

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060623\
 Data File : BF133613.D
 Acq On : 07 Jun 2023 04:14
 Operator : CG\JU
 Sample : 03002-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC03

Quant Time: Jun 07 04:46:55 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)

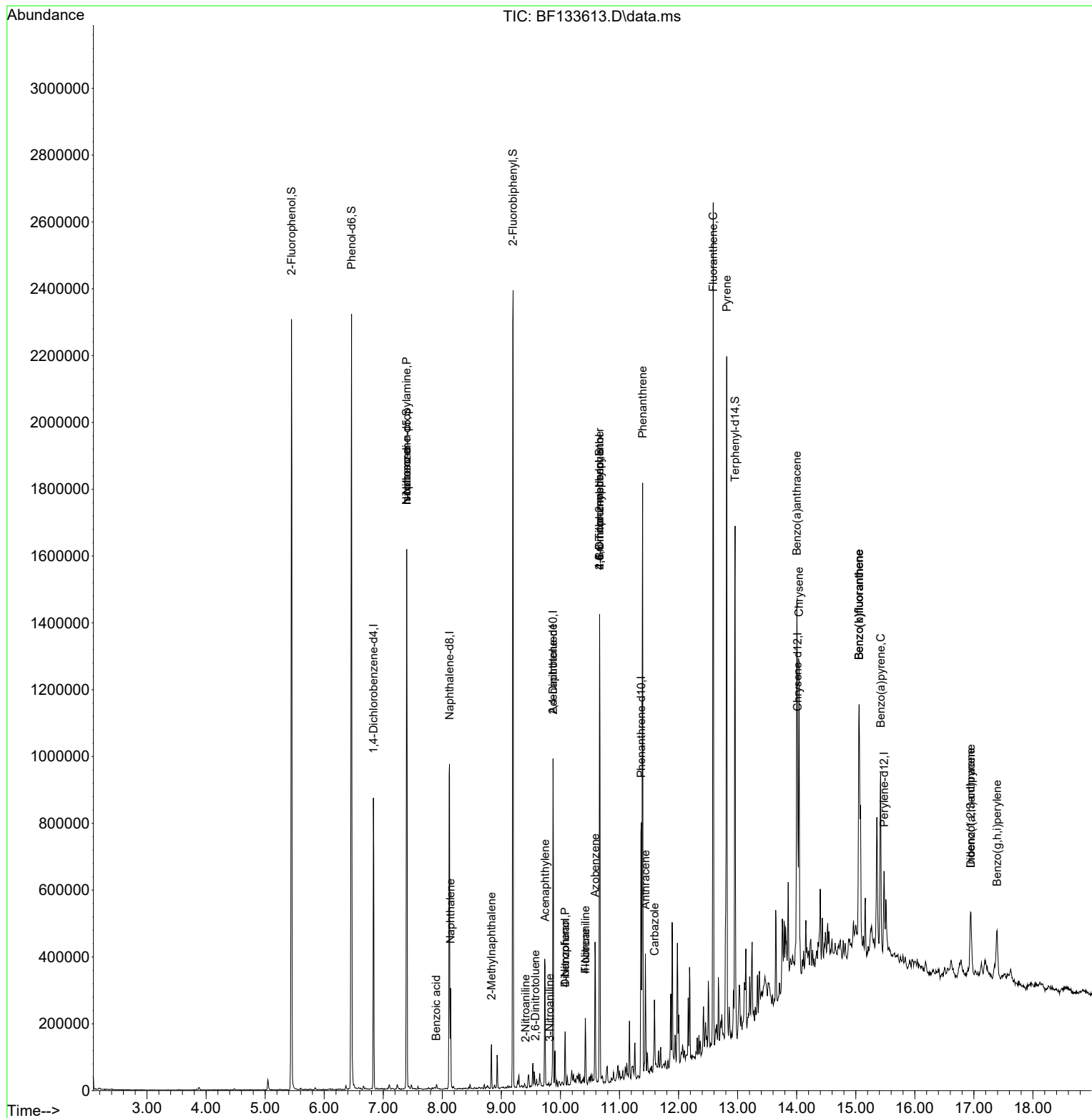
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	118449	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	421595	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	178746	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	301392	20.000	ng	# 0.00
76) Chrysene-d12	14.016	240	140026	20.000	ng	# 0.00
86) Perylene-d12	15.480	264	129108	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	629152	88.622	ng	0.00
7) Phenol-d6	6.463	99	747357	85.517	ng	0.00
23) Nitrobenzene-d5	7.398	82	451116	71.444	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	153027	85.885	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	730894	63.111	ng	0.00
79) Terphenyl-d14	12.957	244	512419	65.065	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.387	77	652	Below Cal		88
19) n-Nitroso-di-n-propyla...	7.398	70	62508	11.055 ng	#	77
25) Isophorone	7.398	82	451045	30.650 ng	#	65
31) Naphthalene	8.139	128	104863	5.130 ng		99
32) Benzoic acid	7.898	122	1319	7.620 ng	#	11
37) 2-Methylnaphthalene	8.834	142	32239	2.310 ng		99
48) 2-Nitroaniline	9.410	65	81	4.013 ng	#	46
49) Acenaphthylene	9.739	152	159973	8.907 ng		98
51) 2,6-Dinitrotoluene	9.575	165	906	4.033 ng	#	16
53) 3-Nitroaniline	9.816	138	124	3.218 ng	#	1
55) Dibenzofuran	10.080	168	49420	3.053 ng		98
56) 4-Nitrophenol	10.080	139	18795	8.744 ng	#	7
57) 2,4-Dinitrotoluene	9.875	165	25378	12.460 ng	#	16
58) Fluorene	10.422	166	50961	4.297 ng		98
62) 4-Nitroaniline	10.422	138	1122	3.334 ng	#	19
63) Azobenzene	10.586	77	65683	5.031 ng	#	1
65) 4,6-Dinitro-2-methylph...	10.663	198	335	8.934 ng	#	1
67) 4-Bromophenyl-phenylether	10.663	248	9590	2.996 ng	#	1
71) Phenanthrene	11.392	178	603974	39.565 ng		100
72) Anthracene	11.439	178	116875	7.439 ng		100
73) Carbazole	11.592	167	78653	5.294 ng		99
75) Fluoranthene	12.586	202	970610	57.563 ng		98
78) Pyrene	12.816	202	817393	68.599 ng		100
81) Benzo(a)anthracene	14.004	228	364724	39.100 ng		94
83) Chrysene	14.039	228	367088	38.982 ng		98
87) Indeno(1,2,3-cd)pyrene	16.945	276	172088	20.925 ng		95
88) Benzo(b)fluoranthene	15.057	252	570495	67.858 ng		97
89) Benzo(k)fluoranthene	15.057	252	570495	69.593 ng		97
90) Benzo(a)pyrene	15.421	252	250420	32.735 ng		97
91) Dibenzo(a,h)anthracene	16.951	278	38574	5.785 ng	#	74
92) Benzo(g,h,i)perylene	17.392	276	177375	26.382 ng		97

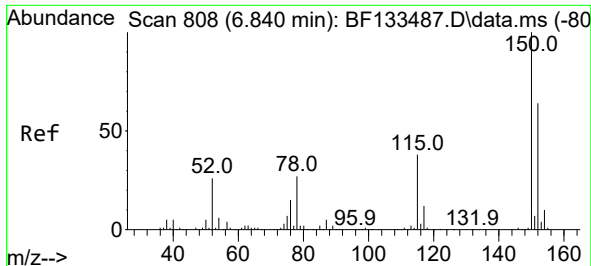
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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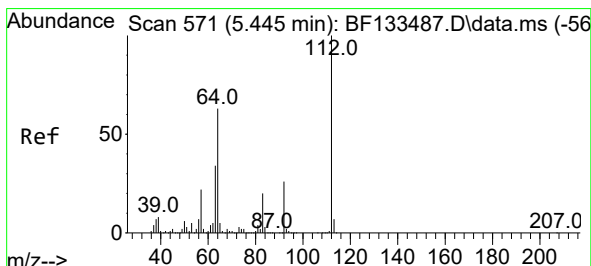
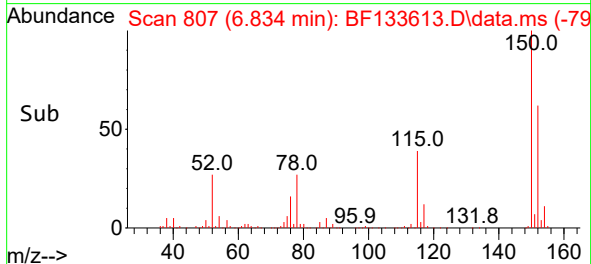
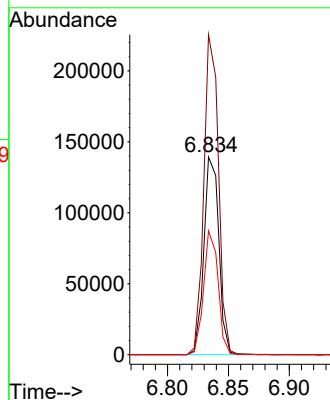
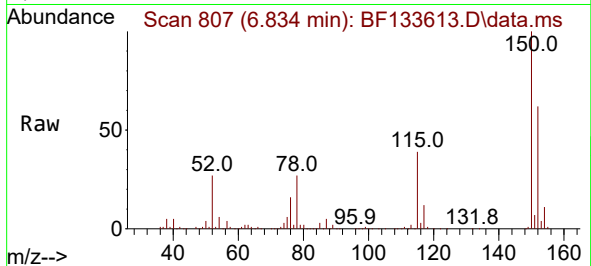




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF133613.D
Acq: 07 Jun 2023 04:14

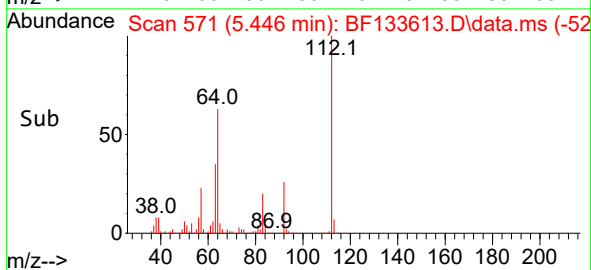
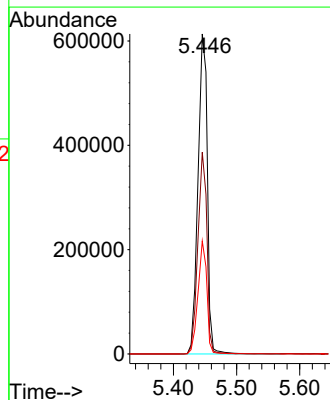
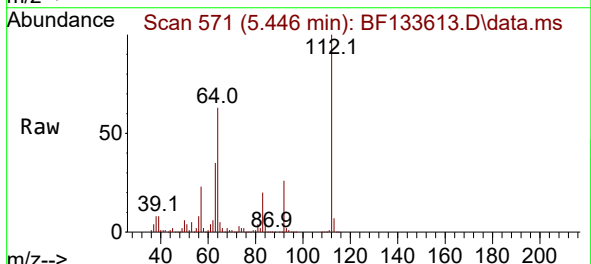
Instrument :
BNA_F
ClientSampleId :
WC03

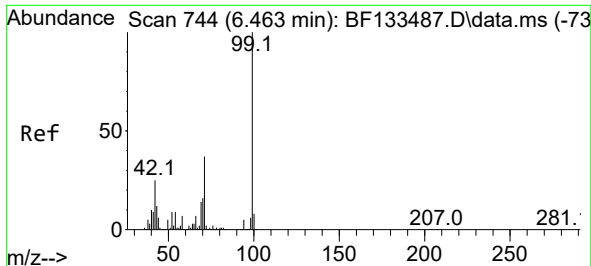
Tgt Ion:152 Resp: 118449
Ion Ratio Lower Upper
152 100
150 161.8 124.9 187.3
115 62.6 48.1 72.1



#5
2-Fluorophenol
Concen: 88.622 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF133613.D
Acq: 07 Jun 2023 04:14

Tgt Ion:112 Resp: 629152
Ion Ratio Lower Upper
112 100
64 63.1 50.1 75.1
63 35.3 27.5 41.3





#7

Phenol-d6

Concen: 85.517 ng

RT: 6.463 min Scan# 744

Delta R.T. 0.000 min

Lab File: BF133613.D

Acq: 07 Jun 2023 04:14

Instrument :

BNA_F

ClientSampleId :

WC03

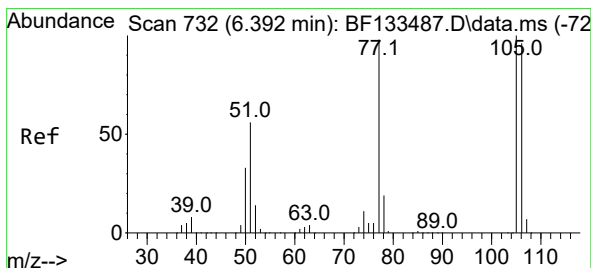
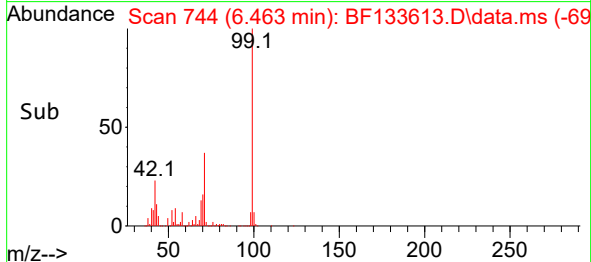
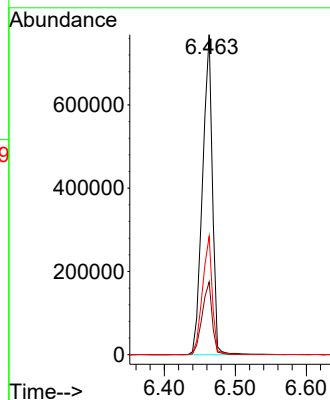
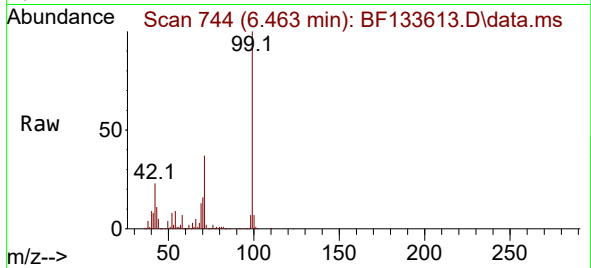
Tgt Ion: 99 Resp: 747357

Ion Ratio Lower Upper

99 100

42 22.7 19.7 29.5

71 37.0 29.8 44.8



#9

Benzaldehyde

Concen: Below Cal

RT: 6.387 min Scan# 731

Delta R.T. 0.000 min

Lab File: BF133613.D

Acq: 07 Jun 2023 04:14

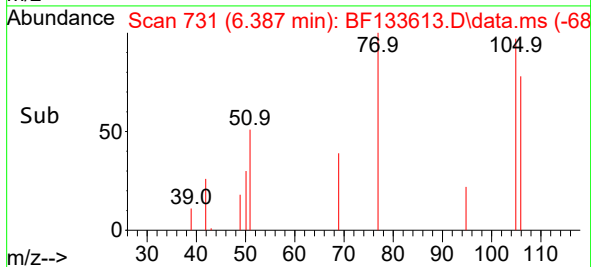
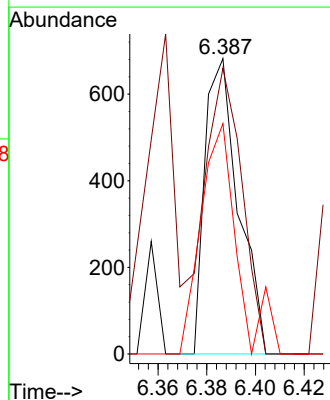
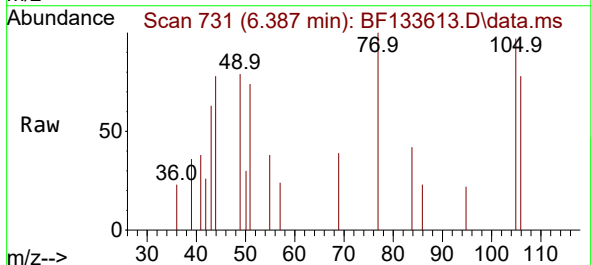
Tgt Ion: 77 Resp: 652

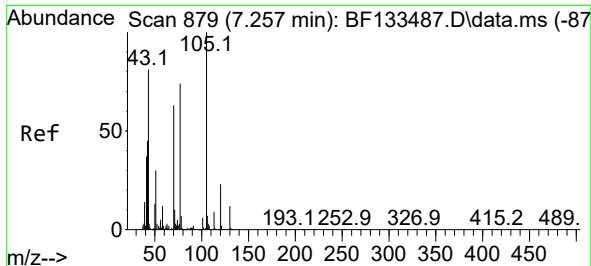
Ion Ratio Lower Upper

77 100

105 96.8 81.9 121.9

106 78.0 77.8 117.8

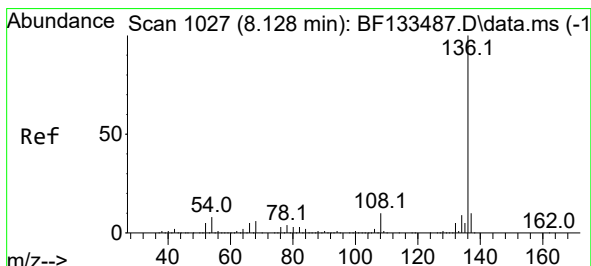
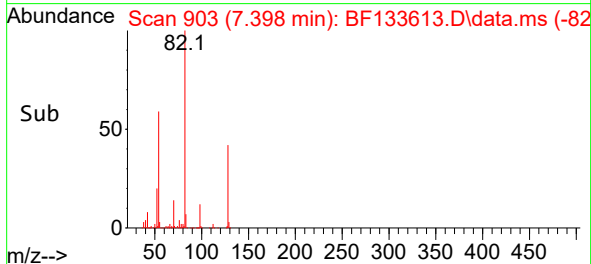
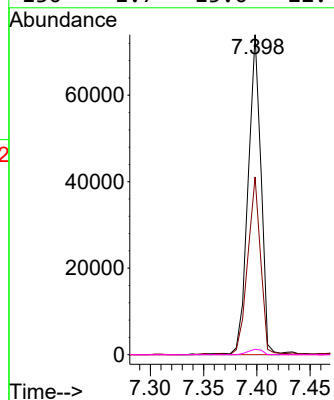
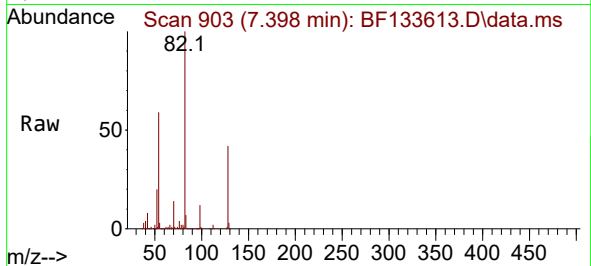




#19
n-Nitroso-di-n-propylamine
Concen: 11.055 ng
RT: 7.398 min Scan# 90
Delta R.T. 0.147 min
Lab File: BF133613.D
Acq: 07 Jun 2023 04:14

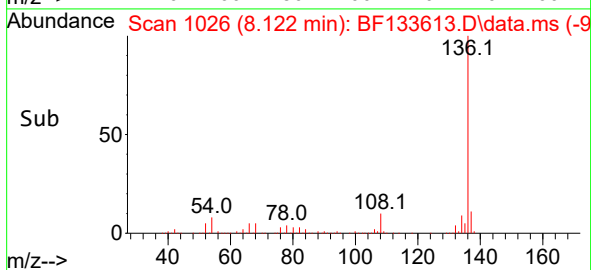
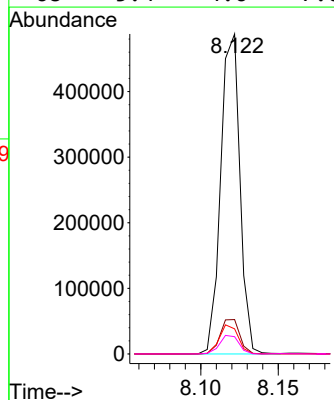
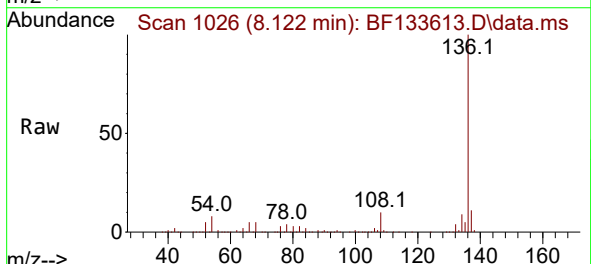
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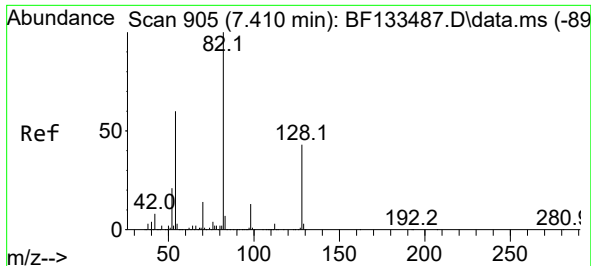
Tgt Ion: 70 Resp: 62508
Ion Ratio Lower Upper
70 100
42 55.6 57.2 85.8#
101 0.0 7.3 10.9#
130 1.7 15.0 22.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF133613.D
Acq: 07 Jun 2023 04:14

Tgt Ion: 136 Resp: 421595
Ion Ratio Lower Upper
136 100
137 10.7 8.2 12.4
54 7.9 6.6 10.0
68 5.4 4.6 7.0

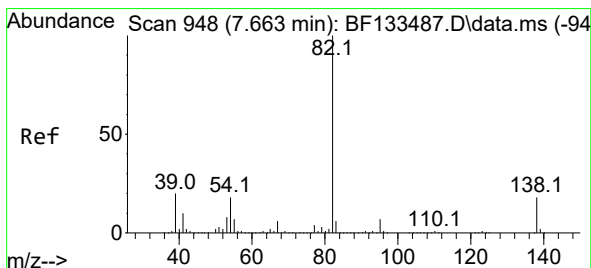
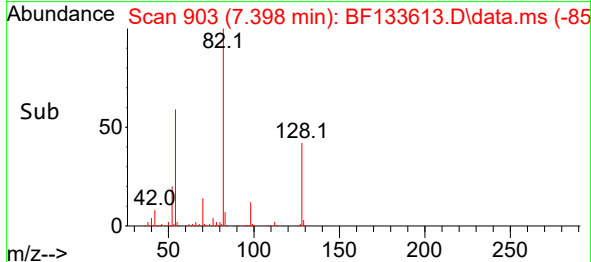
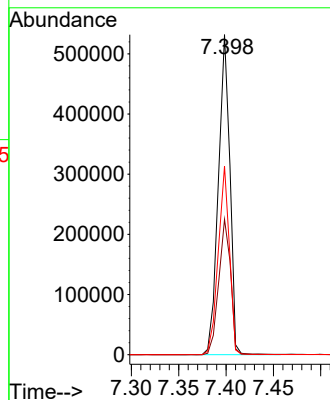
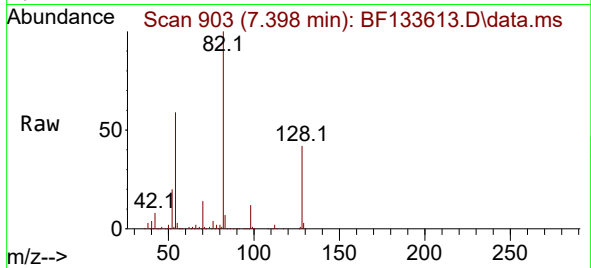




#23
Nitrobenzene-d5
Concen: 71.444 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF133613.D
Acq: 07 Jun 2023 04:14

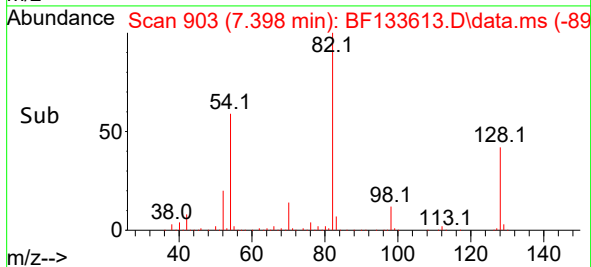
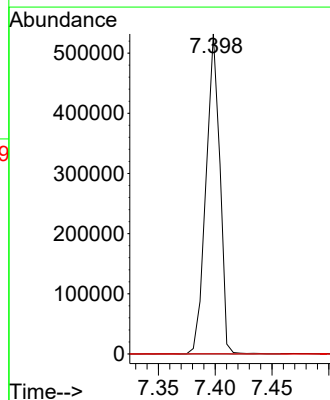
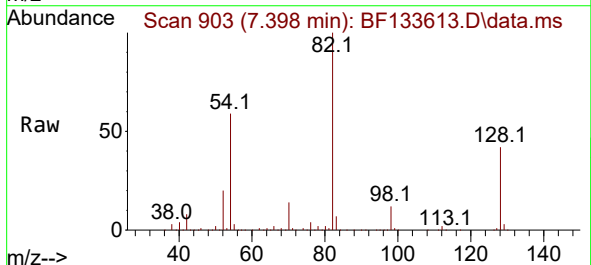
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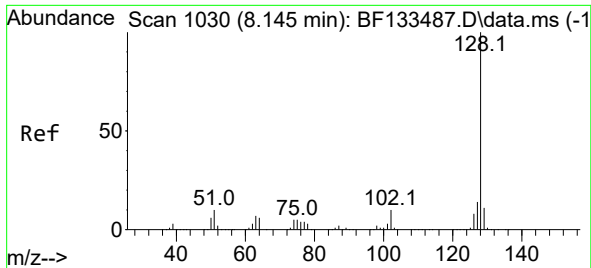
Tgt Ion: 82 Resp: 451116
Ion Ratio Lower Upper
82 100
128 42.3 34.2 51.4
54 59.0 48.2 72.4



#25
Isophorone
Concen: 30.650 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.259 min
Lab File: BF133613.D
Acq: 07 Jun 2023 04:14

Tgt Ion: 82 Resp: 451045
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.4#

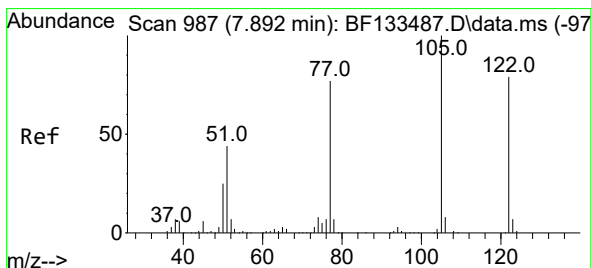
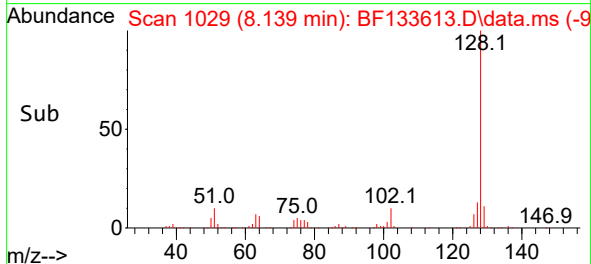
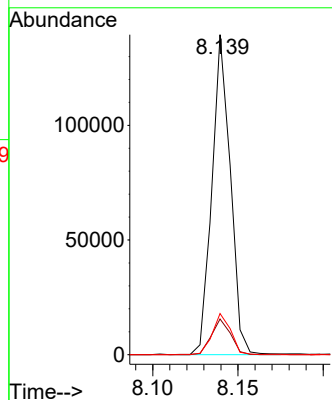
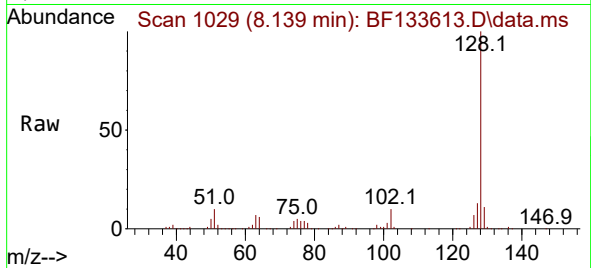




#31
Naphthalene
Concen: 5.130 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF133613.D
Acq: 07 Jun 2023 04:14

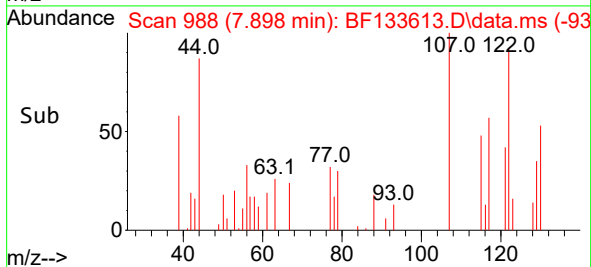
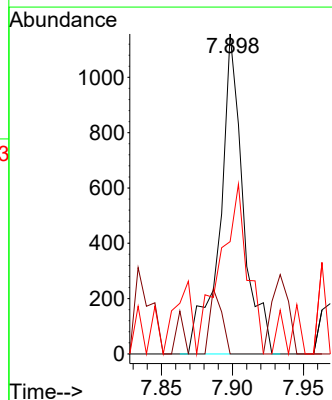
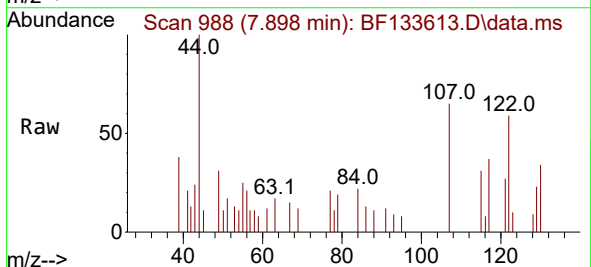
Instrument :
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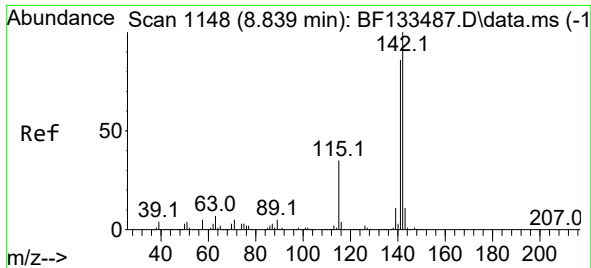
Tgt Ion:128 Resp: 104863
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 12.9 10.9 16.3



#32
Benzoic acid
Concen: 7.620 ng
RT: 7.898 min Scan# 988
Delta R.T. 0.012 min
Lab File: BF133613.D
Acq: 07 Jun 2023 04:14

Tgt Ion:122 Resp: 1319
Ion Ratio Lower Upper
122 100
105 0.0 103.3 143.3#
77 35.1 75.7 115.7#

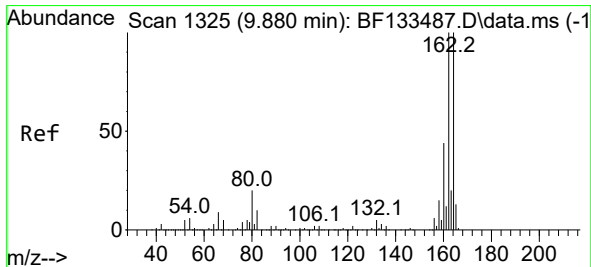
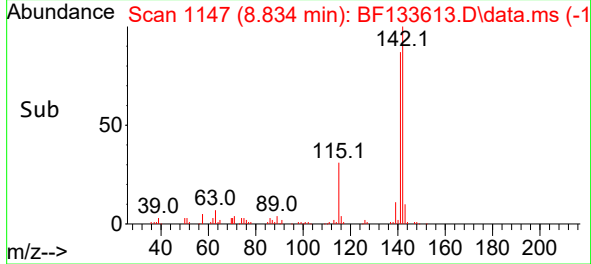
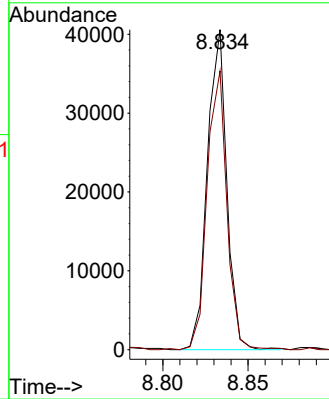
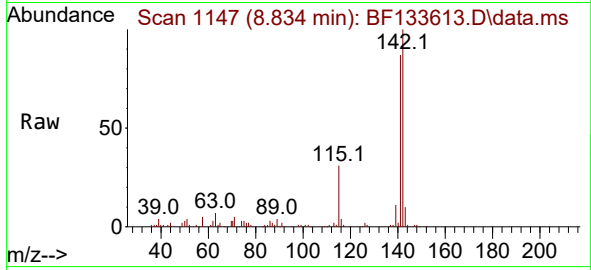




#37
2-Methylnaphthalene
Concen: 2.310 ng
RT: 8.834 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF133613.D
Acq: 07 Jun 2023 04:14

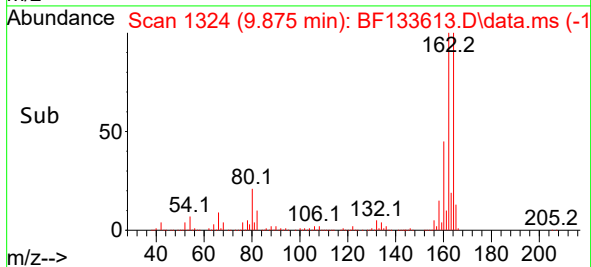
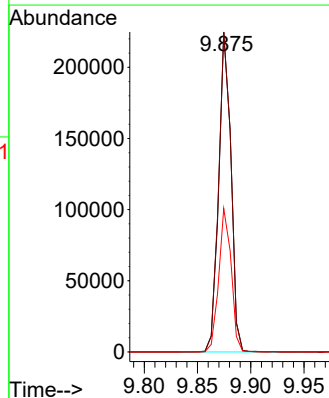
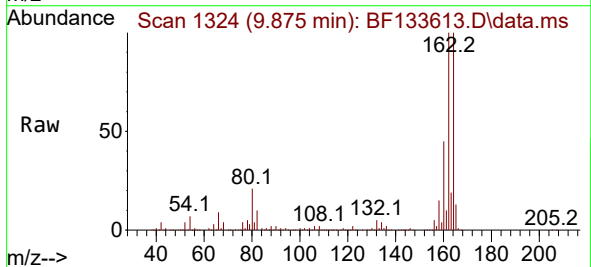
Instrument :
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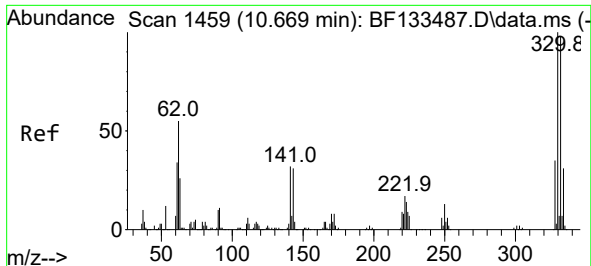
Tgt Ion:142 Resp: 32239
Ion Ratio Lower Upper
142 100
141 87.1 69.2 103.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF133613.D
Acq: 07 Jun 2023 04:14

Tgt Ion:164 Resp: 178746
Ion Ratio Lower Upper
164 100
162 100.1 79.7 119.5
160 44.9 35.4 53.0

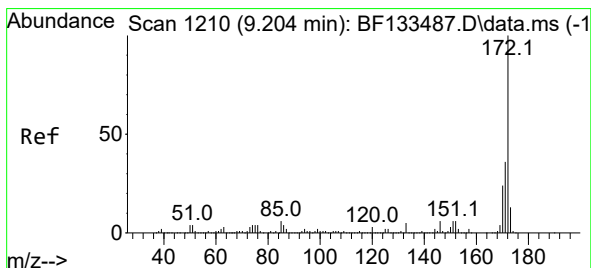
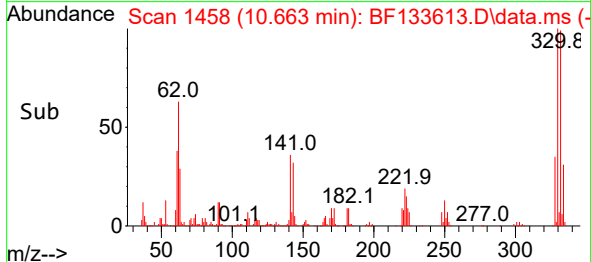
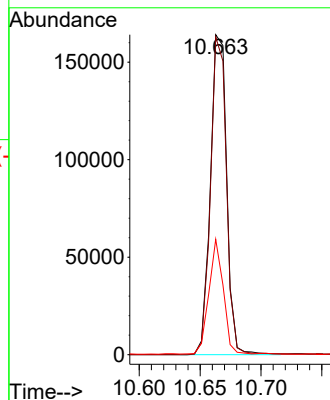
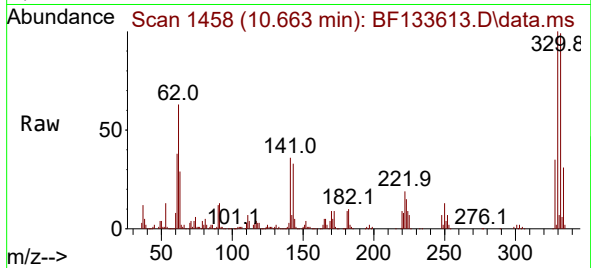




#42
2,4,6-Tribromophenol
Concen: 85.885 ng
RT: 10.663 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF133613.D
Acq: 07 Jun 2023 04:14

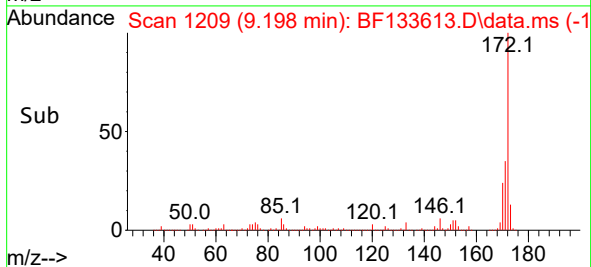
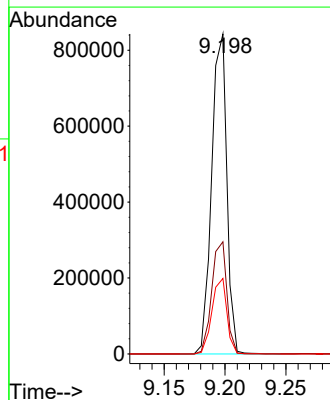
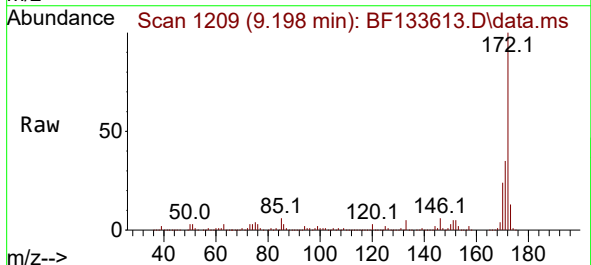
Instrument :
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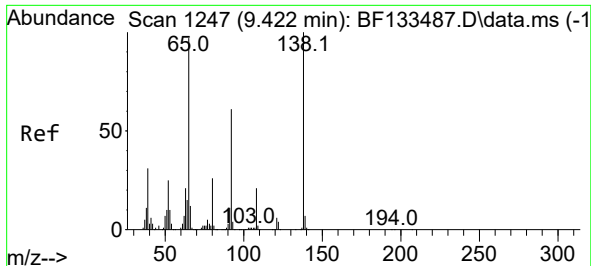
Tgt Ion:330 Resp: 153027
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.6
141 31.6 26.6 40.0



#45
2-Fluorobiphenyl
Concen: 63.111 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF133613.D
Acq: 07 Jun 2023 04:14

Tgt Ion:172 Resp: 730894
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.6 19.3 28.9





#48

2-Nitroaniline

Concen: 4.013 ng

RT: 9.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133613.D

Acq: 07 Jun 2023 04:14

Instrument :

BNA_F

ClientSampleId :

WC03

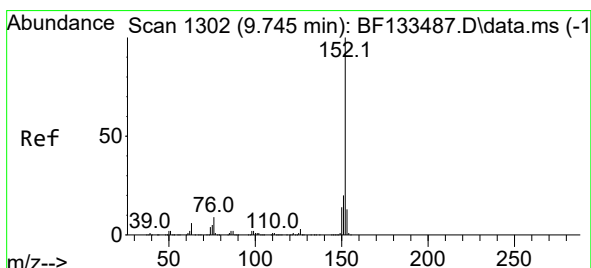
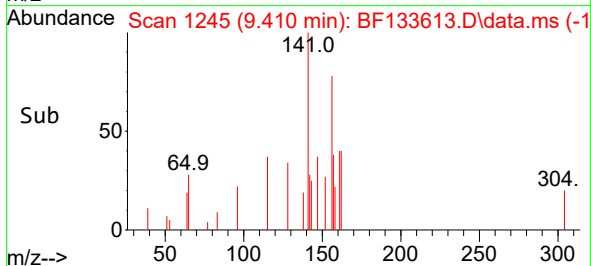
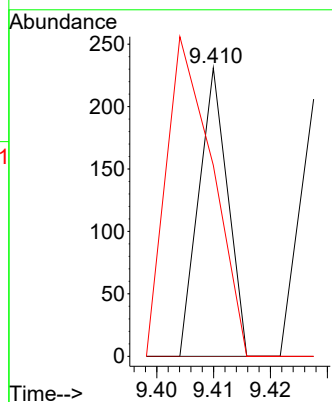
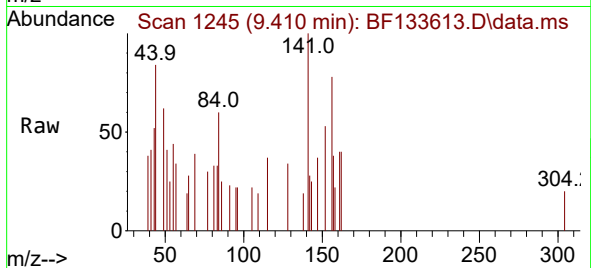
Tgt Ion: 65 Resp: 81

Ion Ratio Lower Upper

65 100

92 0.0 50.8 76.2#

138 66.2 82.6 124.0#



#49

Acenaphthylene

Concen: 8.907 ng

RT: 9.739 min Scan# 1301

Delta R.T. 0.000 min

Lab File: BF133613.D

Acq: 07 Jun 2023 04:14

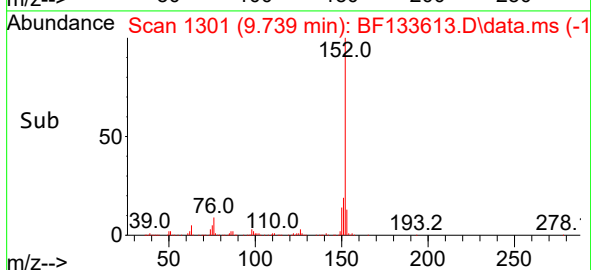
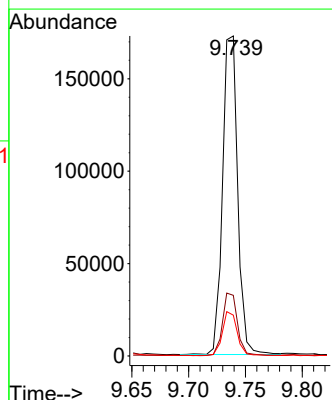
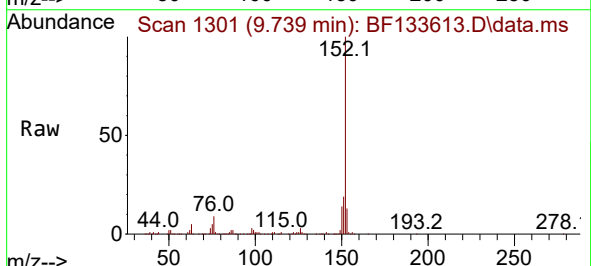
Tgt Ion: 152 Resp: 159973

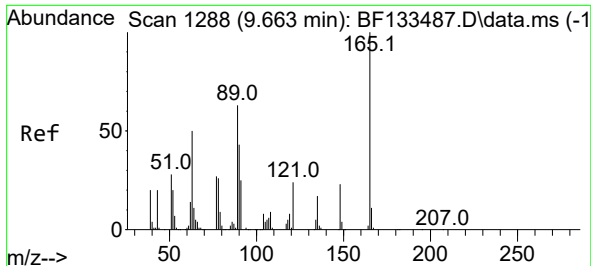
Ion Ratio Lower Upper

152 100

151 19.0 16.0 24.0

153 12.8 10.4 15.6

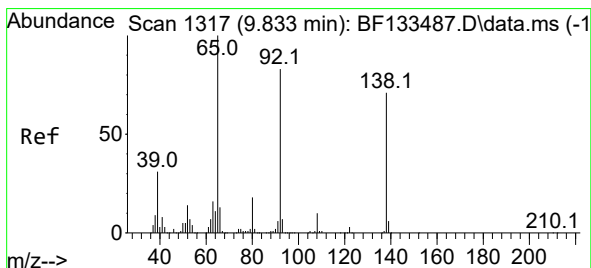
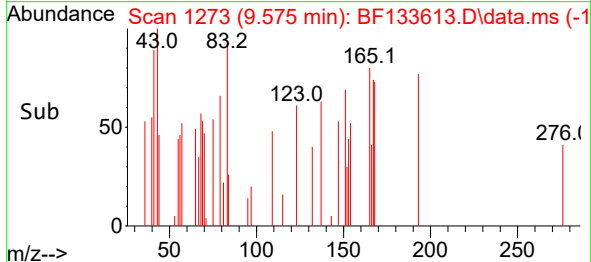
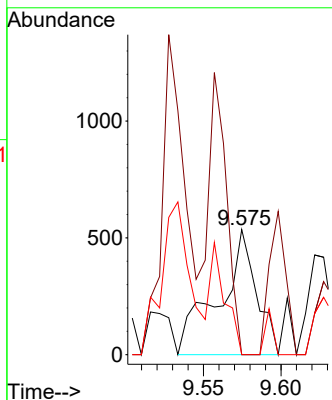
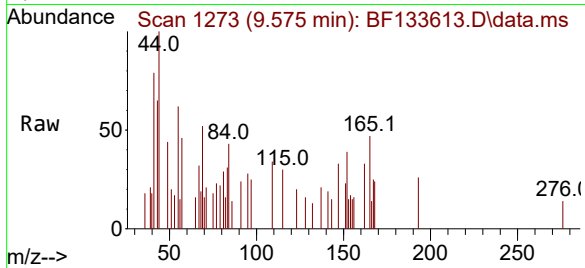




#51
2,6-Dinitrotoluene
Concen: 4.033 ng
RT: 9.575 min Scan# 11
Delta R.T. -0.088 min
Lab File: BF133613.D
Acq: 07 Jun 2023 04:14

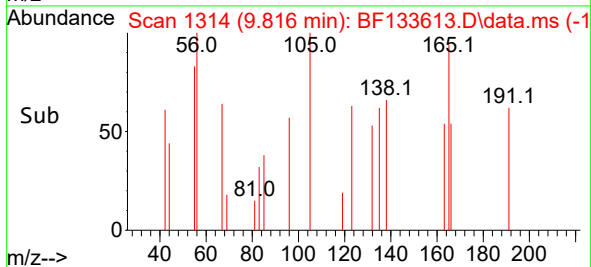
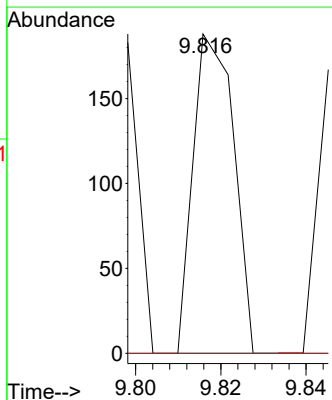
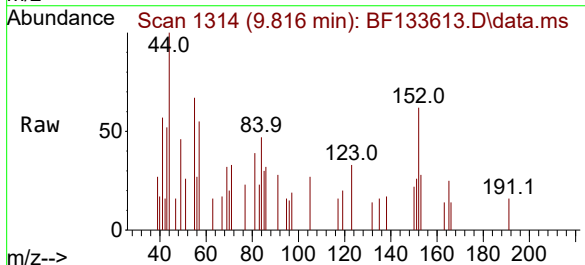
Instrument :
BNA_F
ClientSampleId :
WC03

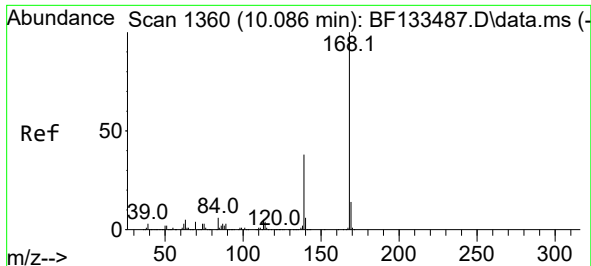
Tgt Ion:165 Resp: 906
Ion Ratio Lower Upper
165 100
63 0.0 57.0 85.4#
89 0.0 50.8 76.2#



#53
3-Nitroaniline
Concen: 3.218 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.018 min
Lab File: BF133613.D
Acq: 07 Jun 2023 04:14

Tgt Ion:138 Resp: 124
Ion Ratio Lower Upper
138 100
108 0.0 11.9 17.9#
92 0.0 93.1 139.7#

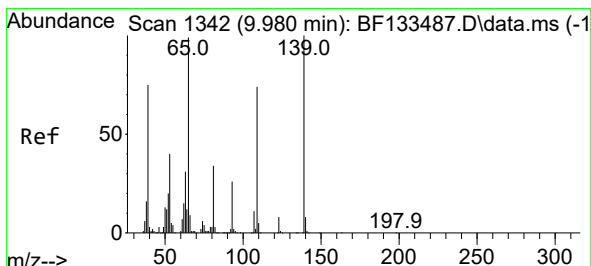
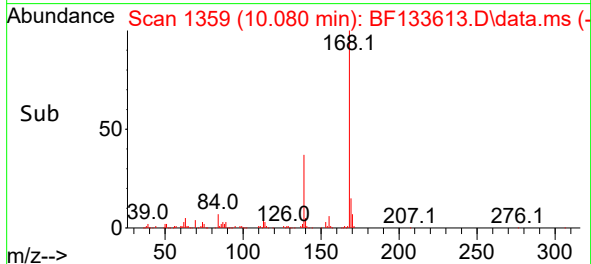
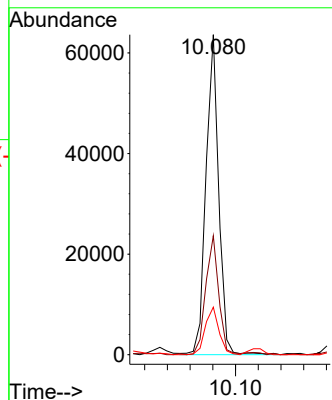
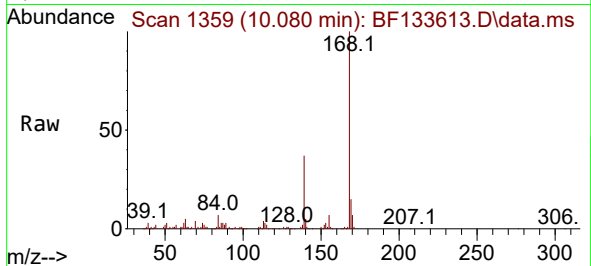




#55
Dibenzenofuran
Concen: 3.053 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF133613.D
Acq: 07 Jun 2023 04:14

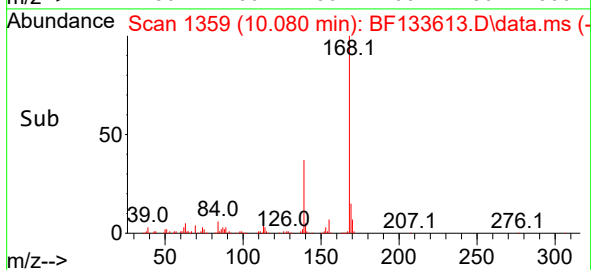
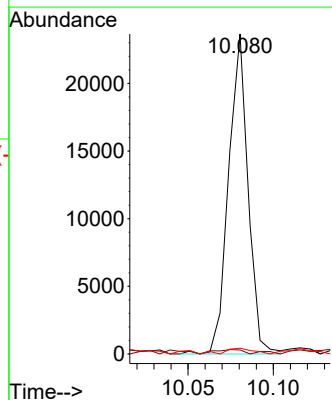
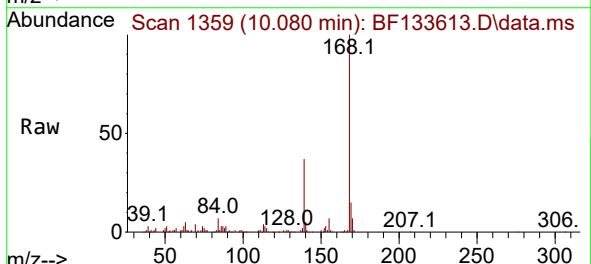
Instrument :
BNA_F
ClientSampleId :
WC03

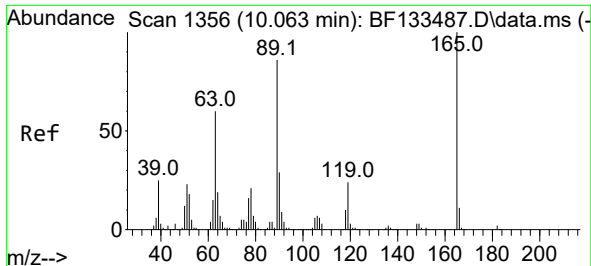
Tgt Ion:168 Resp: 49420
Ion Ratio Lower Upper
168 100
139 37.2 30.6 46.0
169 14.9 10.9 16.3



#56
4-Nitrophenol
Concen: 8.744 ng
RT: 10.080 min Scan# 1359
Delta R.T. 0.100 min
Lab File: BF133613.D
Acq: 07 Jun 2023 04:14

Tgt Ion:139 Resp: 18795
Ion Ratio Lower Upper
139 100
109 1.3 54.5 94.5#
65 1.8 79.5 119.5#

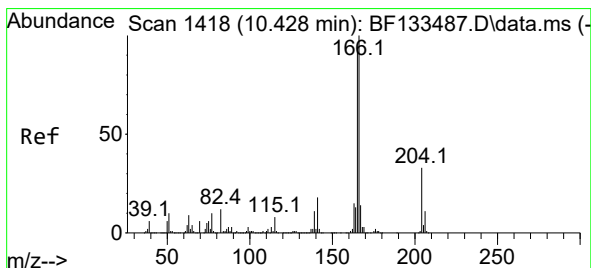
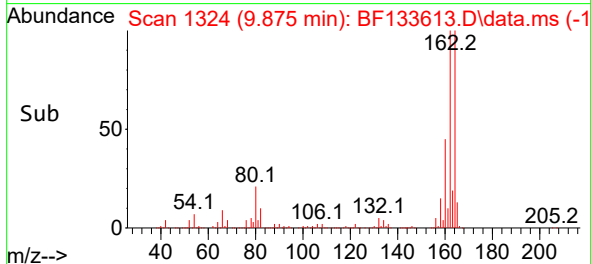
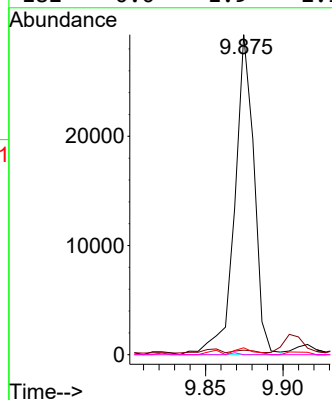
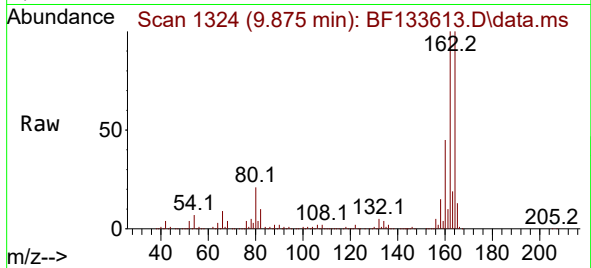




#57
2,4-Dinitrotoluene
Concen: 12.460 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF133613.D
Acq: 07 Jun 2023 04:14

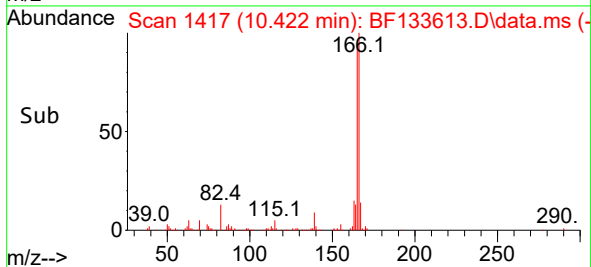
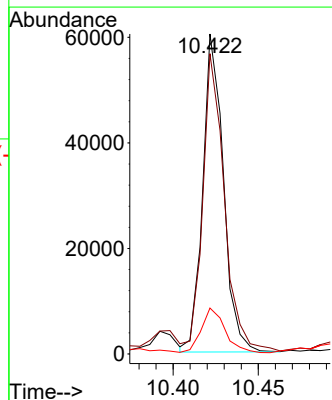
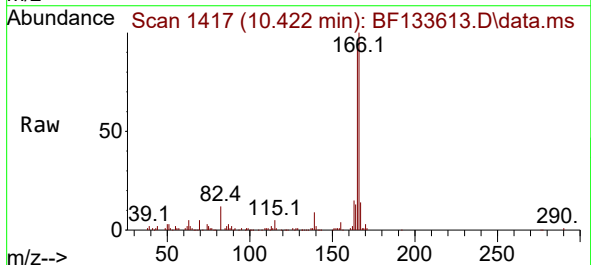
Instrument :
BNA_F
ClientSampleId :
WC03

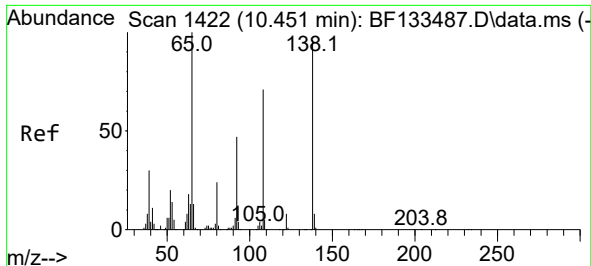
Tgt Ion:165 Resp: 25378
Ion Ratio Lower Upper
165 100
63 1.4 48.1 72.1#
89 2.1 68.4 102.6#
182 0.0 1.9 2.9#



#58
Fluorene
Concen: 4.297 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF133613.D
Acq: 07 Jun 2023 04:14

Tgt Ion:166 Resp: 50961
Ion Ratio Lower Upper
166 100
165 93.8 73.4 110.0
167 14.4 10.9 16.3

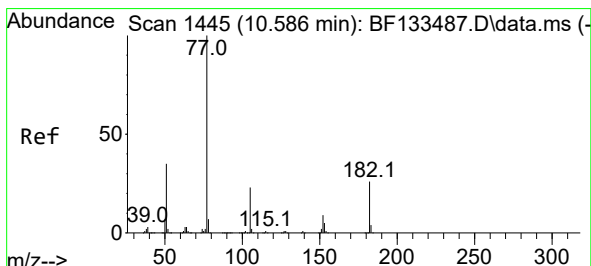
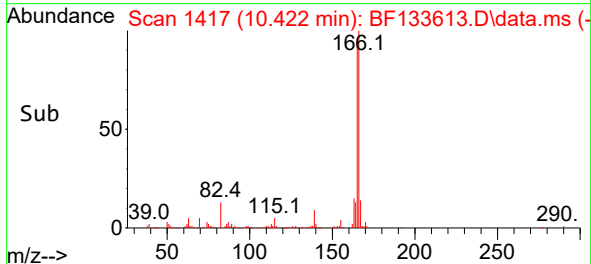
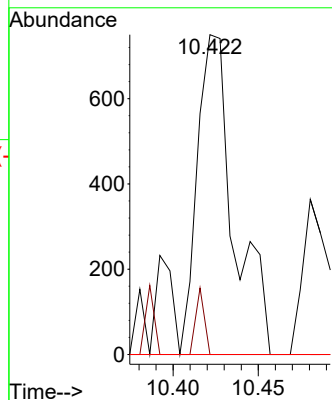
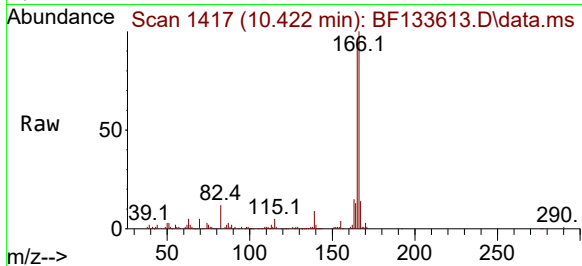




#62
4-Nitroaniline
Concen: 3.334 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.023 min
Lab File: BF133613.D
Acq: 07 Jun 2023 04:14

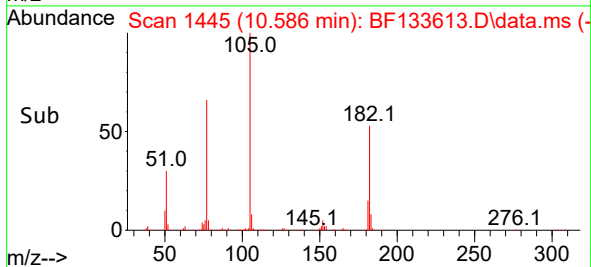
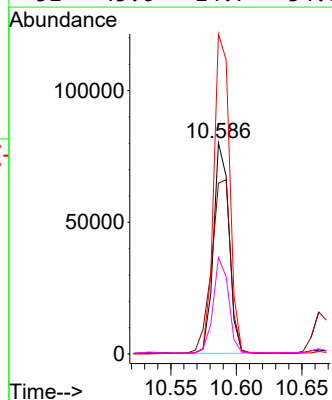
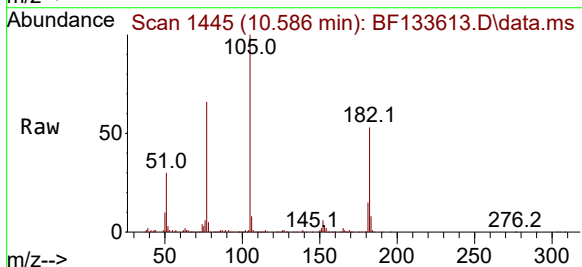
Instrument :
BNA_F
ClientSampleId :
WC03

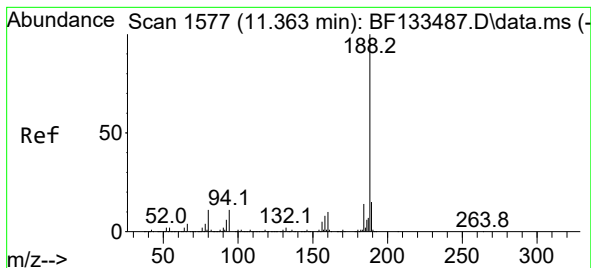
Tgt Ion:138 Resp: 1122
Ion Ratio Lower Upper
138 100
92 0.0 28.4 68.4#
108 0.0 54.2 94.2#



#63
Azobenzene
Concen: 5.031 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF133613.D
Acq: 07 Jun 2023 04:14

Tgt Ion: 77 Resp: 65683
Ion Ratio Lower Upper
77 100
182 80.8 5.6 45.6#
105 151.5 2.6 42.6#
51 45.6 14.7 54.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF133613.D

Acq: 07 Jun 2023 04:14

Instrument :

BNA_F

ClientSampleId :

WC03

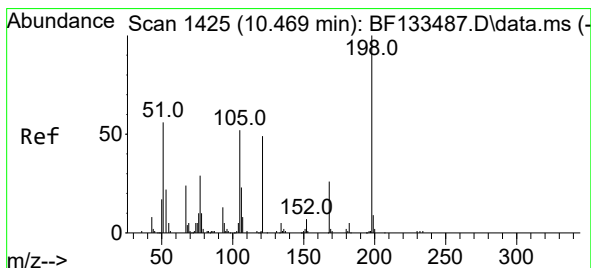
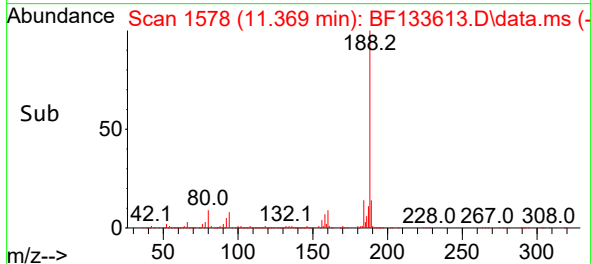
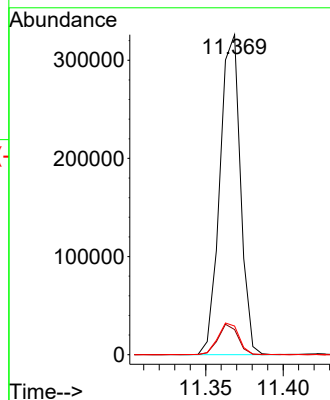
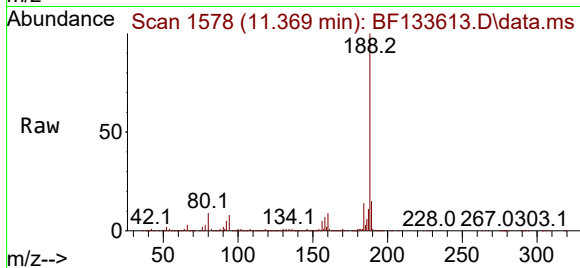
Tgt Ion:188 Resp: 301392

Ion Ratio Lower Upper

188 100

94 7.9 8.6 12.8#

80 9.0 9.2 13.8#



#65

4,6-Dinitro-2-methylphenol

Concen: 8.934 ng

RT: 10.663 min Scan# 1458

Delta R.T. 0.188 min

Lab File: BF133613.D

Acq: 07 Jun 2023 04:14

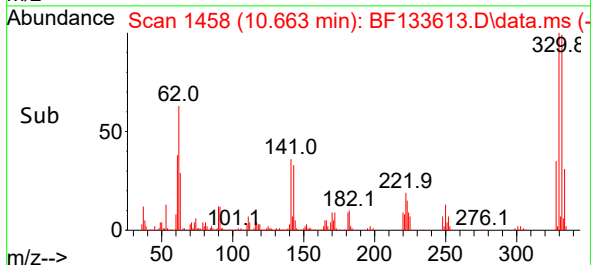
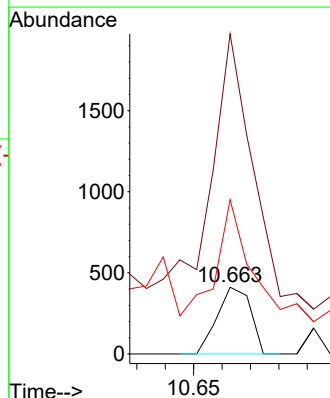
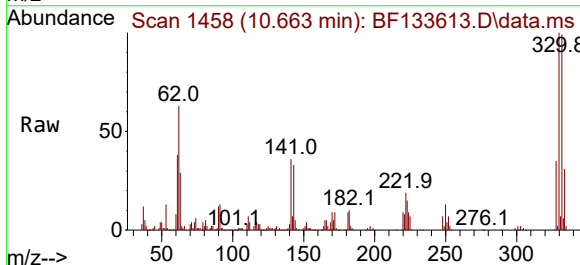
Tgt Ion:198 Resp: 335

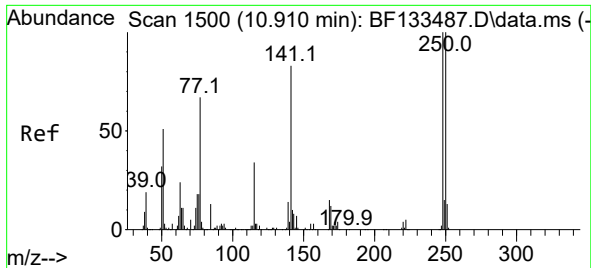
Ion Ratio Lower Upper

198 100

51 478.9 53.6 93.6#

105 230.8 35.9 75.9#

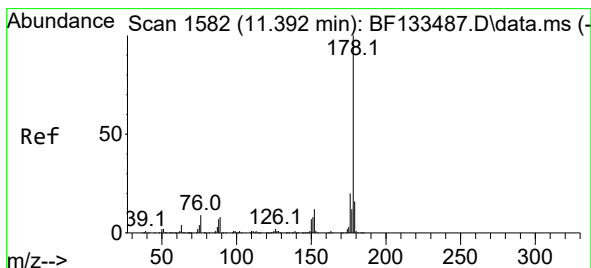
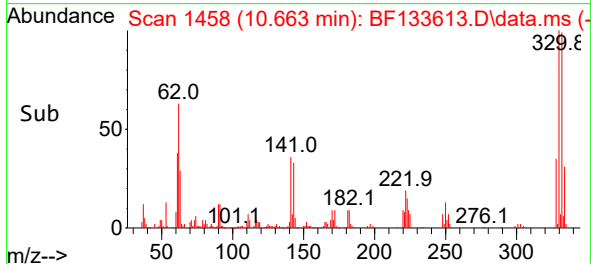
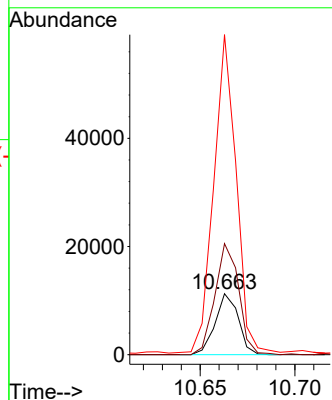
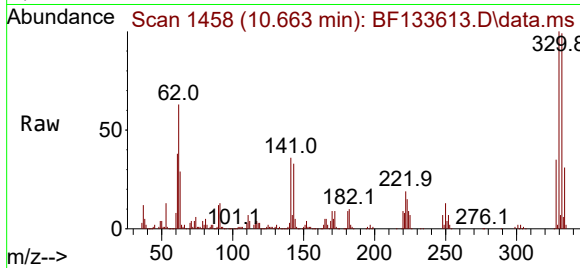




#67
4-Bromophenyl-phenylether
Concen: 2.996 ng
RT: 10.663 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF133613.D
Acq: 07 Jun 2023 04:14

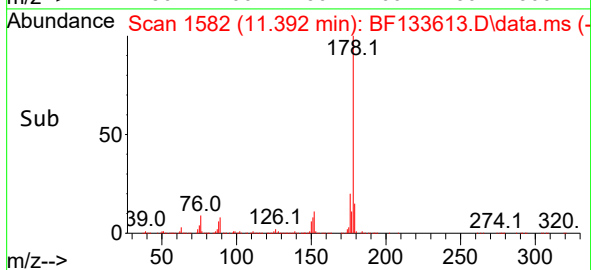
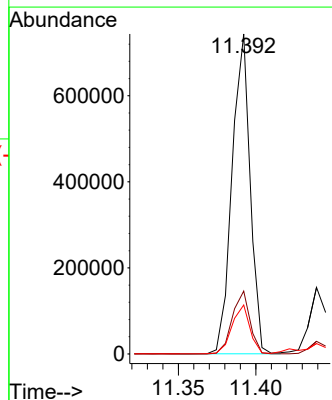
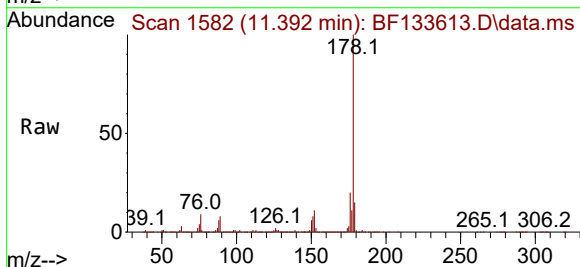
Instrument :
BNA_F
ClientSampleId :
WC03

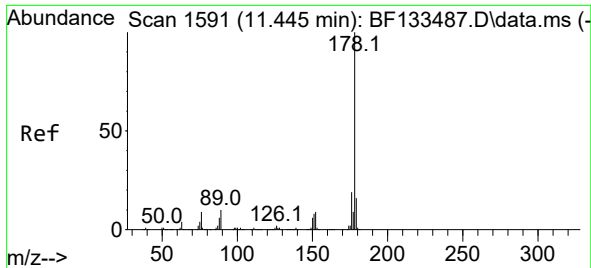
Tgt Ion:248 Resp: 9590
Ion Ratio Lower Upper
248 100
250 181.8 79.7 119.5#
141 524.2 66.6 100.0#



#71
Phenanthrene
Concen: 39.565 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF133613.D
Acq: 07 Jun 2023 04:14

Tgt Ion:178 Resp: 603974
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 15.3 12.4 18.6

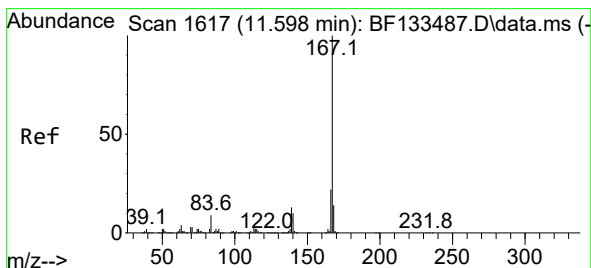
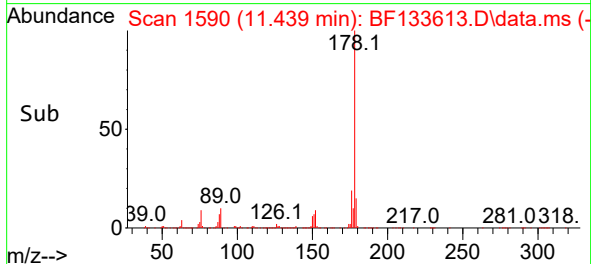
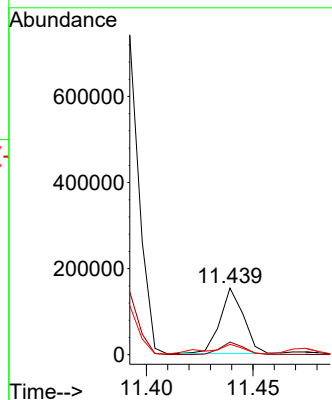
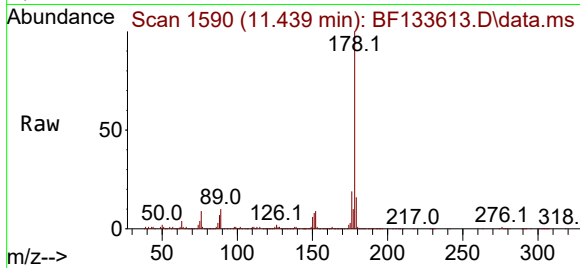




#72
 Anthracene
 Concen: 7.439 ng
 RT: 11.439 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133613.D
 Acq: 07 Jun 2023 04:14

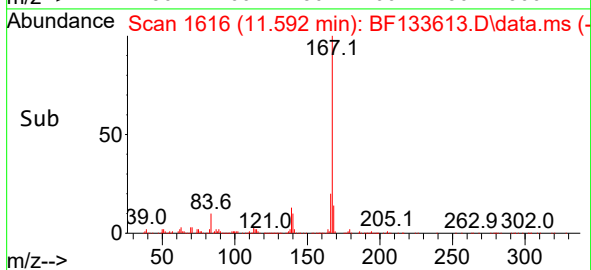
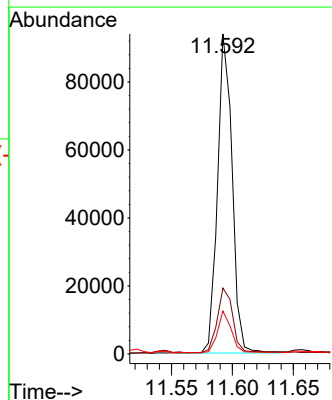
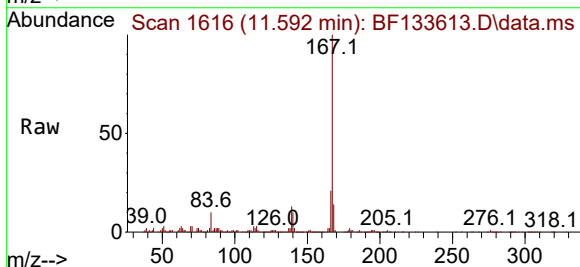
Instrument :
 BNA_F
 ClientSampleId :
 WC03

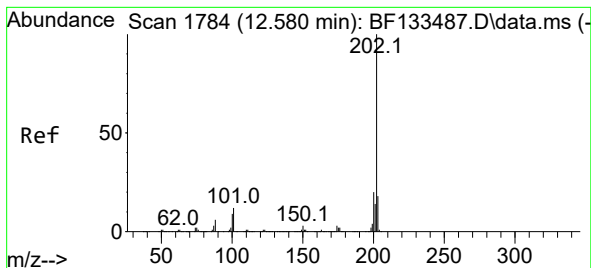
Tgt Ion:178 Resp: 116875
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.3 22.9
 179 15.7 12.6 18.8



#73
 Carbazole
 Concen: 5.294 ng
 RT: 11.592 min Scan# 1616
 Delta R.T. -0.006 min
 Lab File: BF133613.D
 Acq: 07 Jun 2023 04:14

Tgt Ion:167 Resp: 78653
 Ion Ratio Lower Upper
 167 100
 166 20.6 17.3 25.9
 139 13.4 10.7 16.1





#75

Fluoranthene

Concen: 57.563 ng

RT: 12.586 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133613.D

Acq: 07 Jun 2023 04:14

Instrument :

BNA_F

ClientSampleId :

WC03

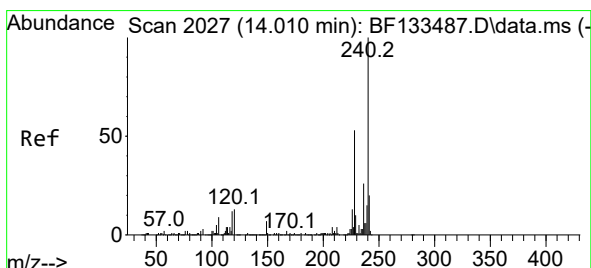
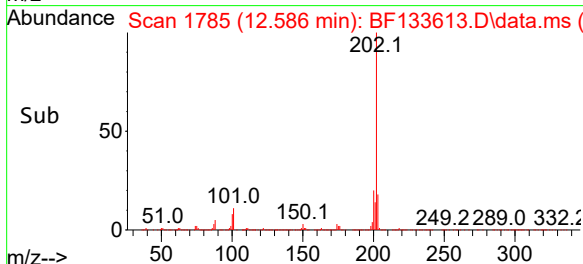
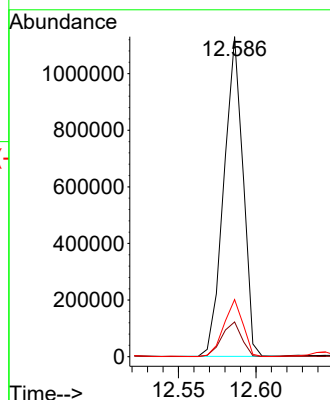
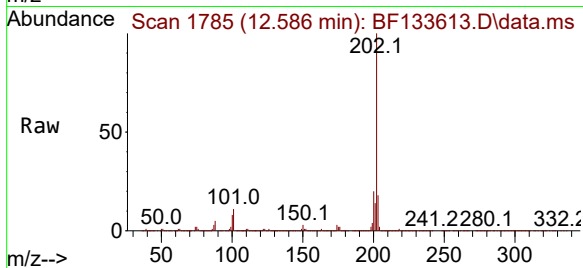
Tgt Ion:202 Resp: 970610

Ion Ratio Lower Upper

202 100

101 10.8 0.0 32.2

203 17.9 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF133613.D

Acq: 07 Jun 2023 04:14

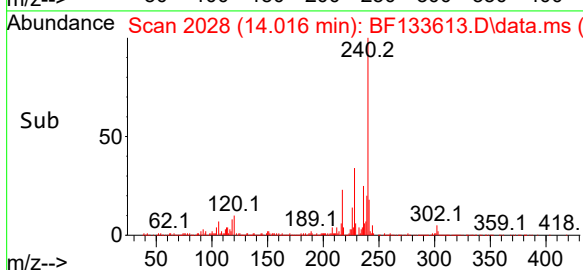
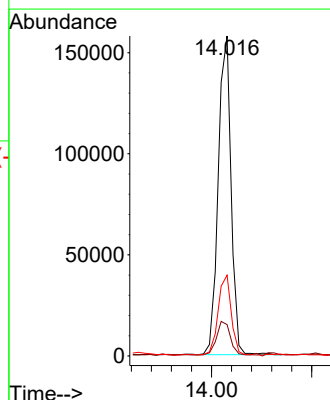
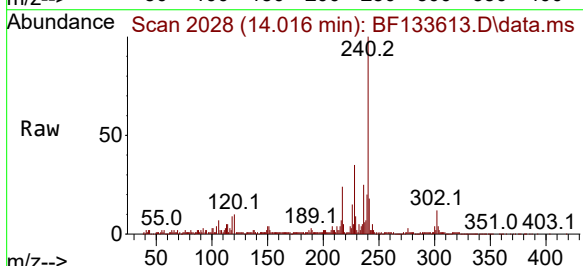
Tgt Ion:240 Resp: 140026

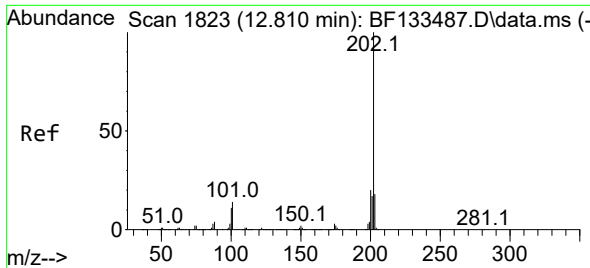
Ion Ratio Lower Upper

240 100

120 9.8 10.3 15.5#

236 25.2 20.5 30.7

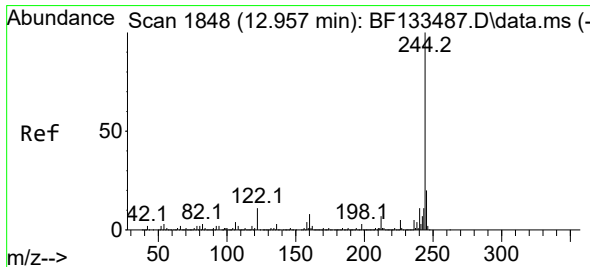
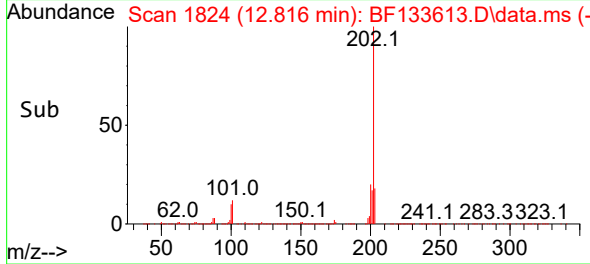
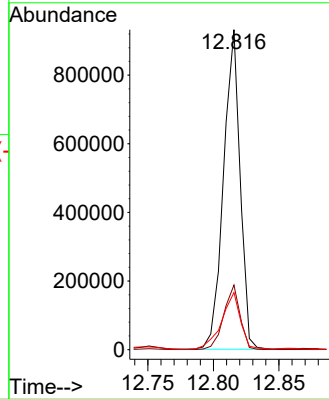
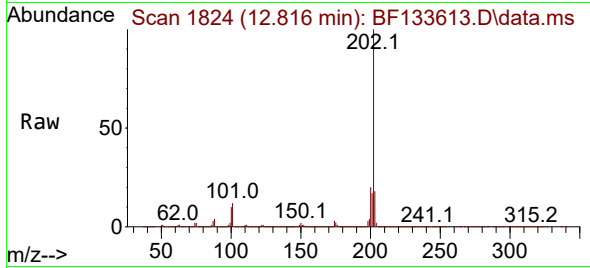




#78
 Pyrene
 Concen: 68.599 ng
 RT: 12.816 min Scan# 1823
 Delta R.T. 0.006 min
 Lab File: BF133613.D
 Acq: 07 Jun 2023 04:14

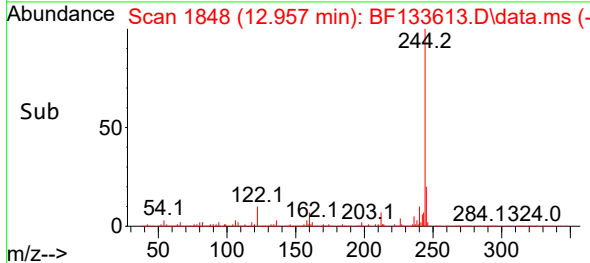
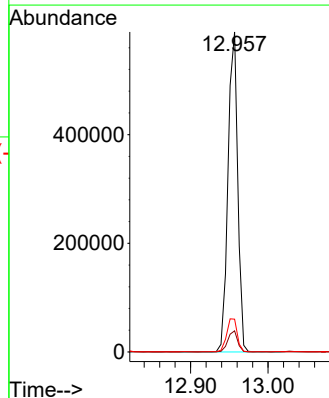
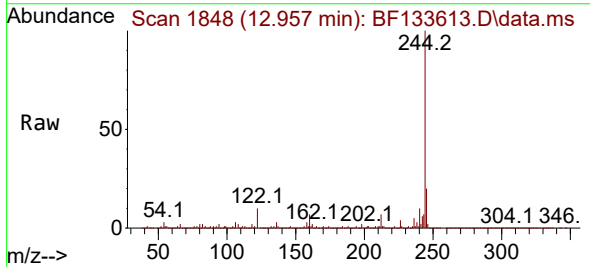
Instrument :
 BNA_F
 ClientSampleId :
 WC03

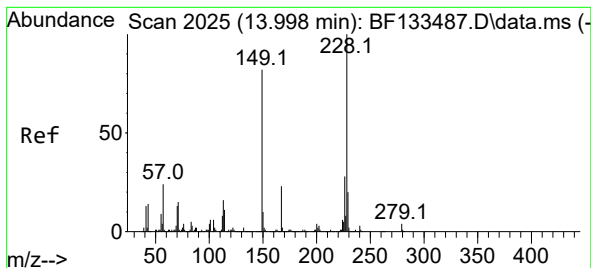
Tgt Ion:202 Resp: 817393
 Ion Ratio Lower Upper
 202 100
 200 20.2 16.3 24.5
 203 17.9 14.3 21.5



#79
 Terphenyl-d14
 Concen: 65.065 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: BF133613.D
 Acq: 07 Jun 2023 04:14

Tgt Ion:244 Resp: 512419
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.6
 122 10.3 8.5 12.7





#81

Benzo(a)anthracene

Concen: 39.100 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF133613.D

Acq: 07 Jun 2023 04:14

Instrument :

BNA_F

ClientSampleId :

WC03

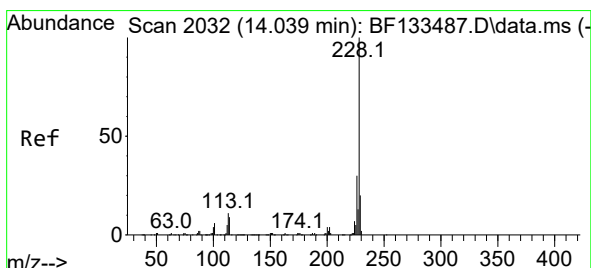
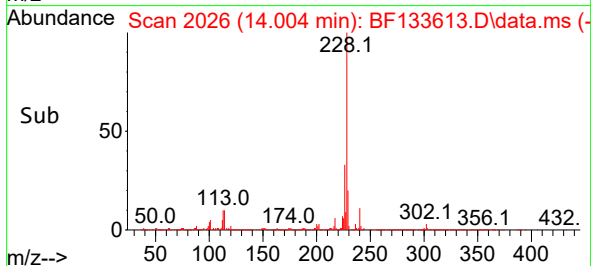
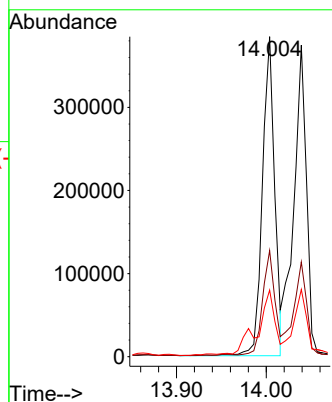
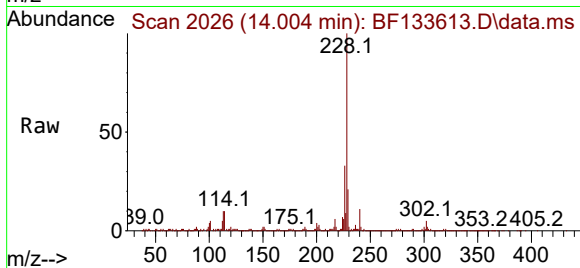
Tgt Ion:228 Resp: 364724

Ion Ratio Lower Upper

228 100

226 33.1 22.3 33.5

229 20.8 16.1 24.1



#83

Chrysene

Concen: 38.982 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF133613.D

Acq: 07 Jun 2023 04:14

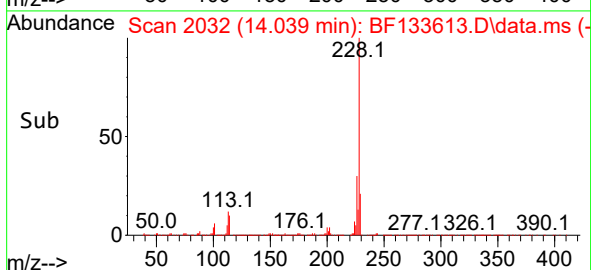
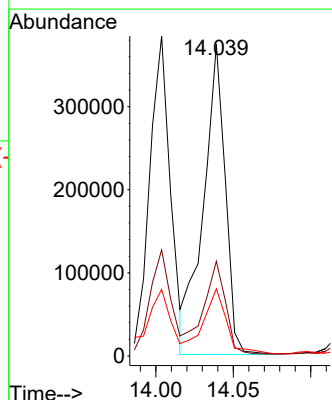
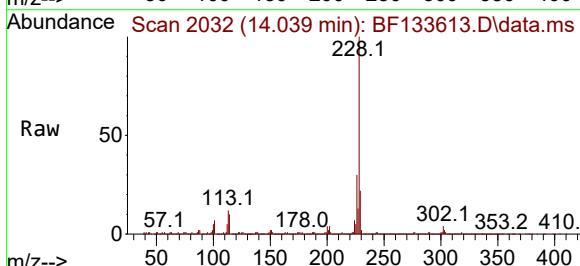
Tgt Ion:228 Resp: 367088

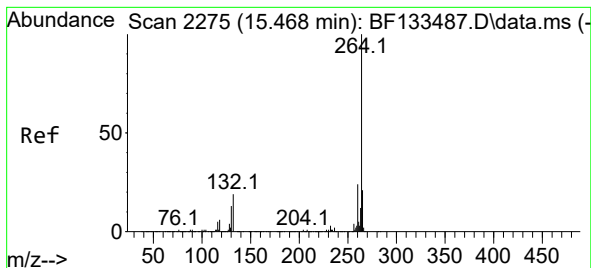
Ion Ratio Lower Upper

228 100

226 30.4 24.1 36.1

229 21.6 15.8 23.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF133613.D

Acq: 07 Jun 2023 04:14

Instrument :

BNA_F

ClientSampleId :

WC03

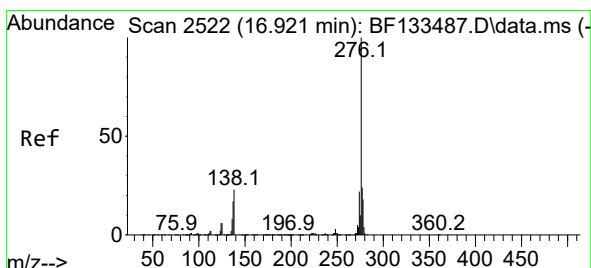
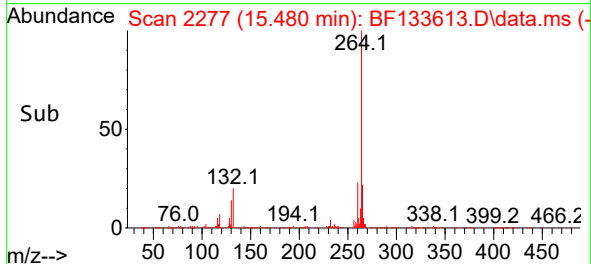
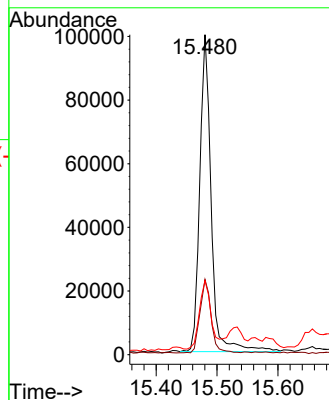
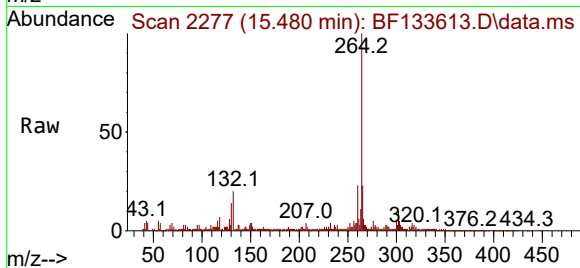
Tgt Ion:264 Resp: 129108

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 23.1 16.8 25.2



#87

Indeno(1,2,3-cd)pyrene

Concen: 20.925 ng

RT: 16.945 min Scan# 2526

Delta R.T. 0.012 min

Lab File: BF133613.D

Acq: 07 Jun 2023 04:14

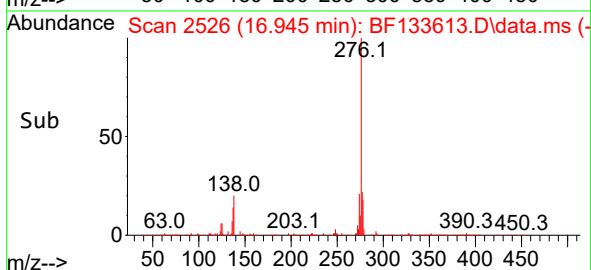
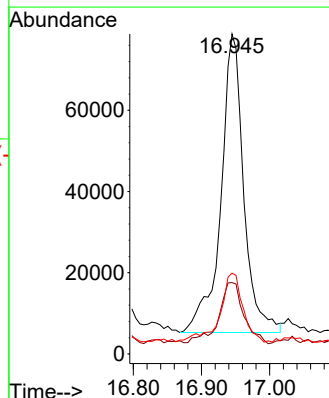
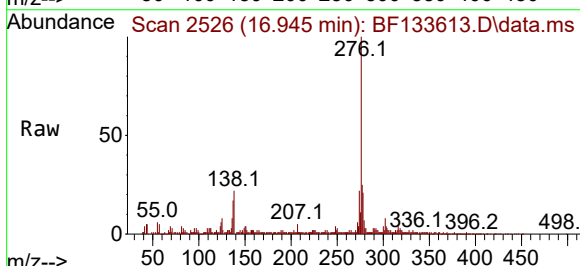
Tgt Ion:276 Resp: 172088

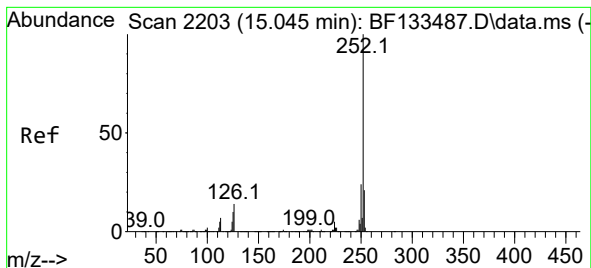
Ion Ratio Lower Upper

276 100

138 22.5 21.4 32.2

277 24.8 20.0 30.0





#88

Benzo(b)fluoranthene

Concen: 67.858 ng

RT: 15.057 min Scan# 2205

Delta R.T. 0.012 min

Lab File: BF133613.D

Acq: 07 Jun 2023 04:14

Instrument :

BNA_F

ClientSampleId :

WC03

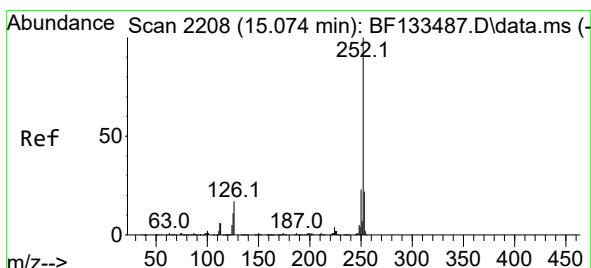
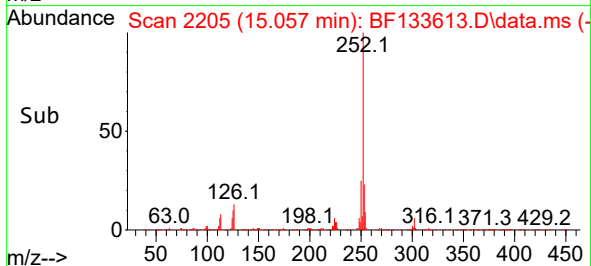
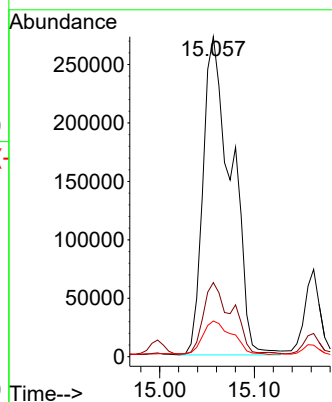
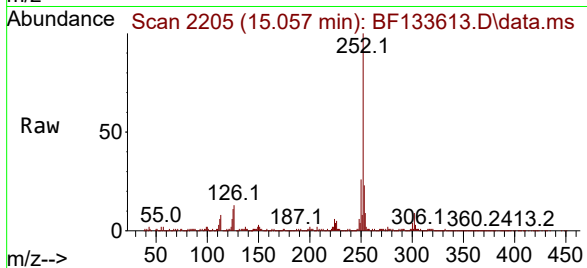
Tgt Ion:252 Resp: 570495

Ion Ratio Lower Upper

252 100

253 23.2 17.2 25.8

125 11.2 8.1 12.1



#89

Benzo(k)fluoranthene

Concen: 69.593 ng

RT: 15.057 min Scan# 2205

Delta R.T. -0.018 min

Lab File: BF133613.D

Acq: 07 Jun 2023 04:14

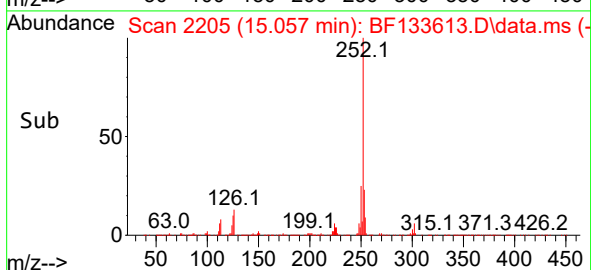
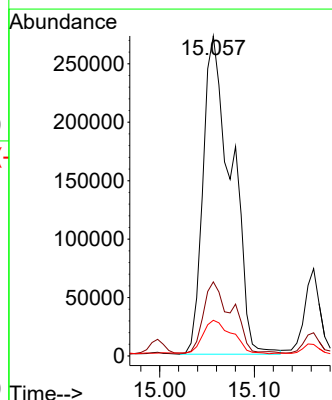
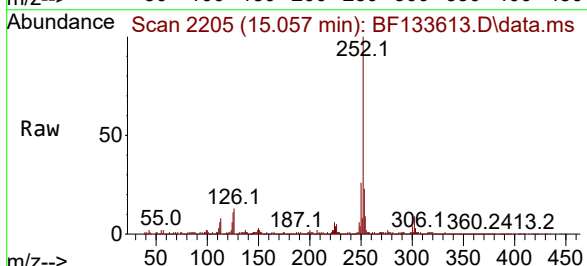
Tgt Ion:252 Resp: 570495

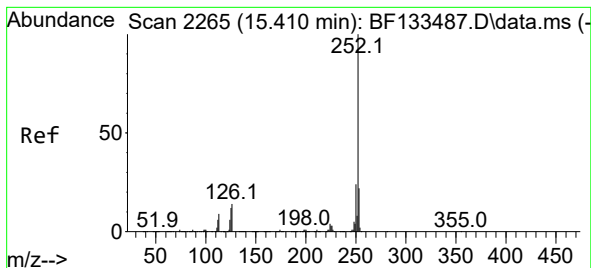
Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.2

125 11.2 8.3 12.5





#90

Benzo(a)pyrene

Concen: 32.735 ng

RT: 15.421 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF133613.D

Acq: 07 Jun 2023 04:14

Instrument :

BNA_F

ClientSampleId :

WC03

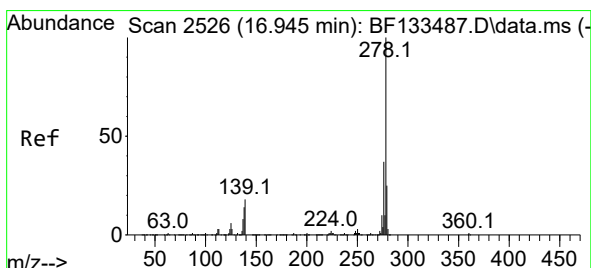
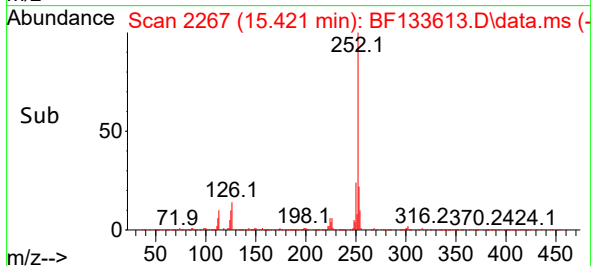
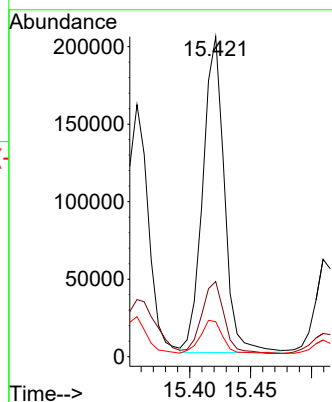
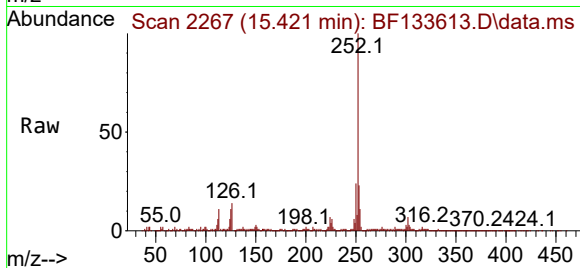
Tgt Ion:252 Resp: 250420

Ion Ratio Lower Upper

252 100

253 23.5 17.4 26.0

125 11.0 9.4 14.0



#91

Dibenzo(a,h)anthracene

Concen: 5.785 ng

RT: 16.951 min Scan# 2527

Delta R.T. 0.000 min

Lab File: BF133613.D

Acq: 07 Jun 2023 04:14

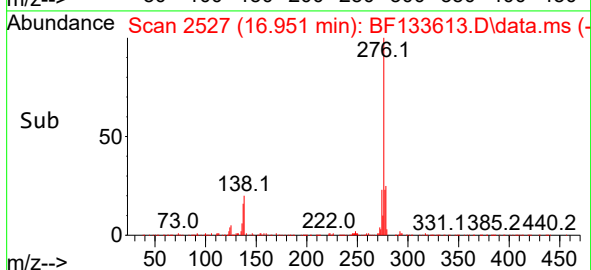
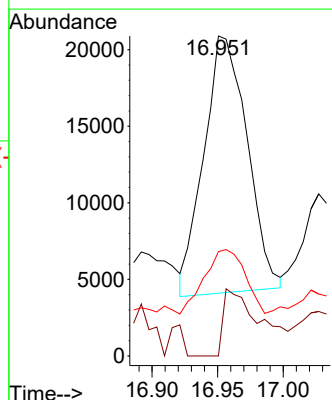
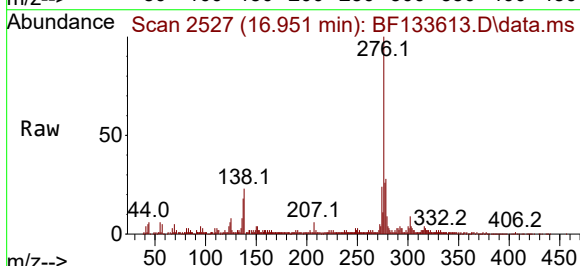
Tgt Ion:278 Resp: 38574

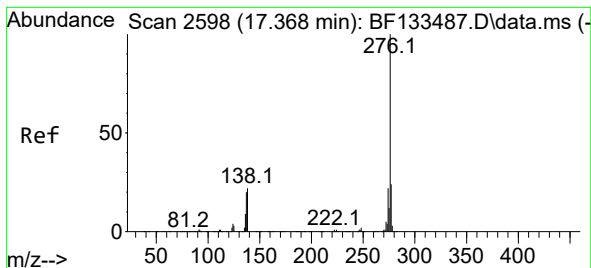
Ion Ratio Lower Upper

278 100

139 0.0 14.1 21.1#

279 32.6 19.7 29.5#





#92

Benzo(g,h,i)perylene

Concen: 26.382 ng

RT: 17.392 min Scan# 20

Delta R.T. 0.018 min

Lab File: BF133613.D

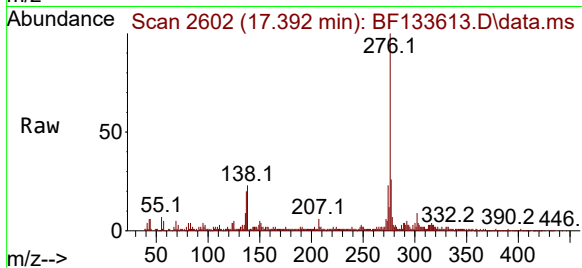
Acq: 07 Jun 2023 04:14

Instrument :

BNA_F

ClientSampleId :

WC03



Tgt Ion:276 Resp: 177375

Ion Ratio Lower Upper

276 100

277 25.8 18.8 28.2

138 22.9 17.8 26.6

