

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060623\
 Data File : BF133603.D
 Acq On : 06 Jun 2023 21:26
 Operator : CG\JU
 Sample : 03002-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-48

Quant Time: Jun 07 04:02:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 14:05:12 2023
 Response via : Initial Calibration

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

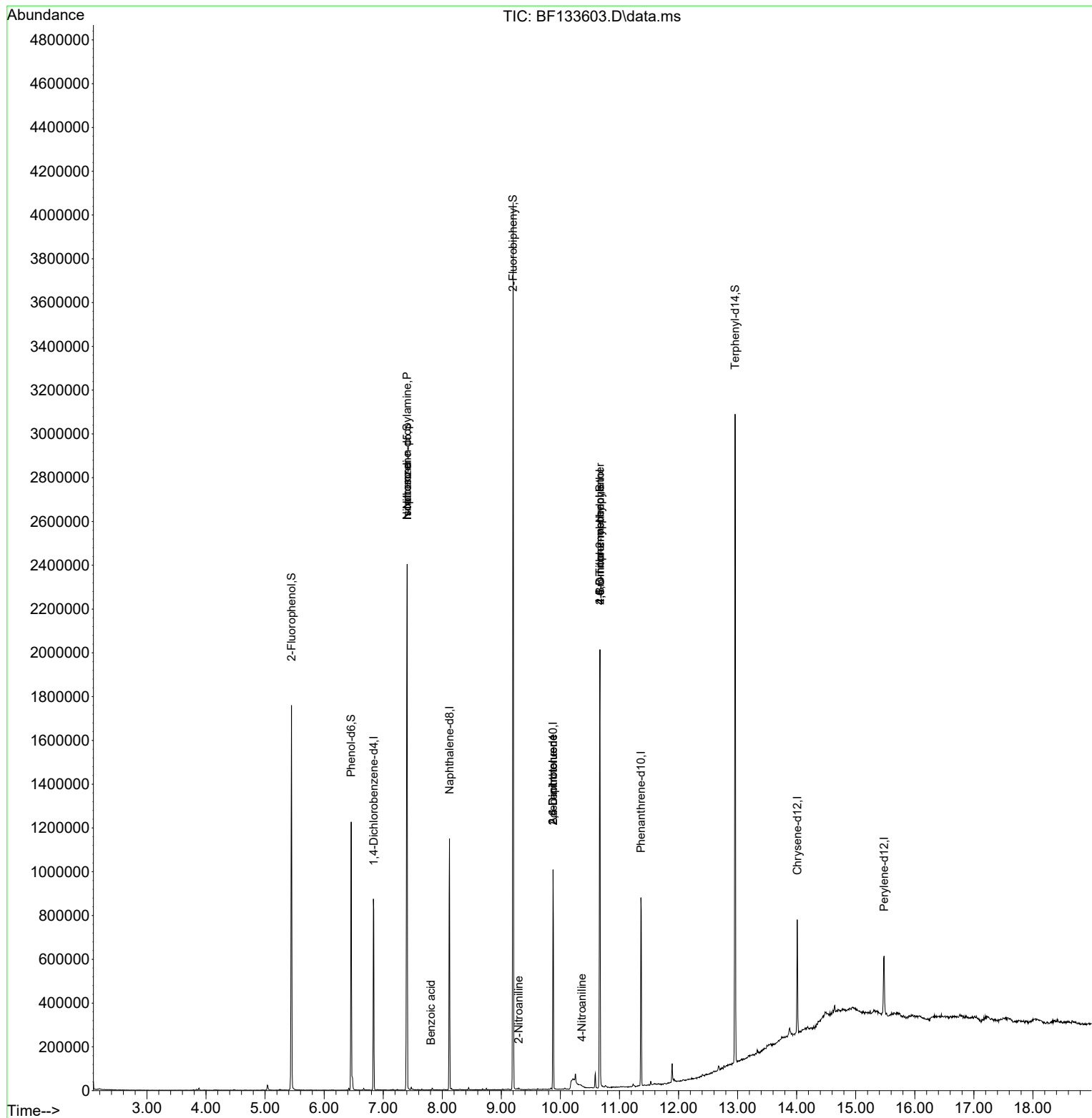
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	128987	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	455100	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	183534	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	320726	20.000	ng	0.00
76) Chrysene-d12	14.010	240	164148	20.000	ng	0.00
86) Perylene-d12	15.480	264	141875	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	436454	56.456	ng	0.00
7) Phenol-d6	6.457	99	329183	34.590	ng	0.00
23) Nitrobenzene-d5	7.404	82	689746	101.194	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	239199	130.746	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1175428	98.848	ng	0.00
79) Terphenyl-d14	12.957	244	1031124	111.687	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.387	77	261	Below Cal	#	70
19) n-Nitroso-di-n-propyla...	7.404	70	95374	15.489	ng	# 76
25) Isophorone	7.404	82	689734	43.419	ng	# 65
32) Benzoic acid	7.810	122	240	7.395	ng	# 88
48) 2-Nitroaniline	9.292	65	131	4.025	ng	# 6
51) 2,6-Dinitrotoluene	9.875	165	23896	12.678	ng	# 18
57) 2,4-Dinitrotoluene	9.875	165	23896	11.820	ng	# 15
62) 4-Nitroaniline	10.363	138	53	3.001	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.669	198	604	9.089	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	15067	4.424	ng	# 1

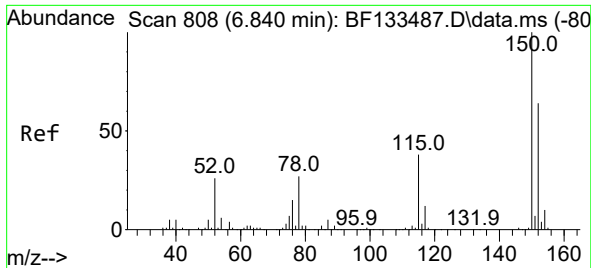
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060623\
Data File : BF133603.D
Acq On : 06 Jun 2023 21:26
Operator : CG\JU
Sample : 03002-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-48

Quant Time: Jun 07 04:02:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 06 14:05:12 2023
Response via : Initial Calibration

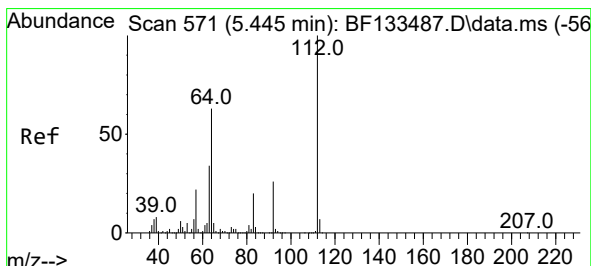
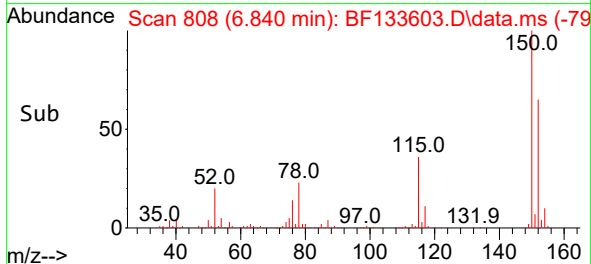
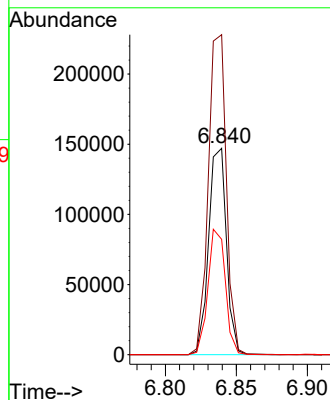
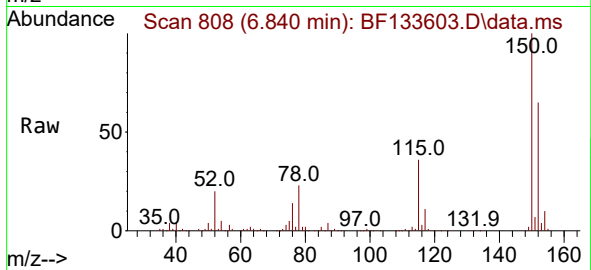




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 808
 Delta R.T. 0.006 min
 Lab File: BF133603.D
 Acq: 06 Jun 2023 21:26

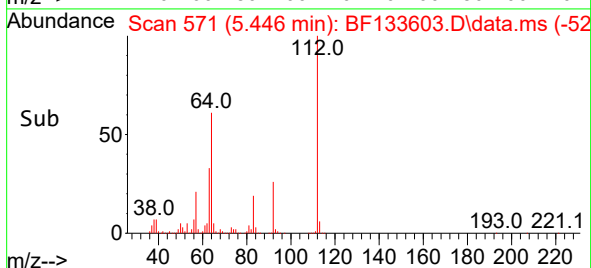
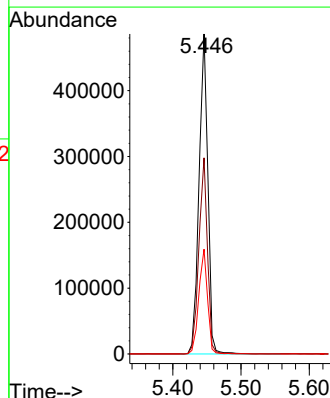
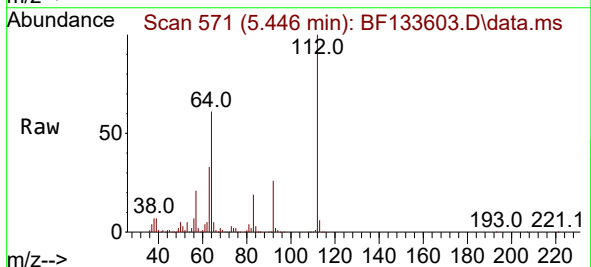
Instrument :
 BNA_F
 ClientSampleId :
 MW-48

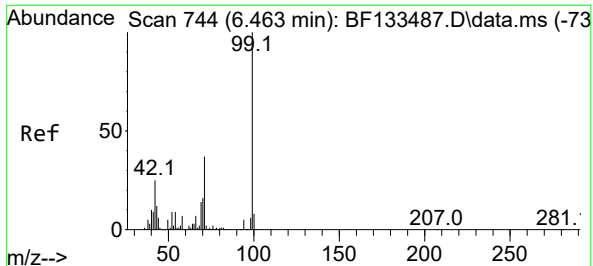
Tgt Ion:152 Resp: 128987
 Ion Ratio Lower Upper
 152 100
 150 155.0 124.9 187.3
 115 55.9 48.1 72.1



#5
 2-Fluorophenol
 Concen: 56.456 ng
 RT: 5.446 min Scan# 571
 Delta R.T. 0.000 min
 Lab File: BF133603.D
 Acq: 06 Jun 2023 21:26

Tgt Ion:112 Resp: 436454
 Ion Ratio Lower Upper
 112 100
 64 61.3 50.1 75.1
 63 32.8 27.5 41.3

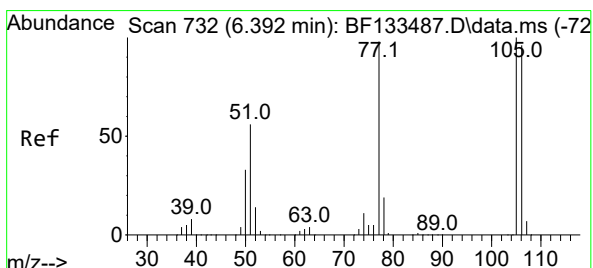
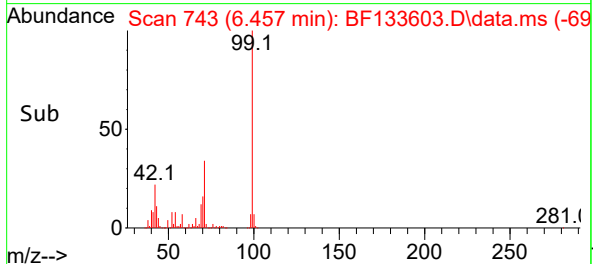
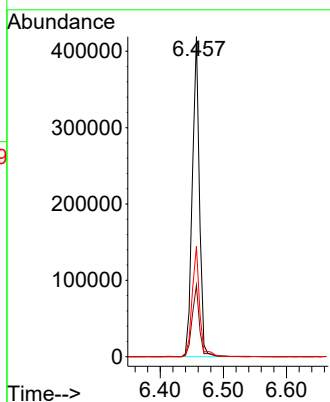
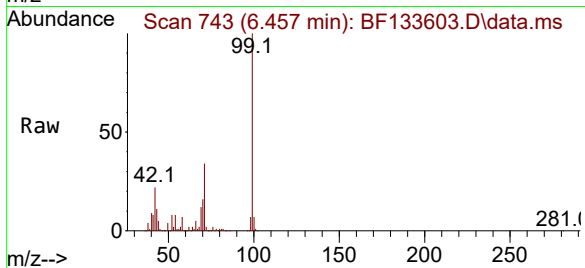




#7
Phenol-d6
Concen: 34.590 ng
RT: 6.457 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133603.D
Acq: 06 Jun 2023 21:26

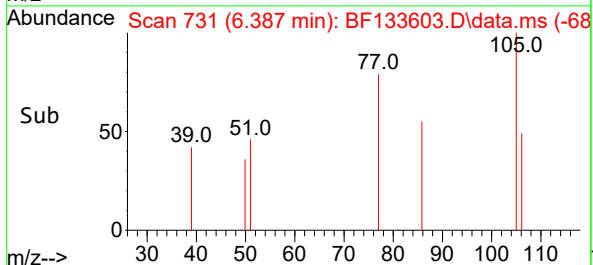
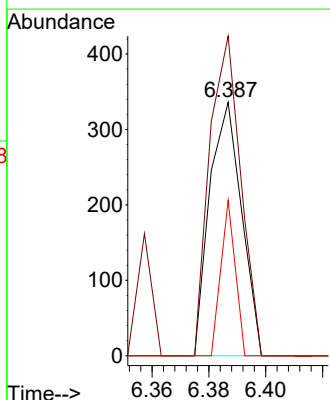
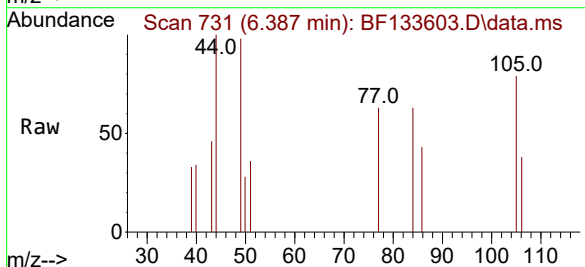
Instrument :
BNA_F
ClientSampleId :
MW-48

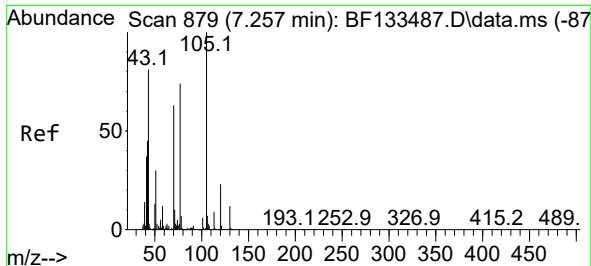
Tgt Ion: 99 Resp: 329183
Ion Ratio Lower Upper
99 100
42 22.3 19.7 29.5
71 34.5 29.8 44.8



#9
Benzaldehyde
Concen: Below Cal
RT: 6.387 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF133603.D
Acq: 06 Jun 2023 21:26

Tgt Ion: 77 Resp: 261
Ion Ratio Lower Upper
77 100
105 126.2 81.9 121.9#
106 61.3 77.8 117.8#

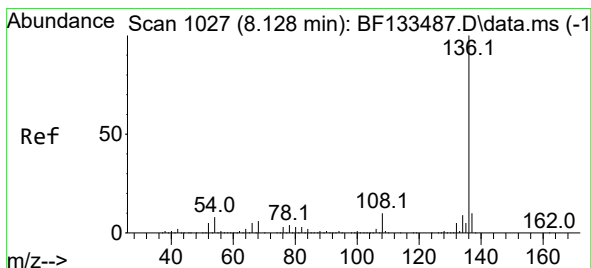
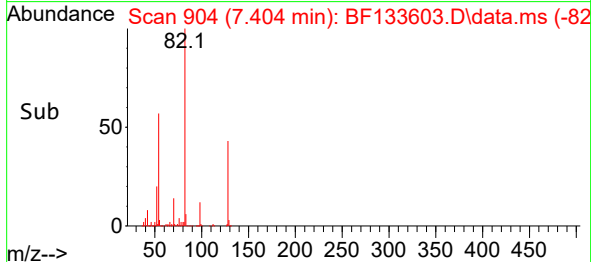
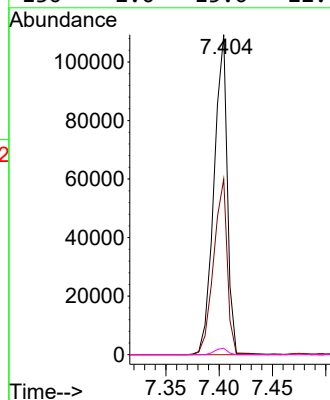
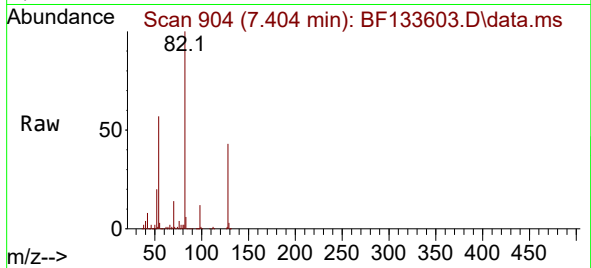




#19
n-Nitroso-di-n-propylamine
Concen: 15.489 ng
RT: 7.404 min Scan# 90
Delta R.T. 0.153 min
Lab File: BF133603.D
Acq: 06 Jun 2023 21:26

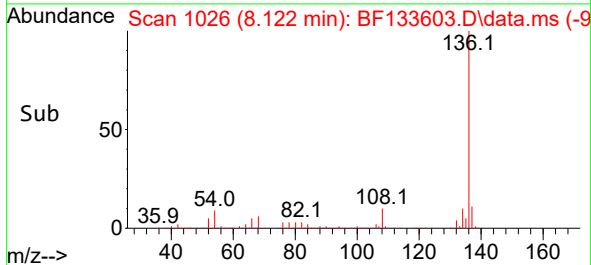
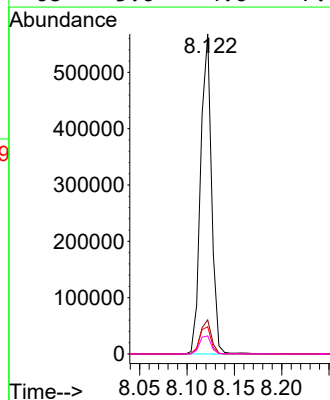
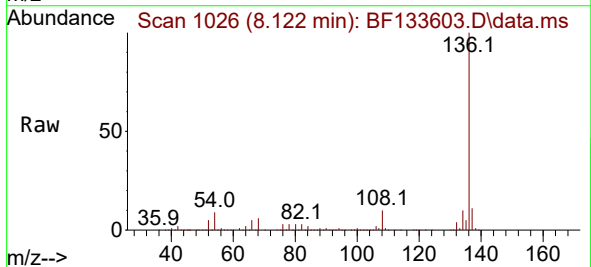
Instrument :
BNA_F
ClientSampleId :
MW-48

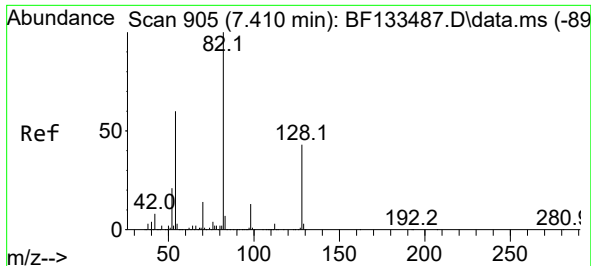
Tgt Ion: 70	Resp: 95374
Ion Ratio	Lower Upper
70 100	
42 54.9	57.2 85.8#
101 0.0	7.3 10.9#
130 2.0	15.0 22.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF133603.D
Acq: 06 Jun 2023 21:26

Tgt Ion: 136	Resp: 455100
Ion Ratio	Lower Upper
136 100	
137 10.6	8.2 12.4
54 8.5	6.6 10.0
68 5.6	4.6 7.0





#23

Nitrobenzene-d5

Concen: 101.194 ng

RT: 7.404 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF133603.D

Acq: 06 Jun 2023 21:26

Instrument :

BNA_F

ClientSampleId :

MW-48

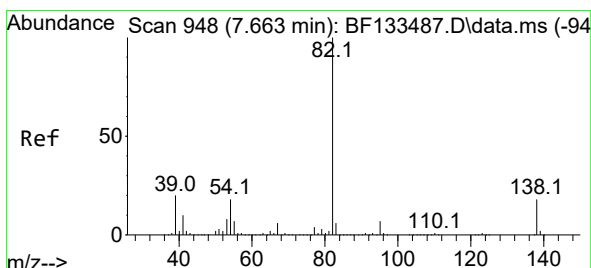
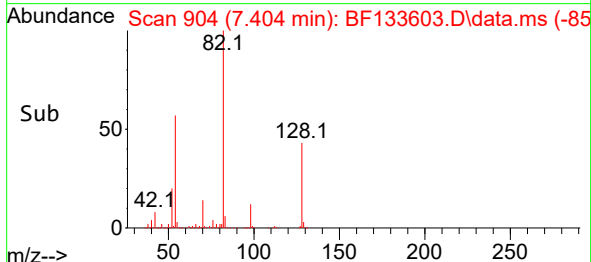
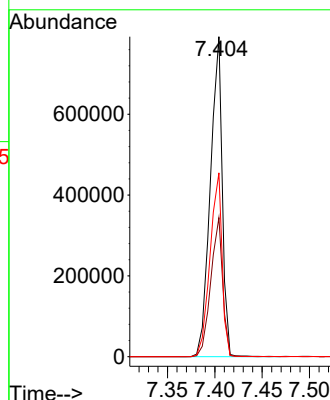
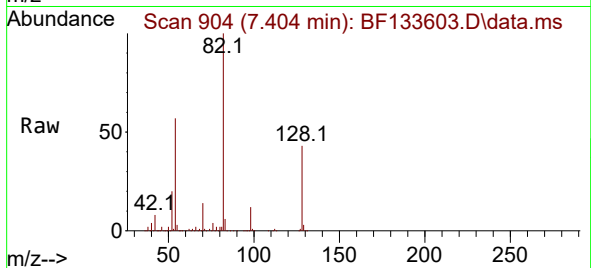
Tgt Ion: 82 Resp: 689746

Ion Ratio Lower Upper

82 100

128 43.4 34.2 51.4

54 57.5 48.2 72.4



#25

Isophorone

Concen: 43.419 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.253 min

Lab File: BF133603.D

Acq: 06 Jun 2023 21:26

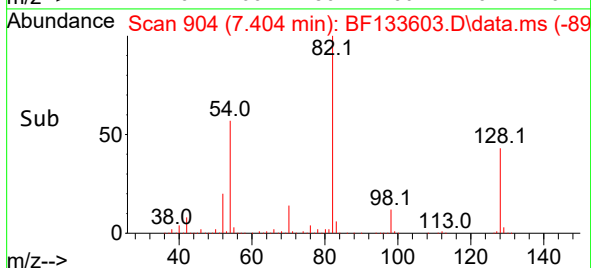
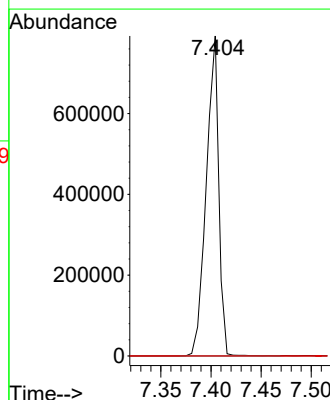
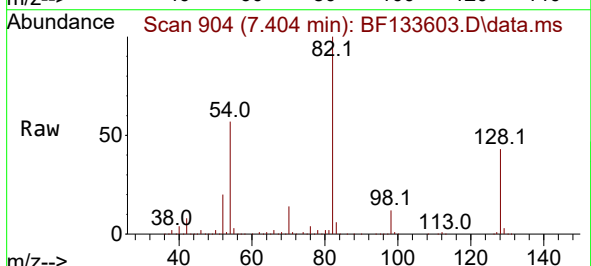
Tgt Ion: 82 Resp: 689734

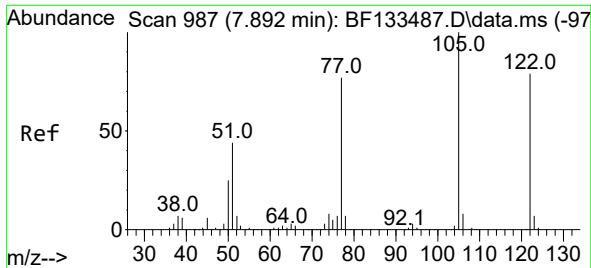
Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 14.2 21.4#

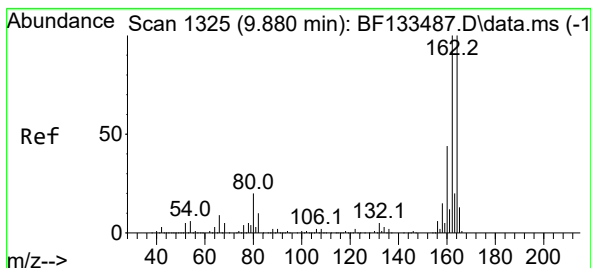
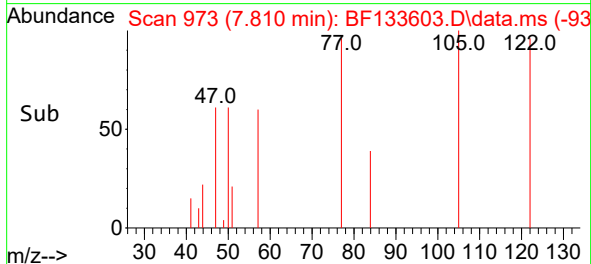
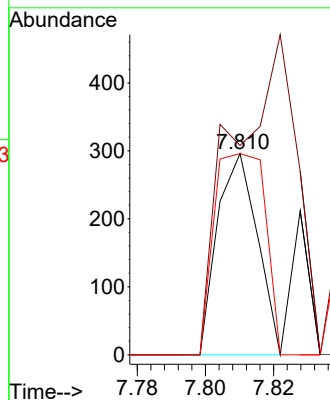
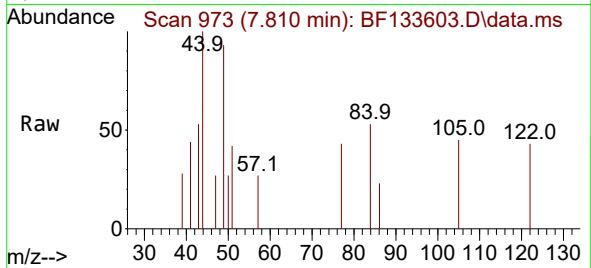




#32
Benzoic acid
Concen: 7.395 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.076 min
Lab File: BF133603.D
Acq: 06 Jun 2023 21:26

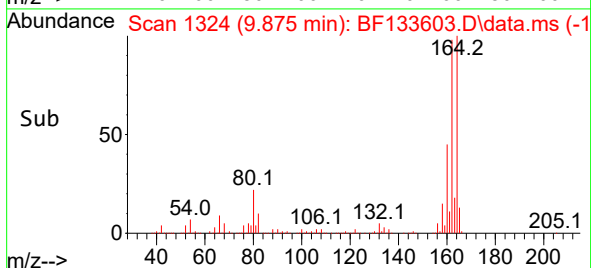
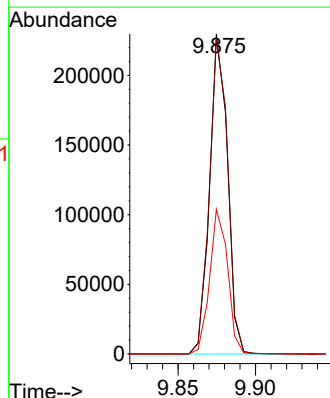
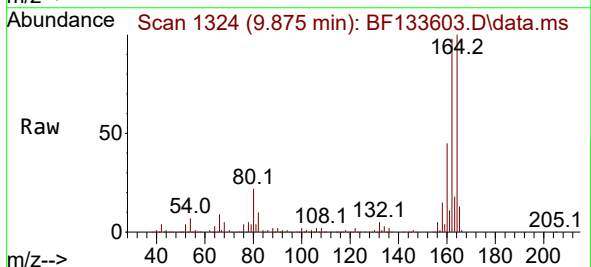
Instrument :
BNA_F
ClientSampleId :
MW-48

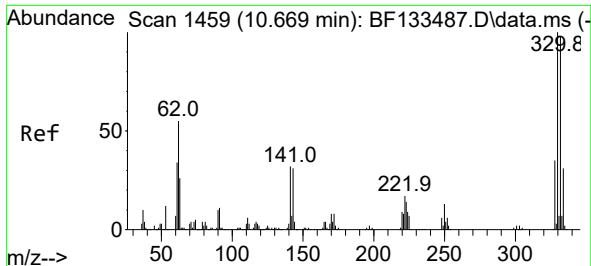
Tgt Ion:122 Resp: 240
Ion Ratio Lower Upper
122 100
105 104.1 103.3 143.3
77 100.0 75.7 115.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF133603.D
Acq: 06 Jun 2023 21:26

Tgt Ion:164 Resp: 183534
Ion Ratio Lower Upper
164 100
162 98.3 79.7 119.5
160 45.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 130.746 ng

RT: 10.669 min Scan# 1459

Delta R.T. 0.000 min

Lab File: BF133603.D

Acq: 06 Jun 2023 21:26

Instrument :

BNA_F

ClientSampleId :

MW-48

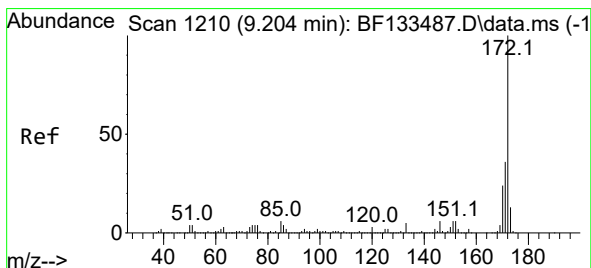
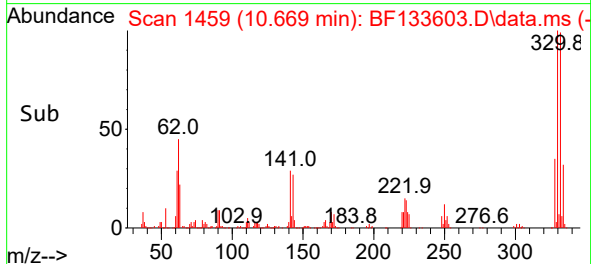
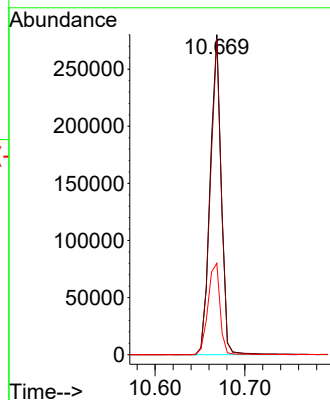
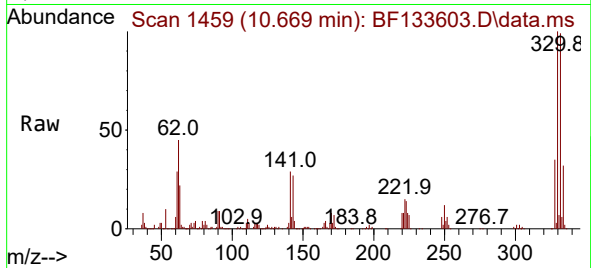
Tgt Ion:330 Resp: 239199

Ion Ratio Lower Upper

330 100

332 97.6 77.8 116.6

141 31.2 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 98.848 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF133603.D

Acq: 06 Jun 2023 21:26

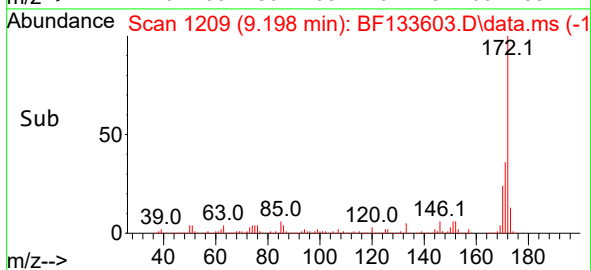
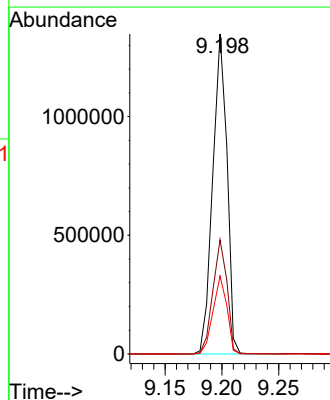
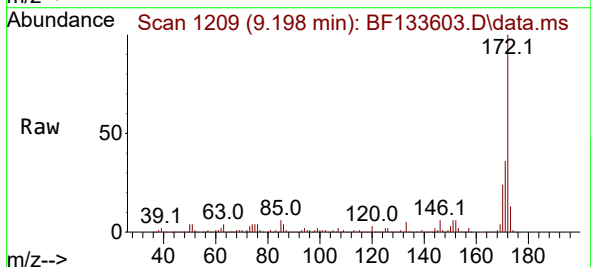
Tgt Ion:172 Resp: 1175428

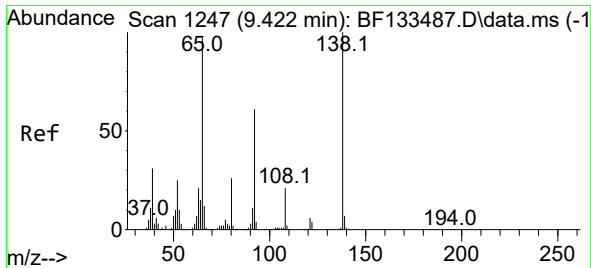
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 24.3 19.3 28.9

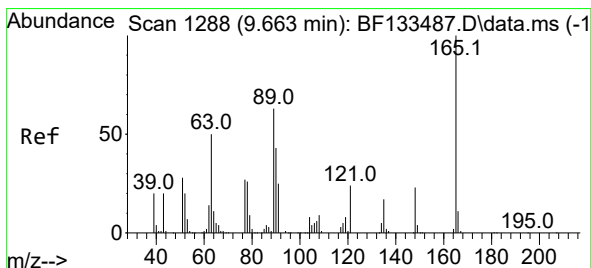
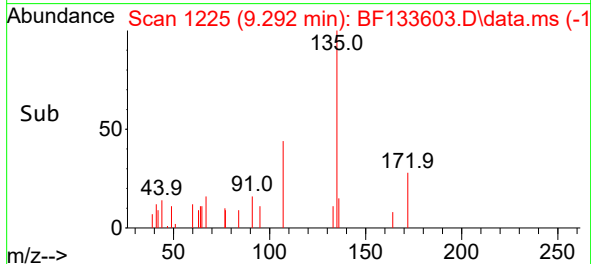
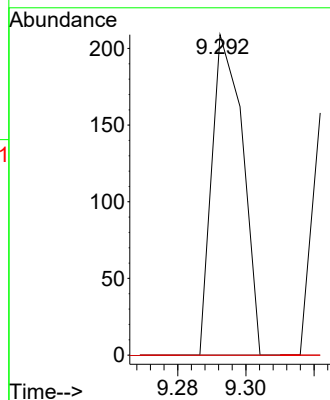
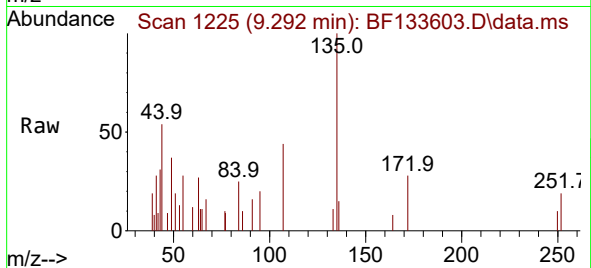




#48
 2-Nitroaniline
 Concen: 4.025 ng
 RT: 9.292 min Scan# 11
 Delta R.T. -0.123 min
 Lab File: BF133603.D
 Acq: 06 Jun 2023 21:26

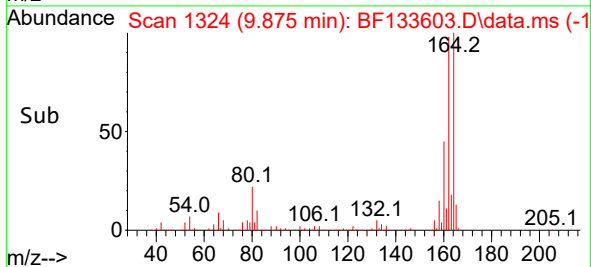
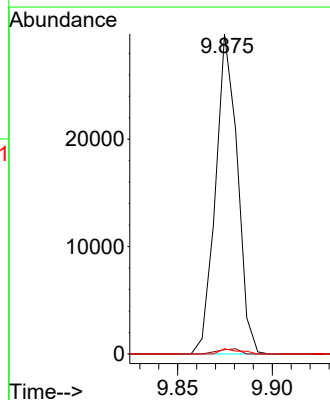
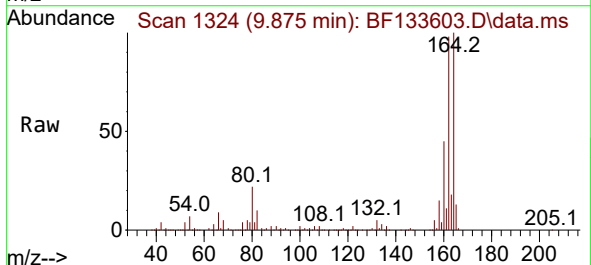
Instrument :
 BNA_F
 ClientSampleId :
 MW-48

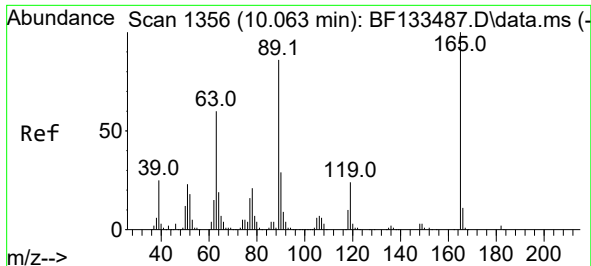
Tgt Ion: 65 Resp: 131
 Ion Ratio Lower Upper
 65 100
 92 0.0 50.8 76.2#
 138 0.0 82.6 124.0#



#51
 2,6-Dinitrotoluene
 Concen: 12.678 ng
 RT: 9.875 min Scan# 1324
 Delta R.T. 0.212 min
 Lab File: BF133603.D
 Acq: 06 Jun 2023 21:26

Tgt Ion: 165 Resp: 23896
 Ion Ratio Lower Upper
 165 100
 63 1.3 57.0 85.4#
 89 1.6 50.8 76.2#

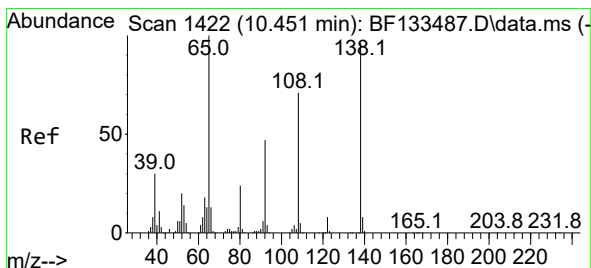
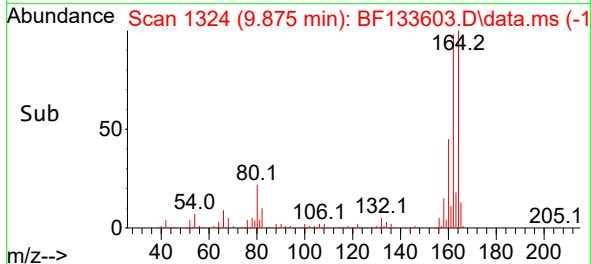
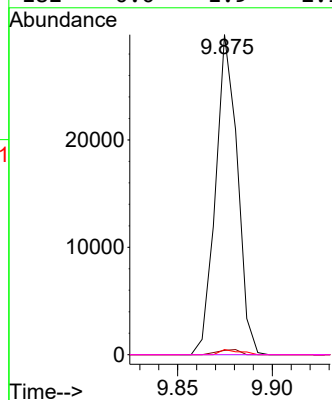
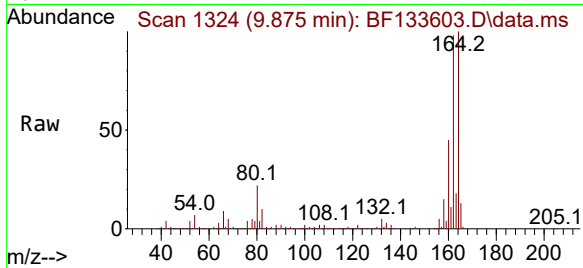




#57
2,4-Dinitrotoluene
Concen: 11.820 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF133603.D
Acq: 06 Jun 2023 21:26

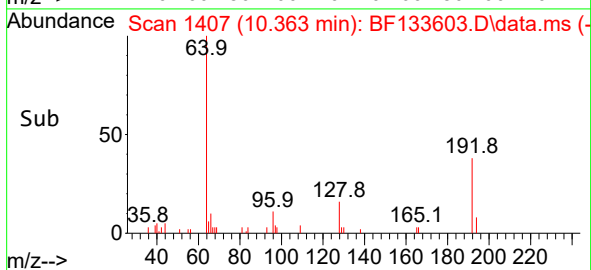
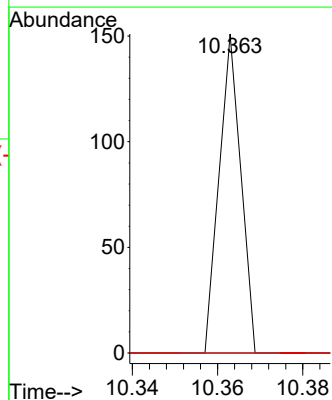
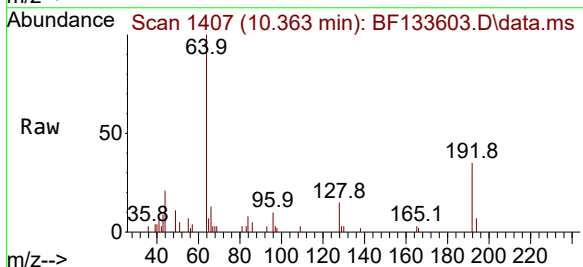
Instrument :
BNA_F
ClientSampleId :
MW-48

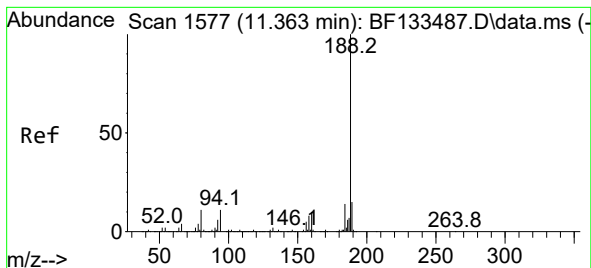
Tgt Ion:165 Resp: 23896
Ion Ratio Lower Upper
165 100
63 1.3 48.1 72.1#
89 1.6 68.4 102.6#
182 0.0 1.9 2.9#



#62
4-Nitroaniline
Concen: 3.001 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.082 min
Lab File: BF133603.D
Acq: 06 Jun 2023 21:26

Tgt Ion:138 Resp: 53
Ion Ratio Lower Upper
138 100
92 0.0 28.4 68.4#
108 0.0 54.2 94.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133603.D

Acq: 06 Jun 2023 21:26

Instrument :

BNA_F

ClientSampleId :

MW-48

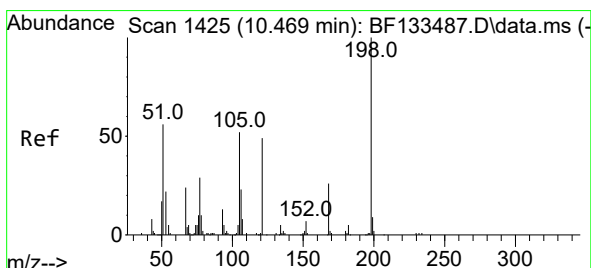
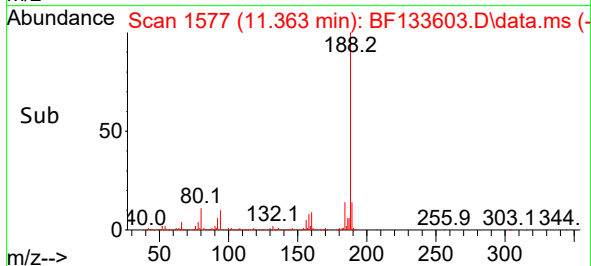
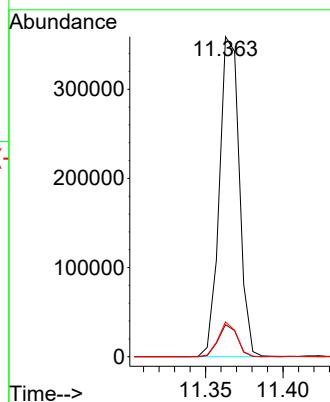
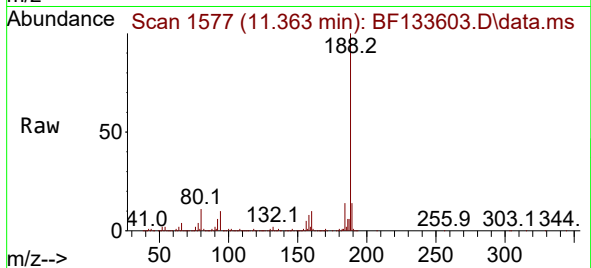
Tgt Ion:188 Resp: 320726

Ion Ratio Lower Upper

188 100

94 10.0 8.6 12.8

80 10.9 9.2 13.8



#65

4,6-Dinitro-2-methylphenol

Concen: 9.089 ng

RT: 10.669 min Scan# 1459

Delta R.T. 0.194 min

Lab File: BF133603.D

Acq: 06 Jun 2023 21:26

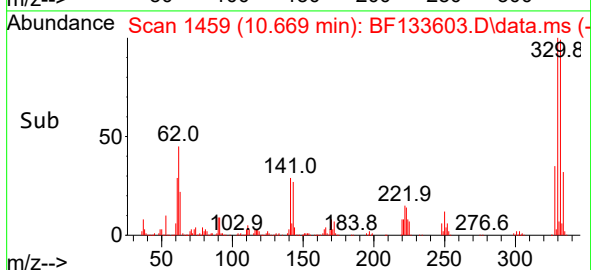
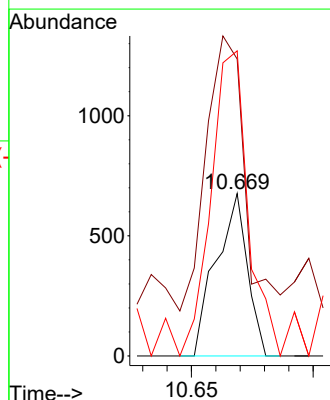
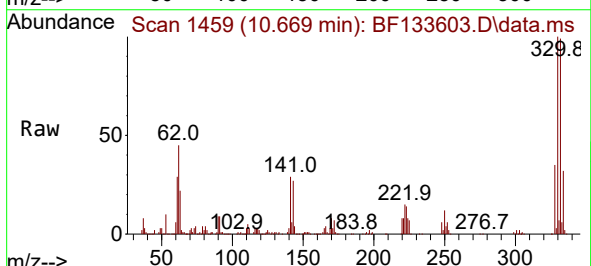
Tgt Ion:198 Resp: 604

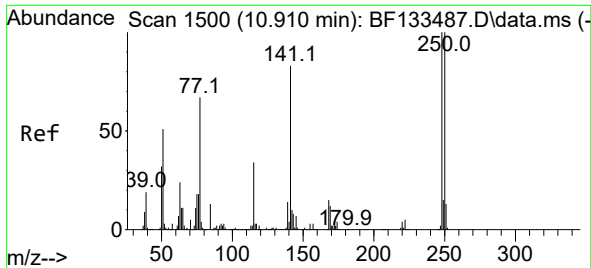
Ion Ratio Lower Upper

198 100

51 182.8 53.6 93.6#

105 187.9 35.9 75.9#

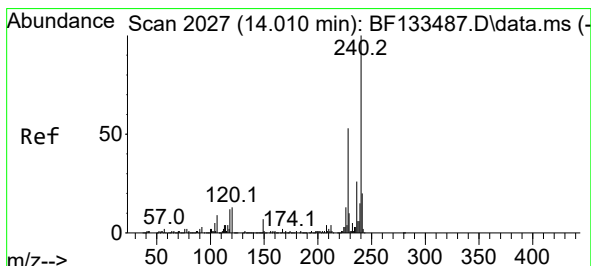
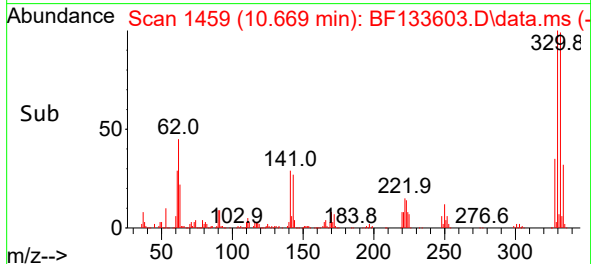
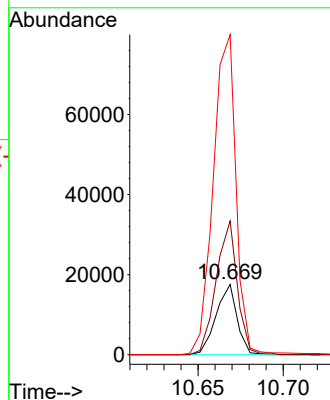
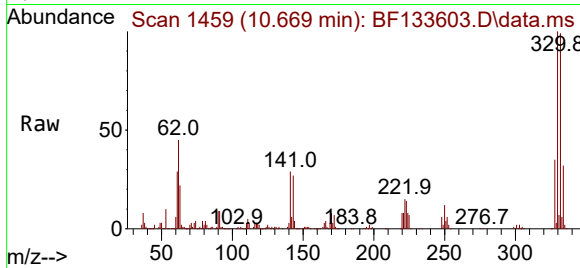




#67
4-Bromophenyl-phenylether
Concen: 4.424 ng
RT: 10.669 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF133603.D
Acq: 06 Jun 2023 21:26

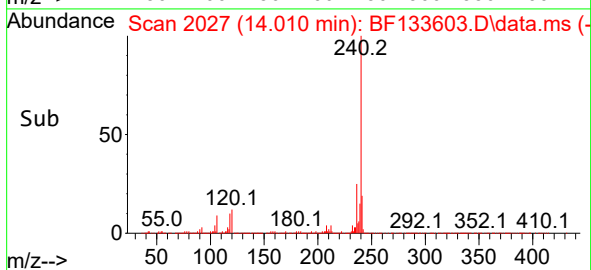
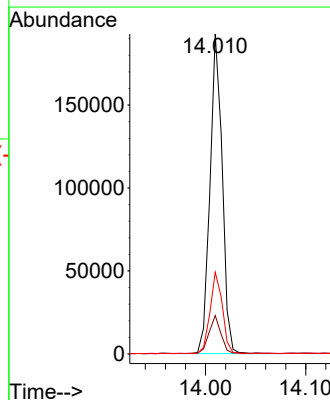
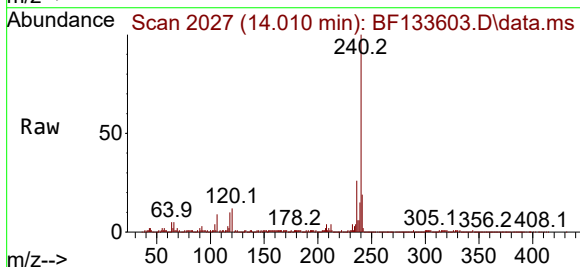
Instrument :
BNA_F
ClientSampleId :
MW-48

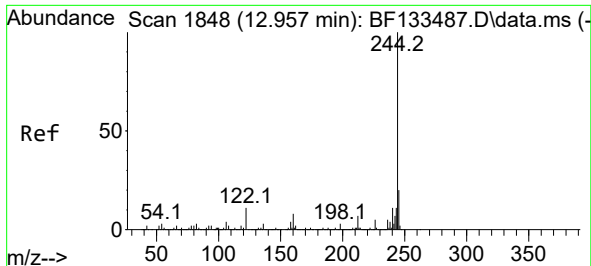
Tgt Ion:248 Resp: 15067
Ion Ratio Lower Upper
248 100
250 190.1 79.7 119.5#
141 455.1 66.6 100.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF133603.D
Acq: 06 Jun 2023 21:26

Tgt Ion:240 Resp: 164148
Ion Ratio Lower Upper
240 100
120 12.0 10.3 15.5
236 25.6 20.5 30.7

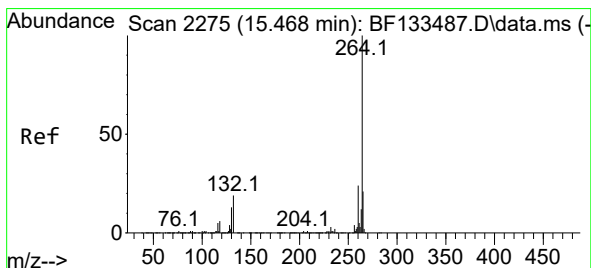
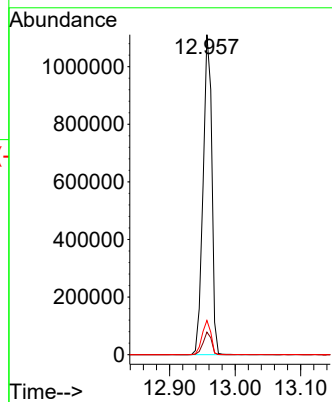
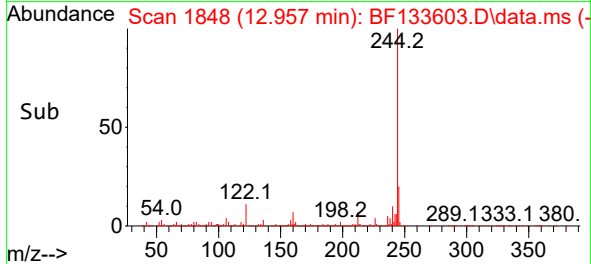
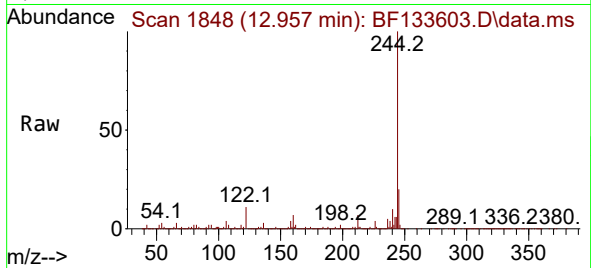




#79
 Terphenyl-d14
 Concen: 111.687 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: BF133603.D
 Acq: 06 Jun 2023 21:26

Instrument :
 BNA_F
 ClientSampleId :
 MW-48

Tgt Ion:244 Resp: 1031124
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 10.7 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2277
 Delta R.T. 0.012 min
 Lab File: BF133603.D
 Acq: 06 Jun 2023 21:26

Tgt Ion:264 Resp: 141875
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 21.6 16.8 25.2

