

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
 Data File : BF134074.D
 Acq On : 05 Jul 2023 19:08
 Operator : CG\JU
 Sample : PB153909BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153909BL

Quant Time: Jul 06 00:21:30 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)

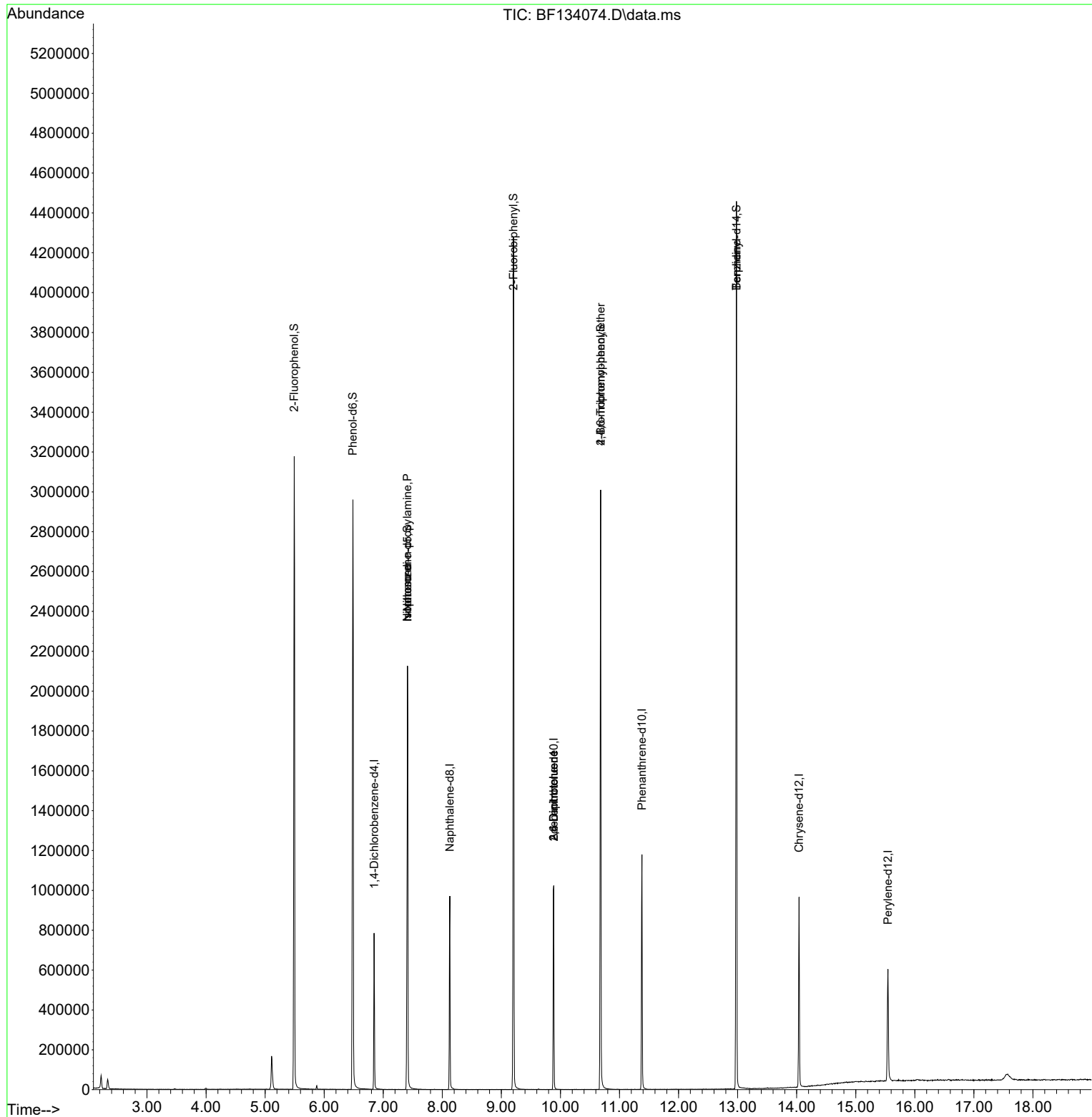
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	105555	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	421454	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	211268	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	441270	20.000	ng	0.00
76) Chrysene-d12	14.039	240	321977	20.000	ng	-0.01
86) Perylene-d12	15.545	264	277375	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	884004	140.091	ng	0.00
7) Phenol-d6	6.487	99	1072501	138.204	ng	0.00
23) Nitrobenzene-d5	7.410	82	725430	92.785	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	375114	141.612	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1343710	92.471	ng	0.00
79) Terphenyl-d14	12.980	244	1679109	83.931	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.487	77	2060	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	104935	21.323	ng	# 78
25) Isophorone	7.410	82	723709	50.932	ng	# 64
51) 2,6-Dinitrotoluene	9.886	165	28706	8.691	ng	# 24
57) 2,4-Dinitrotoluene	9.886	165	28706	6.581	ng	# 23
67) 4-Bromophenyl-phenylether	10.680	248	22795	4.860	ng	# 1
77) Benizidine	12.980	184	23586	3.079	ng	# 87

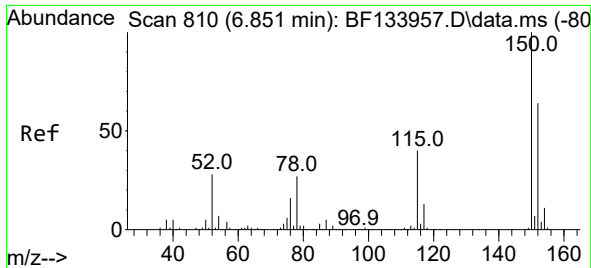
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
Data File : BF134074.D
Acq On : 05 Jul 2023 19:08
Operator : CG\JU
Sample : PB153909BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB153909BL

Quant Time: Jul 06 00:21:30 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

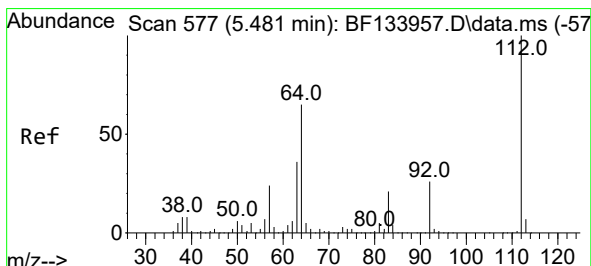
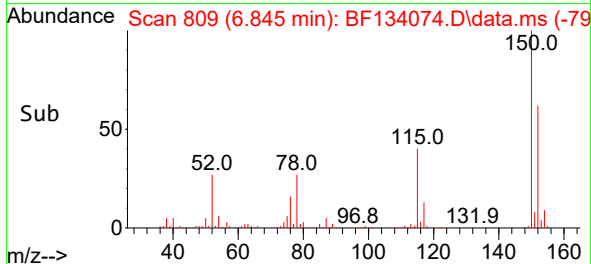
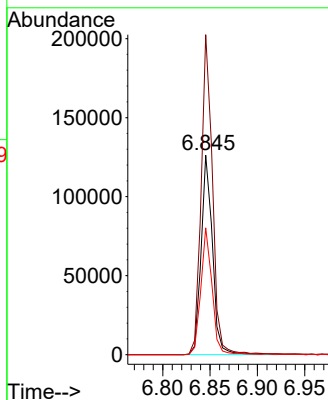
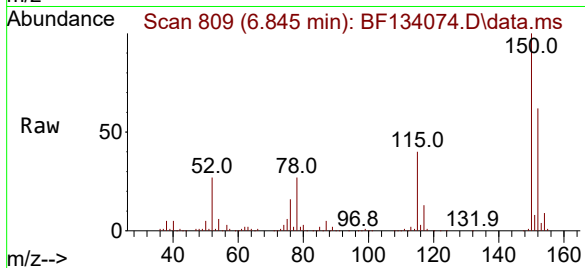




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134074.D
Acq: 05 Jul 2023 19:08

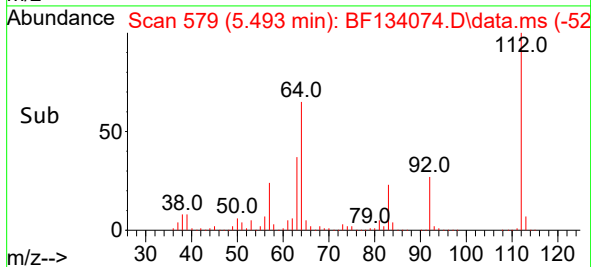
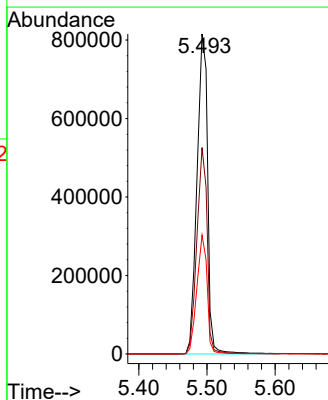
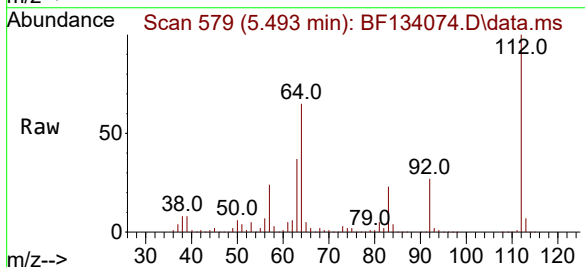
Instrument :
BNA_F
ClientSampleId :
PB153909BL

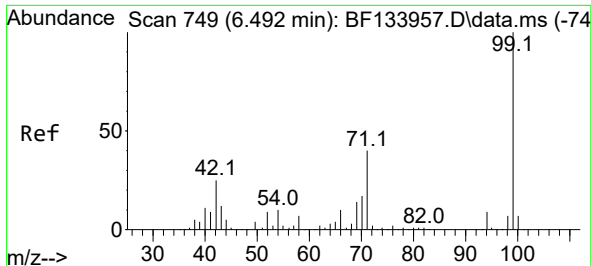
Tgt Ion:152 Resp: 105555
Ion Ratio Lower Upper
152 100
150 160.3 124.5 186.7
115 63.6 50.2 75.2



#5
2-Fluorophenol
Concen: 140.091 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF134074.D
Acq: 05 Jul 2023 19:08

Tgt Ion:112 Resp: 884004
Ion Ratio Lower Upper
112 100
64 64.5 52.1 78.1
63 37.2 28.6 42.8

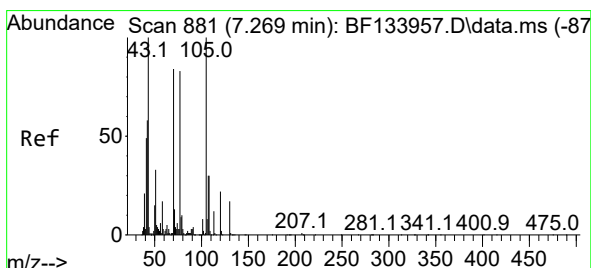
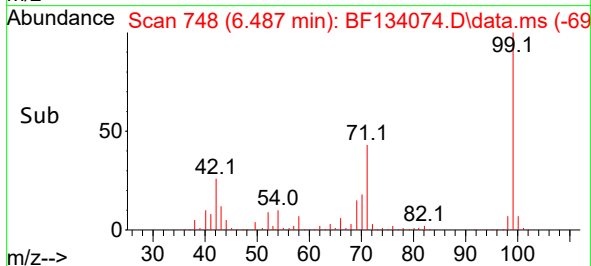
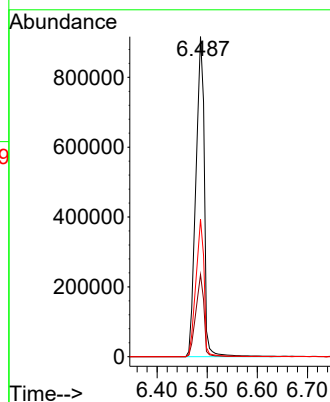
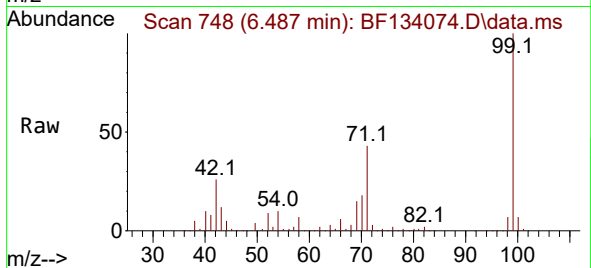




#7
Phenol-d6
Concen: 138.204 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134074.D
Acq: 05 Jul 2023 19:08

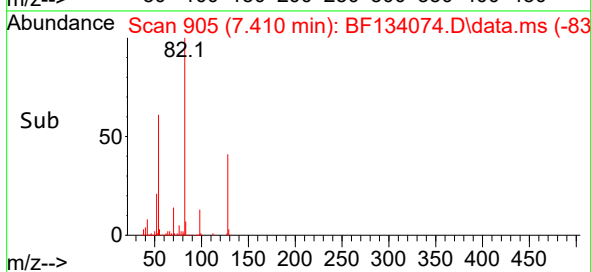
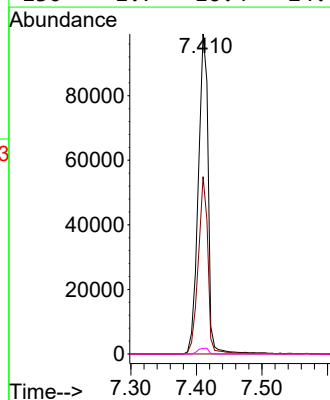
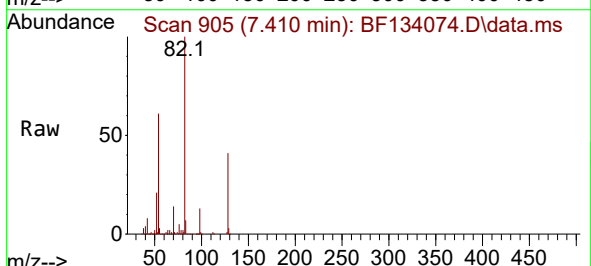
Instrument :
BNA_F
ClientSampleId :
PB153909BL

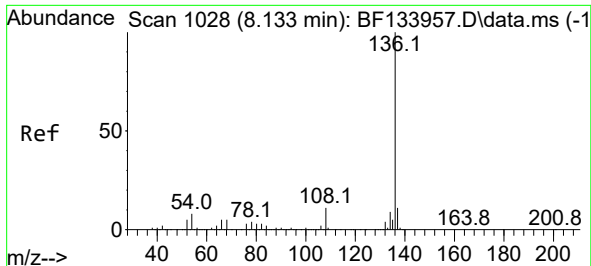
Tgt Ion: 99 Resp: 1072501
Ion Ratio Lower Upper
99 100
42 25.6 19.8 29.6
71 42.9 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 21.323 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF134074.D
Acq: 05 Jul 2023 19:08

Tgt Ion: 70 Resp: 104935
Ion Ratio Lower Upper
70 100
42 55.4 54.7 82.1
101 0.0 7.7 11.5#
130 1.7 16.4 24.6#



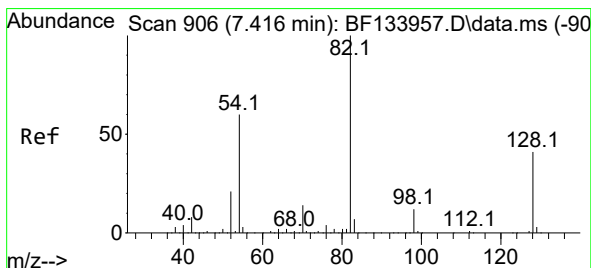
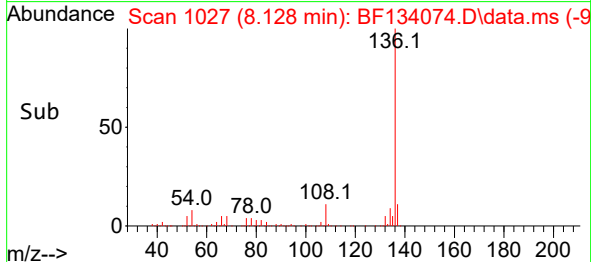
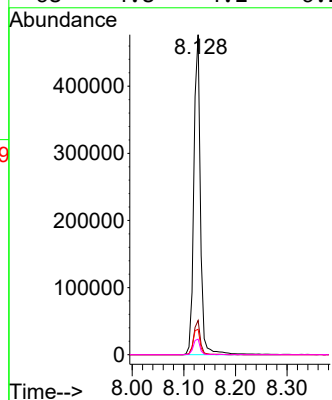
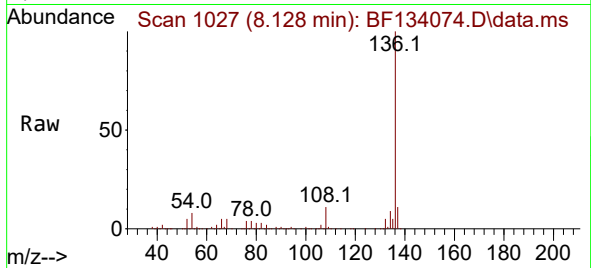


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF134074.D
Acq: 05 Jul 2023 19:08

Instrument :
BNA_F
ClientSampleId :
PB153909BL

Tgt Ion:136 Resp: 421454

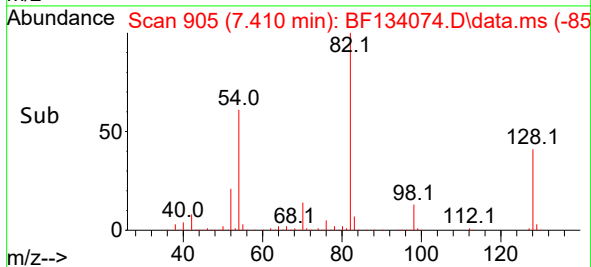
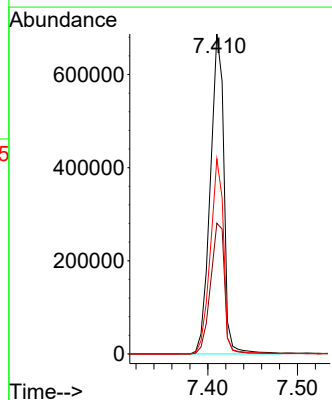
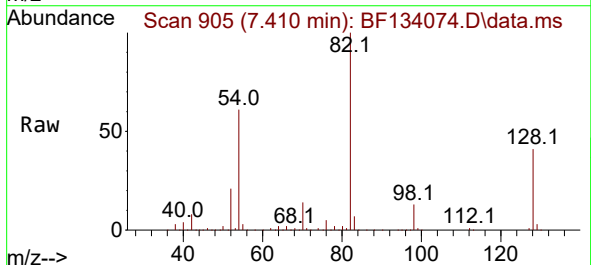
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	7.9	6.5	9.7
68	4.8	4.2	6.2

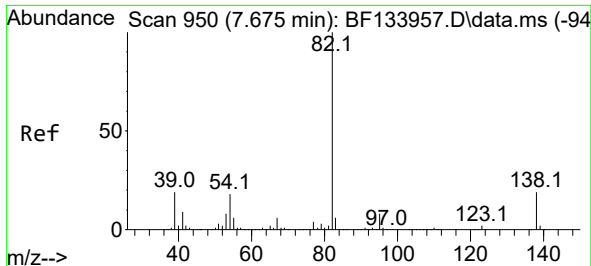


#23
Nitrobenzene-d5
Concen: 92.785 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF134074.D
Acq: 05 Jul 2023 19:08

Tgt Ion: 82 Resp: 725430

Ion	Ratio	Lower	Upper
82	100		
128	40.9	32.5	48.7
54	60.9	48.2	72.2

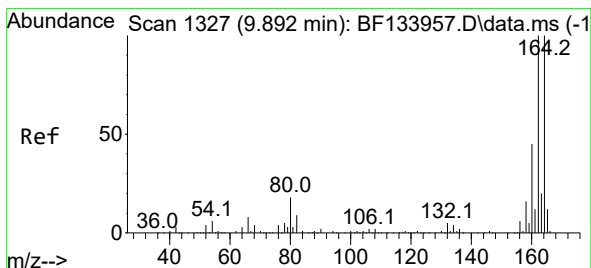
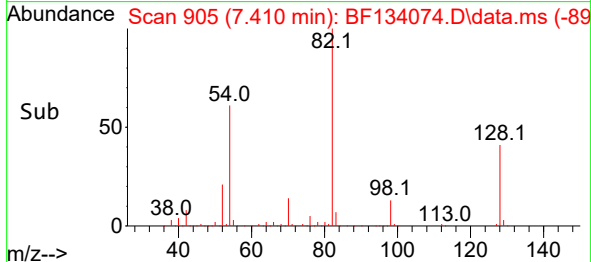
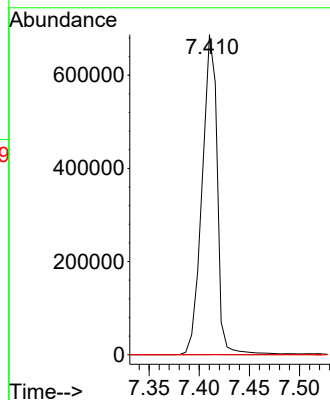
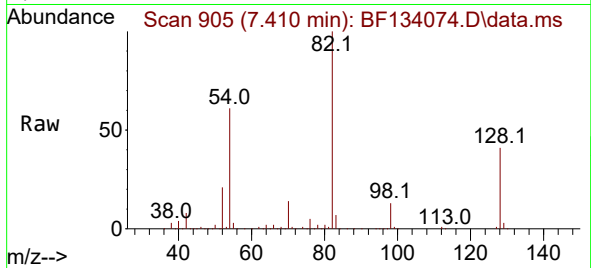




#25
Isophorone
Concen: 50.932 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134074.D
Acq: 05 Jul 2023 19:08

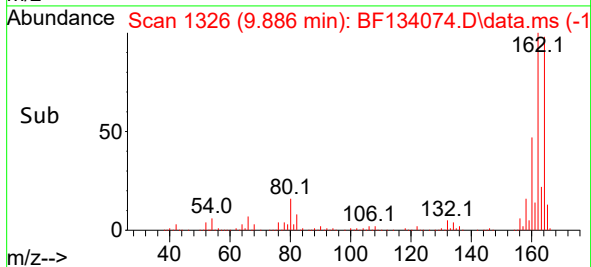
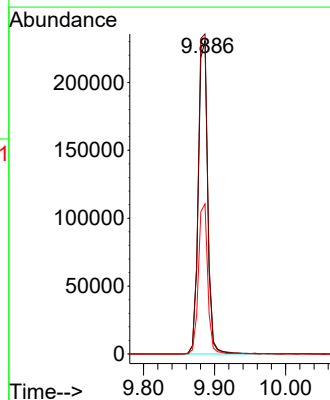
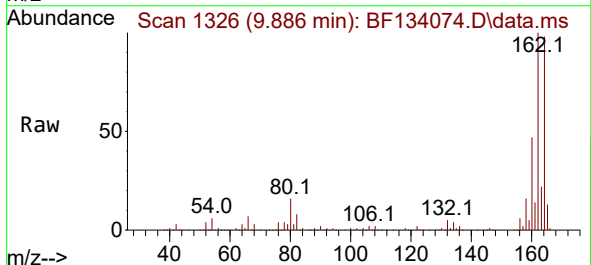
Instrument :
BNA_F
ClientSampleId :
PB153909BL

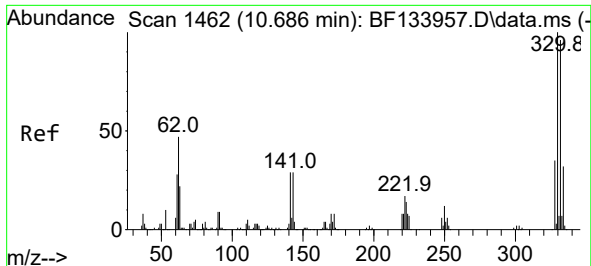
Tgt Ion: 82 Resp: 723709
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF134074.D
Acq: 05 Jul 2023 19:08

Tgt Ion: 164 Resp: 211268
Ion Ratio Lower Upper
164 100
162 102.2 80.0 120.0
160 47.9 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 141.612 ng

RT: 10.680 min Scan# 1461

Delta R.T. -0.006 min

Lab File: BF134074.D

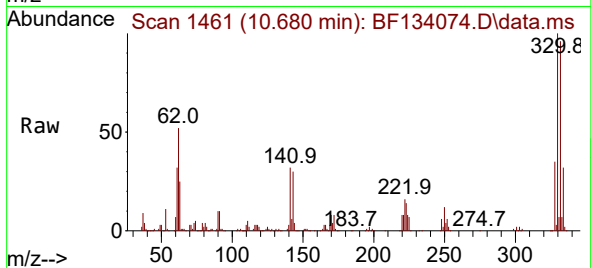
Acq: 05 Jul 2023 19:08

Instrument :

BNA_F

ClientSampleId :

PB153909BL



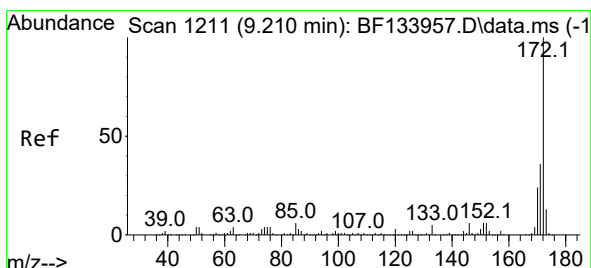
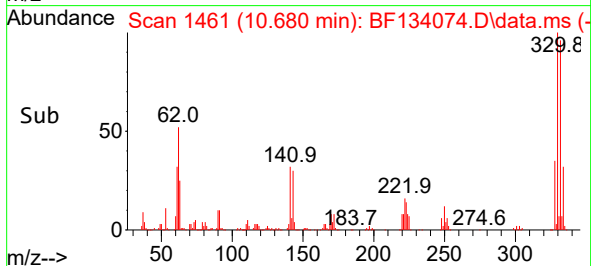
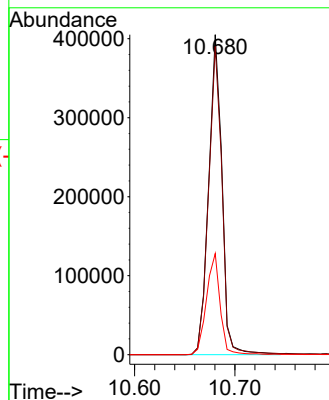
Tgt Ion:330 Resp: 375114

Ion Ratio Lower Upper

330 100

332 97.9 77.0 115.6

141 32.7 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 92.471 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF134074.D

Acq: 05 Jul 2023 19:08

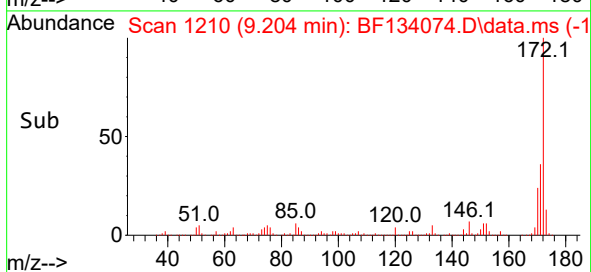
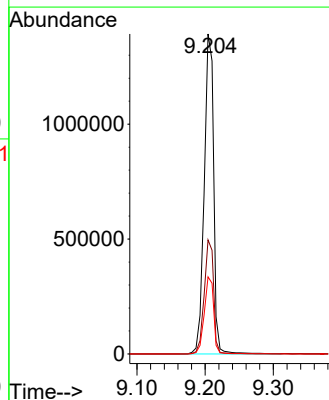
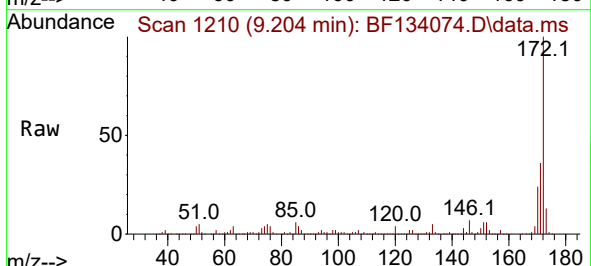
Tgt Ion:172 Resp: 1343710

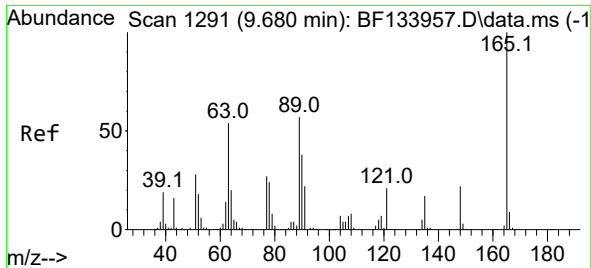
Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 24.1 19.4 29.0

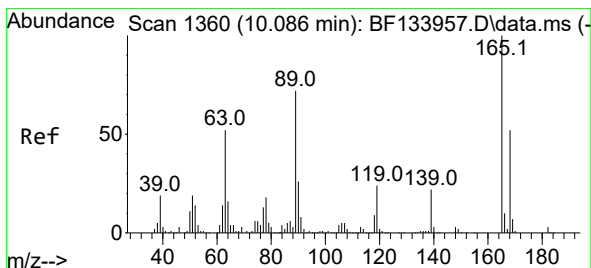
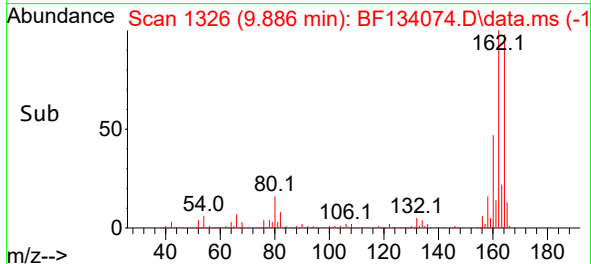
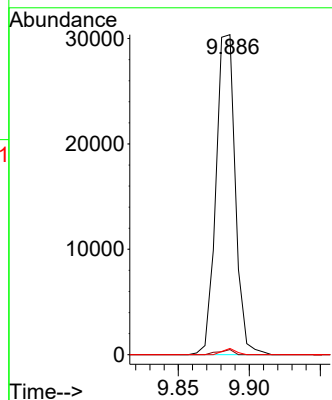
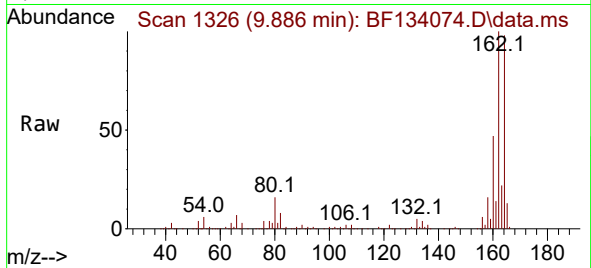




#51
2,6-Dinitrotoluene
Concen: 8.691 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF134074.D
Acq: 05 Jul 2023 19:08

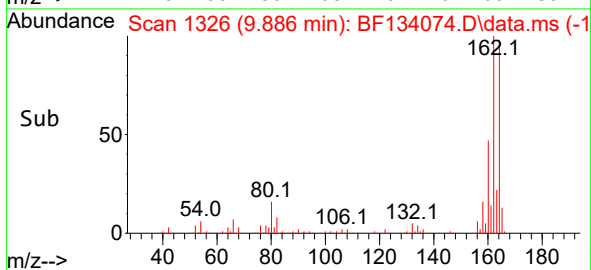
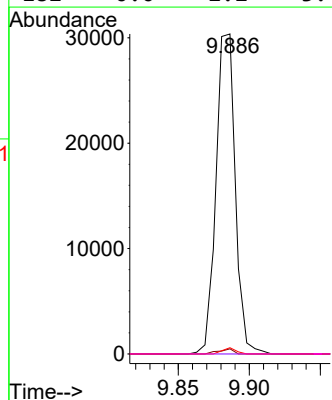
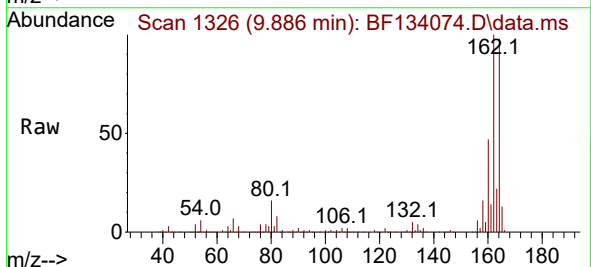
Instrument :
BNA_F
ClientSampleId :
PB153909BL

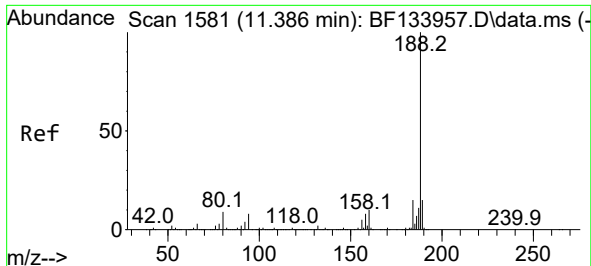
Tgt Ion:165 Resp: 28706
Ion Ratio Lower Upper
165 100
63 1.6 48.5 72.7#
89 2.0 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.581 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF134074.D
Acq: 05 Jul 2023 19:08

Tgt Ion:165 Resp: 28706
Ion Ratio Lower Upper
165 100
63 1.6 42.2 63.2#
89 2.0 57.4 86.2#
182 0.0 2.2 3.4#

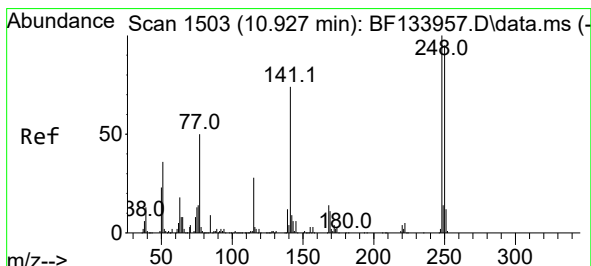
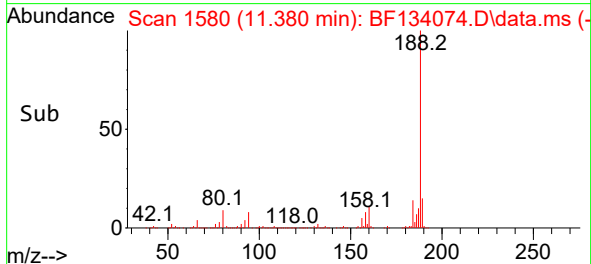
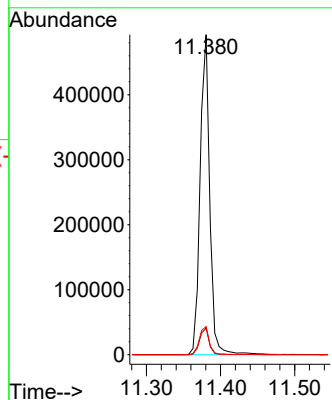
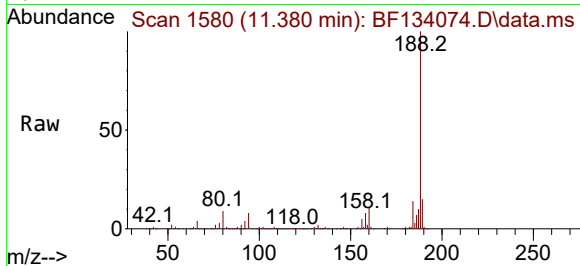




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134074.D
Acq: 05 Jul 2023 19:08

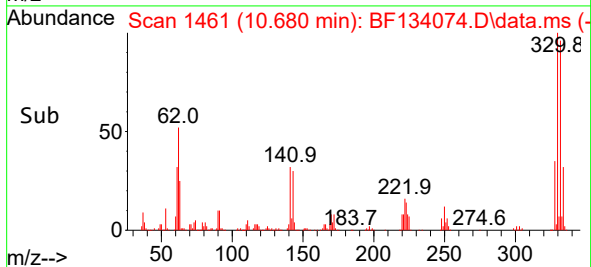
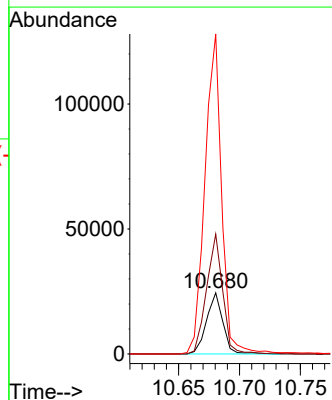
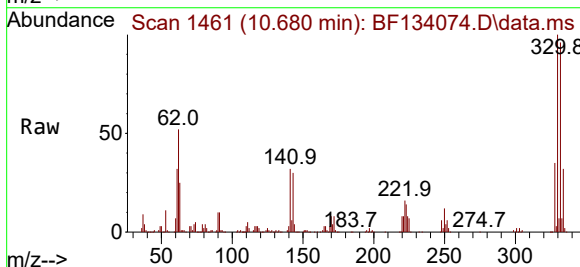
Instrument :
BNA_F
ClientSampleId :
PB153909BL

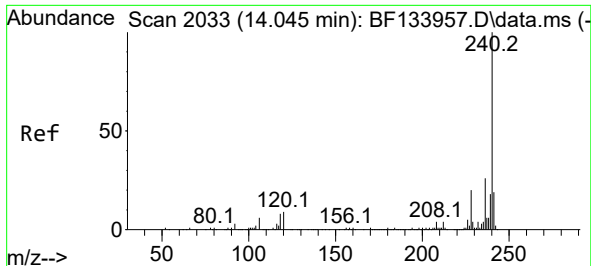
Tgt Ion:188 Resp: 441270
Ion Ratio Lower Upper
188 100
94 8.3 6.4 9.6
80 8.8 7.3 10.9



#67
4-Bromophenyl-phenylether
Concen: 4.860 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.247 min
Lab File: BF134074.D
Acq: 05 Jul 2023 19:08

Tgt Ion:248 Resp: 22795
Ion Ratio Lower Upper
248 100
250 196.1 76.2 114.4#
141 523.2 59.0 88.4#

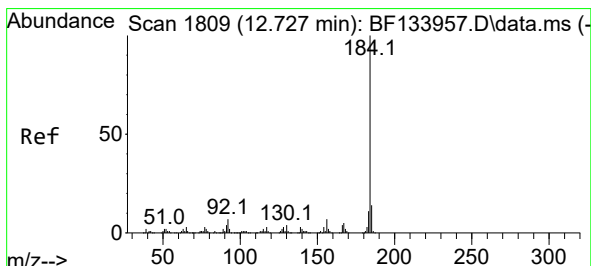
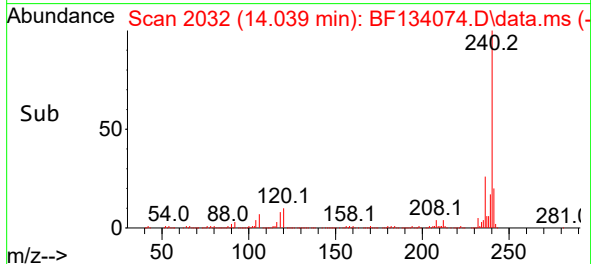
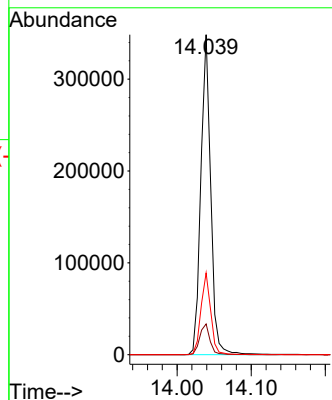
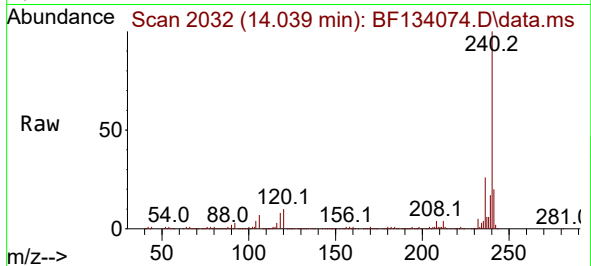




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF134074.D
Acq: 05 Jul 2023 19:08

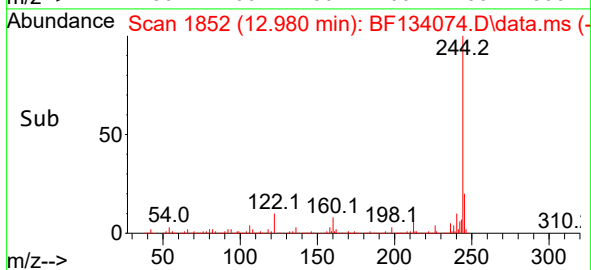
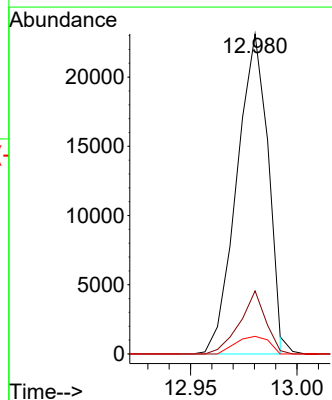
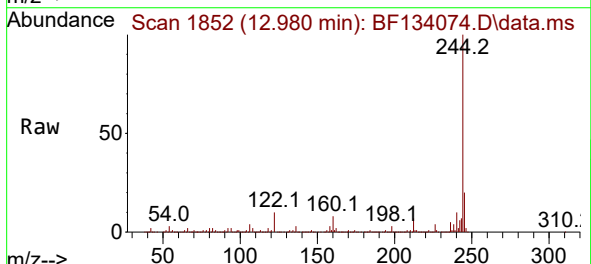
Instrument :
BNA_F
ClientSampleId :
PB153909BL

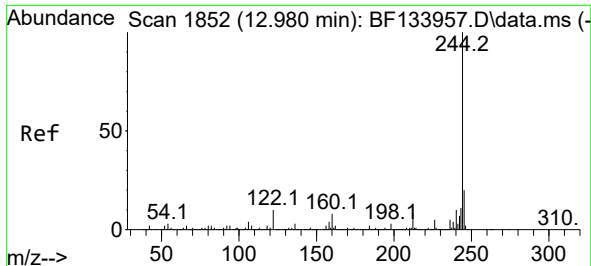
Tgt Ion:240 Resp: 321977
Ion Ratio Lower Upper
240 100
120 9.6 7.4 11.0
236 25.5 21.0 31.6



#77
Benzidine
Concen: 3.079 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.253 min
Lab File: BF134074.D
Acq: 05 Jul 2023 19:08

Tgt Ion:184 Resp: 23586
Ion Ratio Lower Upper
184 100
185 19.7 11.6 17.4#
183 5.5 8.8 13.2#

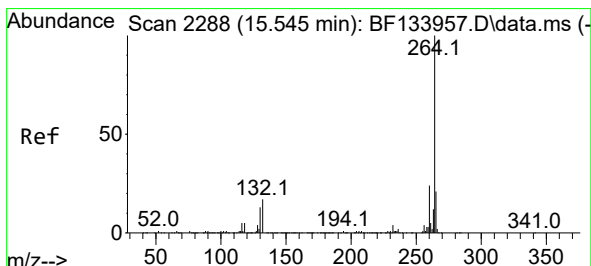
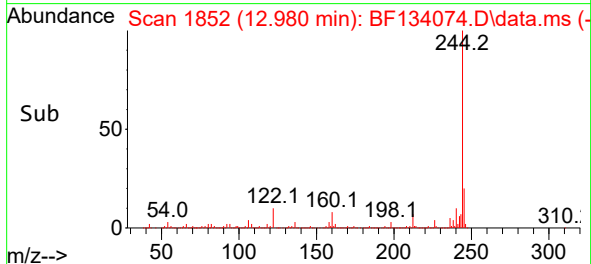
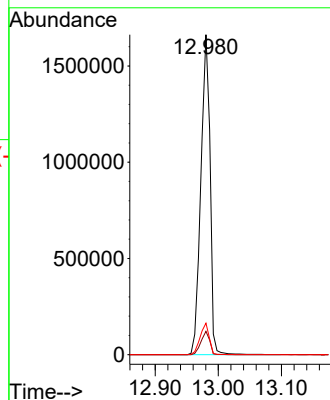
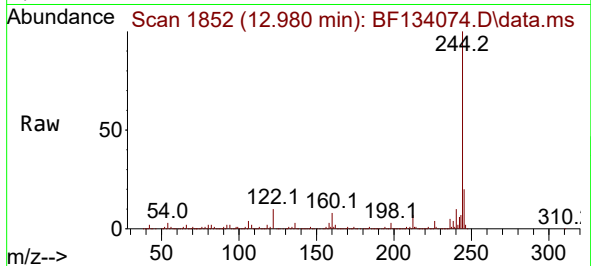




#79
 Terphenyl-d14
 Concen: 83.931 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF134074.D
 Acq: 05 Jul 2023 19:08

Instrument :
 BNA_F
 ClientSampleId :
 PB153909BL

Tgt Ion:244 Resp: 1679109
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 9.8 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. -0.006 min
 Lab File: BF134074.D
 Acq: 05 Jul 2023 19:08

Tgt Ion:264 Resp: 277375
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 22.2 16.6 25.0

