

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
 Data File : BF131110.D
 Acq On : 10 Nov 2022 03:03
 Operator : CG\JU
 Sample : N5511-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-05-110722

Quant Time: Nov 10 04:36:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 04:15:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	73077	20.000	ng	0.02
21) Naphthalene-d8	8.198	136	213935	20.000	ng	# 0.02
39) Acenaphthene-d10	9.934	164	157519	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	245392	20.000	ng	0.00
76) Chrysene-d12	14.080	240	168342	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	177989	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	269492	62.715	ng	0.02
7) Phenol-d6	6.534	99	461487	82.146	ng	0.01
23) Nitrobenzene-d5	7.316	82	36735	7.747	ng	-0.15
42) 2,4,6-Tribromophenol	10.728	330	150043	92.169	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	692657	61.385	ng	0.00
79) Terphenyl-d14	13.016	244	574023	59.786	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.440	42	19830	5.919	ng	# 5
6) Aniline	6.610	93	23064	3.344	ng	# 1
9) Benzaldehyde	6.463	77	855060	233.895	ng	# 1
15) Benzyl Alcohol	7.069	79	24560	5.716	ng	# 26
17) 2-Methylphenol	7.198	107	44427	10.745	ng	# 1
18) Hexachloroethane	7.410	117	153638	73.784	ng	# 1
19) n-Nitroso-di-n-propyla...	7.345	70	64942	17.606	ng	# 55
20) 3+4-Methylphenols	7.310	107	10608	2.053	ng	# 1
22) Acetophenone	7.310	105	2135308	398.838	ng	# 56
24) Nitrobenzene	7.493	77	105426	22.953	ng	# 13
25) Isophorone	7.810	82	51682	7.049	ng	# 51
27) 2,4-Dimethylphenol	7.857	122	12790	4.092	ng	# 1
28) bis(2-Chloroethoxy)met...	7.945	93	54223	13.050	ng	# 80
29) 2,4-Dichlorophenol	8.051	162	89716	26.850	ng	# 30
31) Naphthalene	8.228	128	3279633	280.563	ng	97
32) Benzoic acid	7.975	122	1854	6.462	ng	# 1
33) 4-Chloroaniline	8.228	127	562765	120.063	ng	# 33
35) Caprolactam	8.634	113	3409	3.328	ng	# 1
37) 2-Methylnaphthalene	8.910	142	2091658	277.585	ng	97
38) 1-Methylnaphthalene	9.004	142	1201488	162.814	ng	98
46) 1,1'-Biphenyl	9.351	154	37137	3.049	ng	96
49) Acenaphthylene	9.798	152	61530	4.074	ng	# 80
52) Acenaphthene	9.969	154	25769	2.861	ng	# 86
56) 4-Nitrophenol	10.034	139	9725	5.190	ng	# 37
58) Fluorene	10.481	166	67984	6.274	ng	# 98
70) Pentachlorophenol	11.345	266	61	5.565	ng	# 19
71) Phenanthrene	11.457	178	802168	59.436	ng	99
72) Anthracene	11.504	178	327303	24.987	ng	99
75) Fluoranthene	12.657	202	1717854	127.158	ng	99
78) Pyrene	12.886	202	1451436	100.494	ng	98
81) Benzo(a)anthracene	14.069	228	1031137	85.695	ng	97
83) Chrysene	14.110	228	848112	74.634	ng	97
85) Di-n-octyl phthalate	14.639	149	21896	3.093	ng	# 35
87) Indeno(1,2,3-cd)pyrene	17.098	276	413292	29.959	ng	95
88) Benzo(b)fluoranthene	15.145	252	1464761	116.399	ng	97
89) Benzo(k)fluoranthene	15.145	252	1464761	121.102	ng	98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 04:15:17 2022
Response via : Initial Calibration

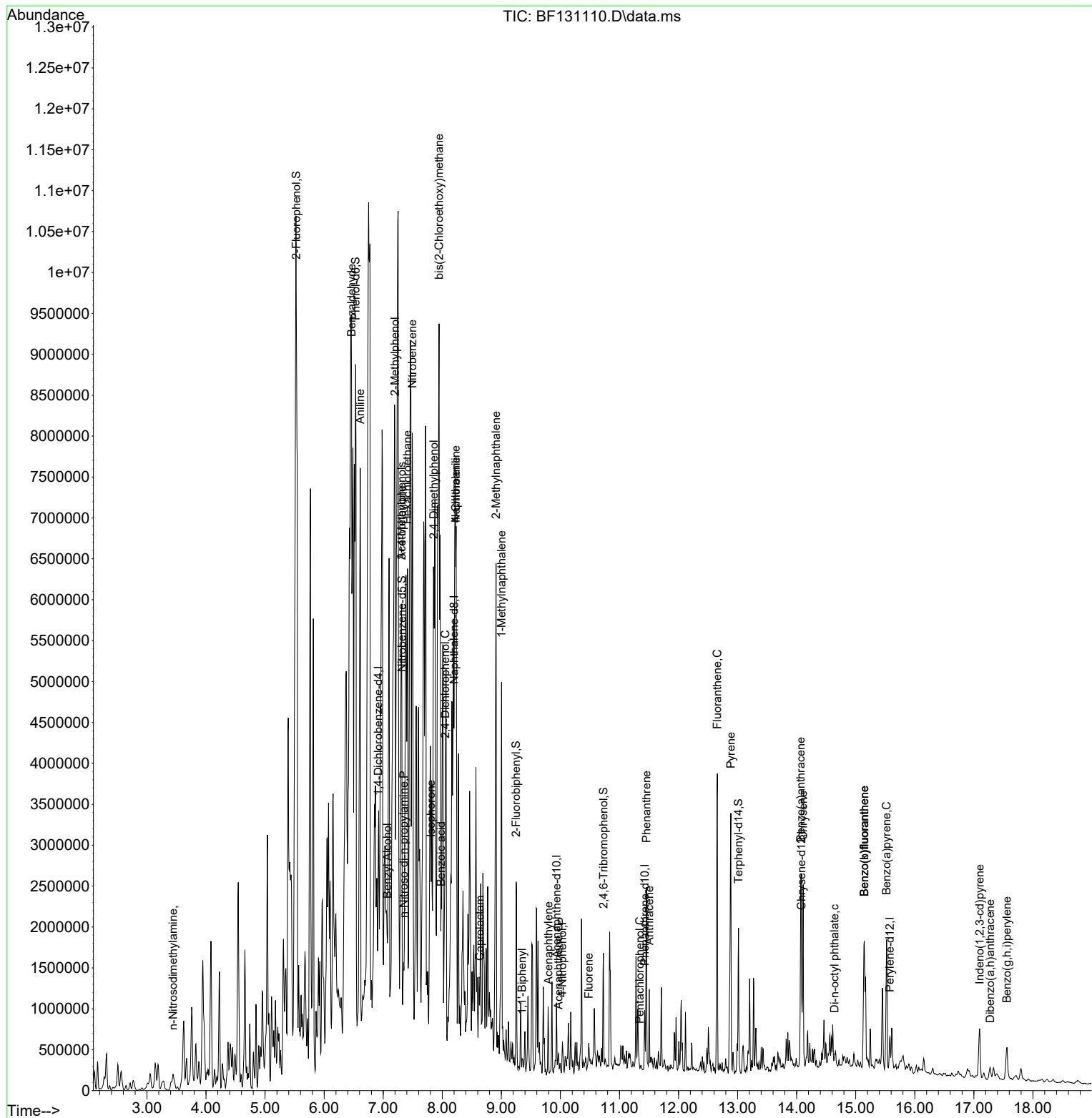
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Benzo(a)pyrene	15.521	252	822643	81.541	ng	99
91) Dibenzo(a,h)anthracene	17.274	278	97748	11.459	ng	98
92) Benzo(g,h,i)perylene	17.557	276	353964	30.072	ng	98

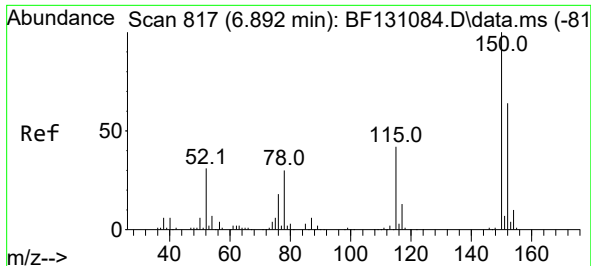
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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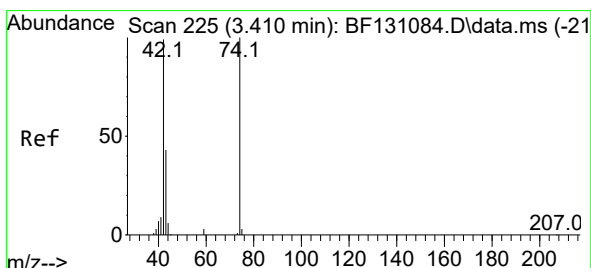
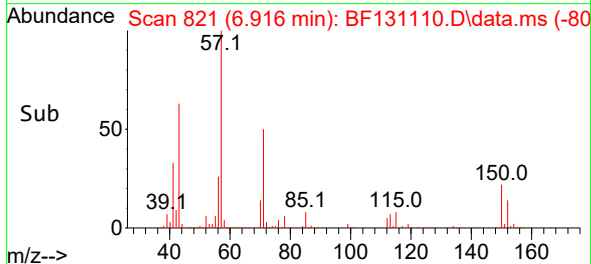
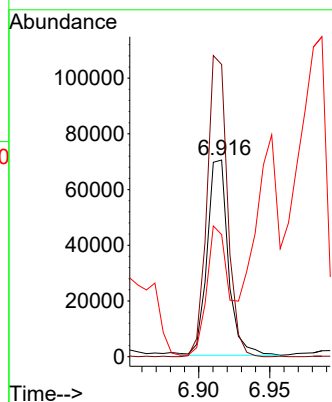
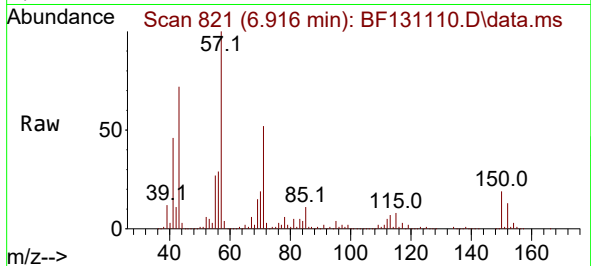




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 81
Delta R.T. 0.024 min
Lab File: BF131110.D
Acq: 10 Nov 2022 03:03

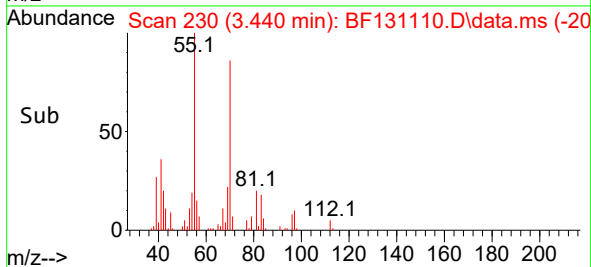
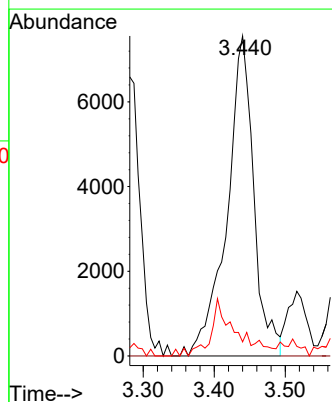
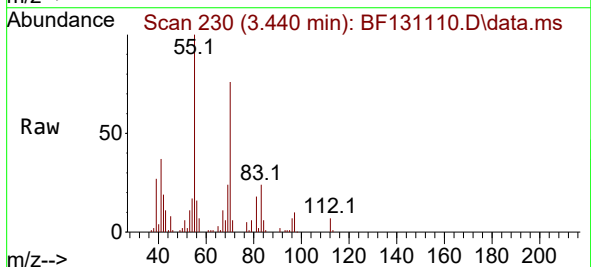
Instrument :
BNA_F
ClientSampleId :
PL-05-110722

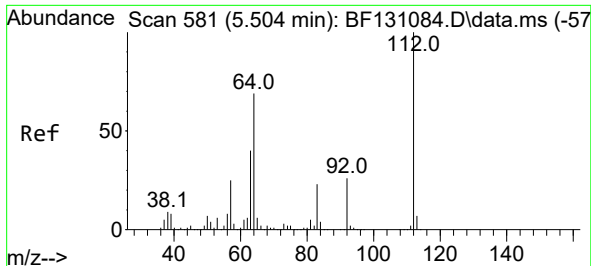
Tgt Ion:152 Resp: 73077
Ion Ratio Lower Upper
152 100
150 148.5 125.5 188.3
115 62.1 52.2 78.2



#4
n-Nitrosodimethylamine
Concen: 5.919 ng
RT: 3.440 min Scan# 230
Delta R.T. 0.030 min
Lab File: BF131110.D
Acq: 10 Nov 2022 03:03

Tgt Ion: 42 Resp: 19830
Ion Ratio Lower Upper
42 100
74 0.0 81.0 121.4#
44 4.4 5.0 7.4#

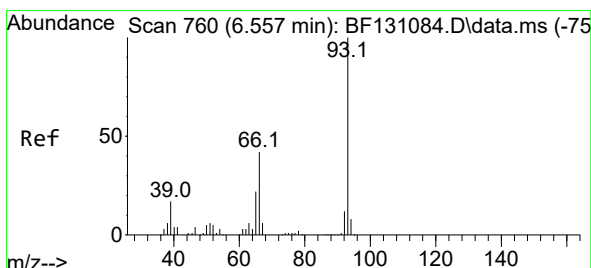
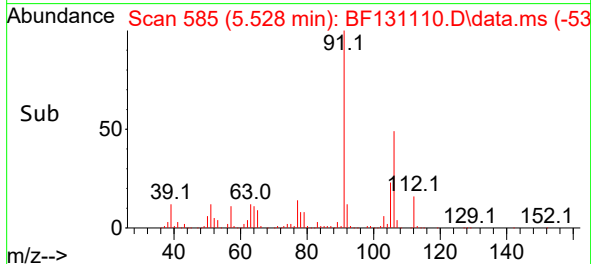
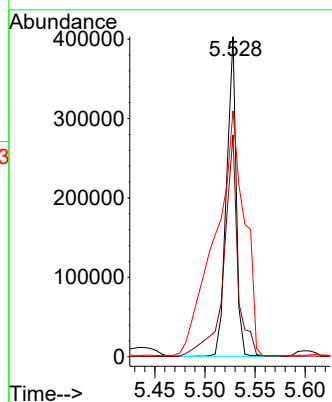
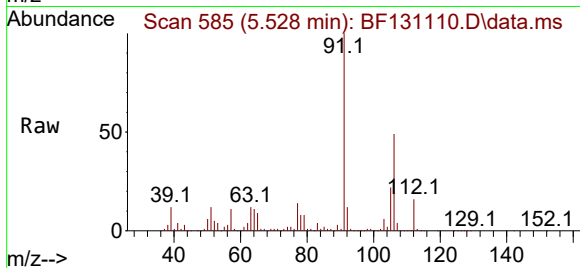




#5
2-Fluorophenol
Concen: 62.715 ng
RT: 5.528 min Scan# 581
Delta R.T. 0.024 min
Lab File: BF131110.D
Acq: 10 Nov 2022 03:03

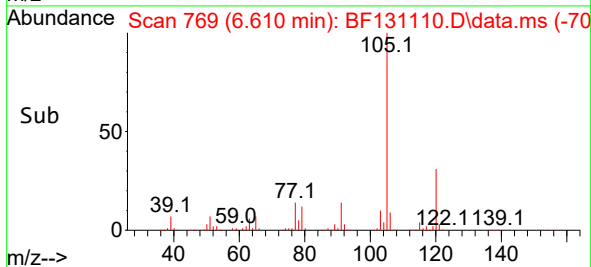
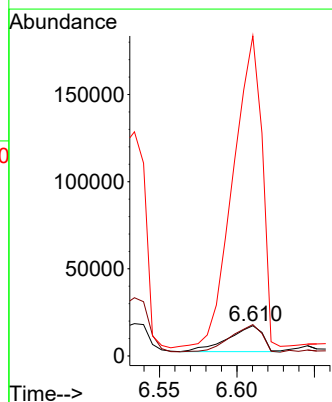
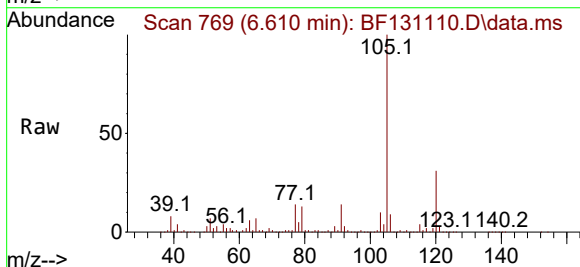
Instrument :
BNA_F
ClientSampleId :
PL-05-110722

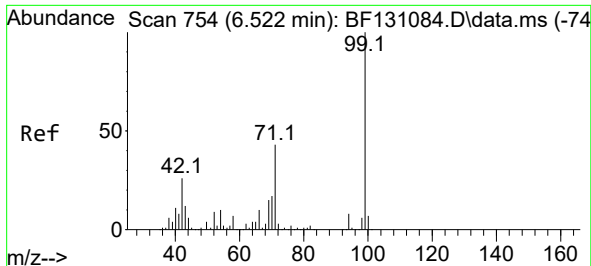
Tgt Ion:112 Resp: 269492
Ion Ratio Lower Upper
112 100
64 69.2 55.1 82.7
63 76.8 32.4 48.6#



#6
Aniline
Concen: 3.344 ng
RT: 6.610 min Scan# 769
Delta R.T. 0.053 min
Lab File: BF131110.D
Acq: 10 Nov 2022 03:03

Tgt Ion: 93 Resp: 23064
Ion Ratio Lower Upper
93 100
66 103.6 34.4 51.6#
65 1058.7 17.6 26.4#

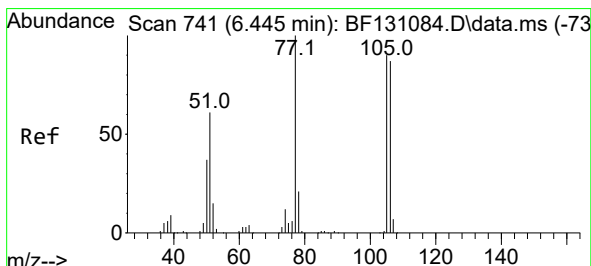
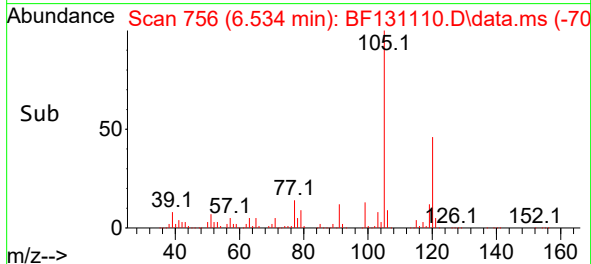
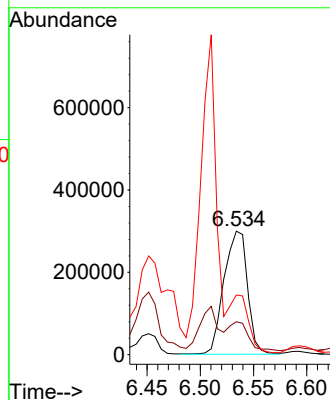
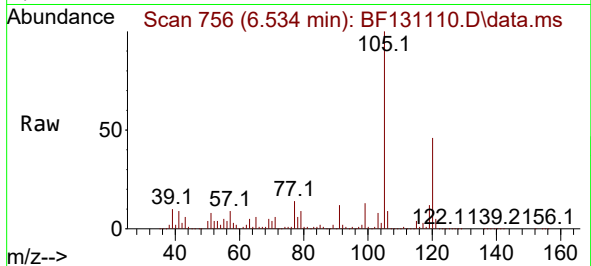




#7
Phenol-d6
Concen: 82.146 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF131110.D
Acq: 10 Nov 2022 03:03

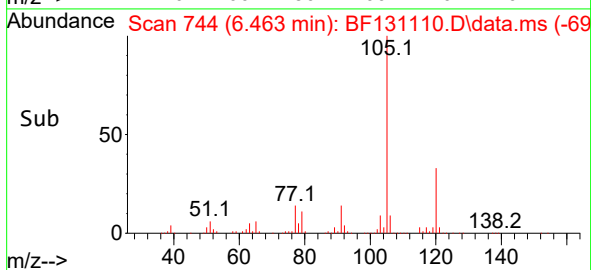
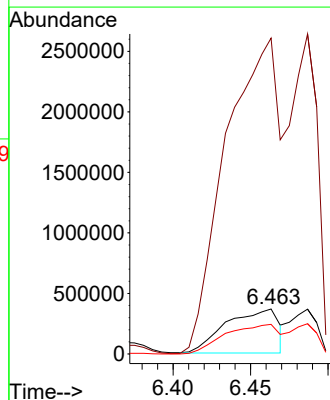
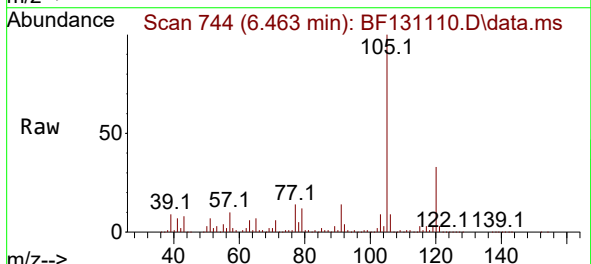
Instrument :
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ClientSampleId :
PL-05-110722

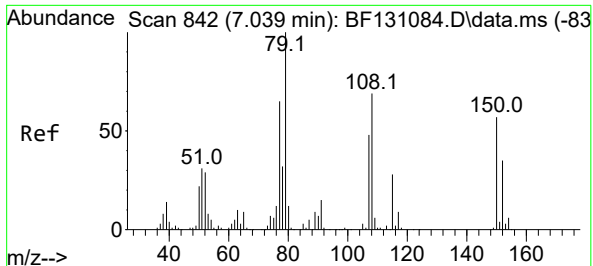
Tgt Ion: 99 Resp: 461487
Ion Ratio Lower Upper
99 100
42 26.7 20.8 31.2
71 48.3 34.2 51.4



#9
Benzaldehyde
Concen: 233.895 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.018 min
Lab File: BF131110.D
Acq: 10 Nov 2022 03:03

Tgt Ion: 77 Resp: 855060
Ion Ratio Lower Upper
77 100
105 701.7 70.1 110.1#
106 65.7 67.3 107.3#





#15

Benzyl Alcohol

Concen: 5.716 ng

RT: 7.069 min Scan# 84

Delta R.T. 0.030 min

Lab File: BF131110.D

Acq: 10 Nov 2022 03:03

Instrument :

BNA_F

ClientSampleId :

PL-05-110722

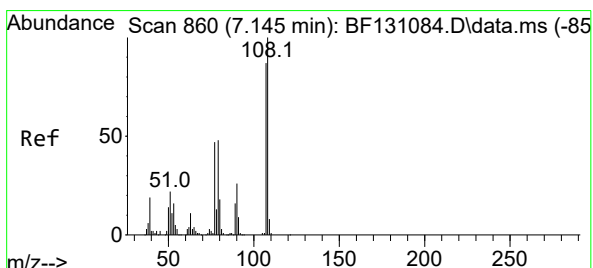
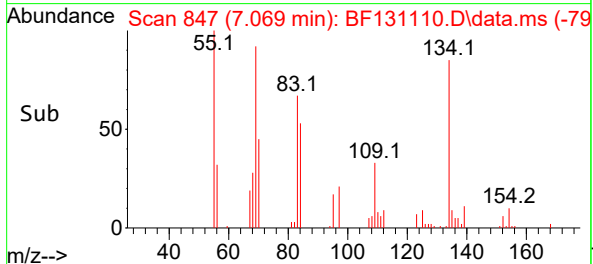
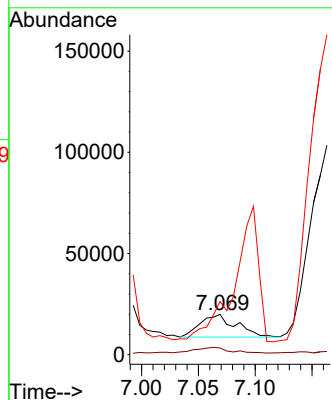
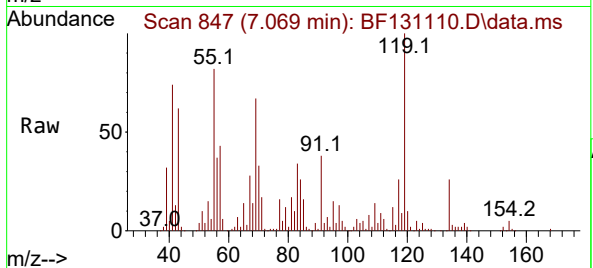
Tgt Ion: 79 Resp: 24560

Ion Ratio Lower Upper

79 100

108 16.9 55.5 83.3#

77 132.0 51.8 77.8#



#17

2-Methylphenol

Concen: 10.745 ng

RT: 7.198 min Scan# 869

Delta R.T. 0.053 min

Lab File: BF131110.D

Acq: 10 Nov 2022 03:03

Tgt Ion: 107 Resp: 44427

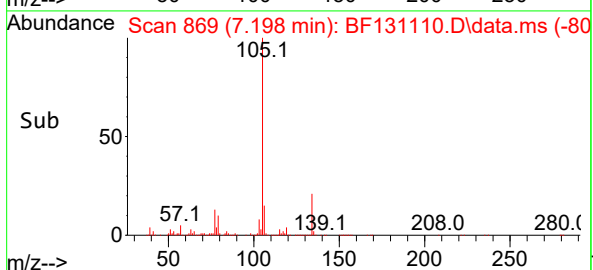
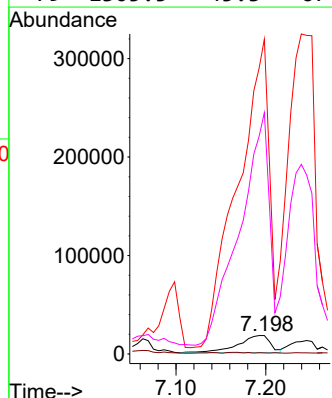
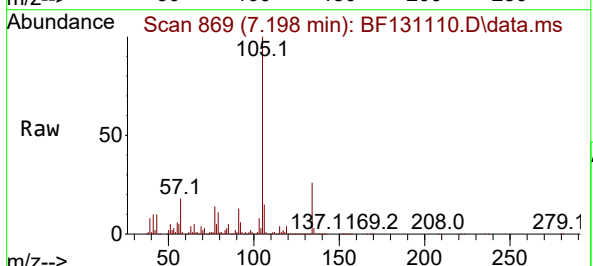
Ion Ratio Lower Upper

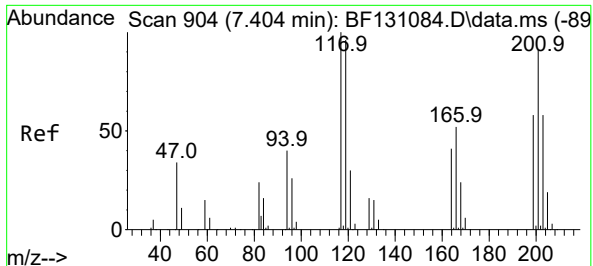
107 100

108 5.9 91.8 137.6#

77 1702.6 44.2 66.2#

79 1305.5 45.3 67.9#

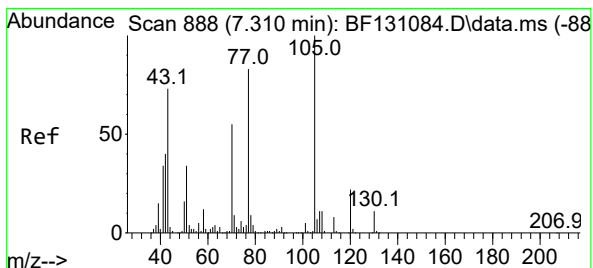
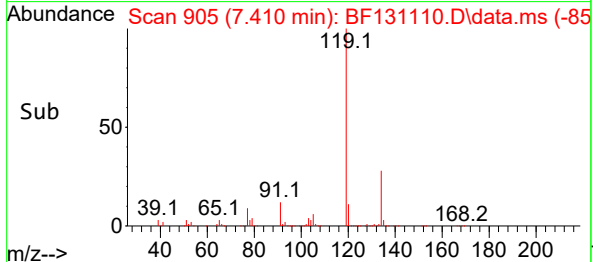
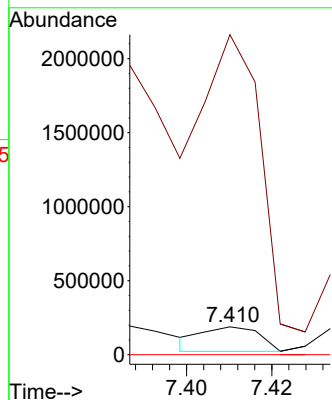
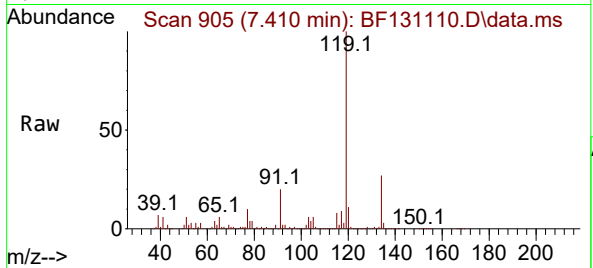




#18
Hexachloroethane
Concen: 73.784 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.006 min
Lab File: BF131110.D
Acq: 10 Nov 2022 03:03

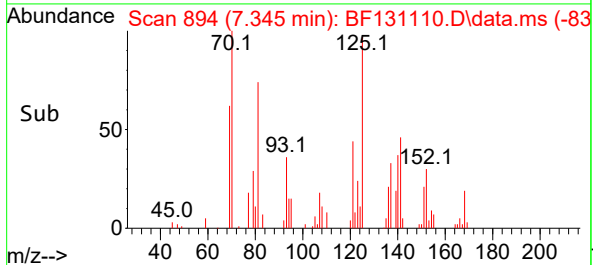
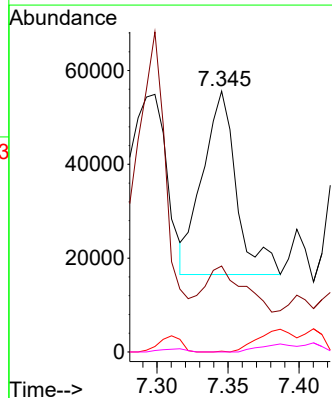
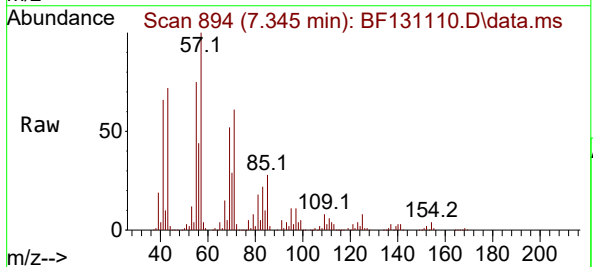
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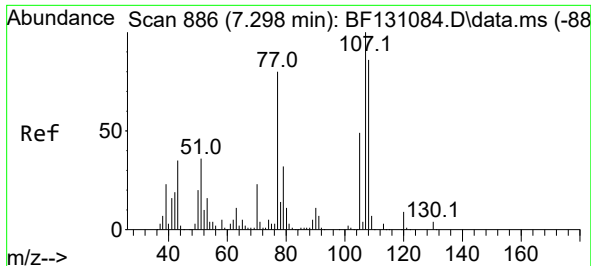
Tgt Ion:117 Resp: 153638
Ion Ratio Lower Upper
117 100
119 1151.6 77.0 115.4#
201 0.0 72.6 109.0#



#19
n-Nitroso-di-n-propylamine
Concen: 17.606 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.036 min
Lab File: BF131110.D
Acq: 10 Nov 2022 03:03

Tgt Ion: 70 Resp: 64942
Ion Ratio Lower Upper
70 100
42 33.0 58.3 87.5#
101 0.3 7.4 11.2#
130 0.0 16.2 24.4#





#20

3+4-Methylphenols

Concen: 2.053 ng

RT: 7.310 min Scan# 88

Delta R.T. 0.012 min

Lab File: BF131110.D

Acq: 10 Nov 2022 03:03

Instrument :

BNA_F

ClientSampleId :

PL-05-110722

Tgt Ion:107 Resp: 10608

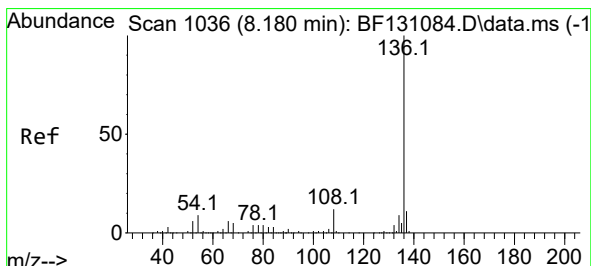
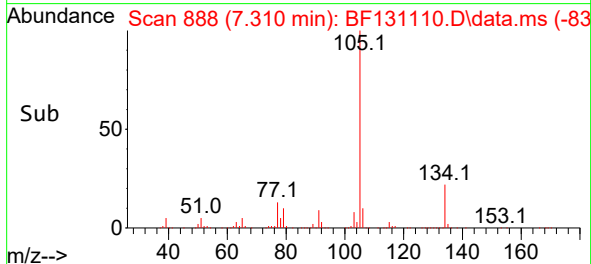
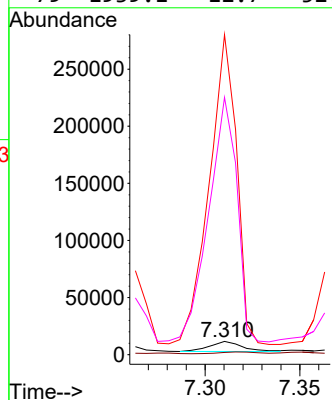
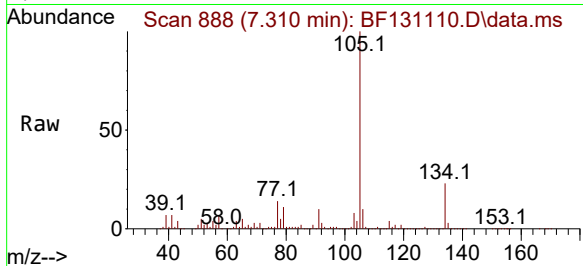
Ion Ratio Lower Upper

107 100

108 17.4 66.3 106.3#

77 2411.7 59.9 99.9#

79 1939.1 12.7 52.7#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.198 min Scan# 1039

Delta R.T. 0.018 min

Lab File: BF131110.D

Acq: 10 Nov 2022 03:03

Tgt Ion:136 Resp: 213935

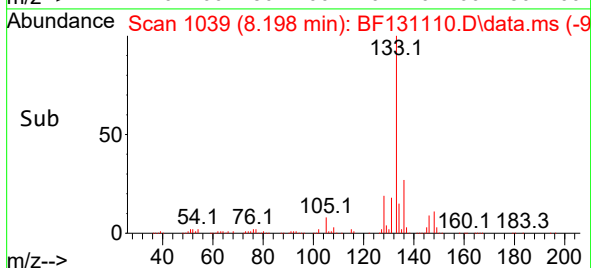
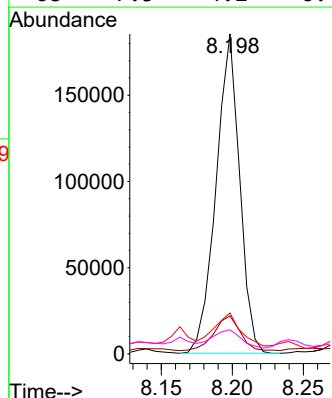
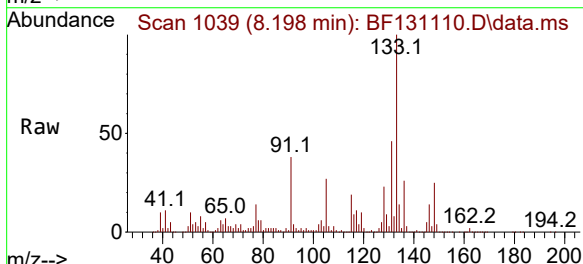
Ion Ratio Lower Upper

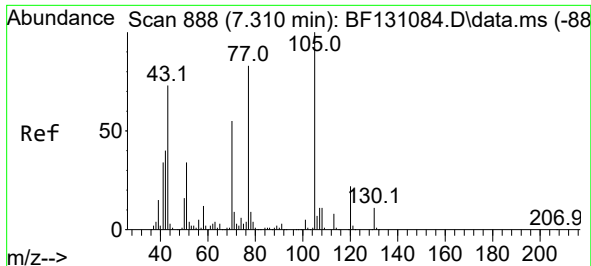
136 100

137 11.9 8.6 12.8

54 12.8 7.2 10.8#

68 7.5 4.2 6.4#

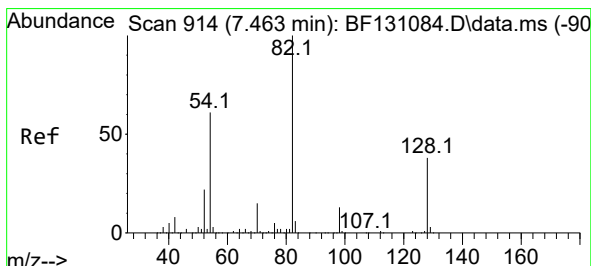
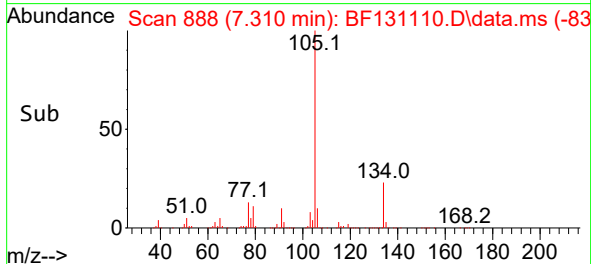
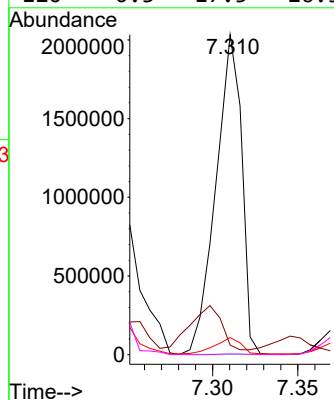
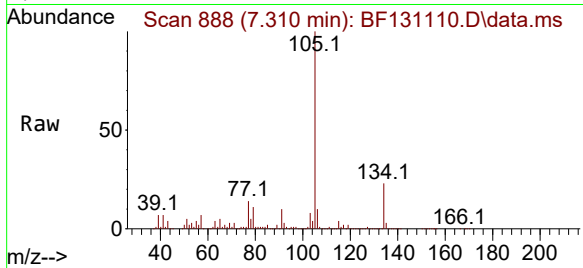




#22
Acetophenone
Concen: 398.838 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF131110.D
Acq: 10 Nov 2022 03:03

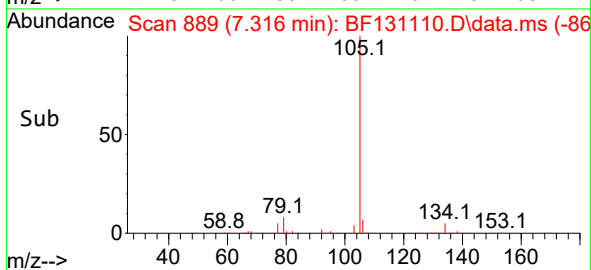
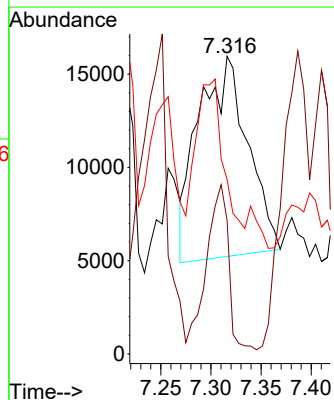
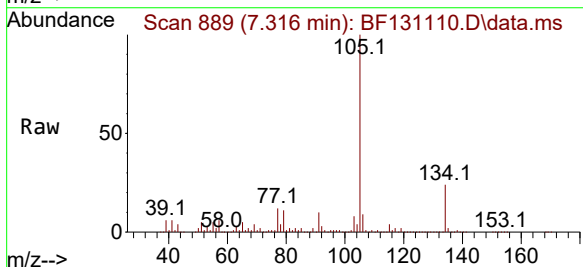
Instrument :
BNA_F
ClientSampleId :
PL-05-110722

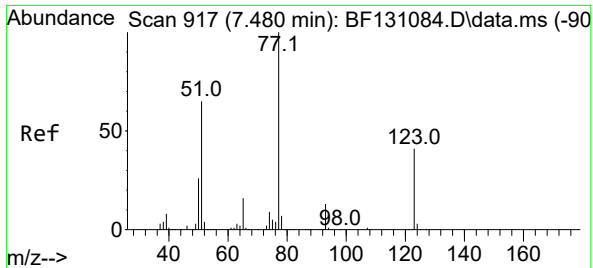
Tgt Ion:105 Resp: 2135308
Ion Ratio Lower Upper
105 100
71 3.0 7.0 10.4#
51 5.4 27.0 40.6#
120 0.3 17.5 26.3#



#23
Nitrobenzene-d5
Concen: 7.747 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.147 min
Lab File: BF131110.D
Acq: 10 Nov 2022 03:03

Tgt Ion: 82 Resp: 36735
Ion Ratio Lower Upper
82 100
128 45.0 30.5 45.7
54 58.7 49.1 73.7





#24

Nitrobenzene

Concen: 22.953 ng

RT: 7.493 min Scan# 91

Delta R.T. 0.012 min

Lab File: BF131110.D

Acq: 10 Nov 2022 03:03

Instrument :

BNA_F

ClientSampleId :

PL-05-110722

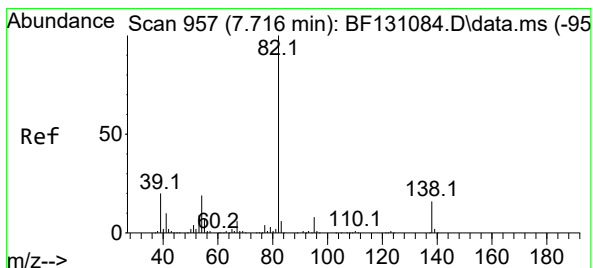
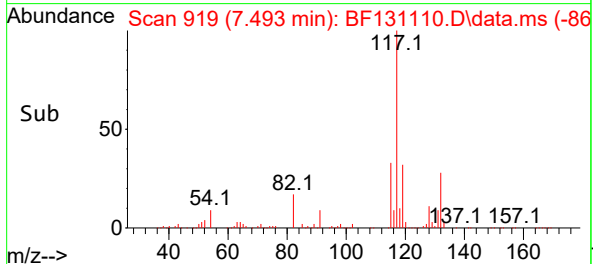
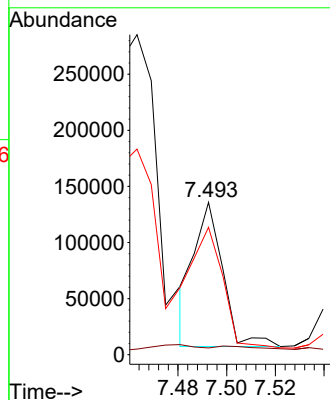
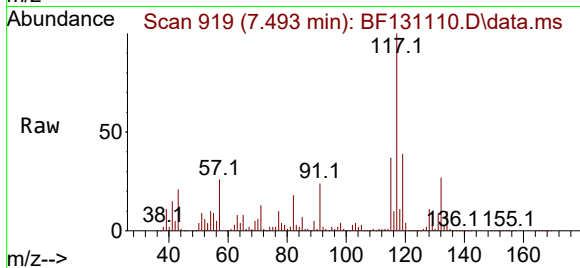
Tgt Ion: 77 Resp: 105426

Ion Ratio Lower Upper

77 100

123 4.5 32.8 49.2#

65 83.6 12.4 18.6#



#25

Isophorone

Concen: 7.049 ng

RT: 7.810 min Scan# 973

Delta R.T. 0.094 min

Lab File: BF131110.D

Acq: 10 Nov 2022 03:03

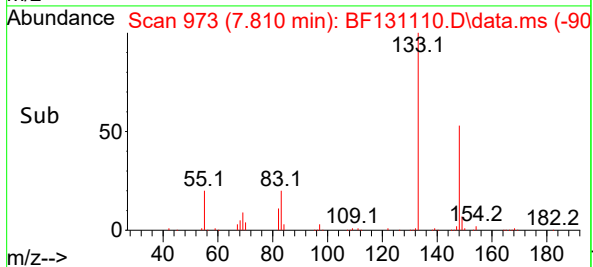
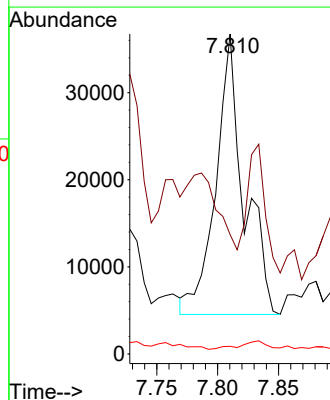
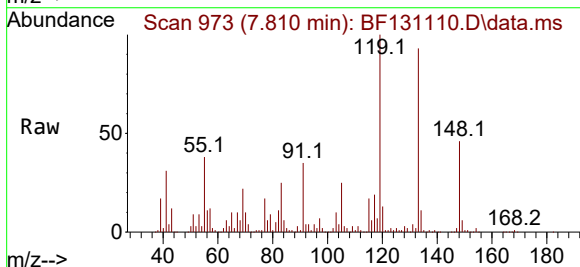
Tgt Ion: 82 Resp: 51682

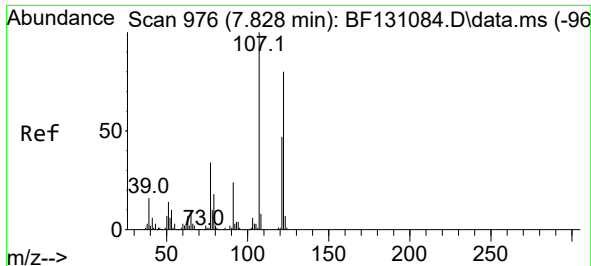
Ion Ratio Lower Upper

82 100

95 37.3 6.2 9.2#

138 2.4 12.5 18.7#





#27

2,4-Dimethylphenol

Concen: 4.092 ng

RT: 7.857 min Scan# 91

Delta R.T. 0.029 min

Lab File: BF131110.D

Acq: 10 Nov 2022 03:03

Instrument :

BNA_F

ClientSampleId :

PL-05-110722

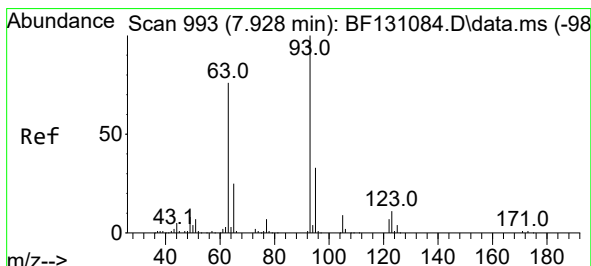
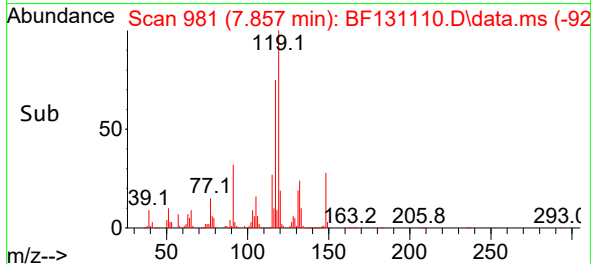
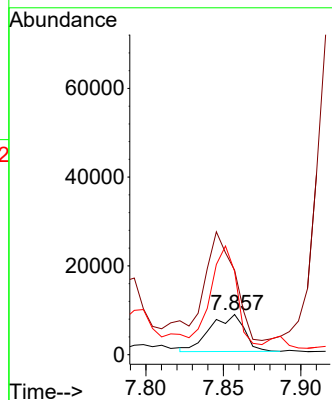
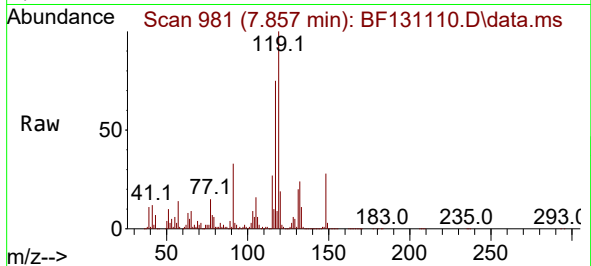
Tgt Ion:122 Resp: 12790

Ion Ratio Lower Upper

122 100

107 210.5 99.8 149.6#

121 207.6 46.7 70.1#



#28

bis(2-Chloroethoxy)methane

Concen: 13.050 ng

RT: 7.945 min Scan# 996

Delta R.T. 0.017 min

Lab File: BF131110.D

Acq: 10 Nov 2022 03:03

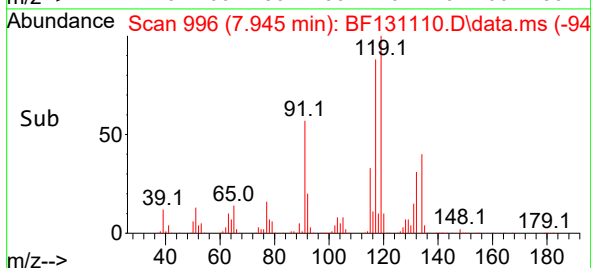
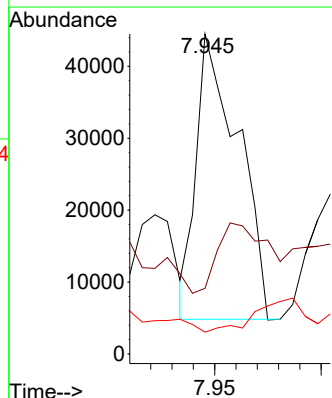
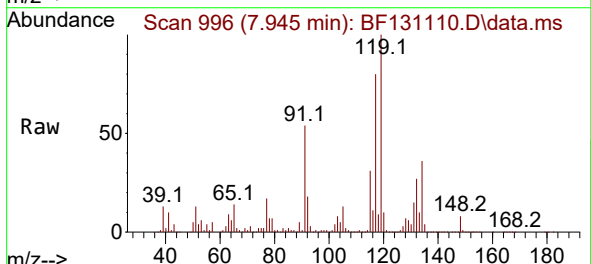
Tgt Ion: 93 Resp: 54223

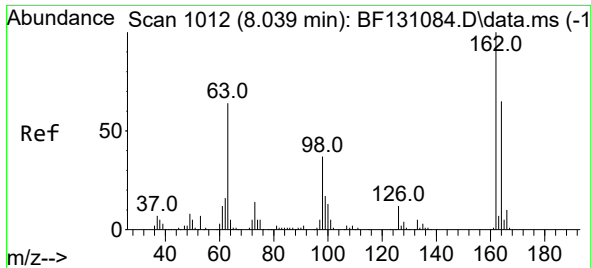
Ion Ratio Lower Upper

93 100

95 20.5 26.4 39.6#

123 6.8 9.2 13.8#





#29

2,4-Dichlorophenol

Concen: 26.850 ng

RT: 8.051 min Scan# 1014

Delta R.T. 0.012 min

Lab File: BF131110.D

Acq: 10 Nov 2022 03:03

Instrument :

BNA_F

ClientSampleId :

PL-05-110722

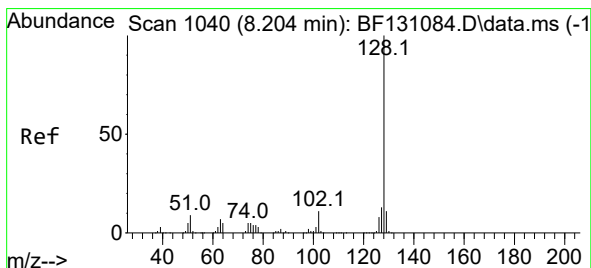
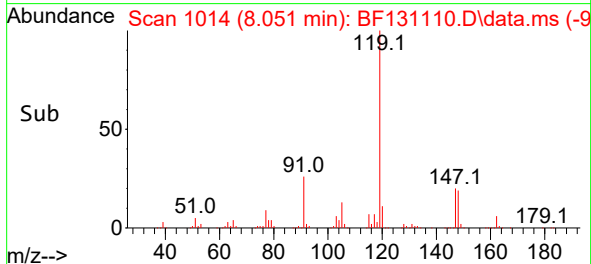
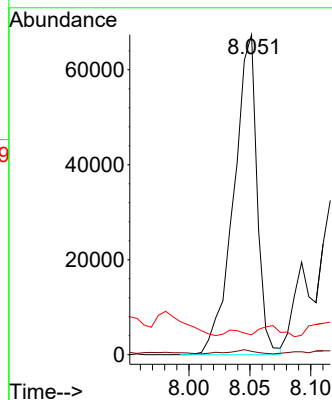
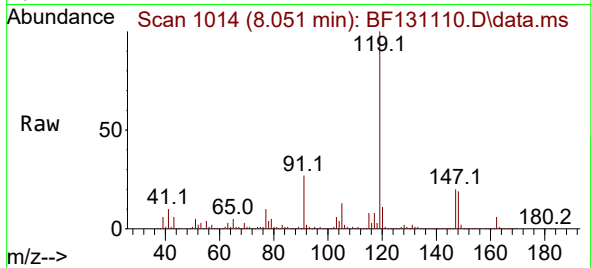
Tgt Ion:162 Resp: 89716

Ion Ratio Lower Upper

162 100

164 1.0 45.0 85.0#

98 6.2 17.0 57.0#



#31

Naphthalene

Concen: 280.563 ng

RT: 8.228 min Scan# 1044

Delta R.T. 0.024 min

Lab File: BF131110.D

Acq: 10 Nov 2022 03:03

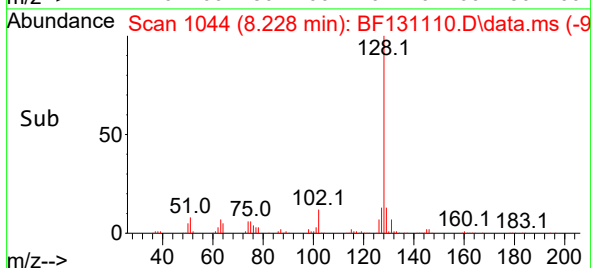
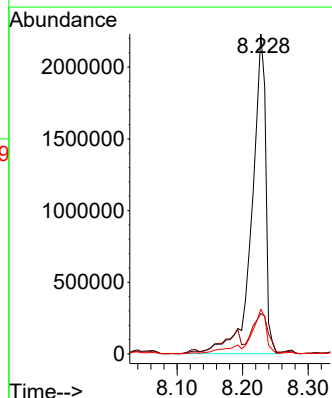
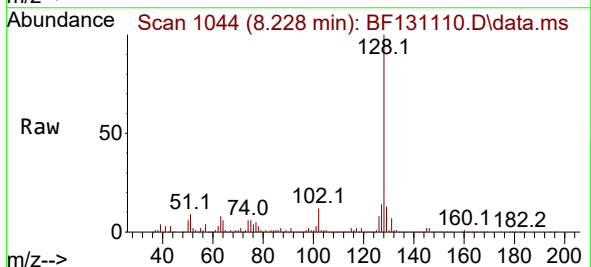
Tgt Ion:128 Resp: 3279633

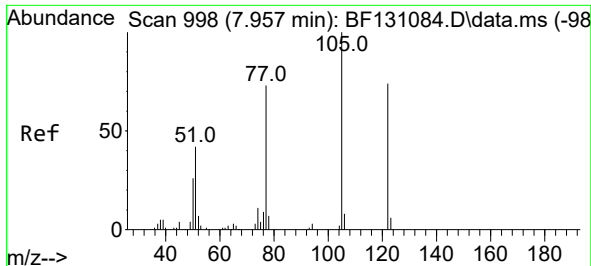
Ion Ratio Lower Upper

128 100

129 12.6 8.7 13.1

127 13.9 10.8 16.2

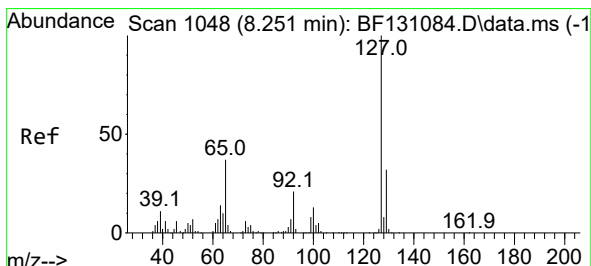
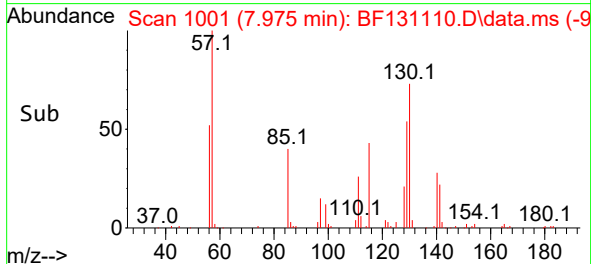
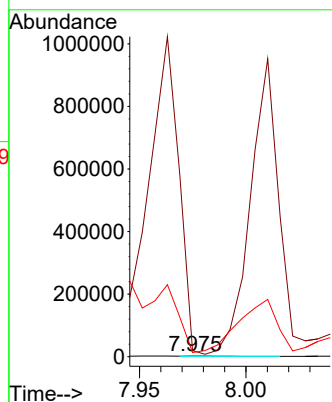
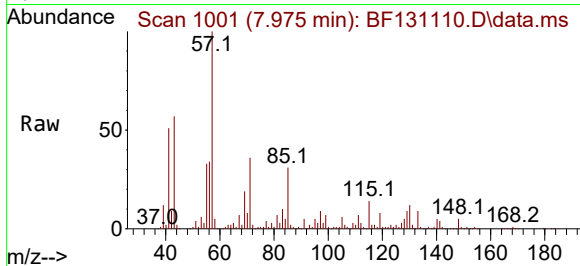




#32
Benzoic acid
Concen: 6.462 ng
RT: 7.975 min Scan# 1001
Delta R.T. 0.018 min
Lab File: BF131110.D
Acq: 10 Nov 2022 03:03

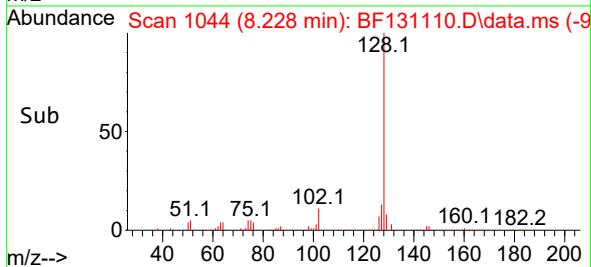
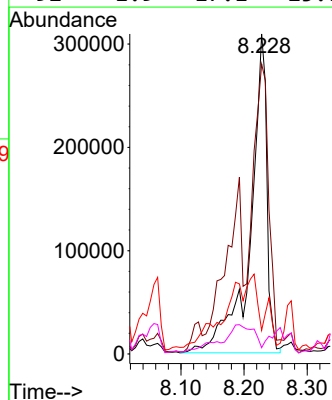
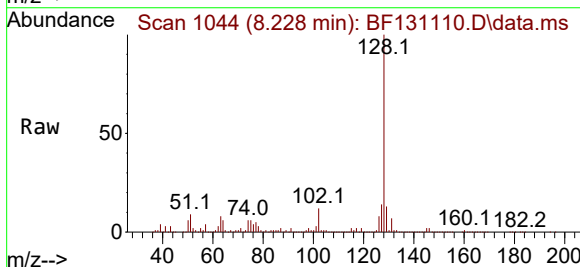
Instrument :
BNA_F
ClientSampleId :
PL-05-110722

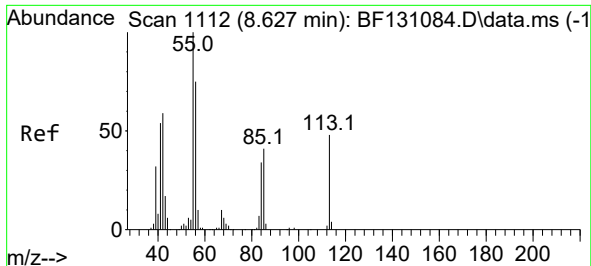
Tgt Ion:122 Resp: 1854
Ion Ratio Lower Upper
122 100
105 861.5 113.0 153.0#
77 592.5 78.7 118.7#



#33
4-Chloroaniline
Concen: 120.063 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.023 min
Lab File: BF131110.D
Acq: 10 Nov 2022 03:03

Tgt Ion:127 Resp: 562765
Ion Ratio Lower Upper
127 100
129 90.6 25.8 38.6#
65 7.4 29.6 44.4#
92 1.9 17.1 25.7#

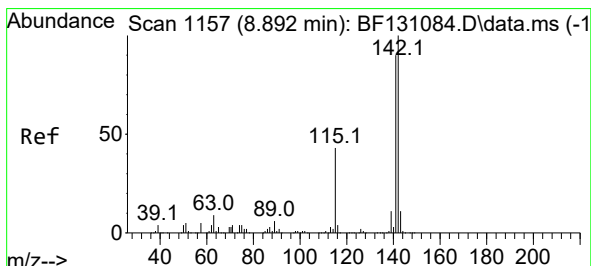
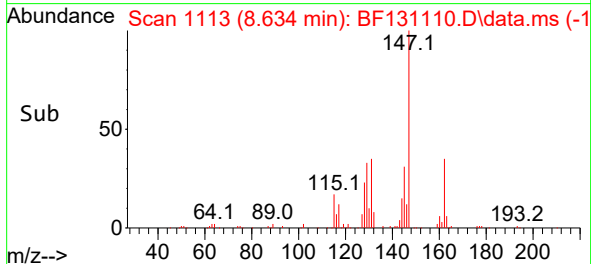
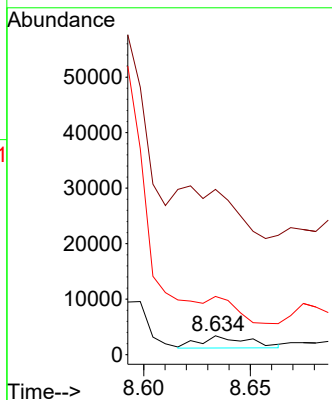
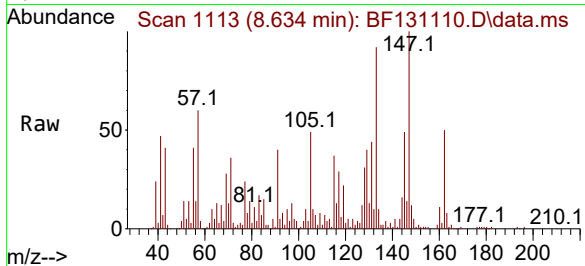




#35
 Caprolactam
 Concen: 3.328 ng
 RT: 8.634 min Scan# 1113
 Delta R.T. 0.006 min
 Lab File: BF131110.D
 Acq: 10 Nov 2022 03:03

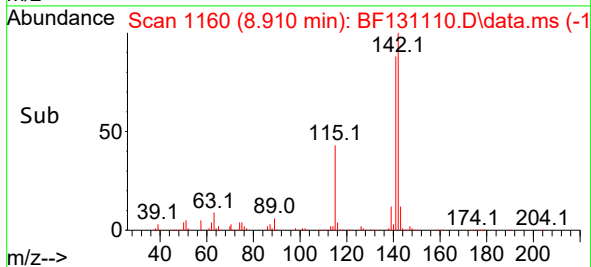
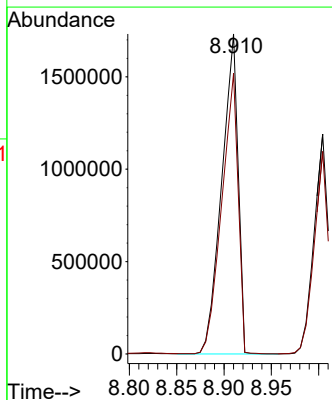
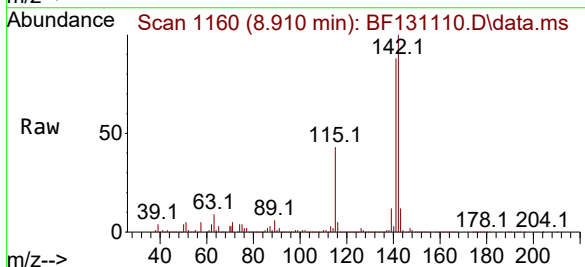
Instrument :
 BNA_F
 ClientSampleId :
 PL-05-110722

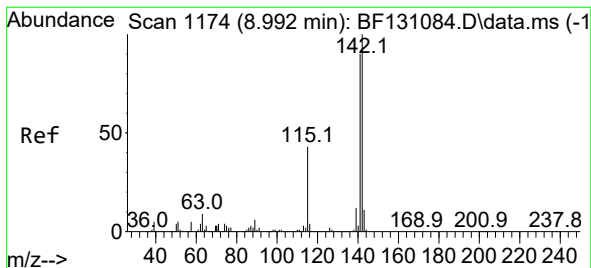
Tgt Ion:113 Resp: 3409
 Ion Ratio Lower Upper
 113 100
 55 875.8 189.1 229.1#
 56 308.6 137.1 177.1#



#37
 2-Methylnaphthalene
 Concen: 277.585 ng
 RT: 8.910 min Scan# 1160
 Delta R.T. 0.018 min
 Lab File: BF131110.D
 Acq: 10 Nov 2022 03:03

Tgt Ion:142 Resp: 2091658
 Ion Ratio Lower Upper
 142 100
 141 87.6 72.0 108.0





#38

1-Methylnaphthalene

Concen: 162.814 ng

RT: 9.004 min Scan# 1176

Delta R.T. 0.012 min

Lab File: BF131110.D

Acq: 10 Nov 2022 03:03

Instrument :

BNA_F

ClientSampleId :

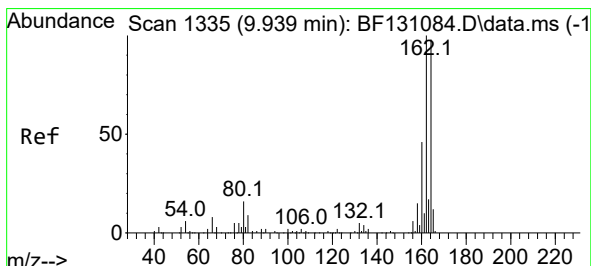
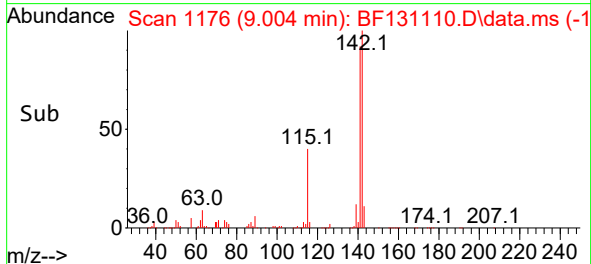
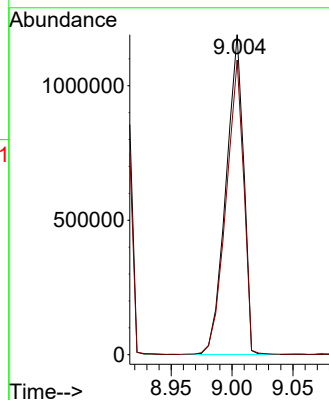
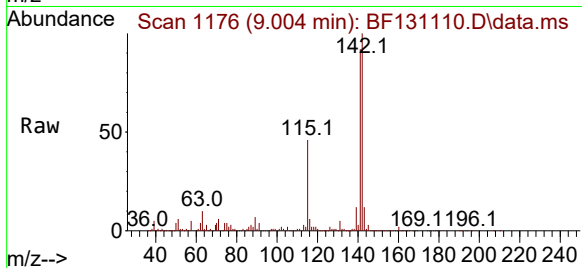
PL-05-110722

Tgt Ion:142 Resp: 1201488

Ion Ratio Lower Upper

142 100

141 92.0 72.1 108.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1334

Delta R.T. -0.005 min

Lab File: BF131110.D

Acq: 10 Nov 2022 03:03

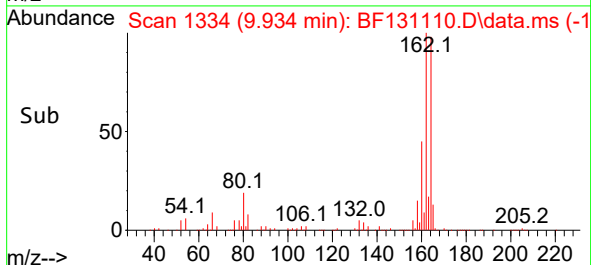
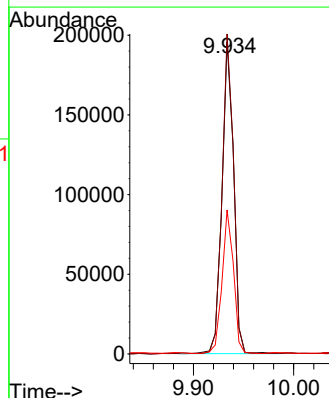
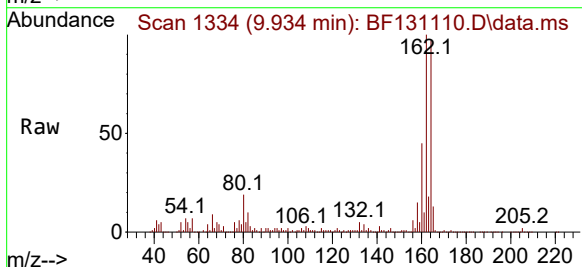
Tgt Ion:164 Resp: 157519

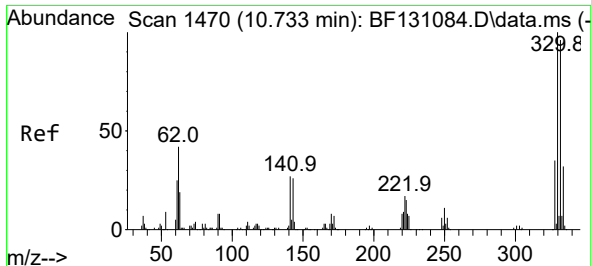
Ion Ratio Lower Upper

164 100

162 102.6 81.7 122.5

160 46.2 37.4 56.2





#42

2,4,6-Tribromophenol

Concen: 92.169 ng

RT: 10.728 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131110.D

Acq: 10 Nov 2022 03:03

Instrument :

BNA_F

ClientSampleId :

PL-05-110722

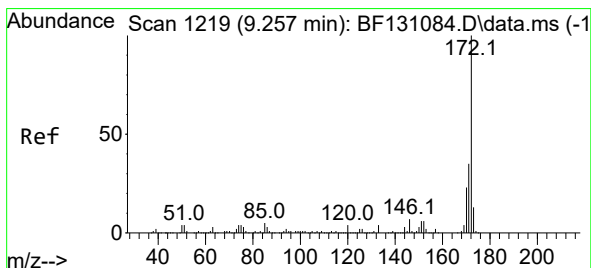
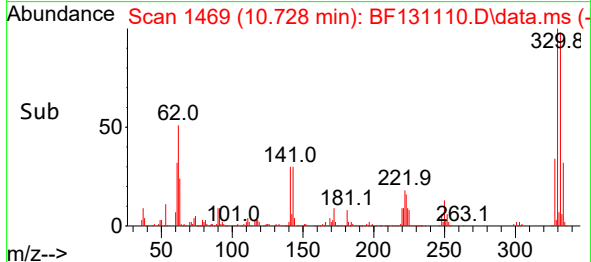
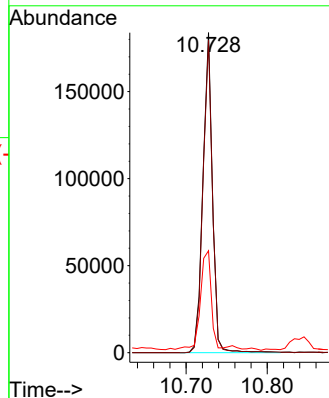
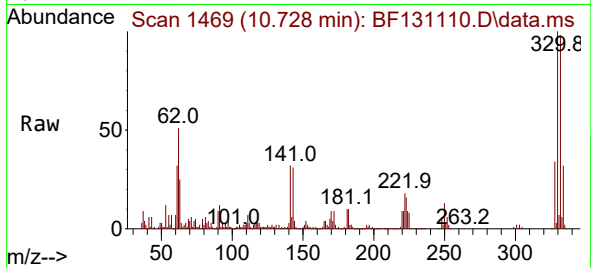
Tgt Ion:330 Resp: 150043

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.4

141 35.3 28.5 42.7



#45

2-Fluorobiphenyl

Concen: 61.385 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF131110.D

Acq: 10 Nov 2022 03:03

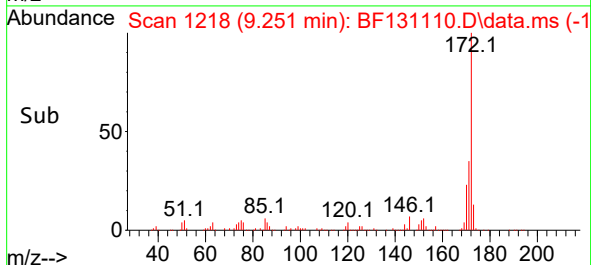
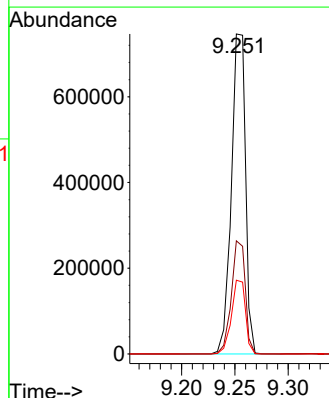
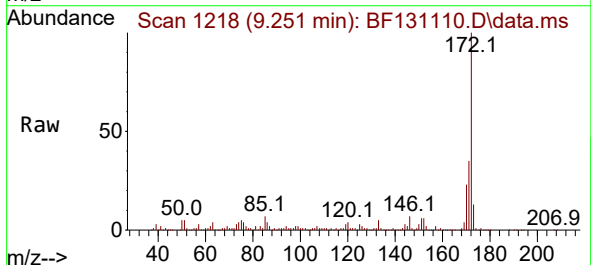
Tgt Ion:172 Resp: 692657

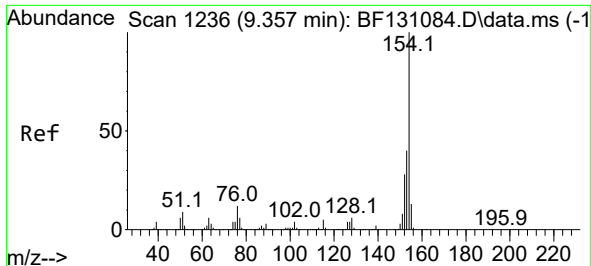
Ion Ratio Lower Upper

172 100

171 35.4 27.7 41.5

170 23.0 18.8 28.2

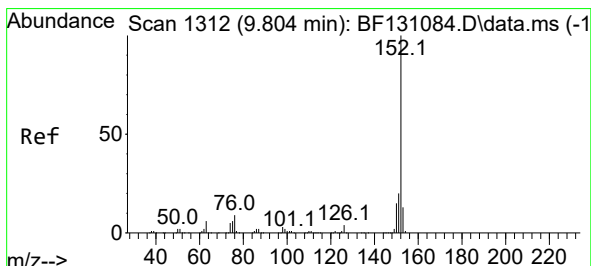
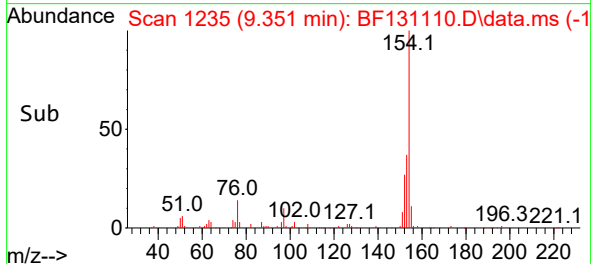
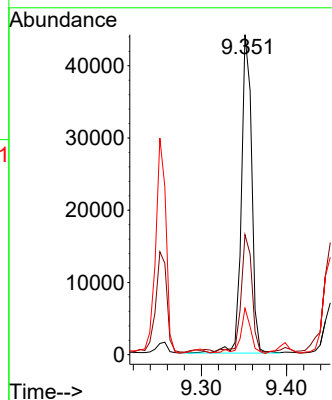
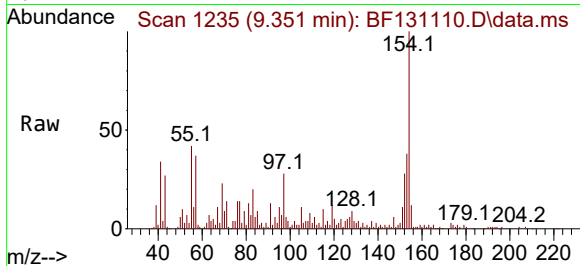




#46
1,1'-Biphenyl
Concen: 3.049 ng
RT: 9.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131110.D
Acq: 10 Nov 2022 03:03

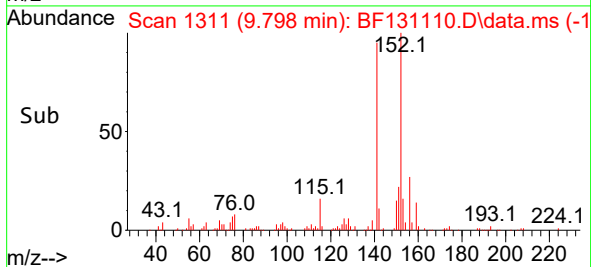
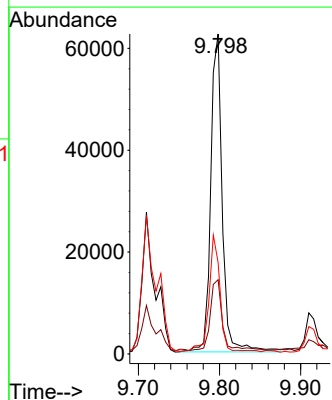
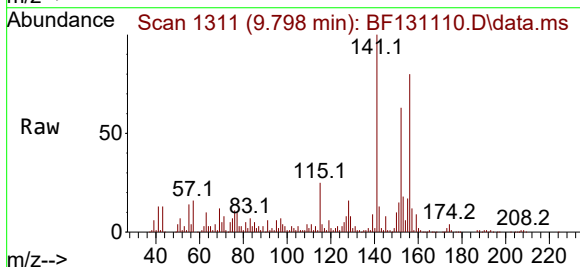
Instrument :
BNA_F
ClientSampleId :
PL-05-110722

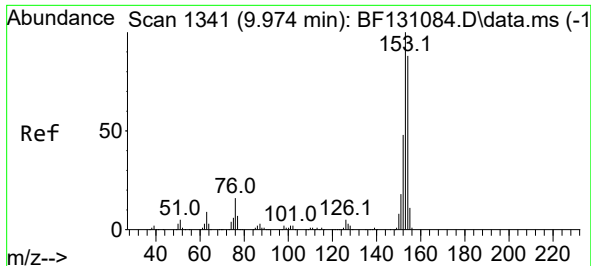
Tgt Ion:154 Resp: 37137
Ion Ratio Lower Upper
154 100
153 37.5 19.9 59.9
76 14.5 0.0 32.5



#49
Acenaphthylene
Concen: 4.074 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF131110.D
Acq: 10 Nov 2022 03:03

Tgt Ion:152 Resp: 61530
Ion Ratio Lower Upper
152 100
151 23.2 16.0 24.0
153 28.5 10.2 15.4#

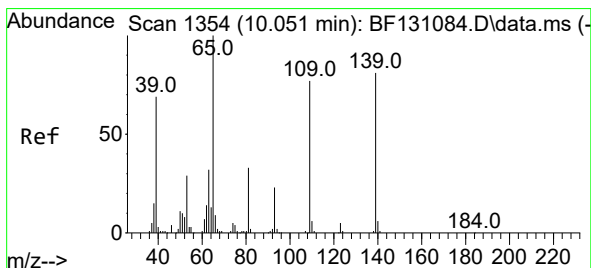
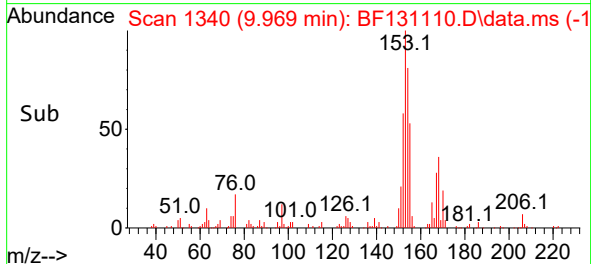
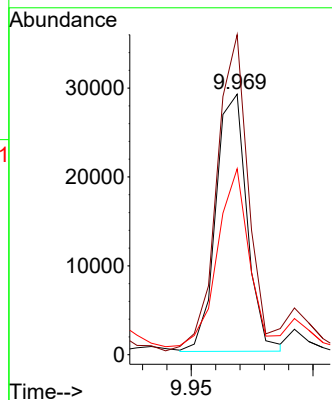
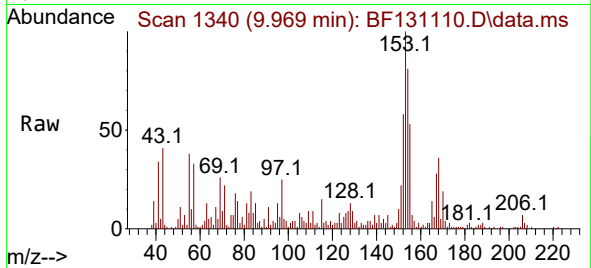




#52
Acenaphthene
Concen: 2.861 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131110.D
Acq: 10 Nov 2022 03:03

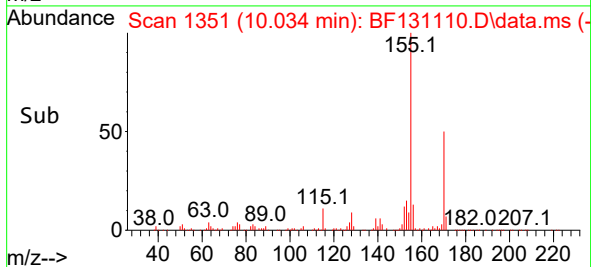
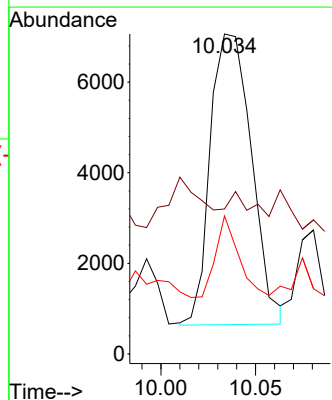
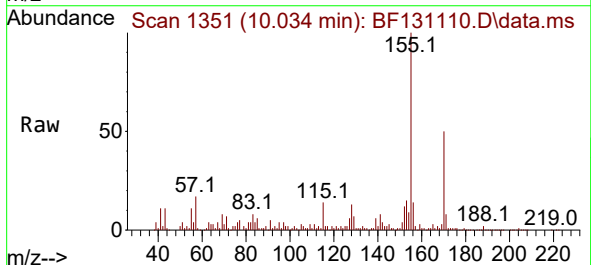
Instrument :
BNA_F
ClientSampleId :
PL-05-110722

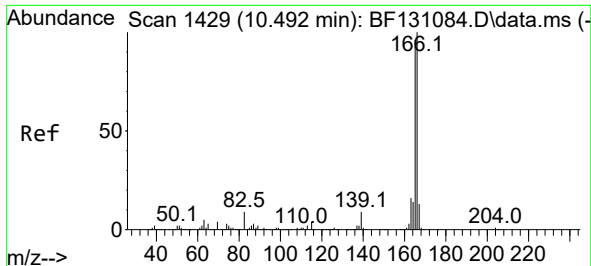
Tgt Ion:154 Resp: 25769
Ion Ratio Lower Upper
154 100
153 122.9 90.8 136.2
152 71.4 43.4 65.2#



#56
4-Nitrophenol
Concen: 5.190 ng
RT: 10.034 min Scan# 1351
Delta R.T. -0.017 min
Lab File: BF131110.D
Acq: 10 Nov 2022 03:03

Tgt Ion:139 Resp: 9725
Ion Ratio Lower Upper
139 100
109 45.3 75.5 115.5#
65 43.2 104.5 144.5#

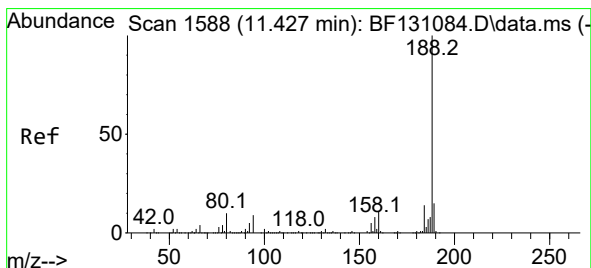
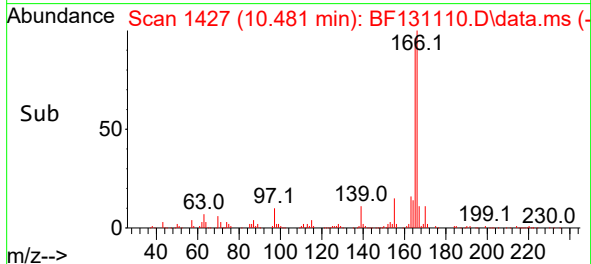
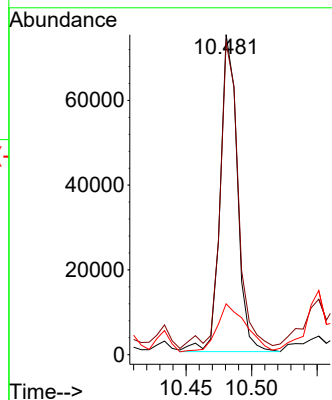
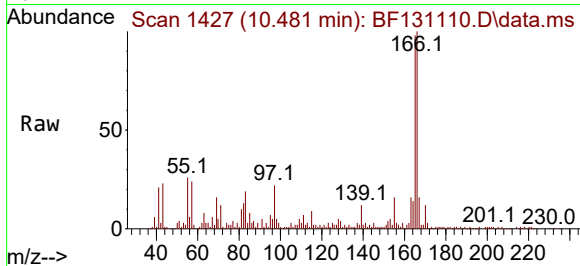




#58
Fluorene
Concen: 6.274 ng
RT: 10.481 min Scan# 1429
Delta R.T. -0.011 min
Lab File: BF131110.D
Acq: 10 Nov 2022 03:03

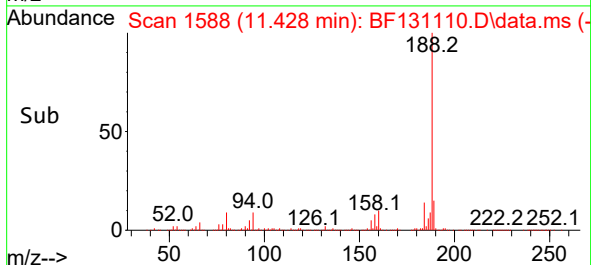
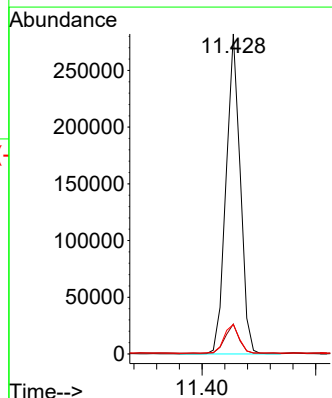
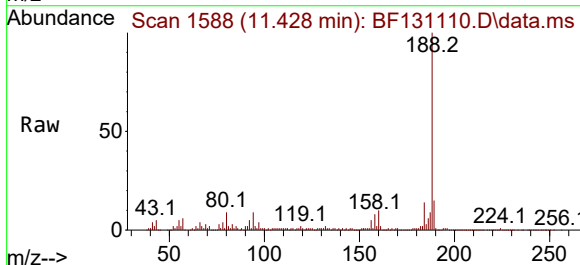
Instrument :
BNA_F
ClientSampleId :
PL-05-110722

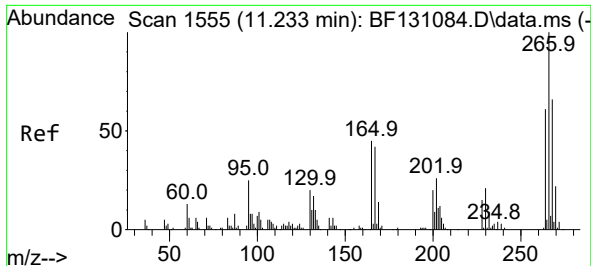
Tgt Ion:166 Resp: 67984
Ion Ratio Lower Upper
166 100
165 97.6 77.2 115.8
167 15.9 10.2 15.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1588
Delta R.T. 0.001 min
Lab File: BF131110.D
Acq: 10 Nov 2022 03:03

Tgt Ion:188 Resp: 245392
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 9.2 7.9 11.9

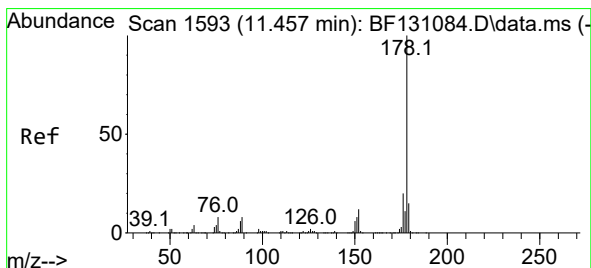
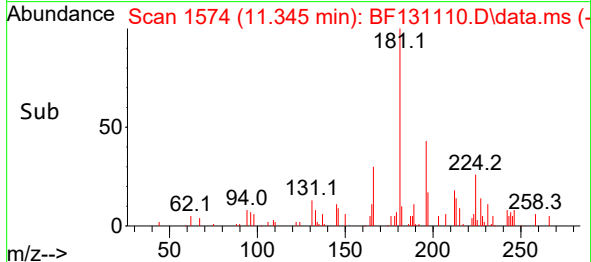
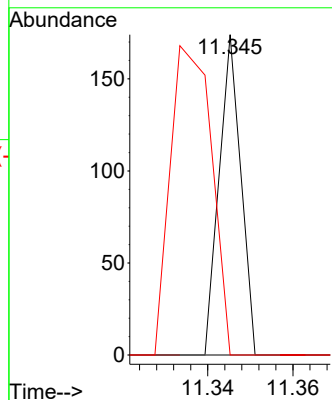
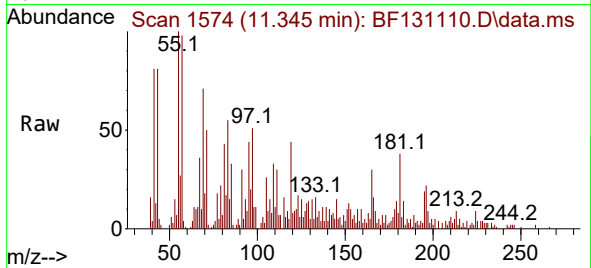




#70
 Pentachlorophenol
 Concen: 5.565 ng
 RT: 11.345 min Scan# 1555
 Delta R.T. 0.112 min
 Lab File: BF131110.D
 Acq: 10 Nov 2022 03:03

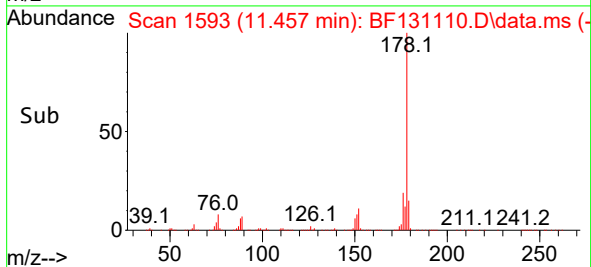
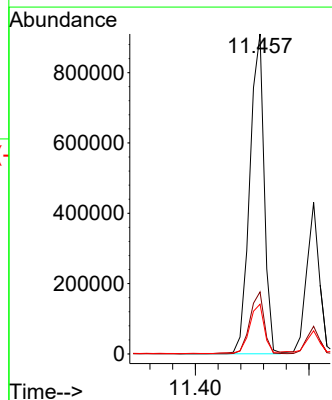
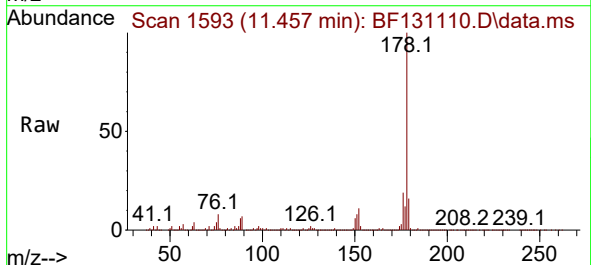
Instrument :
 BNA_F
 ClientSampleId :
 PL-05-110722

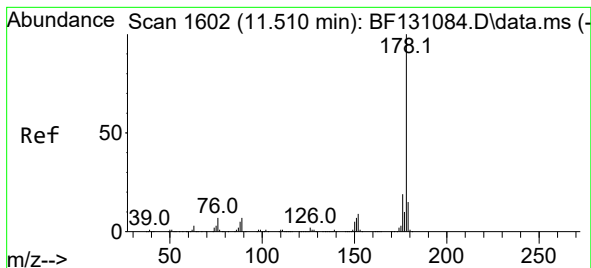
Tgt Ion:266 Resp: 61
 Ion Ratio Lower Upper
 266 100
 268 0.0 52.5 78.7#
 264 0.0 48.6 72.8#



#71
 Phenanthrene
 Concen: 59.436 ng
 RT: 11.457 min Scan# 1593
 Delta R.T. 0.000 min
 Lab File: BF131110.D
 Acq: 10 Nov 2022 03:03

Tgt Ion:178 Resp: 802168
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.6 12.2 18.2





#72

Anthracene

Concen: 24.987 ng

RT: 11.504 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131110.D

Acq: 10 Nov 2022 03:03

Instrument :

BNA_F

ClientSampleId :

PL-05-110722

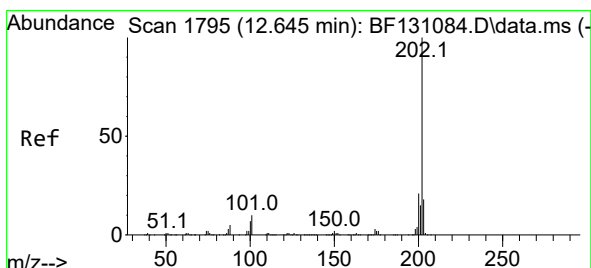
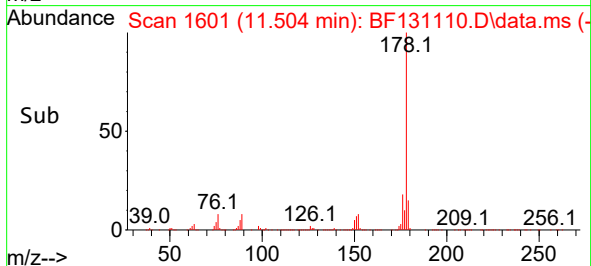
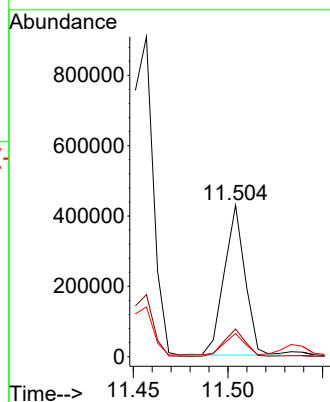
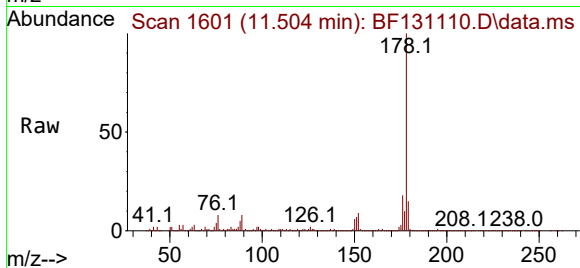
Tgt Ion:178 Resp: 327303

Ion Ratio Lower Upper

178 100

176 18.2 15.0 22.6

179 15.3 11.8 17.8



#75

Fluoranthene

Concen: 127.158 ng

RT: 12.657 min Scan# 1797

Delta R.T. 0.012 min

Lab File: BF131110.D

Acq: 10 Nov 2022 03:03

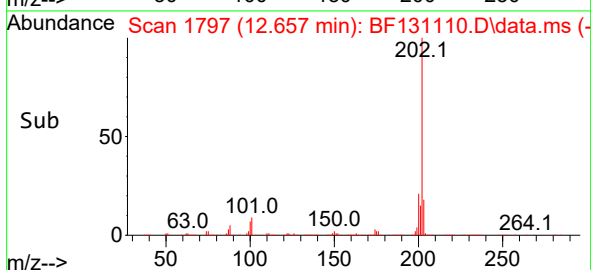
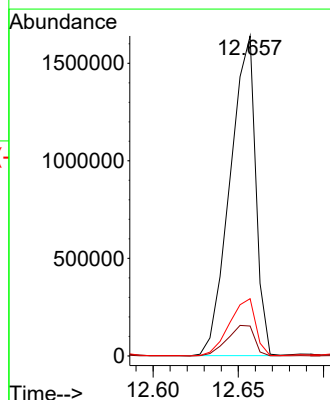
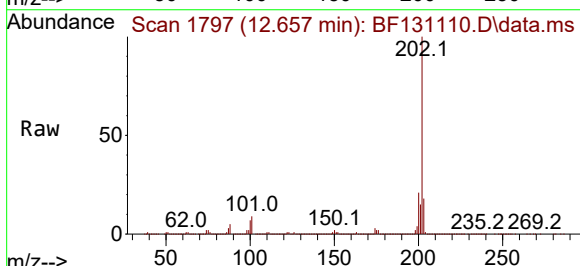
Tgt Ion:202 Resp: 1717854

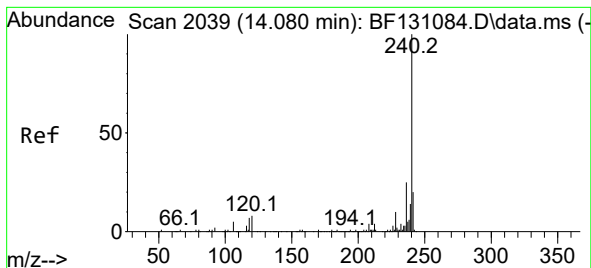
Ion Ratio Lower Upper

202 100

101 9.4 0.0 30.0

203 17.9 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2039

Delta R.T. 0.000 min

Lab File: BF131110.D

Acq: 10 Nov 2022 03:03

Instrument :

BNA_F

ClientSampleId :

PL-05-110722

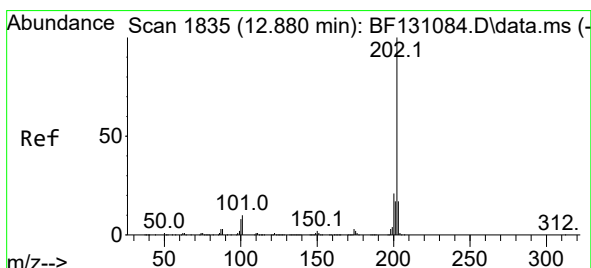
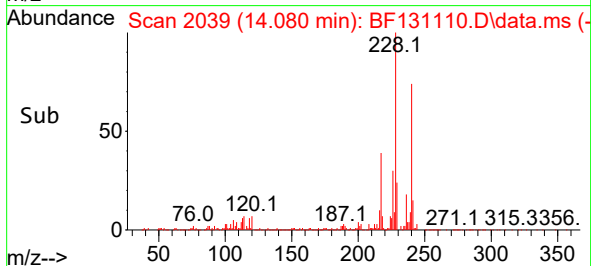
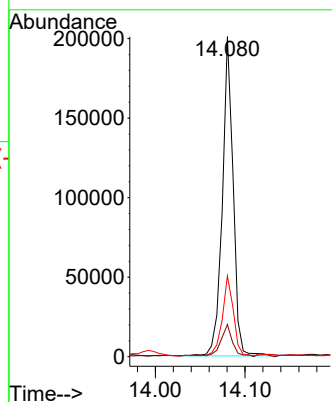
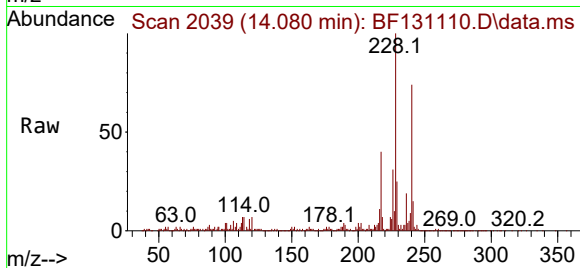
Tgt Ion:240 Resp: 168342

Ion Ratio Lower Upper

240 100

120 10.1 6.5 9.7#

236 25.2 19.7 29.5



#78

Pyrene

Concen: 100.494 ng

RT: 12.886 min Scan# 1836

Delta R.T. 0.006 min

Lab File: BF131110.D

Acq: 10 Nov 2022 03:03

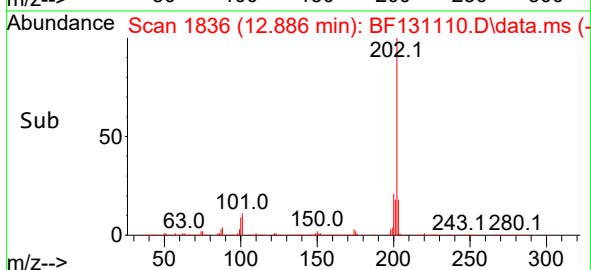
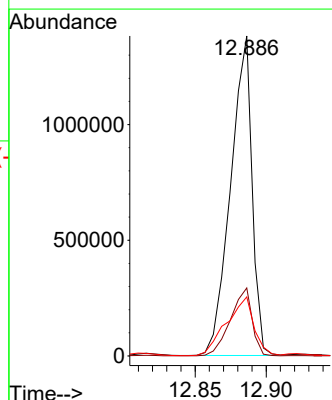
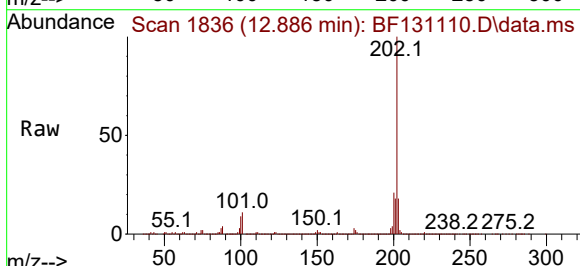
Tgt Ion:202 Resp: 1451436

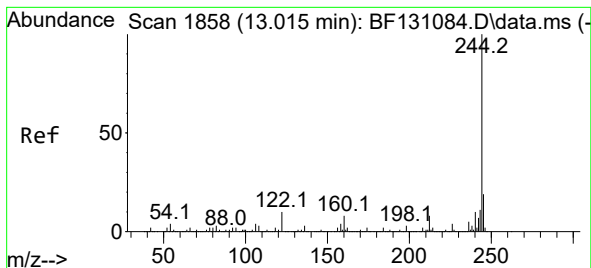
Ion Ratio Lower Upper

202 100

200 21.3 16.8 25.2

203 18.5 13.6 20.4





#79

Terphenyl-d14

Concen: 59.786 ng

RT: 13.016 min Scan# 1858

Delta R.T. 0.001 min

Lab File: BF131110.D

Acq: 10 Nov 2022 03:03

Instrument :

BNA_F

ClientSampleId :

PL-05-110722

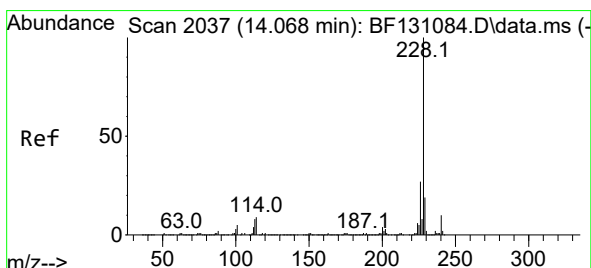
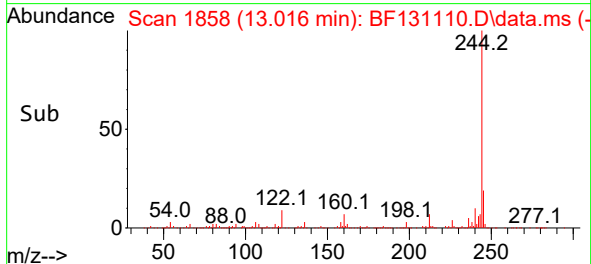
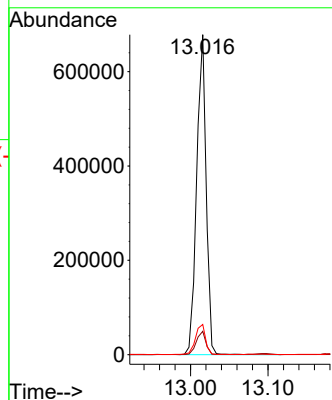
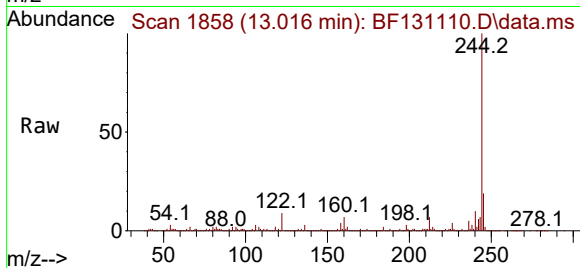
Tgt Ion:244 Resp: 574023

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

122 9.4 7.8 11.8



#81

Benzo(a)anthracene

Concen: 85.695 ng

RT: 14.069 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BF131110.D

Acq: 10 Nov 2022 03:03

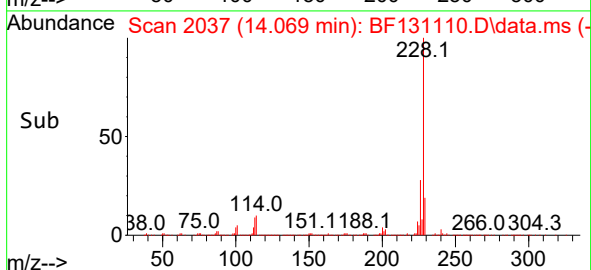
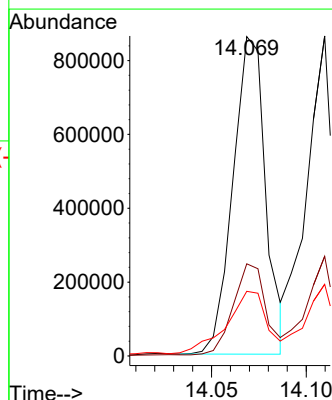
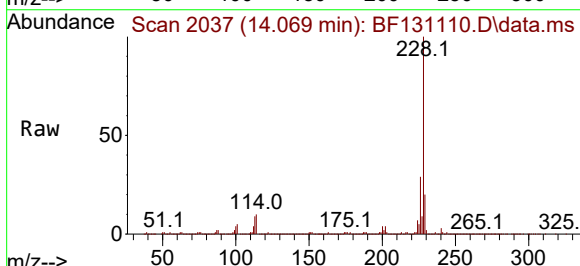
Tgt Ion:228 Resp: 1031137

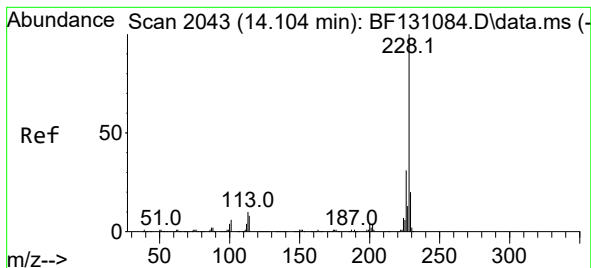
Ion Ratio Lower Upper

228 100

226 28.9 21.8 32.6

229 20.3 15.4 23.2





#83

Chrysene

Concen: 74.634 ng

RT: 14.110 min Scan# 2043

Delta R.T. 0.006 min

Lab File: BF131110.D

Acq: 10 Nov 2022 03:03

Instrument :

BNA_F

ClientSampleId :

PL-05-110722

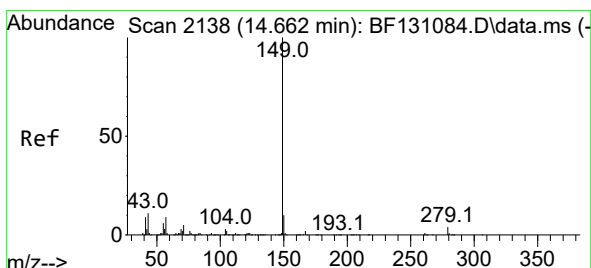
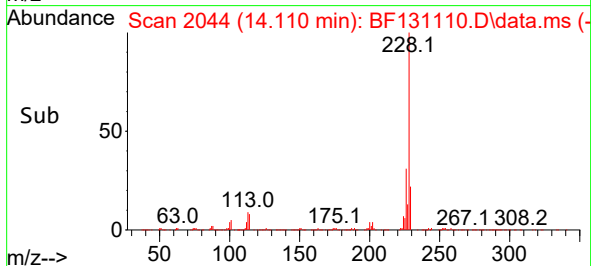
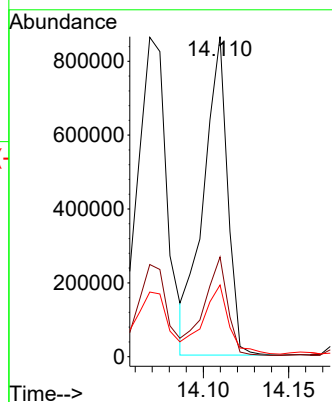
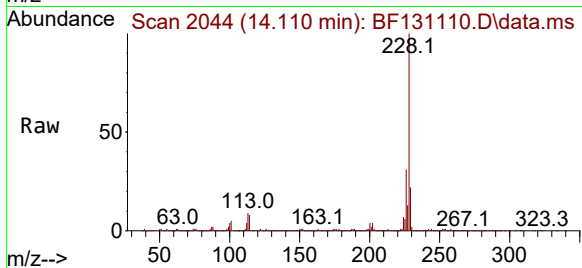
Tgt Ion:228 Resp: 848112

Ion Ratio Lower Upper

228 100

226 31.1 24.4 36.6

229 22.4 15.8 23.6



#85

Di-n-octyl phthalate

Concen: 3.093 ng

RT: 14.639 min Scan# 2134

Delta R.T. -0.023 min

Lab File: BF131110.D

Acq: 10 Nov 2022 03:03

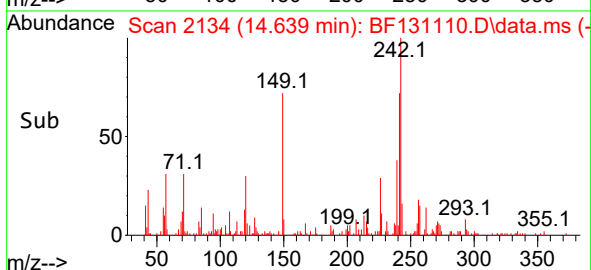
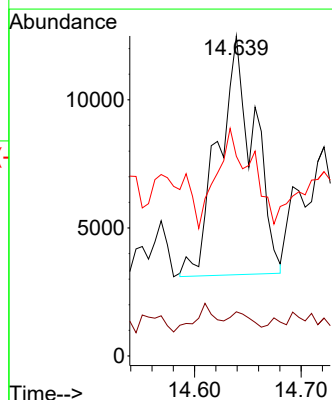
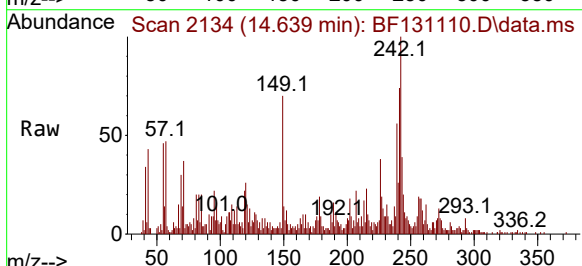
Tgt Ion:149 Resp: 21896

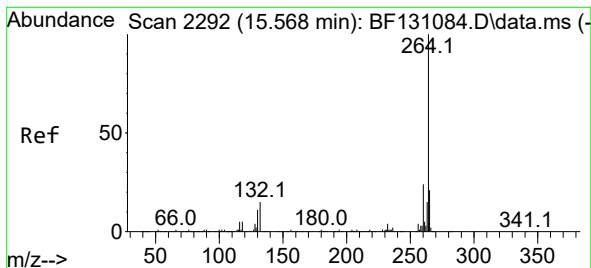
Ion Ratio Lower Upper

149 100

167 3.8 1.3 1.9#

43 40.1 9.4 14.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF131110.D

Acq: 10 Nov 2022 03:03

Instrument :

BNA_F

ClientSampleId :

PL-05-110722

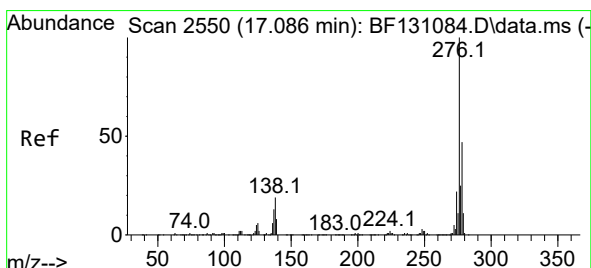
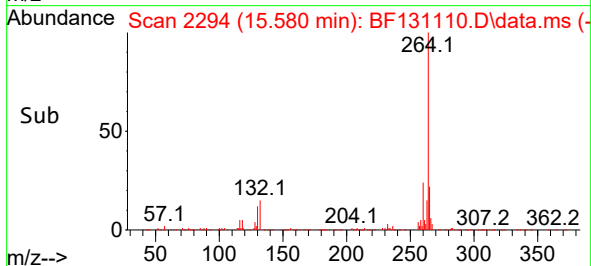
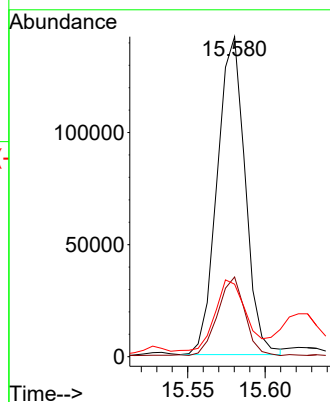
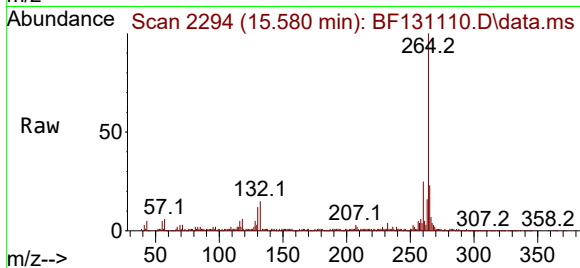
Tgt Ion:264 Resp: 177989

Ion Ratio Lower Upper

264 100

260 24.9 19.1 28.7

265 22.6 16.7 25.1



#87

Indeno(1,2,3-cd)pyrene

Concen: 29.959 ng

RT: 17.098 min Scan# 2552

Delta R.T. 0.012 min

Lab File: BF131110.D

Acq: 10 Nov 2022 03:03

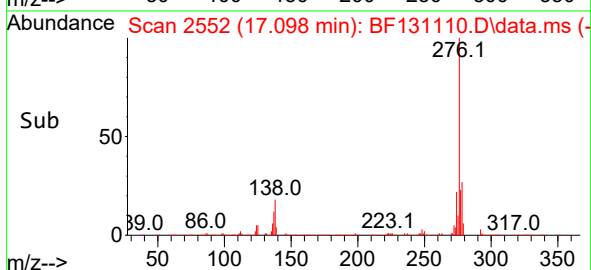
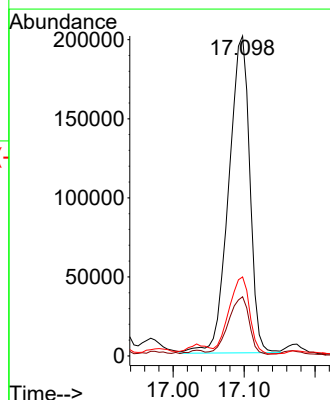
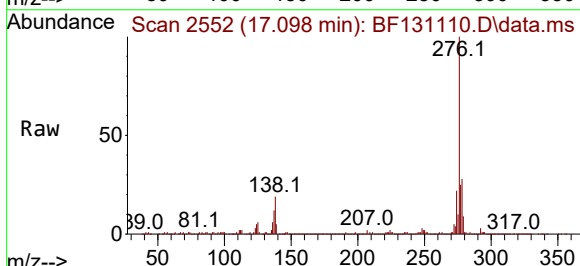
Tgt Ion:276 Resp: 413292

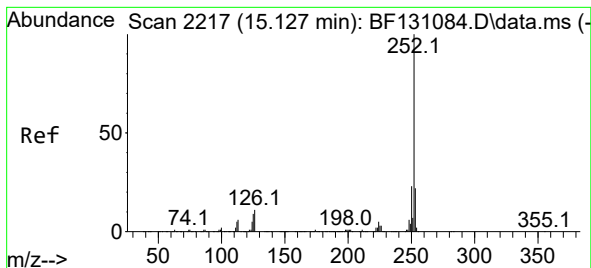
Ion Ratio Lower Upper

276 100

138 18.0 16.9 25.3

277 23.9 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 116.399 ng

RT: 15.145 min Scan# 2217

Delta R.T. 0.018 min

Lab File: BF131110.D

Acq: 10 Nov 2022 03:03

Instrument :

BNA_F

ClientSampleId :

PL-05-110722

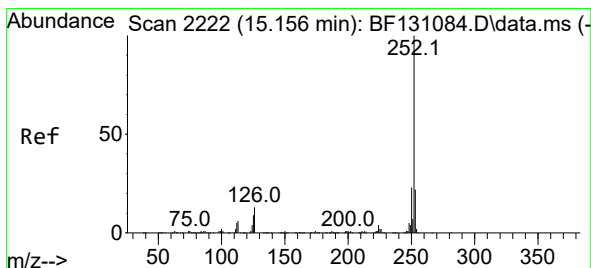
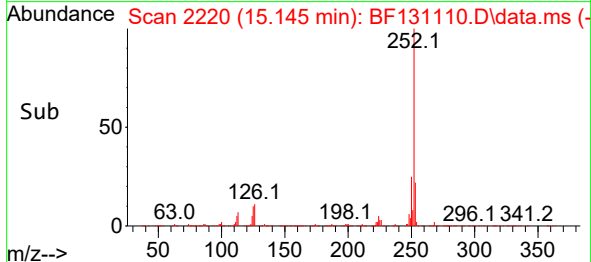
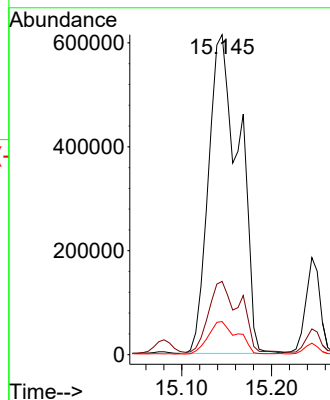
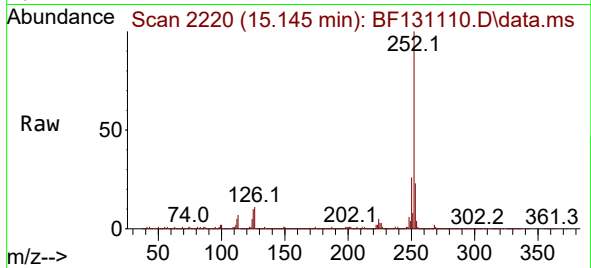
Tgt Ion:252 Resp: 1464761

Ion Ratio Lower Upper

252 100

253 22.9 17.3 25.9

125 10.4 7.2 10.8



#89

Benzo(k)fluoranthene

Concen: 121.102 ng

RT: 15.145 min Scan# 2220

Delta R.T. -0.011 min

Lab File: BF131110.D

Acq: 10 Nov 2022 03:03

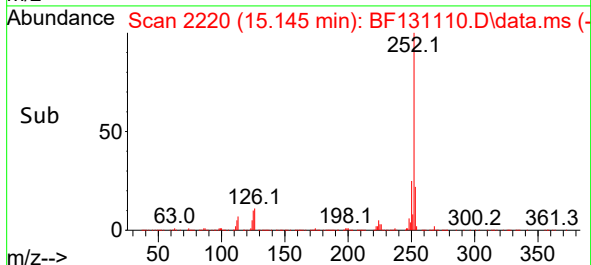
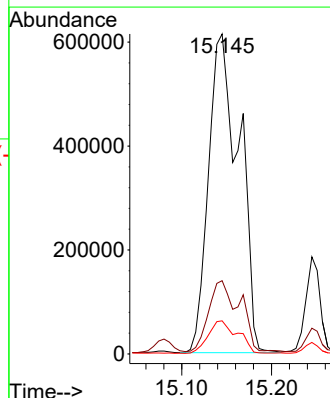
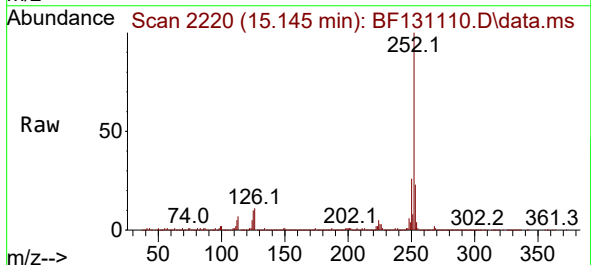
Tgt Ion:252 Resp: 1464761

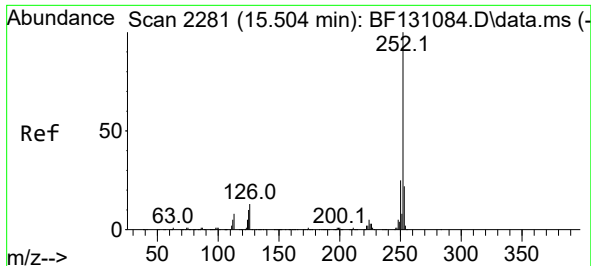
Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

125 10.4 7.5 11.3

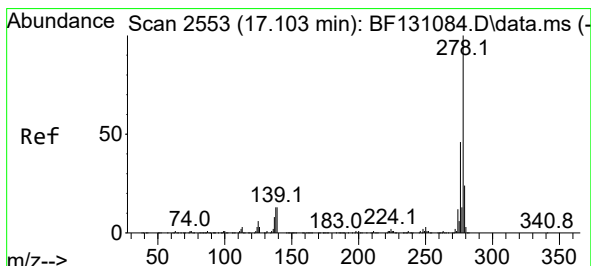
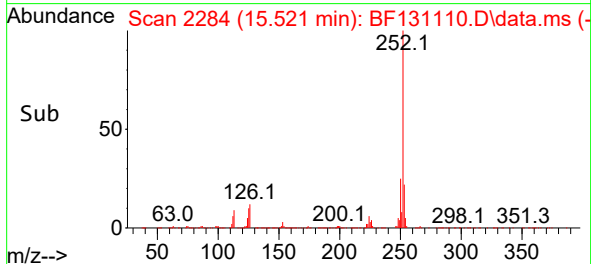
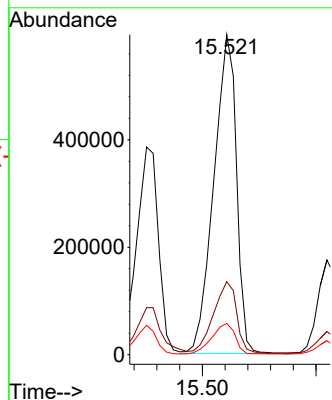
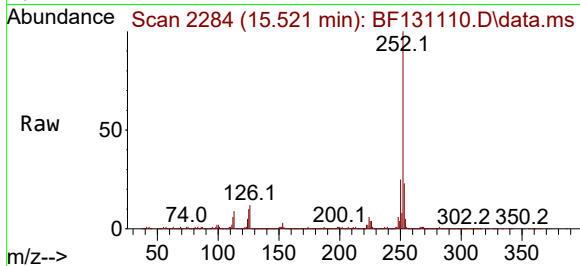




#90
Benzo(a)pyrene
Concen: 81.541 ng
RT: 15.521 min Scan# 21
Delta R.T. 0.017 min
Lab File: BF131110.D
Acq: 10 Nov 2022 03:03

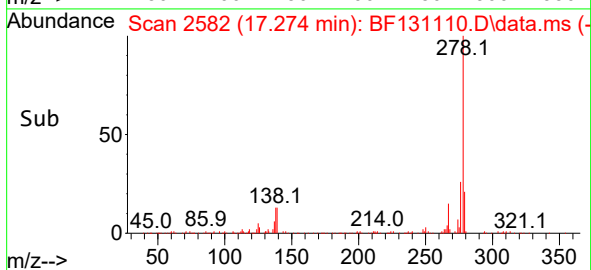
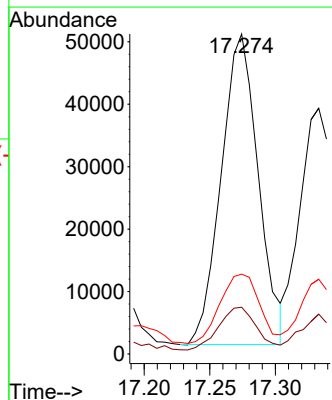
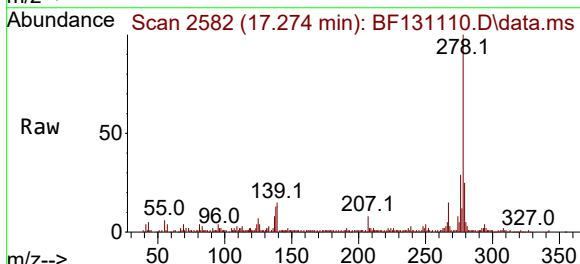
Instrument :
BNA_F
ClientSampleId :
PL-05-110722

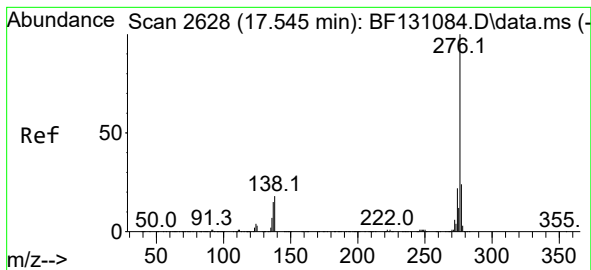
Tgt Ion:252 Resp: 822643
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 9.8 8.1 12.1



#91
Dibenzo(a,h)anthracene
Concen: 11.459 ng
RT: 17.274 min Scan# 2582
Delta R.T. 0.171 min
Lab File: BF131110.D
Acq: 10 Nov 2022 03:03

Tgt Ion:278 Resp: 97748
Ion Ratio Lower Upper
278 100
139 14.6 10.8 16.2
279 25.0 19.2 28.8





#92

Benzo(g,h,i)perylene

Concen: 30.072 ng

RT: 17.557 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF131110.D

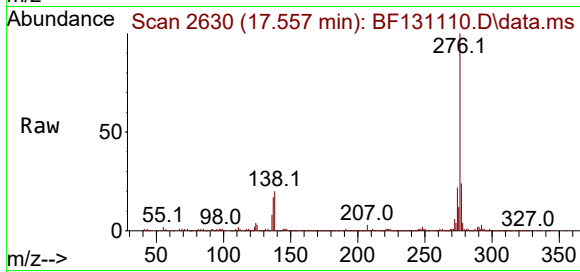
Acq: 10 Nov 2022 03:03

Instrument :

BNA_F

ClientSampleId :

PL-05-110722



Tgt Ion:276 Resp: 353964

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 19.6 14.6 21.8

