

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062623\
 Data File : BF133981.D
 Acq On : 27 Jun 2023 09:03
 Operator : CG\JU
 Sample : 03336-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-6

Quant Time: Jun 27 09:22:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 23:12:04 2023
 Response via : Initial Calibration

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

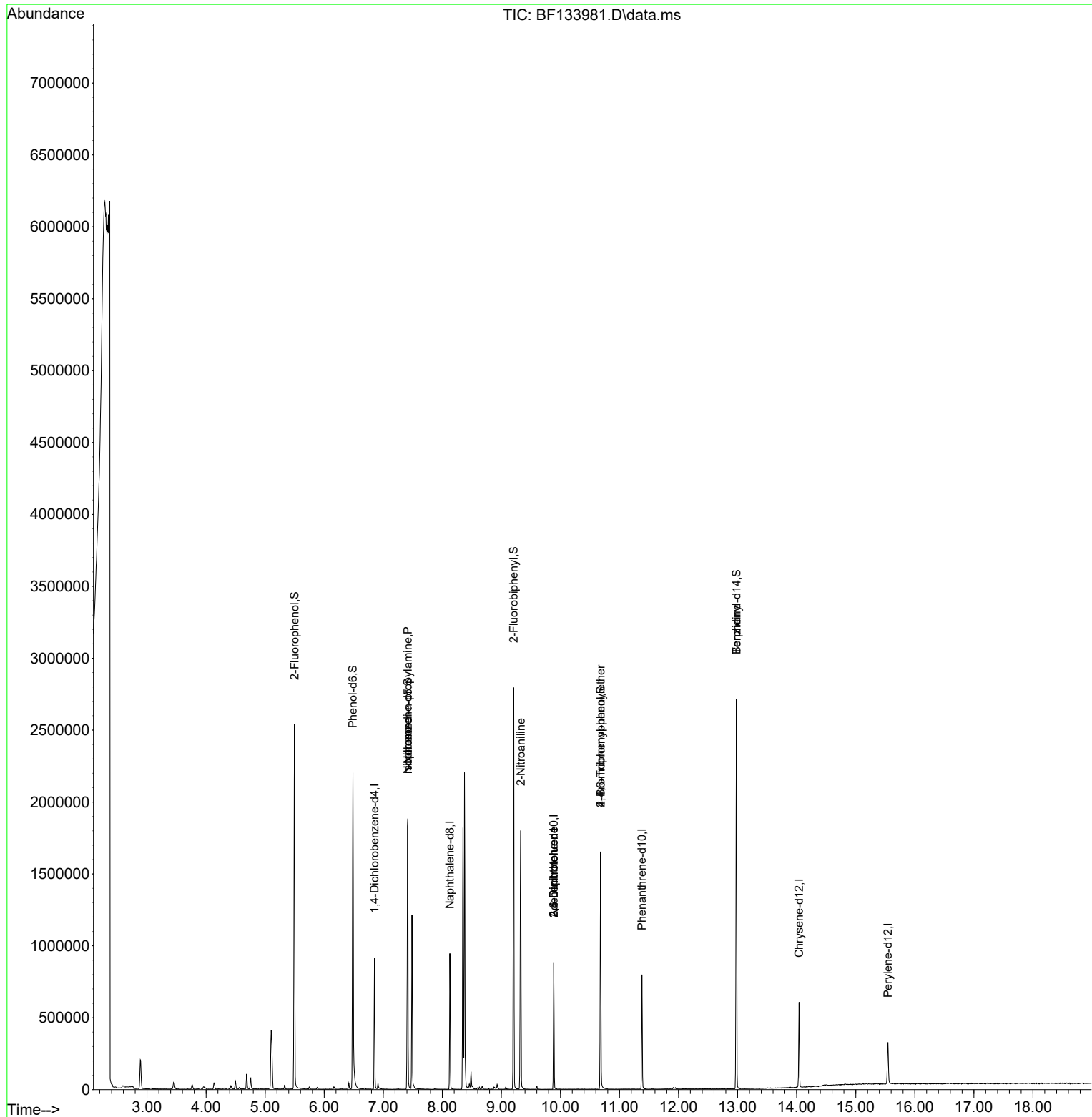
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	122742	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	375235	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	159406	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	279447	20.000	ng	0.00
76) Chrysene-d12	14.039	240	182926	20.000	ng	0.00
86) Perylene-d12	15.545	264	140363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	650346	88.631	ng	0.02
7) Phenol-d6	6.487	99	777993	86.215	ng	0.00
23) Nitrobenzene-d5	7.416	82	594886	85.460	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	194541	97.337	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	865497	78.939	ng	0.00
79) Terphenyl-d14	12.980	244	908065	79.893	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.410	77	143	Below Cal	#	46
19) n-Nitroso-di-n-propyla...	7.416	70	83345	14.564	ng	# 75
25) Isophorone	7.416	82	594879	47.022	ng	# 64
48) 2-Nitroaniline	9.328	65	18358	5.384	ng	# 15
51) 2,6-Dinitrotoluene	9.886	165	19955	8.007	ng	# 23
57) 2,4-Dinitrotoluene	9.886	165	19955	6.063	ng	# 22
67) 4-Bromophenyl-phenylether	10.680	248	11411	3.842	ng	# 1
77) Benzidine	12.980	184	12901	2.964	ng	# 89

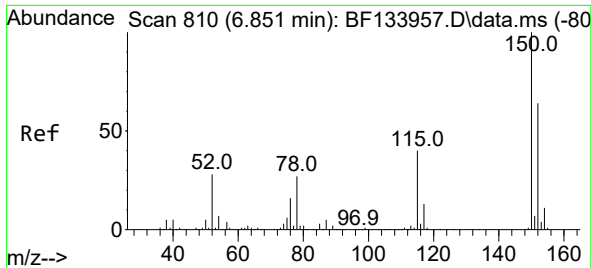
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062623\
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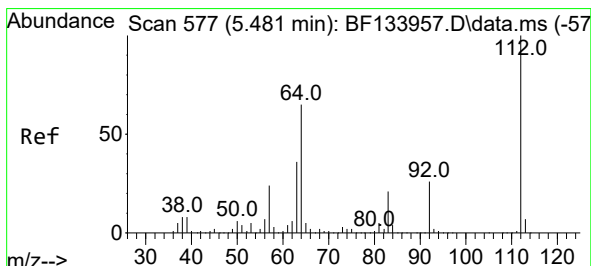
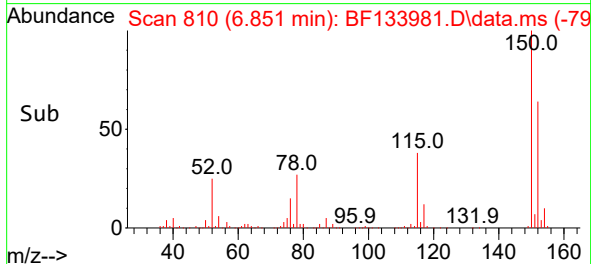
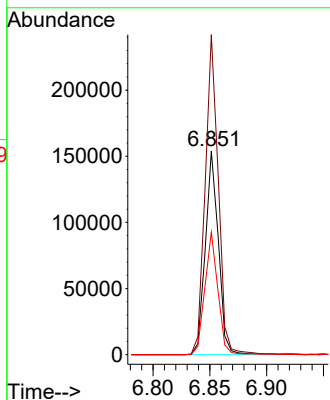
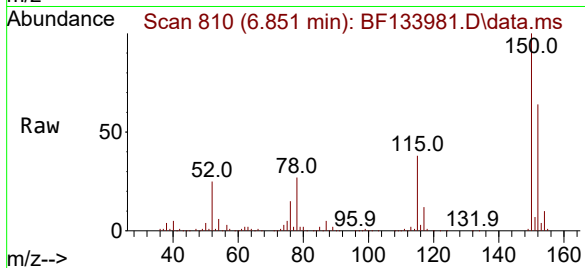




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF133981.D
Acq: 27 Jun 2023 09:03

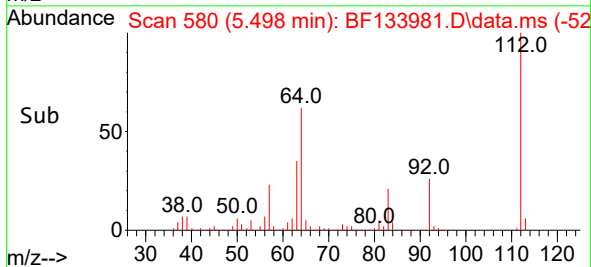
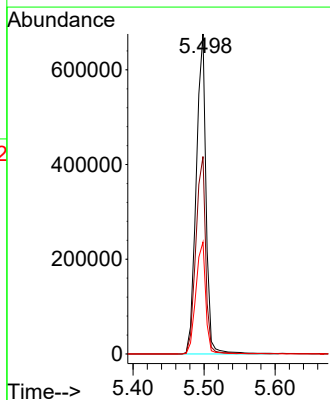
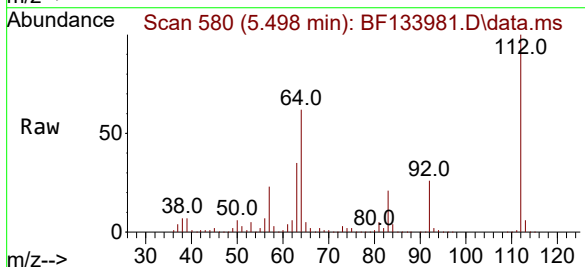
Instrument :
BNA_F
ClientSampleId :
WC-6

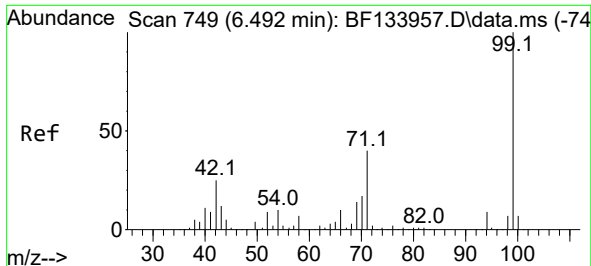
Tgt Ion:152 Resp: 122742
Ion Ratio Lower Upper
152 100
150 157.1 124.5 186.7
115 60.2 50.2 75.2



#5
2-Fluorophenol
Concen: 88.631 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF133981.D
Acq: 27 Jun 2023 09:03

Tgt Ion:112 Resp: 650346
Ion Ratio Lower Upper
112 100
64 61.7 52.1 78.1
63 34.9 28.6 42.8

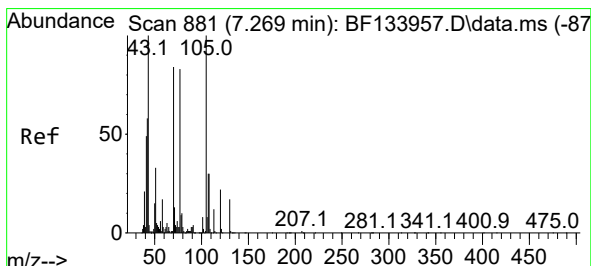
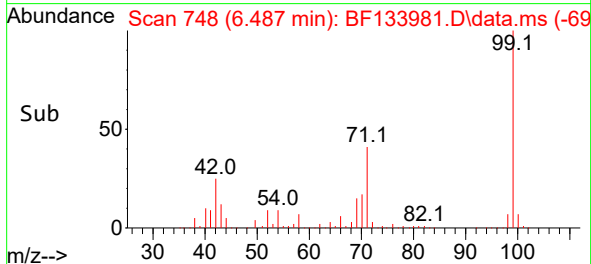
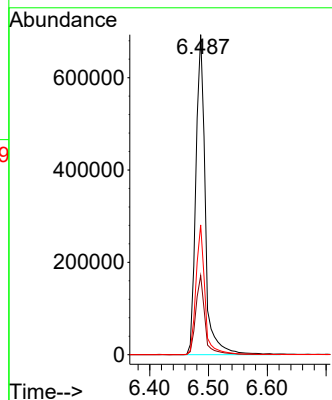
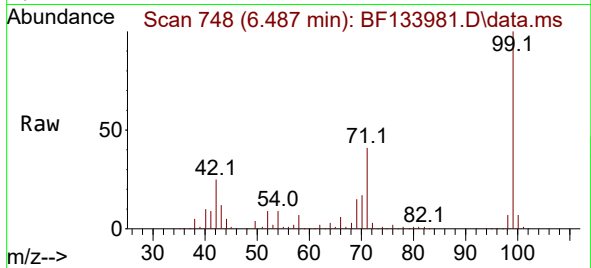




#7
Phenol-d6
Concen: 86.215 ng
RT: 6.487 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133981.D
Acq: 27 Jun 2023 09:03

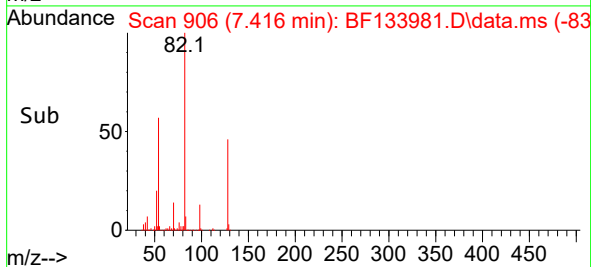
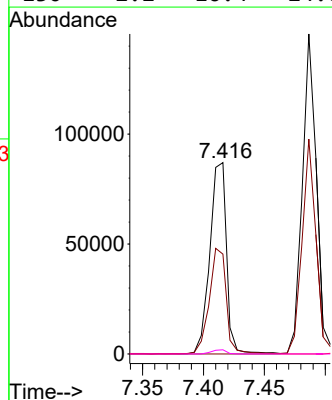
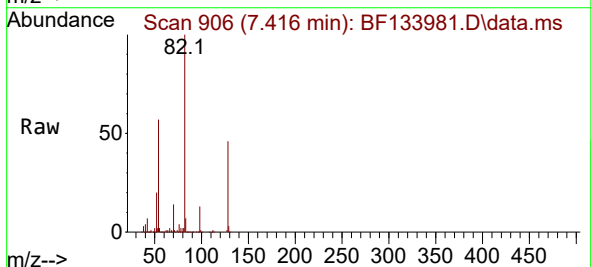
Instrument :
BNA_F
ClientSampleId :
WC-6

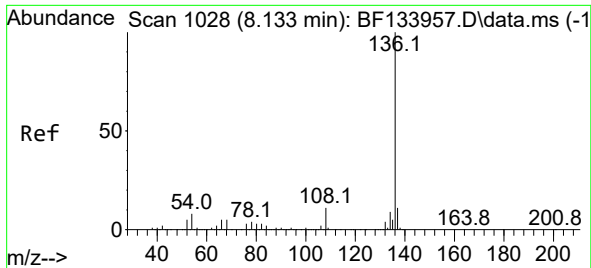
Tgt Ion: 99 Resp: 777993
Ion Ratio Lower Upper
99 100
42 24.7 19.8 29.6
71 40.5 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 14.564 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.147 min
Lab File: BF133981.D
Acq: 27 Jun 2023 09:03

Tgt Ion: 70 Resp: 83345
Ion Ratio Lower Upper
70 100
42 52.2 54.7 82.1#
101 0.0 7.7 11.5#
130 2.2 16.4 24.6#



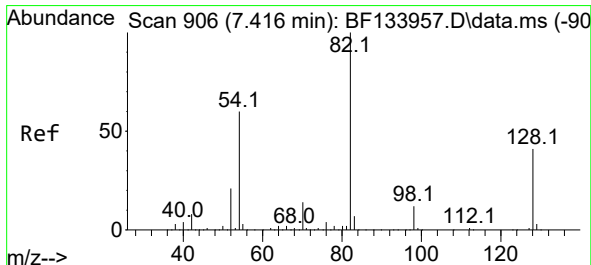
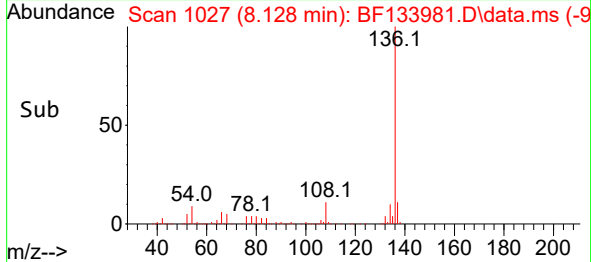
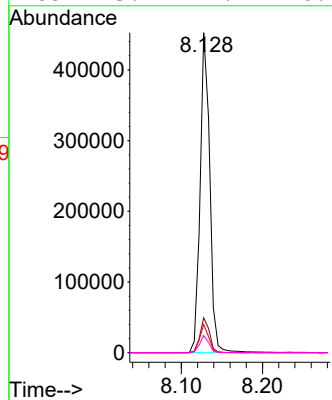
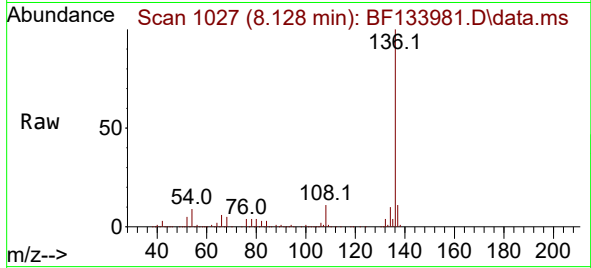


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF133981.D
Acq: 27 Jun 2023 09:03

Instrument :
BNA_F
ClientSampleId :
WC-6

Tgt Ion:136 Resp: 375235

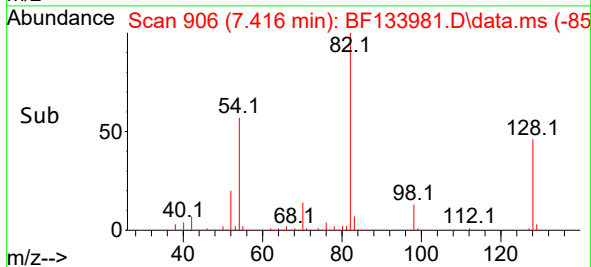
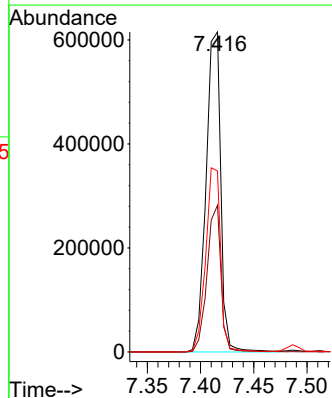
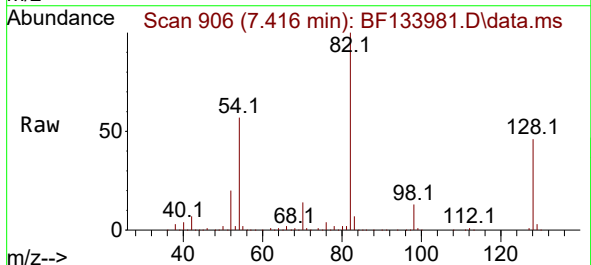
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	8.8	6.5	9.7
68	5.4	4.2	6.2



#23
Nitrobenzene-d5
Concen: 85.460 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF133981.D
Acq: 27 Jun 2023 09:03

Tgt Ion: 82 Resp: 594886

Ion	Ratio	Lower	Upper
82	100		
128	45.9	32.5	48.7
54	56.5	48.2	72.2

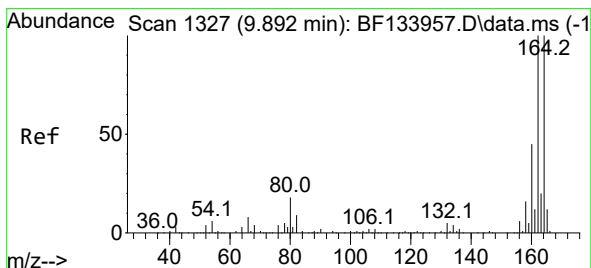
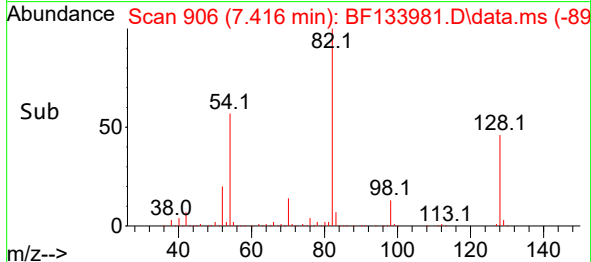
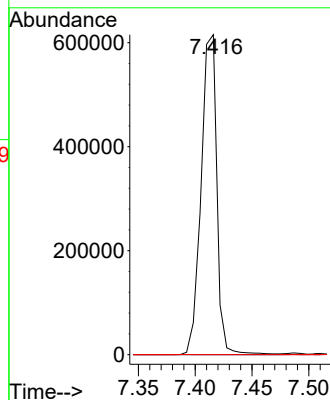
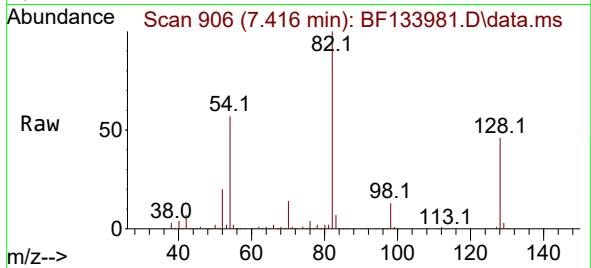




#25
Isophorone
Concen: 47.022 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133981.D
Acq: 27 Jun 2023 09:03

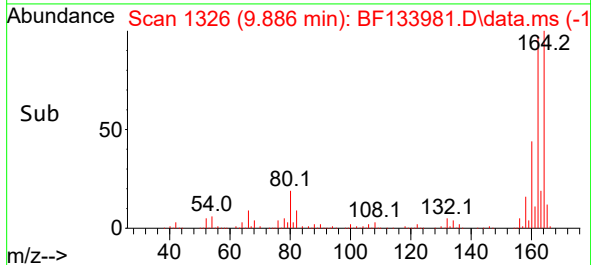
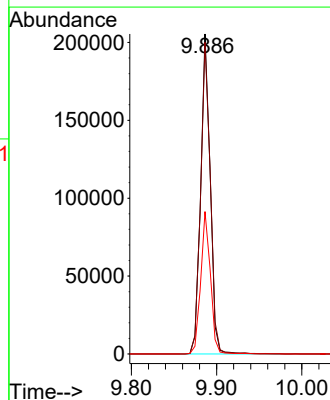
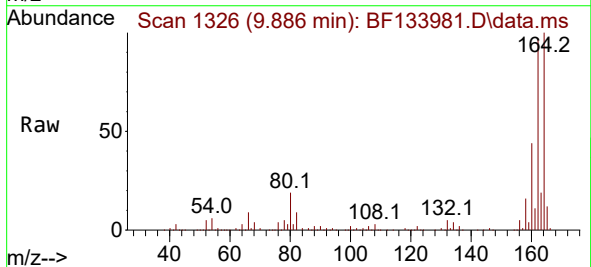
Instrument :
BNA_F
ClientSampleId :
WC-6

Tgt Ion: 82 Resp: 594879
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: BF133981.D
Acq: 27 Jun 2023 09:03

Tgt Ion:164 Resp: 159406
Ion Ratio Lower Upper
164 100
162 97.4 80.0 120.0
160 44.5 35.9 53.9

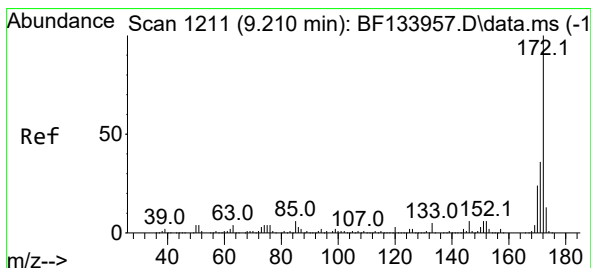
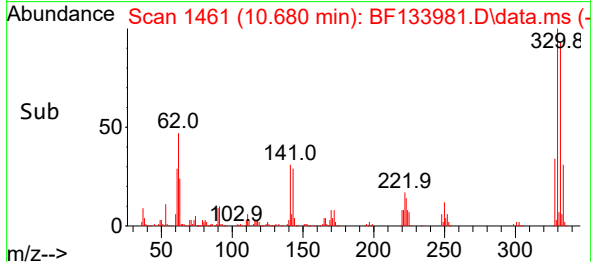
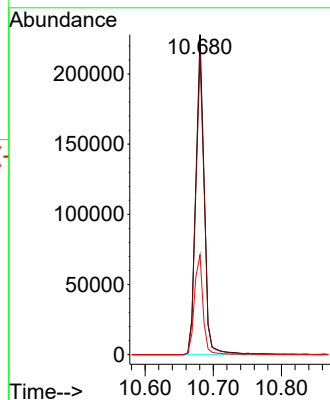
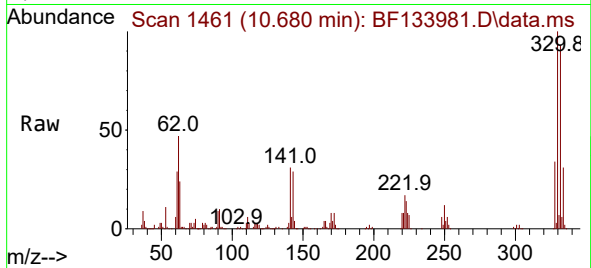




#42
2,4,6-Tribromophenol
Concen: 97.337 ng
RT: 10.680 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF133981.D
Acq: 27 Jun 2023 09:03

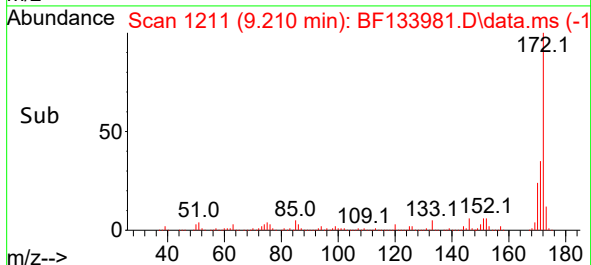
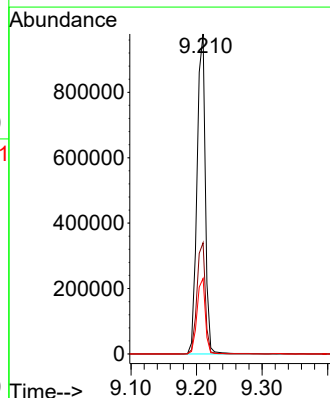
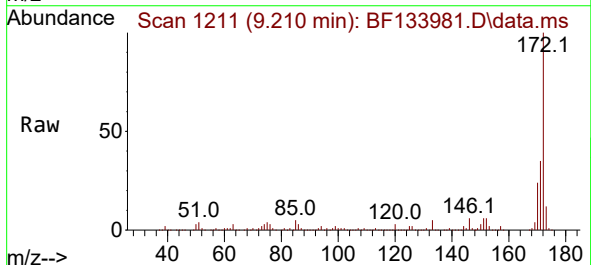
Instrument :
BNA_F
ClientSampleId :
WC-6

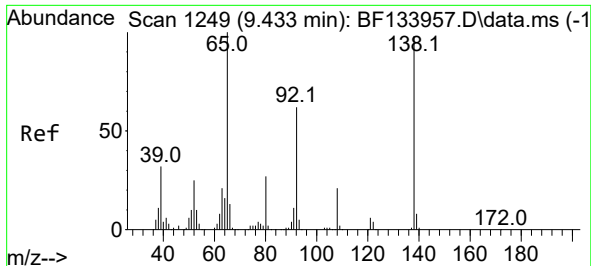
Tgt Ion: 330 Resp: 194541
Ion Ratio Lower Upper
330 100
332 94.6 77.0 115.6
141 32.0 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 78.939 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF133981.D
Acq: 27 Jun 2023 09:03

Tgt Ion: 172 Resp: 865497
Ion Ratio Lower Upper
172 100
171 34.7 28.6 43.0
170 23.6 19.4 29.0

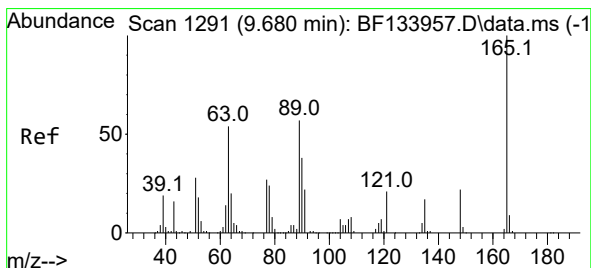
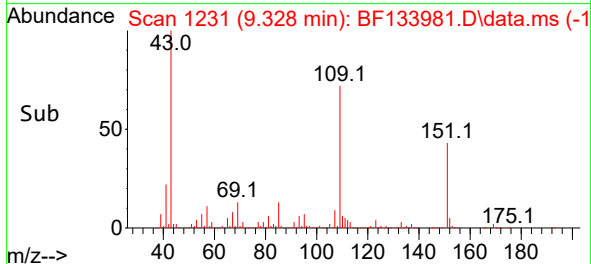
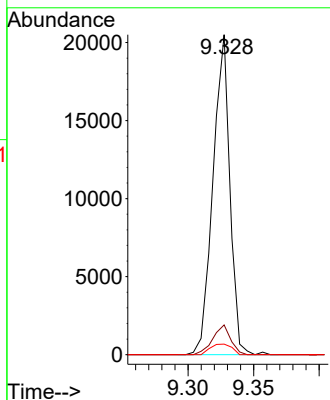
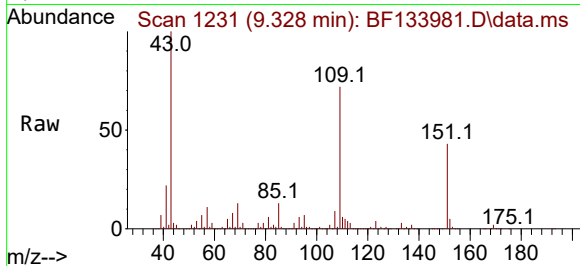




#48
2-Nitroaniline
Concen: 5.384 ng
RT: 9.328 min Scan# 11
Delta R.T. -0.105 min
Lab File: BF133981.D
Acq: 27 Jun 2023 09:03

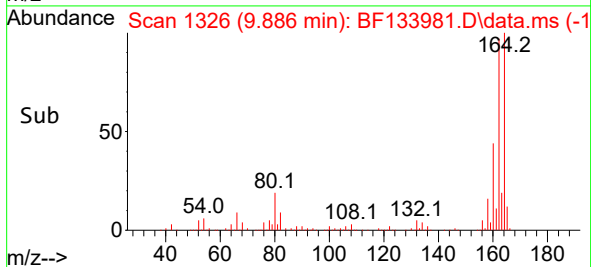
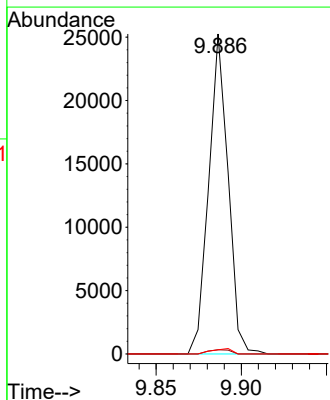
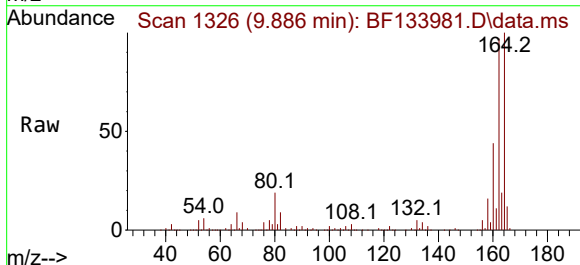
Instrument :
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ClientSampleId :
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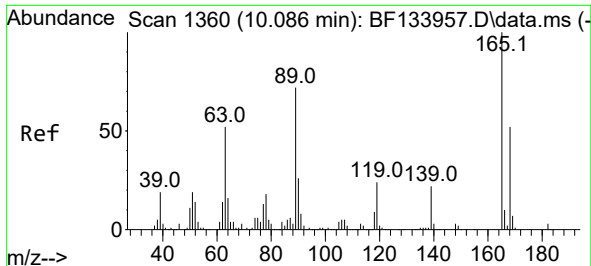
Tgt Ion: 65 Resp: 18358
Ion Ratio Lower Upper
65 100
92 9.3 49.5 74.3#
138 3.3 78.0 117.0#



#51
2,6-Dinitrotoluene
Concen: 8.007 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.206 min
Lab File: BF133981.D
Acq: 27 Jun 2023 09:03

Tgt Ion:165 Resp: 19955
Ion Ratio Lower Upper
165 100
63 1.3 48.5 72.7#
89 1.3 45.5 68.3#

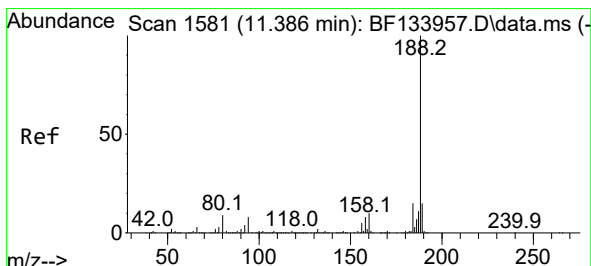
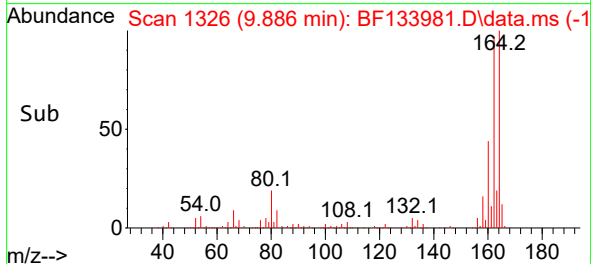
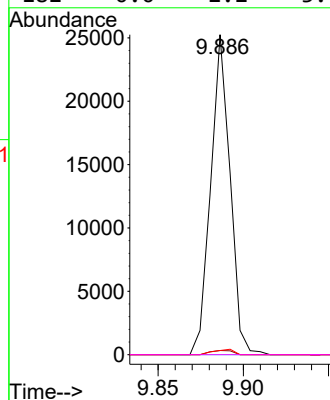
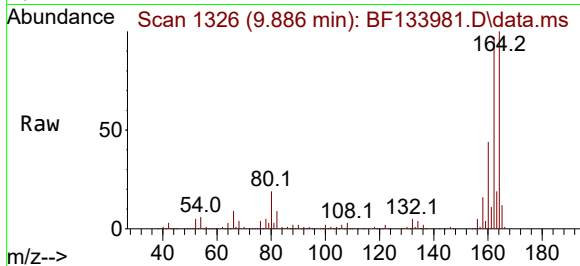




#57
2,4-Dinitrotoluene
Concen: 6.063 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133981.D
Acq: 27 Jun 2023 09:03

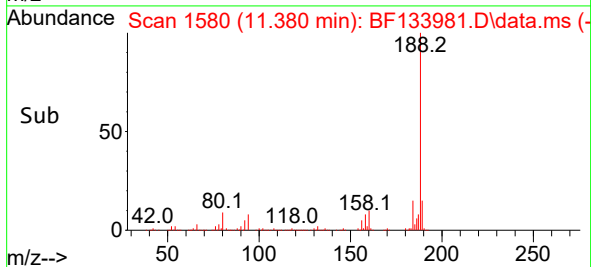
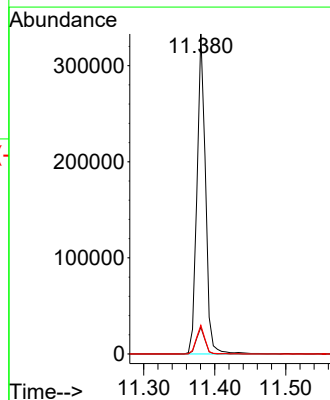
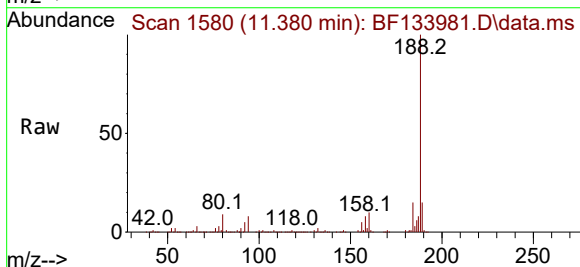
Instrument :
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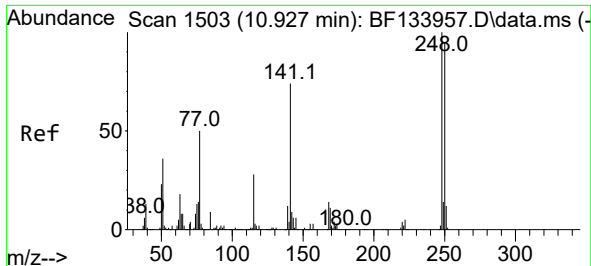
Tgt Ion:165 Resp: 19955
Ion Ratio Lower Upper
165 100
63 1.3 42.2 63.2#
89 1.3 57.4 86.2#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF133981.D
Acq: 27 Jun 2023 09:03

Tgt Ion:188 Resp: 279447
Ion Ratio Lower Upper
188 100
94 8.3 6.4 9.6
80 9.0 7.3 10.9

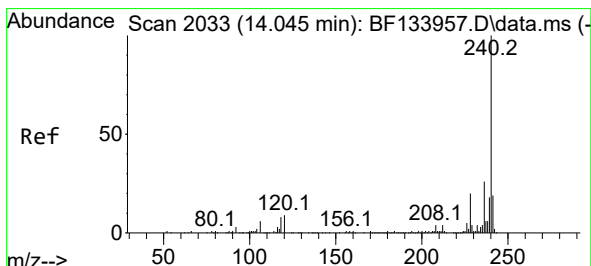
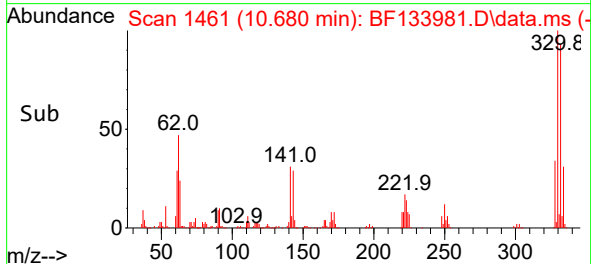
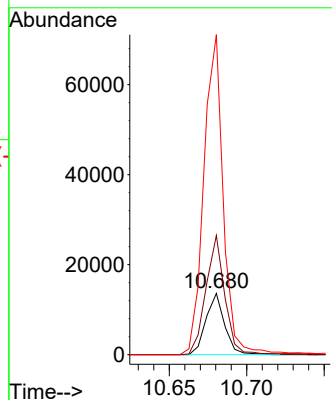
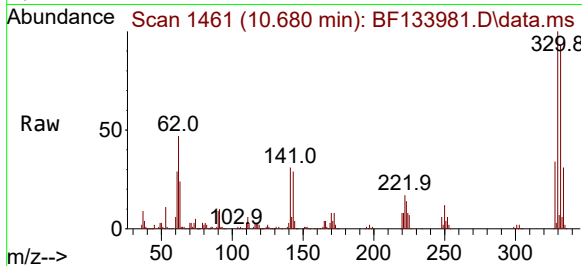




#67
4-Bromophenyl-phenylether
Concen: 3.842 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.247 min
Lab File: BF133981.D
Acq: 27 Jun 2023 09:03

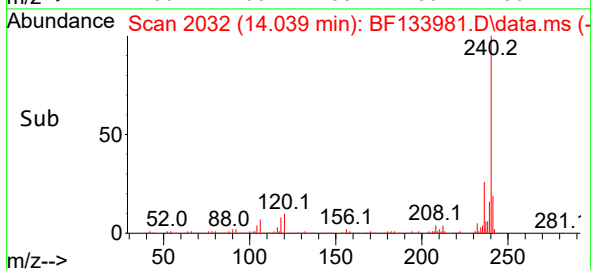
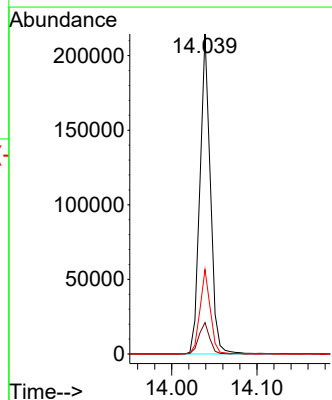
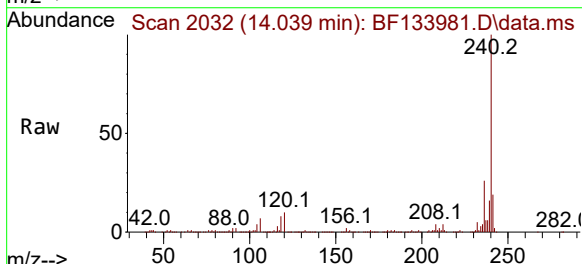
Instrument :
BNA_F
ClientSampleId :
WC-6

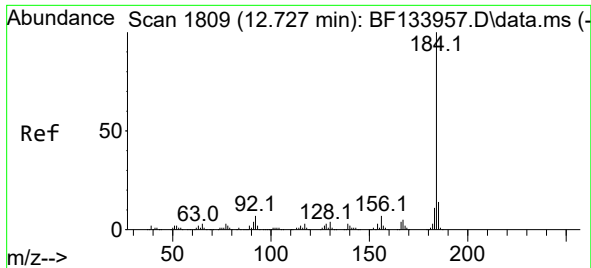
Tgt Ion:248 Resp: 11411
Ion Ratio Lower Upper
248 100
250 194.2 76.2 114.4#
141 521.6 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF133981.D
Acq: 27 Jun 2023 09:03

Tgt Ion:240 Resp: 182926
Ion Ratio Lower Upper
240 100
120 9.8 7.4 11.0
236 26.4 21.0 31.6

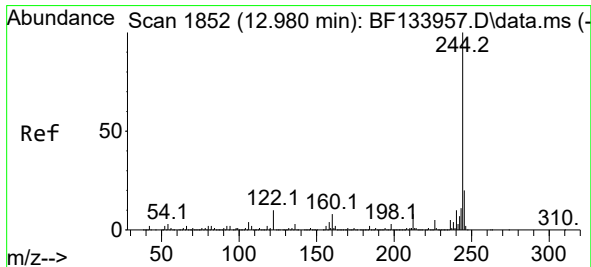
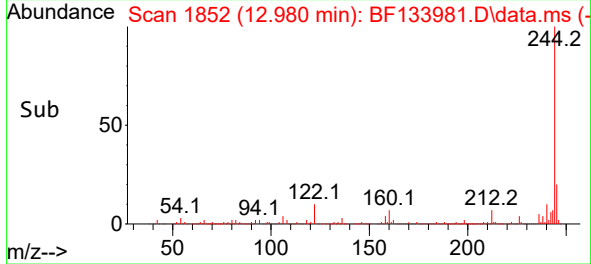
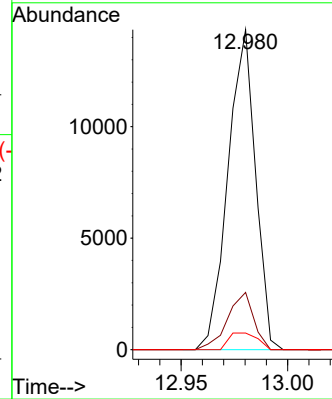
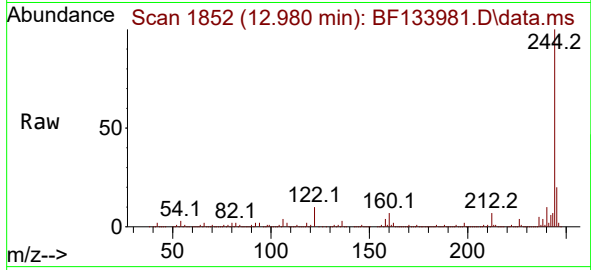




#77
Benzidine
Concen: 2.964 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.253 min
Lab File: BF133981.D
Acq: 27 Jun 2023 09:03

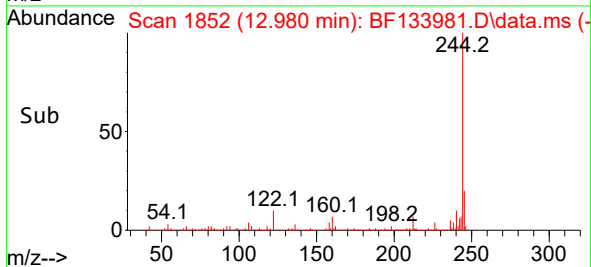
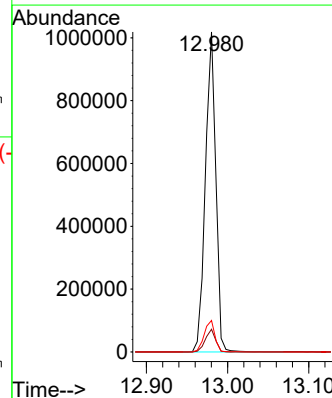
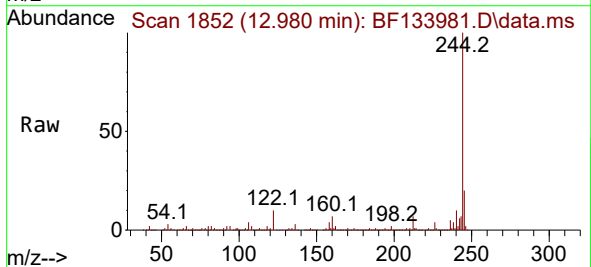
Instrument :
BNA_F
ClientSampleId :
WC-6

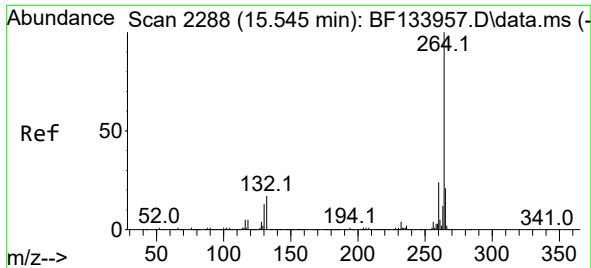
Tgt Ion:184 Resp: 12901
Ion Ratio Lower Upper
184 100
185 17.9 11.6 17.4#
183 5.2 8.8 13.2#



#79
Terphenyl-d14
Concen: 79.893 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF133981.D
Acq: 27 Jun 2023 09:03

Tgt Ion:244 Resp: 908065
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 9.9 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF133981.D
Acq: 27 Jun 2023 09:03

Instrument :
BNA_F
ClientSampleId :
WC-6

Tgt Ion:264 Resp: 140363
Ion Ratio Lower Upper
264 100
260 23.0 19.5 29.3
265 22.0 16.6 25.0

