

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062623\
 Data File : BF133977.D
 Acq On : 27 Jun 2023 06:53
 Operator : CG\JU
 Sample : 03336-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Quant Time: Jun 27 07:48:02 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)

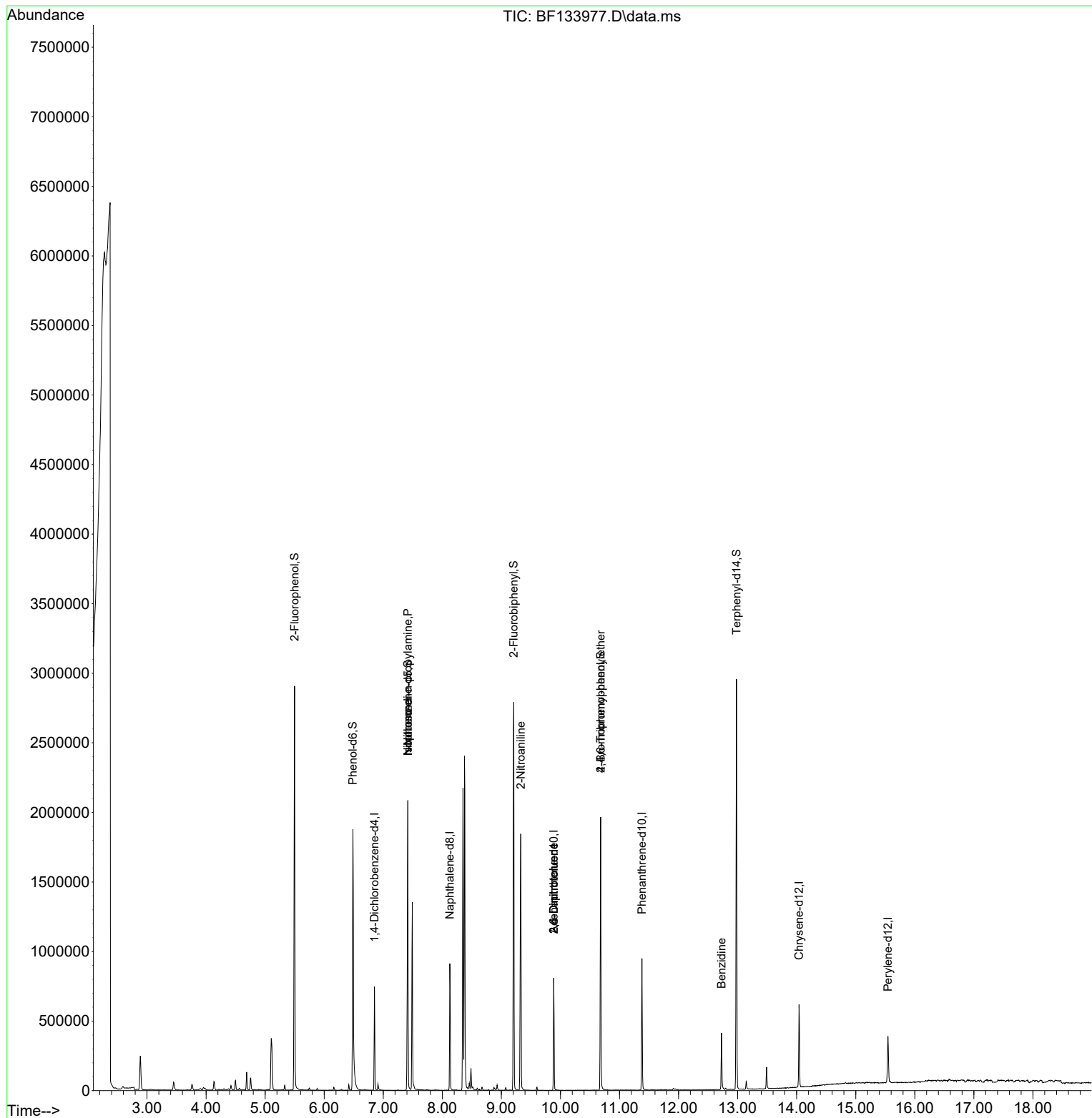
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	99291	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	377743	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	144079	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	318920	20.000	ng	0.00
76) Chrysene-d12	14.039	240	194403	20.000	ng	0.00
86) Perylene-d12	15.545	264	156828	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	736214	124.031	ng	0.02
7) Phenol-d6	6.487	99	667868	91.492	ng	0.00
23) Nitrobenzene-d5	7.416	82	598830	85.455	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	222621	123.236	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	845276	85.296	ng	0.00
79) Terphenyl-d14	12.980	244	1004672	83.175	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.416	77	66	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	85622	18.496	ng	# 76
25) Isophorone	7.416	82	598823	47.019	ng	# 64
48) 2-Nitroaniline	9.328	65	19624	6.368	ng	# 15
51) 2,6-Dinitrotoluene	9.886	165	17923	7.956	ng	# 23
57) 2,4-Dinitrotoluene	9.886	165	17923	6.025	ng	# 22
67) 4-Bromophenyl-phenylether	10.680	248	14295	4.217	ng	# 1
77) Benzidine	12.727	184	146559	31.684	ng	99

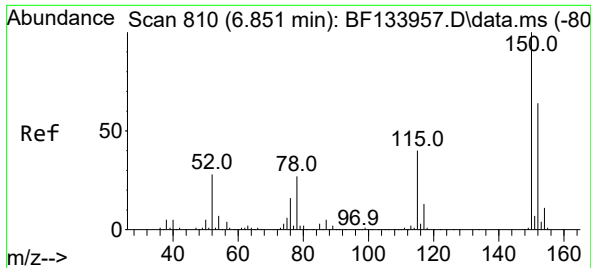
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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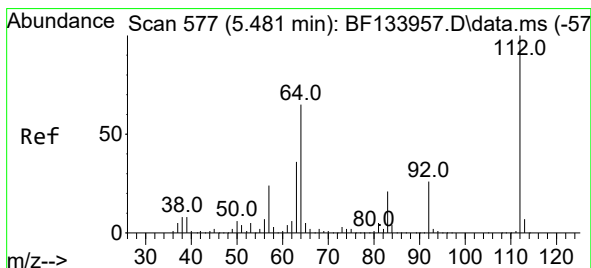
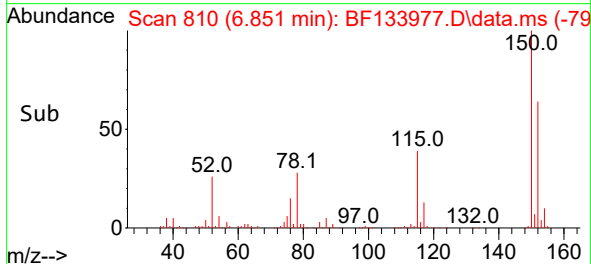
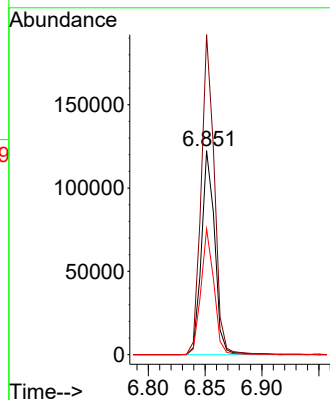
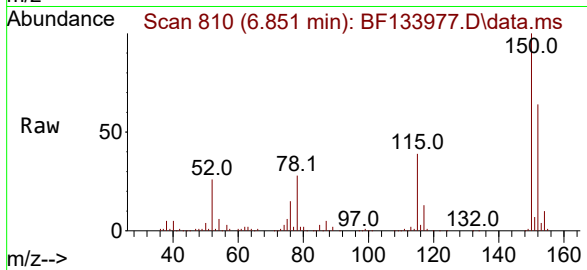




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 810
 Delta R.T. 0.000 min
 Lab File: BF133977.D
 Acq: 27 Jun 2023 06:53

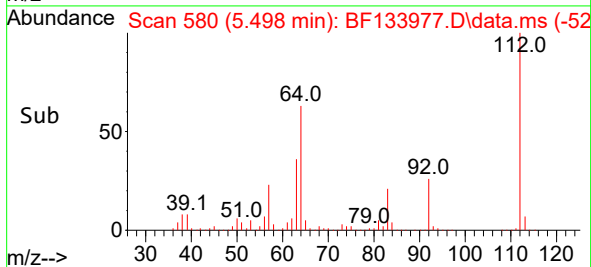
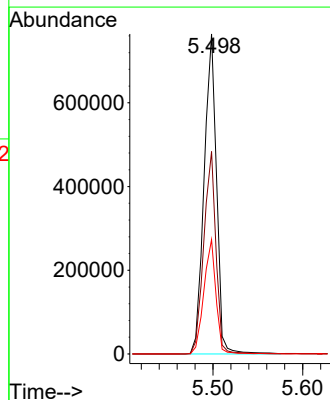
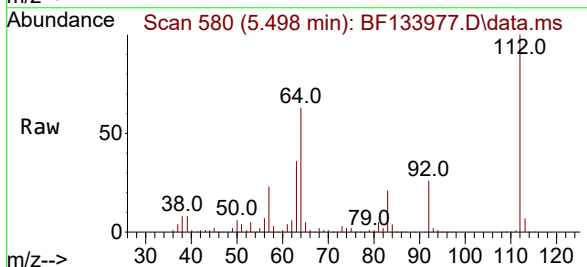
Instrument :
 BNA_F
 ClientSampleId :
 WC-2

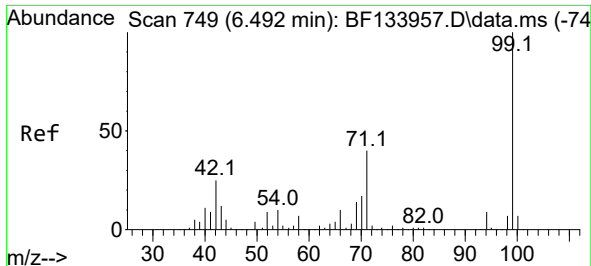
Tgt Ion:152 Resp: 99291
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.5 186.7
 115 61.6 50.2 75.2



#5
 2-Fluorophenol
 Concen: 124.031 ng
 RT: 5.498 min Scan# 580
 Delta R.T. 0.018 min
 Lab File: BF133977.D
 Acq: 27 Jun 2023 06:53

Tgt Ion:112 Resp: 736214
 Ion Ratio Lower Upper
 112 100
 64 63.2 52.1 78.1
 63 35.8 28.6 42.8

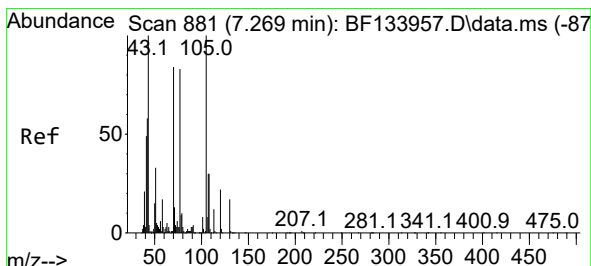
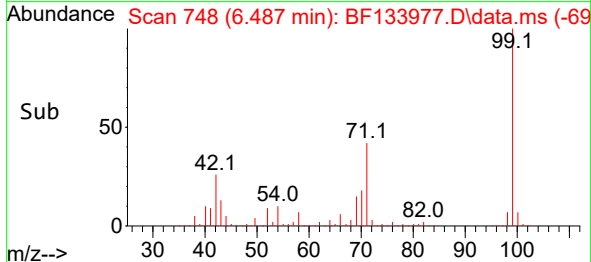
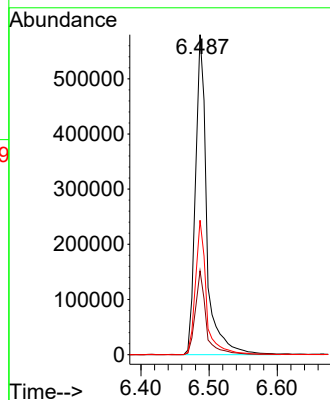
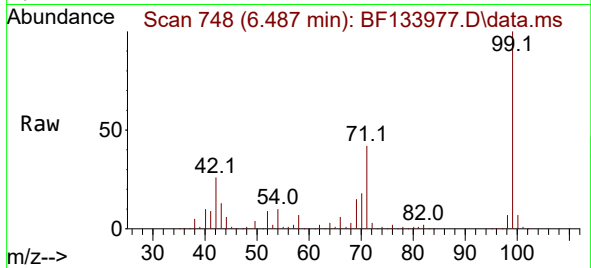




#7
Phenol-d6
Concen: 91.492 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133977.D
Acq: 27 Jun 2023 06:53

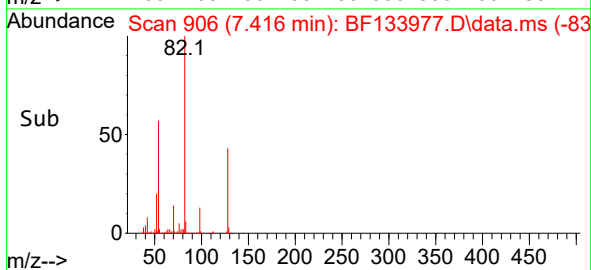
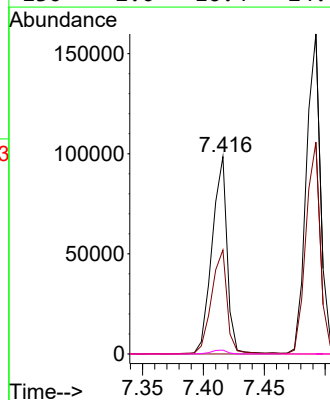
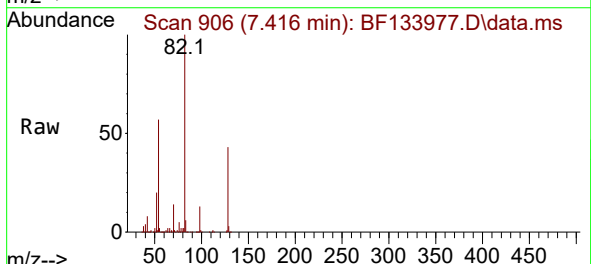
Instrument :
BNA_F
ClientSampleId :
WC-2

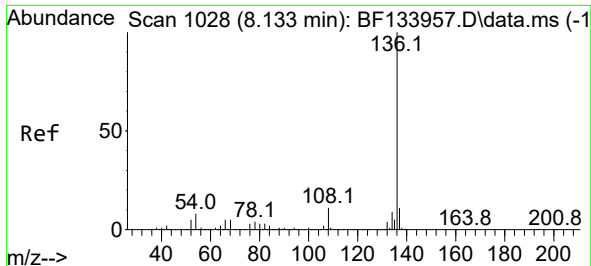
Tgt Ion: 99 Resp: 667868
Ion Ratio Lower Upper
99 100
42 26.2 19.8 29.6
71 42.0 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 18.496 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.147 min
Lab File: BF133977.D
Acq: 27 Jun 2023 06:53

Tgt Ion: 70 Resp: 85622
Ion Ratio Lower Upper
70 100
42 52.7 54.7 82.1#
101 0.0 7.7 11.5#
130 2.0 16.4 24.6#



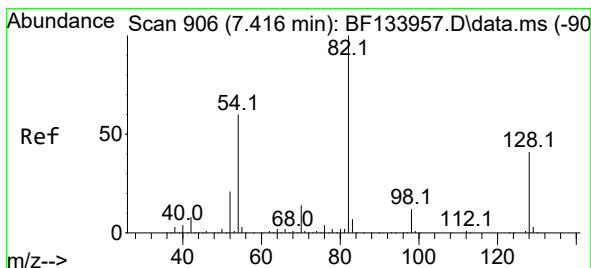
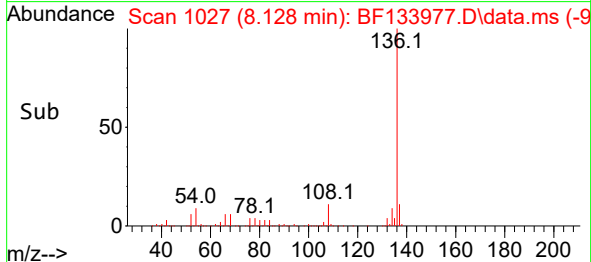
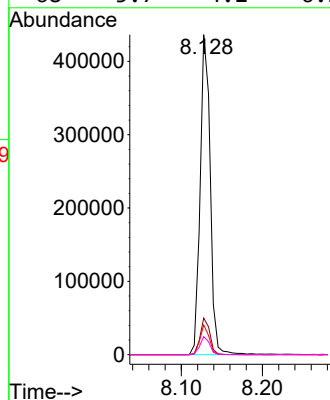
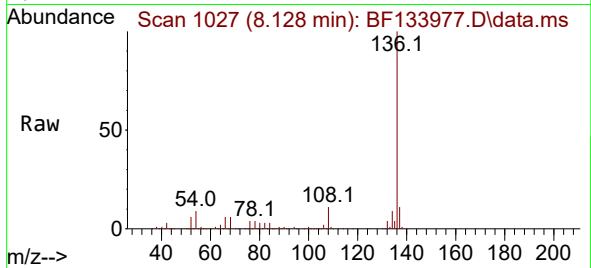


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF133977.D
Acq: 27 Jun 2023 06:53

Instrument :
BNA_F
ClientSampleId :
WC-2

Tgt Ion:136 Resp: 377743

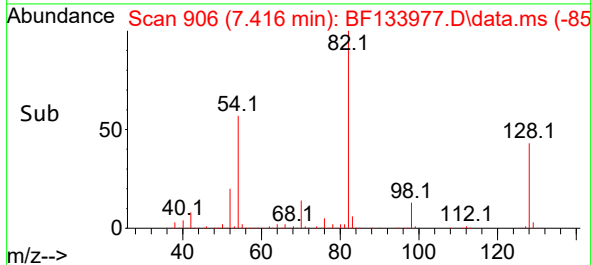
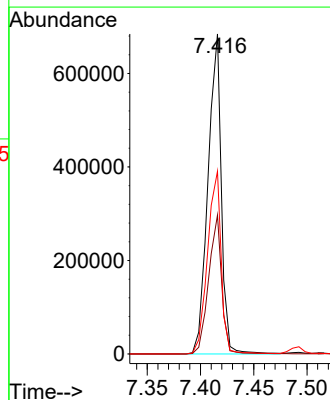
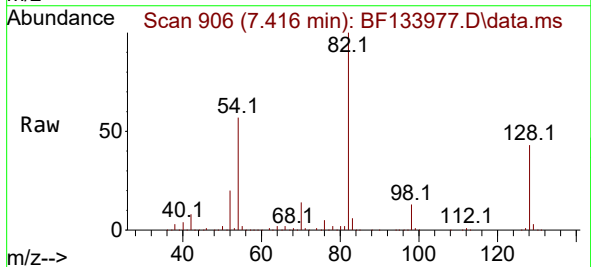
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	12.8
54	9.3	6.5	9.7
68	5.7	4.2	6.2

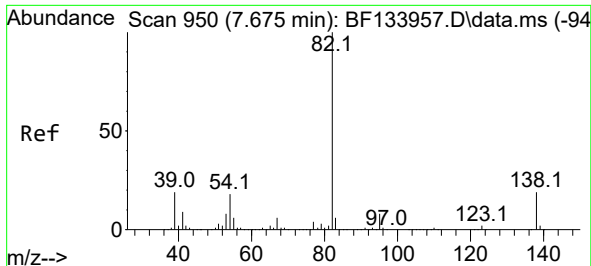


#23
Nitrobenzene-d5
Concen: 85.455 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF133977.D
Acq: 27 Jun 2023 06:53

Tgt Ion: 82 Resp: 598830

Ion	Ratio	Lower	Upper
82	100		
128	43.4	32.5	48.7
54	57.1	48.2	72.2

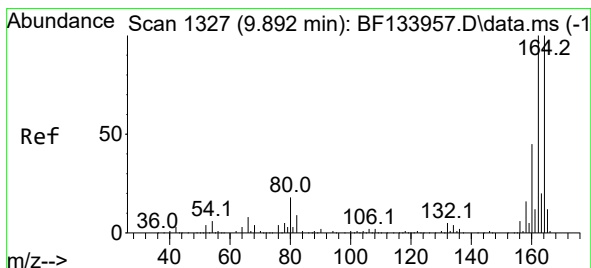
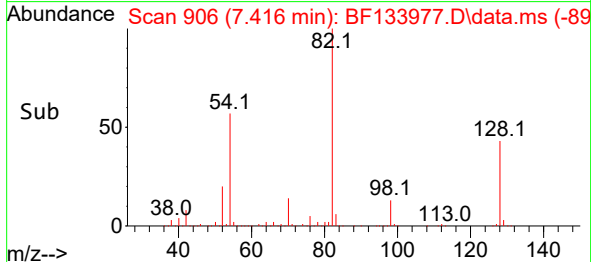
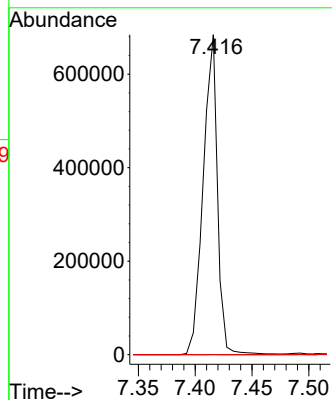
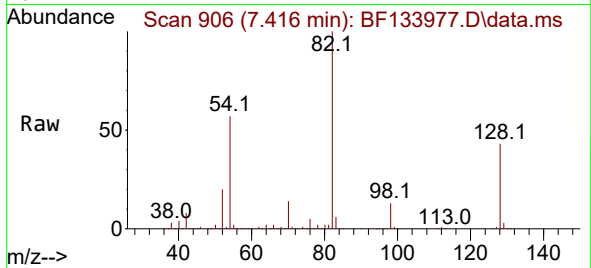




#25
Isophorone
Concen: 47.019 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133977.D
Acq: 27 Jun 2023 06:53

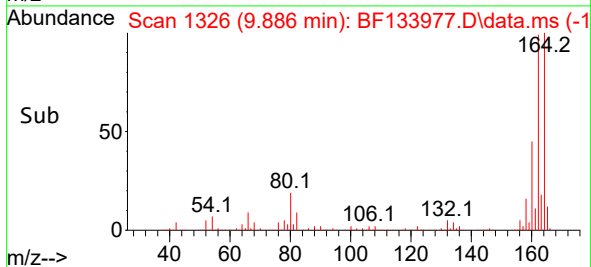
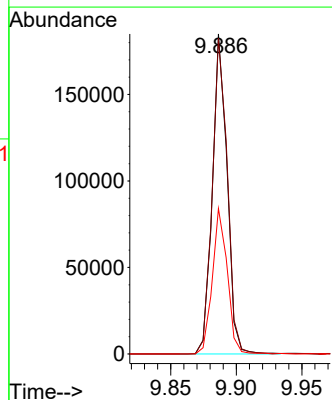
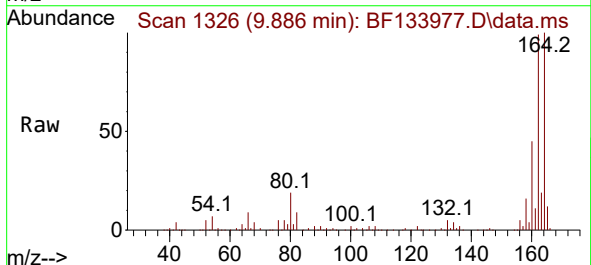
Instrument :
BNA_F
ClientSampleId :
WC-2

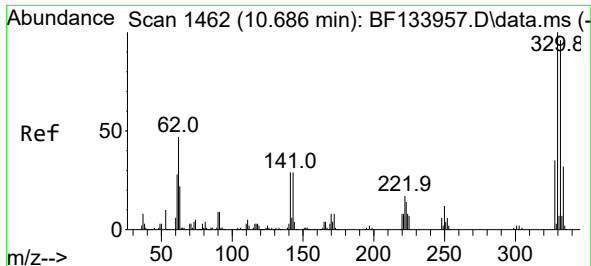
Tgt Ion: 82 Resp: 598823
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF133977.D
Acq: 27 Jun 2023 06:53

Tgt Ion:164 Resp: 144079
Ion Ratio Lower Upper
164 100
162 98.7 80.0 120.0
160 45.4 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 123.236 ng

RT: 10.680 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF133977.D

Acq: 27 Jun 2023 06:53

Instrument :

BNA_F

ClientSampleId :

WC-2

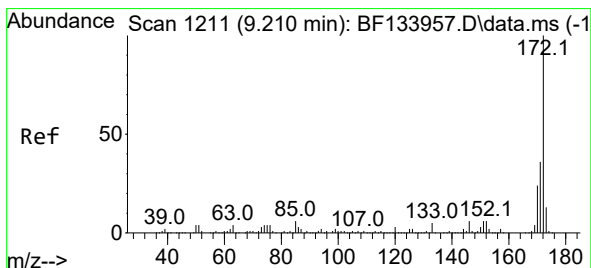
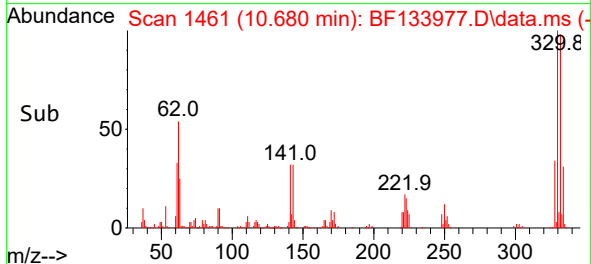
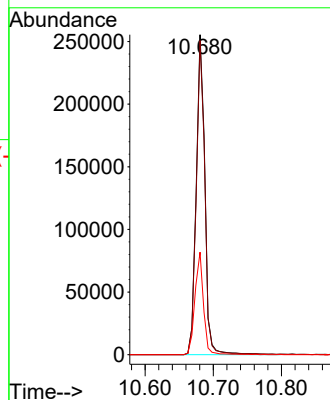
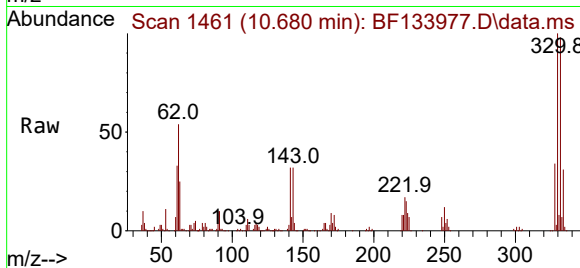
Tgt Ion:330 Resp: 222621

Ion Ratio Lower Upper

330 100

332 97.5 77.0 115.6

141 31.8 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 85.296 ng

RT: 9.210 min Scan# 1211

Delta R.T. 0.000 min

Lab File: BF133977.D

Acq: 27 Jun 2023 06:53

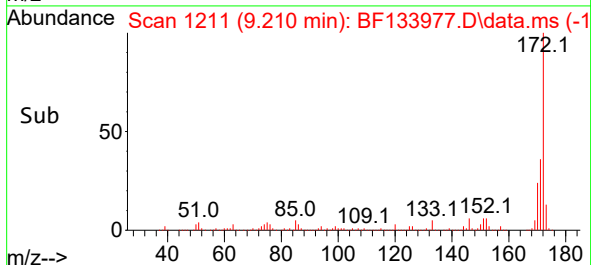
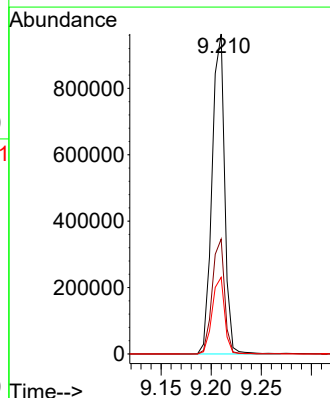
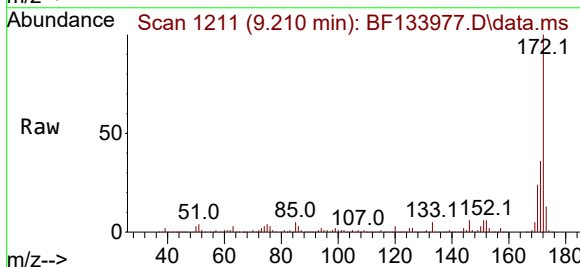
Tgt Ion:172 Resp: 845276

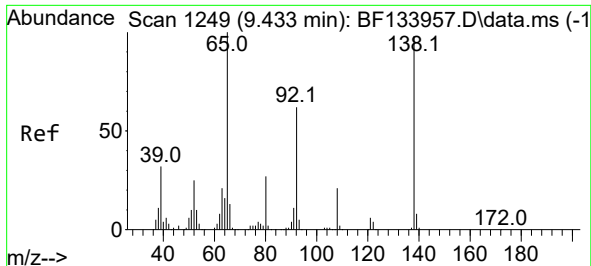
Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 24.0 19.4 29.0

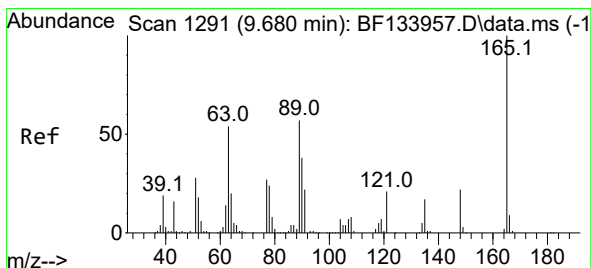
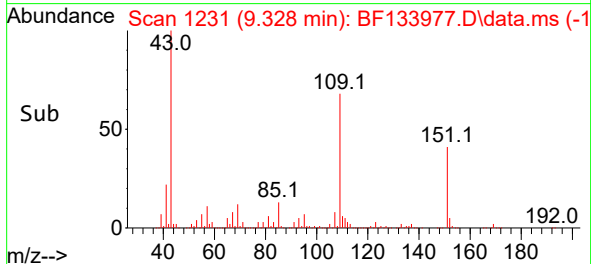
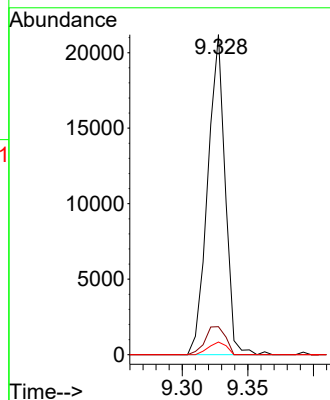
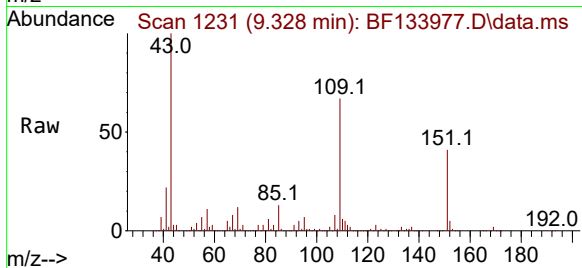




#48
2-Nitroaniline
Concen: 6.368 ng
RT: 9.328 min Scan# 11
Delta R.T. -0.105 min
Lab File: BF133977.D
Acq: 27 Jun 2023 06:53

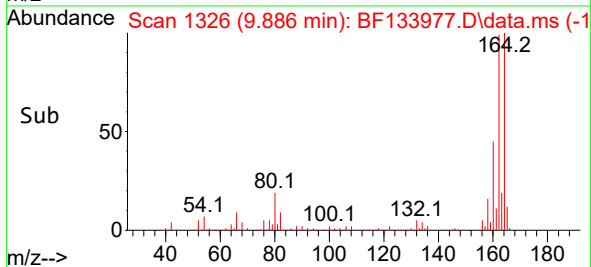
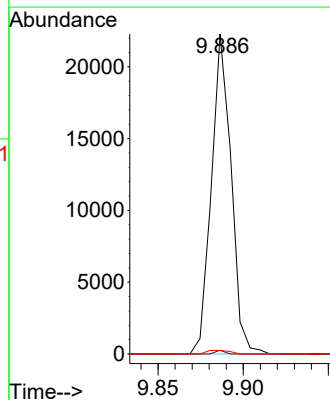
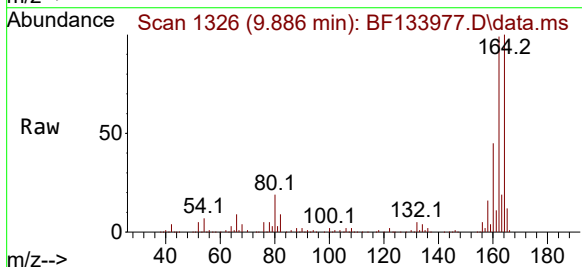
Instrument :
BNA_F
ClientSampleId :
WC-2

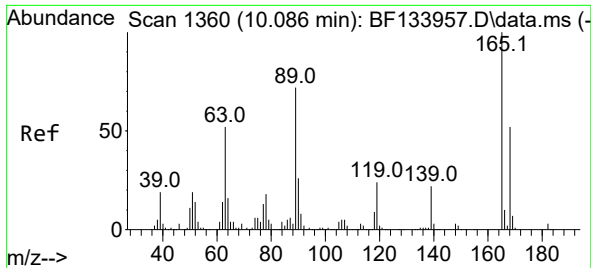
Tgt Ion: 65 Resp: 19624
Ion Ratio Lower Upper
65 100
92 8.7 49.5 74.3#
138 4.0 78.0 117.0#



#51
2,6-Dinitrotoluene
Concen: 7.956 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.206 min
Lab File: BF133977.D
Acq: 27 Jun 2023 06:53

Tgt Ion: 165 Resp: 17923
Ion Ratio Lower Upper
165 100
63 1.1 48.5 72.7#
89 1.1 45.5 68.3#

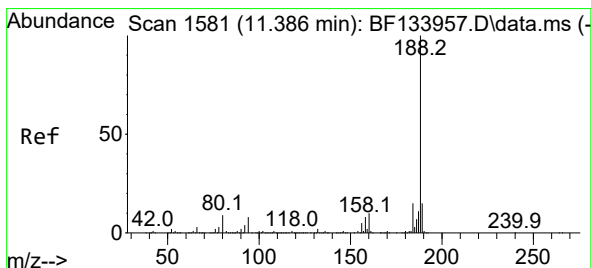
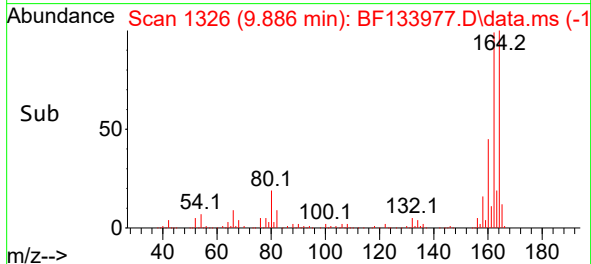
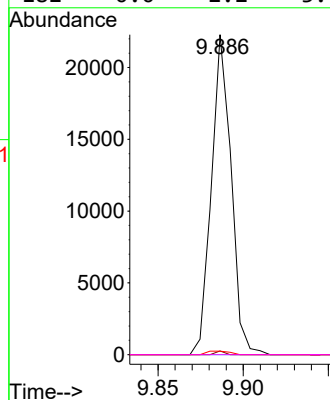
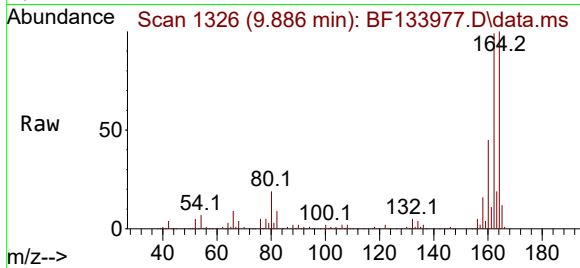




#57
2,4-Dinitrotoluene
Concen: 6.025 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133977.D
Acq: 27 Jun 2023 06:53

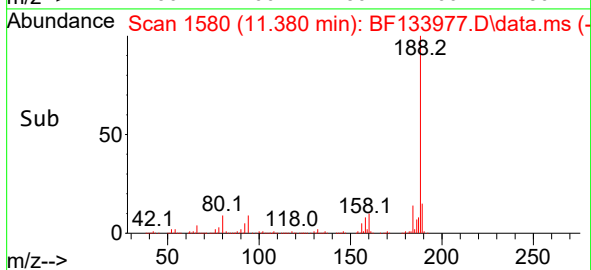
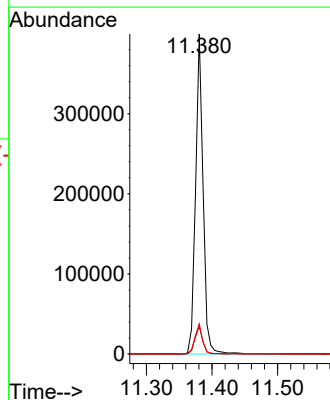
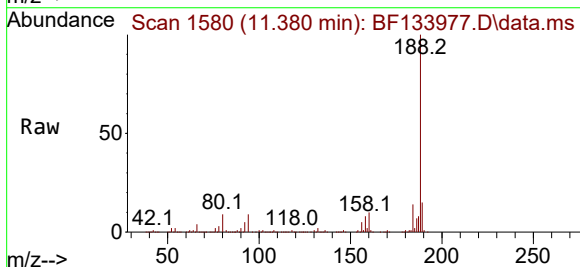
Instrument :
BNA_F
ClientSampleId :
WC-2

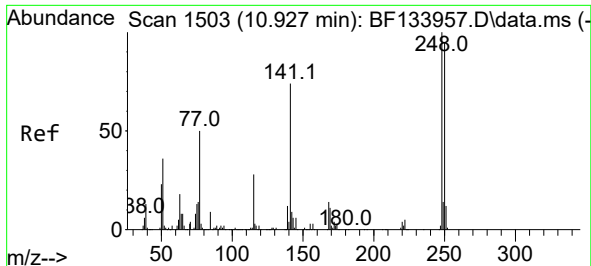
Tgt Ion:165 Resp: 17923
Ion Ratio Lower Upper
165 100
63 1.1 42.2 63.2#
89 1.1 57.4 86.2#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF133977.D
Acq: 27 Jun 2023 06:53

Tgt Ion:188 Resp: 318920
Ion Ratio Lower Upper
188 100
94 8.6 6.4 9.6
80 9.4 7.3 10.9

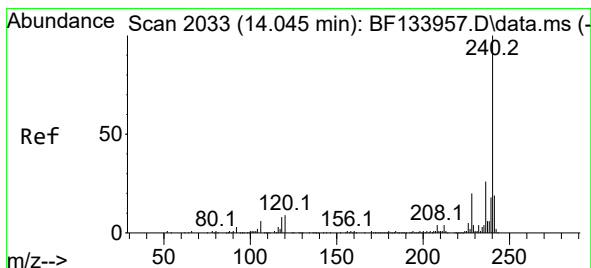
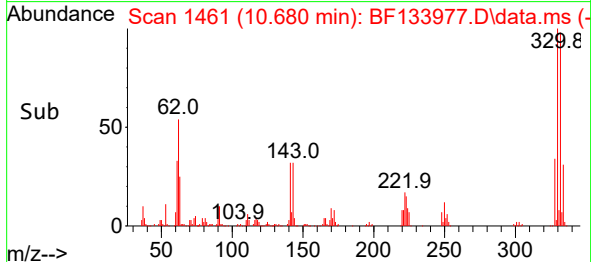
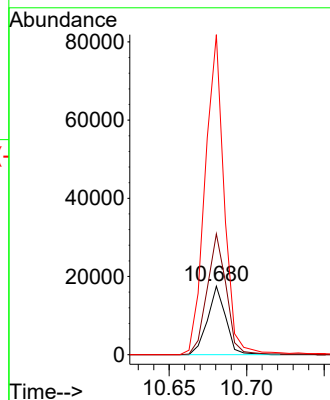
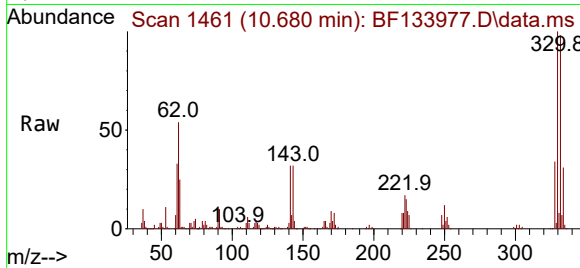




#67
4-Bromophenyl-phenylether
Concen: 4.217 ng
RT: 10.680 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF133977.D
Acq: 27 Jun 2023 06:53

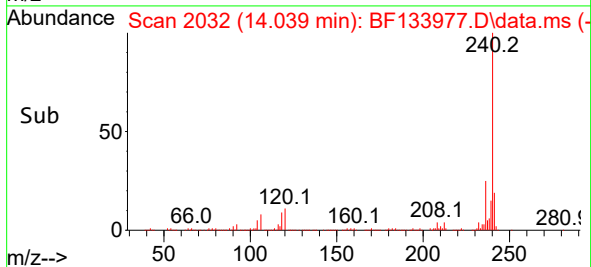
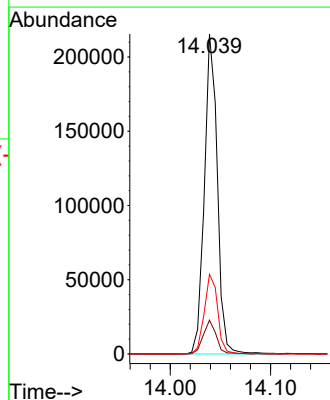
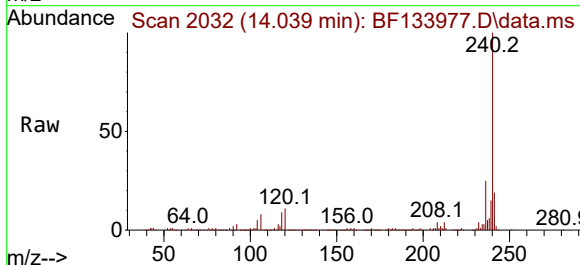
Instrument :
BNA_F
ClientSampleId :
WC-2

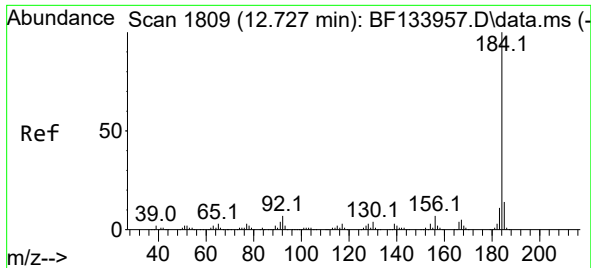
Tgt Ion:248 Resp: 14295
Ion Ratio Lower Upper
248 100
250 176.6 76.2 114.4#
141 467.6 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF133977.D
Acq: 27 Jun 2023 06:53

Tgt Ion:240 Resp: 194403
Ion Ratio Lower Upper
240 100
120 10.5 7.4 11.0
236 24.9 21.0 31.6

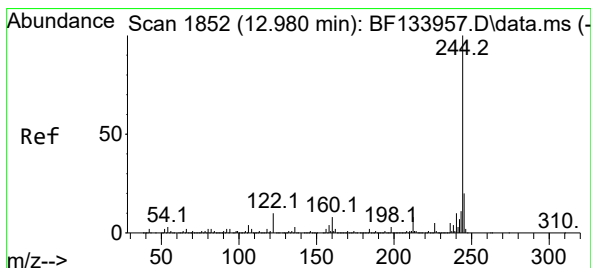
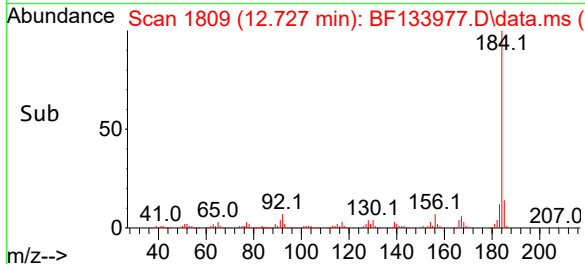
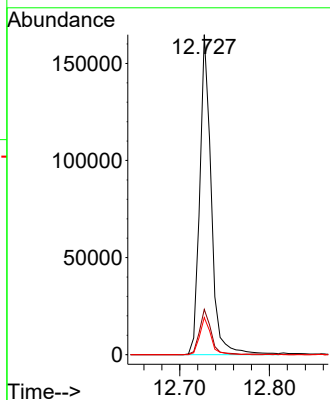
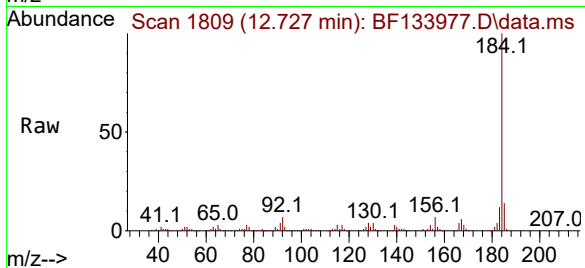




#77
Benzidine
Concen: 31.684 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF133977.D
Acq: 27 Jun 2023 06:53

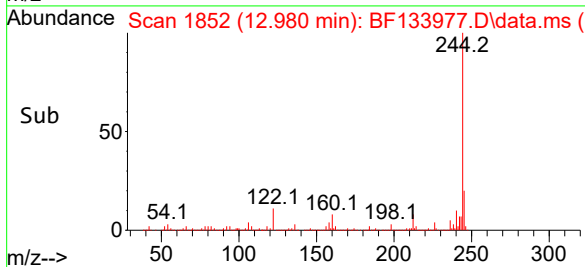
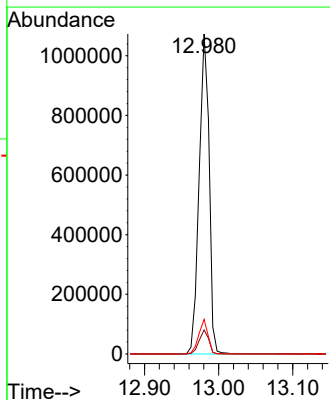
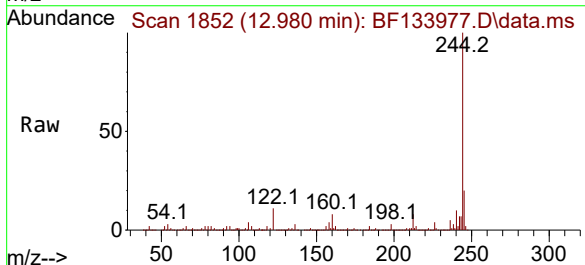
Instrument :
BNA_F
ClientSampleId :
WC-2

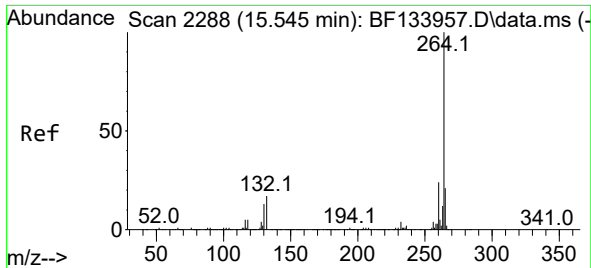
Tgt Ion:184 Resp: 146559
Ion Ratio Lower Upper
184 100
185 14.2 11.6 17.4
183 11.6 8.8 13.2



#79
Terphenyl-d14
Concen: 83.175 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF133977.D
Acq: 27 Jun 2023 06:53

Tgt Ion:244 Resp: 1004672
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 10.8 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: BF133977.D
Acq: 27 Jun 2023 06:53

Instrument :
BNA_F
ClientSampleId :
WC-2

Tgt Ion:264 Resp: 156828
Ion Ratio Lower Upper
264 100
260 22.4 19.5 29.3
265 21.7 16.6 25.0

