

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102722\
 Data File : BF130811.D
 Acq On : 27 Oct 2022 22:24
 Operator : CG\JU
 Sample : PB148576BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148576BL

Quant Time: Oct 28 04:54:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 28 04:00:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

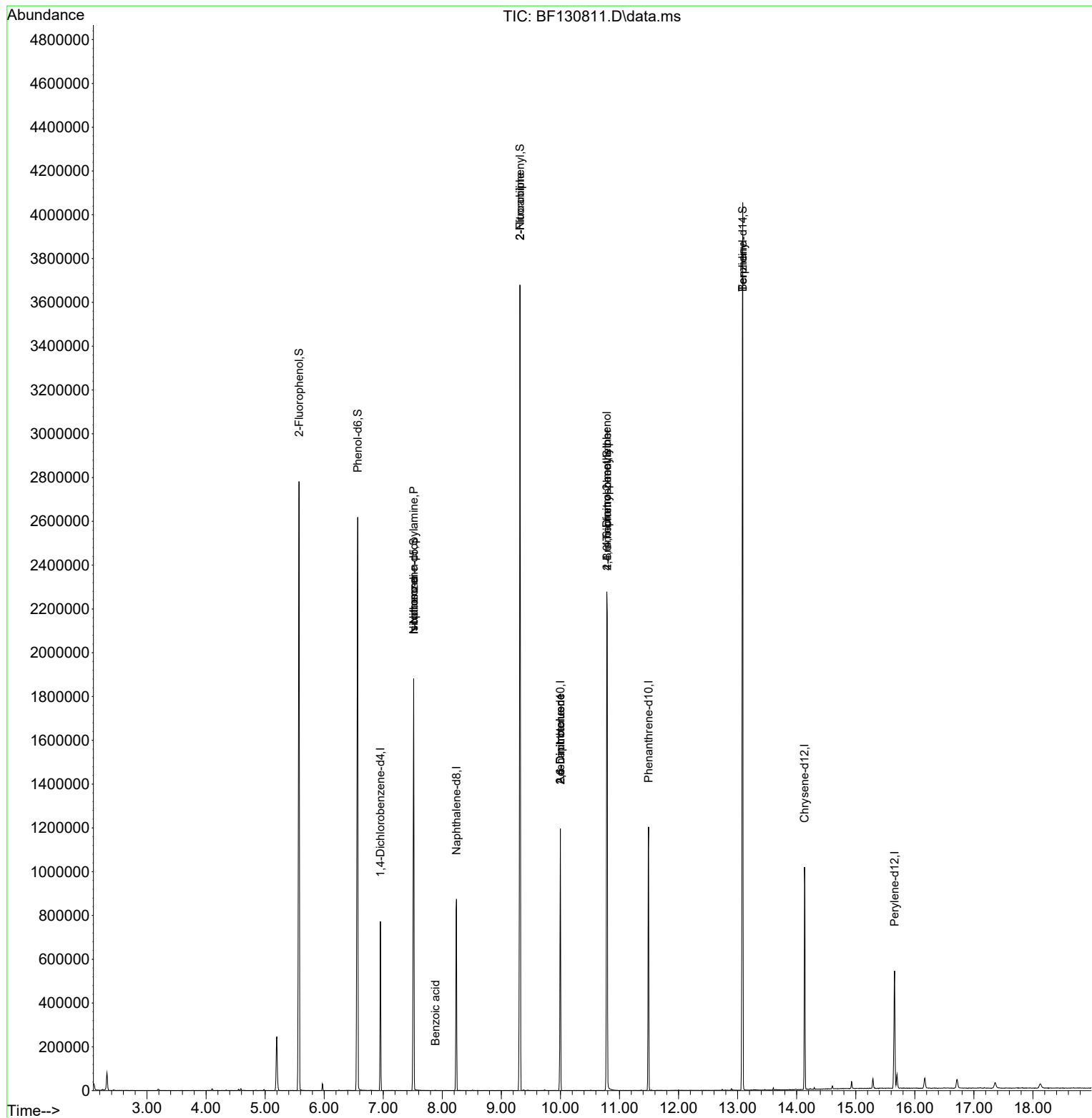
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	99391	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	391471	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	220455	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	434660	20.000	ng	0.00
76) Chrysene-d12	14.133	240	344920	20.000	ng	#-0.01
86) Perylene-d12	15.657	264	244548	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	719561	125.508	ng	0.01
7) Phenol-d6	6.569	99	922047	123.760	ng	0.00
23) Nitrobenzene-d5	7.516	82	594138	91.516	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	267248	144.008	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1145482	78.557	ng	0.00
79) Terphenyl-d14	13.086	244	1433182	76.141	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.516	70	83288	16.431	ng	# 75
25) Isophorone	7.516	82	589739	44.051	ng	# 66
32) Benzoic acid	7.886	122	87	7.698	ng	# 32
48) 2-Nitroaniline	9.316	65	2299	4.666	ng	# 1
51) 2,6-Dinitrotoluene	9.998	165	28503	12.116	ng	# 14
57) 2,4-Dinitrotoluene	9.998	165	28503	10.979	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.786	198	741	8.269	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	18251	4.175	ng	# 1
77) Benzidine	13.086	184	22820	2.725	ng	# 93

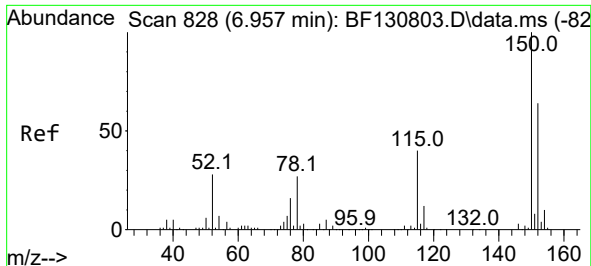
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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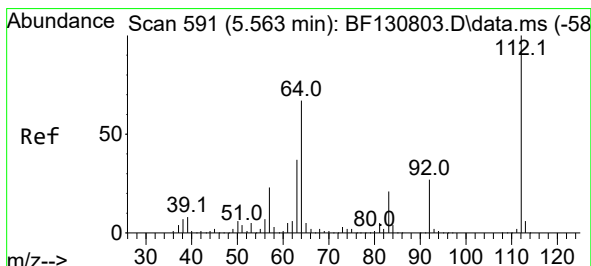
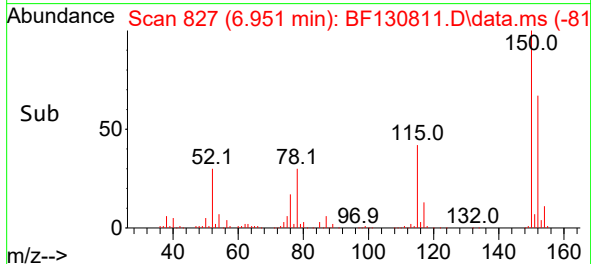
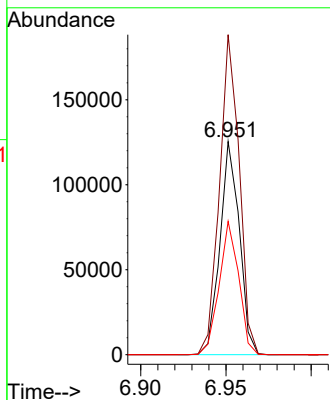
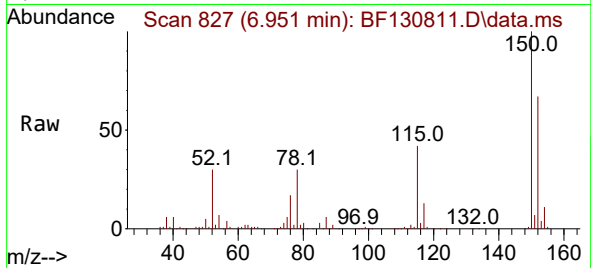




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130811.D
Acq: 27 Oct 2022 22:24

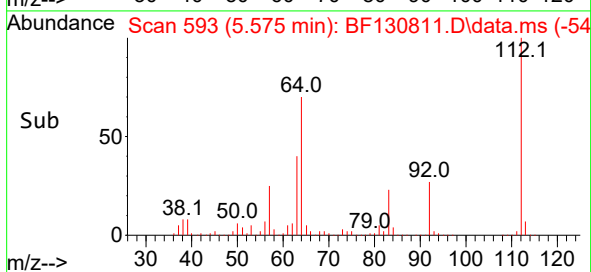
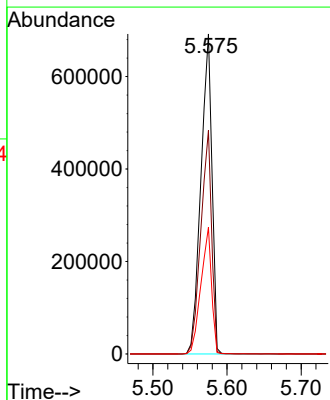
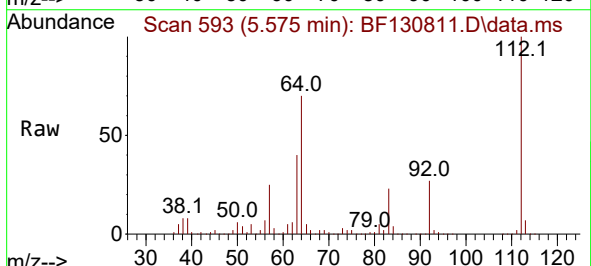
Instrument :
BNA_F
ClientSampleId :
PB148576BL

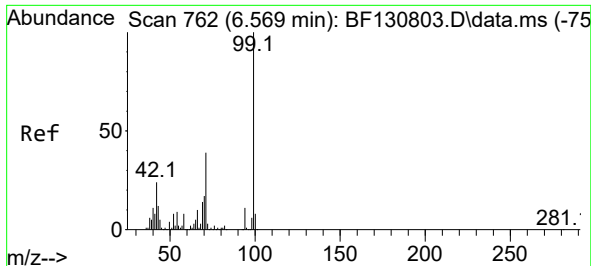
Tgt Ion:152 Resp: 99391
Ion Ratio Lower Upper
152 100
150 150.2 124.1 186.1
115 62.6 50.1 75.1



#5
2-Fluorophenol
Concen: 125.508 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.012 min
Lab File: BF130811.D
Acq: 27 Oct 2022 22:24

Tgt Ion:112 Resp: 719561
Ion Ratio Lower Upper
112 100
64 69.9 53.9 80.9
63 39.6 29.4 44.2

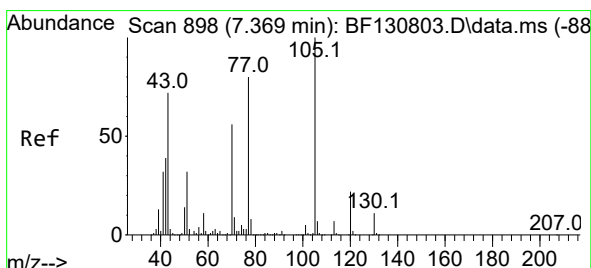
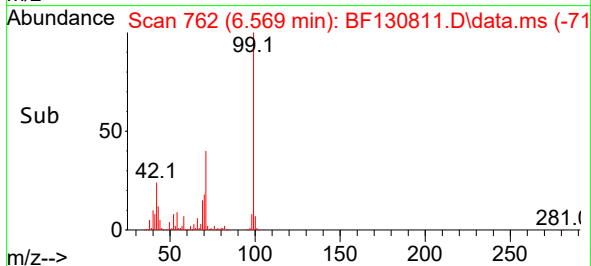
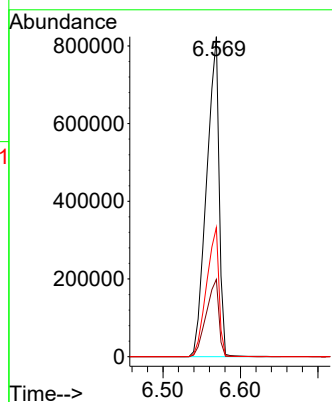
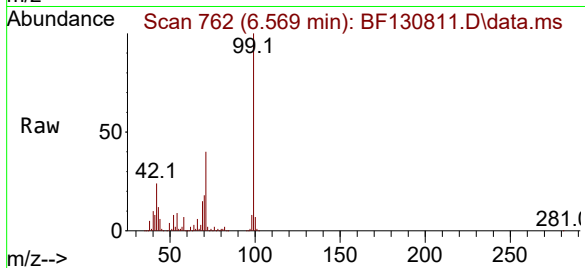




#7
Phenol-d6
Concen: 123.760 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130811.D
Acq: 27 Oct 2022 22:24

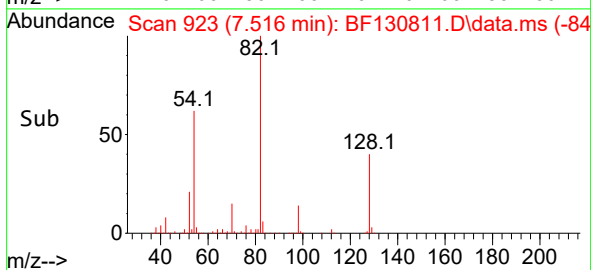
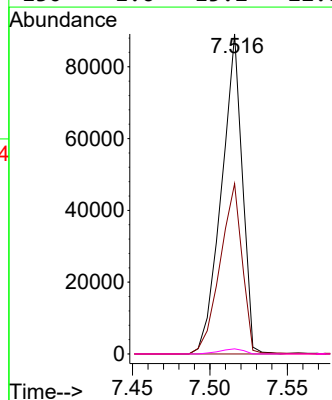
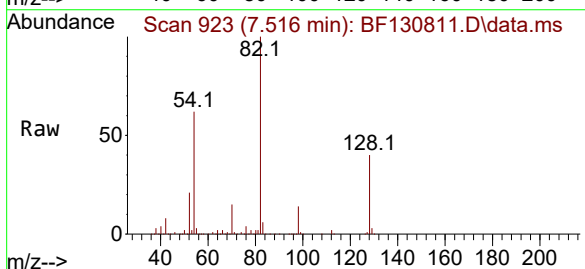
Instrument :
BNA_F
ClientSampleId :
PB148576BL

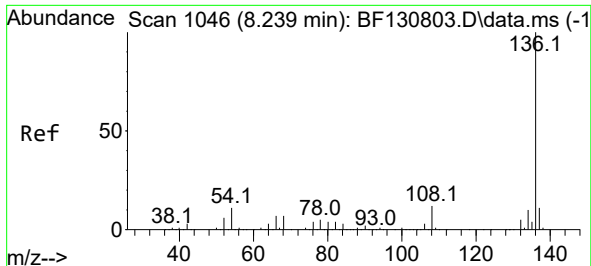
Tgt Ion: 99 Resp: 922047
Ion Ratio Lower Upper
99 100
42 24.2 18.8 28.2
71 40.4 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.431 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.147 min
Lab File: BF130811.D
Acq: 27 Oct 2022 22:24

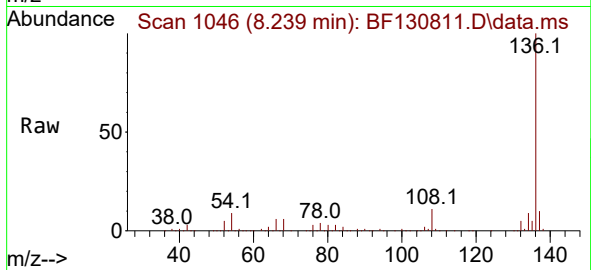
Tgt Ion: 70 Resp: 83288
Ion Ratio Lower Upper
70 100
42 53.2 56.1 84.1#
101 0.0 7.3 10.9#
130 1.6 15.2 22.8#



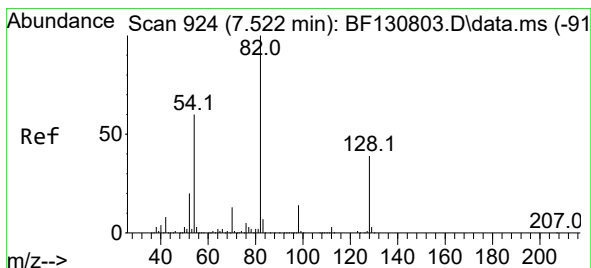
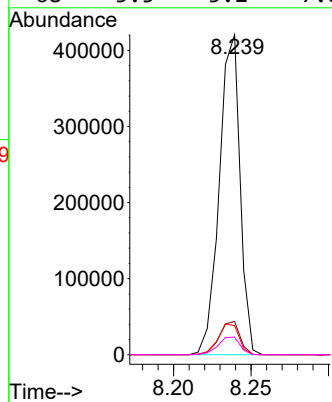
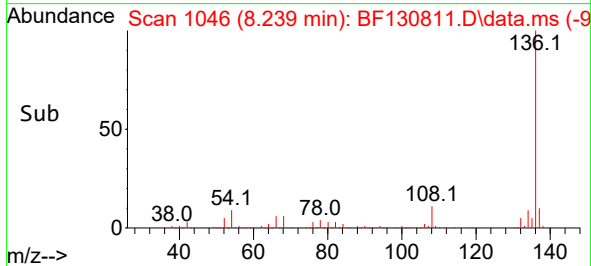


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF130811.D
Acq: 27 Oct 2022 22:24

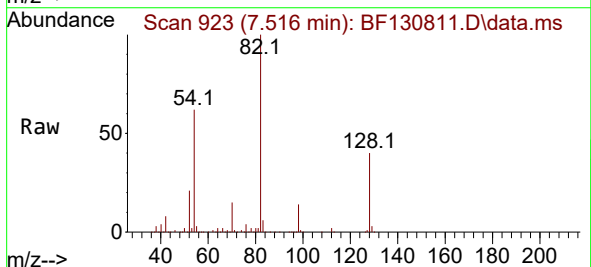
Instrument :
BNA_F
ClientSampleId :
PB148576BL



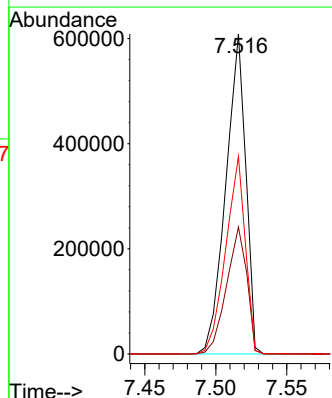
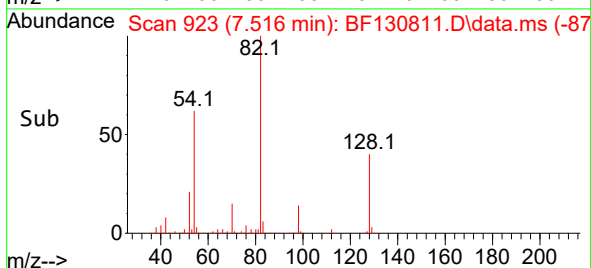
Tgt Ion:136 Resp: 391471
Ion Ratio Lower Upper
136 100
137 10.4 9.2 13.8
54 9.1 8.8 13.2
68 5.5 5.2 7.8

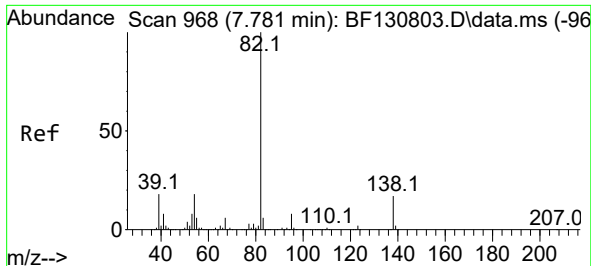


#23
Nitrobenzene-d5
Concen: 91.516 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.006 min
Lab File: BF130811.D
Acq: 27 Oct 2022 22:24



Tgt Ion: 82 Resp: 594138
Ion Ratio Lower Upper
82 100
128 39.6 31.2 46.8
54 61.7 48.0 72.0

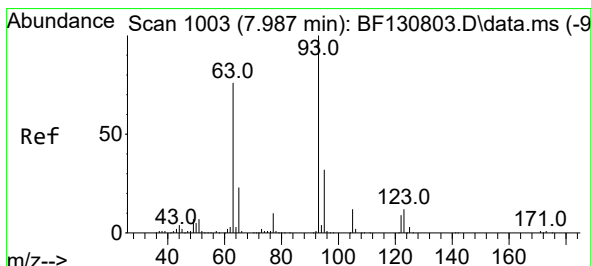
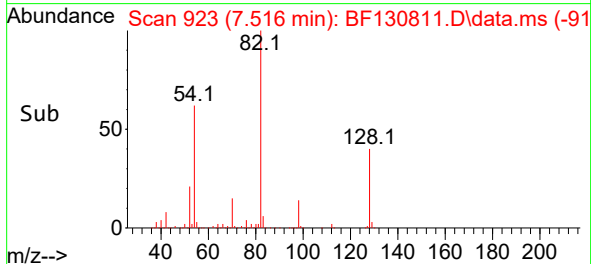
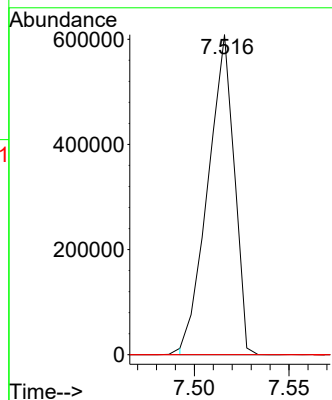
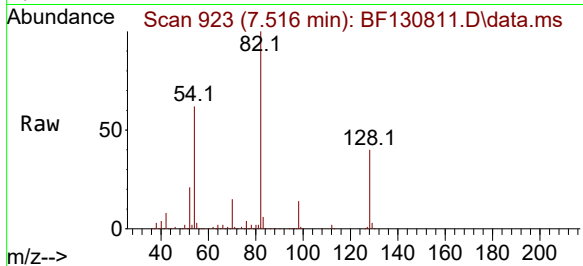




#25
Isophorone
Concen: 44.051 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130811.D
Acq: 27 Oct 2022 22:24

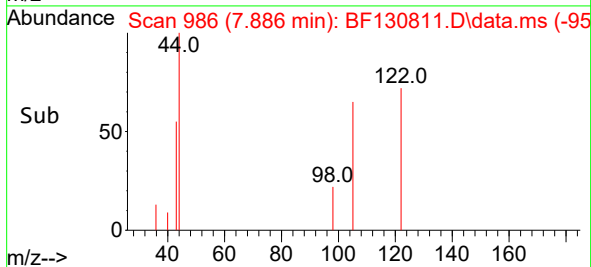
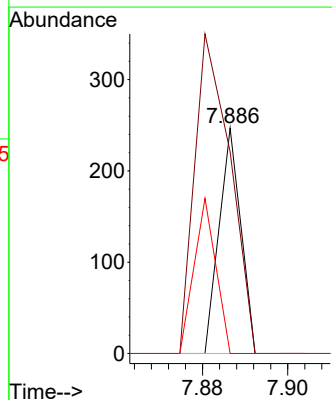
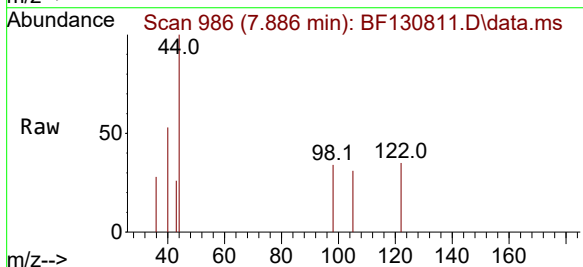
Instrument :
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ClientSampleId :
PB148576BL

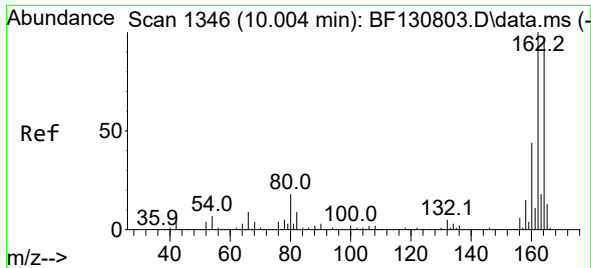
Tgt Ion: 82 Resp: 589739
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.698 ng
RT: 7.886 min Scan# 986
Delta R.T. -0.101 min
Lab File: BF130811.D
Acq: 27 Oct 2022 22:24

Tgt Ion: 122 Resp: 87
Ion Ratio Lower Upper
122 100
105 89.5 114.5 154.5#
77 0.0 89.8 129.8#

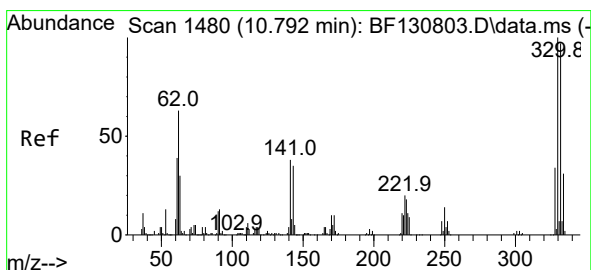
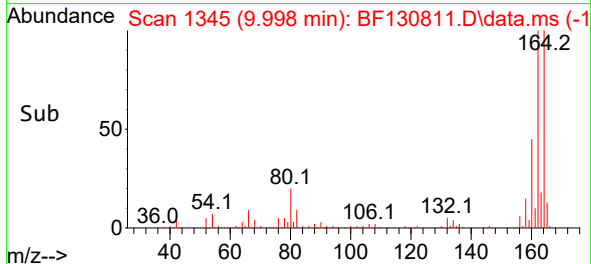
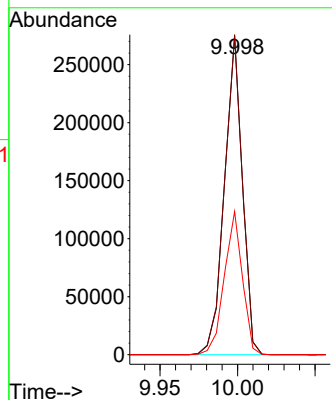
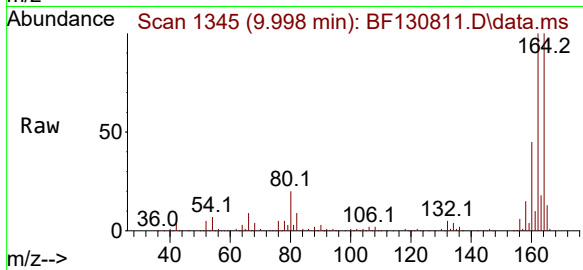




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130811.D
Acq: 27 Oct 2022 22:24

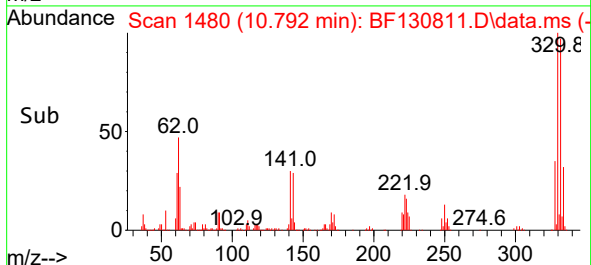
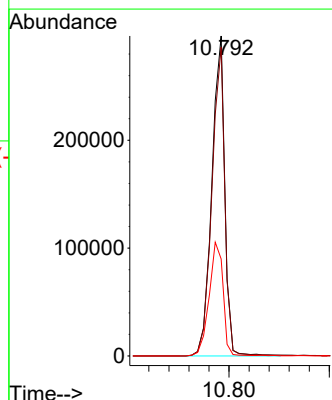
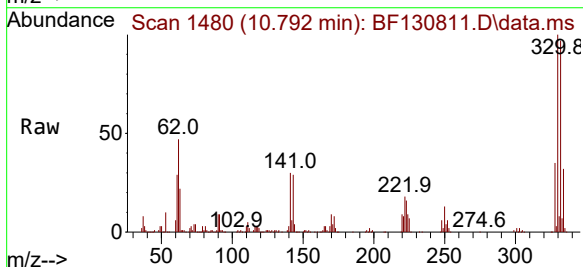
Instrument :
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ClientSampleId :
PB148576BL

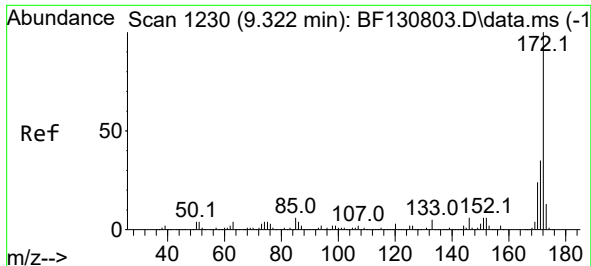
Tgt Ion:164 Resp: 220455
Ion Ratio Lower Upper
164 100
162 100.4 82.2 123.2
160 44.9 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 144.008 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BF130811.D
Acq: 27 Oct 2022 22:24

Tgt Ion:330 Resp: 267248
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 38.2 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 78.557 ng

RT: 9.316 min Scan# 1229

Delta R.T. -0.006 min

Lab File: BF130811.D

Acq: 27 Oct 2022 22:24

Instrument :

BNA_F

ClientSampleId :

PB148576BL

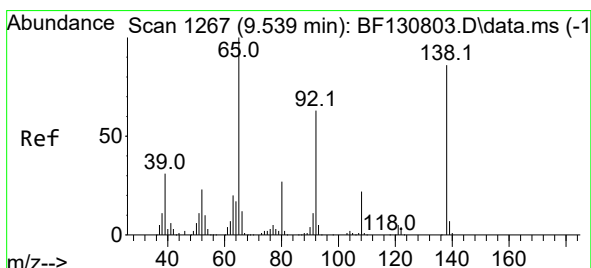
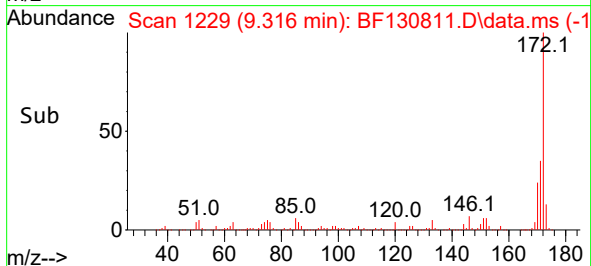
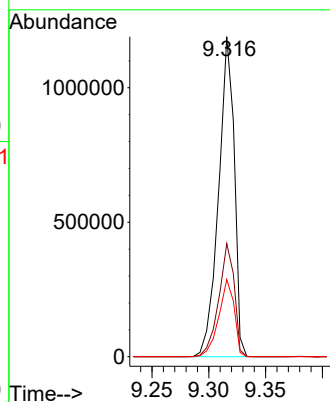
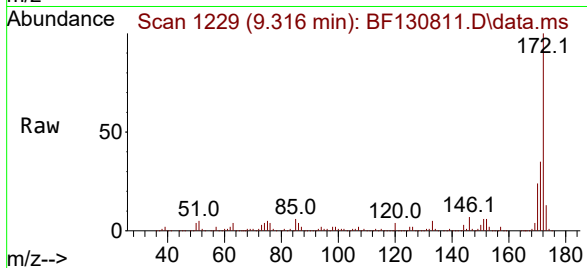
Tgt Ion:172 Resp: 1145482

Ion Ratio Lower Upper

172 100

171 35.4 28.1 42.1

170 24.1 19.0 28.4



#48

2-Nitroaniline

Concen: 4.666 ng

RT: 9.316 min Scan# 1229

Delta R.T. -0.223 min

Lab File: BF130811.D

Acq: 27 Oct 2022 22:24

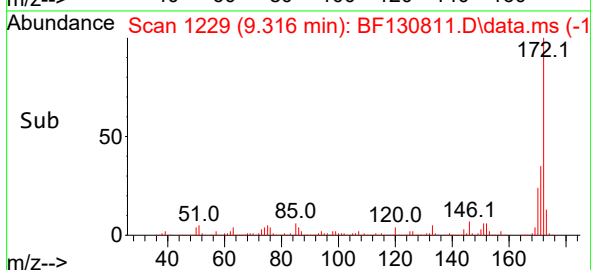
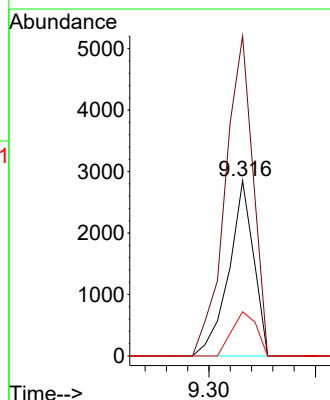
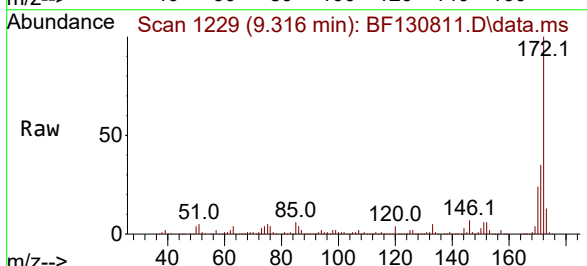
Tgt Ion: 65 Resp: 2299

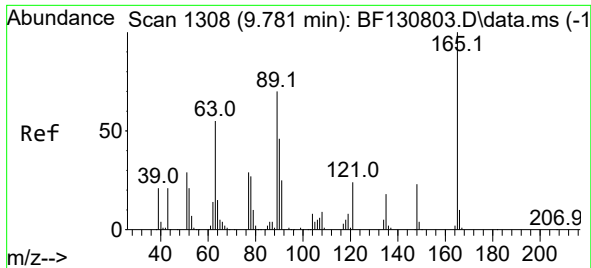
Ion Ratio Lower Upper

65 100

92 182.5 50.1 75.1#

138 25.2 69.2 103.8#

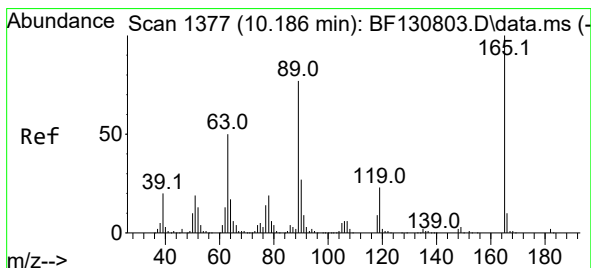
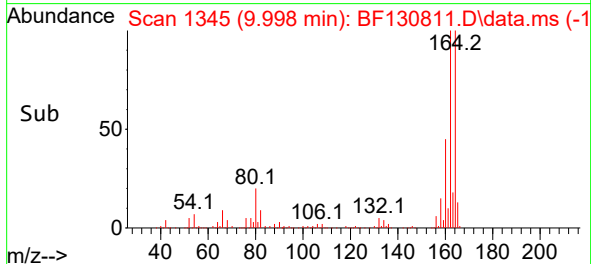
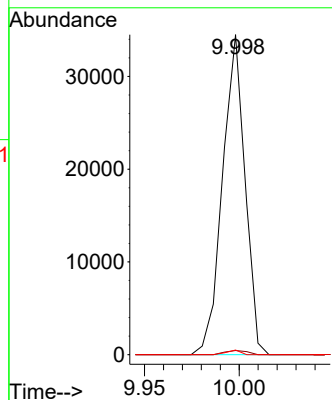
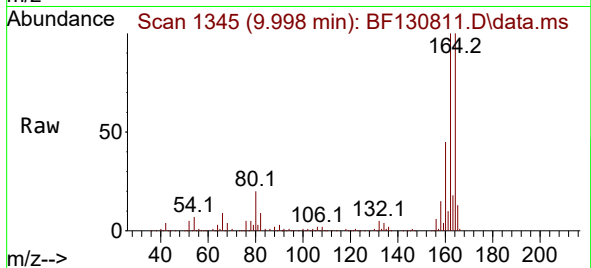




#51
2,6-Dinitrotoluene
Concen: 12.116 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.217 min
Lab File: BF130811.D
Acq: 27 Oct 2022 22:24

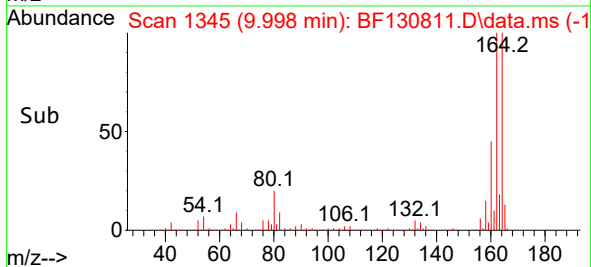
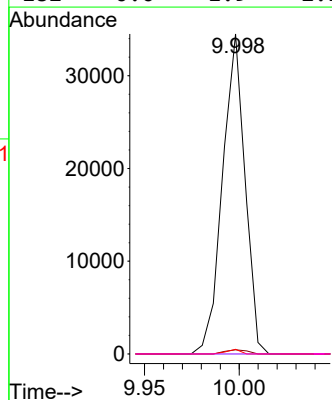
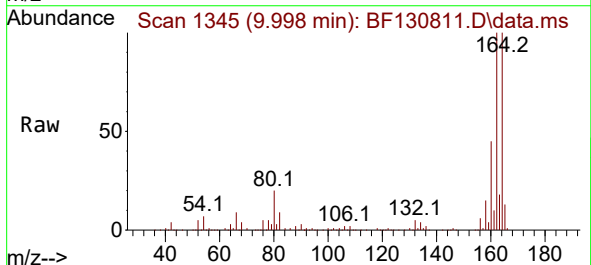
Instrument :
BNA_F
ClientSampleId :
PB148576BL

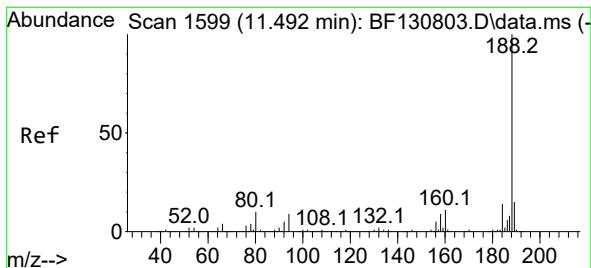
Tgt Ion:165 Resp: 28503
Ion Ratio Lower Upper
165 100
63 1.3 61.8 92.8#
89 1.5 56.2 84.4#



#57
2,4-Dinitrotoluene
Concen: 10.979 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.188 min
Lab File: BF130811.D
Acq: 27 Oct 2022 22:24

Tgt Ion:165 Resp: 28503
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.5 61.9 92.9#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF130811.D

Acq: 27 Oct 2022 22:24

Instrument :

BNA_F

ClientSampleId :

PB148576BL

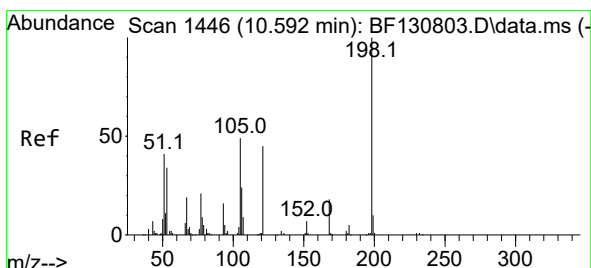
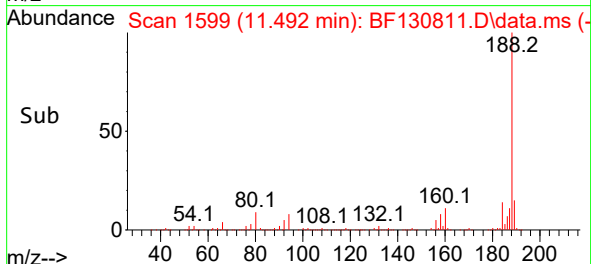
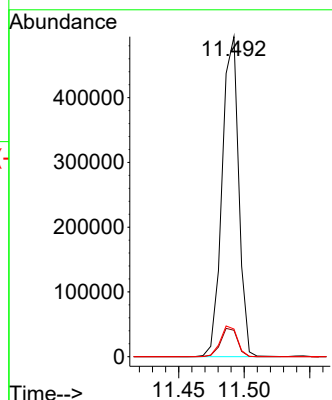
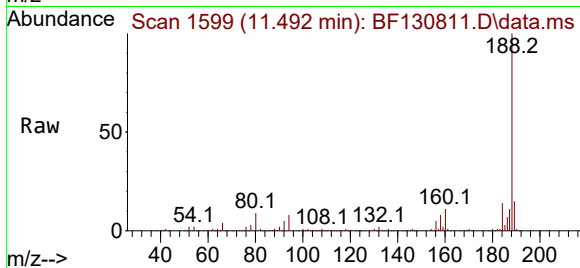
Tgt Ion:188 Resp: 434660

Ion Ratio Lower Upper

188 100

94 8.2 7.4 11.2

80 8.6 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 8.269 ng

RT: 10.786 min Scan# 1479

Delta R.T. 0.194 min

Lab File: BF130811.D

Acq: 27 Oct 2022 22:24

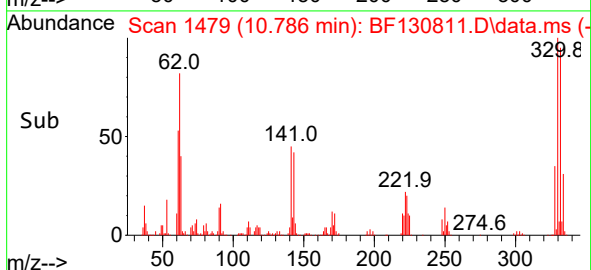
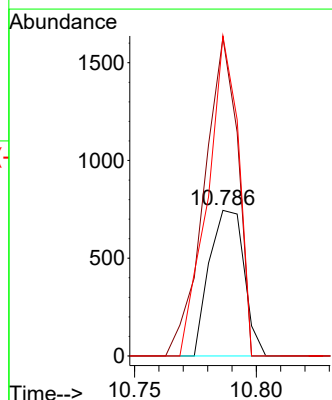
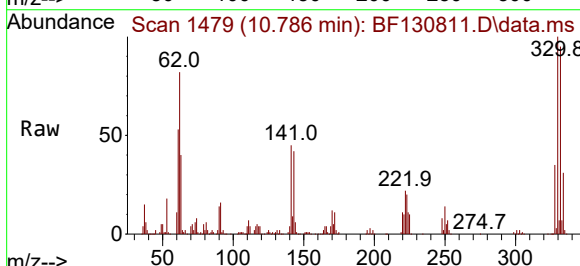
Tgt Ion:198 Resp: 741

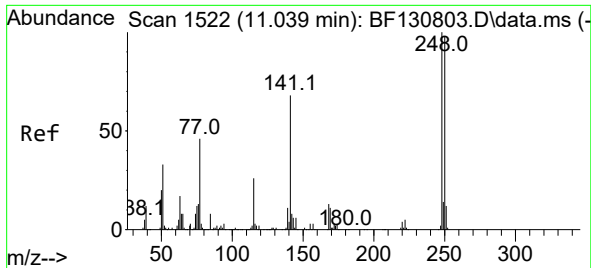
Ion Ratio Lower Upper

198 100

51 218.7 39.0 79.0#

105 219.7 30.6 70.6#

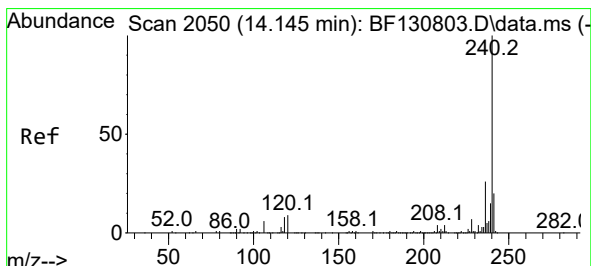
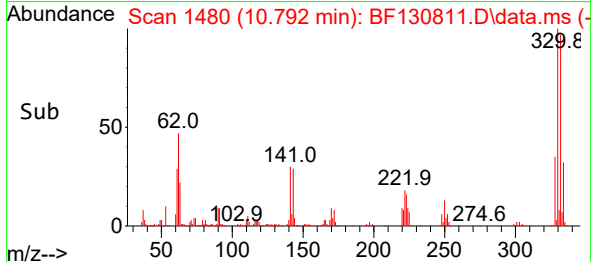
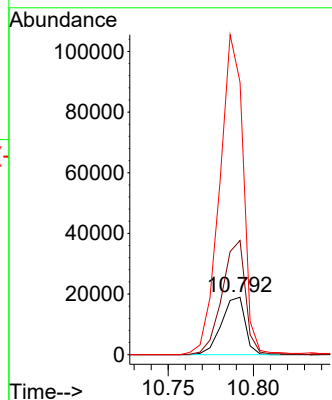
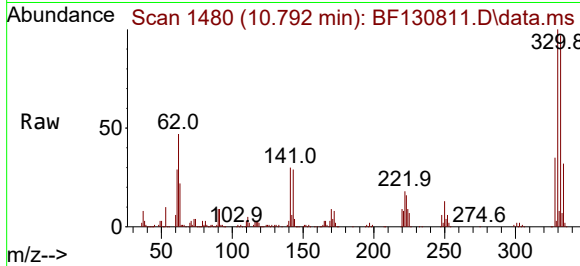




#67
4-Bromophenyl-phenylether
Concen: 4.175 ng
RT: 10.792 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF130811.D
Acq: 27 Oct 2022 22:24

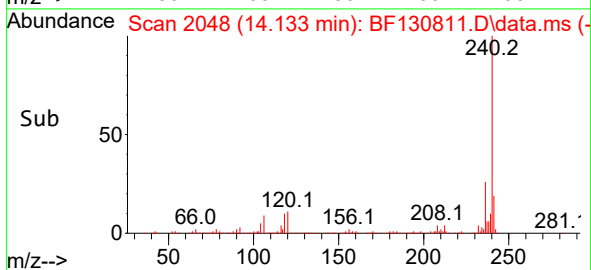
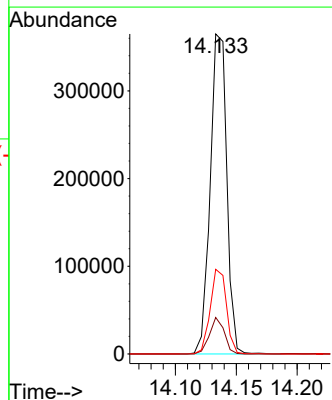
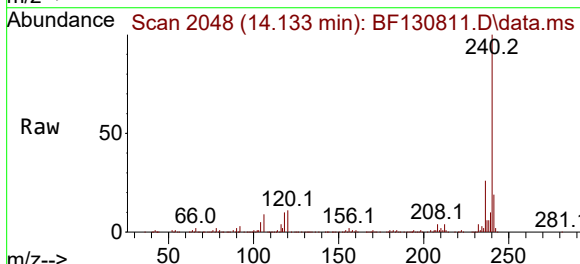
Instrument :
BNA_F
ClientSampleId :
PB148576BL

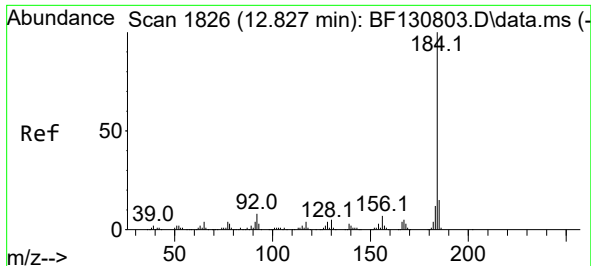
Tgt Ion:248 Resp: 18251
Ion Ratio Lower Upper
248 100
250 199.2 78.6 117.8#
141 474.7 54.2 81.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2048
Delta R.T. -0.012 min
Lab File: BF130811.D
Acq: 27 Oct 2022 22:24

Tgt Ion:240 Resp: 344920
Ion Ratio Lower Upper
240 100
120 11.4 7.0 10.4#
236 26.4 20.5 30.7

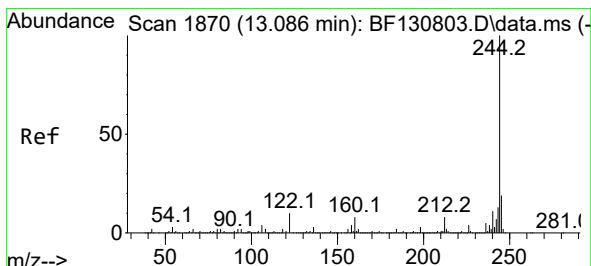
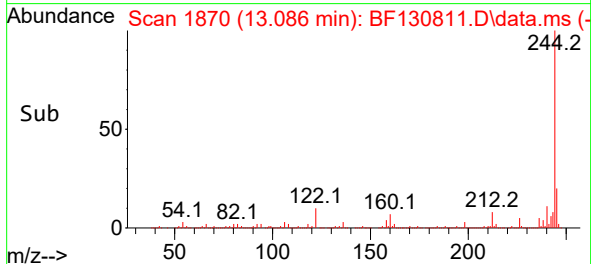
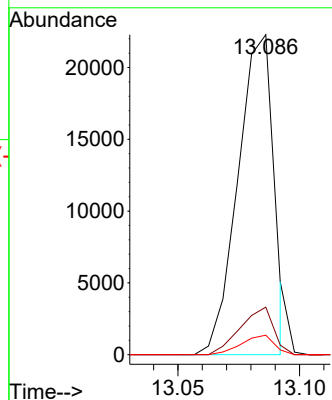
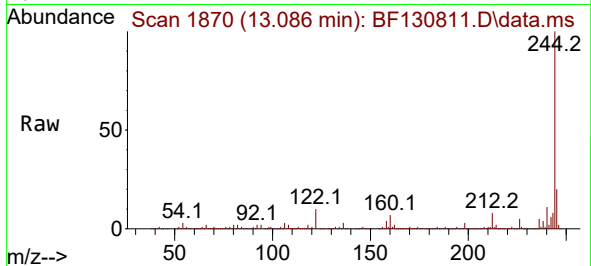




#77
Benzidine
Concen: 2.725 ng
RT: 13.086 min Scan# 1826
Delta R.T. 0.259 min
Lab File: BF130811.D
Acq: 27 Oct 2022 22:24

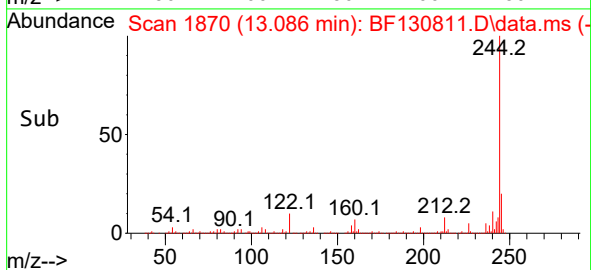
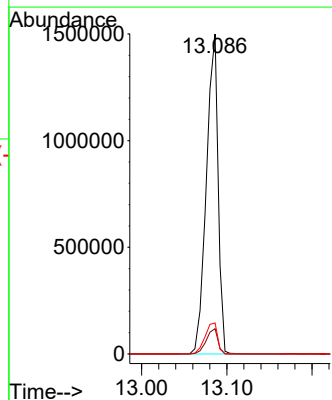
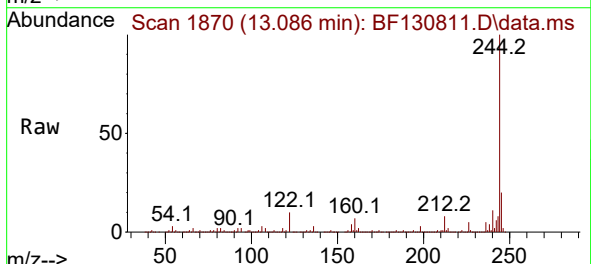
Instrument :
BNA_F
ClientSampleId :
PB148576BL

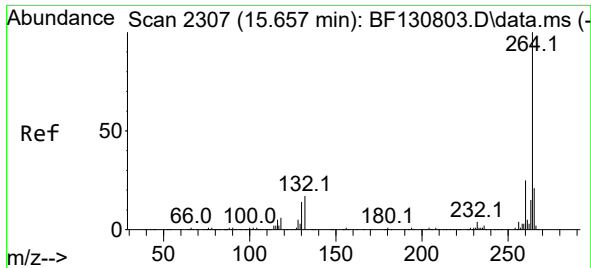
Tgt Ion:184 Resp: 22820
Ion Ratio Lower Upper
184 100
185 14.9 11.8 17.8
183 6.1 9.7 14.5#



#79
Terphenyl-d14
Concen: 76.141 ng
RT: 13.086 min Scan# 1870
Delta R.T. 0.000 min
Lab File: BF130811.D
Acq: 27 Oct 2022 22:24

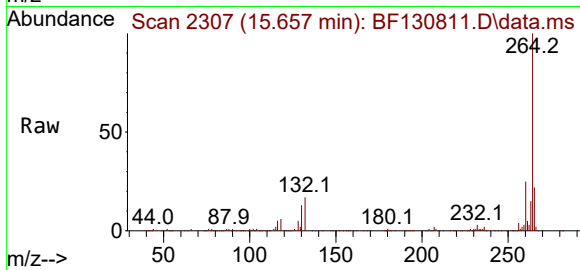
Tgt Ion:244 Resp: 1433182
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.2
122 9.7 7.9 11.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.657 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF130811.D
 Acq: 27 Oct 2022 22:24

Instrument :
 BNA_F
 ClientSampleId :
 PB148576BL



Tgt Ion:264 Resp: 244548
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.9 29.9
 265 21.5 17.0 25.6

