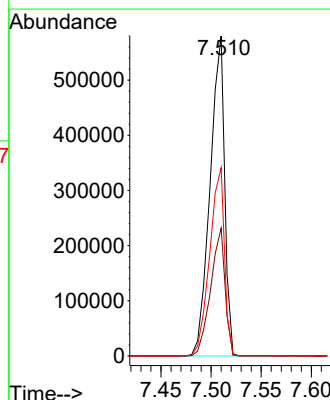
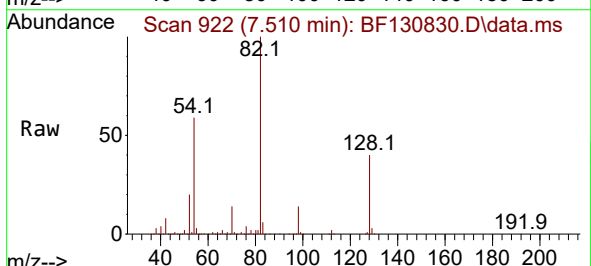
Tgt Ion: 82 Resp: 586891

Ion Ratio Lower Upper

82 100

128 40.0 31.2 46.8

54 58.9 48.0 72.0

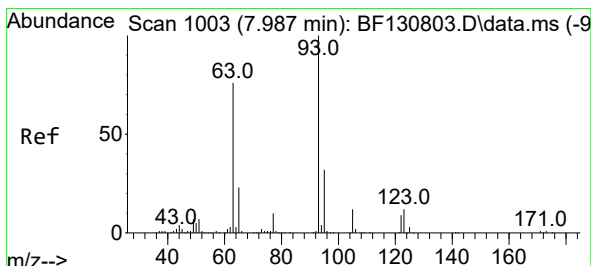
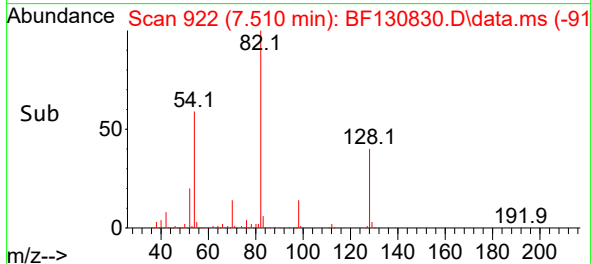
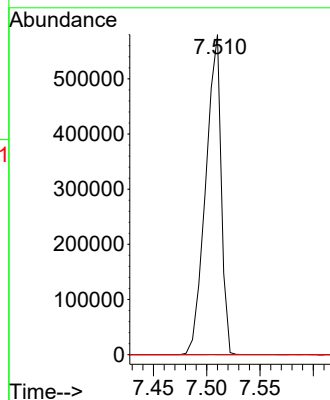
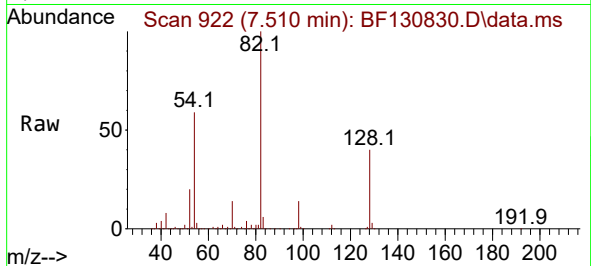




#25
Isophorone
Concen: 43.861 ng
RT: 7.510 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF130830.D
Acq: 28 Oct 2022 18:52

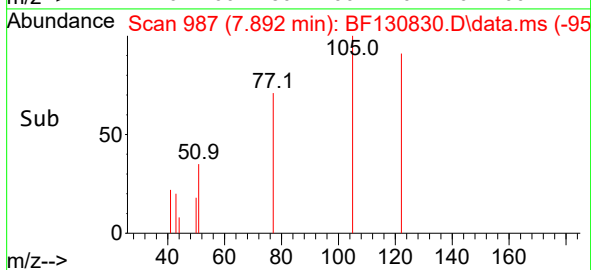
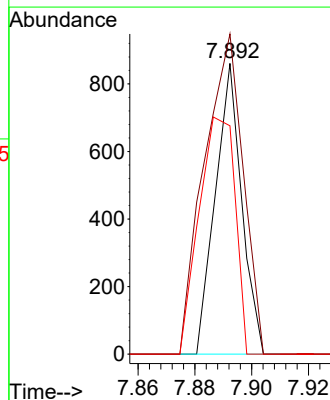
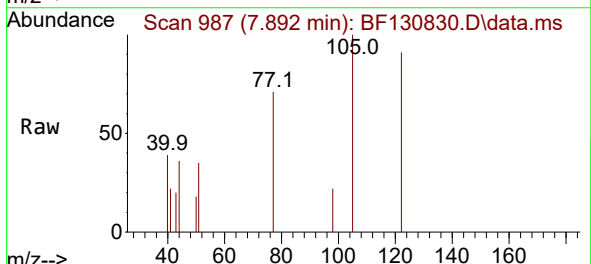
Instrument :
BNA_F
ClientSampleId :
PB148618BL

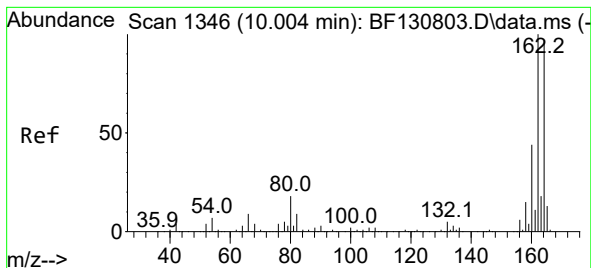
Tgt Ion: 82 Resp: 586885
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.797 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.094 min
Lab File: BF130830.D
Acq: 28 Oct 2022 18:52

Tgt Ion: 122 Resp: 553
Ion Ratio Lower Upper
122 100
105 110.1 114.5 154.5#
77 78.5 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: BF130830.D

Acq: 28 Oct 2022 18:52

Instrument :

BNA_F

ClientSampleId :

PB148618BL

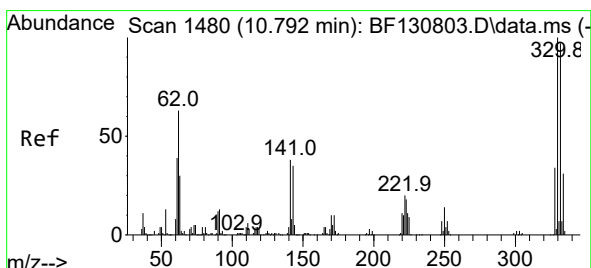
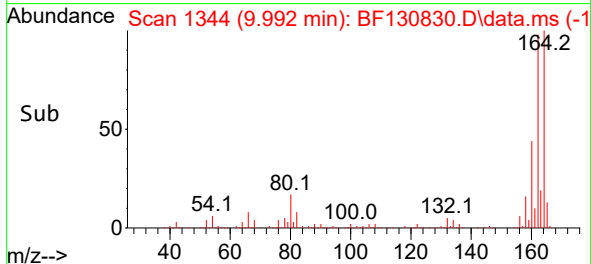
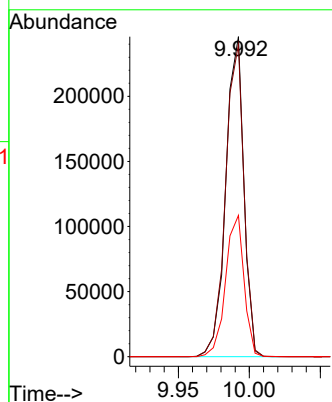
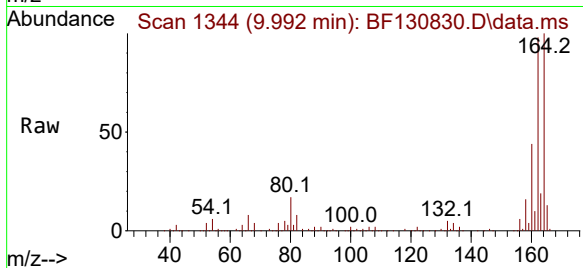
Tgt Ion:164 Resp: 216469

Ion Ratio Lower Upper

164 100

162 97.6 82.2 123.2

160 44.2 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 141.193 ng

RT: 10.780 min Scan# 1478

Delta R.T. -0.006 min

Lab File: BF130830.D

Acq: 28 Oct 2022 18:52

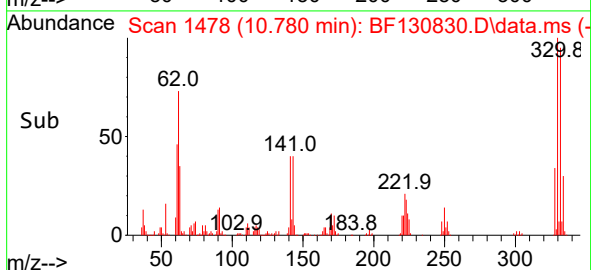
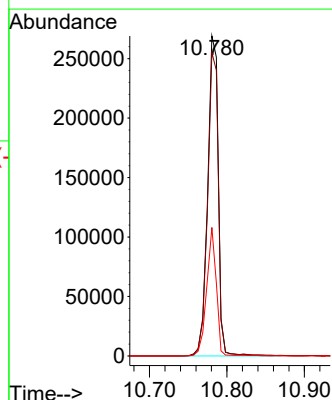
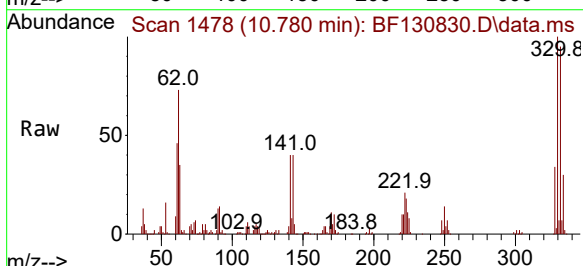
Tgt Ion:330 Resp: 257287

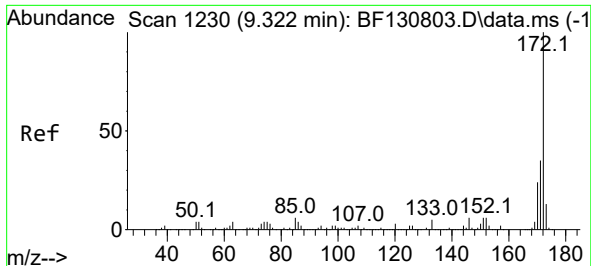
Ion Ratio Lower Upper

330 100

332 95.6 76.2 114.4

141 36.4 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 78.741 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF130830.D

Acq: 28 Oct 2022 18:52

Instrument :

BNA_F

ClientSampleId :

PB148618BL

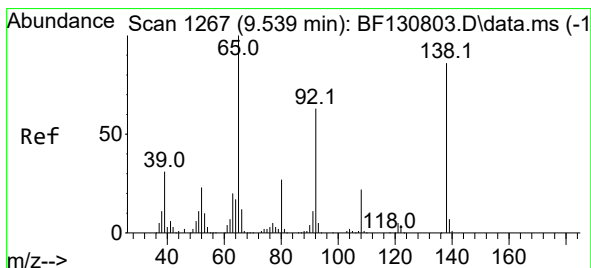
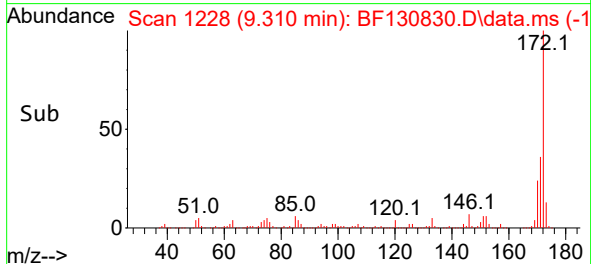
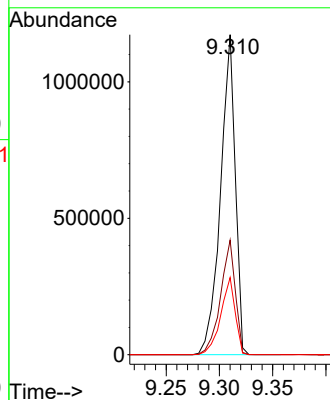
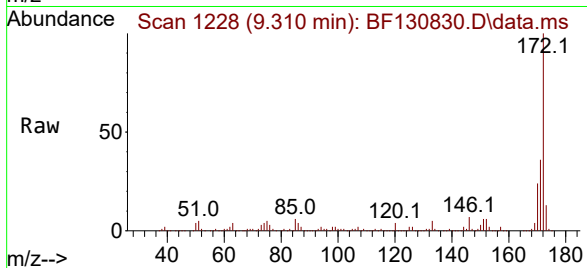
Tgt Ion:172 Resp: 1127406

Ion Ratio Lower Upper

172 100

171 35.8 28.1 42.1

170 24.1 19.0 28.4



#48

2-Nitroaniline

Concen: 4.688 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.224 min

Lab File: BF130830.D

Acq: 28 Oct 2022 18:52

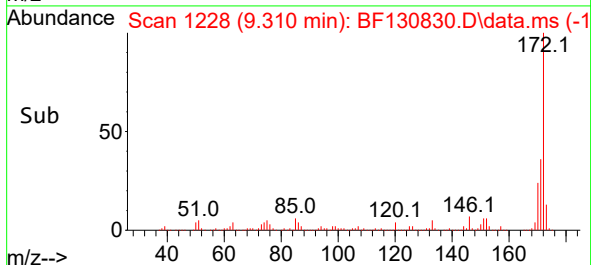
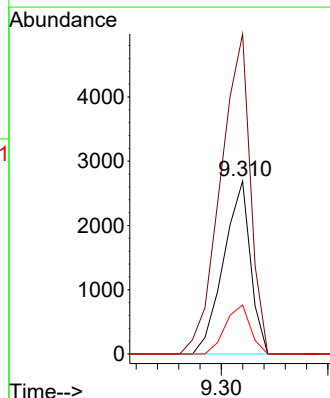
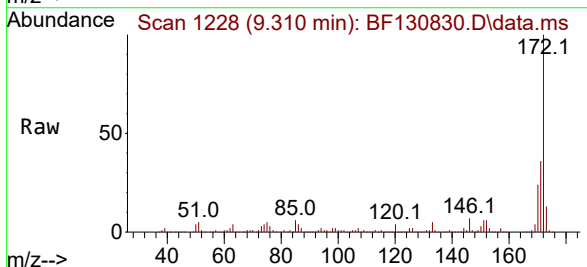
Tgt Ion: 65 Resp: 2355

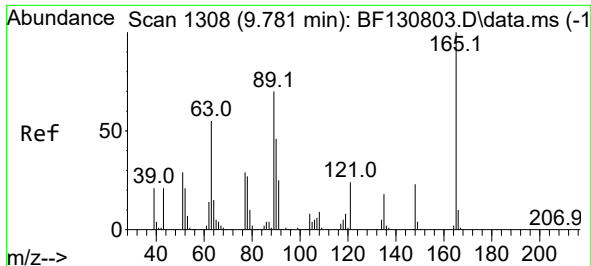
Ion Ratio Lower Upper

65 100

92 185.2 50.1 75.1#

138 28.4 69.2 103.8#





#51

2,6-Dinitrotoluene

Concen: 12.239 ng

RT: 9.992 min Scan# 1344

Delta R.T. 0.218 min

Lab File: BF130830.D

Acq: 28 Oct 2022 18:52

Instrument :

BNA_F

ClientSampleId :

PB148618BL

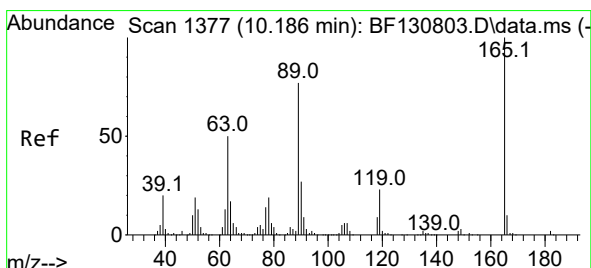
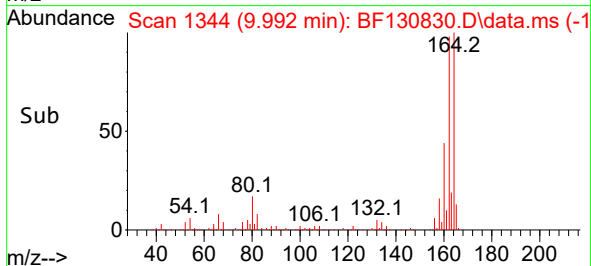
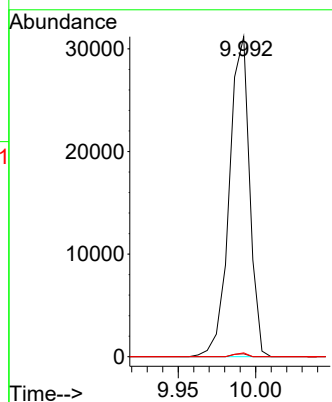
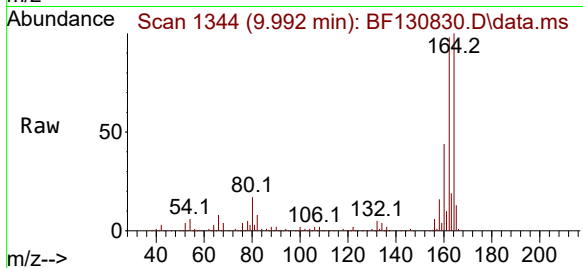
Tgt Ion:165 Resp: 28358

Ion Ratio Lower Upper

165 100

63 0.9 61.8 92.8#

89 1.2 56.2 84.4#



#57

2,4-Dinitrotoluene

Concen: 11.075 ng

RT: 9.992 min Scan# 1344

Delta R.T. -0.188 min

Lab File: BF130830.D

Acq: 28 Oct 2022 18:52

Tgt Ion:165 Resp: 28358

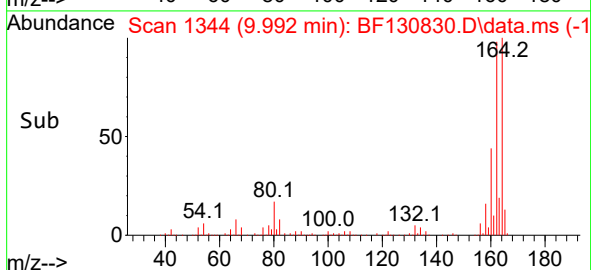
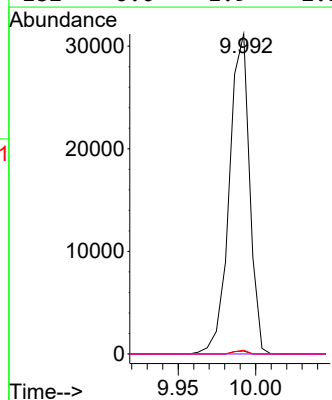
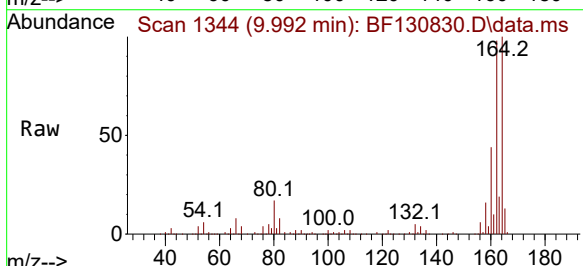
Ion Ratio Lower Upper

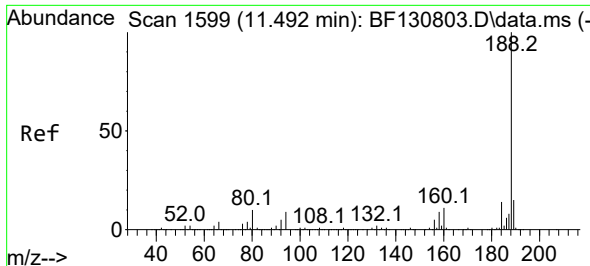
165 100

63 0.9 39.8 59.6#

89 1.2 61.9 92.9#

182 0.0 1.9 2.9#

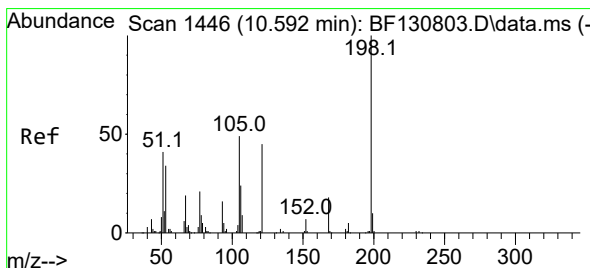
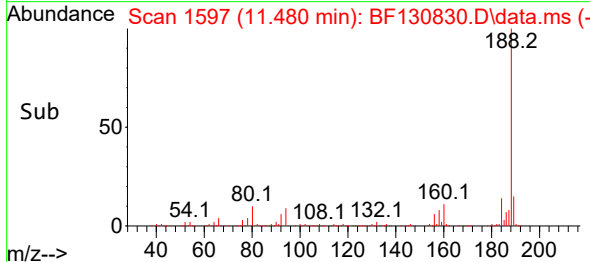
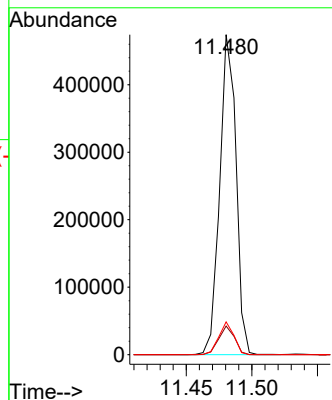
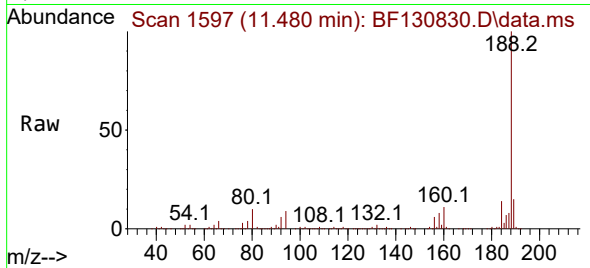




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130830.D
Acq: 28 Oct 2022 18:52

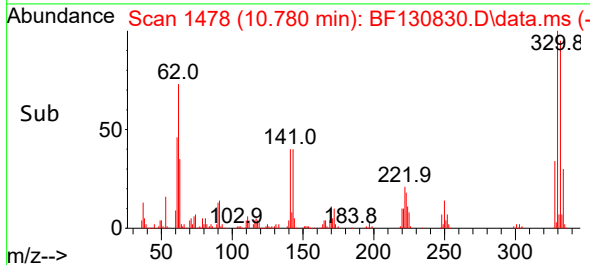
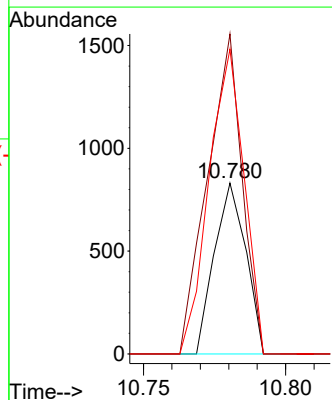
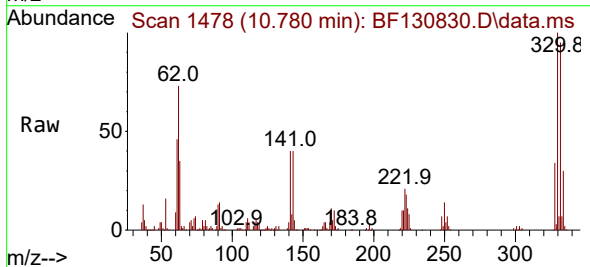
Instrument :
BNA_F
ClientSampleId :
PB148618BL

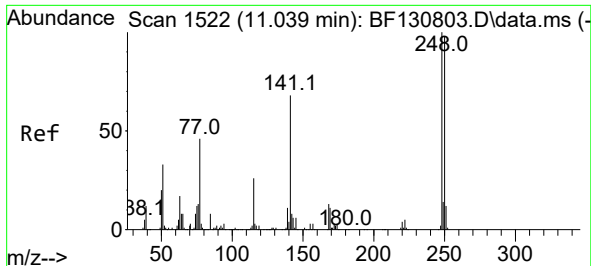
Tgt Ion:188 Resp: 409483
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 10.2 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 8.238 ng
RT: 10.780 min Scan# 1478
Delta R.T. 0.194 min
Lab File: BF130830.D
Acq: 28 Oct 2022 18:52

Tgt Ion:198 Resp: 635
Ion Ratio Lower Upper
198 100
51 187.2 39.0 79.0#
105 178.3 30.6 70.6#

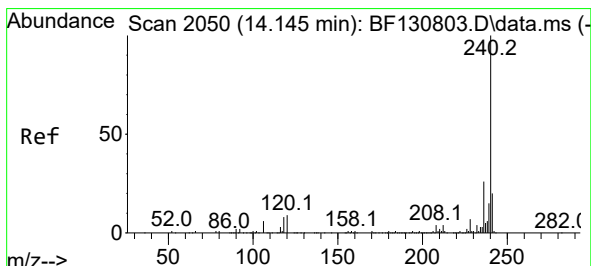
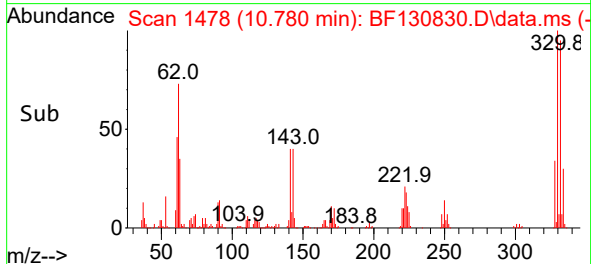
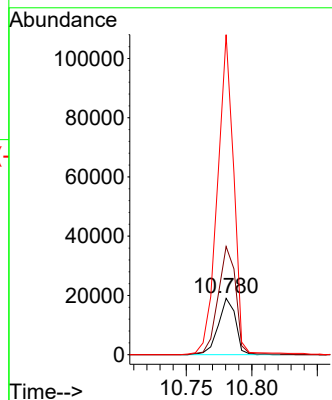
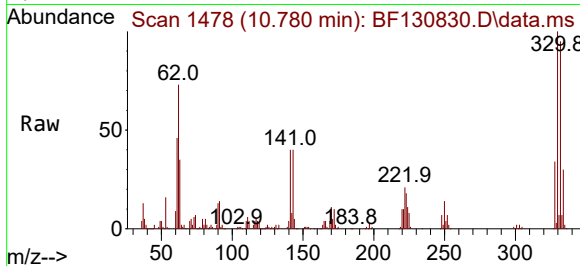




#67
4-Bromophenyl-phenylether
Concen: 4.227 ng
RT: 10.780 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF130830.D
Acq: 28 Oct 2022 18:52

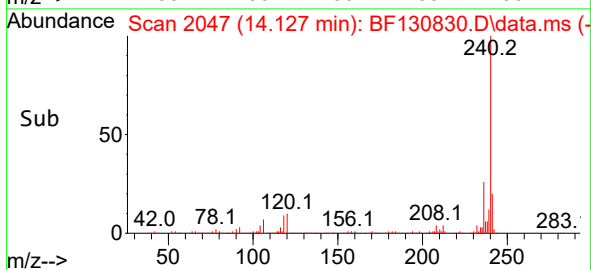
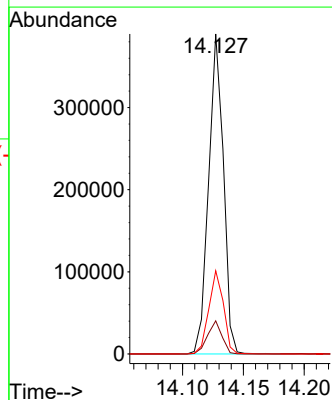
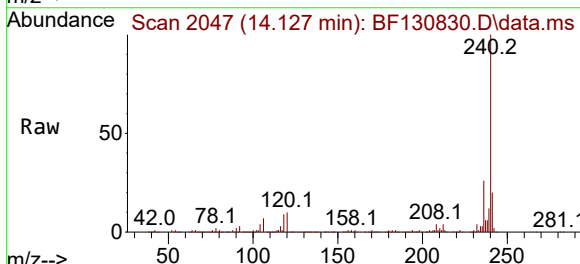
Instrument :
BNA_F
ClientSampleId :
PB148618BL

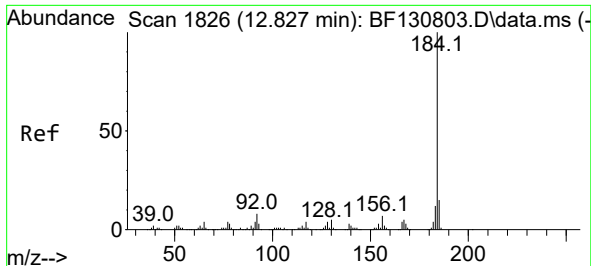
Tgt Ion:248 Resp: 17408
Ion Ratio Lower Upper
248 100
250 191.8 78.6 117.8#
141 567.6 54.2 81.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BF130830.D
Acq: 28 Oct 2022 18:52

Tgt Ion:240 Resp: 329032
Ion Ratio Lower Upper
240 100
120 10.4 7.0 10.4
236 26.0 20.5 30.7

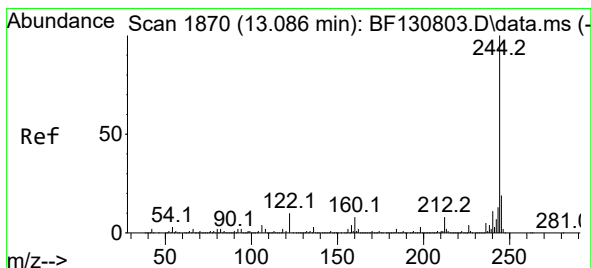
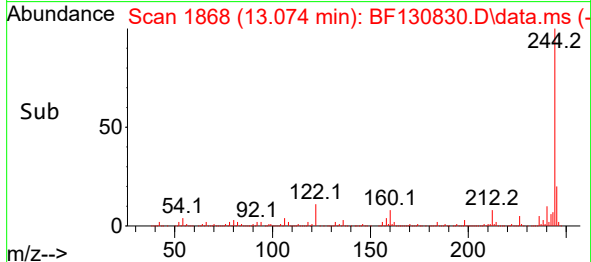
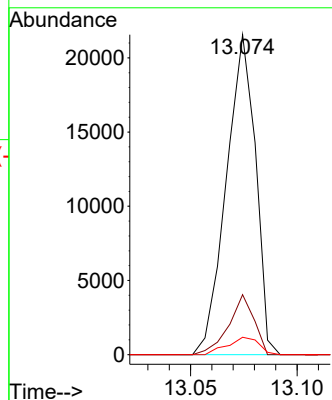
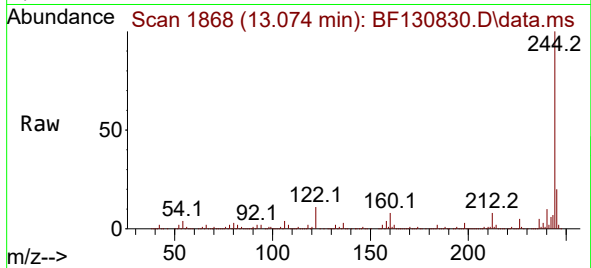




#77
Benzidine
Concen: 2.574 ng
RT: 13.074 min Scan# 1868
Delta R.T. 0.253 min
Lab File: BF130830.D
Acq: 28 Oct 2022 18:52

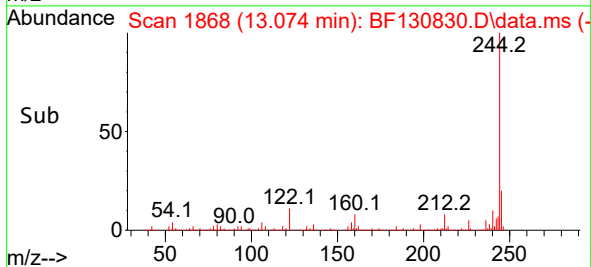
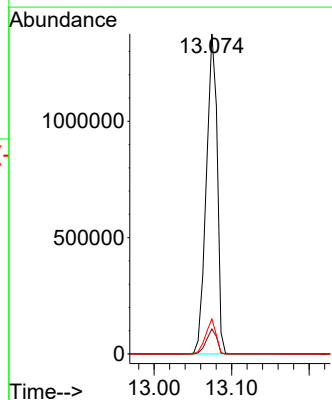
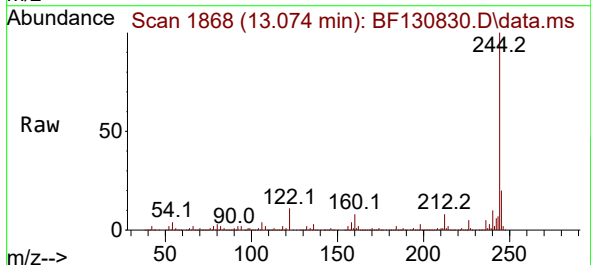
Instrument :
BNA_F
ClientSampleId :
PB148618BL

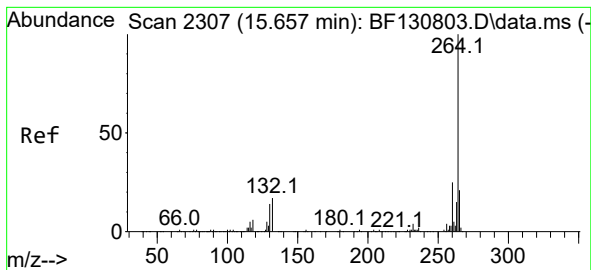
Tgt Ion:184 Resp: 20557
Ion Ratio Lower Upper
184 100
185 18.7 11.8 17.8#
183 5.4 9.7 14.5#



#79
Terphenyl-d14
Concen: 74.802 ng
RT: 13.074 min Scan# 1868
Delta R.T. -0.000 min
Lab File: BF130830.D
Acq: 28 Oct 2022 18:52

Tgt Ion:244 Resp: 1343130
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 11.0 7.9 11.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.645 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF130830.D
 Acq: 28 Oct 2022 18:52

Instrument :
 BNA_F
 ClientSampleId :
 PB148618BL

Tgt Ion:264 Resp: 248050
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.9 29.9
 265 22.4 17.0 25.6

