

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
 Data File : BF134052.D
 Acq On : 30 Jun 2023 14:46
 Operator : CG\JU
 Sample : PB153881BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153881BL

Quant Time: Jun 30 18:36:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

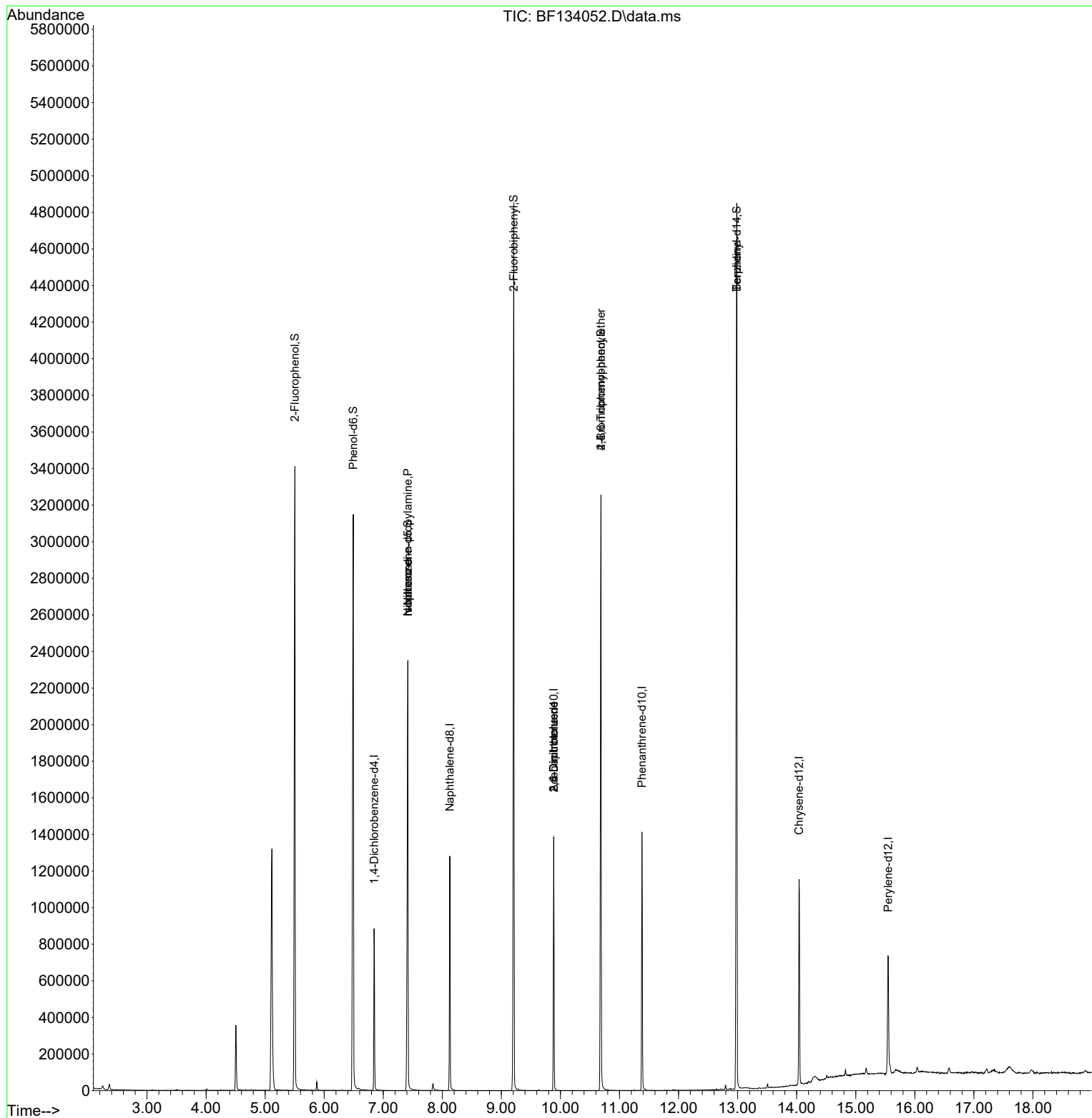
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	127776	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	505007	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	260013	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	535332	20.000	ng	0.00
76) Chrysene-d12	14.039	240	401264	20.000	ng	#-0.01
86) Perylene-d12	15.551	264	340537	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	949362	124.285	ng	0.02
7) Phenol-d6	6.492	99	1144124	121.794	ng	0.00
23) Nitrobenzene-d5	7.416	82	799074	85.295	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	423490	129.903	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1491219	83.383	ng	0.00
79) Terphenyl-d14	12.986	244	1899637	76.192	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.404	77	460	Below Cal	#	85
19) n-Nitroso-di-n-propyla...	7.416	70	113716	19.088	ng	# 80
25) Isophorone	7.416	82	795469	46.720	ng	# 64
51) 2,6-Dinitrotoluene	9.886	165	33699	8.290	ng	# 23
57) 2,4-Dinitrotoluene	9.886	165	33699	6.277	ng	# 22
67) 4-Bromophenyl-phenylether	10.686	248	25897	4.551	ng	# 1
77) Benizidine	12.986	184	27220	2.851	ng	# 91

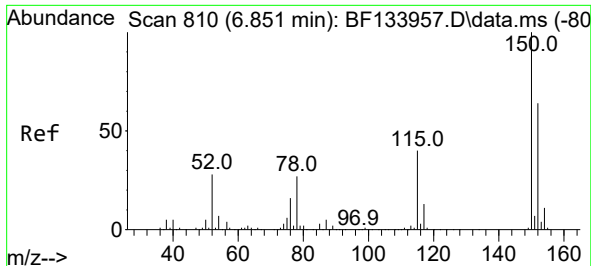
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
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Misc :
ALS Vial : 3 Sample Multiplier: 1

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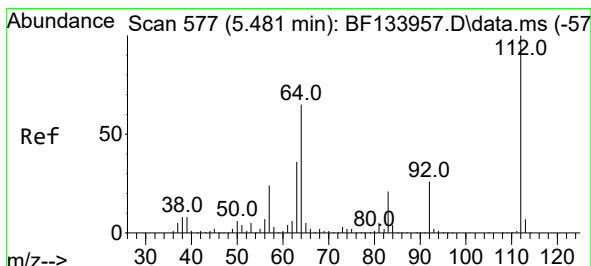
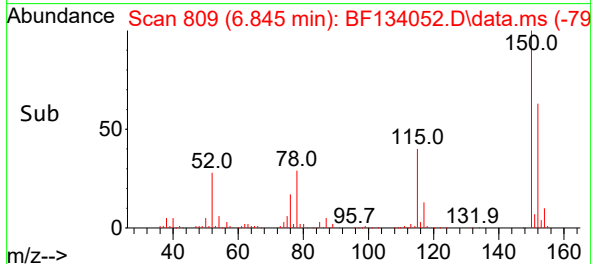
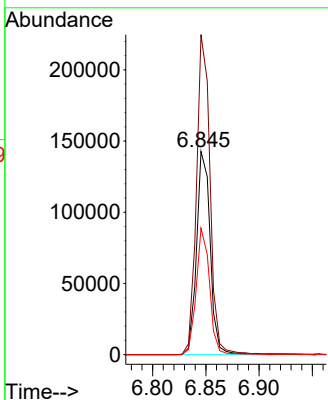
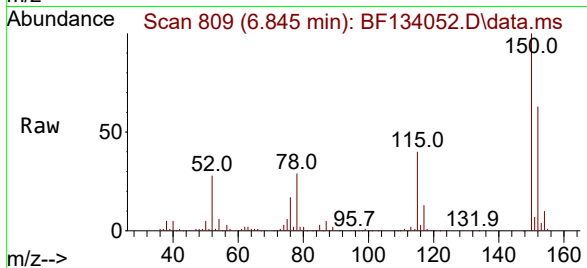




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF134052.D
Acq: 30 Jun 2023 14:46

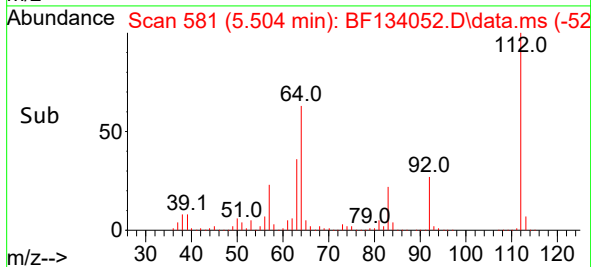
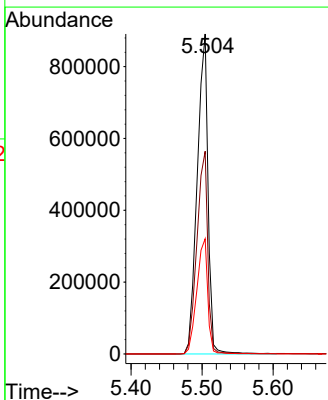
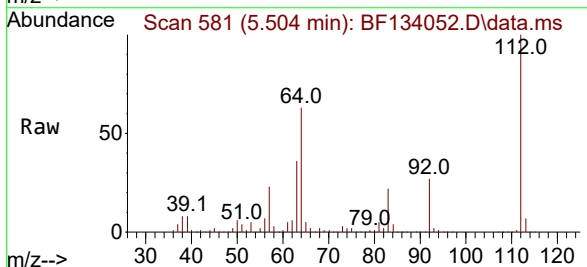
Instrument :
BNA_F
ClientSampleId :
PB153881BL

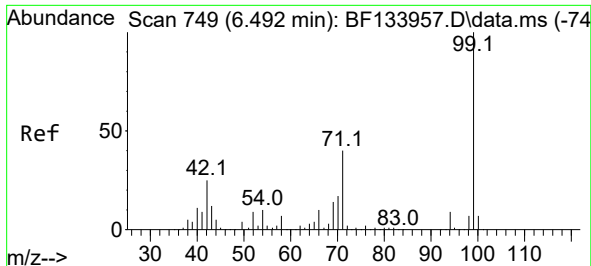
Tgt Ion:152 Resp: 127776
Ion Ratio Lower Upper
152 100
150 157.5 124.5 186.7
115 62.3 50.2 75.2



#5
2-Fluorophenol
Concen: 124.285 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF134052.D
Acq: 30 Jun 2023 14:46

Tgt Ion:112 Resp: 949362
Ion Ratio Lower Upper
112 100
64 63.4 52.1 78.1
63 36.0 28.6 42.8

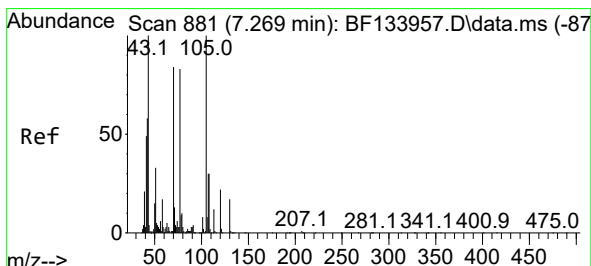
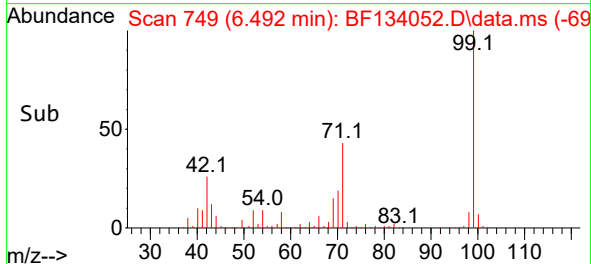
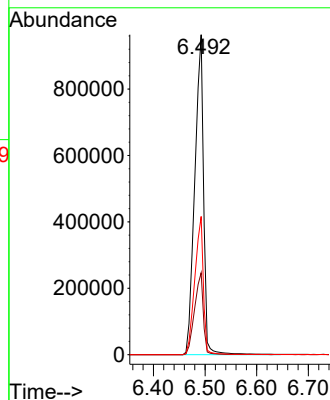
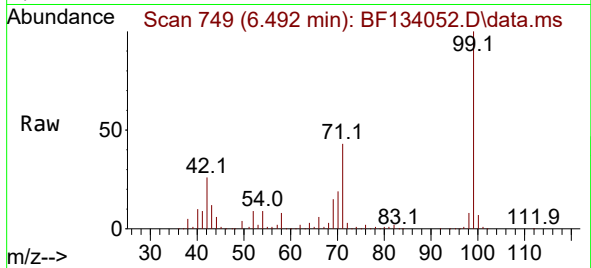




#7
Phenol-d6
Concen: 121.794 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF134052.D
Acq: 30 Jun 2023 14:46

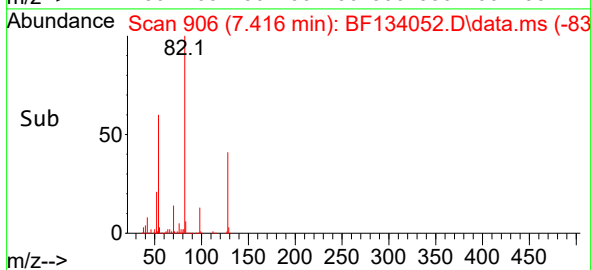
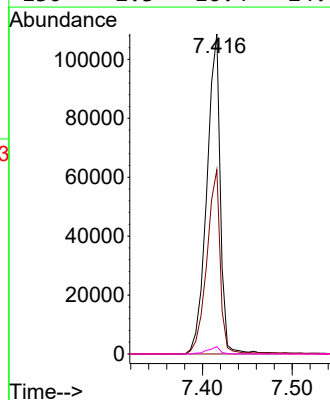
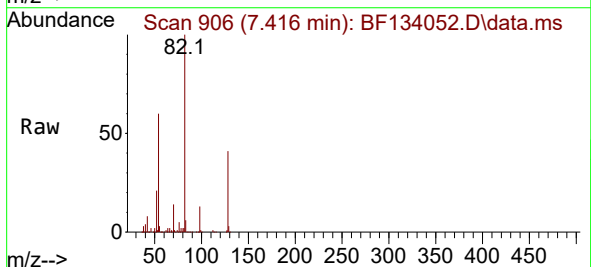
Instrument :
BNA_F
ClientSampleId :
PB153881BL

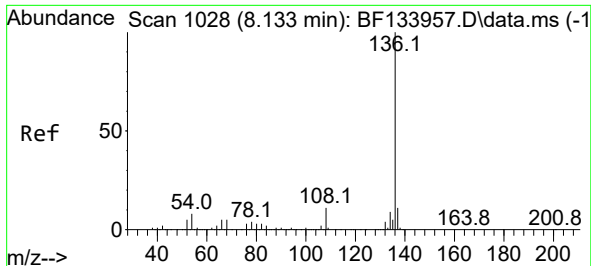
Tgt Ion: 99 Resp: 1144124
Ion Ratio Lower Upper
99 100
42 25.6 19.8 29.6
71 43.2 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 19.088 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.147 min
Lab File: BF134052.D
Acq: 30 Jun 2023 14:46

Tgt Ion: 70 Resp: 113716
Ion Ratio Lower Upper
70 100
42 57.5 54.7 82.1
101 0.0 7.7 11.5#
130 2.3 16.4 24.6#

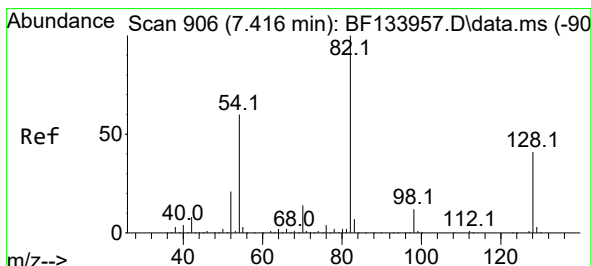
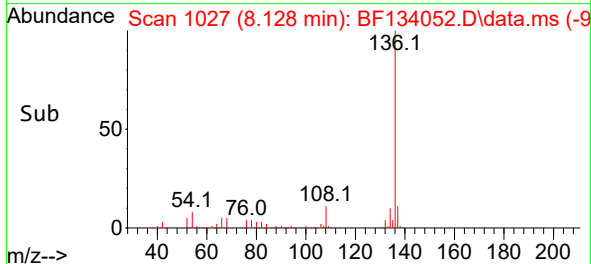
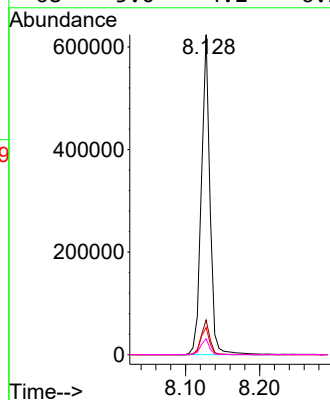
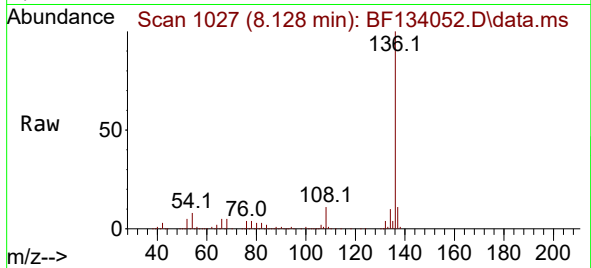




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF134052.D
Acq: 30 Jun 2023 14:46

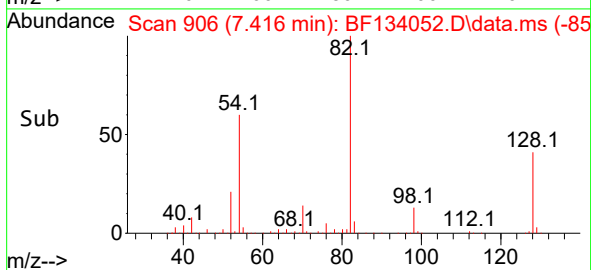
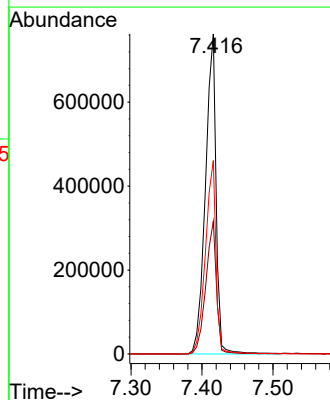
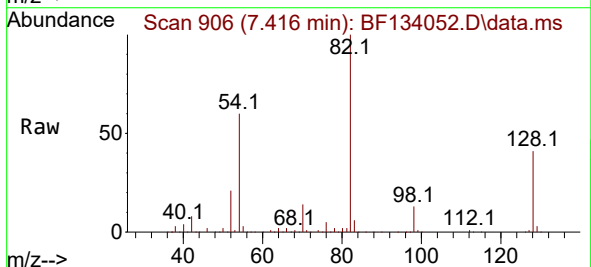
Instrument :
BNA_F
ClientSampleId :
PB153881BL

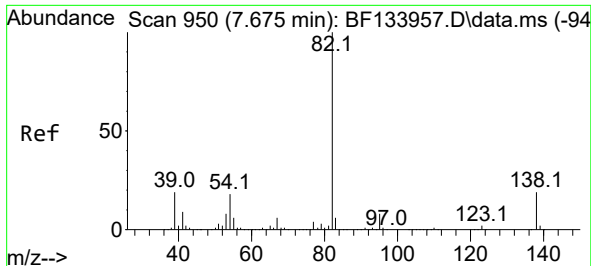
Tgt Ion:136 Resp: 505007
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 8.5 6.5 9.7
68 5.0 4.2 6.2



#23
Nitrobenzene-d5
Concen: 85.295 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF134052.D
Acq: 30 Jun 2023 14:46

Tgt Ion: 82 Resp: 799074
Ion Ratio Lower Upper
82 100
128 41.4 32.5 48.7
54 60.5 48.2 72.2

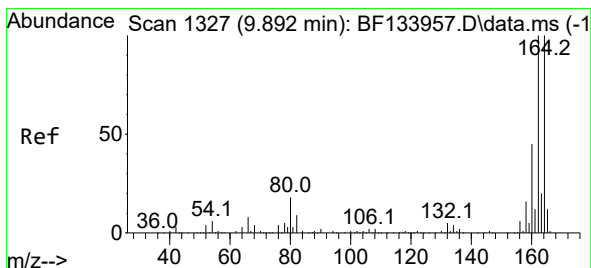
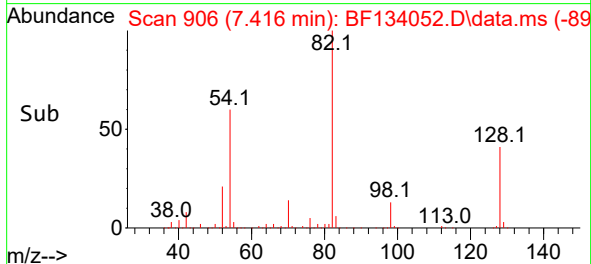
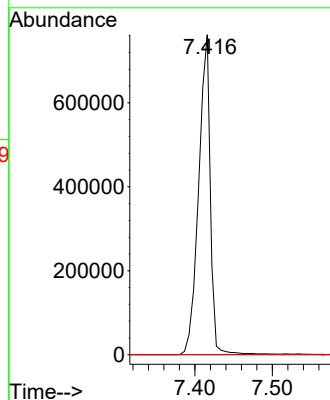
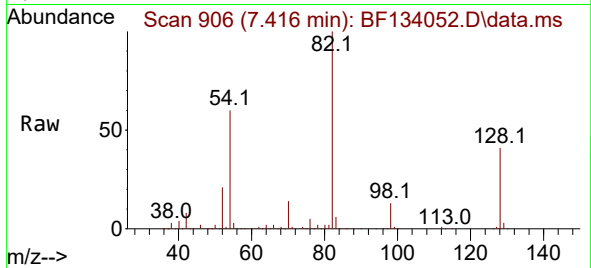




#25
Isophorone
Concen: 46.720 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134052.D
Acq: 30 Jun 2023 14:46

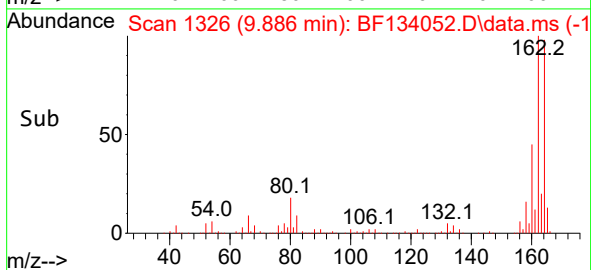
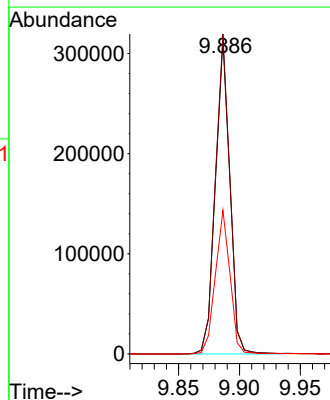
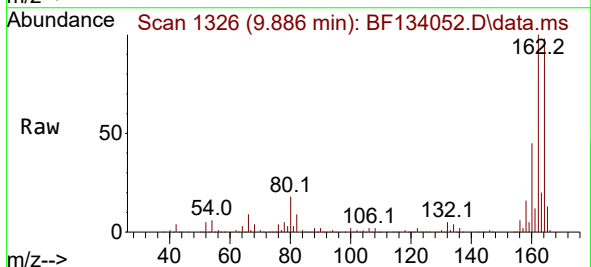
Instrument :
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ClientSampleId :
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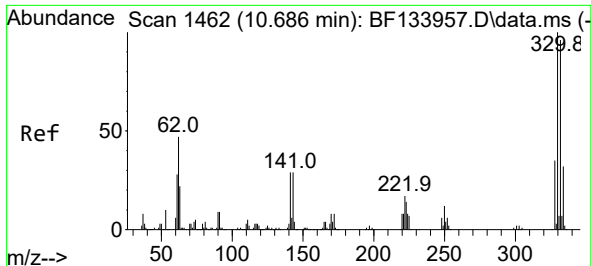
Tgt Ion: 82 Resp: 795469
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF134052.D
Acq: 30 Jun 2023 14:46

Tgt Ion: 164 Resp: 260013
Ion Ratio Lower Upper
164 100
162 101.8 80.0 120.0
160 45.7 35.9 53.9

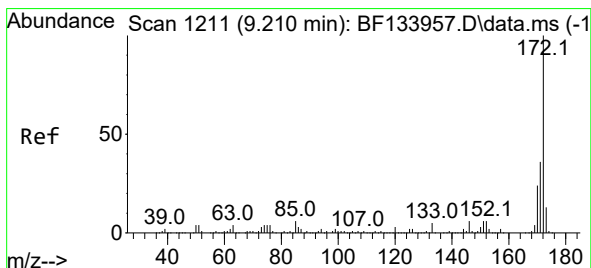
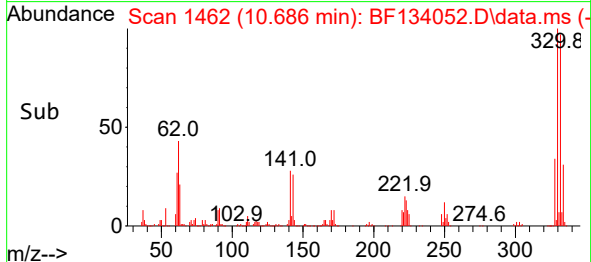
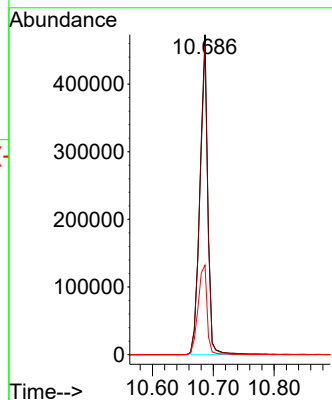
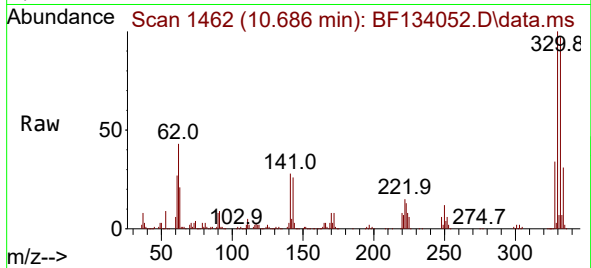




#42
2,4,6-Tribromophenol
Concen: 129.903 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF134052.D
Acq: 30 Jun 2023 14:46

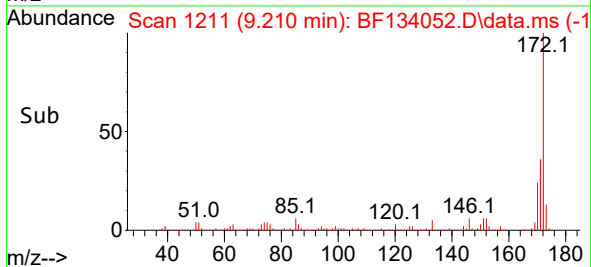
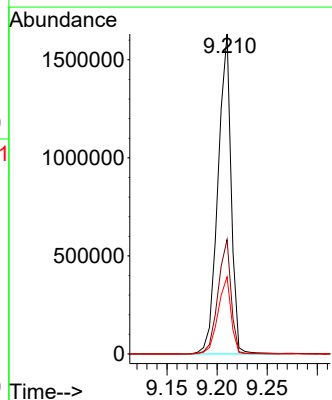
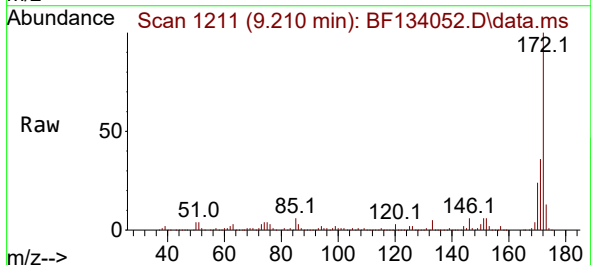
Instrument :
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ClientSampleId :
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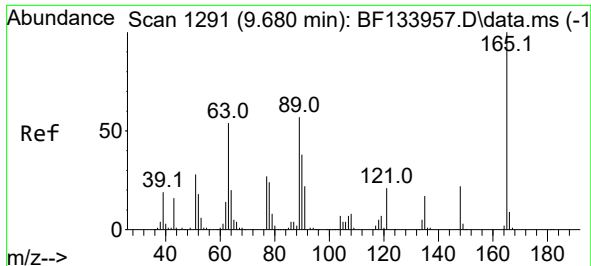
Tgt Ion:330 Resp: 423490
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 32.2 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 83.383 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BF134052.D
Acq: 30 Jun 2023 14:46

Tgt Ion:172 Resp: 1491219
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 24.1 19.4 29.0

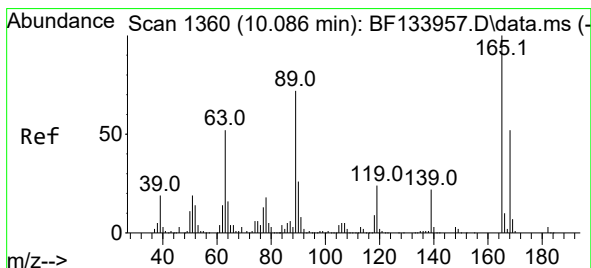
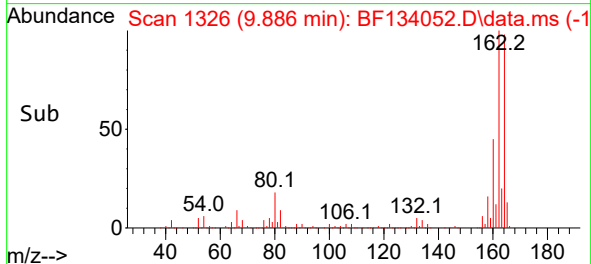
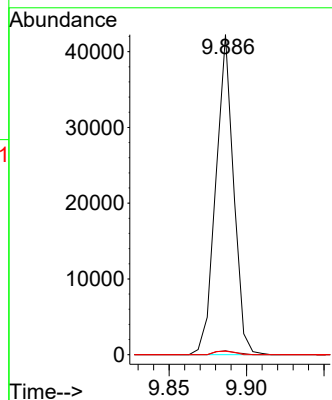
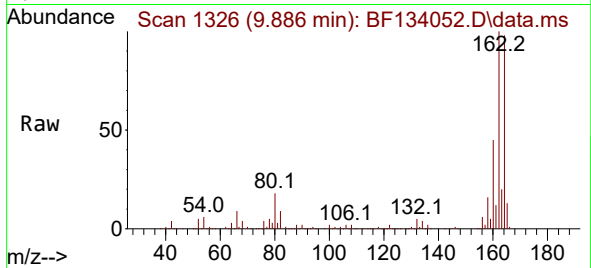




#51
2,6-Dinitrotoluene
Concen: 8.290 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF134052.D
Acq: 30 Jun 2023 14:46

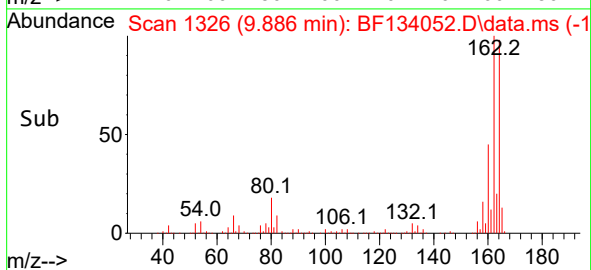
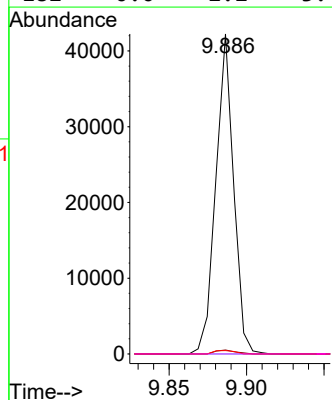
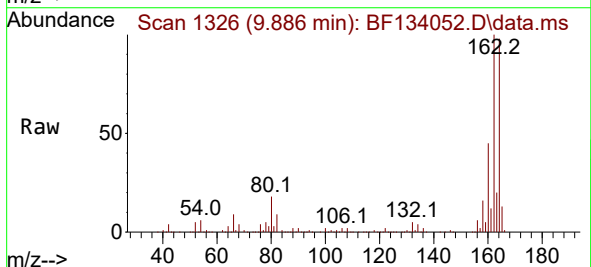
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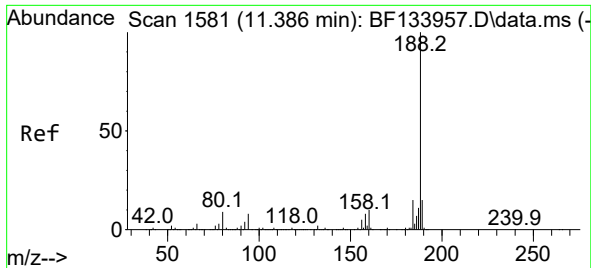
Tgt Ion:165 Resp: 33699
Ion Ratio Lower Upper
165 100
63 1.3 48.5 72.7#
89 1.0 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.277 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF134052.D
Acq: 30 Jun 2023 14:46

Tgt Ion:165 Resp: 33699
Ion Ratio Lower Upper
165 100
63 1.3 42.2 63.2#
89 1.0 57.4 86.2#
182 0.0 2.2 3.4#

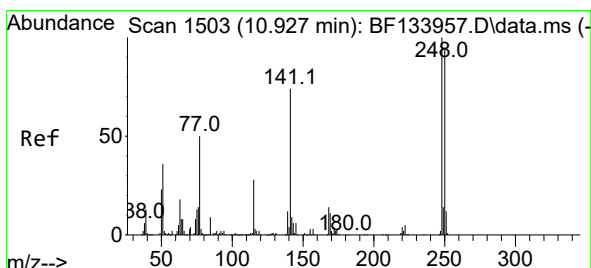
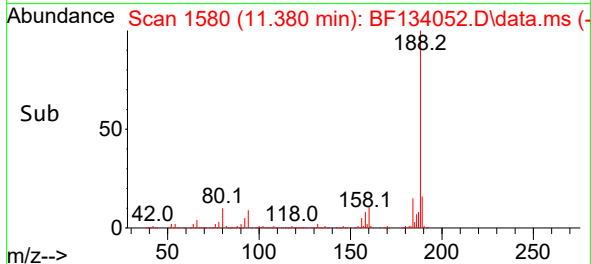
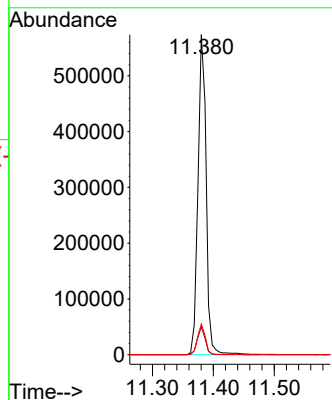
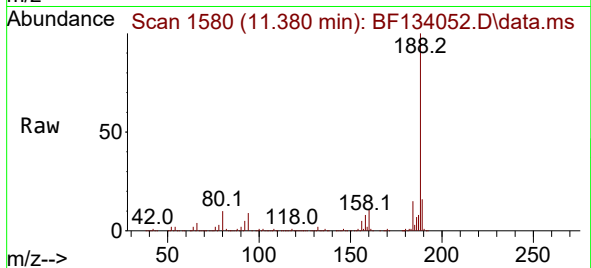




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134052.D
Acq: 30 Jun 2023 14:46

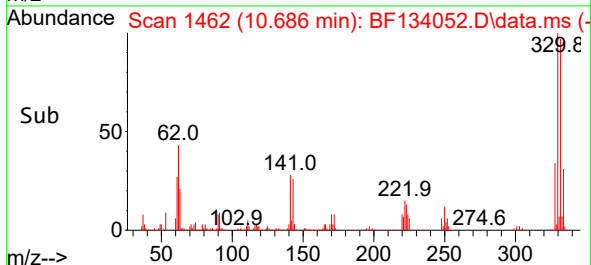
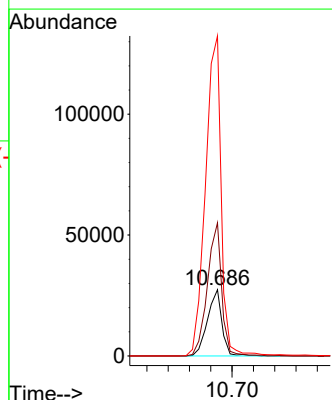
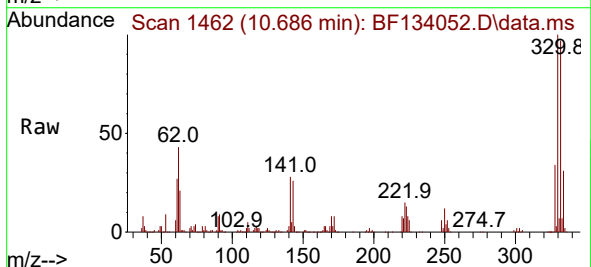
Instrument :
BNA_F
ClientSampleId :
PB153881BL

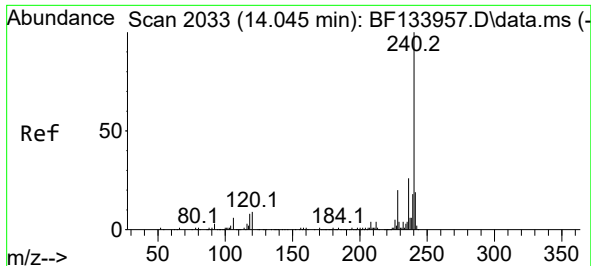
Tgt Ion:188 Resp: 535332
Ion Ratio Lower Upper
188 100
94 8.7 6.4 9.6
80 9.6 7.3 10.9



#67
4-Bromophenyl-phenylether
Concen: 4.551 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.241 min
Lab File: BF134052.D
Acq: 30 Jun 2023 14:46

Tgt Ion:248 Resp: 25897
Ion Ratio Lower Upper
248 100
250 201.1 76.2 114.4#
141 483.6 59.0 88.4#

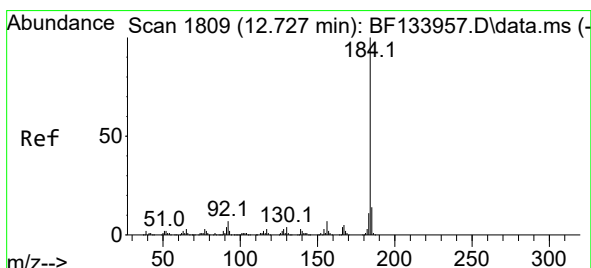
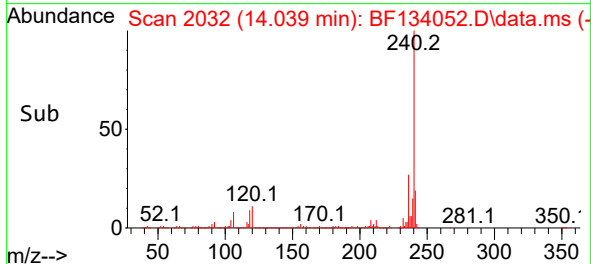
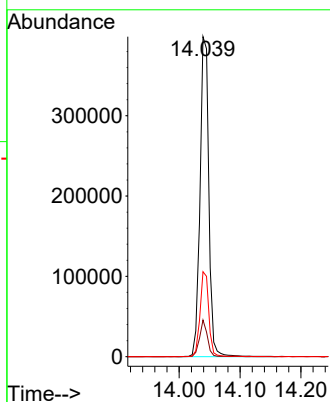
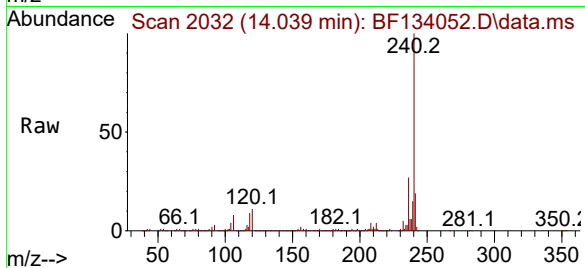




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF134052.D
Acq: 30 Jun 2023 14:46

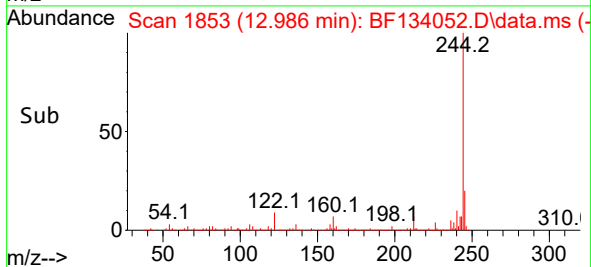
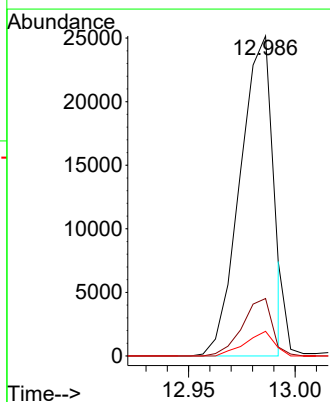
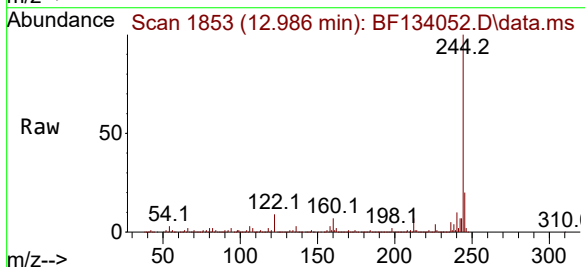
Instrument :
BNA_F
ClientSampleId :
PB153881BL

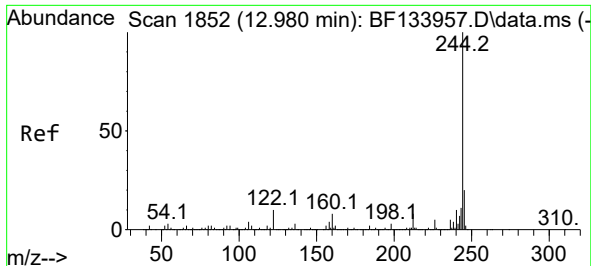
Tgt Ion:240 Resp: 401264
Ion Ratio Lower Upper
240 100
120 11.4 7.4 11.0#
236 26.6 21.0 31.6



#77
Benzidine
Concen: 2.851 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.259 min
Lab File: BF134052.D
Acq: 30 Jun 2023 14:46

Tgt Ion:184 Resp: 27220
Ion Ratio Lower Upper
184 100
185 17.9 11.6 17.4#
183 7.7 8.8 13.2#

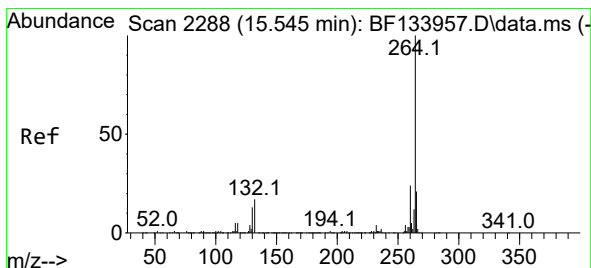
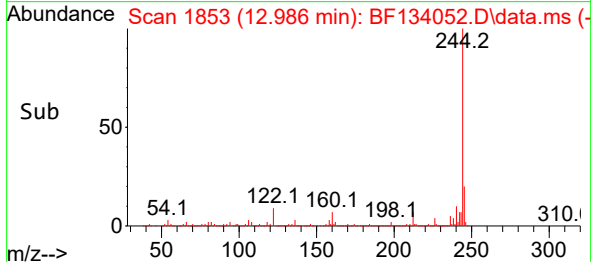
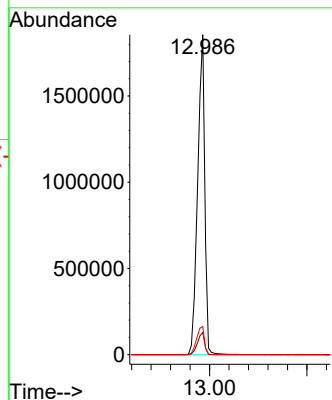
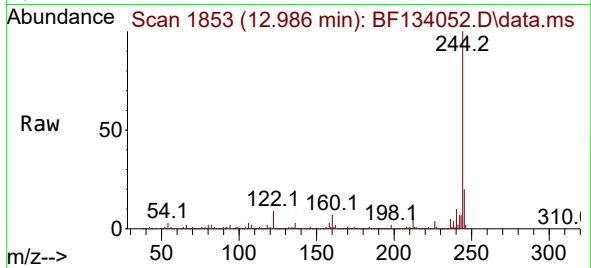




#79
Terphenyl-d14
Concen: 76.192 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BF134052.D
Acq: 30 Jun 2023 14:46

Instrument :
BNA_F
ClientSampleId :
PB153881BL

Tgt Ion:244 Resp: 1899637
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 8.8 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2289
Delta R.T. -0.000 min
Lab File: BF134052.D
Acq: 30 Jun 2023 14:46

Tgt Ion:264 Resp: 340537
Ion Ratio Lower Upper
264 100
260 24.6 19.5 29.3
265 21.4 16.6 25.0

