

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062623\
 Data File : BF133978.D
 Acq On : 27 Jun 2023 07:25
 Operator : CG\JU
 Sample : 03336-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3

Quant Time: Jun 27 07:48:14 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)

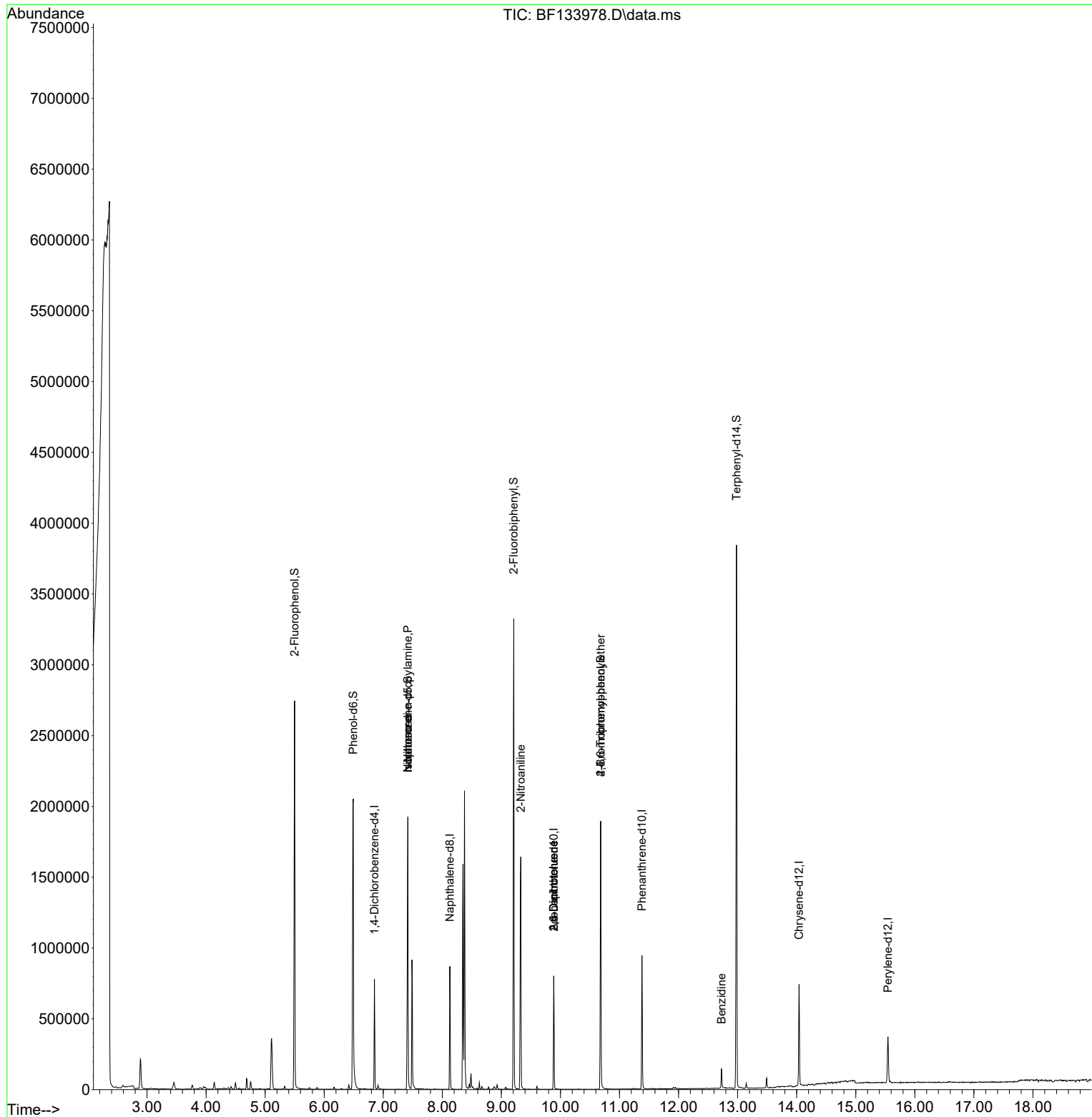
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	98805	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	337370	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	143959	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	334002	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	234963	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	154668	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	683640	115.740	ng	0.02
7) Phenol-d6	6.492	99	759286	104.527	ng	0.00
23) Nitrobenzene-d5	7.416	82	564923	90.264	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	217090	120.274	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	927551	93.677	ng	0.00
79) Terphenyl-d14	12.980	244	1384617	94.842	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.487	77	1351	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	79116	17.174	ng	# 80
25) Isophorone	7.416	82	564911	49.665	ng	# 64
48) 2-Nitroaniline	9.328	65	16359	5.313	ng	# 16
51) 2,6-Dinitrotoluene	9.886	165	18318	8.139	ng	# 23
57) 2,4-Dinitrotoluene	9.886	165	18318	6.163	ng	# 22
67) 4-Bromophenyl-phenylether	10.680	248	12551	3.535	ng	# 1
77) Benzidine	12.727	184	54652	9.775	ng	97

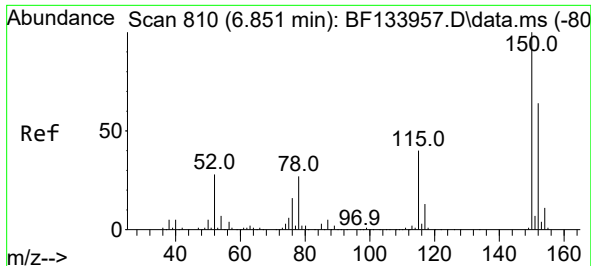
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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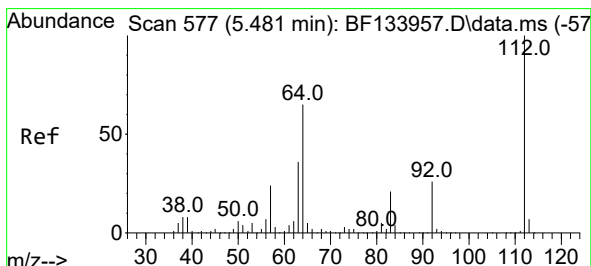
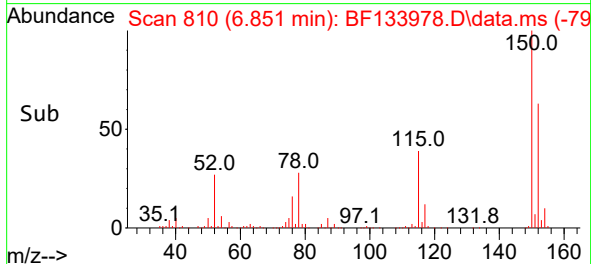
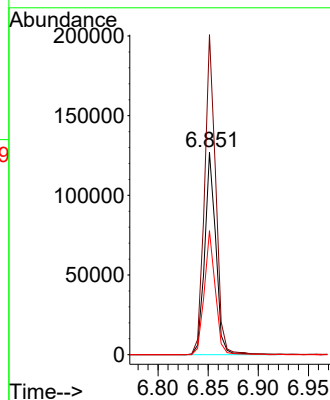
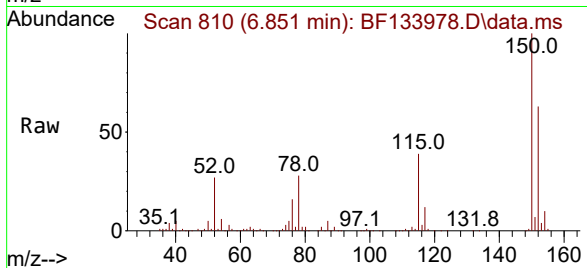




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF133978.D
Acq: 27 Jun 2023 07:25

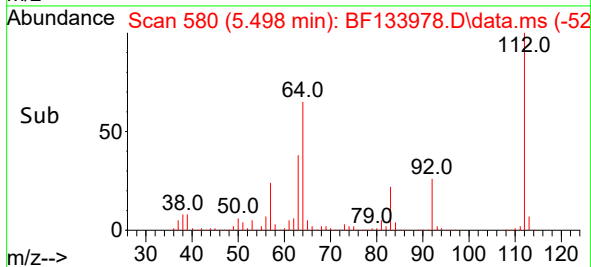
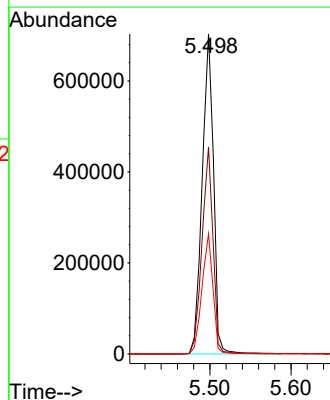
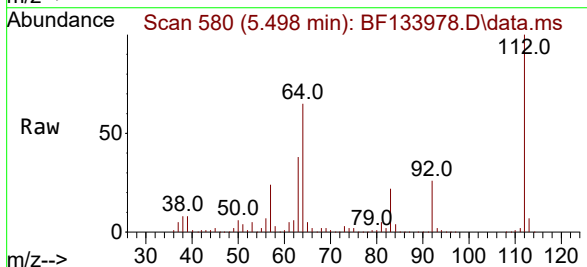
Instrument :
BNA_F
ClientSampleId :
WC-3

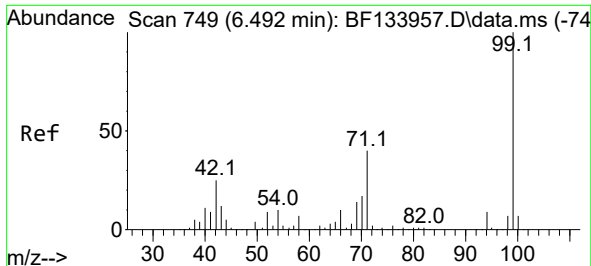
Tgt Ion:152 Resp: 98805
Ion Ratio Lower Upper
152 100
150 158.2 124.5 186.7
115 61.3 50.2 75.2



#5
2-Fluorophenol
Concen: 115.740 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF133978.D
Acq: 27 Jun 2023 07:25

Tgt Ion:112 Resp: 683640
Ion Ratio Lower Upper
112 100
64 64.7 52.1 78.1
63 37.6 28.6 42.8

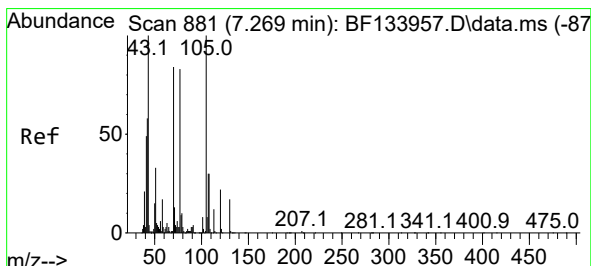
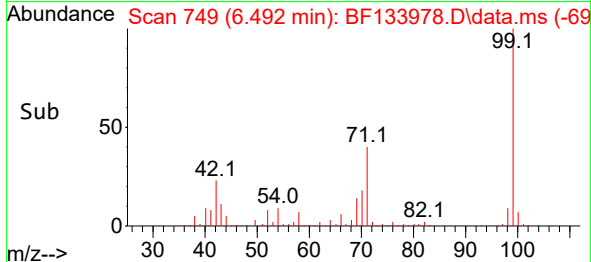
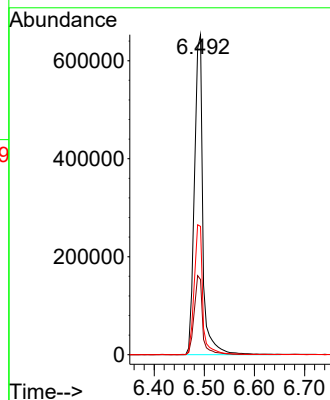
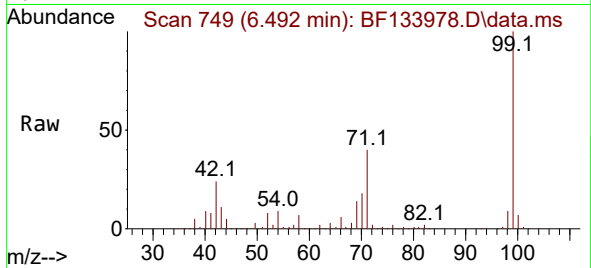




#7
Phenol-d6
Concen: 104.527 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF133978.D
Acq: 27 Jun 2023 07:25

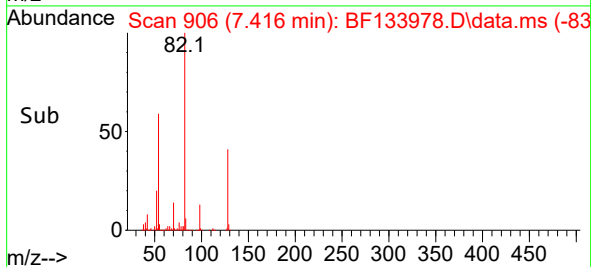
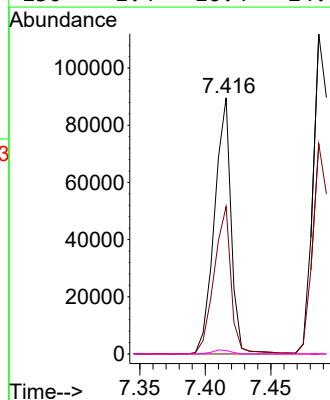
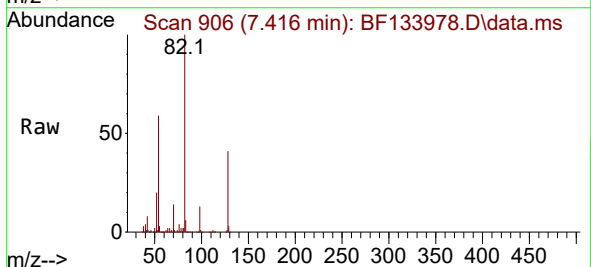
Instrument :
BNA_F
ClientSampleId :
WC-3

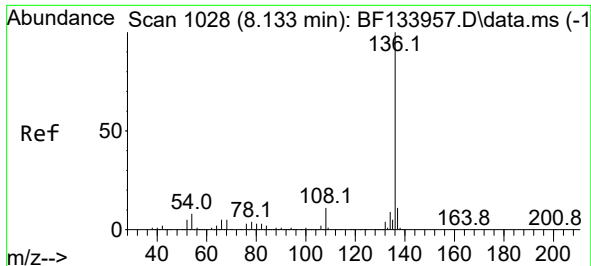
Tgt Ion: 99 Resp: 759286
Ion Ratio Lower Upper
99 100
42 23.5 19.8 29.6
71 40.1 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 17.174 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.147 min
Lab File: BF133978.D
Acq: 27 Jun 2023 07:25

Tgt Ion: 70 Resp: 79116
Ion Ratio Lower Upper
70 100
42 57.5 54.7 82.1
101 0.0 7.7 11.5#
130 1.4 16.4 24.6#



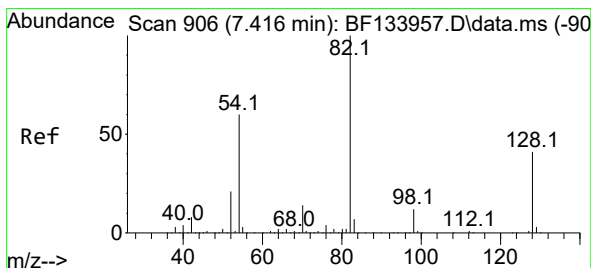
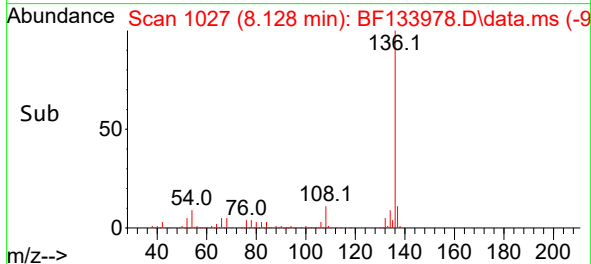
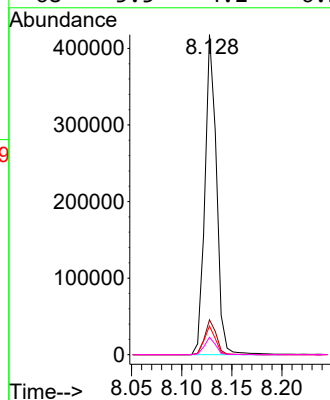
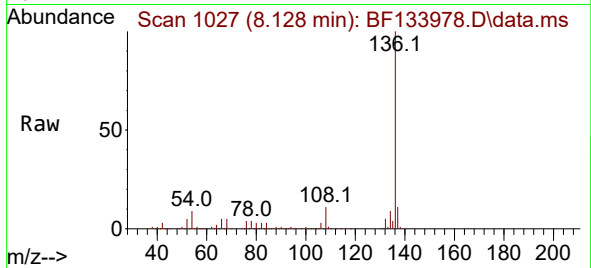


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF133978.D
Acq: 27 Jun 2023 07:25

Instrument :
BNA_F
ClientSampleId :
WC-3

Tgt Ion:136 Resp: 337370

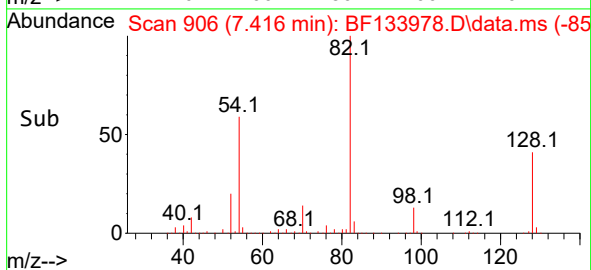
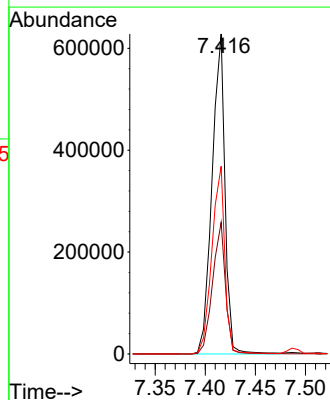
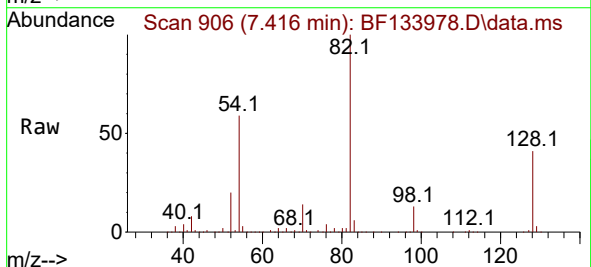
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.0	6.5	9.7
68	5.5	4.2	6.2



#23
Nitrobenzene-d5
Concen: 90.264 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF133978.D
Acq: 27 Jun 2023 07:25

Tgt Ion: 82 Resp: 564923

Ion	Ratio	Lower	Upper
82	100		
128	41.2	32.5	48.7
54	58.6	48.2	72.2

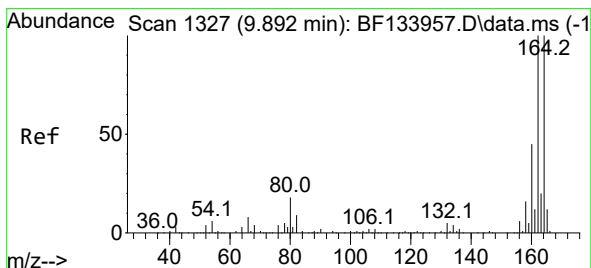
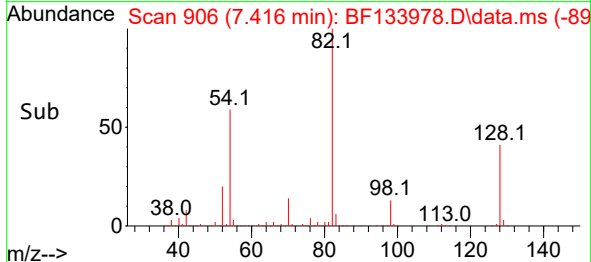
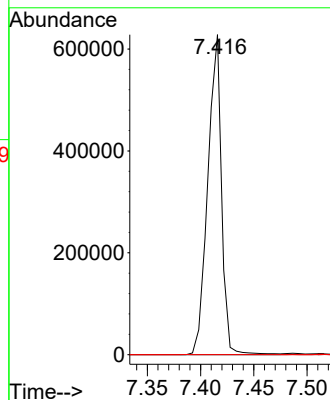
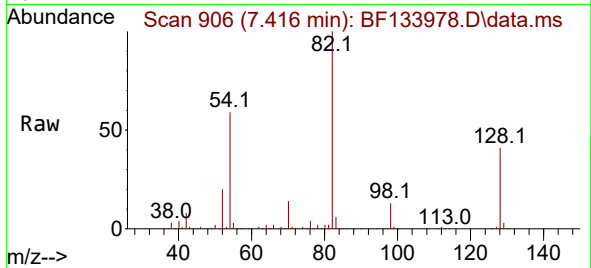




#25
Isophorone
Concen: 49.665 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133978.D
Acq: 27 Jun 2023 07:25

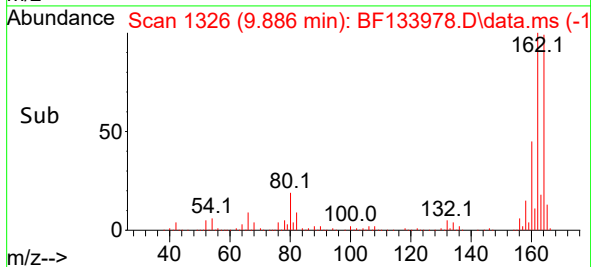
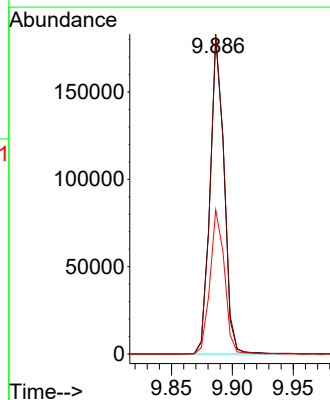
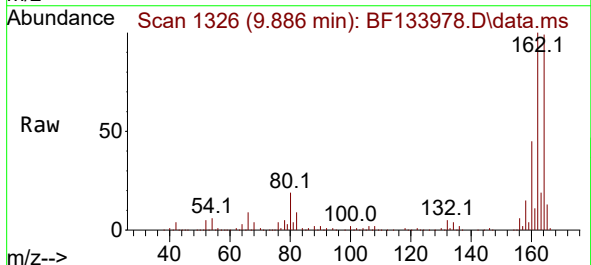
Instrument :
BNA_F
ClientSampleId :
WC-3

Tgt Ion: 82 Resp: 564911
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: BF133978.D
Acq: 27 Jun 2023 07:25

Tgt Ion:164 Resp: 143959
Ion Ratio Lower Upper
164 100
162 101.1 80.0 120.0
160 45.5 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 120.274 ng

RT: 10.680 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF133978.D

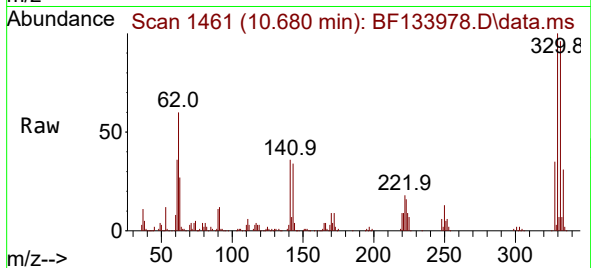
Acq: 27 Jun 2023 07:25

Instrument :

BNA_F

ClientSampleId :

WC-3



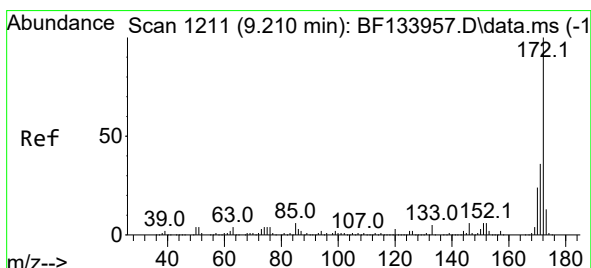
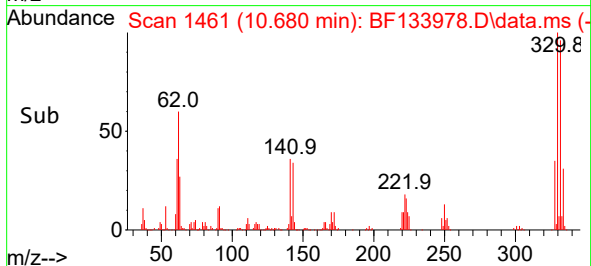
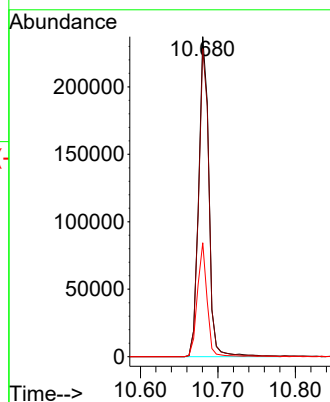
Tgt Ion:330 Resp: 217090

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

141 33.6 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 93.677 ng

RT: 9.210 min Scan# 1211

Delta R.T. 0.000 min

Lab File: BF133978.D

Acq: 27 Jun 2023 07:25

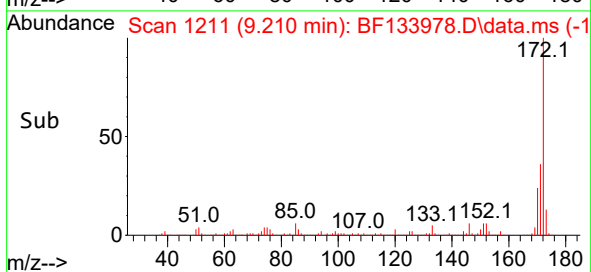
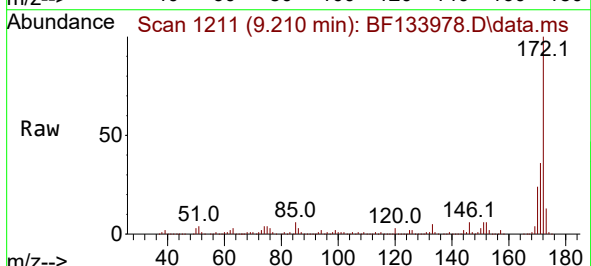
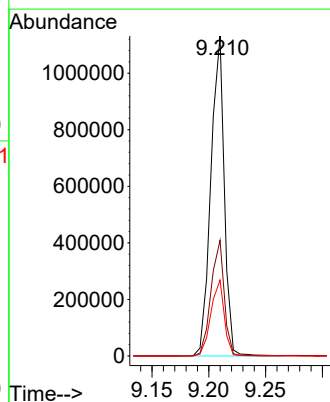
Tgt Ion:172 Resp: 927551

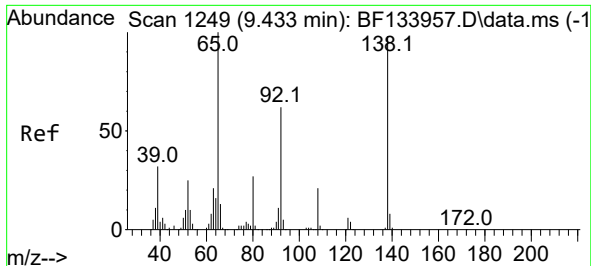
Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

170 23.7 19.4 29.0





#48

2-Nitroaniline

Concen: 5.313 ng

RT: 9.328 min Scan# 1

Delta R.T. -0.105 min

Lab File: BF133978.D

Acq: 27 Jun 2023 07:25

Instrument :

BNA_F

ClientSampleId :

WC-3

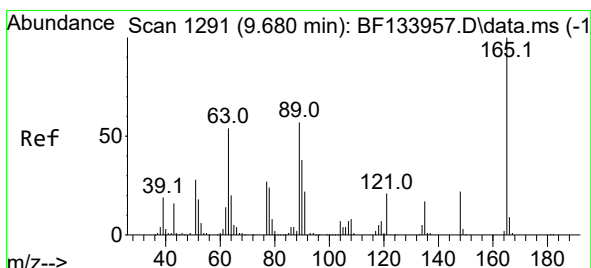
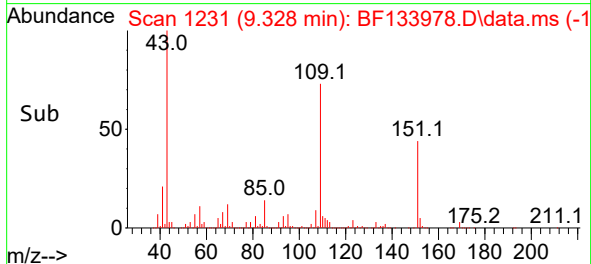
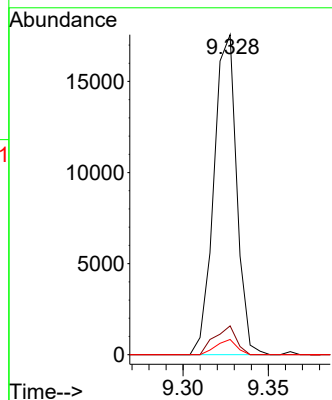
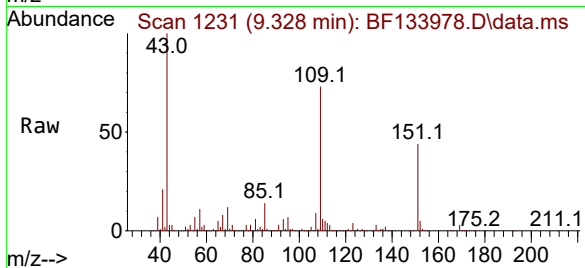
Tgt Ion: 65 Resp: 16359

Ion Ratio Lower Upper

65 100

92 9.0 49.5 74.3#

138 4.7 78.0 117.0#



#51

2,6-Dinitrotoluene

Concen: 8.139 ng

RT: 9.886 min Scan# 1326

Delta R.T. 0.206 min

Lab File: BF133978.D

Acq: 27 Jun 2023 07:25

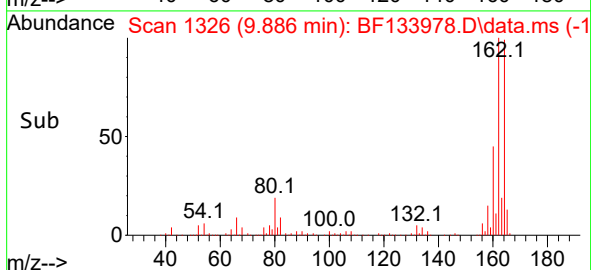
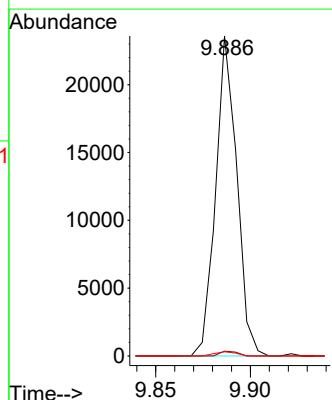
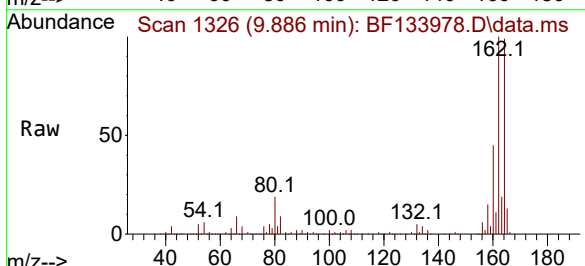
Tgt Ion:165 Resp: 18318

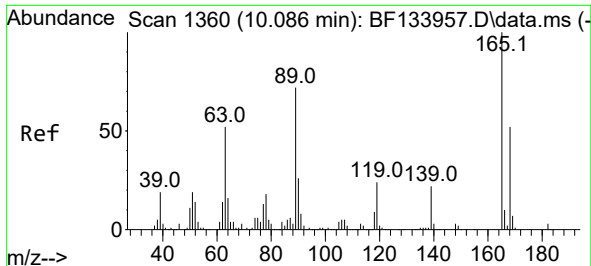
Ion Ratio Lower Upper

165 100

63 1.5 48.5 72.7#

89 1.3 45.5 68.3#

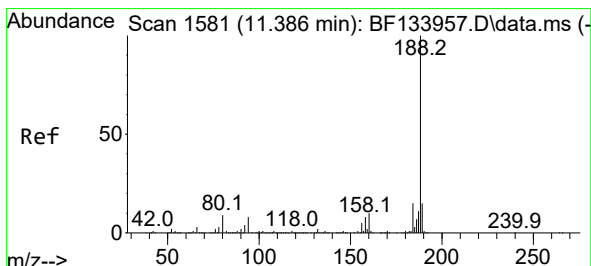
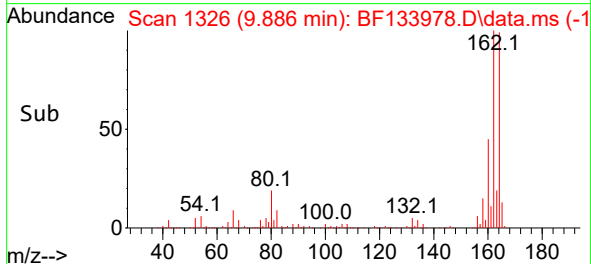
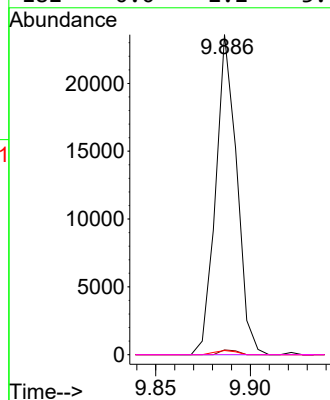
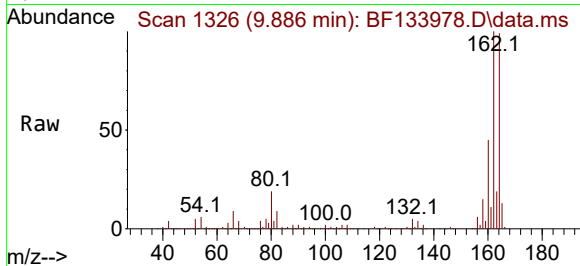




#57
2,4-Dinitrotoluene
Concen: 6.163 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133978.D
Acq: 27 Jun 2023 07:25

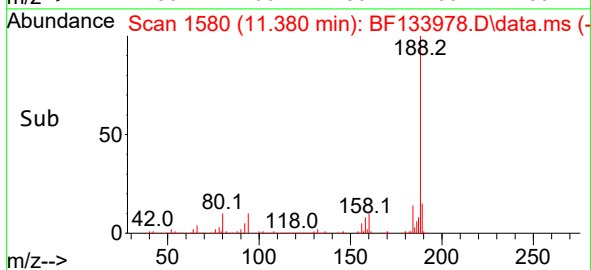
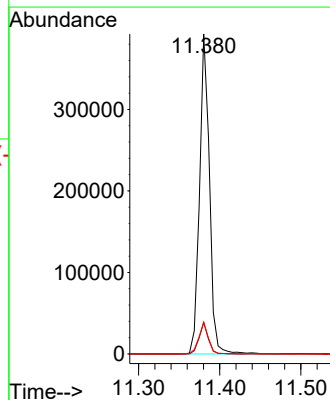
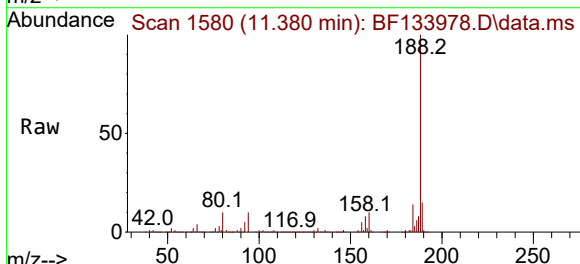
Instrument :
BNA_F
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WC-3

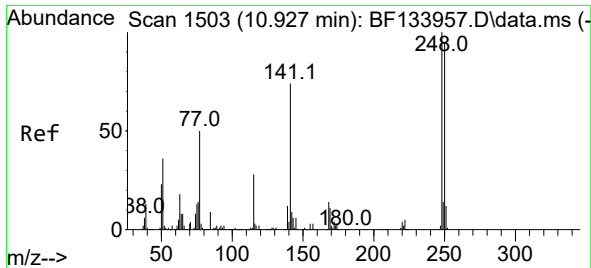
Tgt Ion:	165	Resp:	18318
Ion Ratio	Lower	Upper	
165	100		
63	1.5	42.2	63.2#
89	1.3	57.4	86.2#
182	0.0	2.2	3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF133978.D
Acq: 27 Jun 2023 07:25

Tgt Ion:	188	Resp:	334002
Ion Ratio	Lower	Upper	
188	100		
94	9.8	6.4	9.6#
80	9.9	7.3	10.9

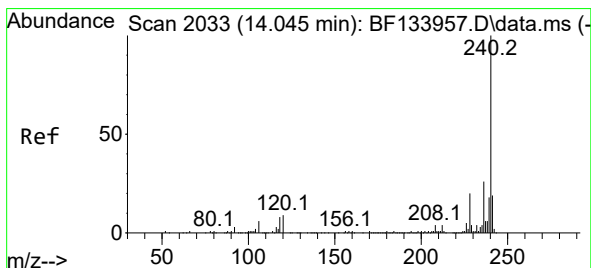
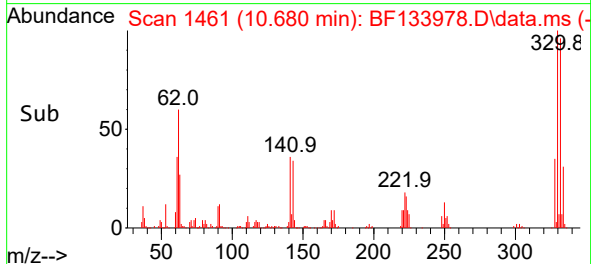
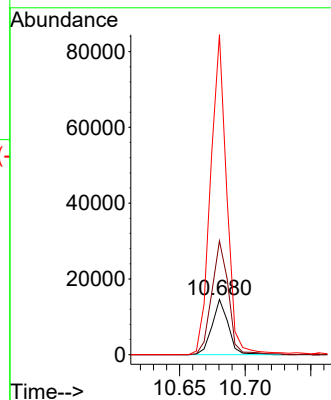
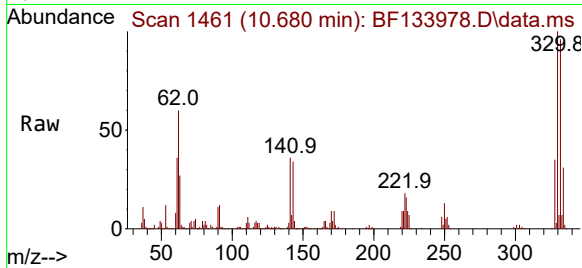




#67
4-Bromophenyl-phenylether
Concen: 3.535 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.247 min
Lab File: BF133978.D
Acq: 27 Jun 2023 07:25

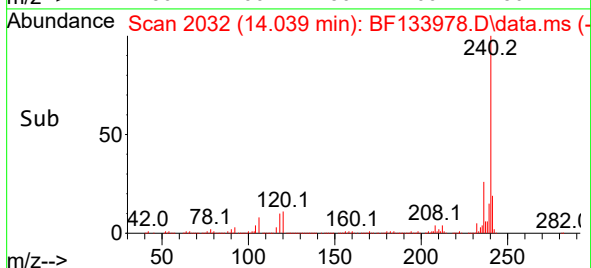
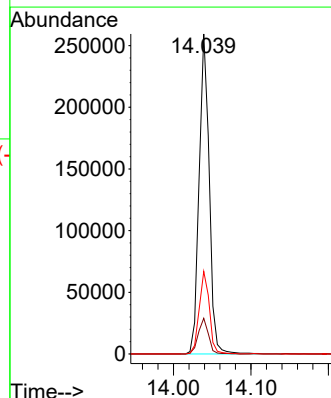
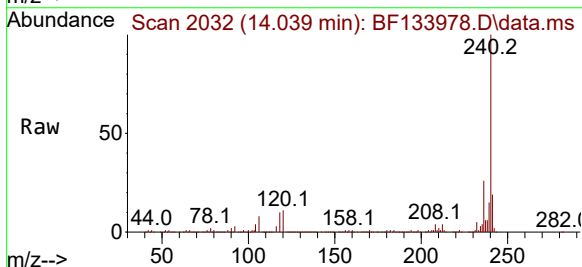
Instrument :
BNA_F
ClientSampleId :
WC-3

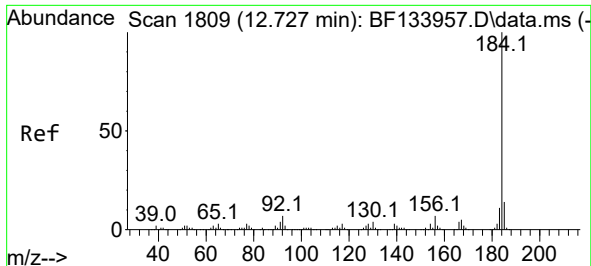
Tgt Ion:248 Resp: 12551
Ion Ratio Lower Upper
248 100
250 205.9 76.2 114.4#
141 579.3 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF133978.D
Acq: 27 Jun 2023 07:25

Tgt Ion:240 Resp: 234963
Ion Ratio Lower Upper
240 100
120 11.2 7.4 11.0#
236 25.8 21.0 31.6

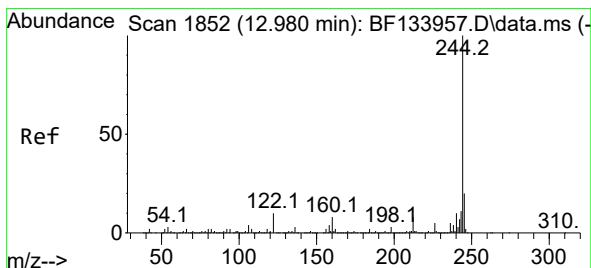
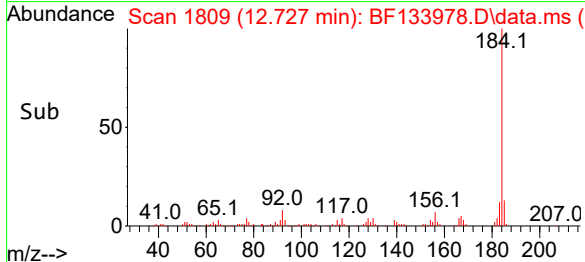
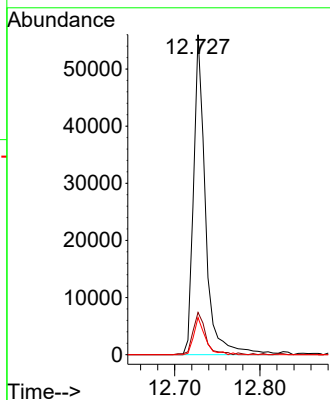
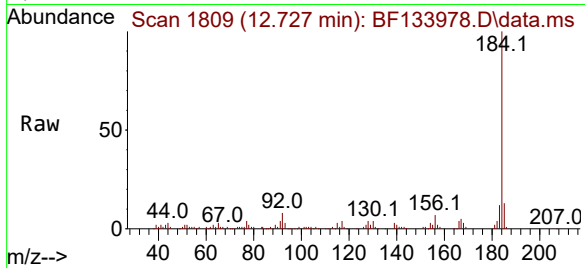




#77
Benzidine
Concen: 9.775 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF133978.D
Acq: 27 Jun 2023 07:25

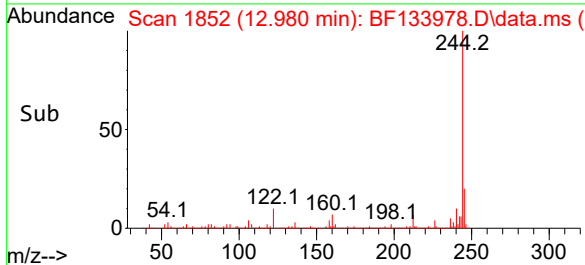
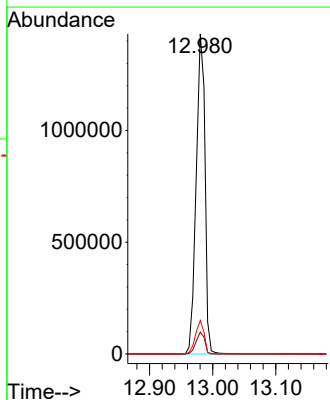
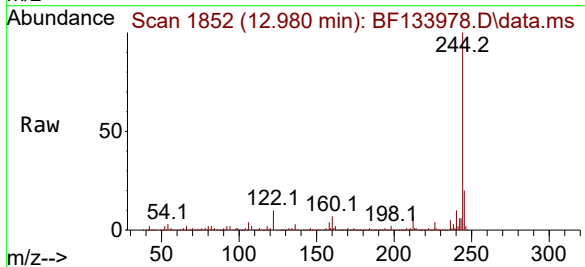
Instrument :
BNA_F
ClientSampleId :
WC-3

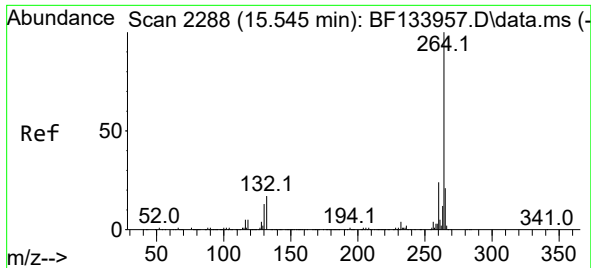
Tgt Ion:184 Resp: 54652
Ion Ratio Lower Upper
184 100
185 13.2 11.6 17.4
183 11.6 8.8 13.2



#79
Terphenyl-d14
Concen: 94.842 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF133978.D
Acq: 27 Jun 2023 07:25

Tgt Ion:244 Resp: 1384617
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 10.5 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: BF133978.D
 Acq: 27 Jun 2023 07:25

Instrument :
 BNA_F
 ClientSampleId :
 WC-3

Tgt Ion:264 Resp: 154668
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 20.9 16.6 25.0

