

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060623\
 Data File : BF133612.D
 Acq On : 07 Jun 2023 03:43
 Operator : CG\JU
 Sample : 03002-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC02

Quant Time: Jun 07 04:30:16 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	6.834	152	123580	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	428179	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	178349	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	257936	20.000	ng	0.01
76) Chrysene-d12	14.039	240	93314	20.000	ng	0.03
86) Perylene-d12	15.509	264	122947	20.000	ng	# 0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	580412	78.362	ng	0.00
7) Phenol-d6	6.463	99	701750	76.964	ng	0.00
23) Nitrobenzene-d5	7.398	82	425973	66.425	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	131258	73.831	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	744573	64.436	ng	0.00
79) Terphenyl-d14	12.963	244	551838	105.146	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.386	77	1272	Below Cal	#	23
19) n-Nitroso-di-n-propyla...	7.398	70	62133	10.532	ng	# 77
25) Isophorone	7.398	82	423502	28.336	ng	# 65
26) 2-Nitrophenol	7.669	139	71	4.762	ng	# 1
31) Naphthalene	8.139	128	710016	34.203	ng	99
32) Benzoic acid	7.898	122	2922	7.940	ng	# 1
33) 4-Chloroaniline	8.139	127	95233	10.704	ng	# 31
37) 2-Methylnaphthalene	8.839	142	860131	60.687	ng	96
38) 1-Methylnaphthalene	8.933	142	793805	60.082	ng	99
46) 1,1'-Biphenyl	9.298	154	230020	15.874	ng	98
48) 2-Nitroaniline	9.392	65	6783	5.835	ng	# 30
49) Acenaphthylene	9.739	152	264133	14.739	ng	# 87
51) 2,6-Dinitrotoluene	9.569	165	3385	4.994	ng	# 1
52) Acenaphthene	9.916	154	1071253	98.681	ng	98
53) 3-Nitroaniline	9.827	138	1151	3.539	ng	# 39
54) 2,4-Dinitrophenol	9.927	184	319	6.867	ng	# 1
55) Dibenzofuran	10.086	168	1283688	79.481	ng	96
56) 4-Nitrophenol	9.980	139	21637	10.089	ng	# 27
57) 2,4-Dinitrotoluene	10.080	165	10916	8.071	ng	# 1
58) Fluorene	10.439	166	1896287	160.255	ng	97
62) 4-Nitroaniline	10.333	138	852	3.250	ng	81
63) Azobenzene	10.592	77	68934	5.292	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.486	198	363	8.993	ng	# 1
66) n-Nitrosodiphenylamine	10.539	169	92007	10.987	ng	# 39
67) 4-Bromophenyl-phenylether	10.669	248	7835	2.860	ng	# 1
71) Phenanthrene	11.433	178	7431010	568.805	ng	98
72) Anthracene	11.433	178	7431010	552.672	ng	97
73) Carbazole	11.604	167	872851	68.644	ng	99
75) Fluoranthene	12.627	202	7379131	511.358	ng	95
78) Pyrene	12.857	202	5999058	755.491	ng	95
81) Benzo(a)anthracene	14.033	228	3281185	527.838	ng	97
83) Chrysene	14.033	228	3281185	522.864	ng	97
84) Bis(2-ethylhexyl)phtha...	14.004	149	13394	3.411	ng	# 85
87) Indeno(1,2,3-cd)pyrene	17.003	276	1088550	138.996	ng	94
88) Benzo(b)fluoranthene	15.098	252	3916836	489.239	ng	97
89) Benzo(k)fluoranthene	15.098	252	3916836	501.747	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060623\
Data File : BF133612.D
Acq On : 07 Jun 2023 03:43
Operator : CG\JU
Sample : 03002-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC02

Quant Time: Jun 07 04:30:16 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

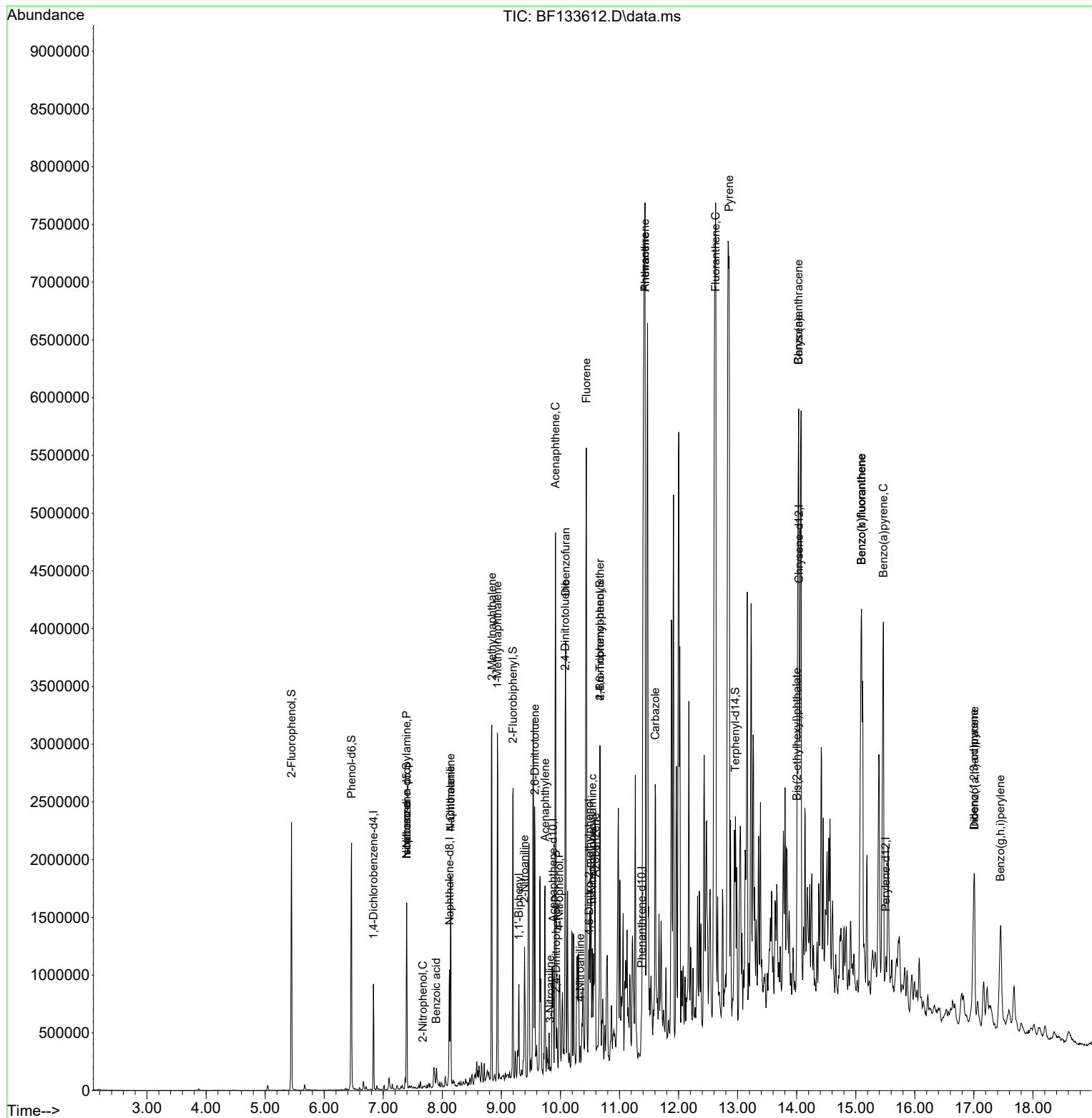
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Benzo(a)pyrene	15.468	252	2246430	308.366	ng	94
91) Dibenzo(a,h)anthracene	17.009	278	289801	45.641	ng #	90
92) Benzo(g,h,i)perylene	17.450	276	992939	155.086	ng	99

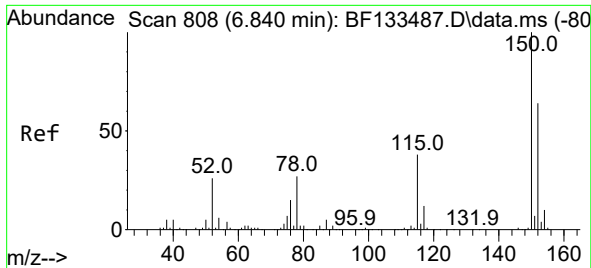
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060623\
Data File : BF133612.D
Acq On : 07 Jun 2023 03:43
Operator : CG\JU
Sample : 03002-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC02

Quant Time: Jun 07 04:30:16 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

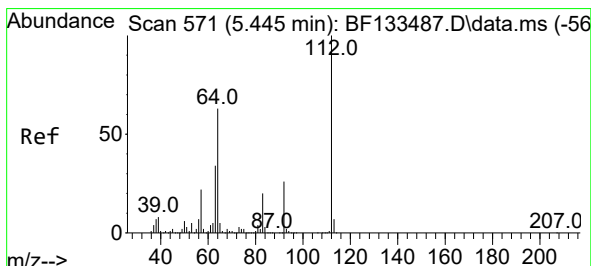
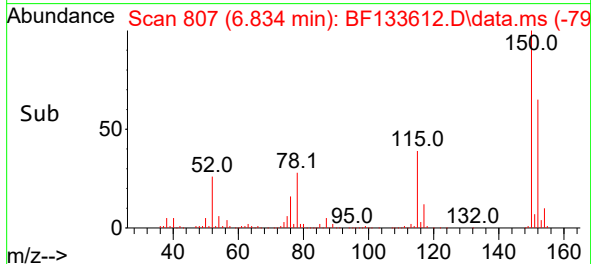
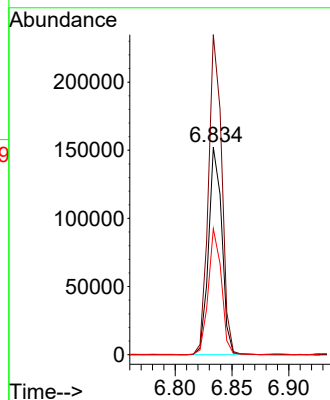
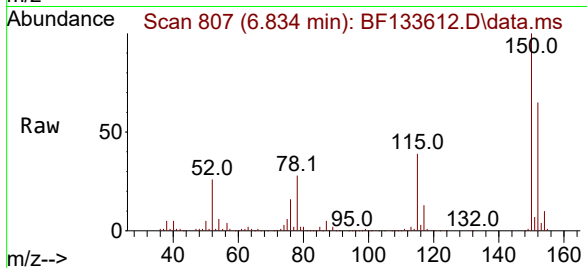




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 808
 Delta R.T. -0.000 min
 Lab File: BF133612.D
 Acq: 07 Jun 2023 03:43

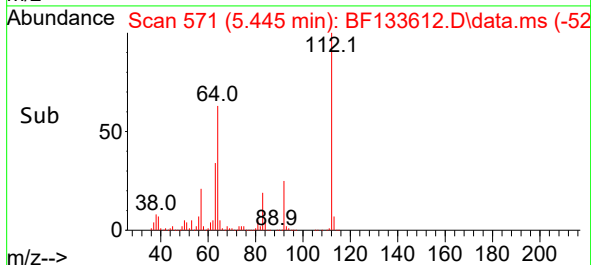
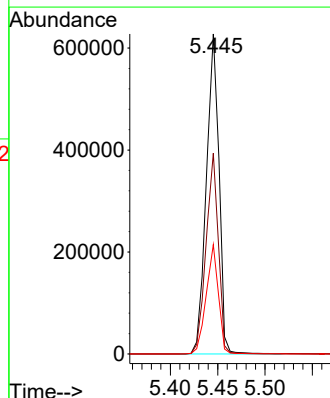
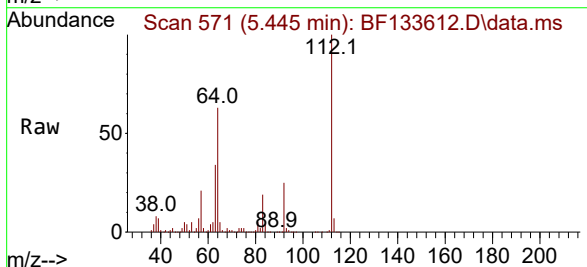
Instrument :
 BNA_F
 ClientSampleId :
 WC02

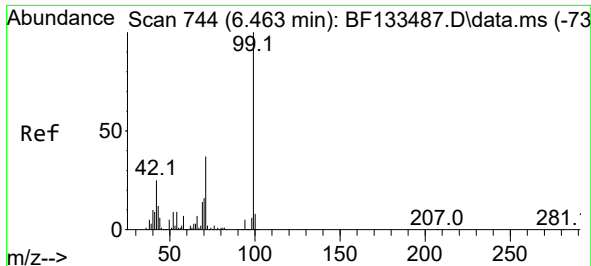
Tgt Ion:152 Resp: 123580
 Ion Ratio Lower Upper
 152 100
 150 154.2 124.9 187.3
 115 60.7 48.1 72.1



#5
 2-Fluorophenol
 Concen: 78.362 ng
 RT: 5.445 min Scan# 571
 Delta R.T. 0.000 min
 Lab File: BF133612.D
 Acq: 07 Jun 2023 03:43

Tgt Ion:112 Resp: 580412
 Ion Ratio Lower Upper
 112 100
 64 62.8 50.1 75.1
 63 34.2 27.5 41.3

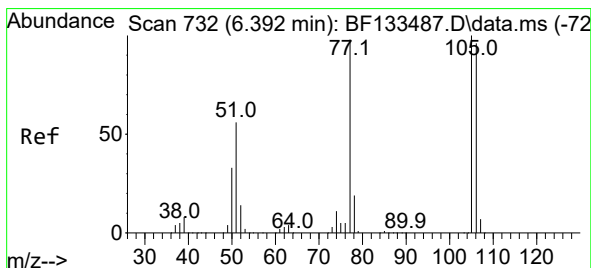
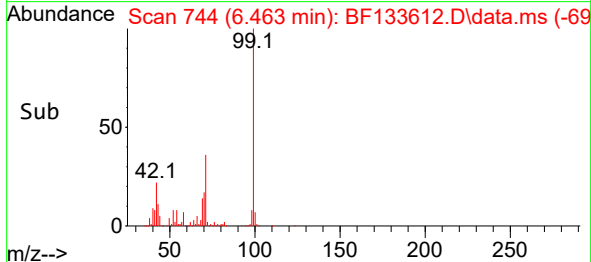
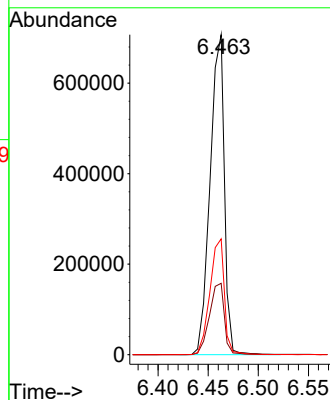
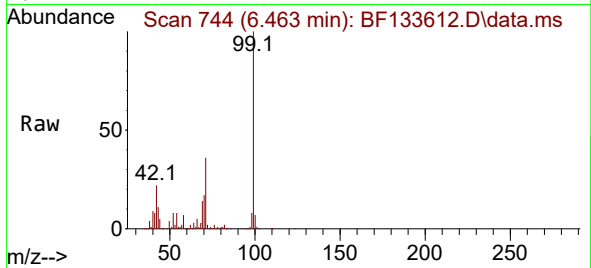




#7
Phenol-d6
Concen: 76.964 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF133612.D
Acq: 07 Jun 2023 03:43

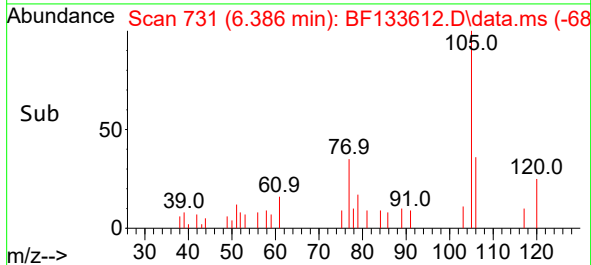
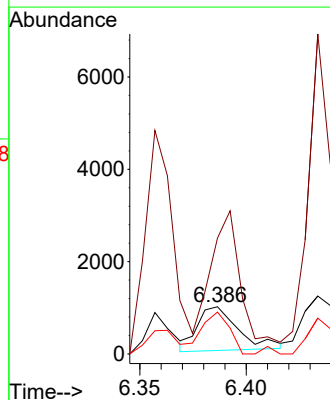
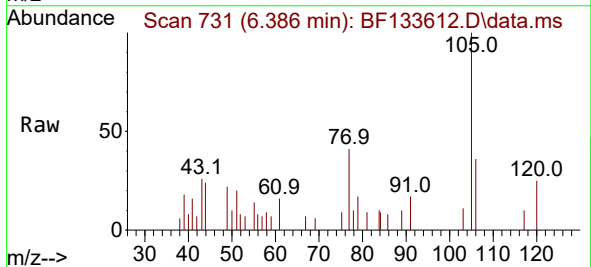
Instrument :
BNA_F
ClientSampleId :
WC02

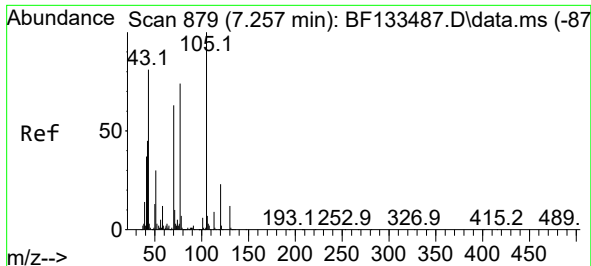
Tgt Ion: 99 Resp: 701750
Ion Ratio Lower Upper
99 100
42 22.3 19.7 29.5
71 36.2 29.8 44.8



#9
Benzaldehyde
Concen: Below Cal
RT: 6.386 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF133612.D
Acq: 07 Jun 2023 03:43

Tgt Ion: 77 Resp: 1272
Ion Ratio Lower Upper
77 100
105 245.9 81.9 121.9#
106 88.8 77.8 117.8





#19

n-Nitroso-di-n-propylamine

Concen: 10.532 ng

RT: 7.398 min Scan# 90

Delta R.T. 0.147 min

Lab File: BF133612.D

Acq: 07 Jun 2023 03:43

Instrument :

BNA_F

ClientSampleId :

WC02

Tgt Ion: 70 Resp: 62133

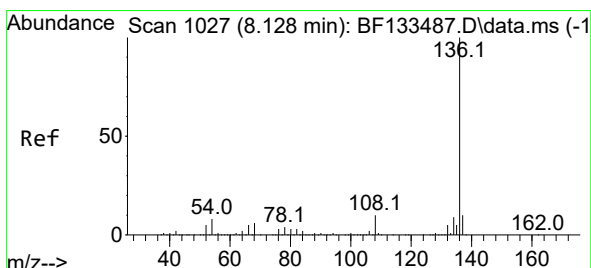
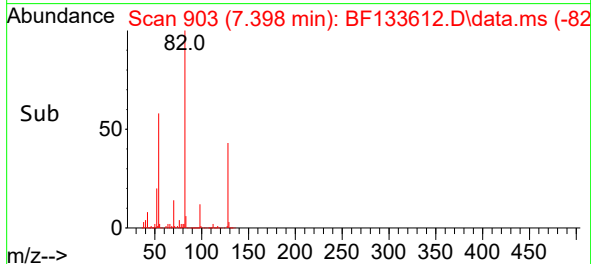
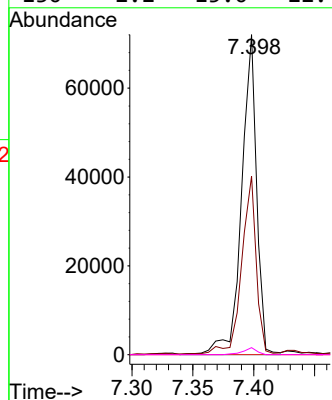
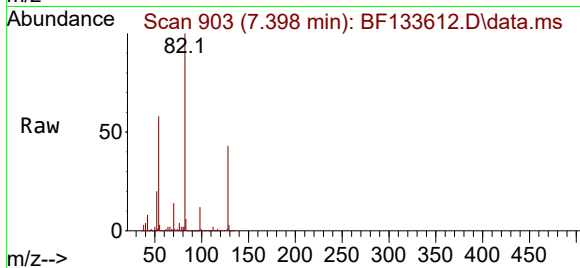
Ion Ratio Lower Upper

70 100

42 55.8 57.2 85.8#

101 0.0 7.3 10.9#

130 2.2 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: BF133612.D

Acq: 07 Jun 2023 03:43

Tgt Ion: 136 Resp: 428179

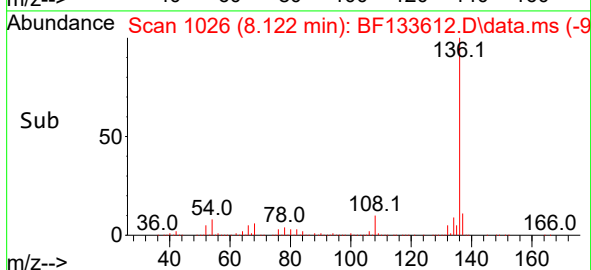
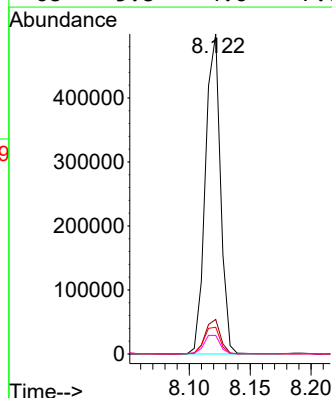
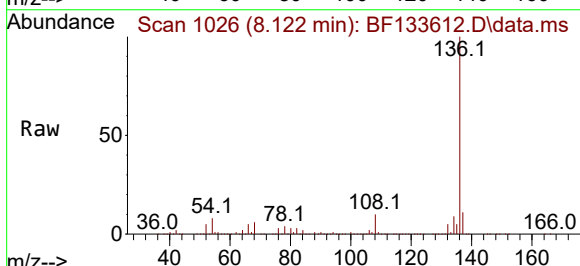
Ion Ratio Lower Upper

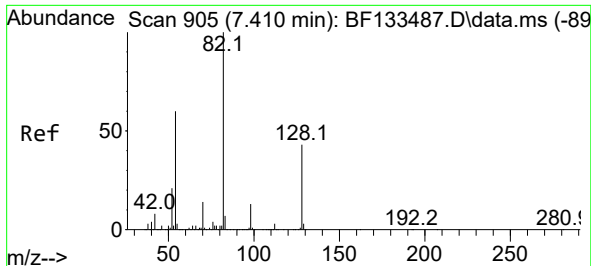
136 100

137 10.8 8.2 12.4

54 8.3 6.6 10.0

68 5.8 4.6 7.0





#23

Nitrobenzene-d5

Concen: 66.425 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF133612.D

Acq: 07 Jun 2023 03:43

Instrument :

BNA_F

ClientSampleId :

WC02

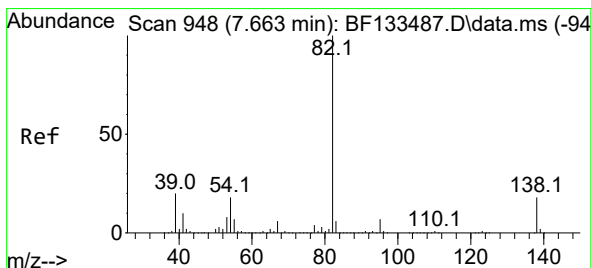
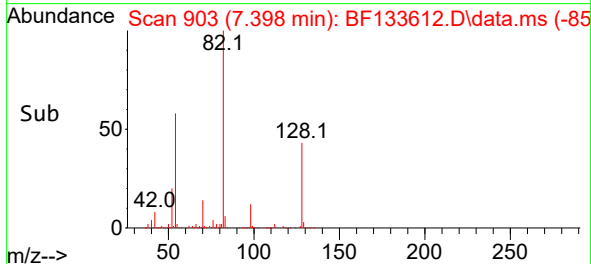
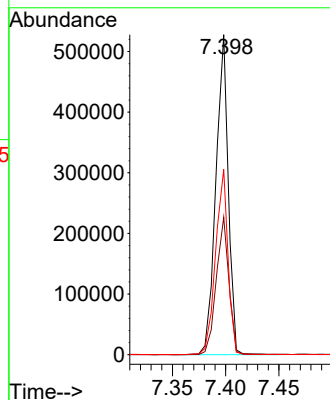
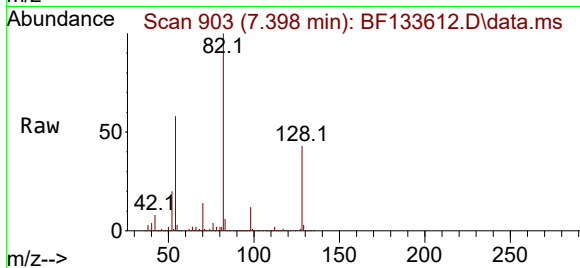
Tgt Ion: 82 Resp: 425973

Ion Ratio Lower Upper

82 100

128 43.0 34.2 51.4

54 57.9 48.2 72.4



#25

Isophorone

Concen: 28.336 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.259 min

Lab File: BF133612.D

Acq: 07 Jun 2023 03:43

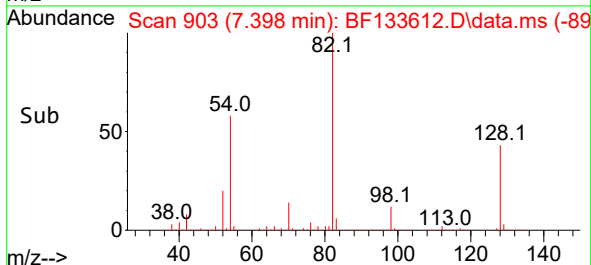
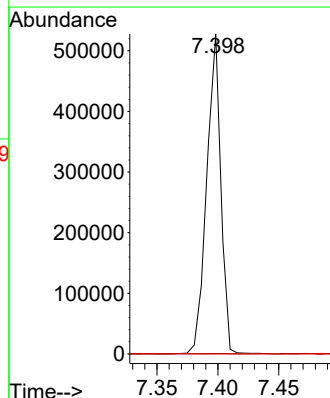
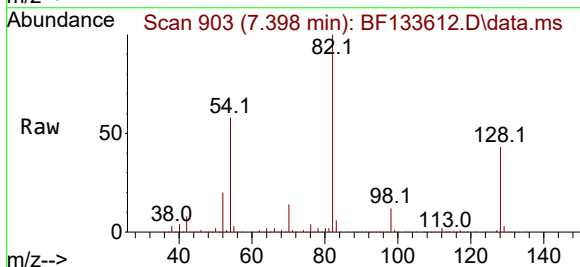
Tgt Ion: 82 Resp: 423502

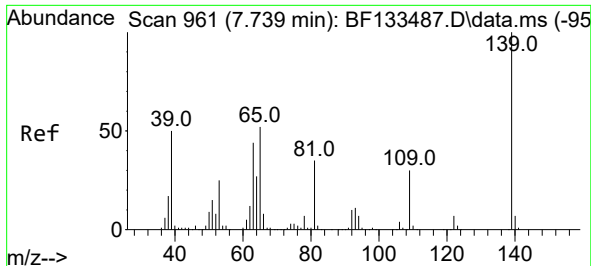
Ion Ratio Lower Upper

82 100

95 0.1 5.7 8.5#

138 0.0 14.2 21.4#

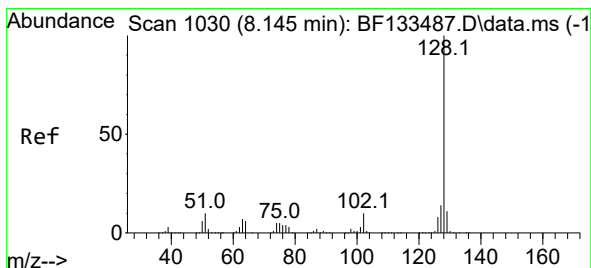
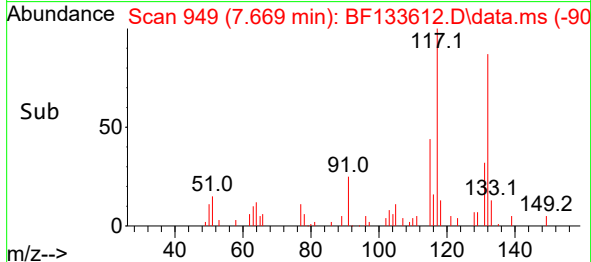
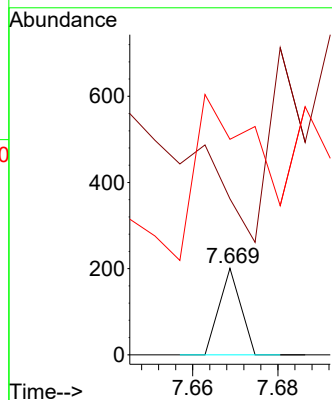
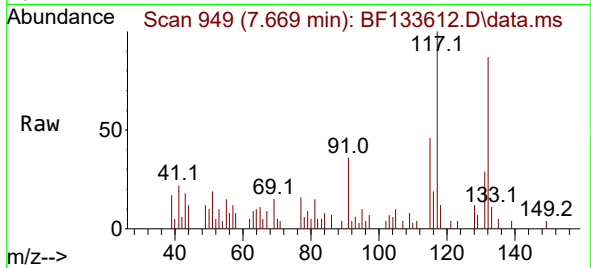




#26
2-Nitrophenol
Concen: 4.762 ng
RT: 7.669 min Scan# 94
Delta R.T. -0.065 min
Lab File: BF133612.D
Acq: 07 Jun 2023 03:43

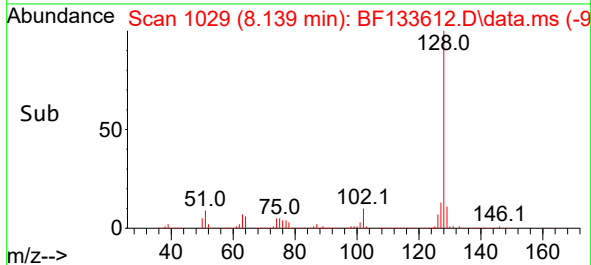
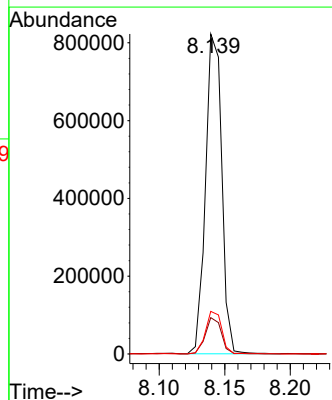
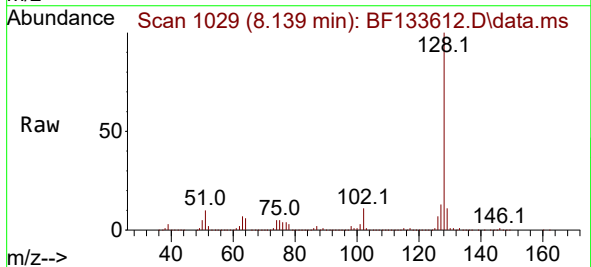
Instrument :
BNA_F
ClientSampleId :
WC02

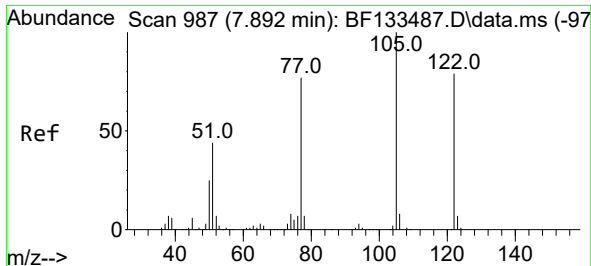
Tgt Ion:139 Resp: 71
Ion Ratio Lower Upper
139 100
109 180.1 24.0 36.0#
65 248.8 41.7 62.5#



#31
Naphthalene
Concen: 34.203 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF133612.D
Acq: 07 Jun 2023 03:43

Tgt Ion:128 Resp: 710016
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.3 10.9 16.3

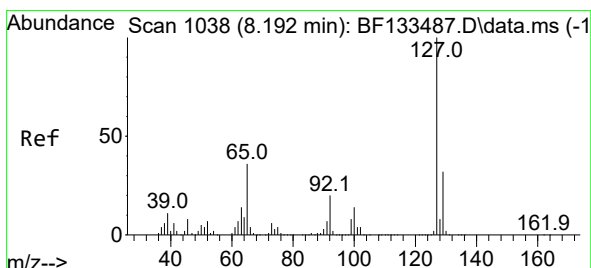
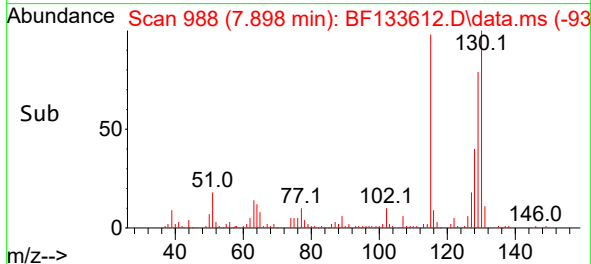
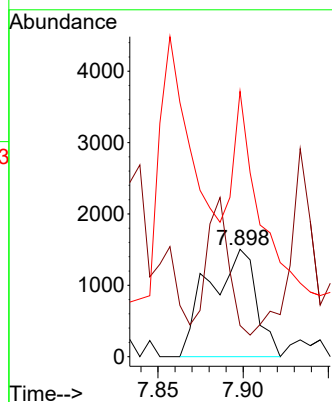
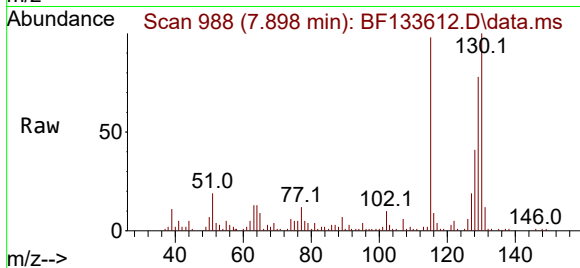




#32
Benzoic acid
Concen: 7.940 ng
RT: 7.898 min Scan# 91
Delta R.T. 0.012 min
Lab File: BF133612.D
Acq: 07 Jun 2023 03:43

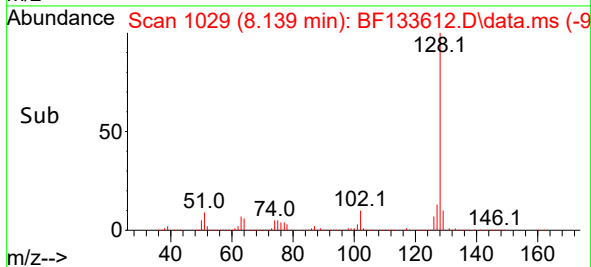
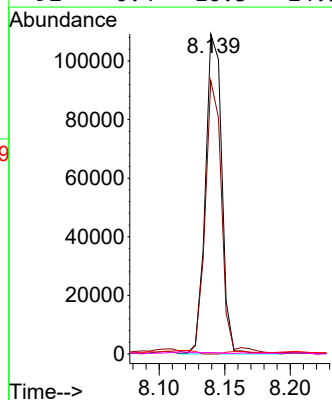
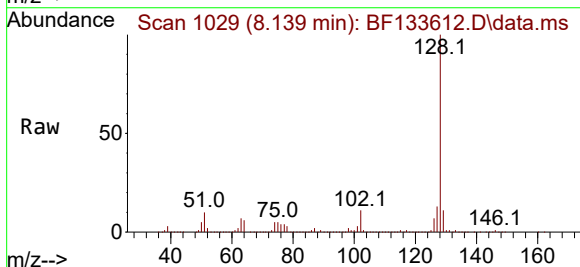
Instrument :
BNA_F
ClientSampleId :
WC02

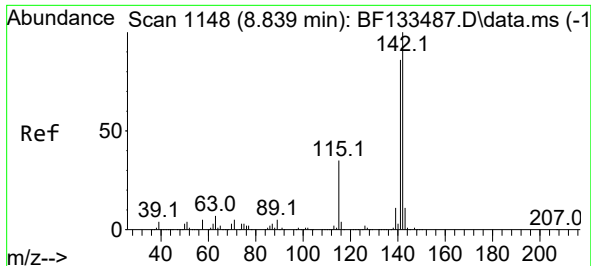
Tgt Ion:122 Resp: 2922
Ion Ratio Lower Upper
122 100
105 29.1 103.3 143.3#
77 247.2 75.7 115.7#



#33
4-Chloroaniline
Concen: 10.704 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.053 min
Lab File: BF133612.D
Acq: 07 Jun 2023 03:43

Tgt Ion:127 Resp: 95233
Ion Ratio Lower Upper
127 100
129 85.5 25.9 38.9#
65 0.0 29.0 43.6#
92 0.4 16.3 24.5#

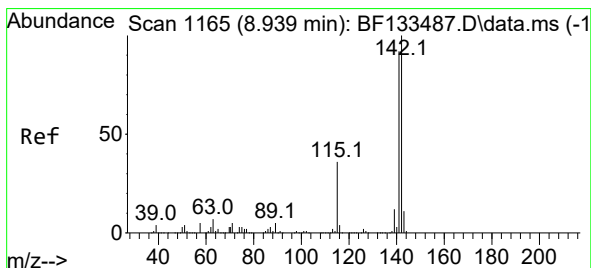
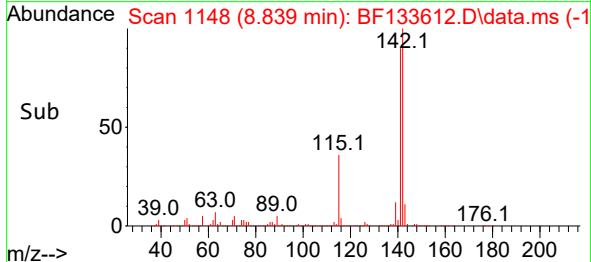
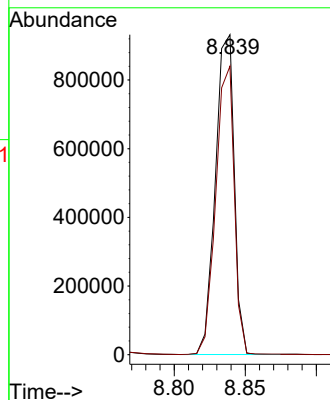
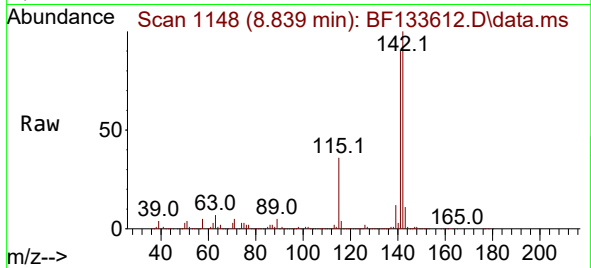




#37
2-Methylnaphthalene
Concen: 60.687 ng
RT: 8.839 min Scan# 1148
Delta R.T. 0.006 min
Lab File: BF133612.D
Acq: 07 Jun 2023 03:43

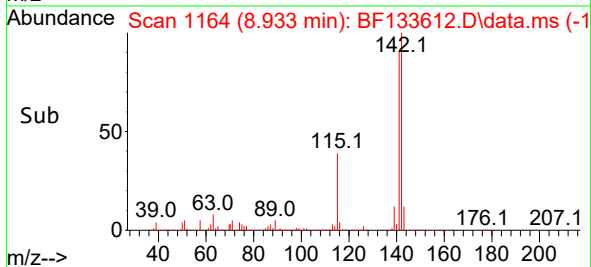
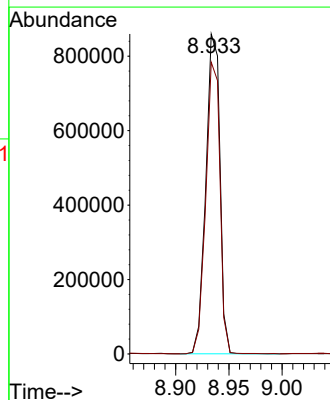
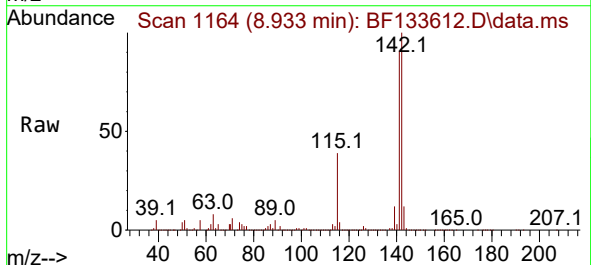
Instrument :
BNA_F
ClientSampleId :
WC02

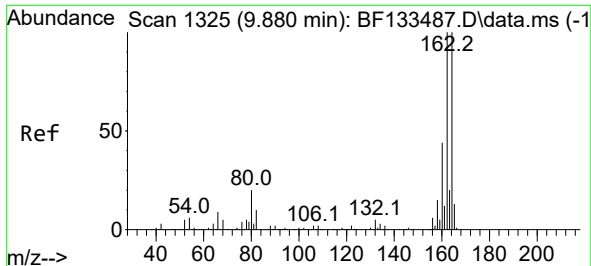
Tgt Ion:142 Resp: 860131
Ion Ratio Lower Upper
142 100
141 90.2 69.2 103.8



#38
1-Methylnaphthalene
Concen: 60.082 ng
RT: 8.933 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF133612.D
Acq: 07 Jun 2023 03:43

Tgt Ion:142 Resp: 793805
Ion Ratio Lower Upper
142 100
141 91.1 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.874 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133612.D

Acq: 07 Jun 2023 03:43

Instrument :

BNA_F

ClientSampleId :

WC02

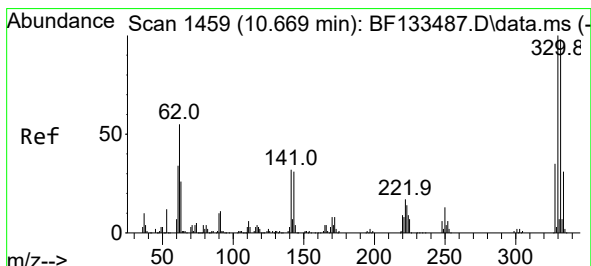
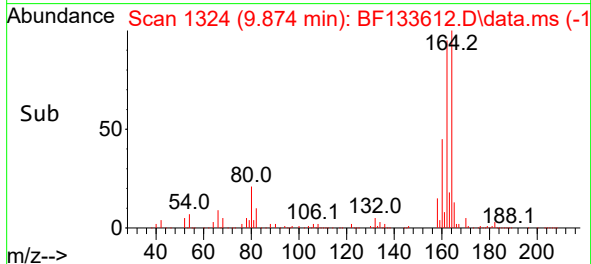
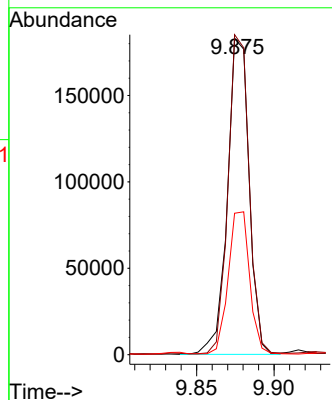
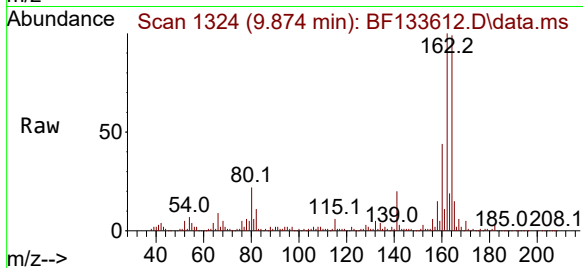
Tgt Ion:164 Resp: 178349

Ion Ratio Lower Upper

164 100

162 101.1 79.7 119.5

160 44.7 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 73.831 ng

RT: 10.669 min Scan# 1459

Delta R.T. 0.000 min

Lab File: BF133612.D

Acq: 07 Jun 2023 03:43

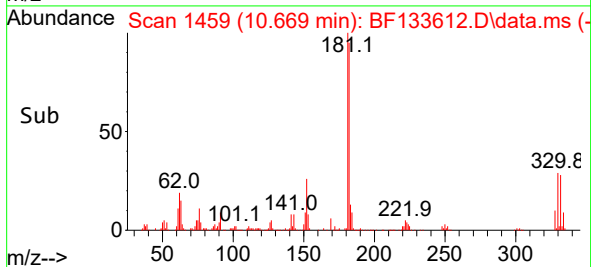
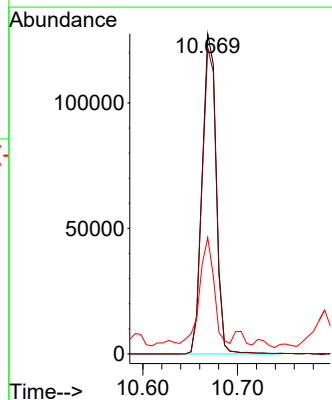
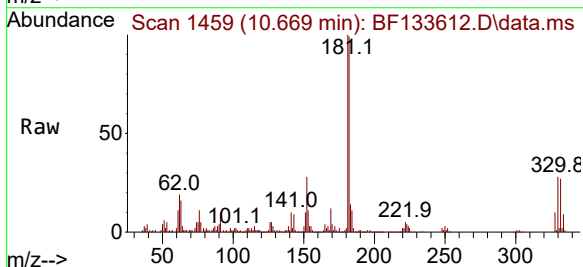
Tgt Ion:330 Resp: 131258

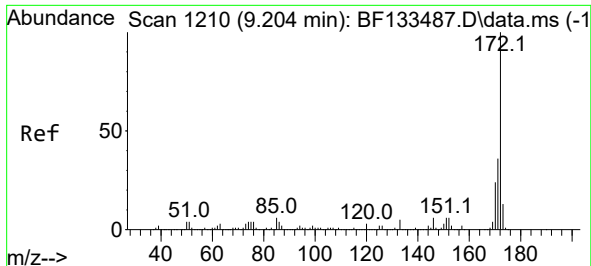
Ion Ratio Lower Upper

330 100

332 96.5 77.8 116.6

141 32.7 26.6 40.0





#45

2-Fluorobiphenyl

Concen: 64.436 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF133612.D

Acq: 07 Jun 2023 03:43

Instrument :

BNA_F

ClientSampleId :

WC02

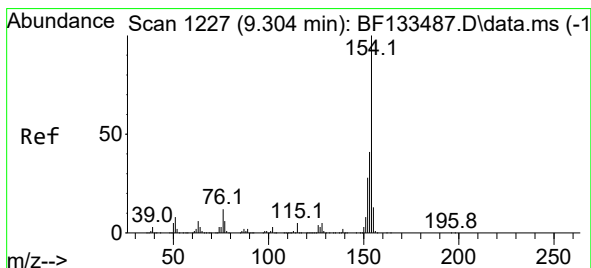
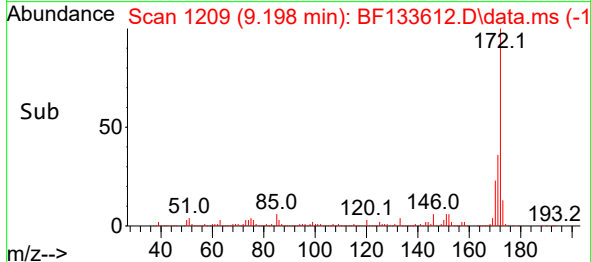
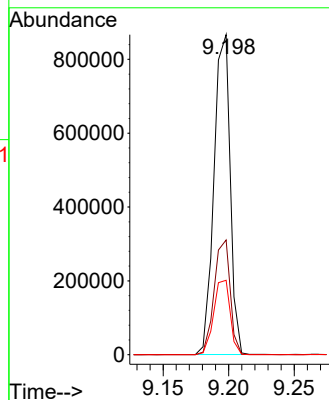
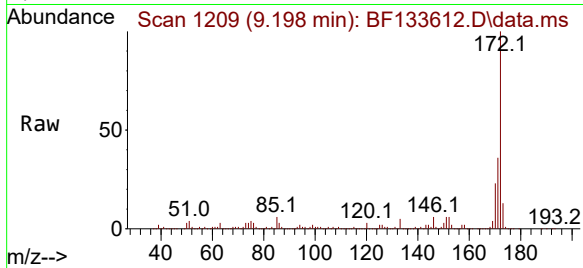
Tgt Ion:172 Resp: 744573

Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 23.3 19.3 28.9



#46

1,1'-Biphenyl

Concen: 15.874 ng

RT: 9.298 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BF133612.D

Acq: 07 Jun 2023 03:43

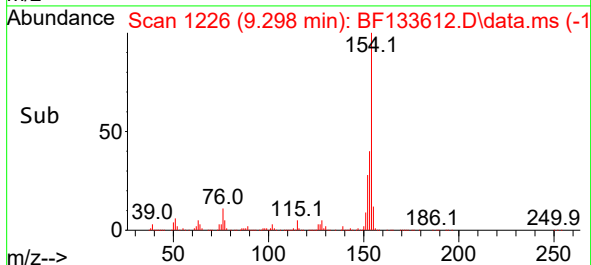
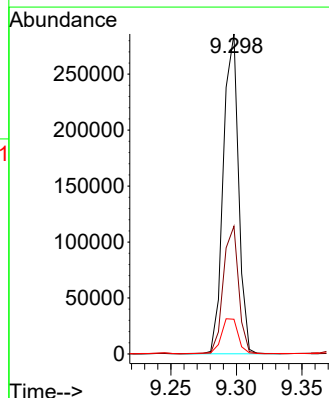
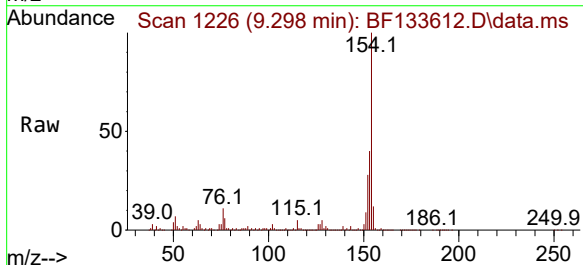
Tgt Ion:154 Resp: 230020

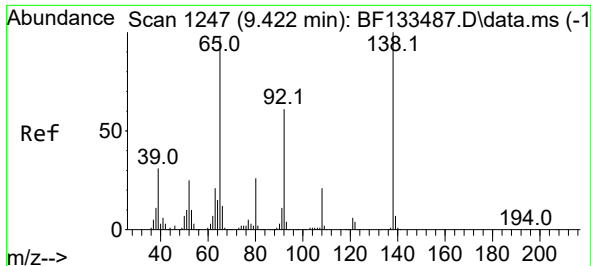
Ion Ratio Lower Upper

154 100

153 39.9 21.0 61.0

76 10.9 0.0 32.5

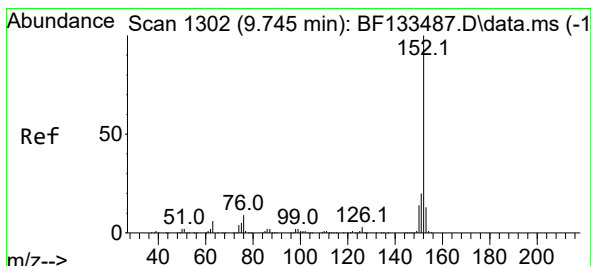
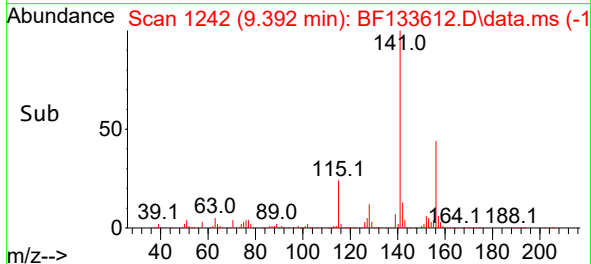
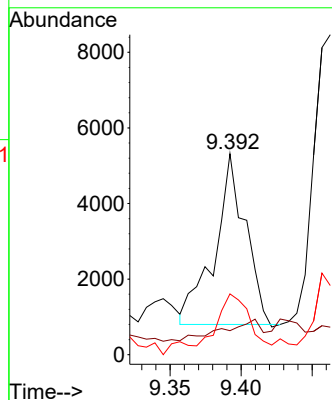
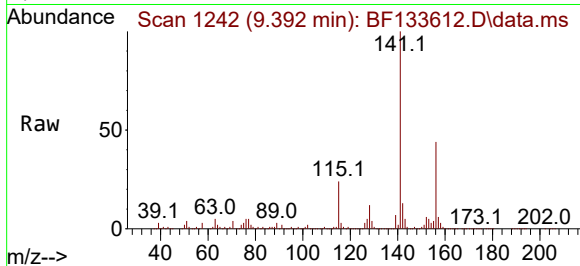




#48
2-Nitroaniline
Concen: 5.835 ng
RT: 9.392 min Scan# 11
Delta R.T. -0.024 min
Lab File: BF133612.D
Acq: 07 Jun 2023 03:43

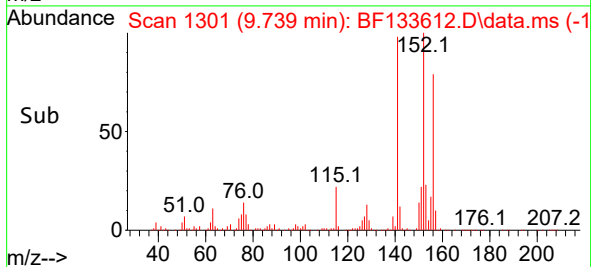
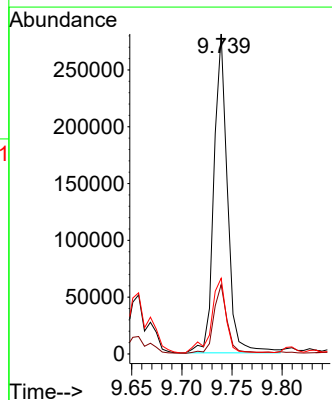
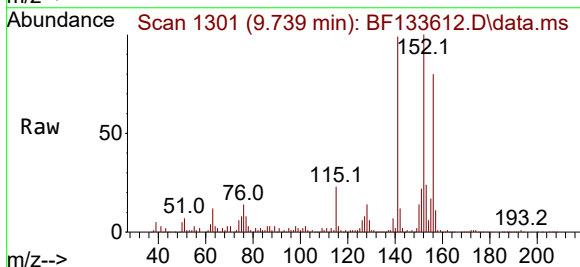
Instrument :
BNA_F
ClientSampleId :
WC02

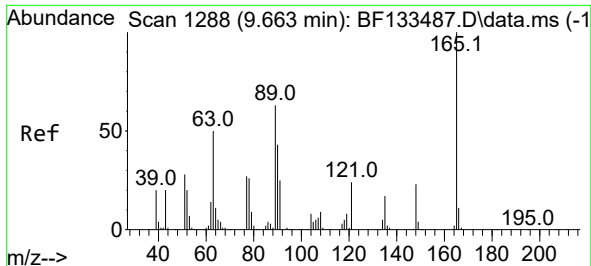
Tgt Ion: 65 Resp: 6783
Ion Ratio Lower Upper
65 100
92 11.9 50.8 76.2#
138 30.2 82.6 124.0#



#49
Acenaphthylene
Concen: 14.739 ng
RT: 9.739 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BF133612.D
Acq: 07 Jun 2023 03:43

Tgt Ion: 152 Resp: 264133
Ion Ratio Lower Upper
152 100
151 21.7 16.0 24.0
153 23.6 10.4 15.6#

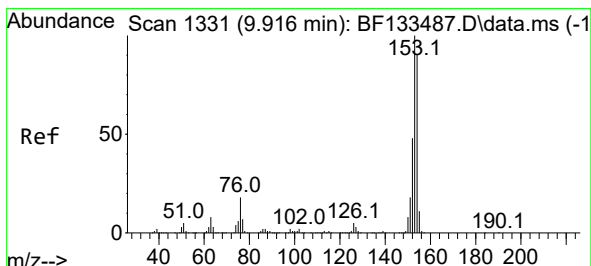
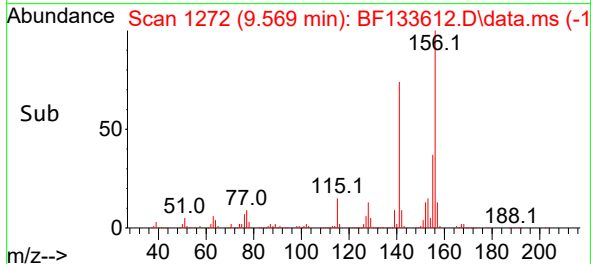
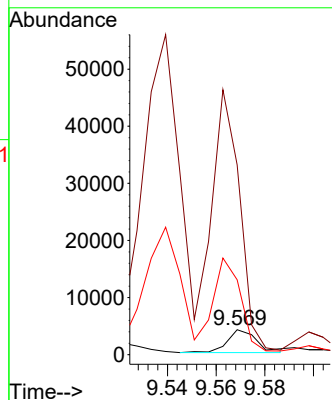
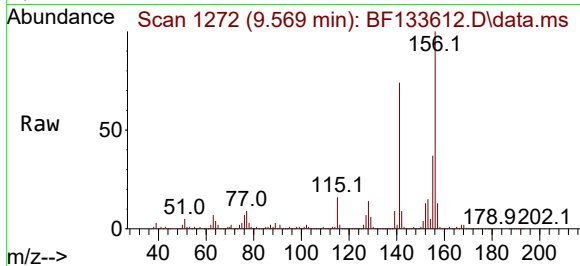




#51
2,6-Dinitrotoluene
Concen: 4.994 ng
RT: 9.569 min Scan# 11
Delta R.T. -0.094 min
Lab File: BF133612.D
Acq: 07 Jun 2023 03:43

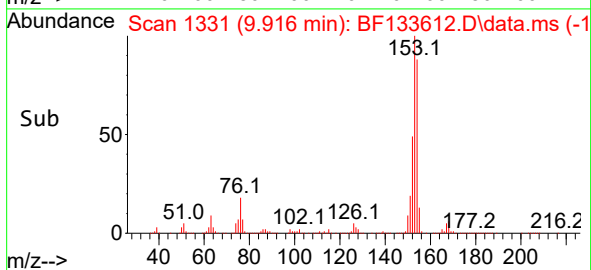
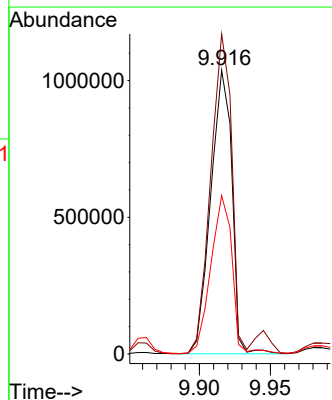
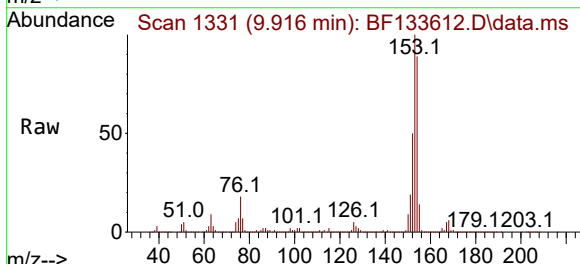
Instrument :
BNA_F
ClientSampleId :
WC02

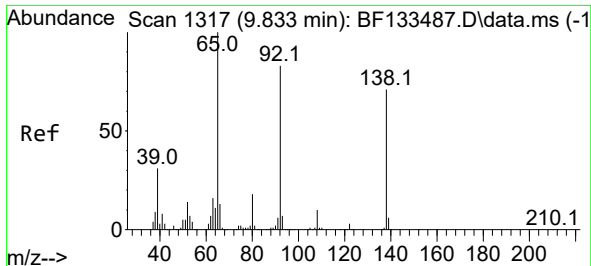
Tgt Ion:165 Resp: 3385
Ion Ratio Lower Upper
165 100
63 761.5 57.0 85.4#
89 300.5 50.8 76.2#



#52
Acenaphthene
Concen: 98.681 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF133612.D
Acq: 07 Jun 2023 03:43

Tgt Ion:154 Resp: 1071253
Ion Ratio Lower Upper
154 100
153 112.8 89.2 133.8
152 55.9 43.1 64.7

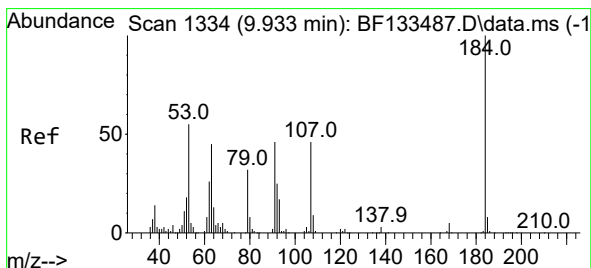
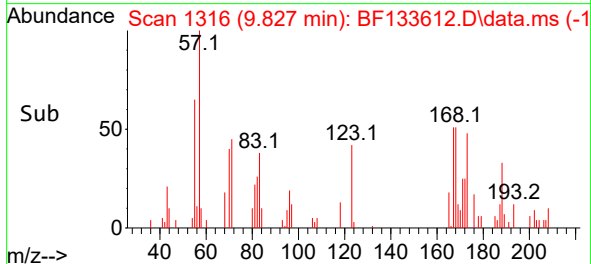
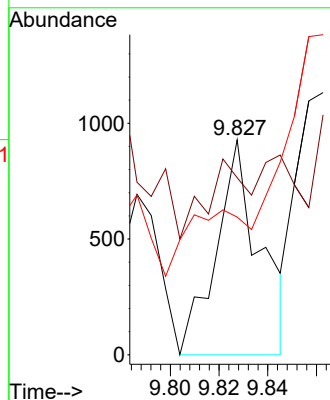
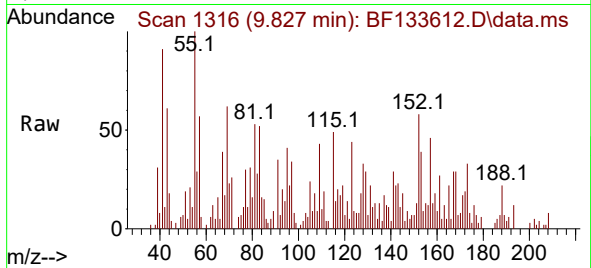




#53
3-Nitroaniline
Concen: 3.539 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133612.D
Acq: 07 Jun 2023 03:43

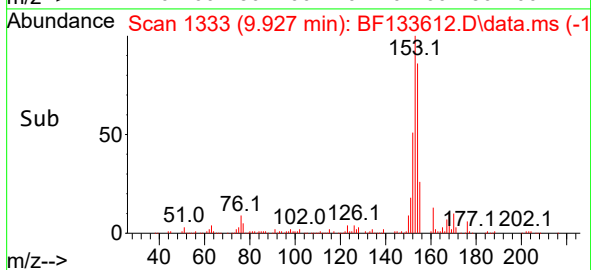
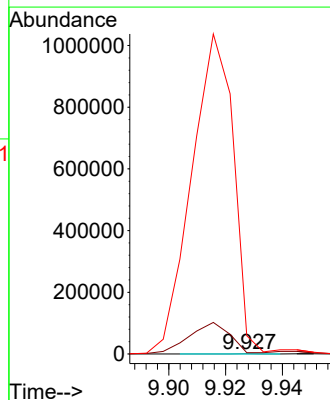
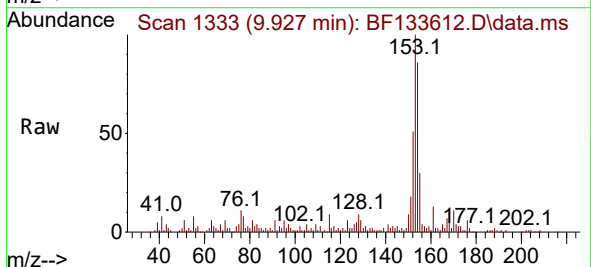
Instrument :
BNA_F
ClientSampleId :
WC02

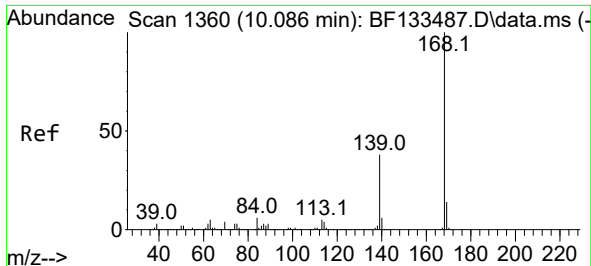
Tgt Ion:138 Resp: 1151
Ion Ratio Lower Upper
138 100
108 82.3 11.9 17.9#
92 64.0 93.1 139.7#



#54
2,4-Dinitrophenol
Concen: 6.867 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF133612.D
Acq: 07 Jun 2023 03:43

Tgt Ion:184 Resp: 319
Ion Ratio Lower Upper
184 100
63 1356.1 55.7 83.5#
154 19027.1 49.3 73.9#

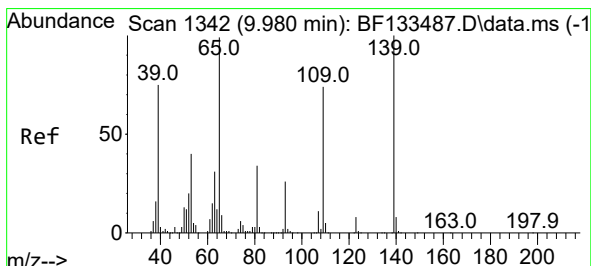
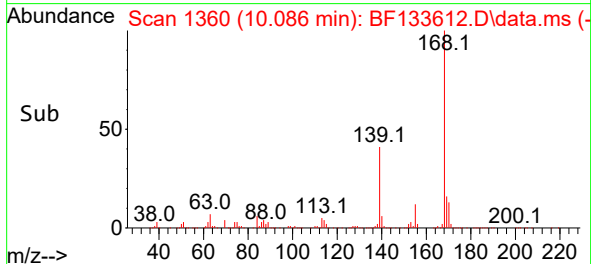
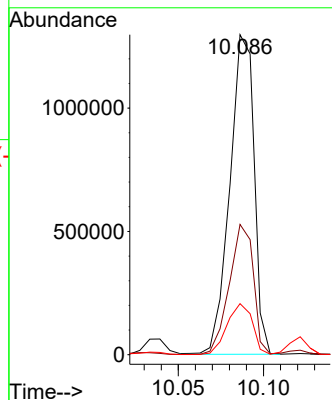
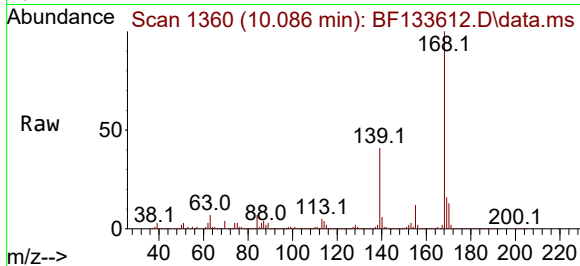




#55
Dibenzenofuran
Concen: 79.481 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF133612.D
Acq: 07 Jun 2023 03:43

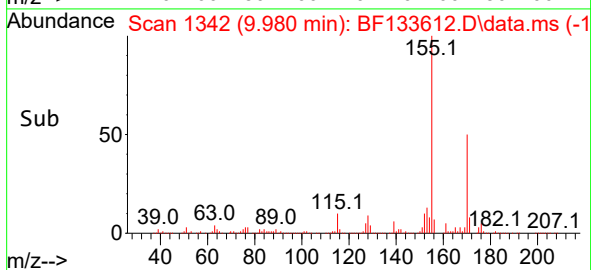
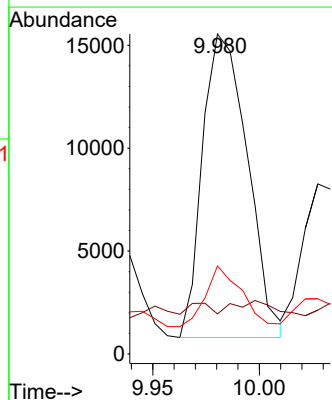
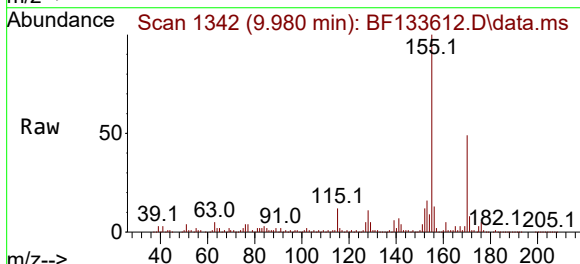
Instrument :
BNA_F
ClientSampleId :
WC02

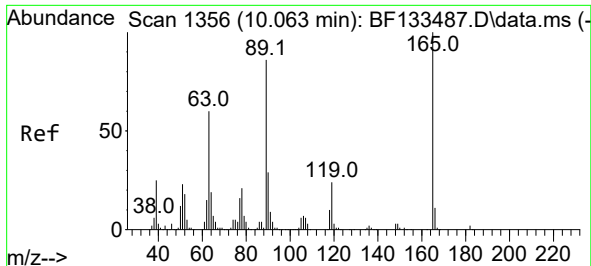
Tgt Ion:168 Resp: 1283688
Ion Ratio Lower Upper
168 100
139 40.7 30.6 46.0
169 16.0 10.9 16.3



#56
4-Nitrophenol
Concen: 10.089 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF133612.D
Acq: 07 Jun 2023 03:43

Tgt Ion:139 Resp: 21637
Ion Ratio Lower Upper
139 100
109 12.5 54.5 94.5#
65 27.5 79.5 119.5#

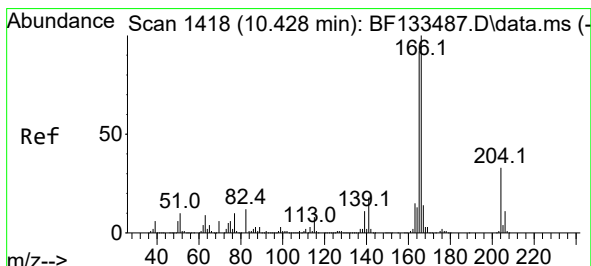
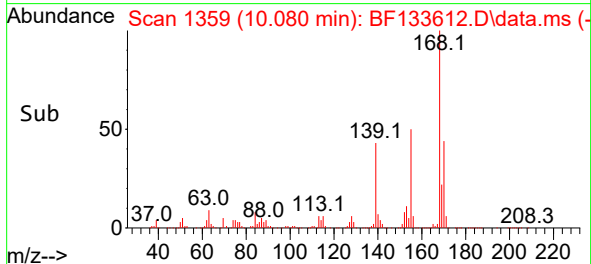
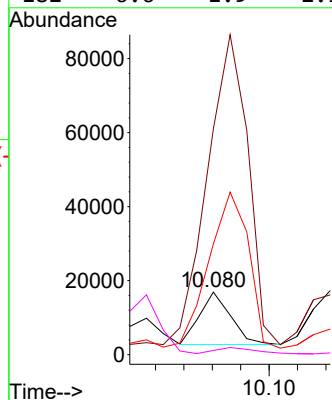
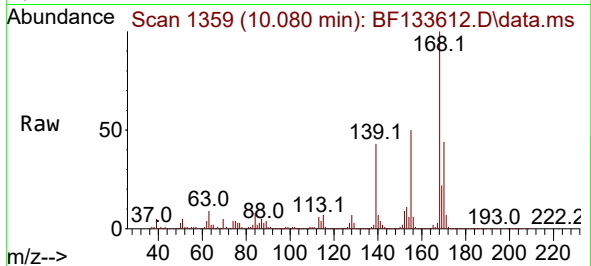




#57
2,4-Dinitrotoluene
Concen: 8.071 ng
RT: 10.080 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF133612.D
Acq: 07 Jun 2023 03:43

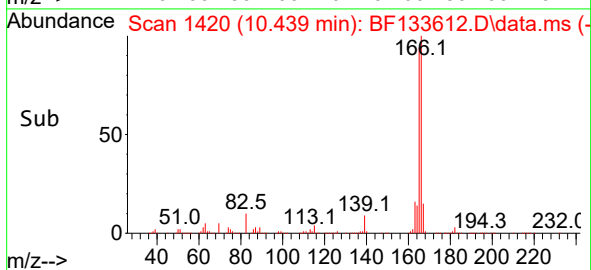
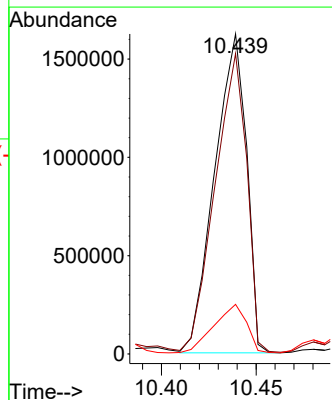
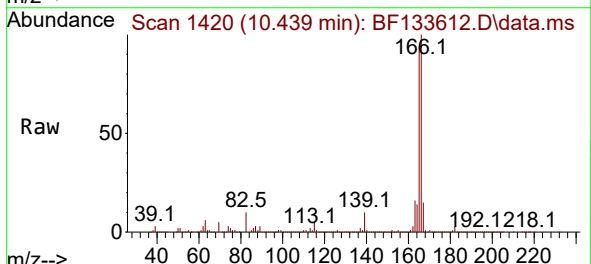
Instrument :
BNA_F
ClientSampleId :
WC02

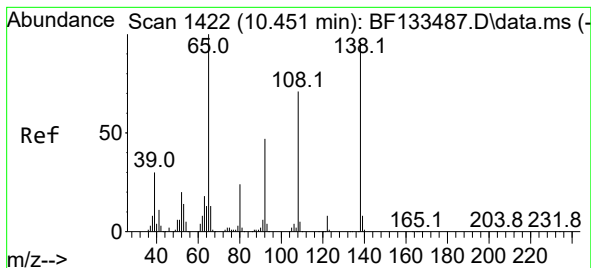
Tgt Ion:165 Resp: 10916
Ion Ratio Lower Upper
165 100
63 360.2 48.1 72.1#
89 176.6 68.4 102.6#
182 6.6 1.9 2.9#



#58
Fluorene
Concen: 160.255 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.012 min
Lab File: BF133612.D
Acq: 07 Jun 2023 03:43

Tgt Ion:166 Resp: 1896287
Ion Ratio Lower Upper
166 100
165 93.9 73.4 110.0
167 15.5 10.9 16.3

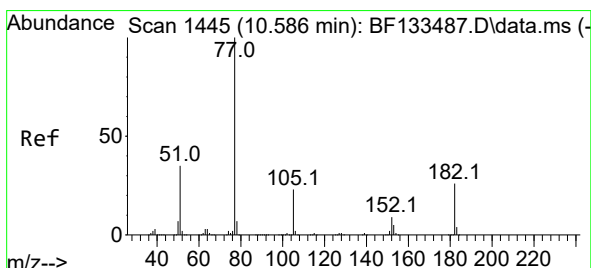
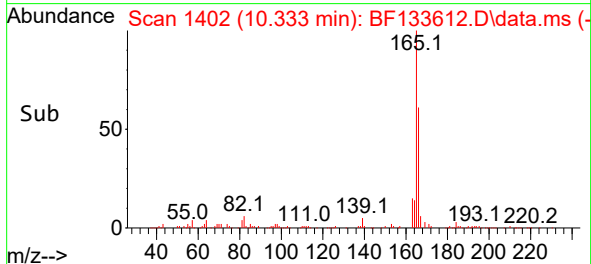
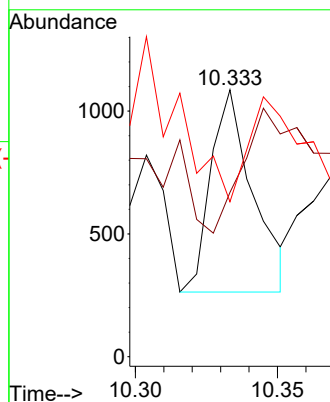
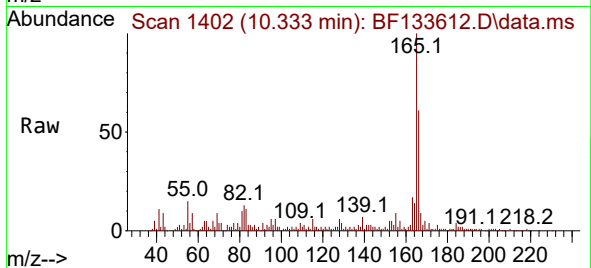




#62
4-Nitroaniline
Concen: 3.250 ng
RT: 10.333 min Scan# 1422
Delta R.T. -0.112 min
Lab File: BF133612.D
Acq: 07 Jun 2023 03:43

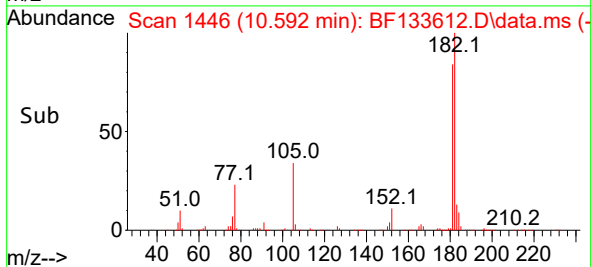
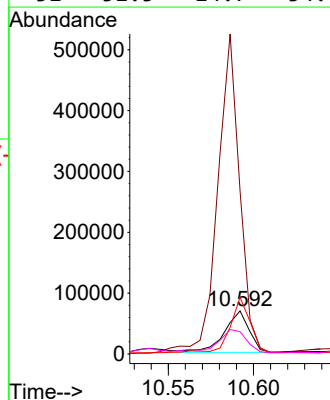
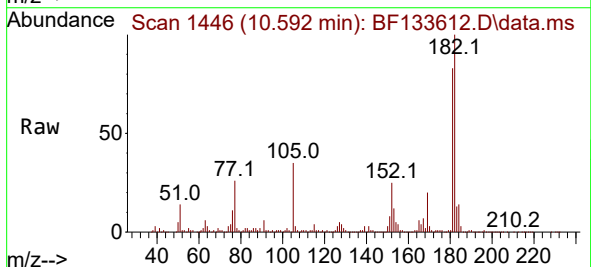
Instrument :
BNA_F
ClientSampleId :
WC02

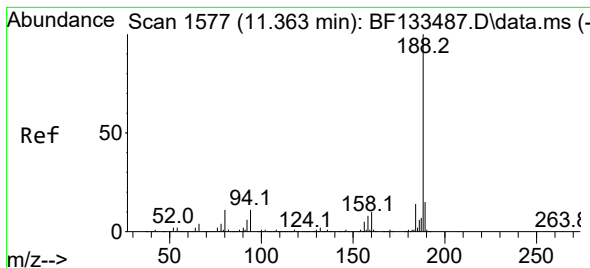
Tgt Ion:138 Resp: 852
Ion Ratio Lower Upper
138 100
92 61.5 28.4 68.4
108 58.0 54.2 94.2



#63
Azobenzene
Concen: 5.292 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.012 min
Lab File: BF133612.D
Acq: 07 Jun 2023 03:43

Tgt Ion: 77 Resp: 68934
Ion Ratio Lower Upper
77 100
182 378.9 5.6 45.6#
105 131.2 2.6 42.6#
51 51.5 14.7 54.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF133612.D

Acq: 07 Jun 2023 03:43

Instrument :

BNA_F

ClientSampleId :

WC02

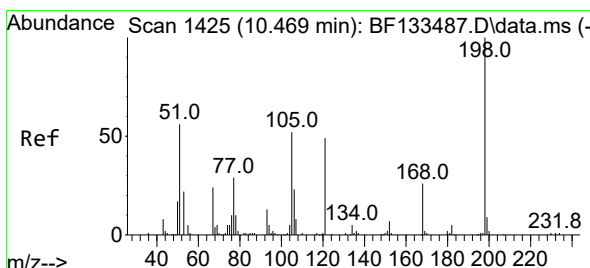
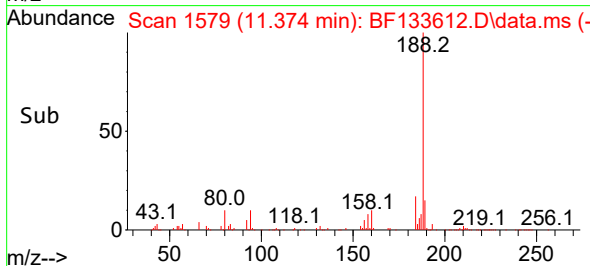
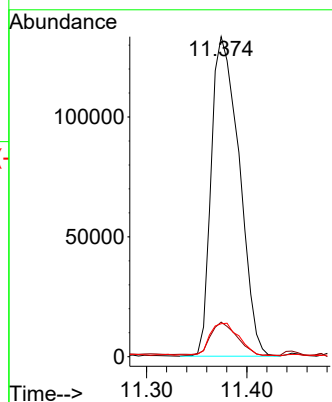
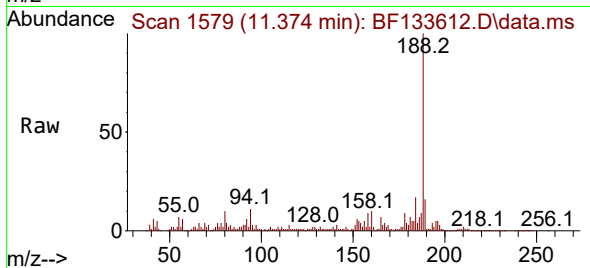
Tgt Ion:188 Resp: 257936

Ion Ratio Lower Upper

188 100

94 10.8 8.6 12.8

80 10.3 9.2 13.8



#65

4,6-Dinitro-2-methylphenol

Concen: 8.993 ng

RT: 10.486 min Scan# 1428

Delta R.T. 0.012 min

Lab File: BF133612.D

Acq: 07 Jun 2023 03:43

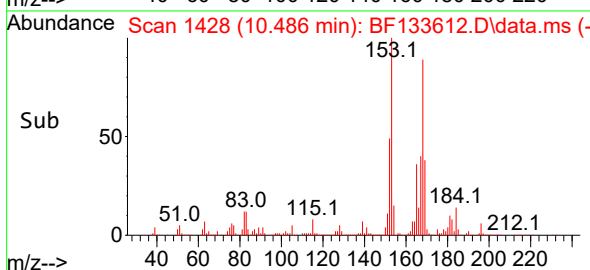
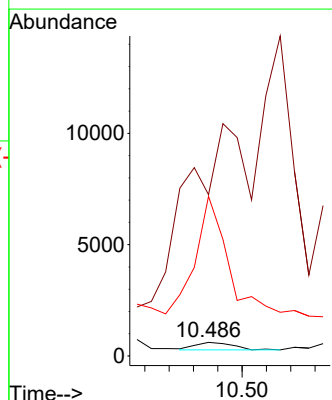
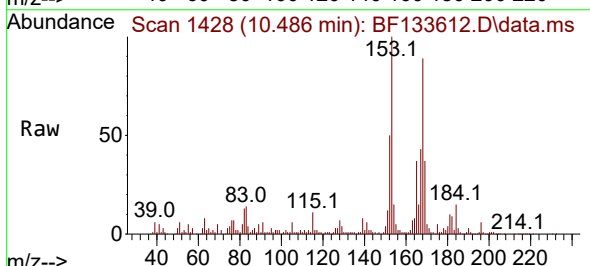
Tgt Ion:198 Resp: 363

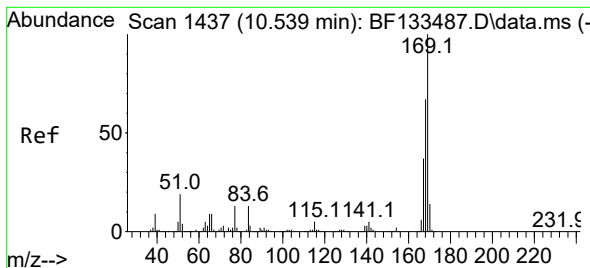
Ion Ratio Lower Upper

198 100

51 1183.8 53.6 93.6#

105 1172.7 35.9 75.9#

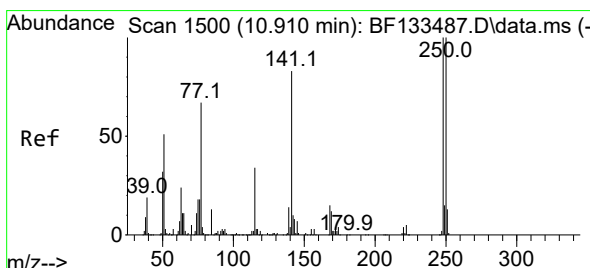
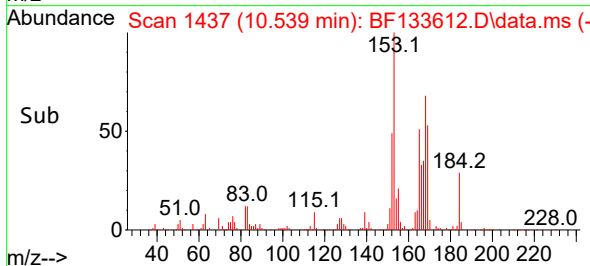
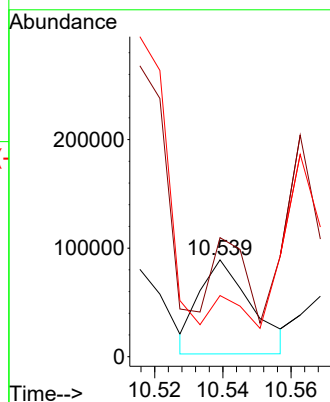
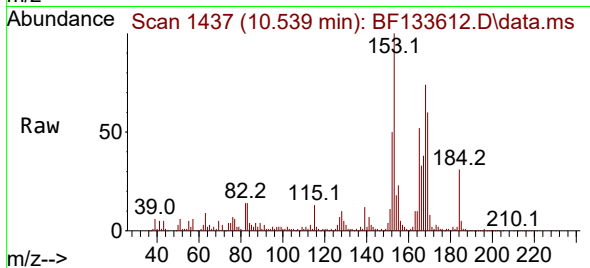




#66
 n-Nitrosodiphenylamine
 Concen: 10.987 ng
 RT: 10.539 min Scan# 1437
 Delta R.T. 0.000 min
 Lab File: BF133612.D
 Acq: 07 Jun 2023 03:43

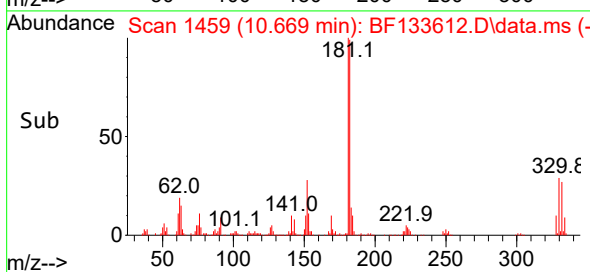
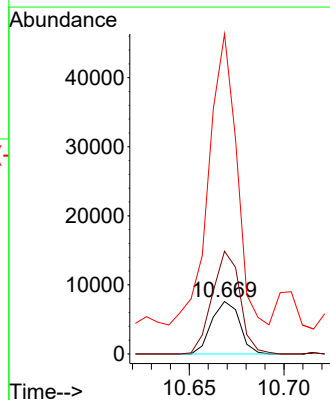
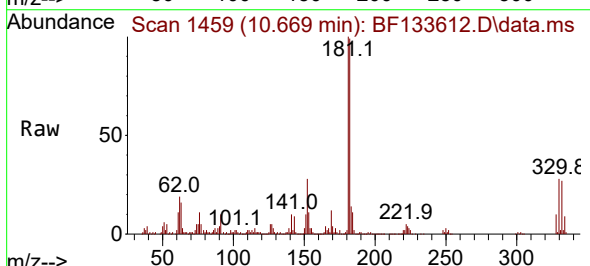
Instrument :
 BNA_F
 ClientSampleId :
 WC02

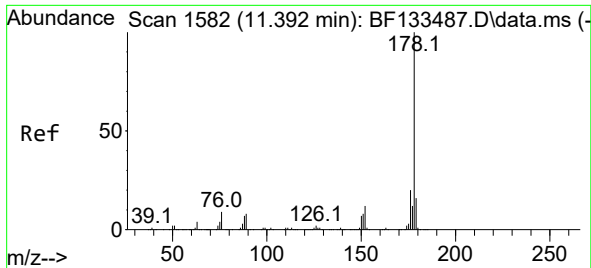
Tgt Ion:169 Resp: 92007
 Ion Ratio Lower Upper
 169 100
 168 123.1 53.7 80.5#
 167 63.1 29.6 44.4#



#67
 4-Bromophenyl-phenylether
 Concen: 2.860 ng
 RT: 10.669 min Scan# 1459
 Delta R.T. -0.241 min
 Lab File: BF133612.D
 Acq: 07 Jun 2023 03:43

Tgt Ion:248 Resp: 7835
 Ion Ratio Lower Upper
 248 100
 250 195.5 79.7 119.5#
 141 609.3 66.6 100.0#

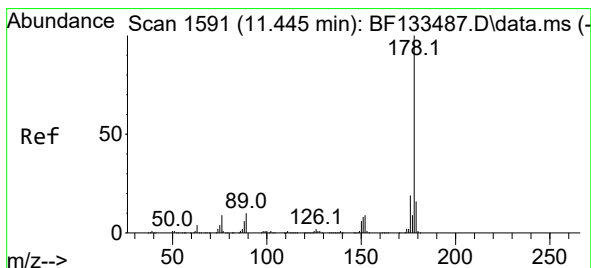
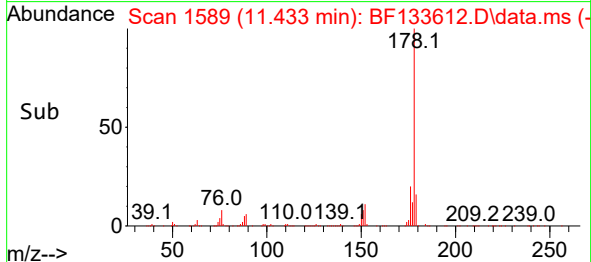
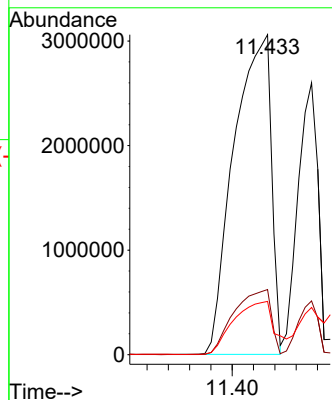
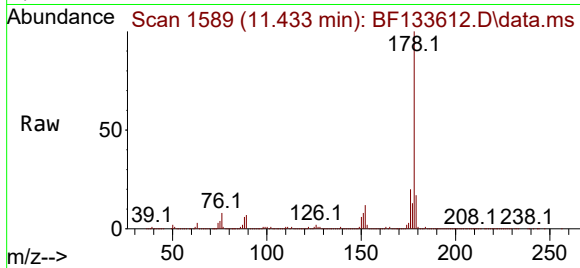




#71
Phenanthrene
Concen: 568.805 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.041 min
Lab File: BF133612.D
Acq: 07 Jun 2023 03:43

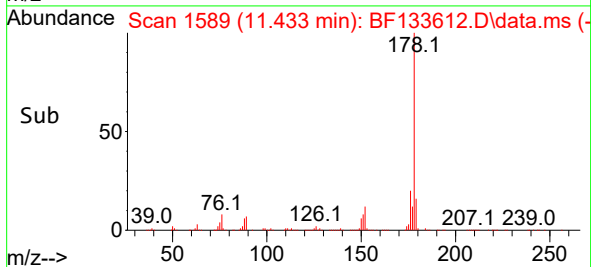
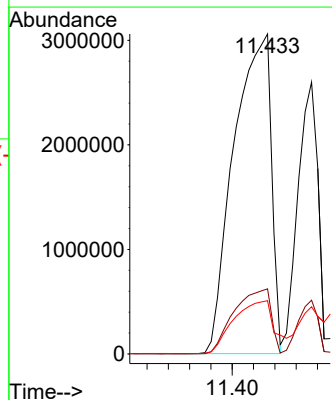
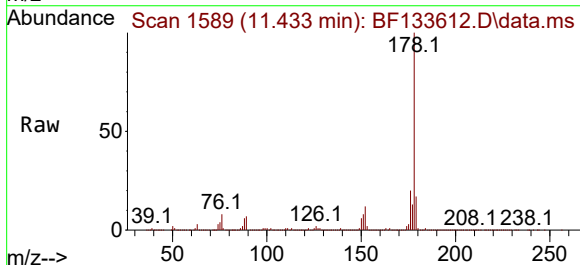
Instrument :
BNA_F
ClientSampleId :
WC02

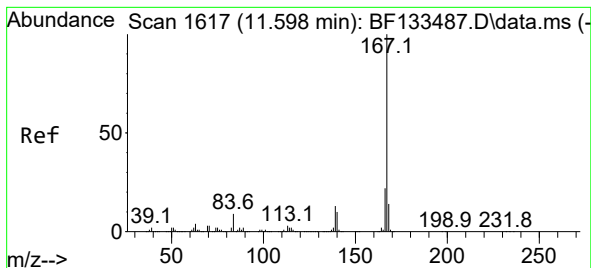
Tgt Ion:178 Resp: 7431010
Ion Ratio Lower Upper
178 100
176 20.4 15.6 23.4
179 16.6 12.4 18.6



#72
Anthracene
Concen: 552.672 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF133612.D
Acq: 07 Jun 2023 03:43

Tgt Ion:178 Resp: 7431010
Ion Ratio Lower Upper
178 100
176 20.4 15.3 22.9
179 16.6 12.6 18.8





#73

Carbazole

Concen: 68.644 ng

RT: 11.604 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF133612.D

Acq: 07 Jun 2023 03:43

Instrument :

BNA_F

ClientSampleId :

WC02

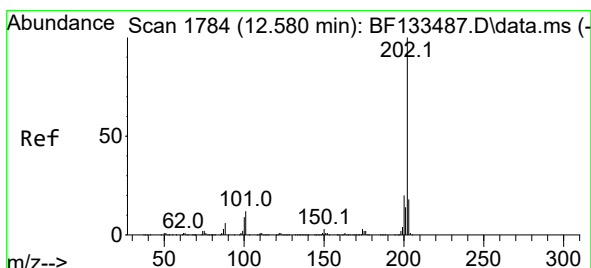
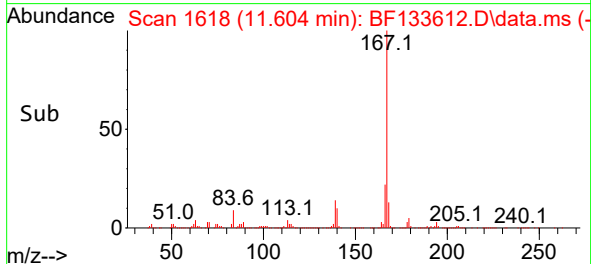
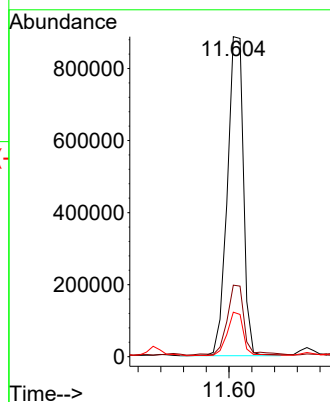
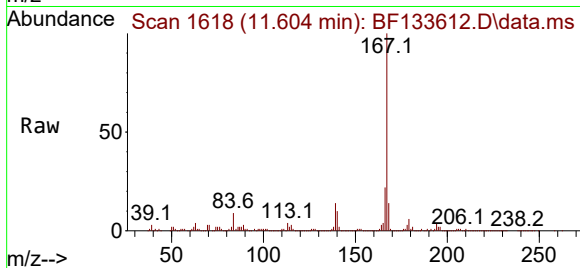
Tgt Ion:167 Resp: 872851

Ion Ratio Lower Upper

167 100

166 22.4 17.3 25.9

139 13.9 10.7 16.1



#75

Fluoranthene

Concen: 511.358 ng

RT: 12.627 min Scan# 1792

Delta R.T. 0.047 min

Lab File: BF133612.D

Acq: 07 Jun 2023 03:43

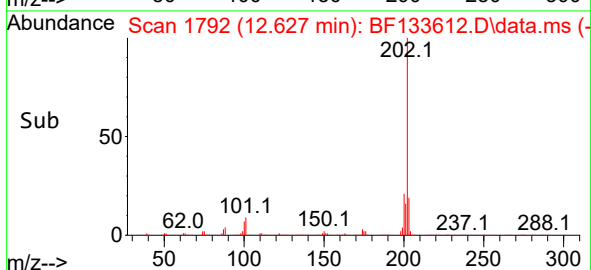
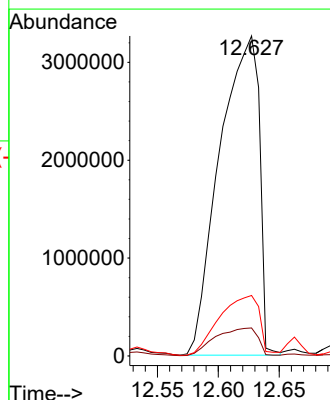
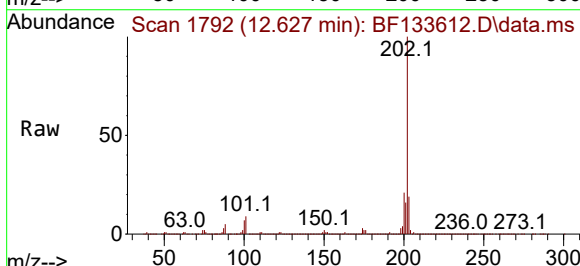
Tgt Ion:202 Resp: 7379131

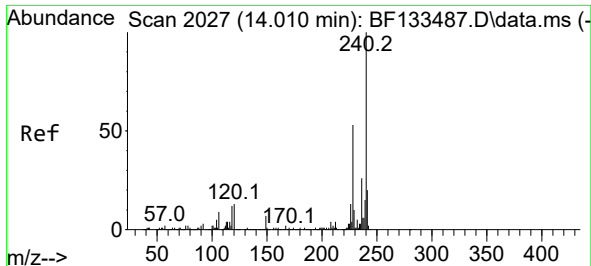
Ion Ratio Lower Upper

202 100

101 8.7 0.0 32.2

203 18.9 0.0 37.8

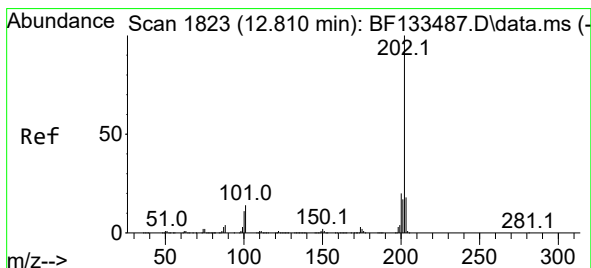
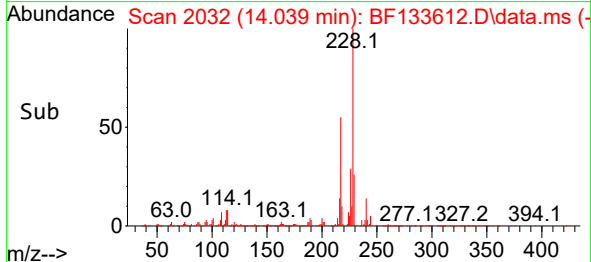
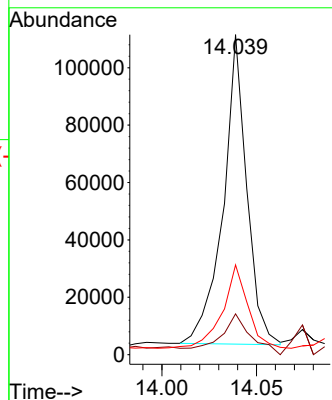
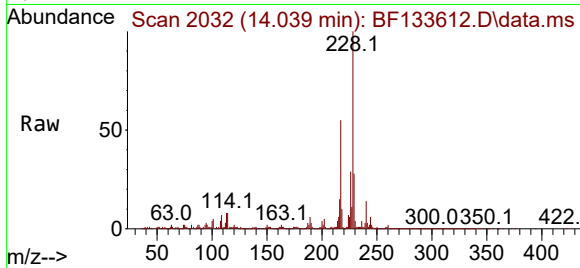




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2027
Delta R.T. 0.029 min
Lab File: BF133612.D
Acq: 07 Jun 2023 03:43

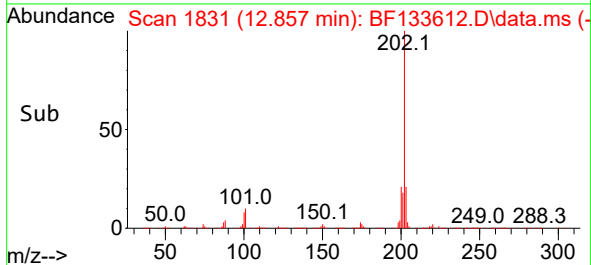
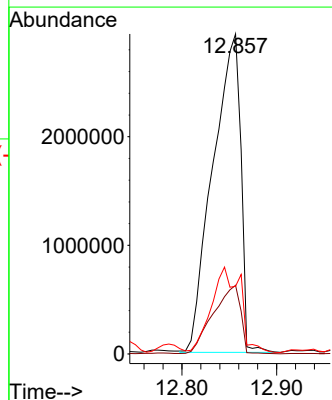
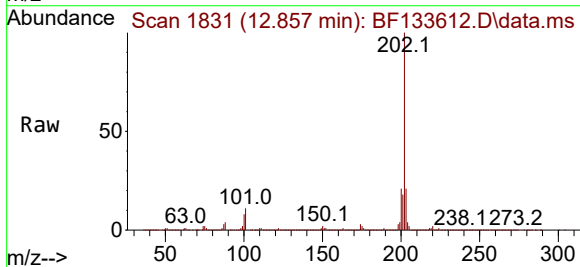
Instrument :
BNA_F
ClientSampleId :
WC02

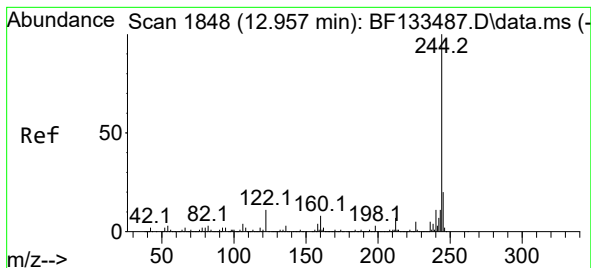
Tgt Ion:240 Resp: 93314
Ion Ratio Lower Upper
240 100
120 12.8 10.3 15.5
236 28.1 20.5 30.7



#78
Pyrene
Concen: 755.491 ng
RT: 12.857 min Scan# 1831
Delta R.T. 0.047 min
Lab File: BF133612.D
Acq: 07 Jun 2023 03:43

Tgt Ion:202 Resp: 5999058
Ion Ratio Lower Upper
202 100
200 21.5 16.3 24.5
203 21.1 14.3 21.5





#79

Terphenyl-d14

Concen: 105.146 ng

RT: 12.963 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF133612.D

Acq: 07 Jun 2023 03:43

Instrument :

BNA_F

ClientSampleId :

WC02

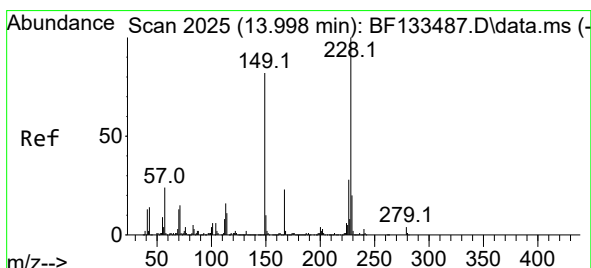
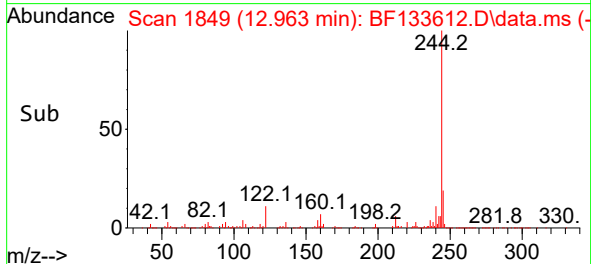
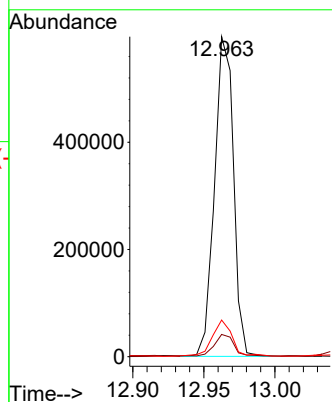
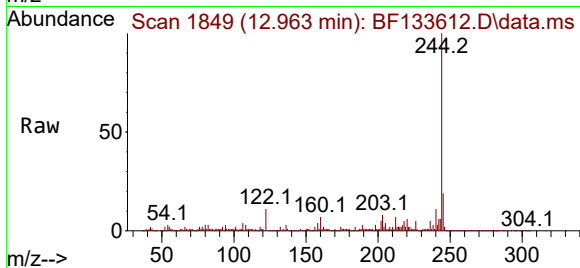
Tgt Ion:244 Resp: 551838

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 11.5 8.5 12.7



#81

Benzo(a)anthracene

Concen: 527.838 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.035 min

Lab File: BF133612.D

Acq: 07 Jun 2023 03:43

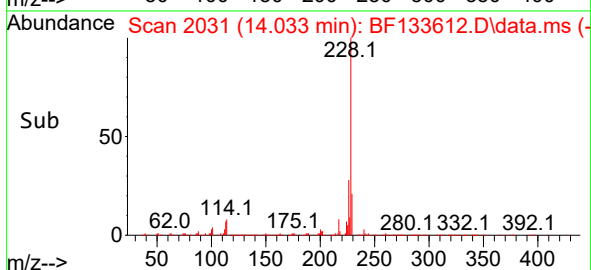
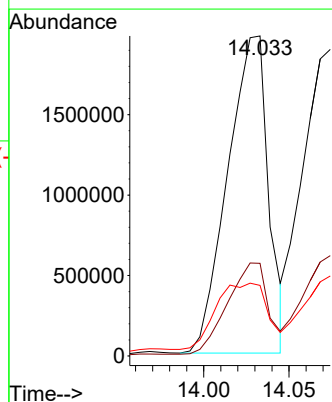
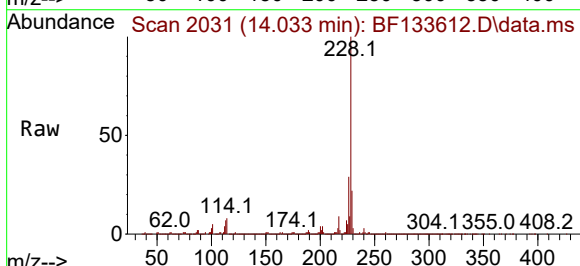
Tgt Ion:228 Resp: 3281185

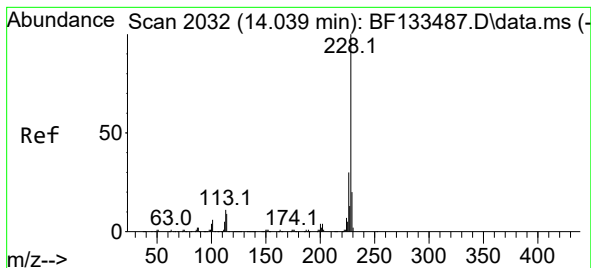
Ion Ratio Lower Upper

228 100

226 29.0 22.3 33.5

229 22.0 16.1 24.1





#83

Chrysene

Concen: 522.864 ng

RT: 14.033 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF133612.D

Acq: 07 Jun 2023 03:43

Instrument :

BNA_F

ClientSampleId :

WC02

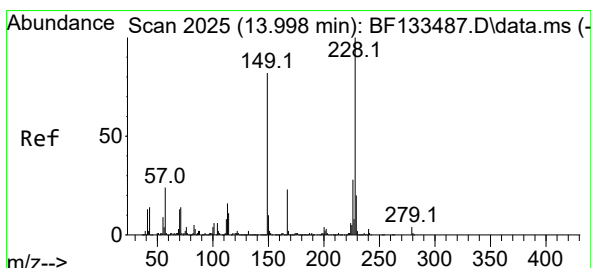
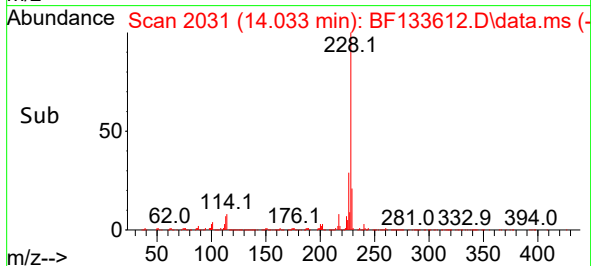
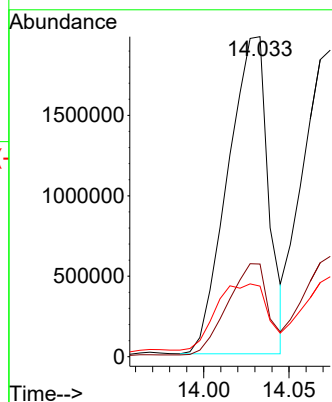
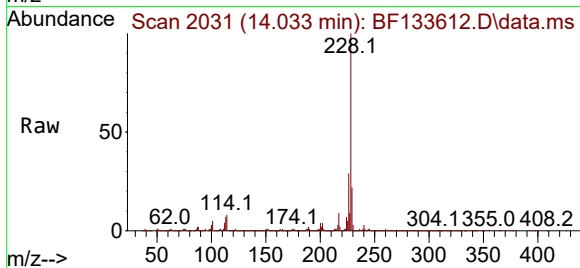
Tgt Ion:228 Resp: 3281185

Ion Ratio Lower Upper

228 100

226 29.0 24.1 36.1

229 22.0 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.411 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.012 min

Lab File: BF133612.D

Acq: 07 Jun 2023 03:43

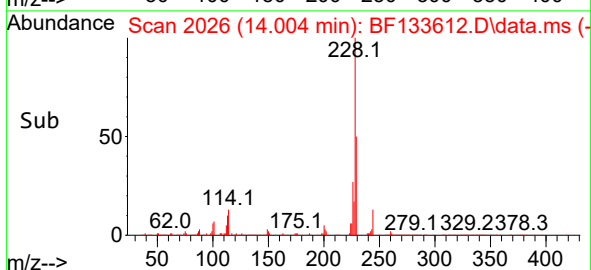
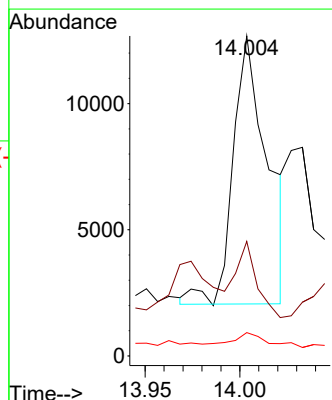
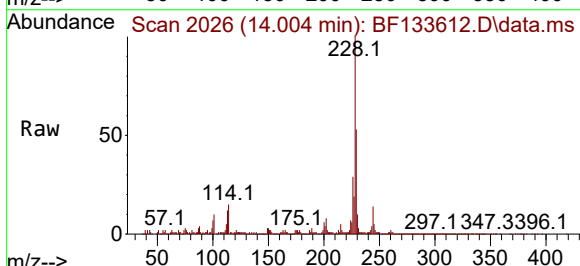
Tgt Ion:149 Resp: 13394

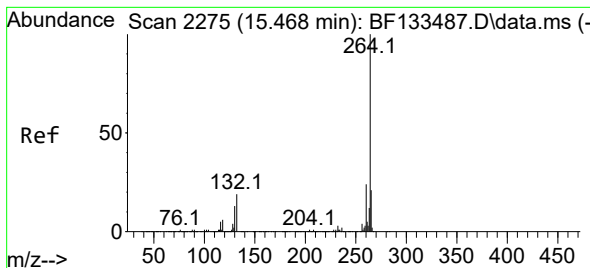
Ion Ratio Lower Upper

149 100

167 35.8 22.0 33.0#

279 7.3 3.6 5.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF133612.D

Acq: 07 Jun 2023 03:43

Instrument :

BNA_F

ClientSampleId :

WC02

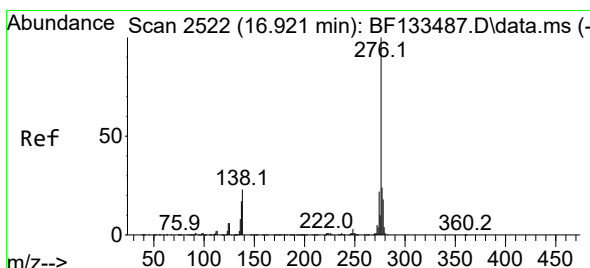
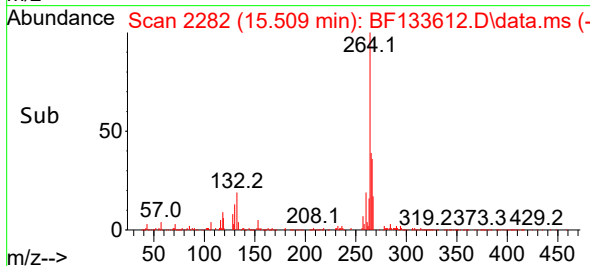
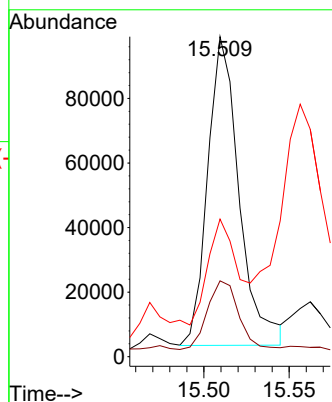
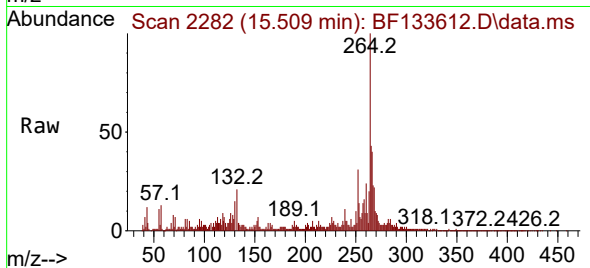
Tgt Ion:264 Resp: 122947

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.4

265 43.0 16.8 25.2#



#87

Indeno(1,2,3-cd)pyrene

Concen: 138.996 ng

RT: 17.003 min Scan# 2536

Delta R.T. 0.071 min

Lab File: BF133612.D

Acq: 07 Jun 2023 03:43

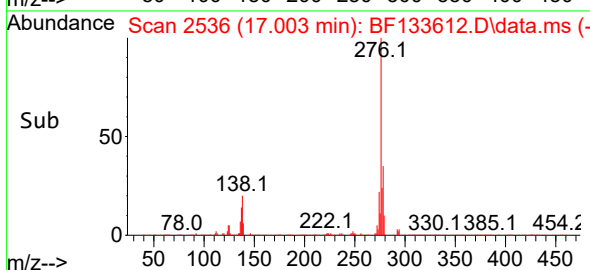
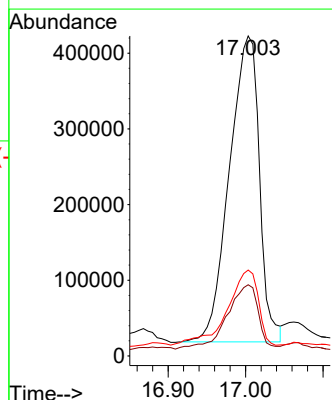
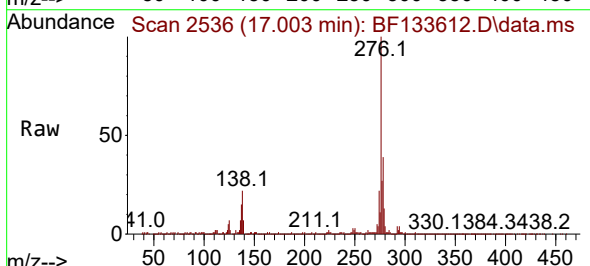
Tgt Ion:276 Resp: 1088550

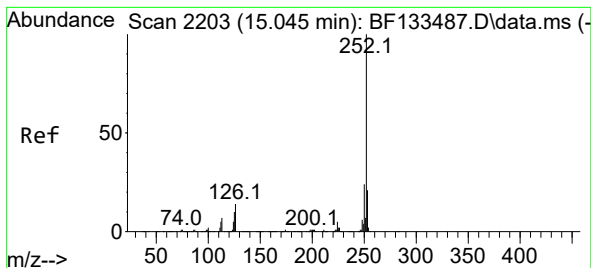
Ion Ratio Lower Upper

276 100

138 22.5 21.4 32.2

277 26.2 20.0 30.0





#88

Benzo(b)fluoranthene

Concen: 489.239 ng

RT: 15.098 min Scan# 2212

Delta R.T. 0.053 min

Lab File: BF133612.D

Acq: 07 Jun 2023 03:43

Instrument :

BNA_F

ClientSampleId :

WC02

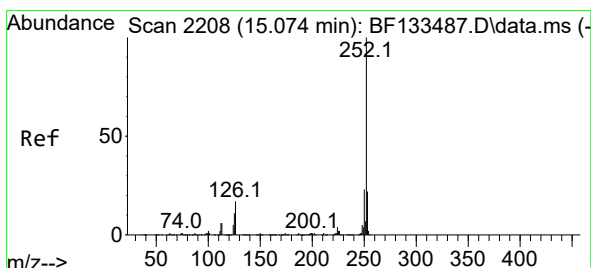
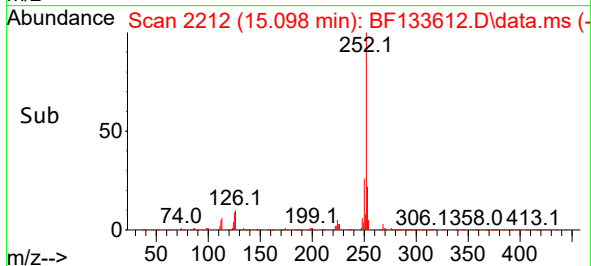
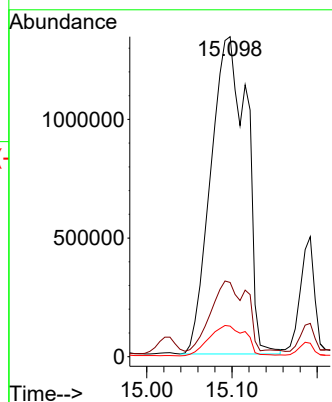
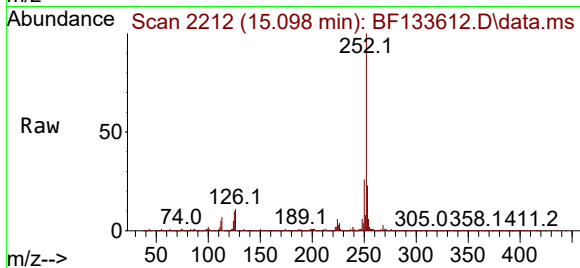
Tgt Ion:252 Resp: 3916836

Ion Ratio Lower Upper

252 100

253 23.2 17.2 25.8

125 9.6 8.1 12.1



#89

Benzo(k)fluoranthene

Concen: 501.747 ng

RT: 15.098 min Scan# 2212

Delta R.T. 0.024 min

Lab File: BF133612.D

Acq: 07 Jun 2023 03:43

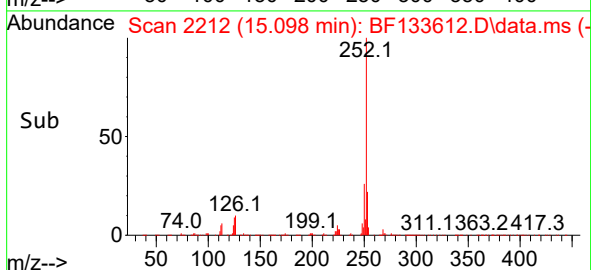
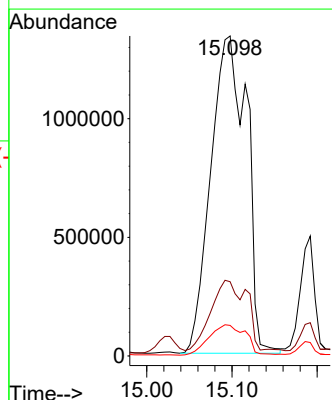
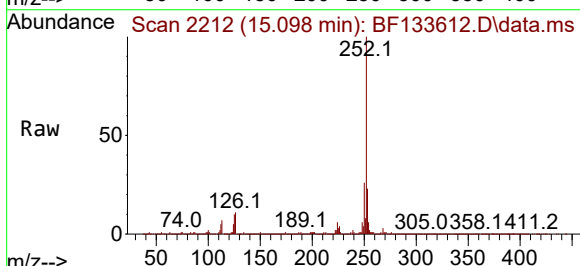
Tgt Ion:252 Resp: 3916836

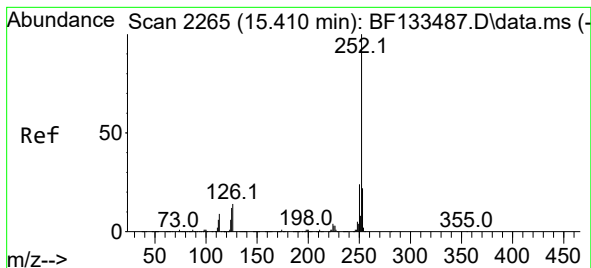
Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.2

125 9.6 8.3 12.5





#90

Benzo(a)pyrene

Concen: 308.366 ng

RT: 15.468 min Scan# 21

Delta R.T. 0.059 min

Lab File: BF133612.D

Acq: 07 Jun 2023 03:43

Instrument :

BNA_F

ClientSampleId :

WC02

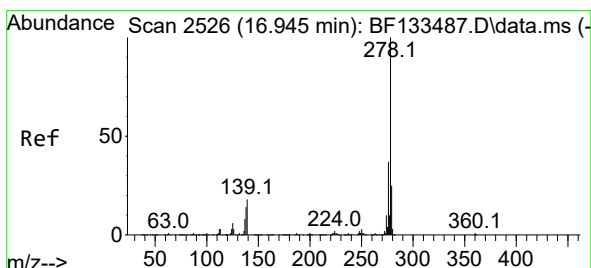
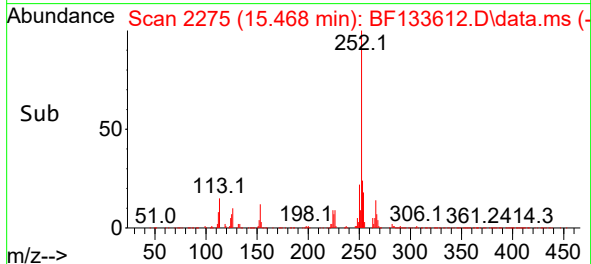
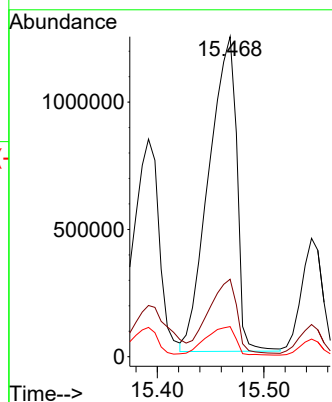
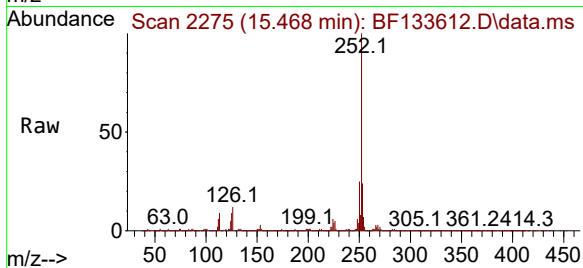
Tgt Ion:252 Resp: 2246430

Ion Ratio Lower Upper

252 100

253 24.2 17.4 26.0

125 9.4 9.4 14.0



#91

Dibenzo(a,h)anthracene

Concen: 45.641 ng

RT: 17.009 min Scan# 2537

Delta R.T. 0.059 min

Lab File: BF133612.D

Acq: 07 Jun 2023 03:43

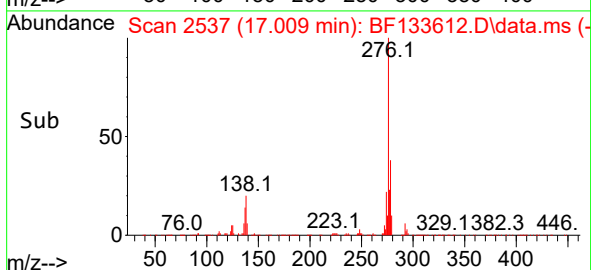
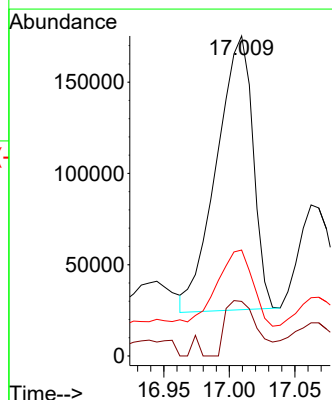
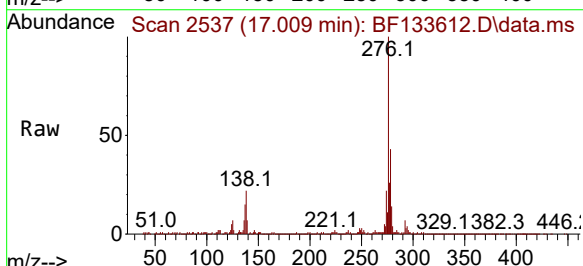
Tgt Ion:278 Resp: 289801

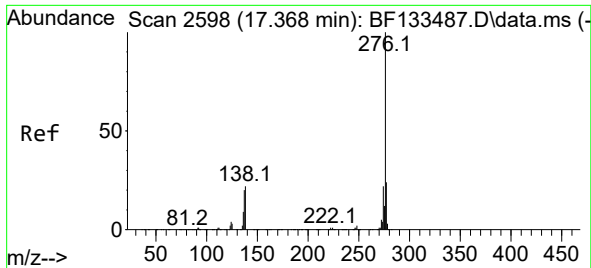
Ion Ratio Lower Upper

278 100

139 17.1 14.1 21.1

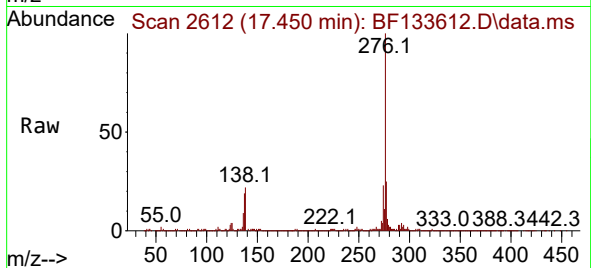
279 33.1 19.7 29.5#





#92
 Benzo(g,h,i)perylene
 Concen: 155.086 ng
 RT: 17.450 min Scan# 20
 Delta R.T. 0.076 min
 Lab File: BF133612.D
 Acq: 07 Jun 2023 03:43

Instrument :
 BNA_F
 ClientSampleId :
 WC02



Tgt Ion:276 Resp: 992939
 Ion Ratio Lower Upper
 276 100
 277 24.7 18.8 28.2
 138 22.1 17.8 26.6

