

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062623\
 Data File : BF133975.D
 Acq On : 27 Jun 2023 05:49
 Operator : CG\JU
 Sample : 03336-17
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Jun 27 06:38:22 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)

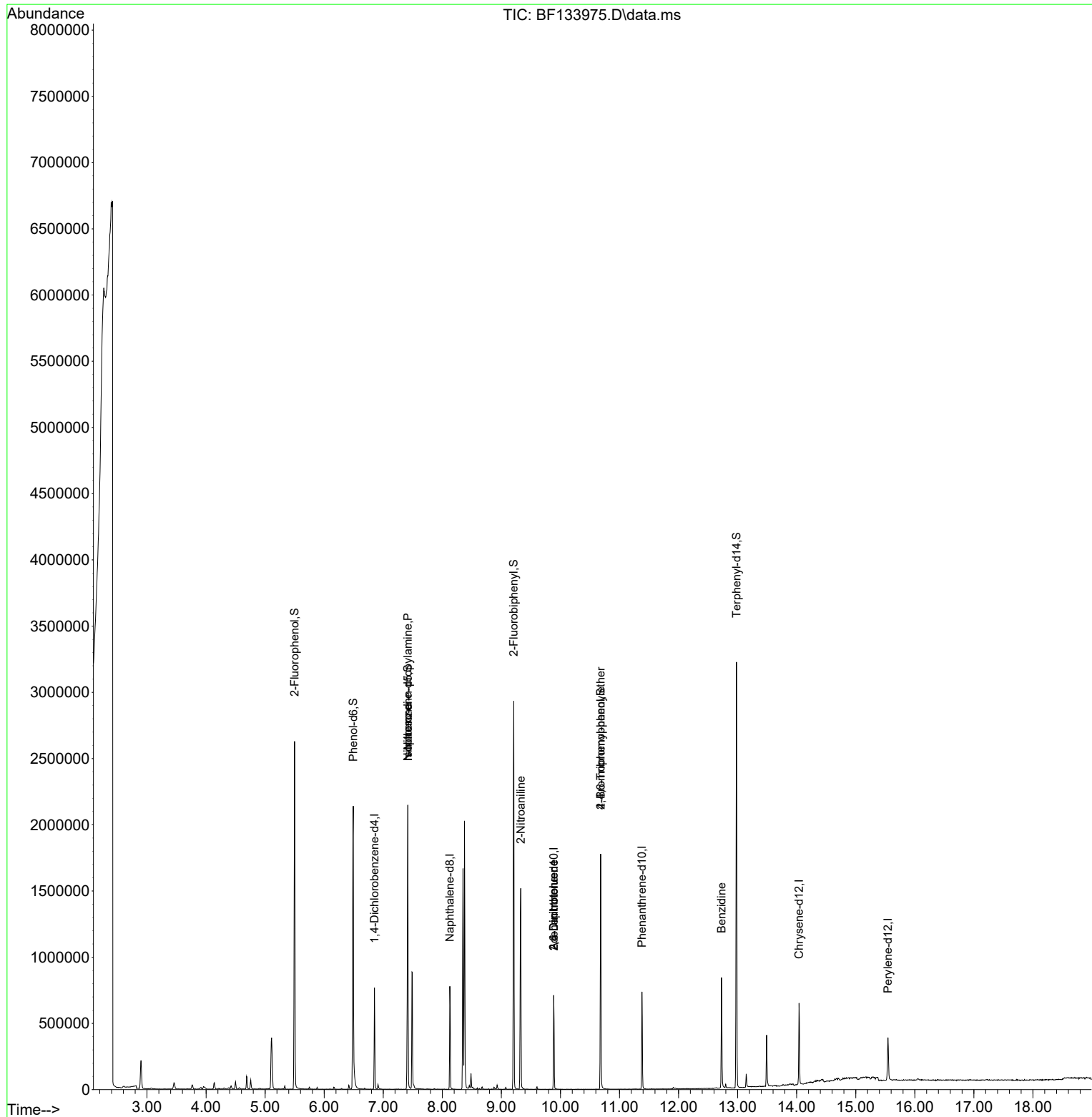
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	100197	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	320472	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	131179	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	258774	20.000	ng	0.00
76) Chrysene-d12	14.039	240	201081	20.000	ng	0.00
86) Perylene-d12	15.545	264	151430	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	673869	112.501	ng	0.02
7) Phenol-d6	6.492	99	735780	99.883	ng	0.00
23) Nitrobenzene-d5	7.416	82	610159	102.633	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	199906	121.544	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	838909	92.979	ng	0.00
79) Terphenyl-d14	12.980	244	1082259	86.622	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.410	77	77	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	86557	18.529	ng	# 76
25) Isophorone	7.416	82	610260	56.481	ng	# 64
48) 2-Nitroaniline	9.328	65	15171	5.407	ng	# 16
51) 2,6-Dinitrotoluene	9.886	165	16858	8.220	ng	# 23
57) 2,4-Dinitrotoluene	9.886	165	16858	6.224	ng	# 21
67) 4-Bromophenyl-phenylether	10.680	248	12452	4.527	ng	# 1
77) Benzidine	12.727	184	309559	64.699	ng	100

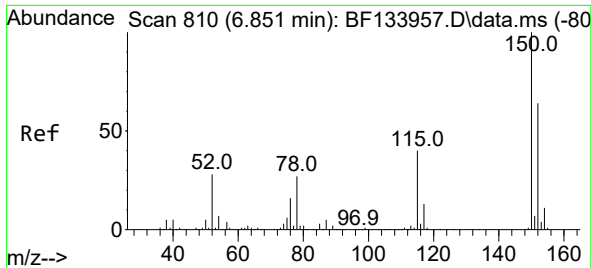
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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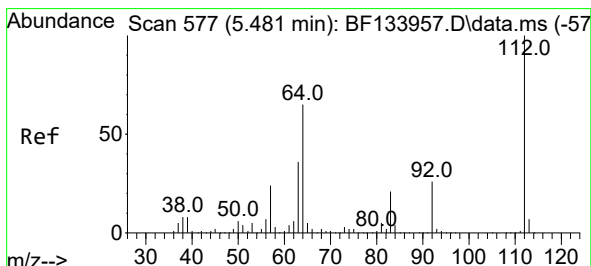
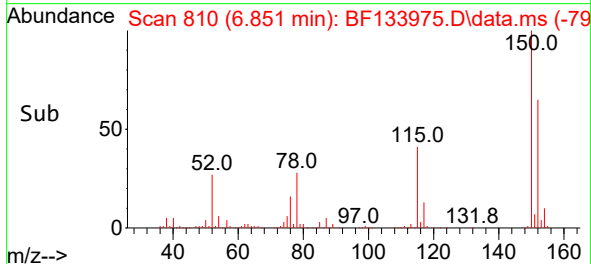
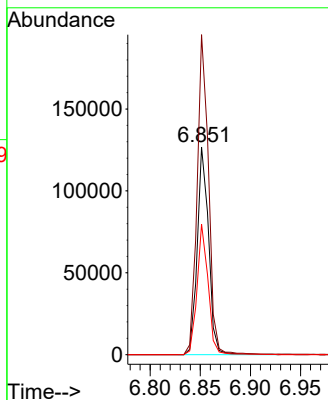
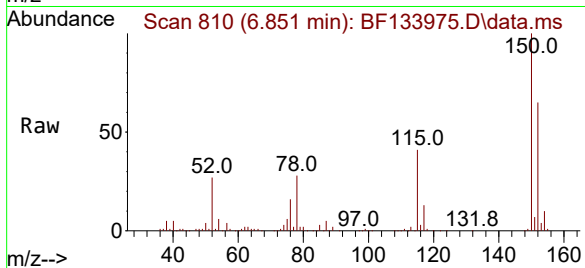




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF133975.D
Acq: 27 Jun 2023 05:49

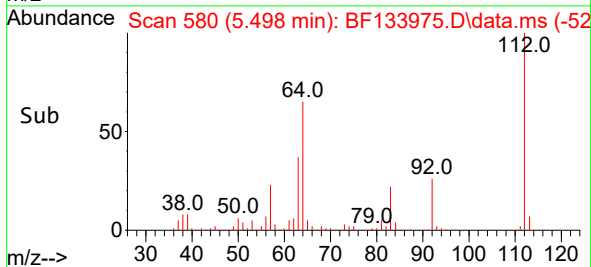
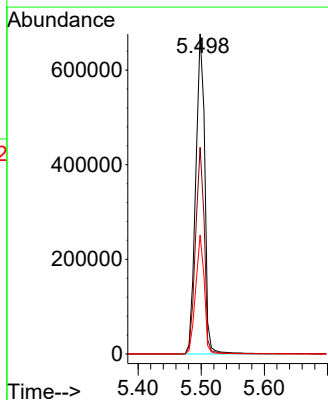
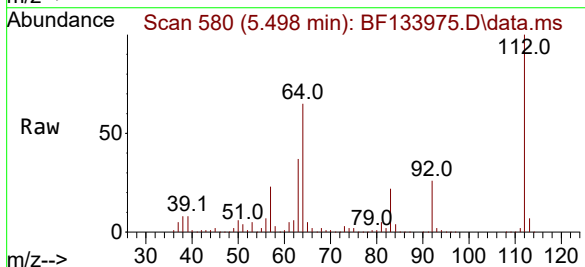
Instrument :
BNA_F
ClientSampleId :
WC-1

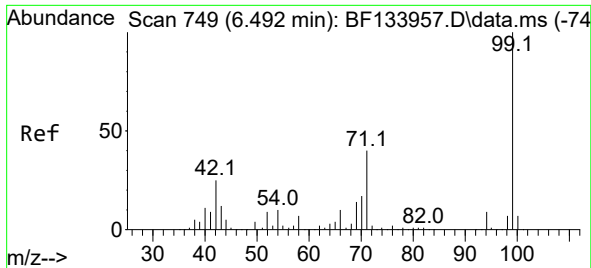
Tgt Ion:152 Resp: 100197
Ion Ratio Lower Upper
152 100
150 154.1 124.5 186.7
115 62.9 50.2 75.2



#5
2-Fluorophenol
Concen: 112.501 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF133975.D
Acq: 27 Jun 2023 05:49

Tgt Ion:112 Resp: 673869
Ion Ratio Lower Upper
112 100
64 64.6 52.1 78.1
63 37.1 28.6 42.8

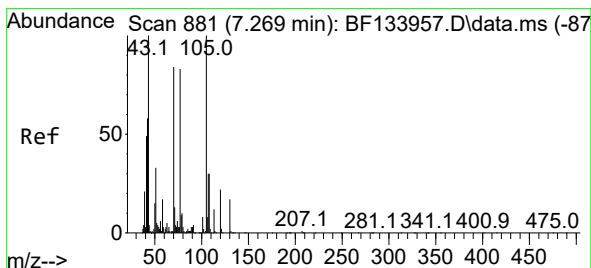
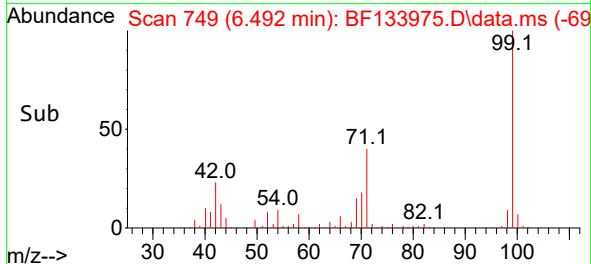
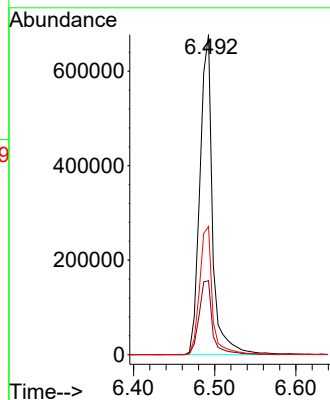
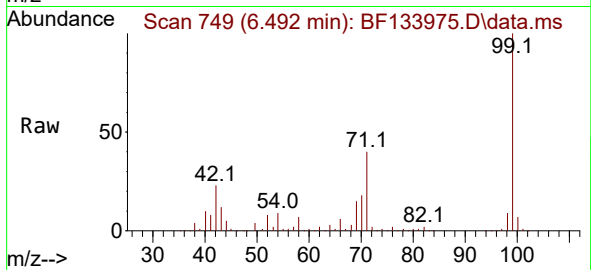




#7
Phenol-d6
Concen: 99.883 ng
RT: 6.492 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF133975.D
Acq: 27 Jun 2023 05:49

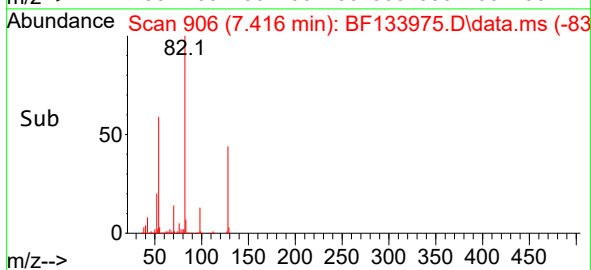
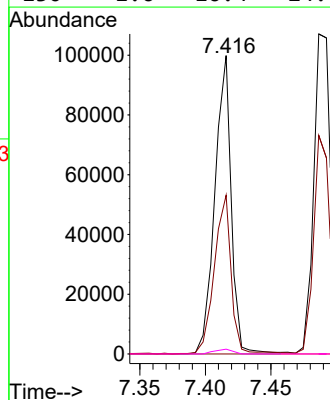
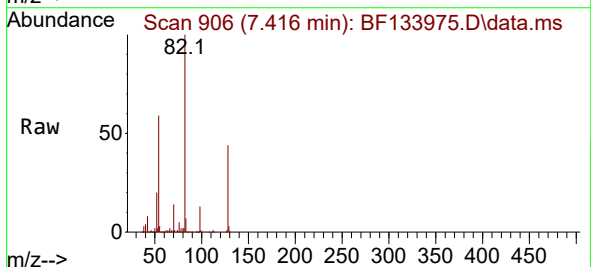
Instrument :
BNA_F
ClientSampleId :
WC-1

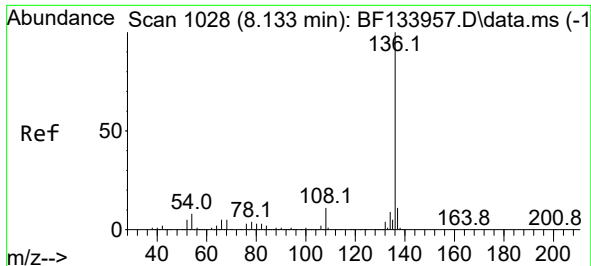
Tgt Ion: 99 Resp: 735780
Ion Ratio Lower Upper
99 100
42 23.1 19.8 29.6
71 40.0 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 18.529 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.147 min
Lab File: BF133975.D
Acq: 27 Jun 2023 05:49

Tgt Ion: 70 Resp: 86557
Ion Ratio Lower Upper
70 100
42 53.2 54.7 82.1#
101 0.0 7.7 11.5#
130 1.6 16.4 24.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133975.D

Acq: 27 Jun 2023 05:49

Instrument :

BNA_F

ClientSampleId :

WC-1

Tgt Ion:136 Resp: 320472

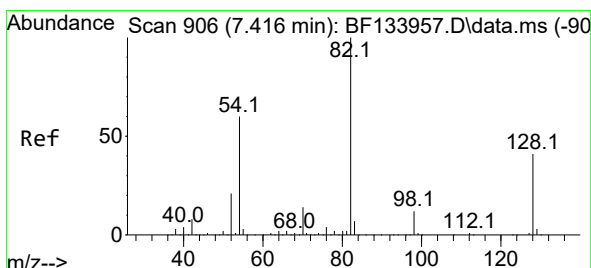
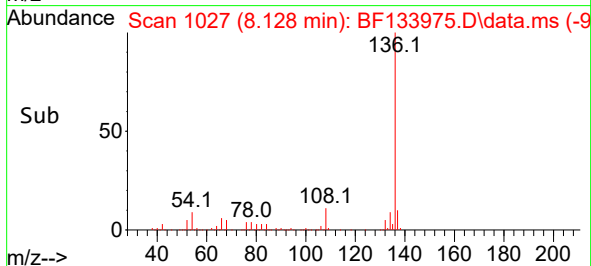
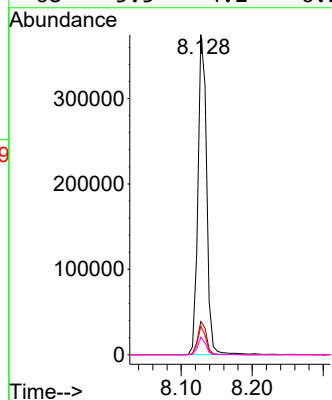
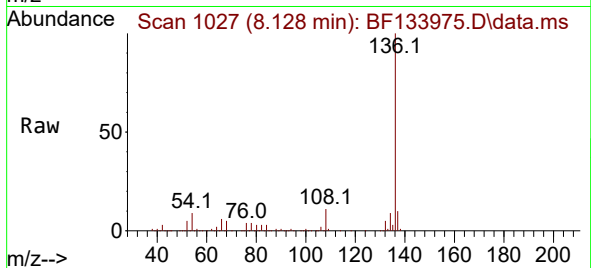
Ion Ratio Lower Upper

136 100

137 10.4 8.6 12.8

54 8.9 6.5 9.7

68 5.5 4.2 6.2



#23

Nitrobenzene-d5

Concen: 102.633 ng

RT: 7.416 min Scan# 906

Delta R.T. 0.000 min

Lab File: BF133975.D

Acq: 27 Jun 2023 05:49

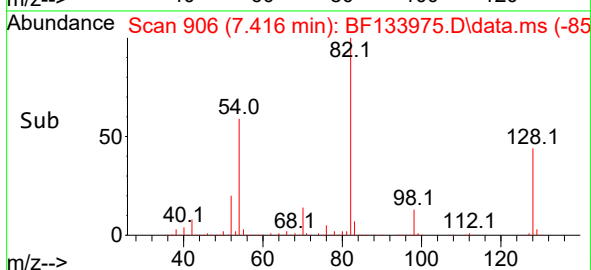
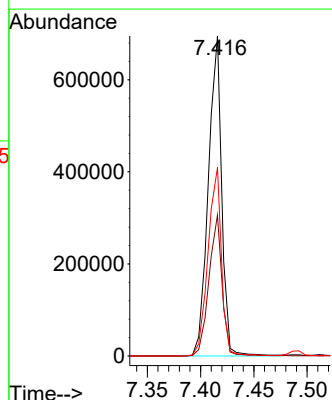
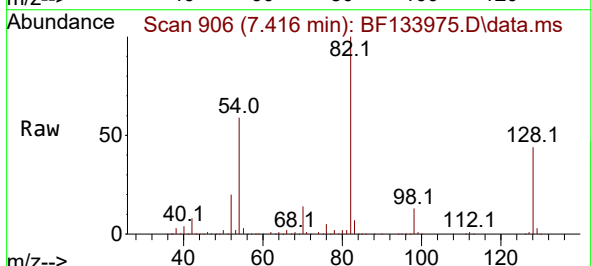
Tgt Ion: 82 Resp: 610159

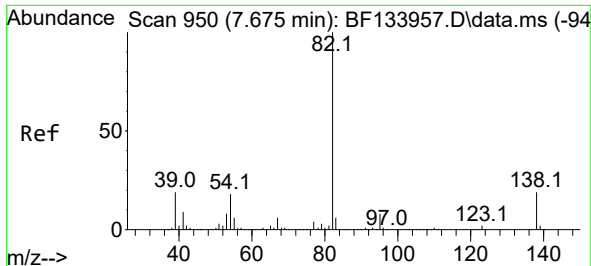
Ion Ratio Lower Upper

82 100

128 44.1 32.5 48.7

54 58.9 48.2 72.2

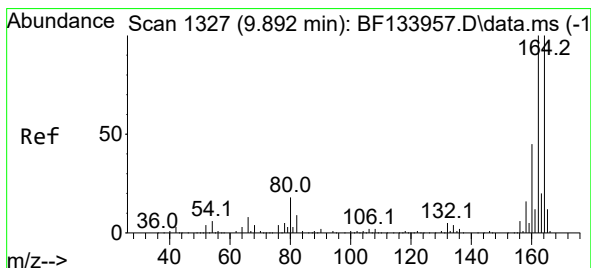
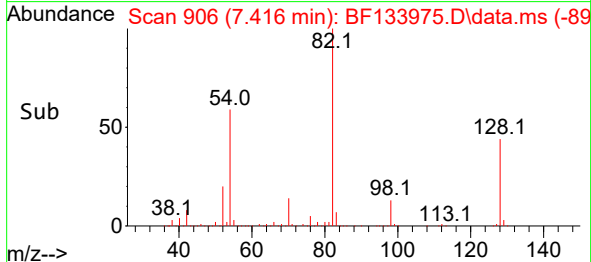
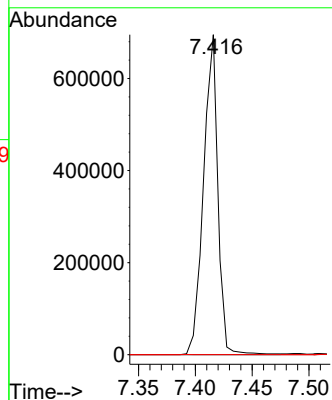
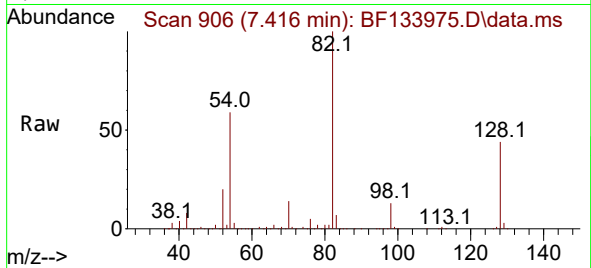




#25
Isophorone
Concen: 56.481 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133975.D
Acq: 27 Jun 2023 05:49

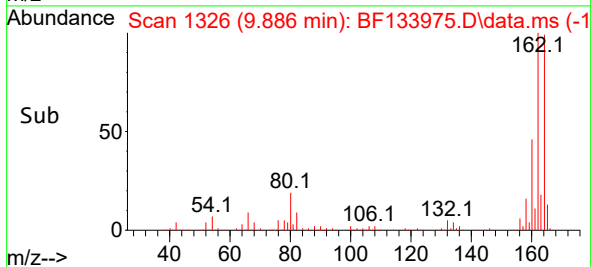
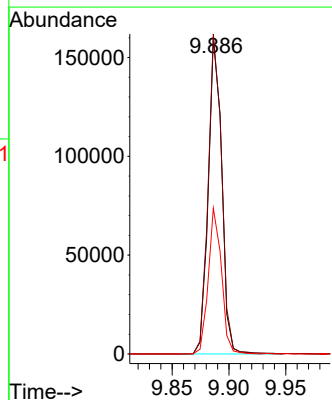
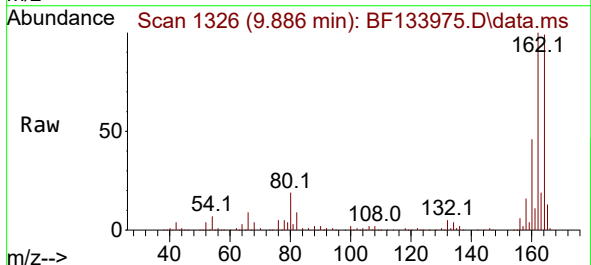
Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion: 82 Resp: 610260
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: BF133975.D
Acq: 27 Jun 2023 05:49

Tgt Ion:164 Resp: 131179
Ion Ratio Lower Upper
164 100
162 101.5 80.0 120.0
160 46.2 35.9 53.9

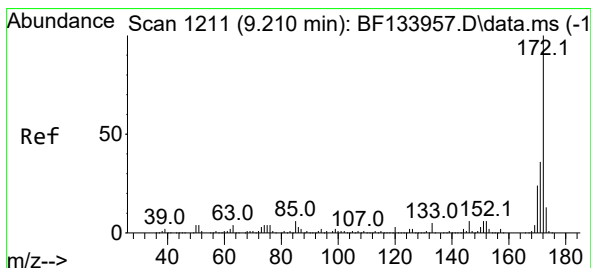
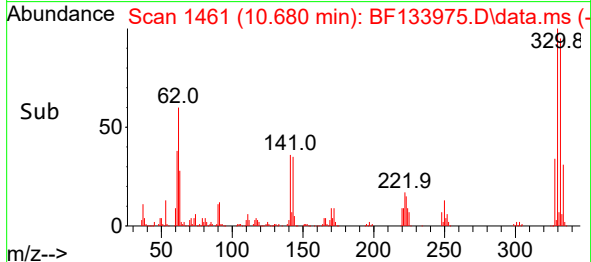
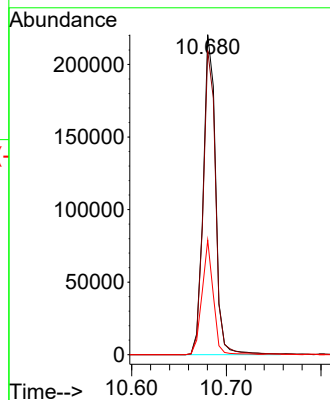
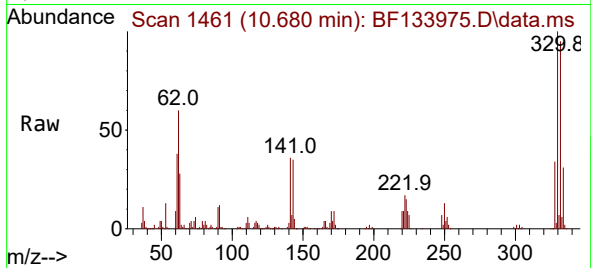




#42
2,4,6-Tribromophenol
Concen: 121.544 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF133975.D
Acq: 27 Jun 2023 05:49

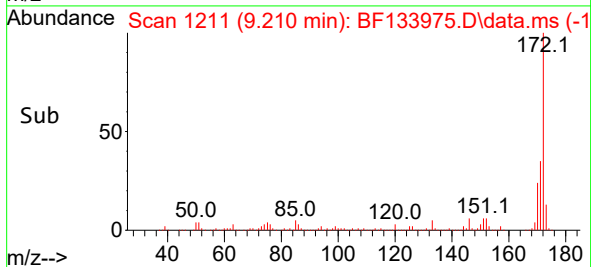
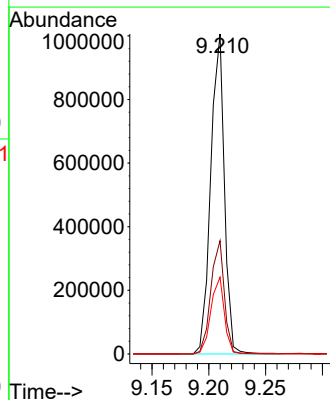
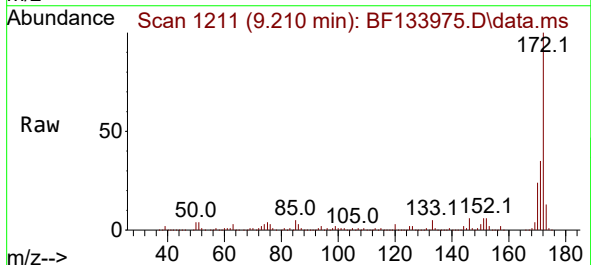
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ClientSampleId :
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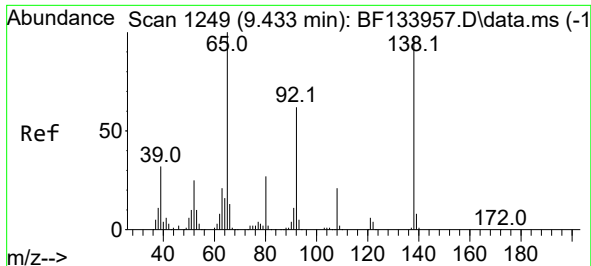
Tgt Ion:330 Resp: 199906
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.6
141 32.7 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 92.979 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF133975.D
Acq: 27 Jun 2023 05:49

Tgt Ion:172 Resp: 838909
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 24.0 19.4 29.0

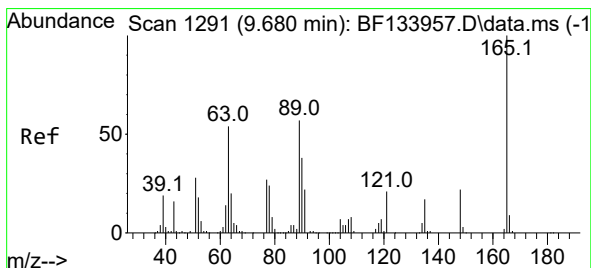
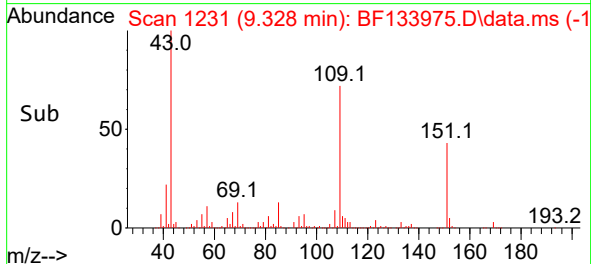
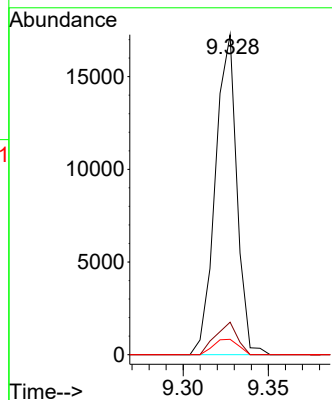
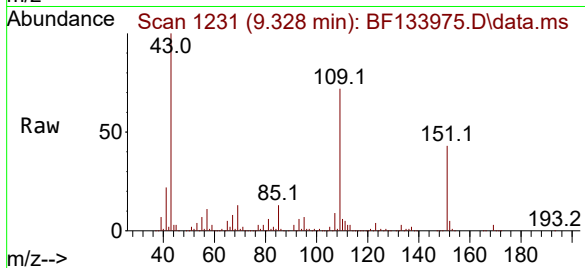




#48
2-Nitroaniline
Concen: 5.407 ng
RT: 9.328 min Scan# 11
Delta R.T. -0.105 min
Lab File: BF133975.D
Acq: 27 Jun 2023 05:49

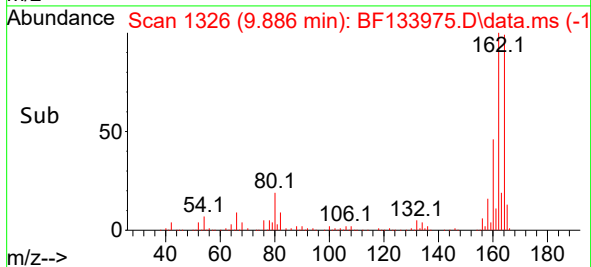
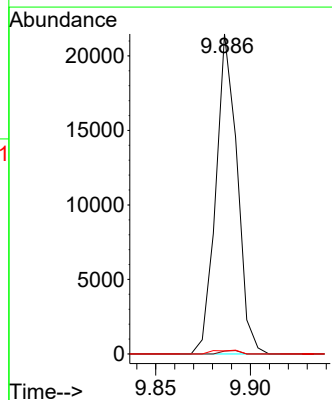
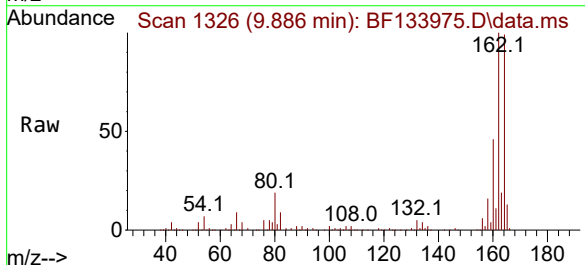
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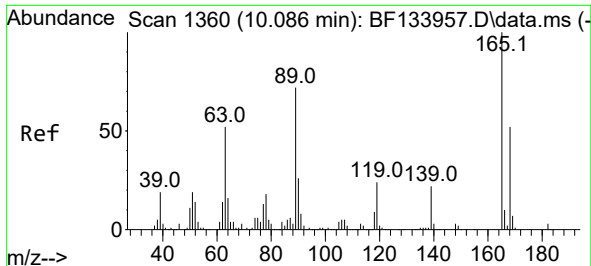
Tgt Ion: 65 Resp: 15171
Ion Ratio Lower Upper
65 100
92 10.2 49.5 74.3#
138 4.8 78.0 117.0#



#51
2,6-Dinitrotoluene
Concen: 8.220 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.206 min
Lab File: BF133975.D
Acq: 27 Jun 2023 05:49

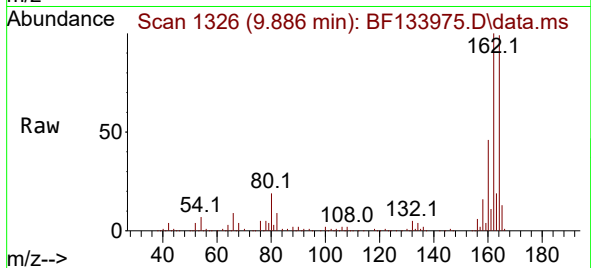
Tgt Ion:165 Resp: 16858
Ion Ratio Lower Upper
165 100
63 0.9 48.5 72.7#
89 0.9 45.5 68.3#



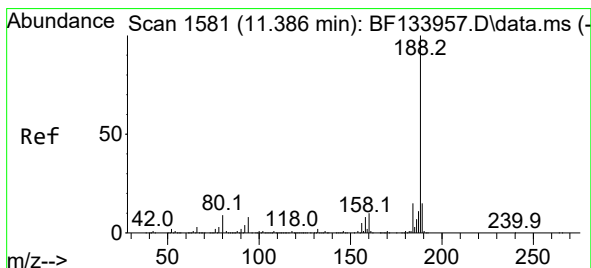
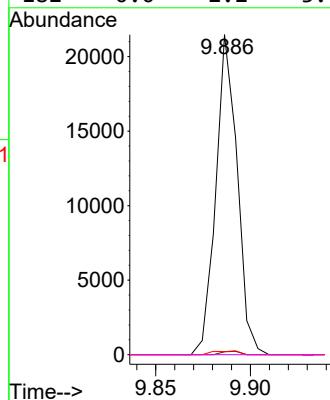
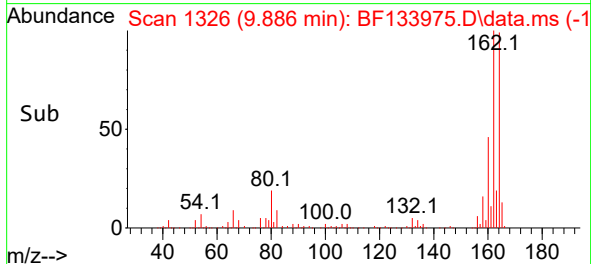


#57
2,4-Dinitrotoluene
Concen: 6.224 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133975.D
Acq: 27 Jun 2023 05:49

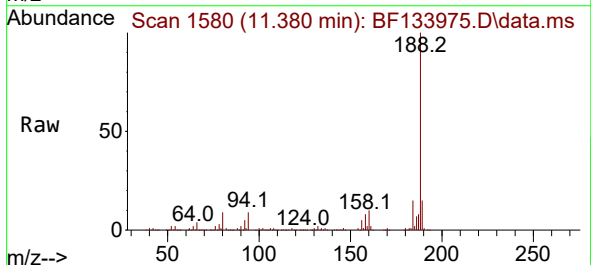
Instrument :
BNA_F
ClientSampleId :
WC-1



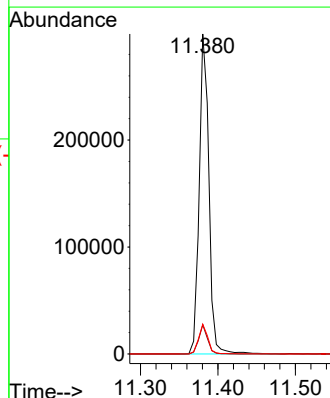
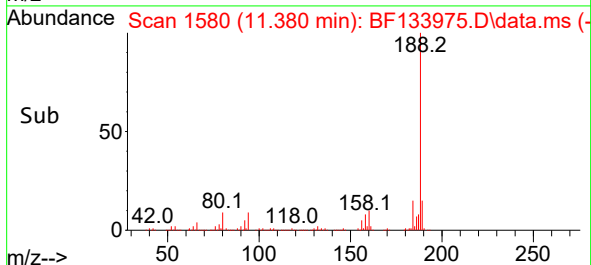
Tgt Ion:165 Resp: 16858
Ion Ratio Lower Upper
165 100
63 0.9 42.2 63.2#
89 0.9 57.4 86.2#
182 0.0 2.2 3.4#

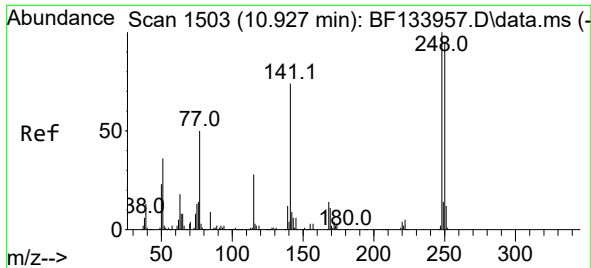


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF133975.D
Acq: 27 Jun 2023 05:49



Tgt Ion:188 Resp: 258774
Ion Ratio Lower Upper
188 100
94 9.1 6.4 9.6
80 9.3 7.3 10.9

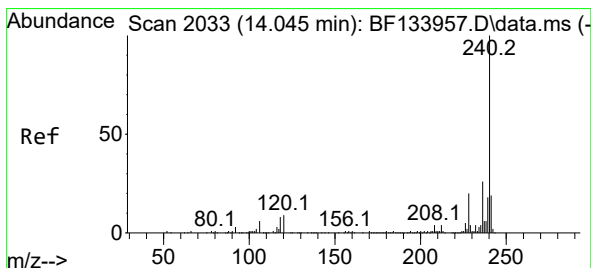
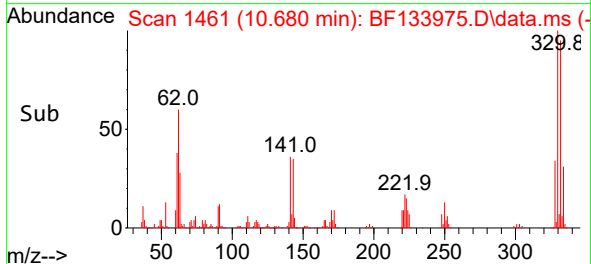
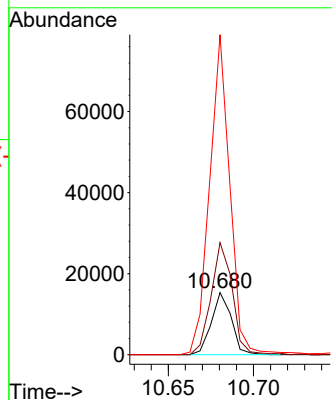
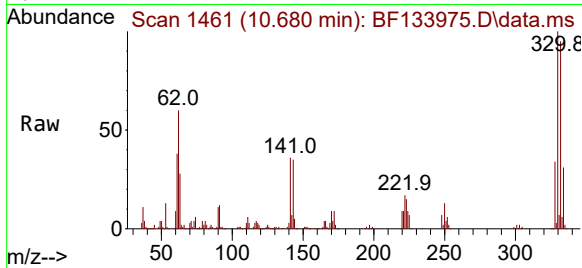




#67
4-Bromophenyl-phenylether
Concen: 4.527 ng
RT: 10.680 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF133975.D
Acq: 27 Jun 2023 05:49

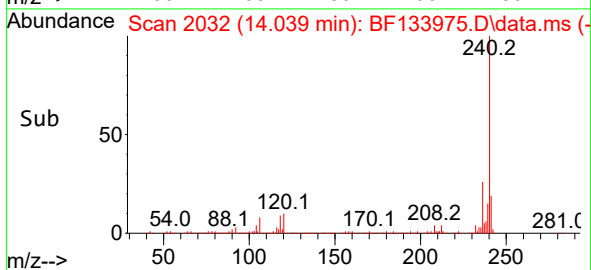
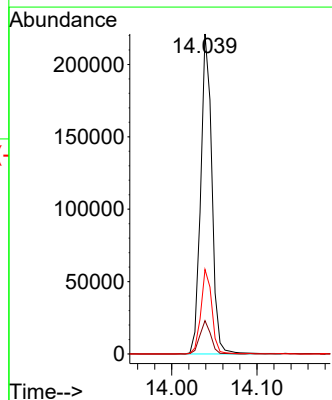
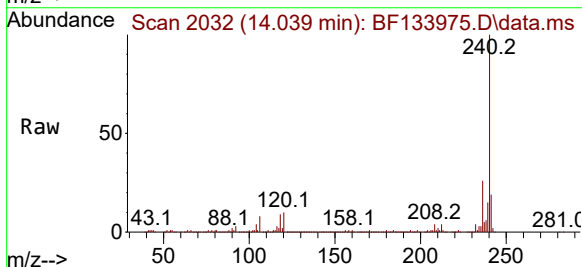
Instrument :
BNA_F
ClientSampleId :
WC-1

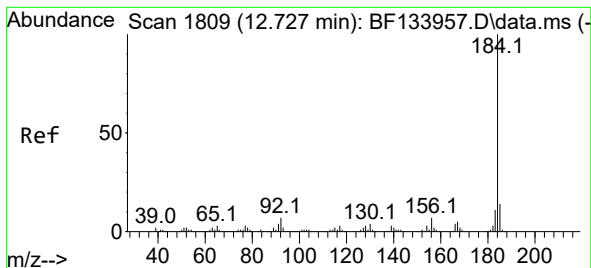
Tgt Ion:248 Resp: 12452
Ion Ratio Lower Upper
248 100
250 180.4 76.2 114.4#
141 515.2 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF133975.D
Acq: 27 Jun 2023 05:49

Tgt Ion:240 Resp: 201081
Ion Ratio Lower Upper
240 100
120 10.4 7.4 11.0
236 26.4 21.0 31.6





#77

Benzidine

Concen: 64.699 ng

RT: 12.727 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF133975.D

Acq: 27 Jun 2023 05:49

Instrument :

BNA_F

ClientSampleId :

WC-1

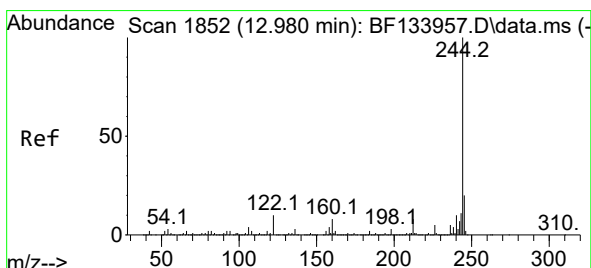
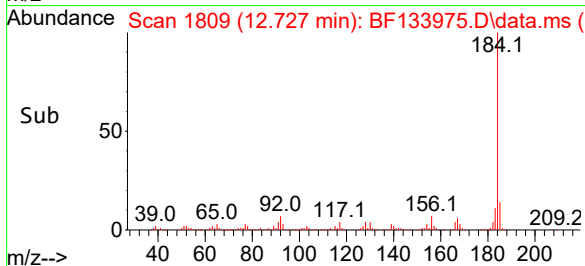
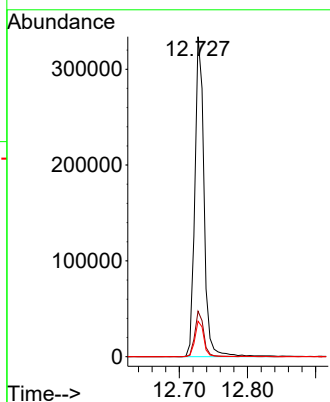
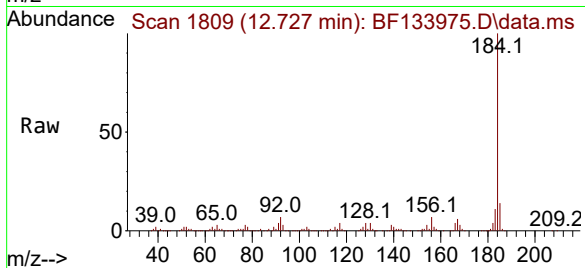
Tgt Ion:184 Resp: 309559

Ion Ratio Lower Upper

184 100

185 14.2 11.6 17.4

183 11.1 8.8 13.2



#79

Terphenyl-d14

Concen: 86.622 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF133975.D

Acq: 27 Jun 2023 05:49

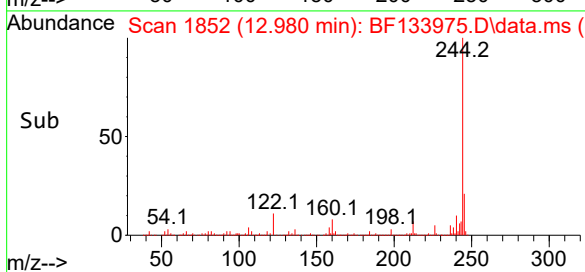
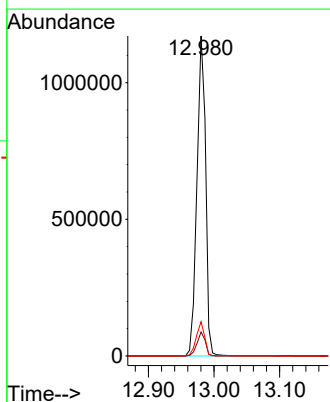
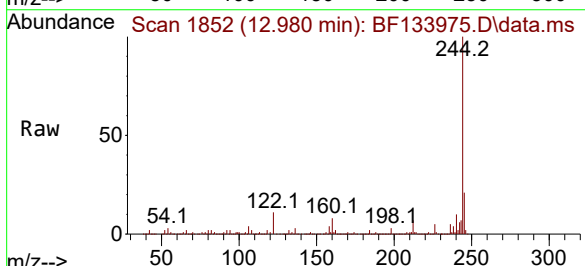
Tgt Ion:244 Resp: 1082259

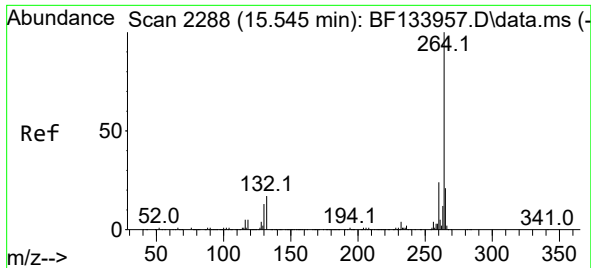
Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 10.7 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: BF133975.D
 Acq: 27 Jun 2023 05:49

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tgt Ion:264 Resp: 151430
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 22.2 16.6 25.0

