

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031623\
 Data File : BF132821.D
 Acq On : 16 Mar 2023 20:08
 Operator : CG\JU
 Sample : PB151460BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 17 04:15:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 03:35:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	198740	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	787645	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	420436	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	842765	20.000	ng	0.00
76) Chrysene-d12	14.151	240	674870	20.000	ng	0.00
86) Perylene-d12	15.674	264	638553	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	1444150	122.615	ng	0.02
7) Phenol-d6	6.598	99	1908900	124.867	ng	0.00
23) Nitrobenzene-d5	7.528	82	1288486	83.716	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	553496	123.842	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	2060019	80.487	ng	0.00
79) Terphenyl-d14	13.086	244	2711464	72.548	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.722	88	62	0.009	ng	# 1
3) Pyridine	3.575	79	53	0.003	ng	# 1
4) n-Nitrosodimethylamine	3.652	42	67	0.011	ng	# 1
6) Aniline	6.657	93	60	0.003	ng	# 1
9) Benzaldehyde	6.551	77	784	0.125	ng	# 80
10) Phenol	6.593	94	397	0.023	ng	# 1
11) bis(2-Chloroethyl)ether	6.657	93	60	0.004	ng	# 23
15) Benzyl Alcohol	7.163	79	259	0.029	ng	# 13
17) 2-Methylphenol	7.210	107	197	0.017	ng	# 32
19) n-Nitroso-di-n-propyla...	7.528	70	170496	19.547	ng	# 76
20) 3+4-Methylphenols	7.363	107	119	0.009	ng	# 1
24) Nitrobenzene	7.563	77	424	0.025	ng	# 39
25) Isophorone	7.528	82	1288472	42.585	ng	# 66
26) 2-Nitrophenol	7.881	139	58	0.007	ng	# 32
28) bis(2-Chloroethoxy)met...	7.987	93	184	0.010	ng	# 49
31) Naphthalene	8.263	128	55	0.001	ng	# 67
32) Benzoic acid	8.210	122	70	10.477	ng	# 1
33) 4-Chloroaniline	8.387	127	2155	0.125	ng	# 91
35) Caprolactam	8.928	113	134	0.035	ng	# 1
36) 4-Chloro-3-methylphenol	8.851	107	1328	0.105	ng	# 46
37) 2-Methylnaphthalene	8.945	142	123	0.005	ng	# 6
38) 1-Methylnaphthalene	8.945	142	123	0.005	ng	# 4
46) 1,1'-Biphenyl	9.322	154	3962	0.127	ng	# 1
48) 2-Nitroaniline	9.322	65	3412	0.421	ng	# 1
49) Acenaphthylene	9.851	152	56	0.001	ng	# 60
51) 2,6-Dinitrotoluene	10.004	165	54307	8.148	ng	# 28
52) Acenaphthene	10.004	154	1764	0.077	ng	# 5
53) 3-Nitroaniline	9.998	138	53	0.007	ng	# 1
55) Dibenzofuran	10.204	168	54	0.002	ng	# 44
57) 2,4-Dinitrotoluene	10.004	165	54307	6.378	ng	# 23
58) Fluorene	10.798	166	19678	0.705	ng	# 85
60) Diethylphthalate	10.416	149	439	0.015	ng	# 58
63) Azobenzene	10.704	77	314	0.011	ng	# 43
65) 4,6-Dinitro-2-methylph...	10.798	198	1455	0.282	ng	# 1
66) n-Nitrosodiphenylamine	10.798	169	18044	0.693	ng	# 52
67) 4-Bromophenyl-phenylether	10.798	248	36133	3.708	ng	# 1

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

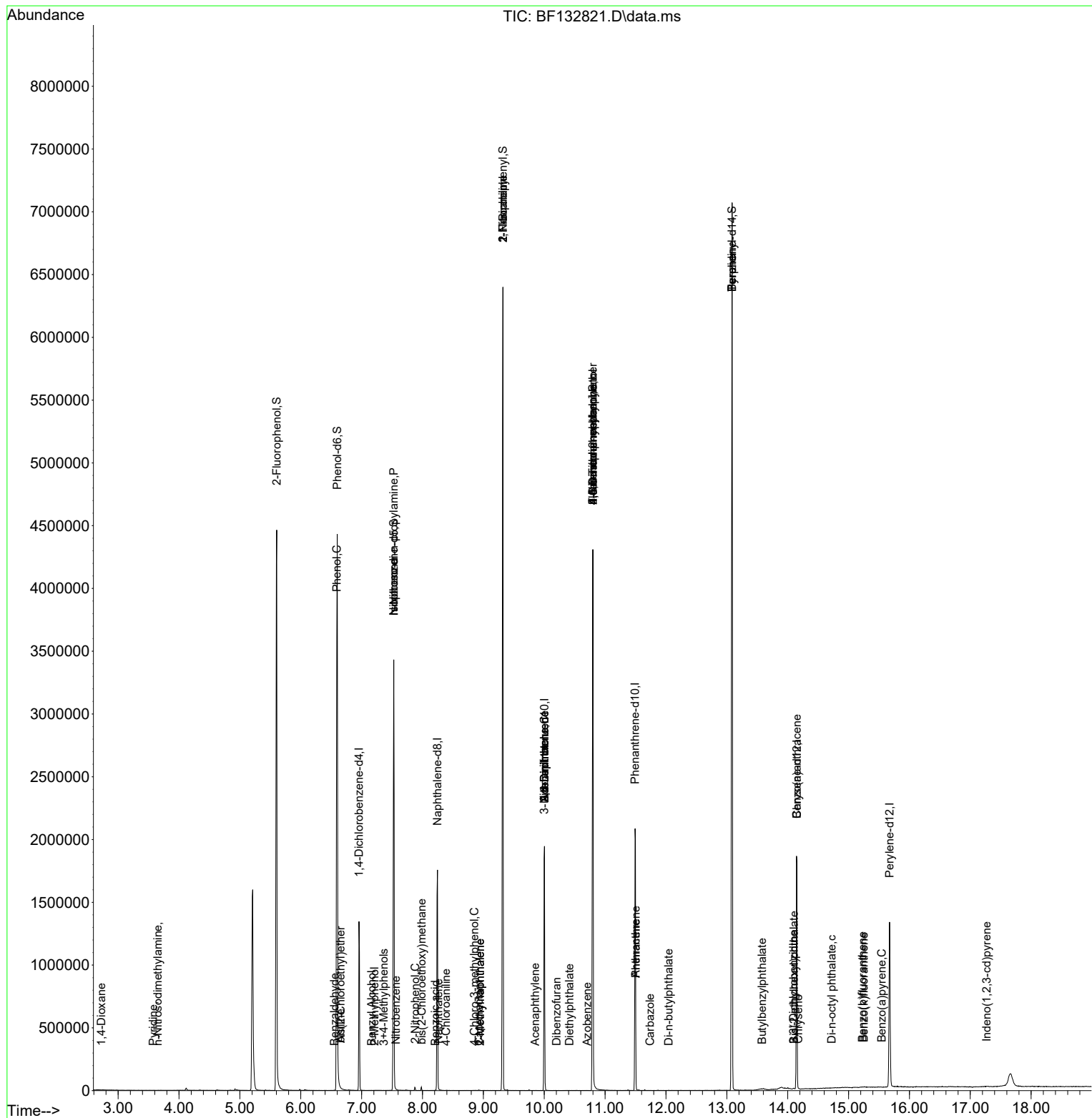
71) Phenanthrene	11.504	178	547	0.013	ng	# 1
72) Anthracene	11.504	178	547	0.013	ng	# 1
73) Carbazole	11.739	167	54	0.001	ng	# 59
74) Di-n-butylphthalate	12.045	149	1525	0.033	ng	# 94
77) Benzidine	13.086	184	39545	9.409	ng	# 92
78) Pyrene	13.086	202	9381	0.167	ng	# 76
80) Butylbenzylphthalate	13.580	149	55	0.002	ng	# 22
81) Benzo(a)anthracene	14.151	228	1923	0.039	ng	# 66
82) 3,3'-Dichlorobenzidine	14.098	252	4088	0.322	ng	# 96
83) Chrysene	14.174	228	71	0.002	ng	# 48
84) Bis(2-ethylhexyl)phtha...	14.104	149	577	0.020	ng	# 90
85) Di-n-octyl phthalate	14.721	149	793	0.018	ng	# 3
87) Indeno(1,2,3-cd)pyrene	17.268	276	54	0.001	ng	# 51
88) Benzo(b)fluoranthene	15.227	252	134	0.003	ng	# 59
89) Benzo(k)fluoranthene	15.251	252	178	0.004	ng	# 59
90) Benzo(a)pyrene	15.545	252	76	0.002	ng	# 60

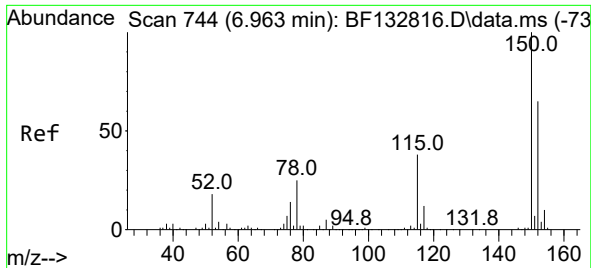
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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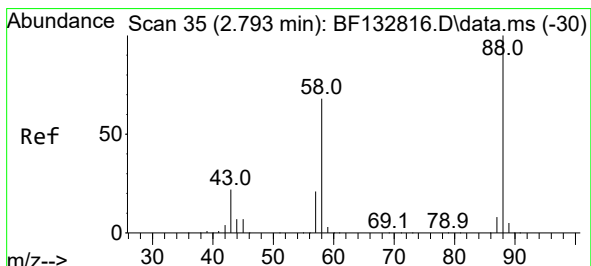
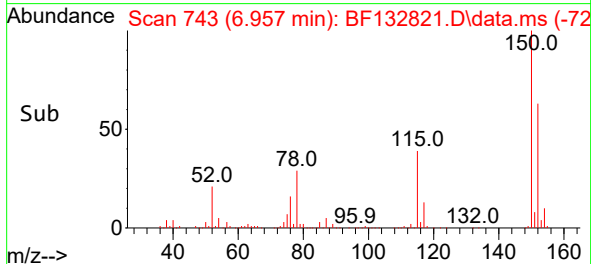
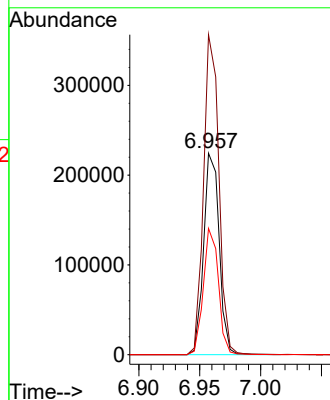
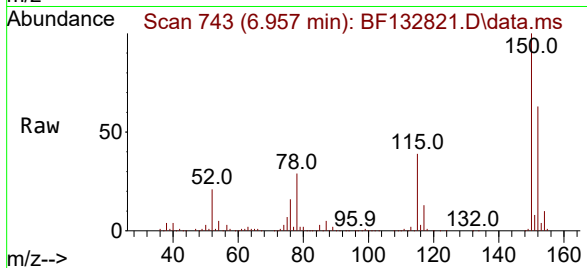




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF132821.D
 Acq: 16 Mar 2023 20:08

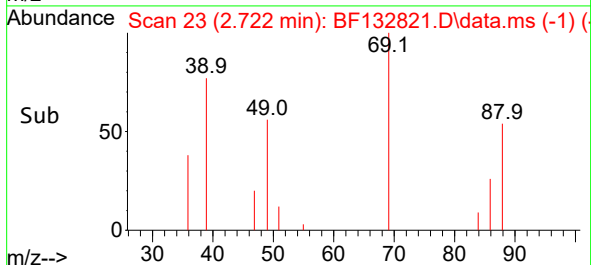
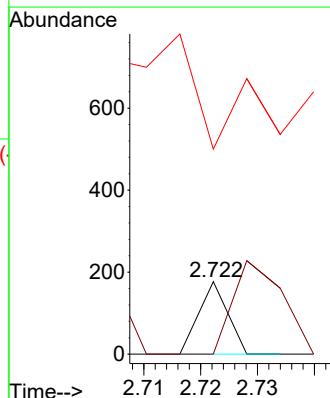
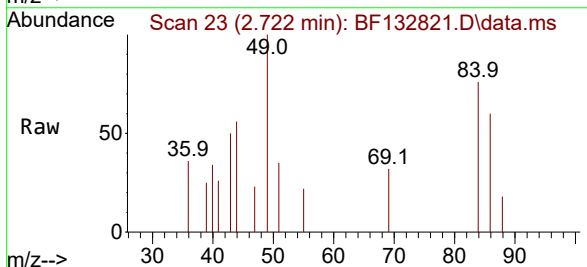
Instrument :
 BNA_F
 ClientSampleId :

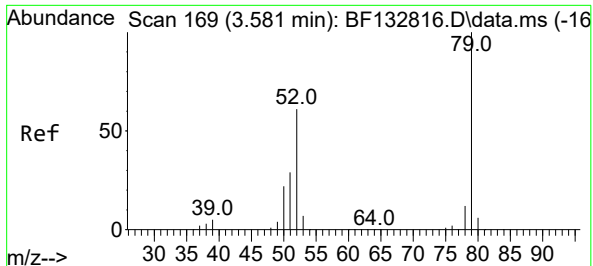
Tgt Ion:152 Resp: 198740
 Ion Ratio Lower Upper
 152 100
 150 158.9 122.7 184.1
 115 62.7 46.2 69.4



#2
 1,4-Dioxane
 Concen: 0.009 ng
 RT: 2.722 min Scan# 23
 Delta R.T. -0.070 min
 Lab File: BF132821.D
 Acq: 16 Mar 2023 20:08

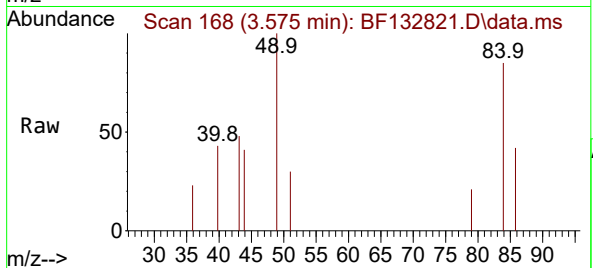
Tgt Ion: 88 Resp: 62
 Ion Ratio Lower Upper
 88 100
 58 221.0 53.8 80.8#
 43 819.4 18.2 27.4#



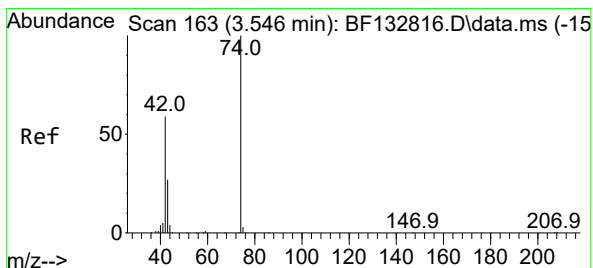
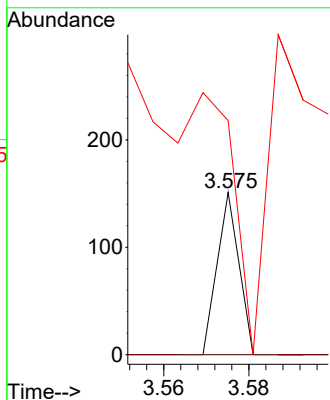
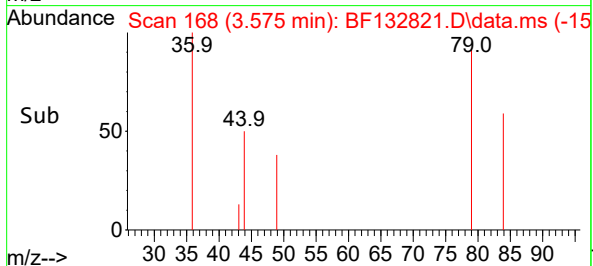


#3
Pyridine
Concen: 0.003 ng
RT: 3.575 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF132821.D
Acq: 16 Mar 2023 20:08

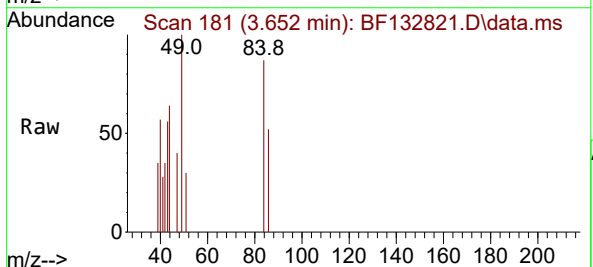
Instrument :
BNA_F
ClientSampleId :



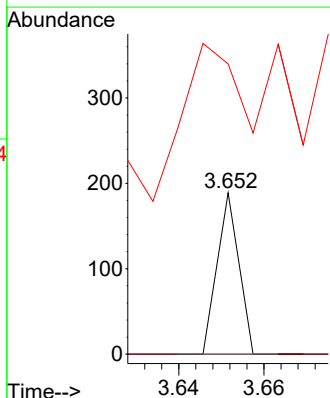
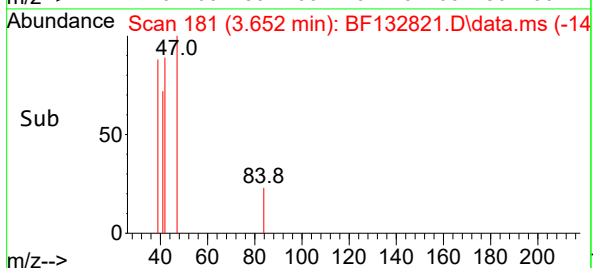
Tgt Ion: 79 Resp: 53
Ion Ratio Lower Upper
79 100
52 0.0 48.5 72.7#
51 144.4 23.1 34.7#

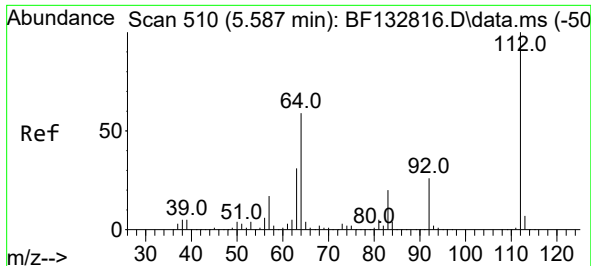


#4
n-Nitrosodimethylamine
Concen: 0.011 ng
RT: 3.652 min Scan# 181
Delta R.T. 0.106 min
Lab File: BF132821.D
Acq: 16 Mar 2023 20:08



Tgt Ion: 42 Resp: 67
Ion Ratio Lower Upper
42 100
74 0.0 135.2 202.8#
44 179.9 6.0 9.0#

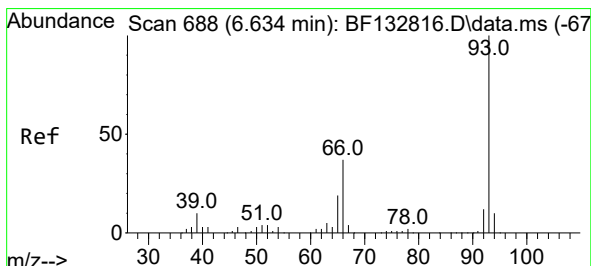
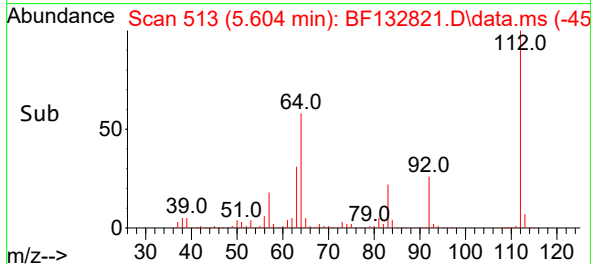
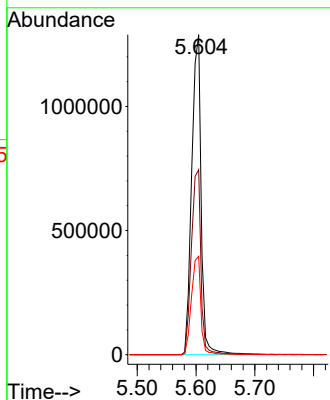
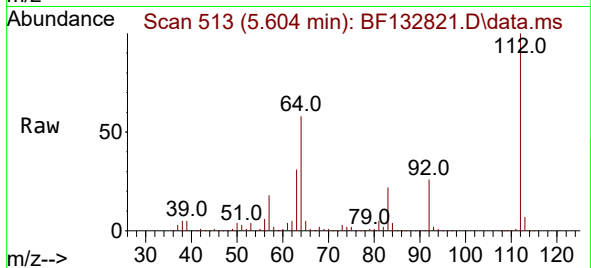




#5
2-Fluorophenol
Concen: 122.615 ng
RT: 5.604 min Scan# 510
Delta R.T. 0.018 min
Lab File: BF132821.D
Acq: 16 Mar 2023 20:08

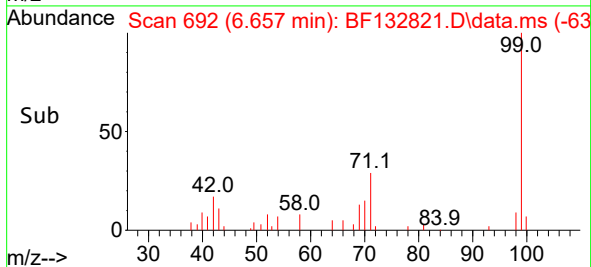
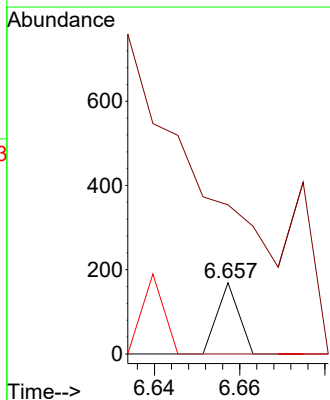
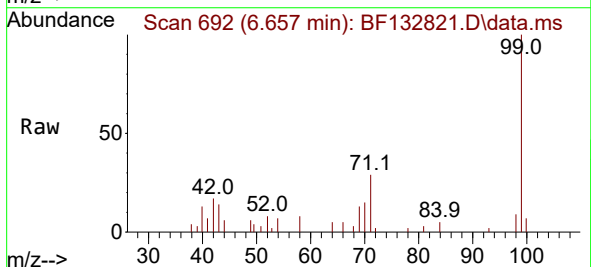
Instrument :
BNA_F
ClientSampleId :

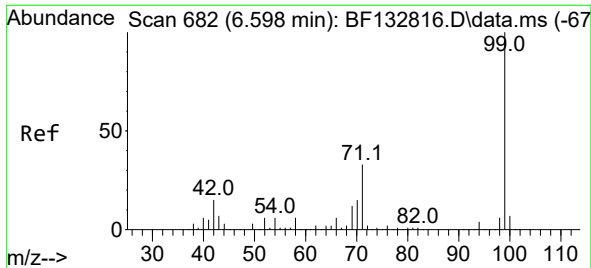
Tgt Ion:112 Resp: 1444150
Ion Ratio Lower Upper
112 100
64 57.8 47.1 70.7
63 30.7 24.4 36.6



#6
Aniline
Concen: 0.003 ng
RT: 6.657 min Scan# 692
Delta R.T. 0.024 min
Lab File: BF132821.D
Acq: 16 Mar 2023 20:08

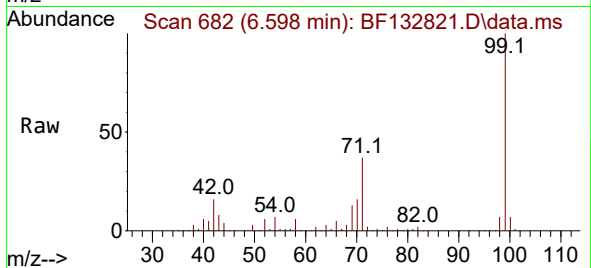
Tgt Ion: 93 Resp: 60
Ion Ratio Lower Upper
93 100
66 209.5 30.1 45.1#
65 0.0 15.0 22.6#



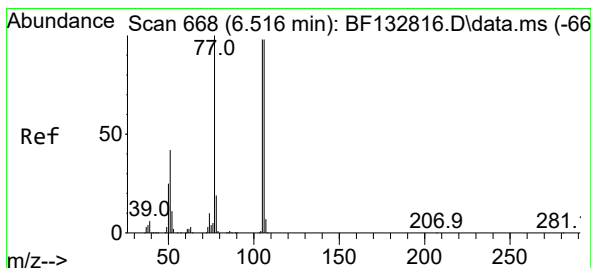
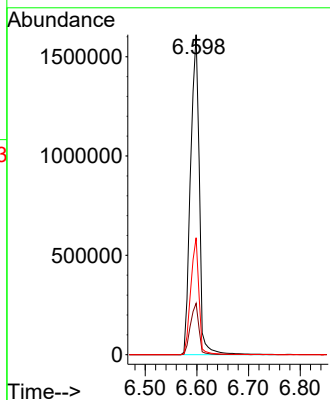
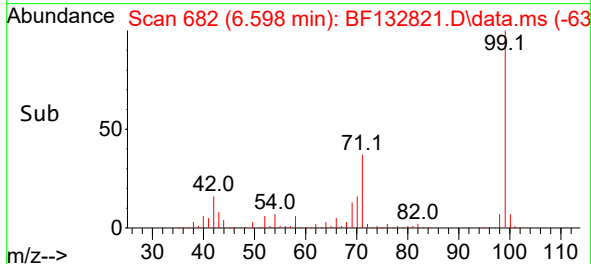


#7
Phenol-d6
Concen: 124.867 ng
RT: 6.598 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132821.D
Acq: 16 Mar 2023 20:08

Instrument :
BNA_F
ClientSampleId :

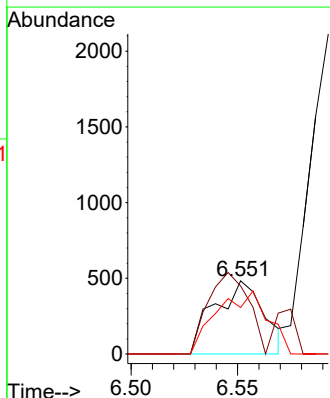
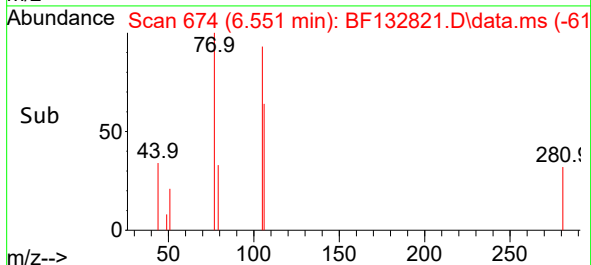
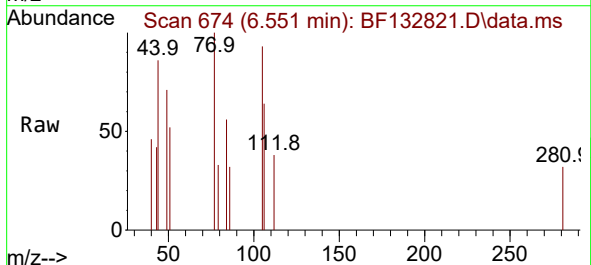


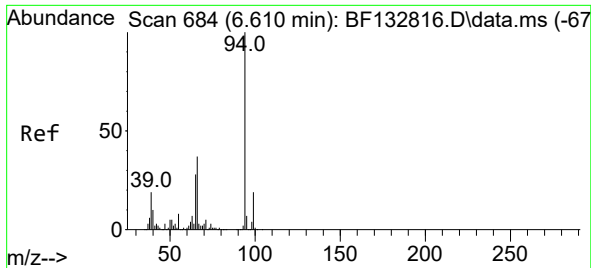
Tgt Ion: 99 Resp: 1908900
Ion Ratio Lower Upper
99 100
42 16.0 11.9 17.9
71 36.5 26.3 39.5



#9
Benzaldehyde
Concen: 0.125 ng
RT: 6.551 min Scan# 674
Delta R.T. 0.035 min
Lab File: BF132821.D
Acq: 16 Mar 2023 20:08

Tgt Ion: 77 Resp: 784
Ion Ratio Lower Upper
77 100
105 93.2 77.5 117.5
106 63.6 78.5 118.5

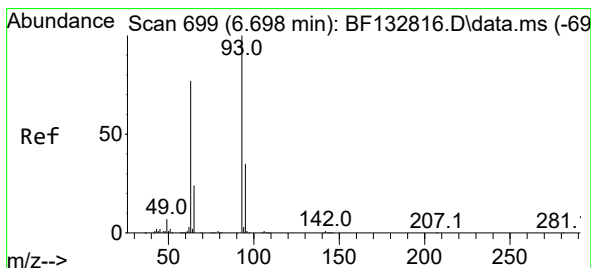
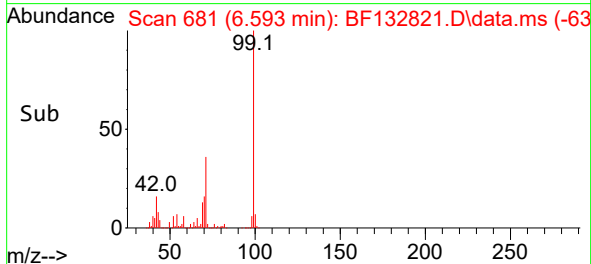
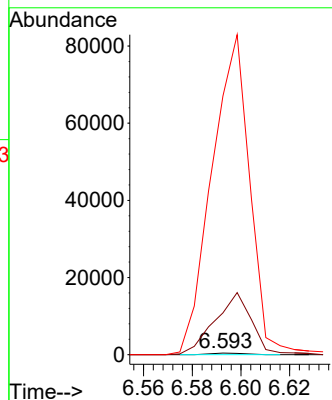
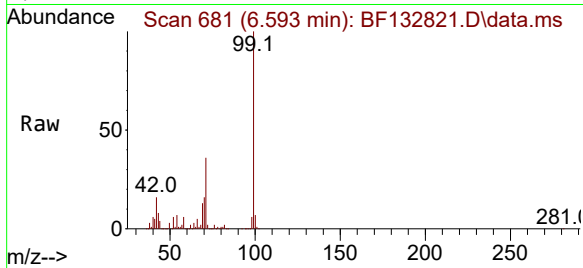




#10
Phenol
Concen: 0.023 ng
RT: 6.593 min Scan# 61
Delta R.T. -0.017 min
Lab File: BF132821.D
Acq: 16 Mar 2023 20:08

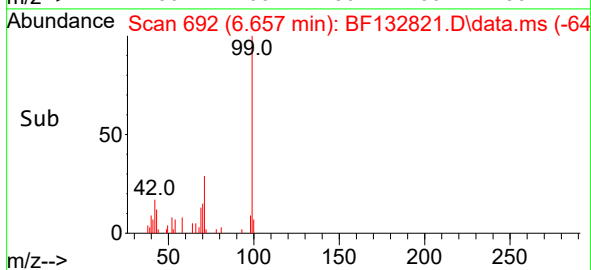
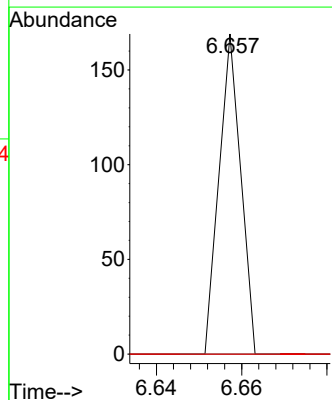
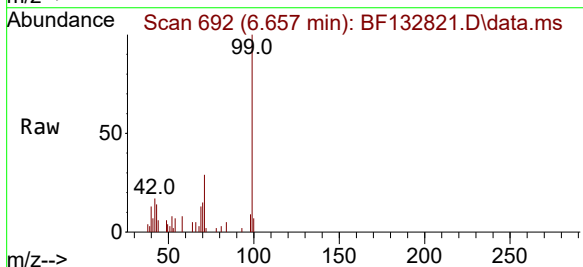
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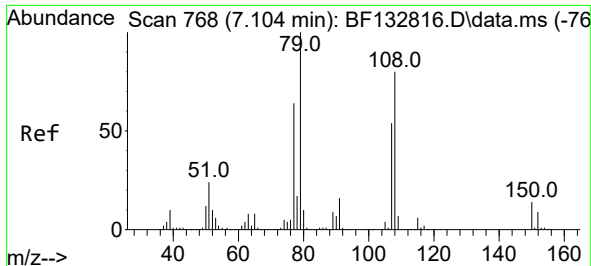
Tgt Ion: 94 Resp: 397
Ion Ratio Lower Upper
94 100
65 2742.3 7.7 47.7#
66 16966.1 16.5 56.5#



#11
bis(2-Chloroethyl)ether
Concen: 0.004 ng
RT: 6.657 min Scan# 692
Delta R.T. -0.041 min
Lab File: BF132821.D
Acq: 16 Mar 2023 20:08

Tgt Ion: 93 Resp: 60
Ion Ratio Lower Upper
93 100
63 0.0 50.5 90.5#
95 0.0 11.8 51.8#





#15

Benzyl Alcohol

Concen: 0.029 ng

RT: 7.163 min Scan# 71

Delta R.T. 0.059 min

Lab File: BF132821.D

Acq: 16 Mar 2023 20:08

Instrument :

BNA_F

ClientSampleId :

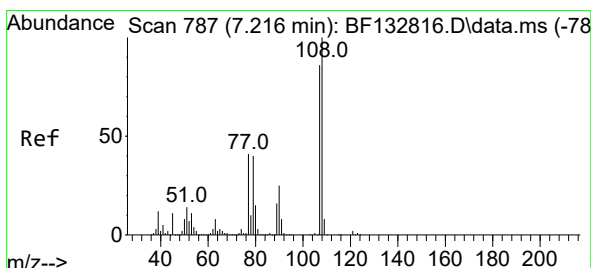
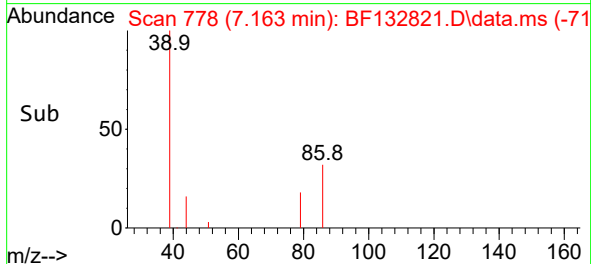
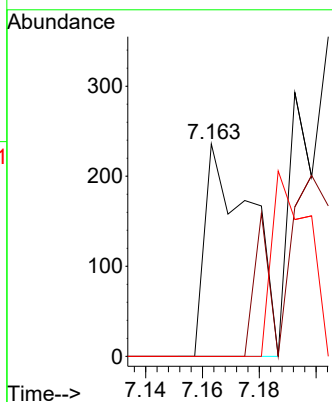
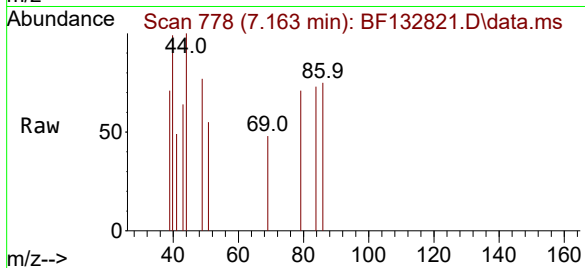
Tgt Ion: 79 Resp: 259

Ion Ratio Lower Upper

79 100

108 0.0 64.2 96.2#

77 0.0 51.4 77.2#



#17

2-Methylphenol

Concen: 0.017 ng

RT: 7.210 min Scan# 786

Delta R.T. -0.006 min

Lab File: BF132821.D

Acq: 16 Mar 2023 20:08

Tgt Ion: 107 Resp: 197

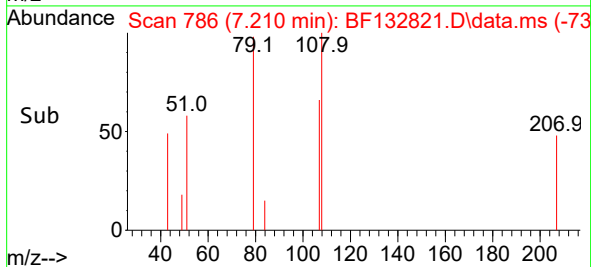
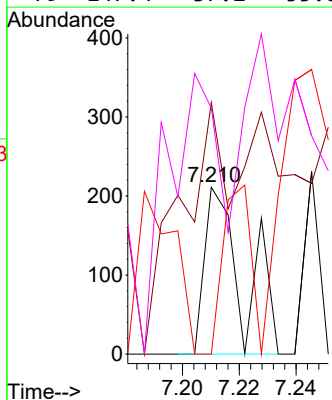
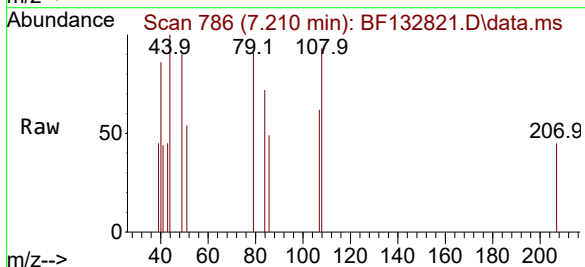
Ion Ratio Lower Upper

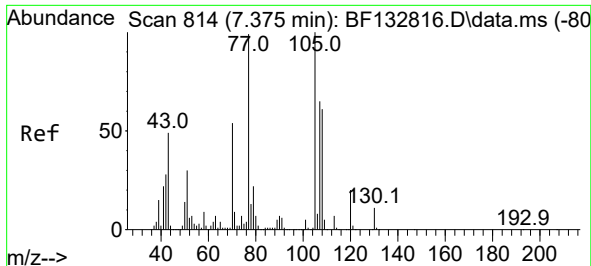
107 100

108 150.7 92.6 139.0#

77 0.0 38.6 57.8#

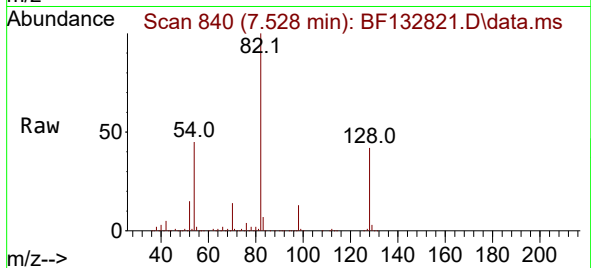
79 147.4 37.2 55.8#



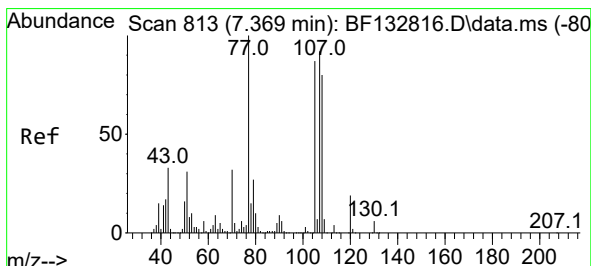
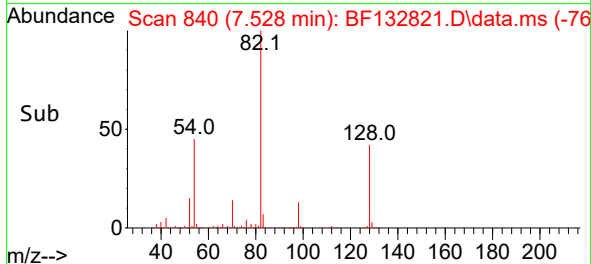
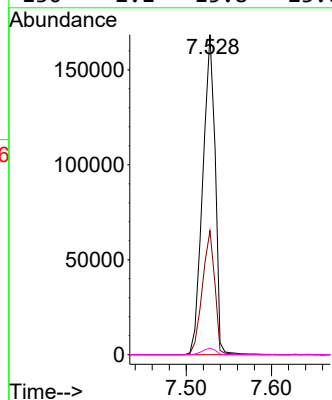


#19
n-Nitroso-di-n-propylamine
Concen: 19.547 ng
RT: 7.528 min Scan# 840
Delta R.T. 0.153 min
Lab File: BF132821.D
Acq: 16 Mar 2023 20:08

Instrument :
BNA_F
ClientSampleId :

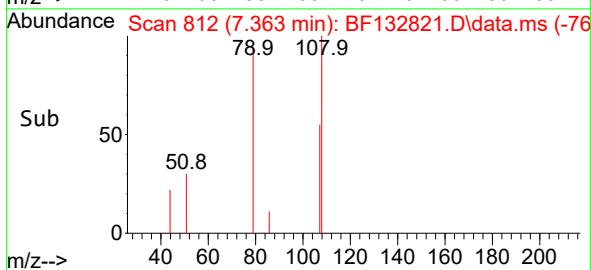
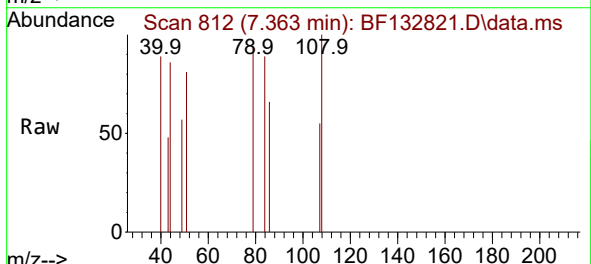
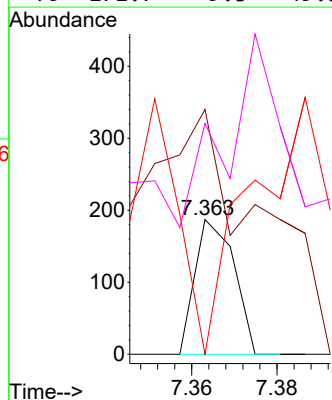


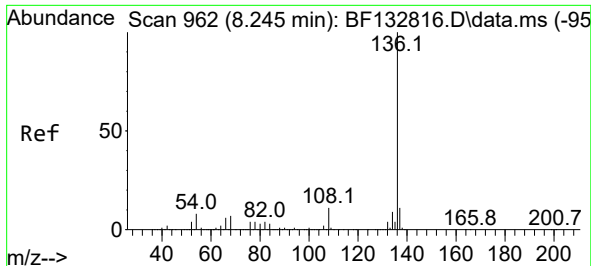
Tgt Ion: 70 Resp: 170496
Ion Ratio Lower Upper
70 100
42 38.8 40.9 61.3#
101 0.0 7.8 11.6#
130 2.1 15.8 23.6#



#20
3+4-Methylphenols
Concen: 0.009 ng
RT: 7.363 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF132821.D
Acq: 16 Mar 2023 20:08

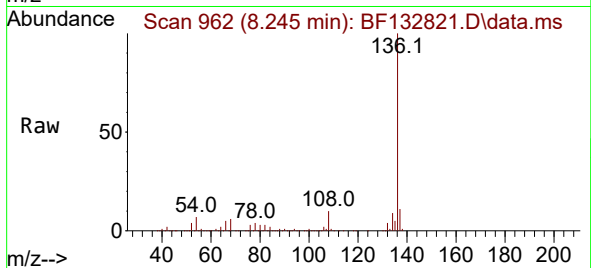
Tgt Ion: 107 Resp: 119
Ion Ratio Lower Upper
107 100
108 181.8 67.6 107.6#
77 0.0 89.1 129.1#
79 171.7 9.3 49.3#



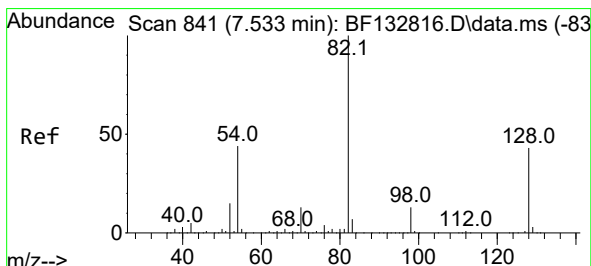
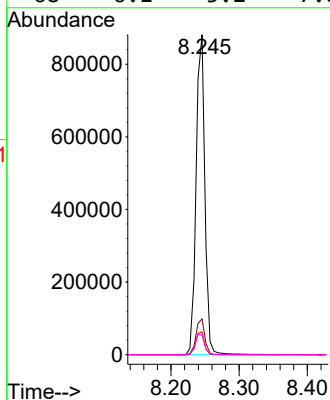
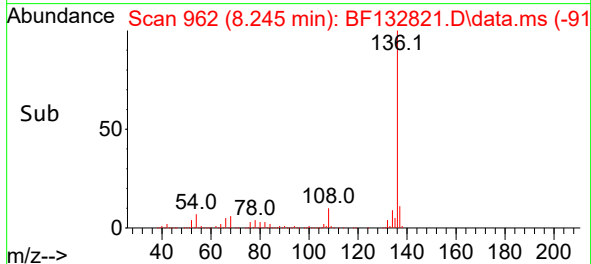


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132821.D
Acq: 16 Mar 2023 20:08

Instrument :
BNA_F
ClientSampleId :

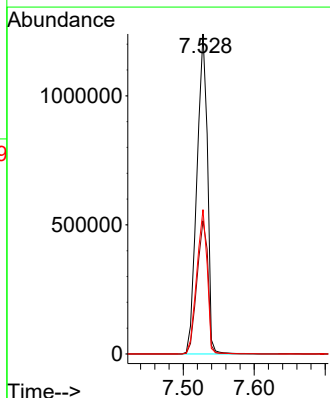
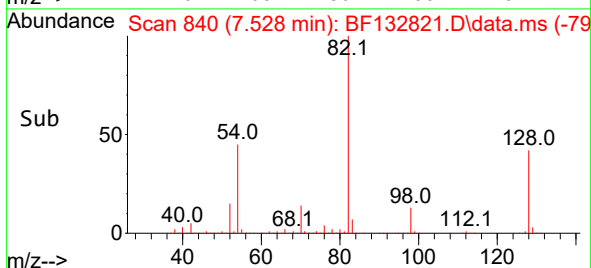
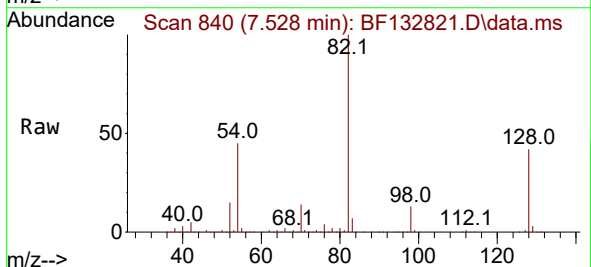


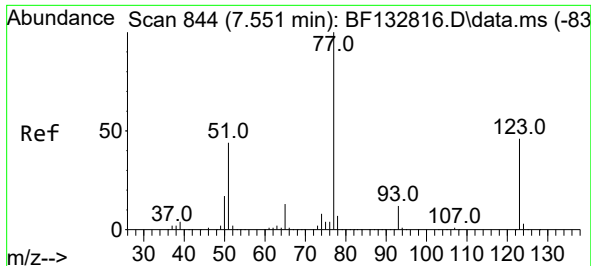
Tgt Ion:136 Resp: 787645
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 7.1 6.1 9.1
68 6.1 5.2 7.8



#23
Nitrobenzene-d5
Concen: 83.716 ng
RT: 7.528 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF132821.D
Acq: 16 Mar 2023 20:08

Tgt Ion: 82 Resp: 1288486
Ion Ratio Lower Upper
82 100
128 41.6 34.4 51.6
54 45.1 35.2 52.8

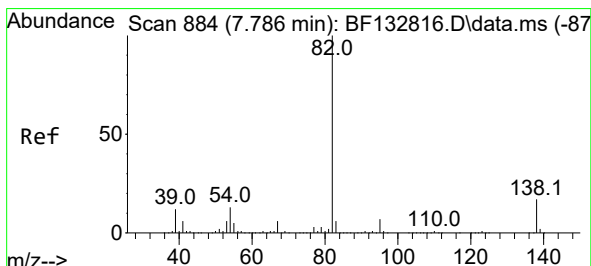
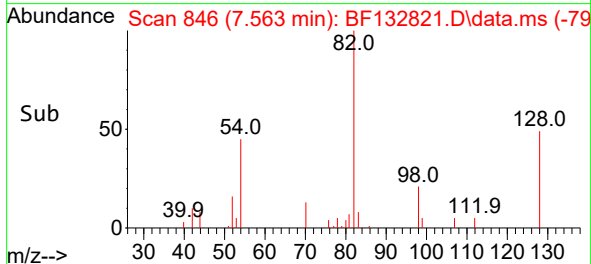
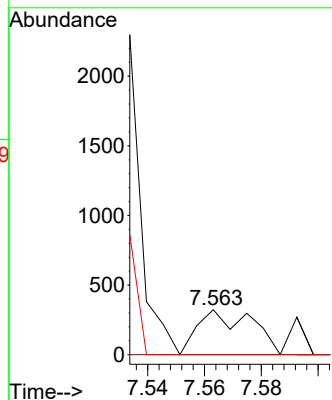
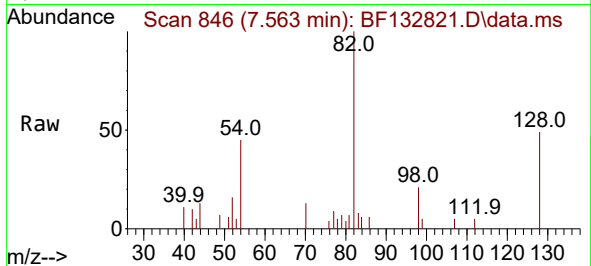




#24
Nitrobenzene
Concen: 0.025 ng
RT: 7.563 min Scan# 84
Delta R.T. 0.012 min
Lab File: BF132821.D
Acq: 16 Mar 2023 20:08

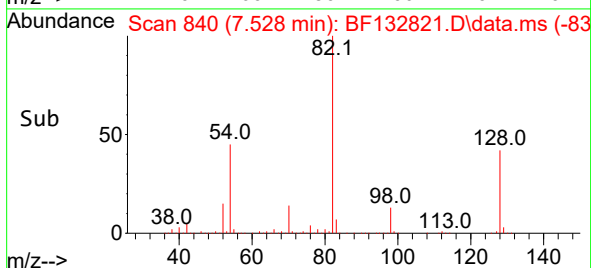
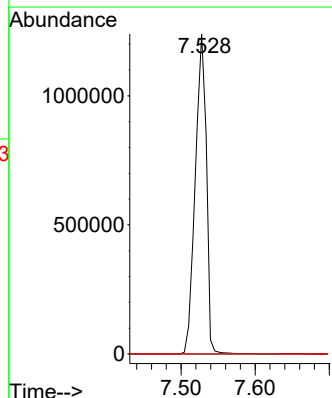
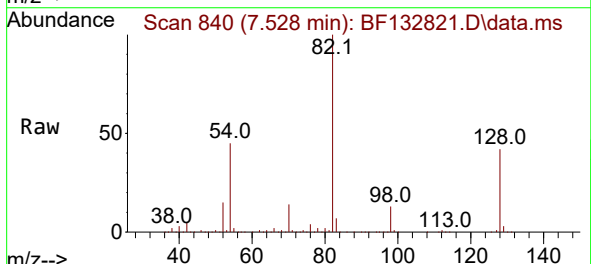
Instrument :
BNA_F
ClientSampleId :

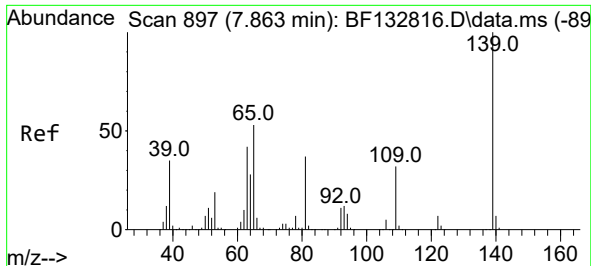
Tgt Ion: 77 Resp: 424
Ion Ratio Lower Upper
77 100
123 0.0 36.4 54.6#
65 0.0 10.3 15.5#



#25
Isophorone
Concen: 42.585 ng
RT: 7.528 min Scan# 840
Delta R.T. -0.259 min
Lab File: BF132821.D
Acq: 16 Mar 2023 20:08

Tgt Ion: 82 Resp: 1288472
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#

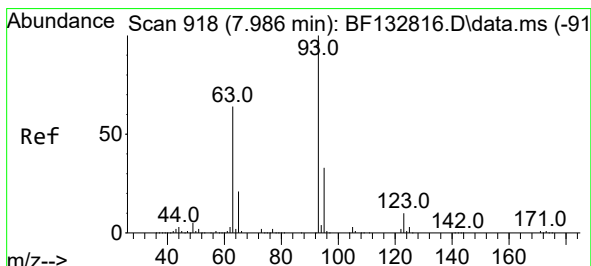
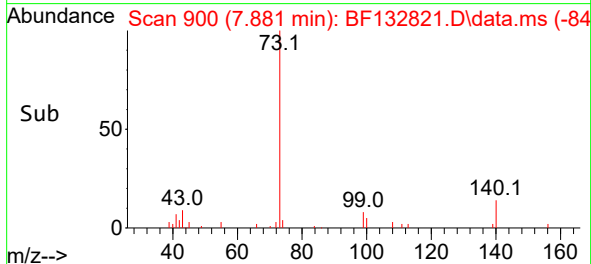
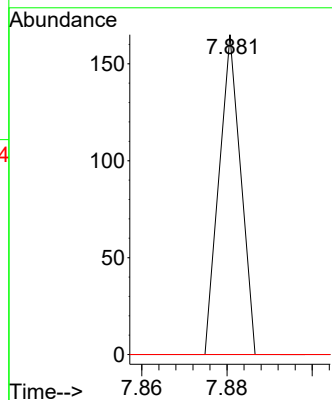
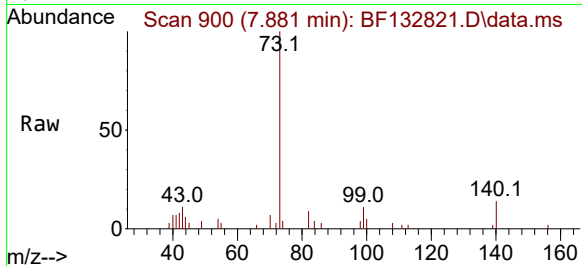




#26
2-Nitrophenol
Concen: 0.007 ng
RT: 7.881 min Scan# 900
Delta R.T. 0.018 min
Lab File: BF132821.D
Acq: 16 Mar 2023 20:08

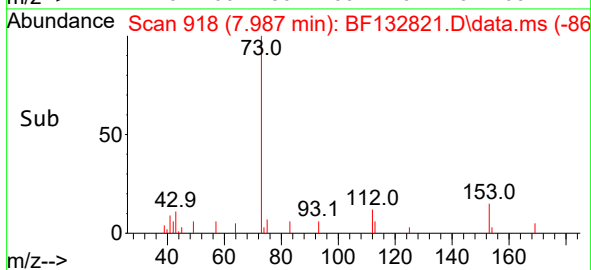
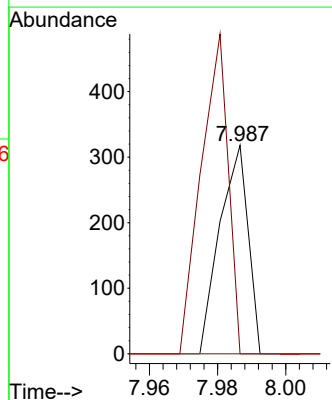
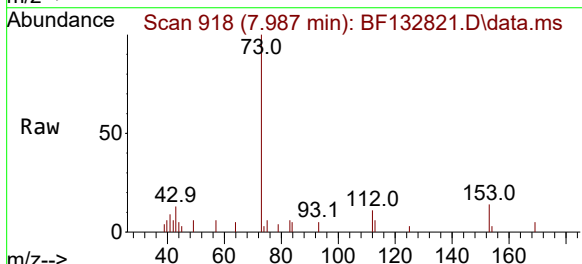
Instrument :
BNA_F
ClientSampleId :

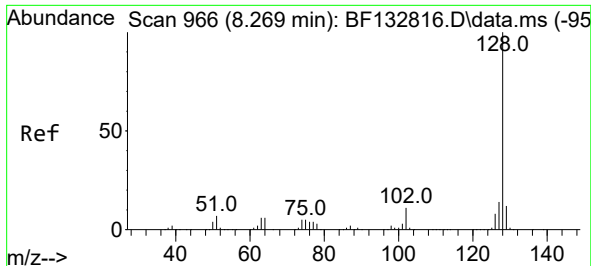
Tgt Ion:139 Resp: 58
Ion Ratio Lower Upper
139 100
109 0.0 25.8 38.8#
65 0.0 42.7 64.1#



#28
bis(2-Chloroethoxy)methane
Concen: 0.010 ng
RT: 7.987 min Scan# 918
Delta R.T. 0.000 min
Lab File: BF132821.D
Acq: 16 Mar 2023 20:08

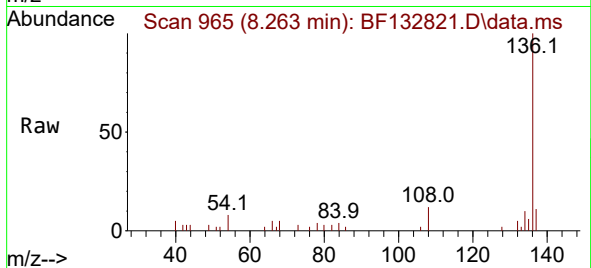
Tgt Ion: 93 Resp: 184
Ion Ratio Lower Upper
93 100
95 0.0 26.4 39.6#
123 0.0 8.4 12.6#



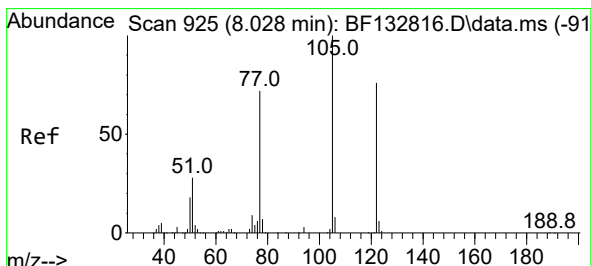
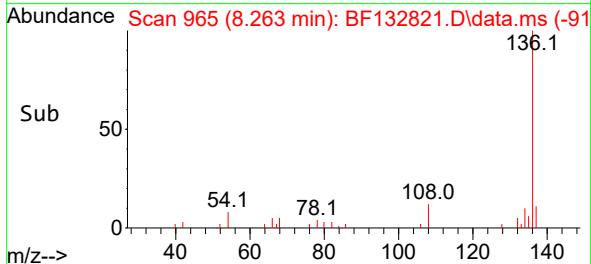
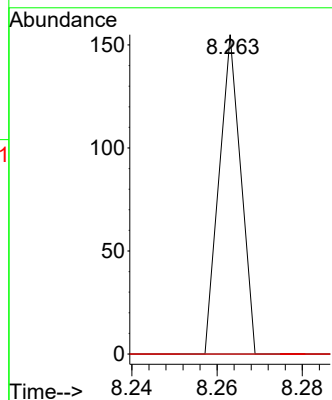


#31
Naphthalene
Concen: 0.001 ng
RT: 8.263 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132821.D
Acq: 16 Mar 2023 20:08

Instrument :
BNA_F
ClientSampleId :

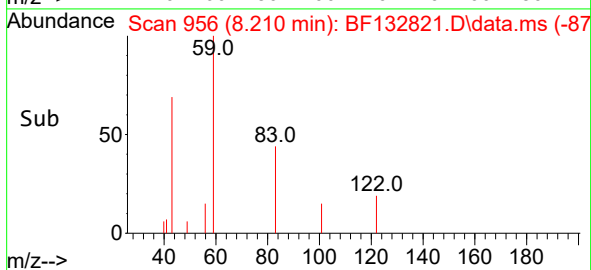
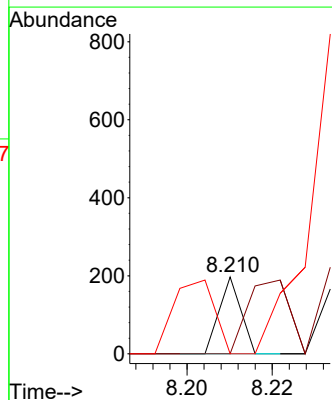
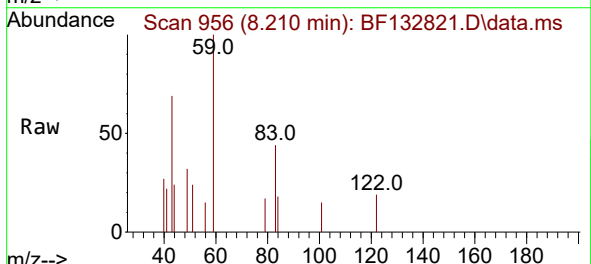


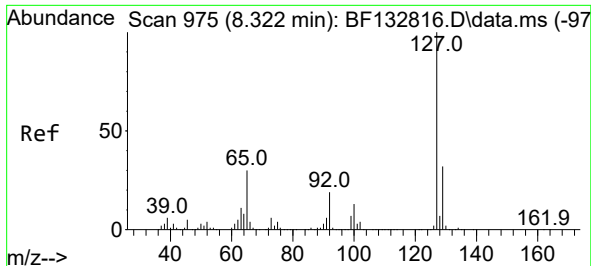
Tgt Ion:128 Resp: 55
Ion Ratio Lower Upper
128 100
129 0.0 9.4 14.2#
127 0.0 11.1 16.7#



#32
Benzoic acid
Concen: 10.477 ng
RT: 8.210 min Scan# 956
Delta R.T. 0.182 min
Lab File: BF132821.D
Acq: 16 Mar 2023 20:08

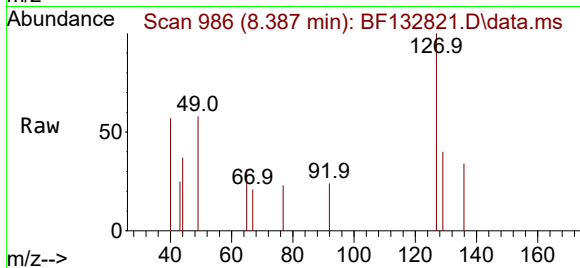
Tgt Ion:122 Resp: 70
Ion Ratio Lower Upper
122 100
105 0.0 110.8 150.8#
77 0.0 74.2 114.2#



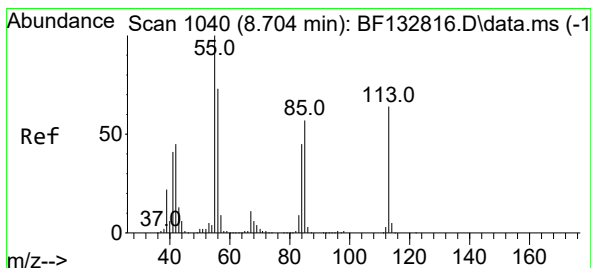
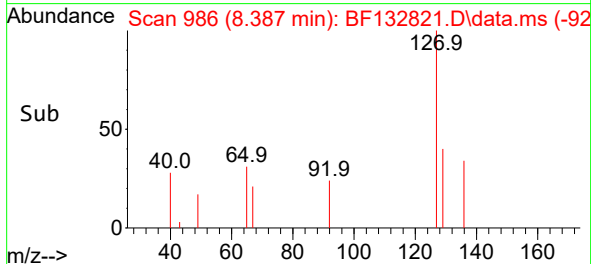
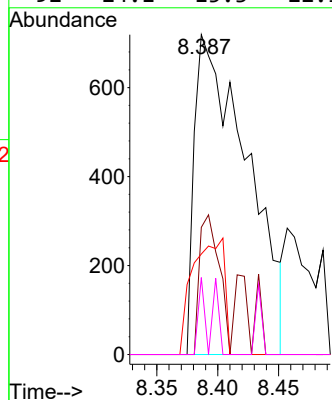


#33
4-Chloroaniline
Concen: 0.125 ng
RT: 8.387 min Scan# 91
Delta R.T. 0.065 min
Lab File: BF132821.D
Acq: 16 Mar 2023 20:08

Instrument :
BNA_F
ClientSampleId :

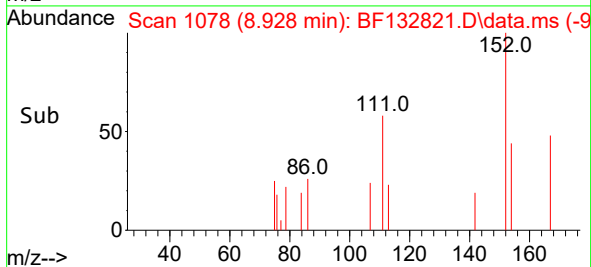
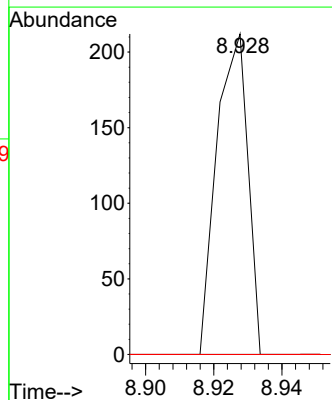
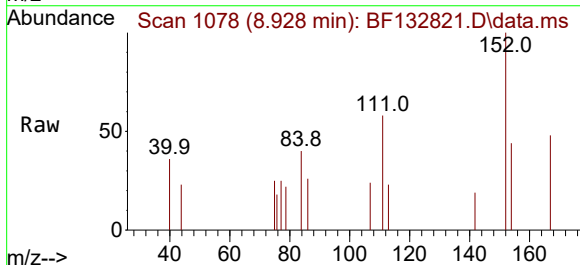


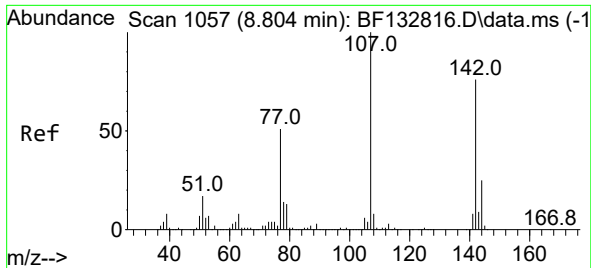
Tgt Ion:127 Resp: 2155
Ion Ratio Lower Upper
127 100
129 39.8 25.8 38.6#
65 31.4 24.1 36.1
92 24.1 15.3 22.9#



#35
Caprolactam
Concen: 0.035 ng
RT: 8.928 min Scan# 1078
Delta R.T. 0.224 min
Lab File: BF132821.D
Acq: 16 Mar 2023 20:08

Tgt Ion:113 Resp: 134
Ion Ratio Lower Upper
113 100
55 0.0 136.3 176.3#
56 0.0 94.7 134.7#

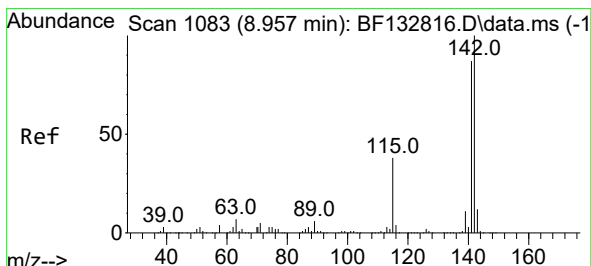
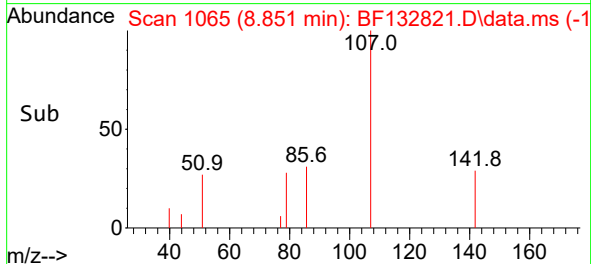
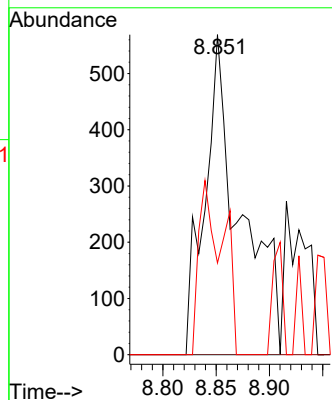
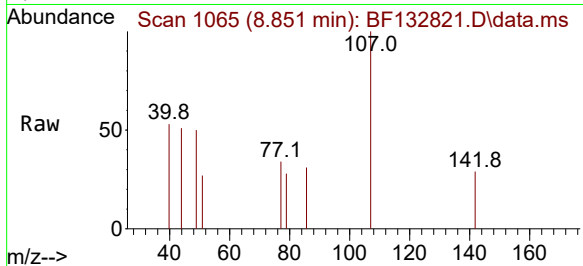




#36
 4-Chloro-3-methylphenol
 Concen: 0.105 ng
 RT: 8.851 min Scan# 1065
 Delta R.T. 0.047 min
 Lab File: BF132821.D
 Acq: 16 Mar 2023 20:08

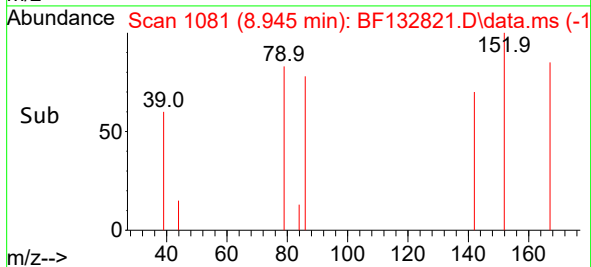
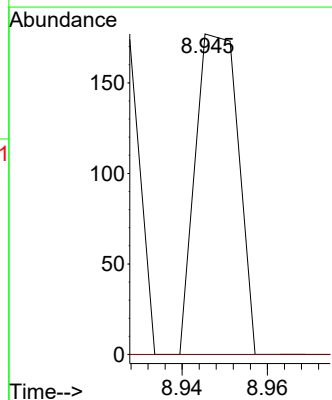
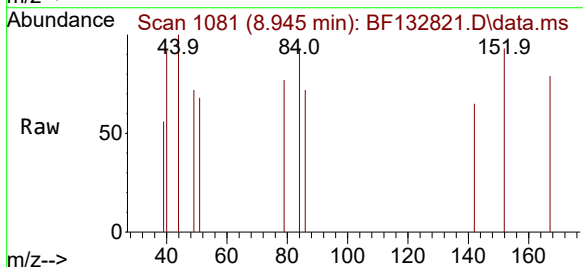
Instrument :
 BNA_F
 ClientSampleId :

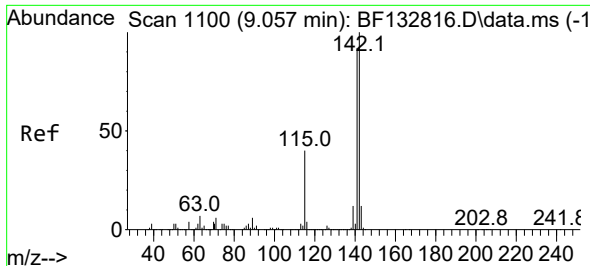
Tgt Ion:107 Resp: 1328
 Ion Ratio Lower Upper
 107 100
 144 0.0 20.0 30.0#
 142 28.6 61.1 91.7#



#37
 2-Methylnaphthalene
 Concen: 0.005 ng
 RT: 8.945 min Scan# 1081
 Delta R.T. -0.012 min
 Lab File: BF132821.D
 Acq: 16 Mar 2023 20:08

Tgt Ion:142 Resp: 123
 Ion Ratio Lower Upper
 142 100
 141 0.0 69.3 103.9#





#38

1-Methylnaphthalene

Concen: 0.005 ng

RT: 8.945 min Scan# 1081

Delta R.T. -0.112 min

Lab File: BF132821.D

Acq: 16 Mar 2023 20:08

Instrument :

BNA_F

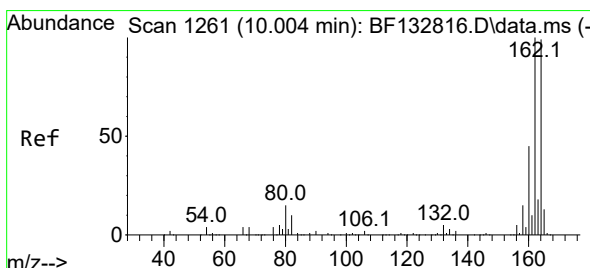
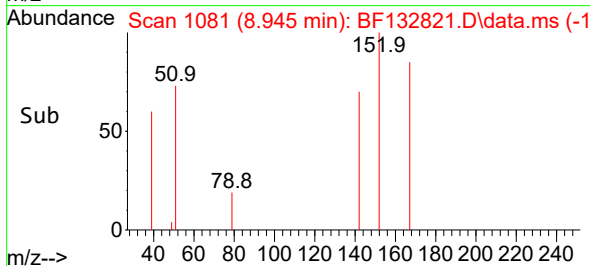
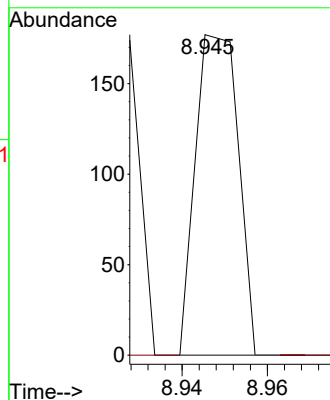
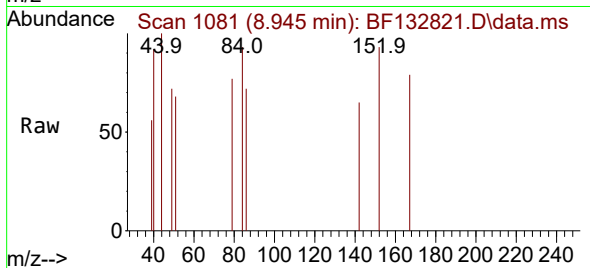
ClientSampleId :

Tgt Ion:142 Resp: 123

Ion Ratio Lower Upper

142 100

141 0.0 73.3 109.9#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 1261

Delta R.T. 0.000 min

Lab File: BF132821.D

Acq: 16 Mar 2023 20:08

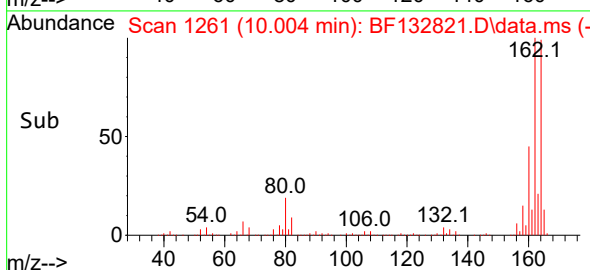
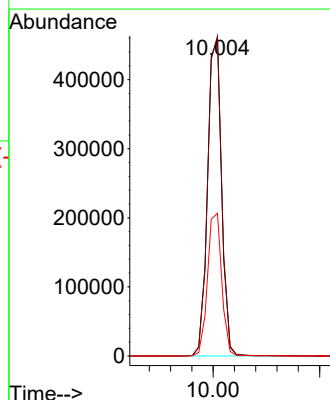
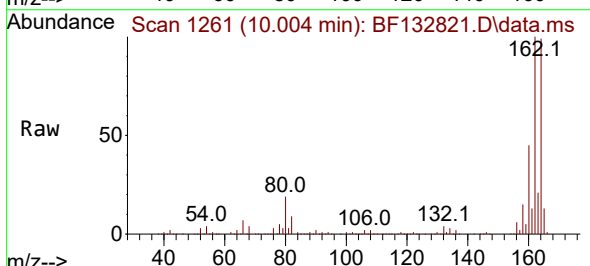
Tgt Ion:164 Resp: 420436

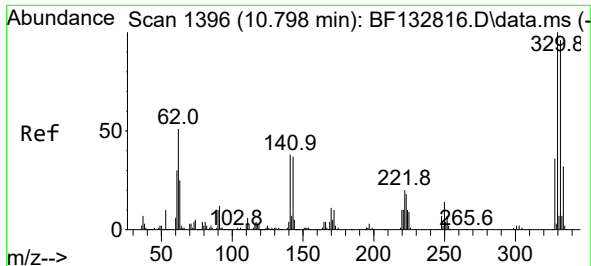
Ion Ratio Lower Upper

164 100

162 100.7 80.6 121.0

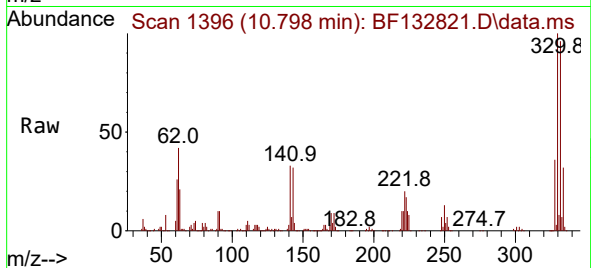
160 44.9 36.2 54.4



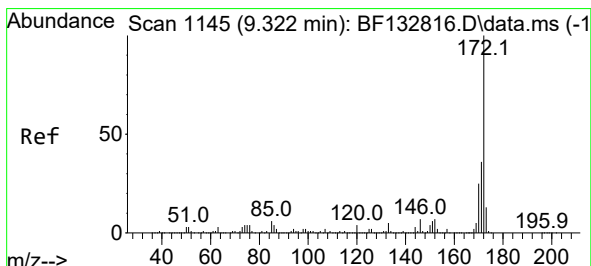
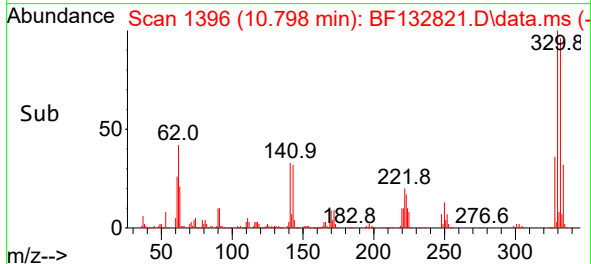
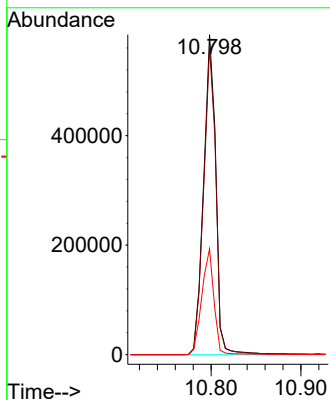


#42
 2,4,6-Tribromophenol
 Concen: 123.842 ng
 RT: 10.798 min Scan# 1396
 Delta R.T. 0.000 min
 Lab File: BF132821.D
 Acq: 16 Mar 2023 20:08

Instrument :
 BNA_F
 ClientSampleId :

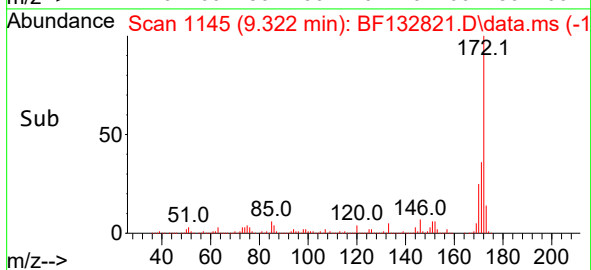
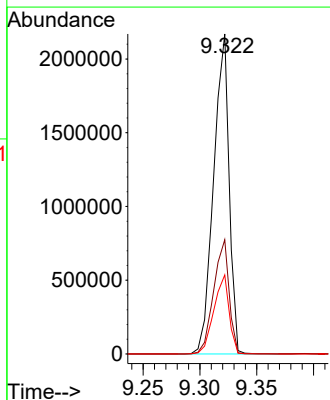
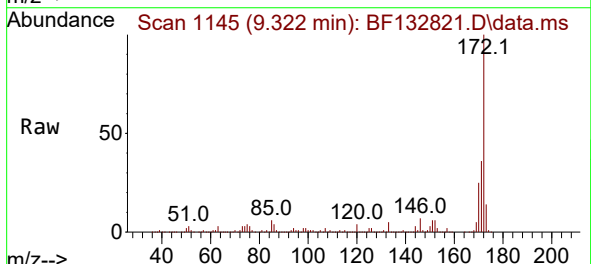


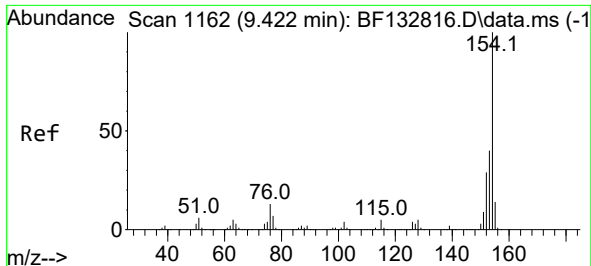
Tgt Ion: 330 Resp: 553496
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 33.0 26.7 40.1



#45
 2-Fluorobiphenyl
 Concen: 80.487 ng
 RT: 9.322 min Scan# 1145
 Delta R.T. 0.000 min
 Lab File: BF132821.D
 Acq: 16 Mar 2023 20:08

Tgt Ion: 172 Resp: 2060019
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.7 43.1
 170 24.7 19.8 29.8





#46

1,1'-Biphenyl

Concen: 0.127 ng

RT: 9.322 min Scan# 1145

Delta R.T. -0.100 min

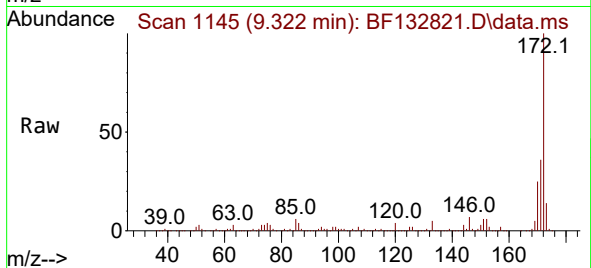
Lab File: BF132821.D

Acq: 16 Mar 2023 20:08

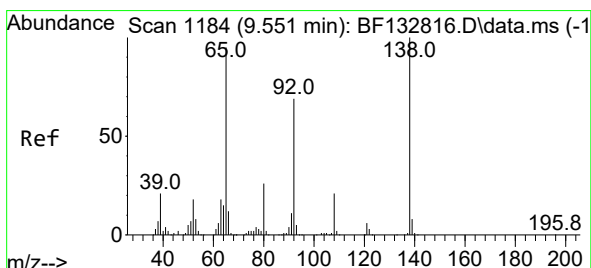
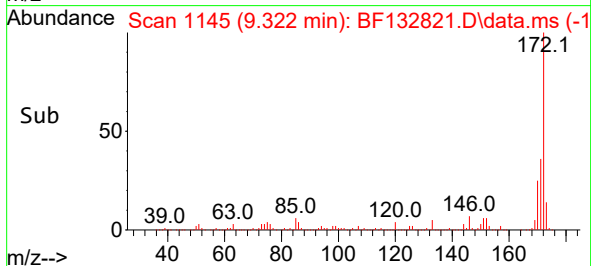
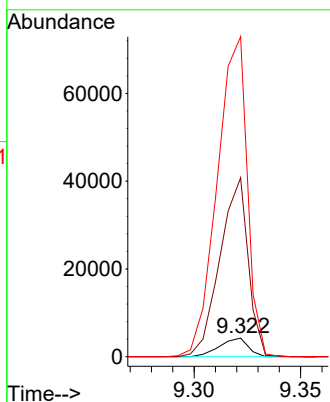
Instrument :

BNA_F

ClientSampleId :



Tgt Ion:154	Resp:	3962
Ion Ratio	Lower	Upper
154	100	
153	966.0	19.6 59.6#
76	1727.9	0.0 33.5#



#48

2-Nitroaniline

Concen: 0.421 ng

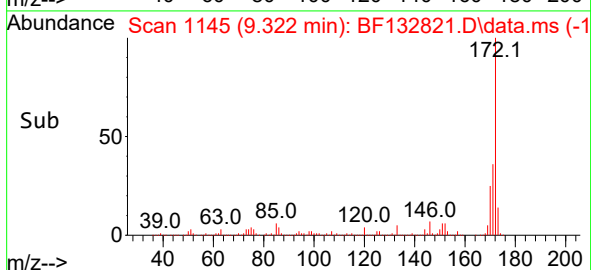
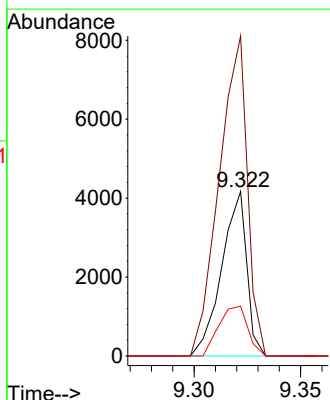
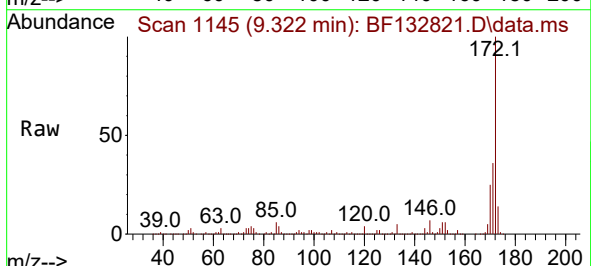
RT: 9.322 min Scan# 1145

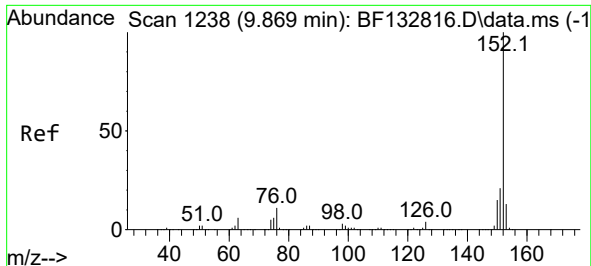
Delta R.T. -0.229 min

Lab File: BF132821.D

Acq: 16 Mar 2023 20:08

Tgt Ion: 65	Resp:	3412
Ion Ratio	Lower	Upper
65	100	
92	194.6	58.6 88.0#
138	30.2	84.4 126.6#





#49

Acenaphthylene

Concen: 0.001 ng

RT: 9.851 min Scan# 11

Delta R.T. -0.018 min

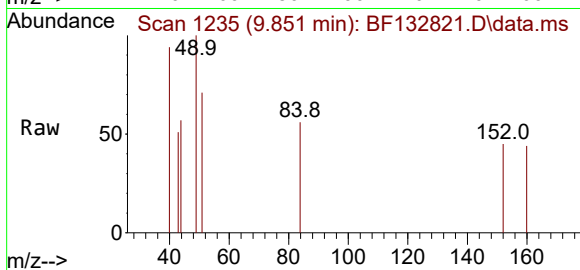
Lab File: BF132821.D

Acq: 16 Mar 2023 20:08

Instrument :

BNA_F

ClientSampleId :



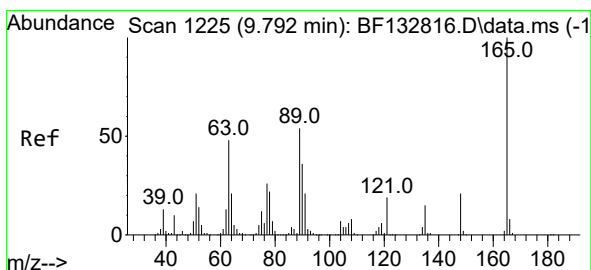
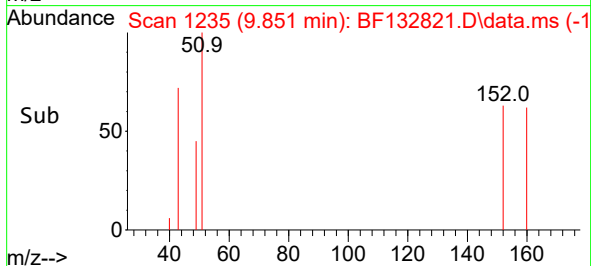
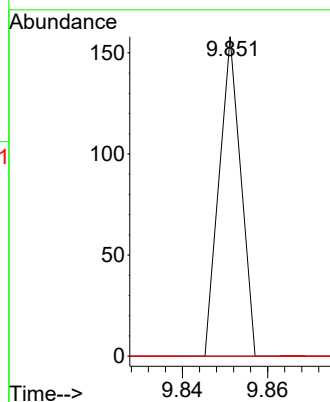
Tgt Ion:152 Resp: 56

Ion Ratio Lower Upper

152 100

151 0.0 16.6 25.0#

153 0.0 10.8 16.2#



#51

2,6-Dinitrotoluene

Concen: 8.148 ng

RT: 10.004 min Scan# 1261

Delta R.T. 0.212 min

Lab File: BF132821.D

Acq: 16 Mar 2023 20:08

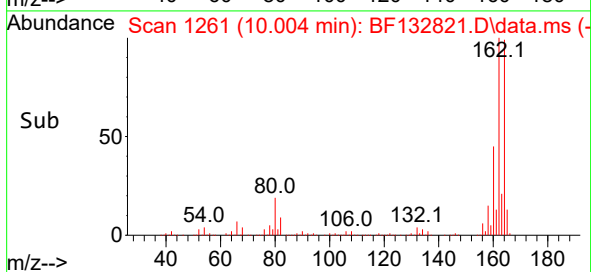
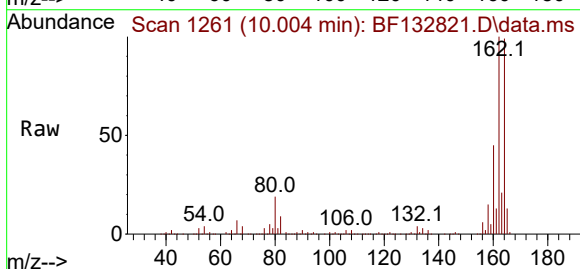
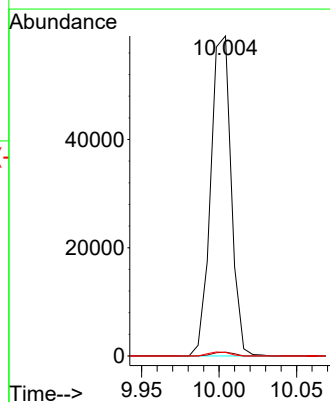
Tgt Ion:165 Resp: 54307

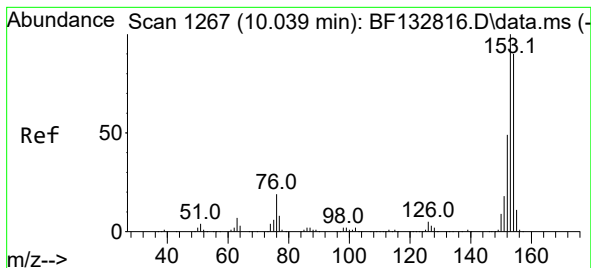
Ion Ratio Lower Upper

165 100

63 1.2 39.1 58.7#

89 1.1 43.5 65.3#





#52

Acenaphthene

Concen: 0.077 ng

RT: 10.004 min Scan# 11

Delta R.T. -0.035 min

Lab File: BF132821.D

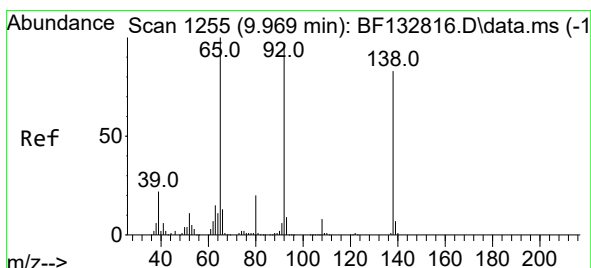
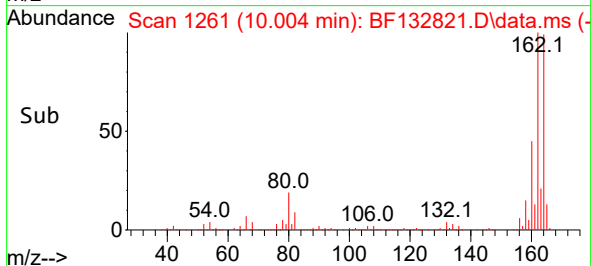
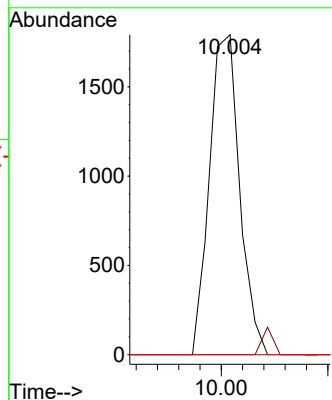
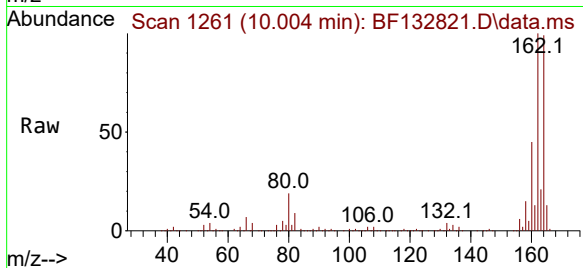
Acq: 16 Mar 2023 20:08

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:154	Resp:	1764
Ion Ratio	Lower	Upper
154	100	
153	0.0	89.4 134.0#
152	0.0	43.4 65.2#



#53

3-Nitroaniline

Concen: 0.007 ng

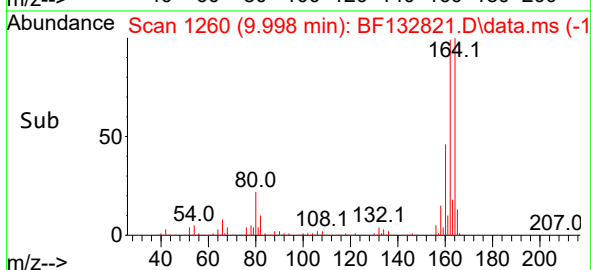
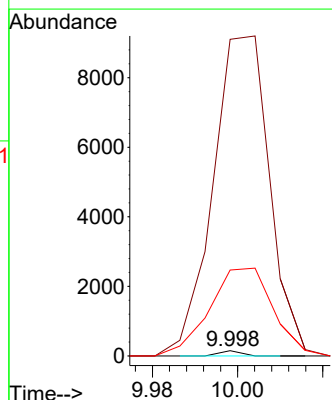
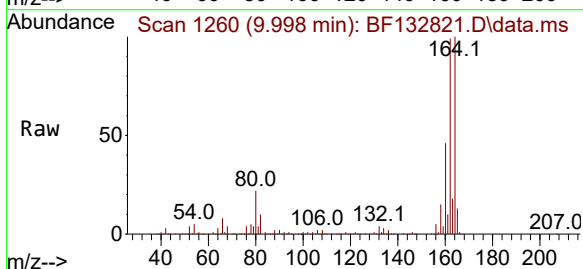
RT: 9.998 min Scan# 1260

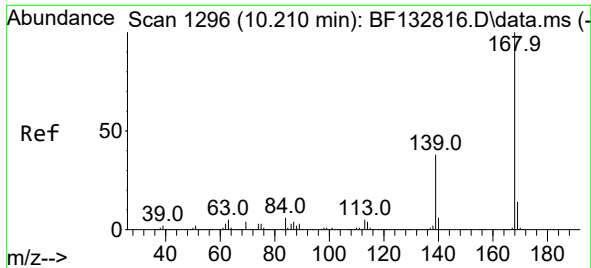
Delta R.T. 0.030 min

Lab File: BF132821.D

Acq: 16 Mar 2023 20:08

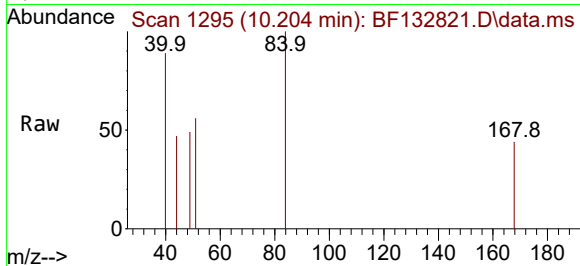
Tgt Ion:138	Resp:	53
Ion Ratio	Lower	Upper
138	100	
108	6027.2	8.2 12.2#
92	1634.4	93.3 139.9#



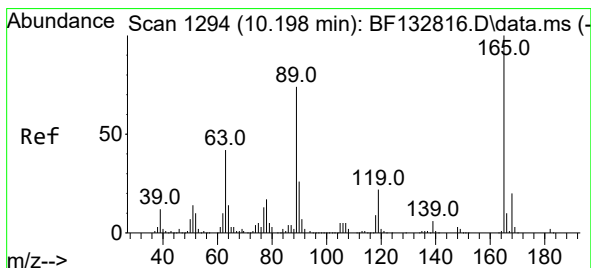
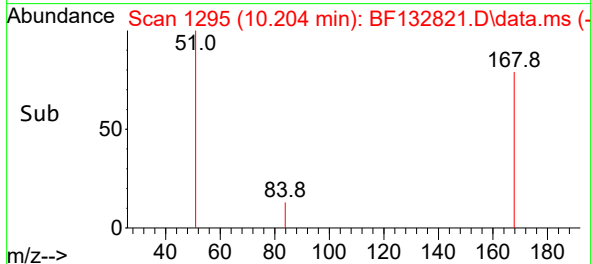
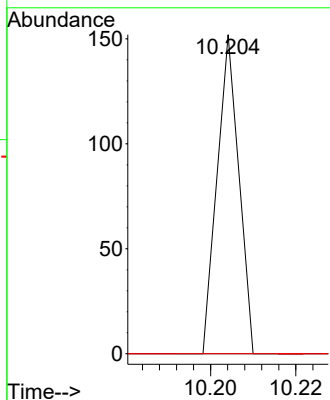


#55
Dibenzenofuran
Concen: 0.002 ng
RT: 10.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132821.D
Acq: 16 Mar 2023 20:08

Instrument :
BNA_F
ClientSampleId :

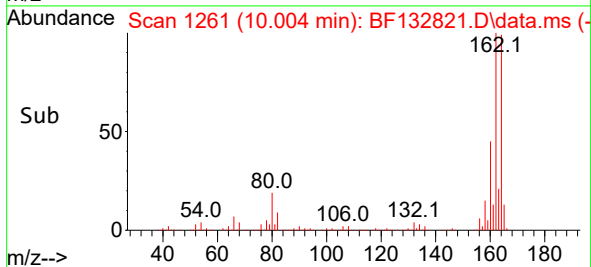
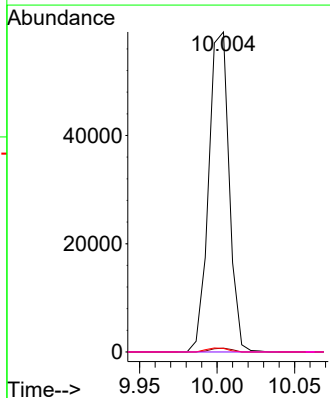
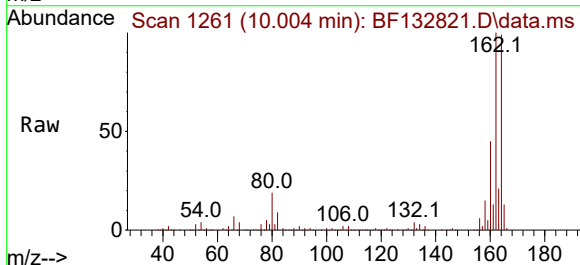


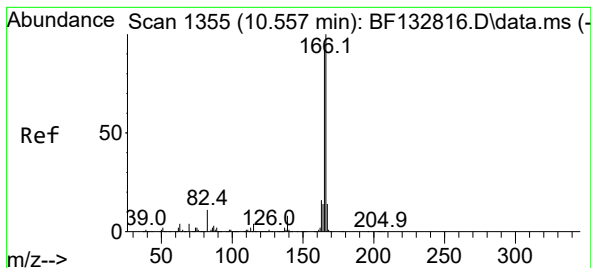
Tgt Ion:168 Resp: 54
Ion Ratio Lower Upper
168 100
139 0.0 31.0 46.6#
169 0.0 11.3 16.9#



#57
2,4-Dinitrotoluene
Concen: 6.378 ng
RT: 10.004 min Scan# 1261
Delta R.T. -0.194 min
Lab File: BF132821.D
Acq: 16 Mar 2023 20:08

Tgt Ion:165 Resp: 54307
Ion Ratio Lower Upper
165 100
63 1.2 34.4 51.6#
89 1.1 59.5 89.3#
182 0.0 2.0 3.0#





#58

Fluorene

Concen: 0.705 ng

RT: 10.798 min Scan# 11

Delta R.T. 0.241 min

Lab File: BF132821.D

Acq: 16 Mar 2023 20:08

Instrument :

BNA_F

ClientSampleId :

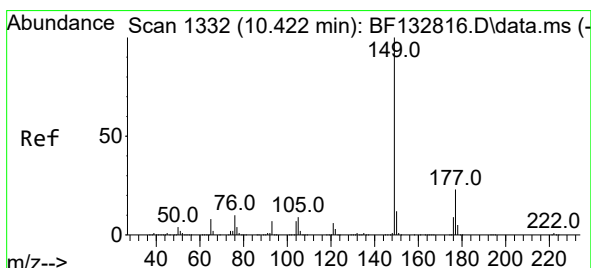
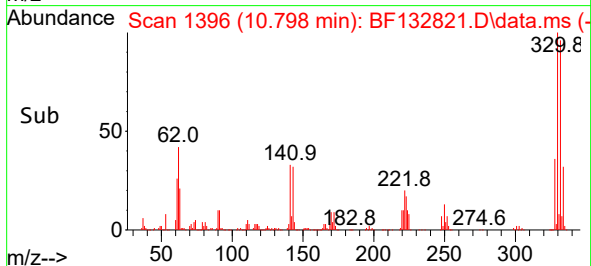
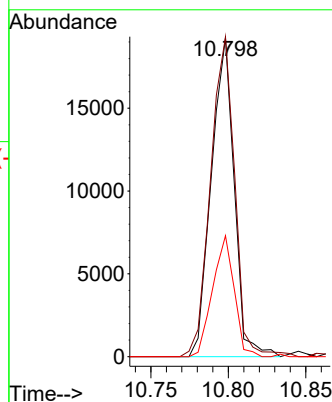
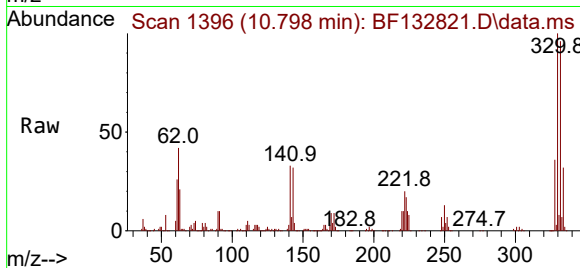
Tgt Ion:166 Resp: 19678

Ion Ratio Lower Upper

166 100

165 100.4 74.3 111.5

167 37.9 11.0 16.4#



#60

Diethylphthalate

Concen: 0.015 ng

RT: 10.416 min Scan# 1331

Delta R.T. -0.006 min

Lab File: BF132821.D

Acq: 16 Mar 2023 20:08

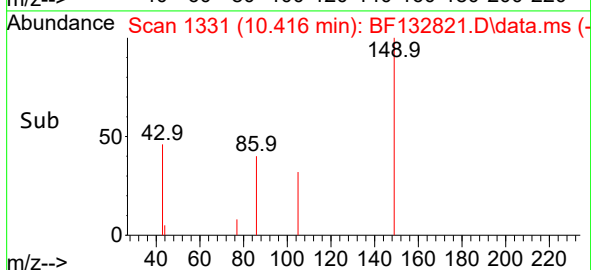
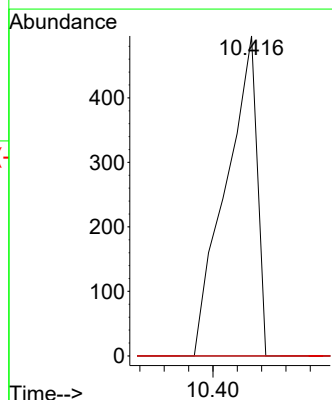
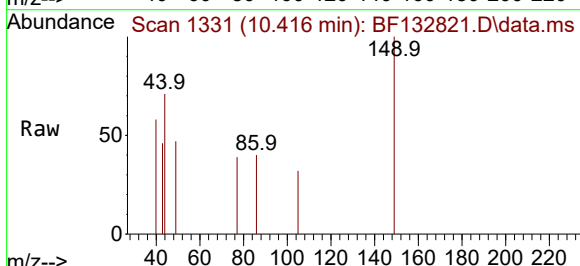
Tgt Ion:149 Resp: 439

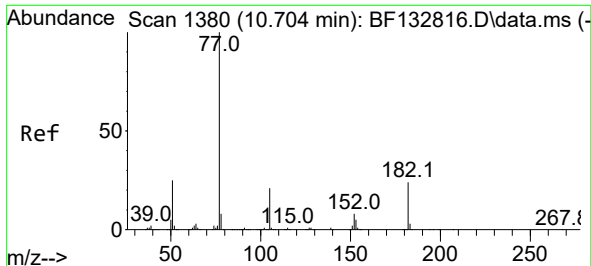
Ion Ratio Lower Upper

149 100

177 0.0 18.6 28.0#

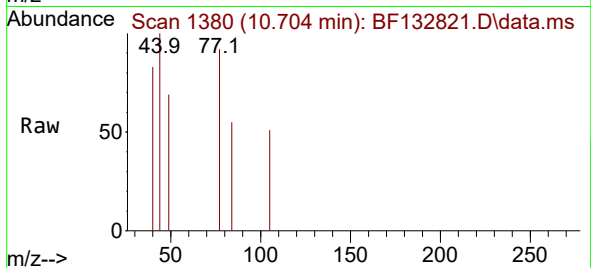
150 0.0 10.0 15.0#



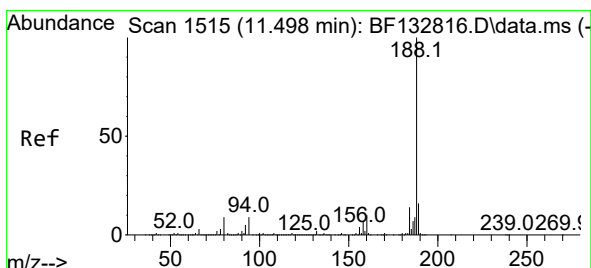
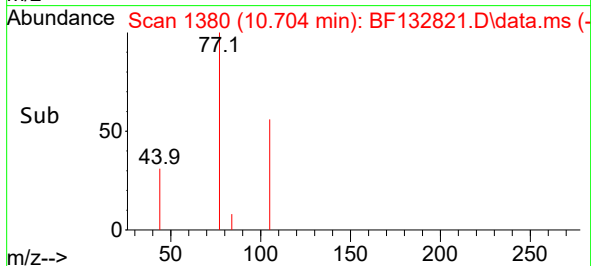
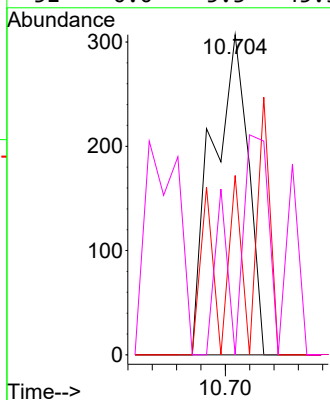


#63
 Azobenzene
 Concen: 0.011 ng
 RT: 10.704 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132821.D
 Acq: 16 Mar 2023 20:08

Instrument :
 BNA_F
 ClientSampleId :

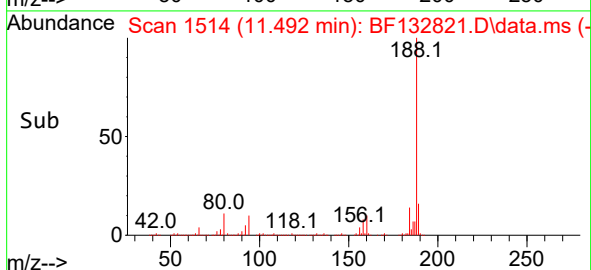
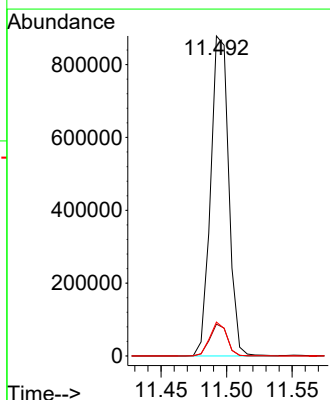
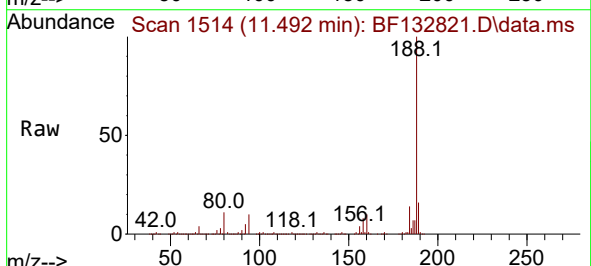


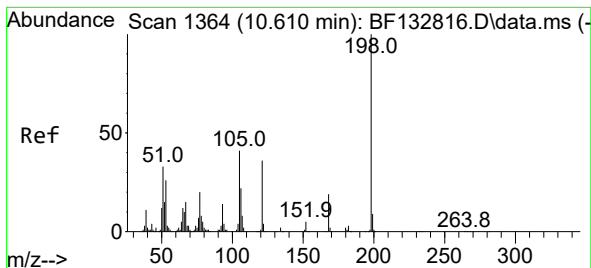
Tgt Ion: 77	Resp: 314
Ion Ratio	Lower Upper
77 100	
182 0.0	3.8 43.8#
105 56.0	1.2 41.2#
51 0.0	5.3 45.3#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.492 min Scan# 1514
 Delta R.T. -0.006 min
 Lab File: BF132821.D
 Acq: 16 Mar 2023 20:08

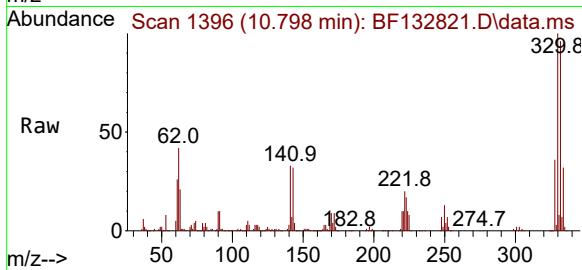
Tgt Ion:188	Resp: 842765
Ion Ratio	Lower Upper
188 100	
94 10.0	7.5 11.3
80 10.6	7.5 11.3



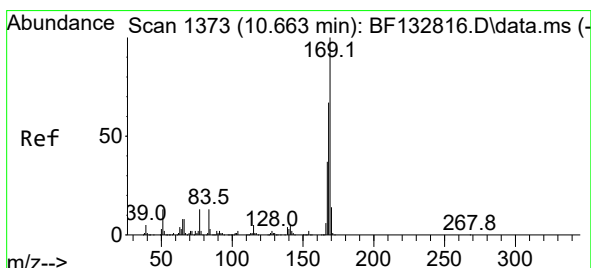
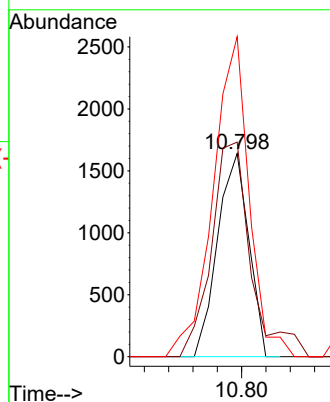
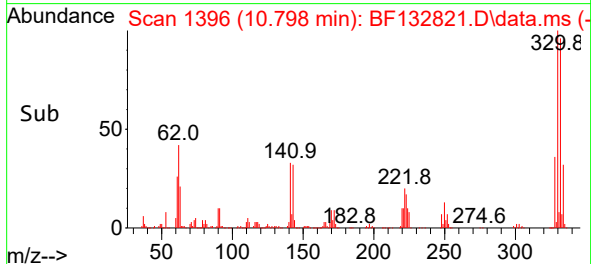


#65
4,6-Dinitro-2-methylphenol
Concen: 0.282 ng
RT: 10.798 min Scan# 1396
Delta R.T. 0.188 min
Lab File: BF132821.D
Acq: 16 Mar 2023 20:08

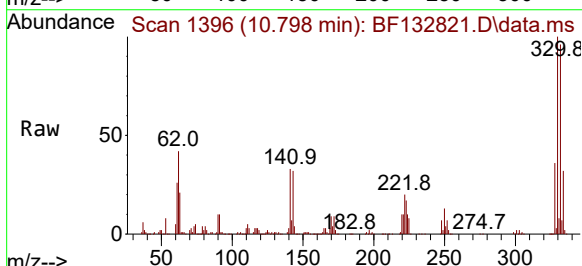
Instrument :
BNA_F
ClientSampleId :



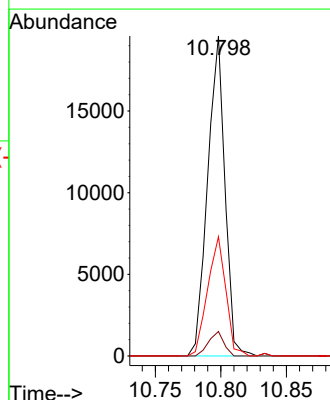
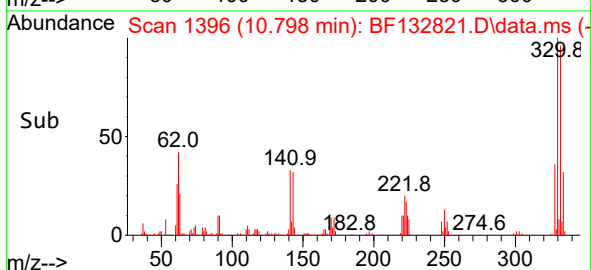
Tgt Ion:198 Resp: 1455
Ion Ratio Lower Upper
198 100
51 105.5 15.6 55.6#
105 157.4 21.5 61.5#

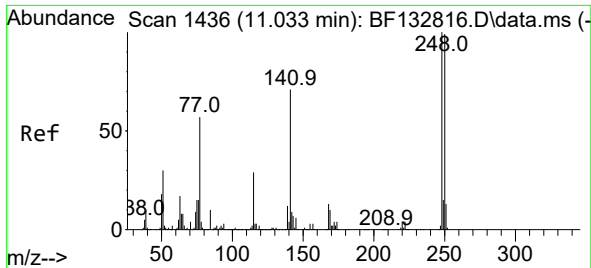


#66
n-Nitrosodiphenylamine
Concen: 0.693 ng
RT: 10.798 min Scan# 1396
Delta R.T. 0.135 min
Lab File: BF132821.D
Acq: 16 Mar 2023 20:08



Tgt Ion:169 Resp: 18044
Ion Ratio Lower Upper
169 100
168 7.7 54.2 81.2#
167 37.2 29.6 44.4

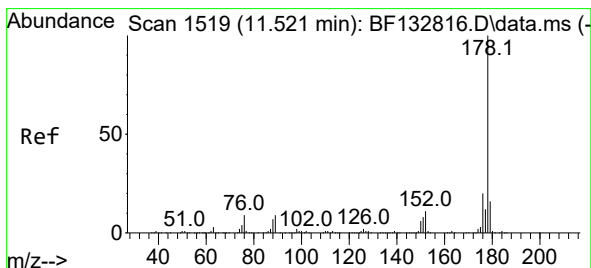
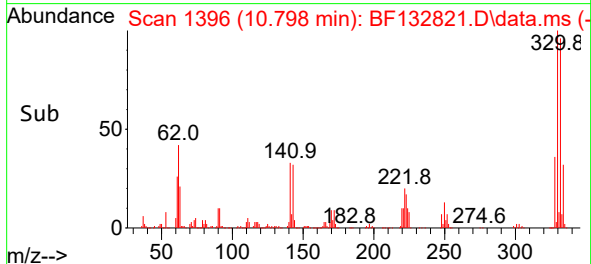
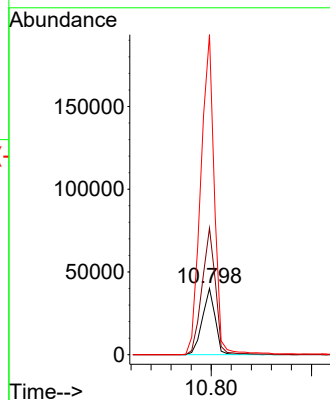
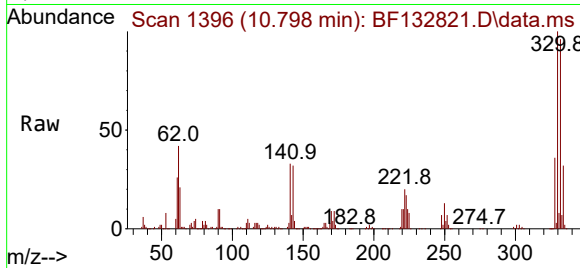




#67
4-Bromophenyl-phenylether
Concen: 3.708 ng
RT: 10.798 min Scan# 11
Delta R.T. -0.235 min
Lab File: BF132821.D
Acq: 16 Mar 2023 20:08

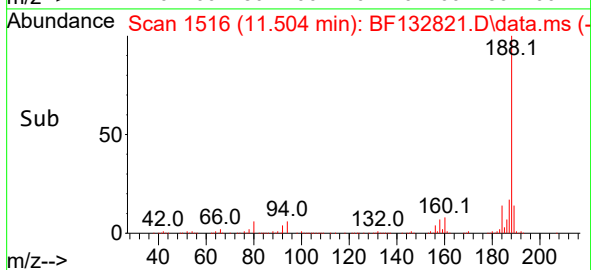
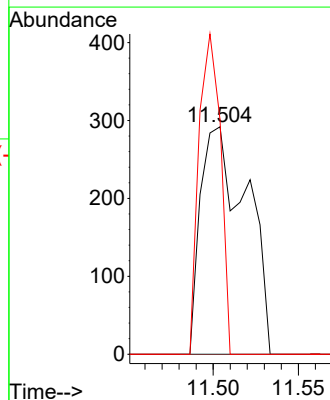
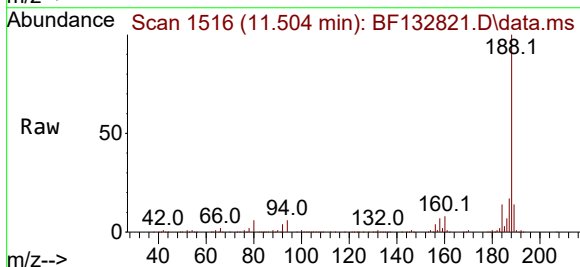
Instrument :
BNA_F
ClientSampleId :

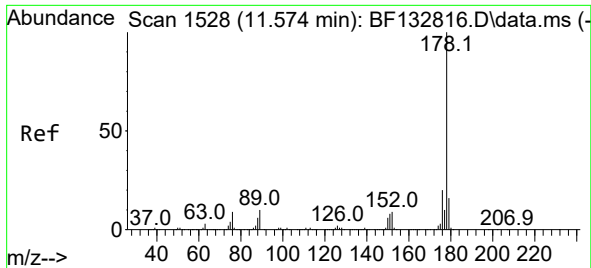
Tgt Ion:248 Resp: 36133
Ion Ratio Lower Upper
248 100
250 190.9 79.1 118.7#
141 482.6 57.1 85.7#



#71
Phenanthrene
Concen: 0.013 ng
RT: 11.504 min Scan# 1516
Delta R.T. -0.017 min
Lab File: BF132821.D
Acq: 16 Mar 2023 20:08

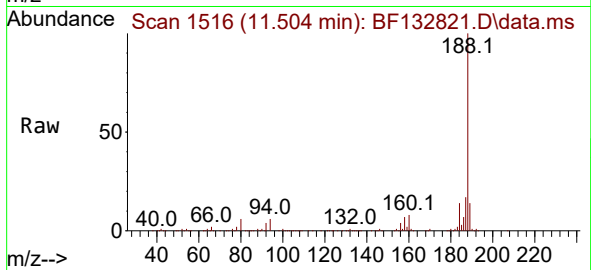
Tgt Ion:178 Resp: 547
Ion Ratio Lower Upper
178 100
176 0.0 16.3 24.5#
179 103.1 13.1 19.7#



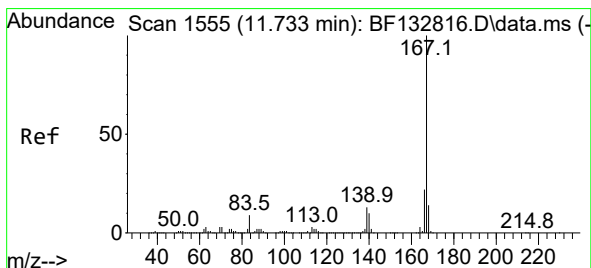
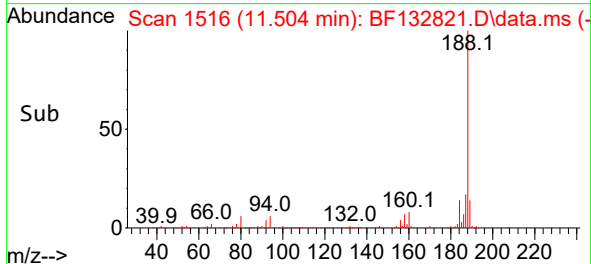
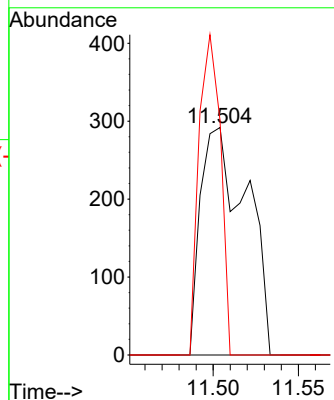


#72
 Anthracene
 Concen: 0.013 ng
 RT: 11.504 min Scan# 1156
 Delta R.T. -0.070 min
 Lab File: BF132821.D
 Acq: 16 Mar 2023 20:08

Instrument :
 BNA_F
 ClientSampleId :

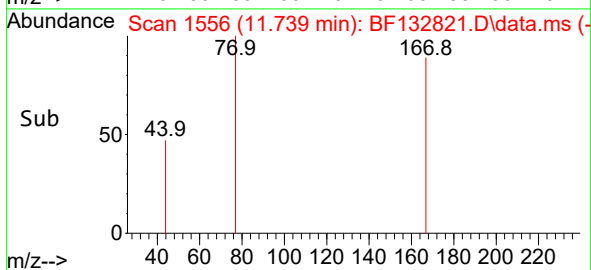
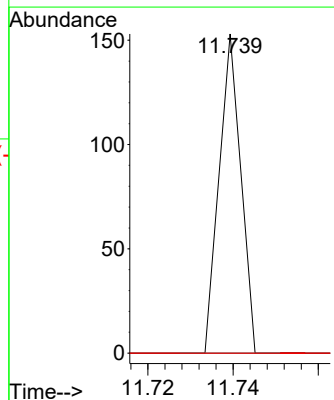
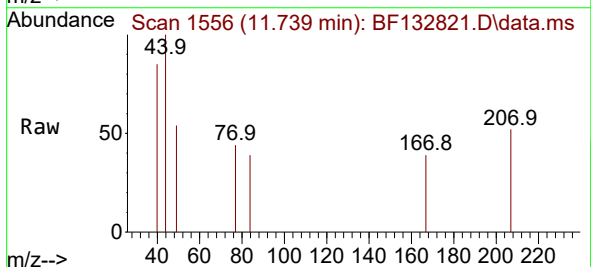


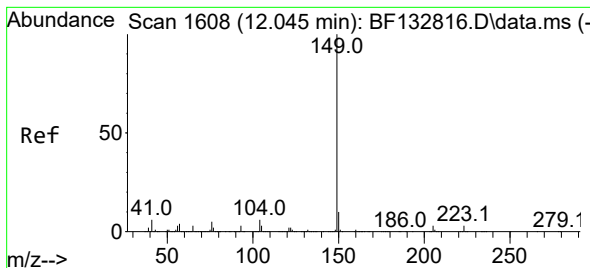
Tgt Ion:178 Resp: 547
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.7 23.5#
 179 103.1 12.8 19.2#



#73
 Carbazole
 Concen: 0.001 ng
 RT: 11.739 min Scan# 1556
 Delta R.T. 0.006 min
 Lab File: BF132821.D
 Acq: 16 Mar 2023 20:08

Tgt Ion:167 Resp: 54
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.6 26.4#
 139 0.0 10.2 15.2#





#74

Di-n-butylphthalate

Concen: 0.033 ng

RT: 12.045 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132821.D

Acq: 16 Mar 2023 20:08

Instrument :

BNA_F

ClientSampleId :

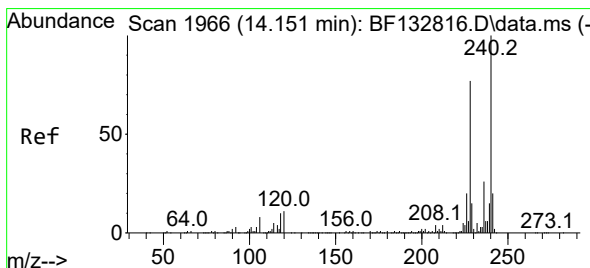
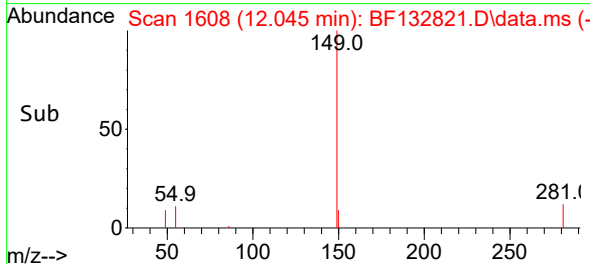
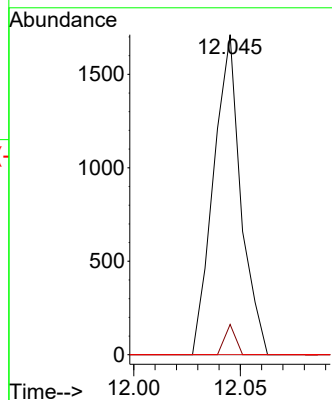
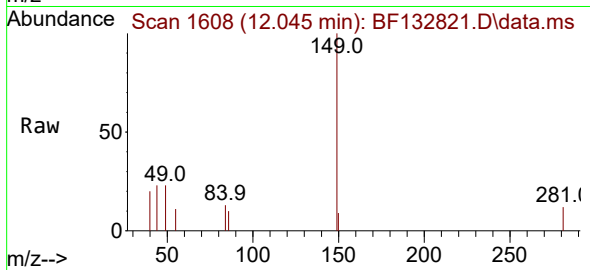
Tgt Ion:149 Resp: 1525

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.8

104 0.0 4.4 6.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.151 min Scan# 1966

Delta R.T. 0.000 min

Lab File: BF132821.D

Acq: 16 Mar 2023 20:08

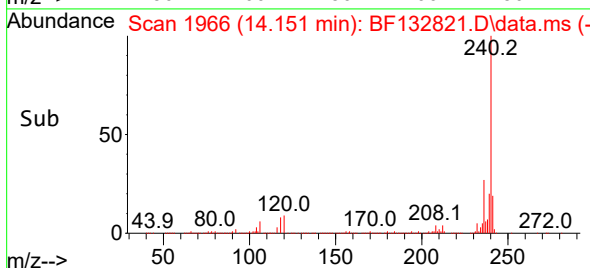
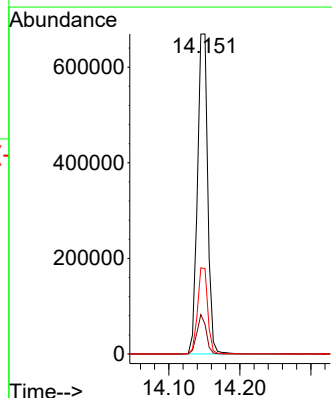
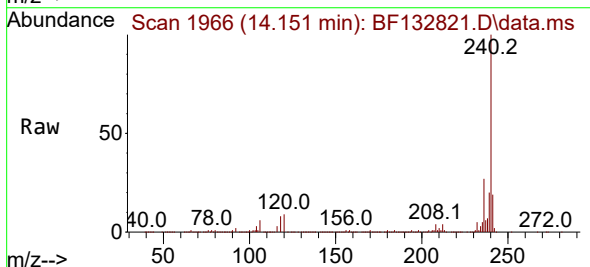
Tgt Ion:240 Resp: 674870

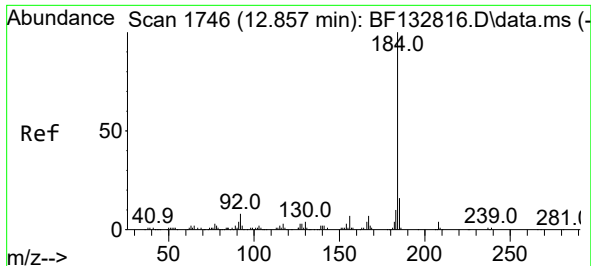
Ion Ratio Lower Upper

240 100

120 9.3 9.1 13.7

236 26.7 21.2 31.8

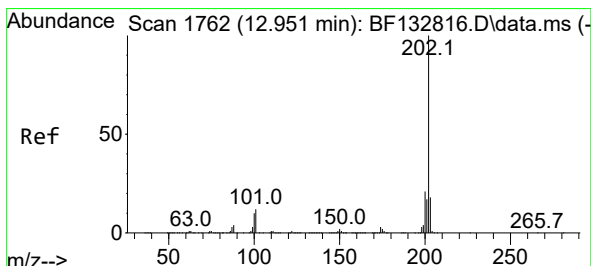
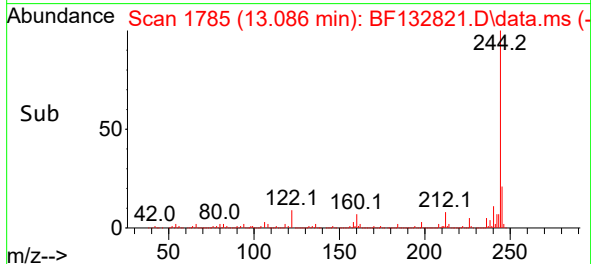
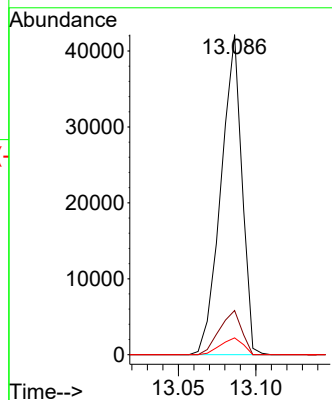
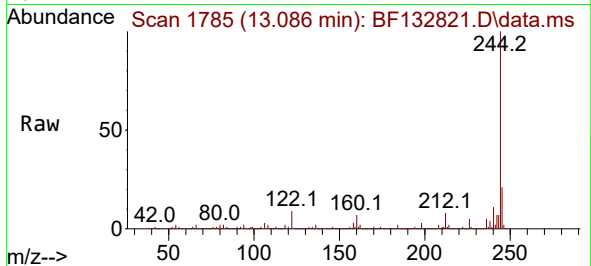




#77
Benzidine
Concen: 9.409 ng
RT: 13.086 min Scan# 1785
Delta R.T. 0.230 min
Lab File: BF132821.D
Acq: 16 Mar 2023 20:08

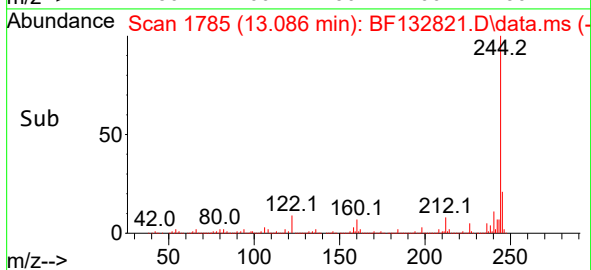
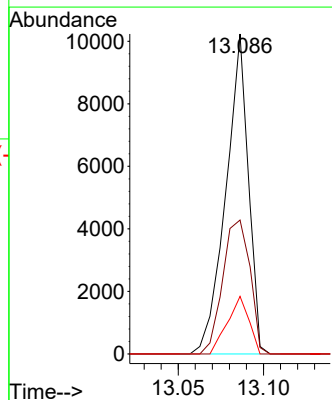
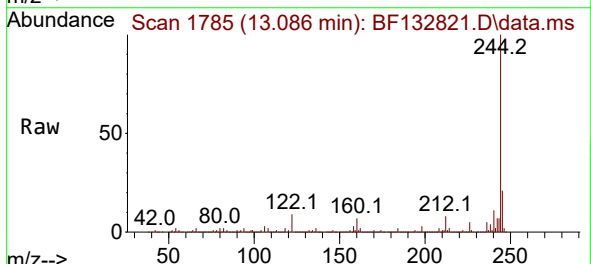
Instrument :
BNA_F
ClientSampleId :

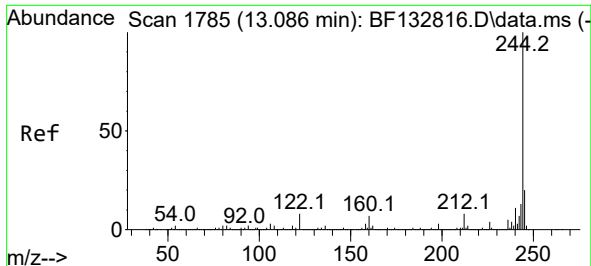
Tgt Ion:184 Resp: 39545
Ion Ratio Lower Upper
184 100
185 13.8 12.6 19.0
183 5.2 8.2 12.4#



#78
Pyrene
Concen: 0.167 ng
RT: 13.086 min Scan# 1785
Delta R.T. 0.135 min
Lab File: BF132821.D
Acq: 16 Mar 2023 20:08

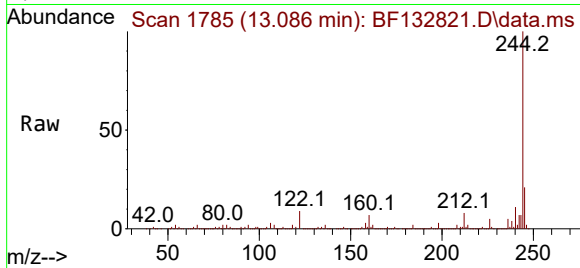
Tgt Ion:202 Resp: 9381
Ion Ratio Lower Upper
202 100
200 41.8 16.9 25.3#
203 18.0 14.6 21.8



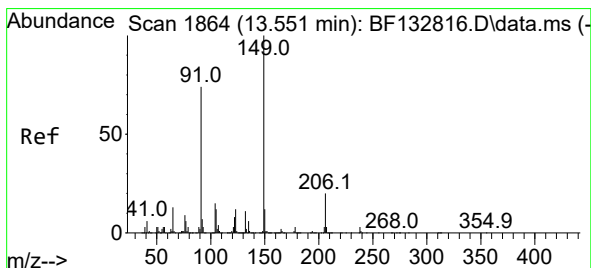
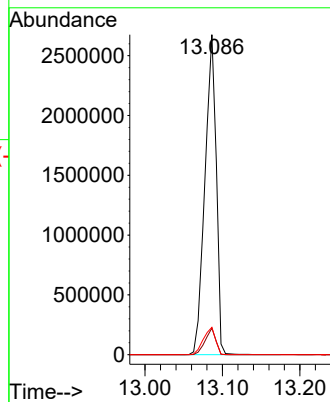
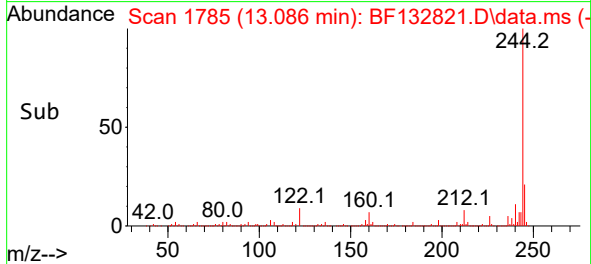


#79
 Terphenyl-d14
 Concen: 72.548 ng
 RT: 13.086 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: BF132821.D
 Acq: 16 Mar 2023 20:08

Instrument :
 BNA_F
 ClientSampleId :

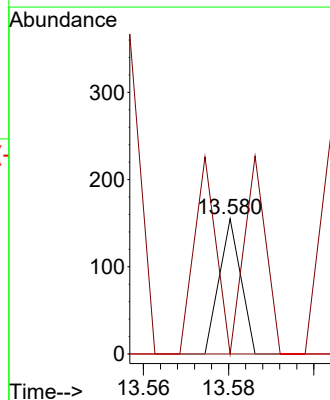
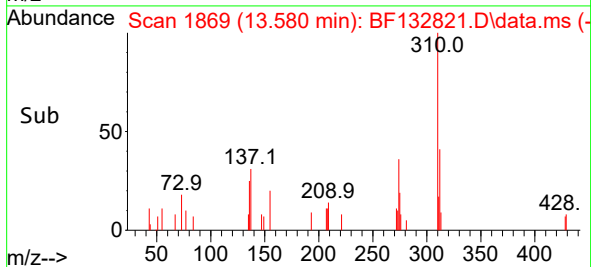
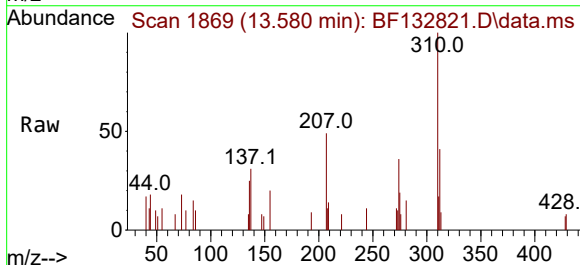


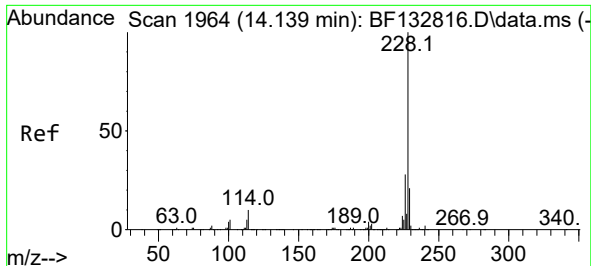
Tgt Ion:244 Resp: 2711464
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.3 9.5
 122 8.6 6.6 9.8



#80
 Butylbenzylphthalate
 Concen: 0.002 ng
 RT: 13.580 min Scan# 1869
 Delta R.T. 0.030 min
 Lab File: BF132821.D
 Acq: 16 Mar 2023 20:08

Tgt Ion:149 Resp: 55
 Ion Ratio Lower Upper
 149 100
 91 0.0 59.5 89.3#
 206 0.0 16.2 24.4#

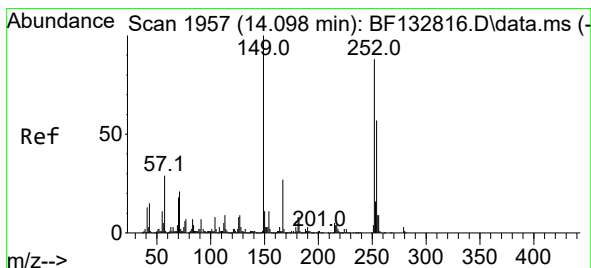
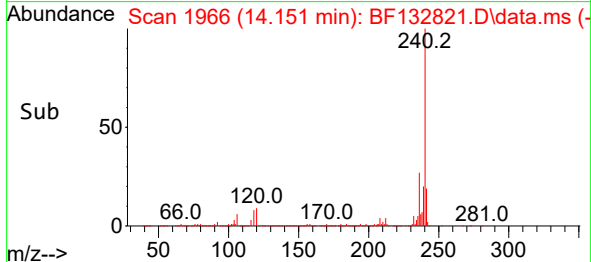
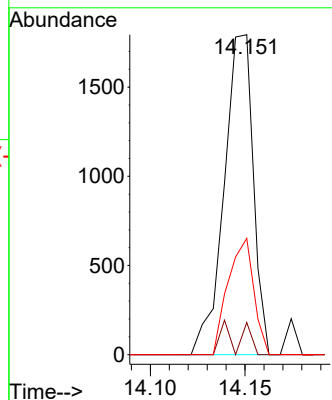
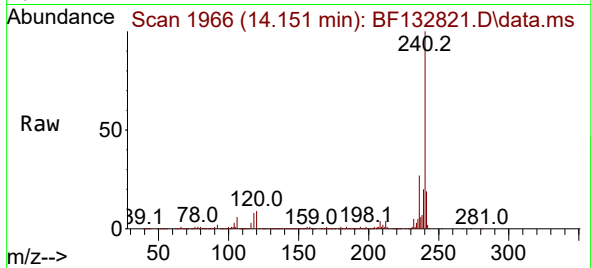




#81
Benzo(a)anthracene
Concen: 0.039 ng
RT: 14.151 min Scan# 1966
Delta R.T. 0.012 min
Lab File: BF132821.D
Acq: 16 Mar 2023 20:08

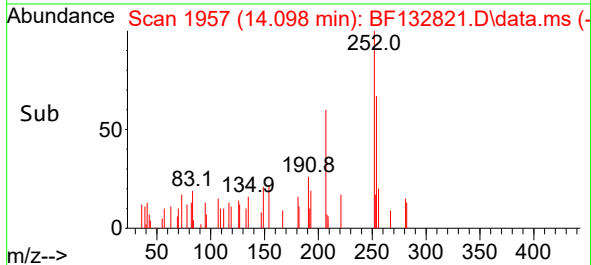
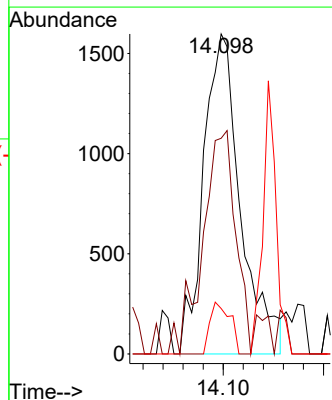
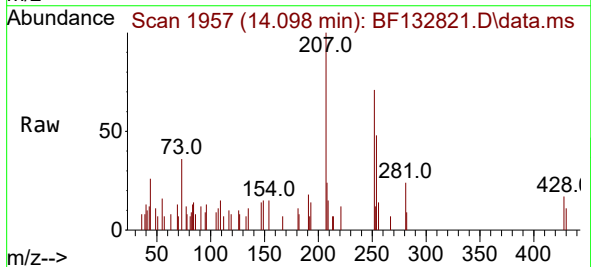
Instrument :
BNA_F
ClientSampleId :

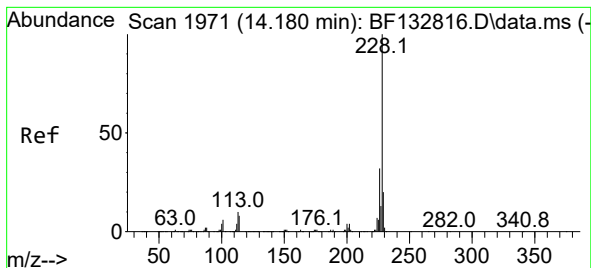
Tgt Ion:228 Resp: 1923
Ion Ratio Lower Upper
228 100
226 10.0 22.2 33.4#
229 36.3 16.5 24.7#



#82
3,3'-Dichlorobenzidine
Concen: 0.322 ng
RT: 14.098 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BF132821.D
Acq: 16 Mar 2023 20:08

Tgt Ion:252 Resp: 4088
Ion Ratio Lower Upper
252 100
254 67.4 52.2 78.4
126 14.2 7.5 11.3#





#83

Chrysene

Concen: 0.002 ng

RT: 14.174 min Scan# 1971

Delta R.T. -0.006 min

Lab File: BF132821.D

Acq: 16 Mar 2023 20:08

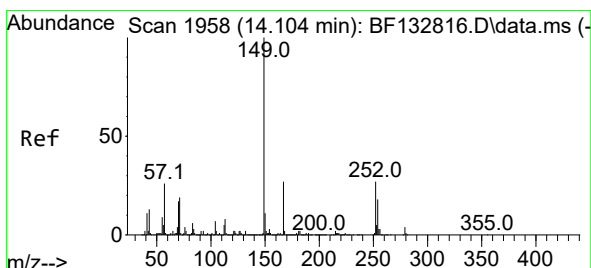
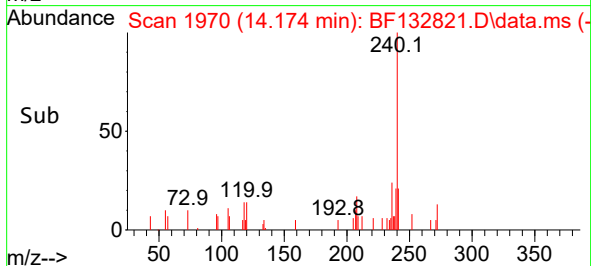
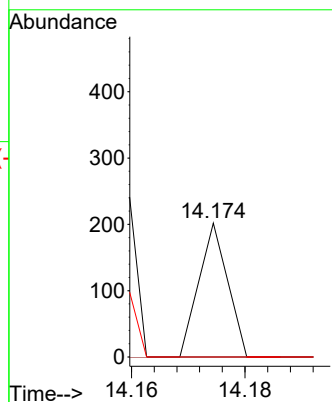
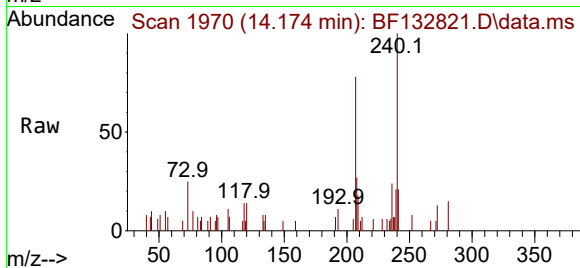
Instrument :

BNA_F

ClientSampleId :

Tgt Ion:228 Resp: 71

Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.4	38.0#
229	0.0	16.1	24.1#



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.020 ng

RT: 14.104 min Scan# 1958

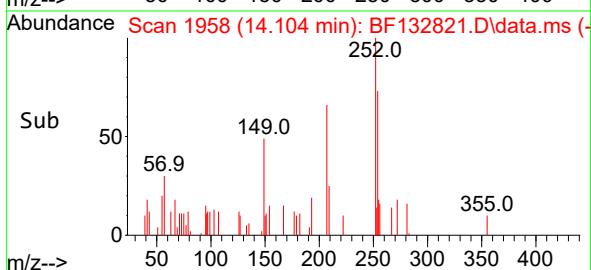
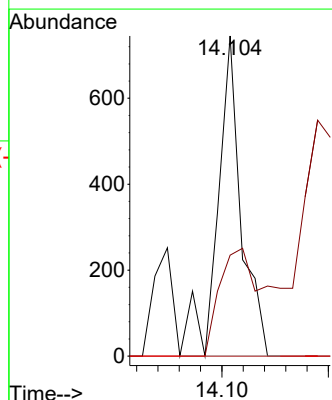
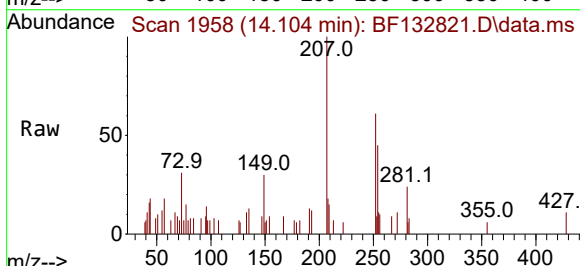
Delta R.T. 0.000 min

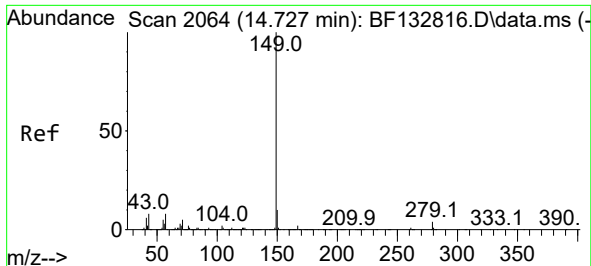
Lab File: BF132821.D

Acq: 16 Mar 2023 20:08

Tgt Ion:149 Resp: 577

Ion	Ratio	Lower	Upper
149	100		
167	31.5	21.4	32.0
279	0.0	2.9	4.3#

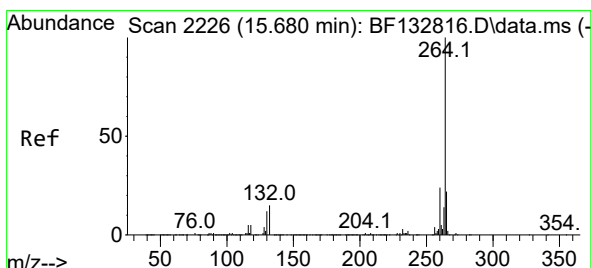
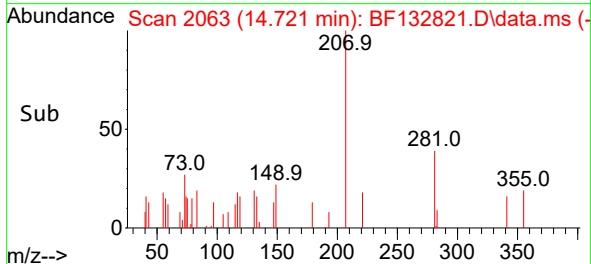
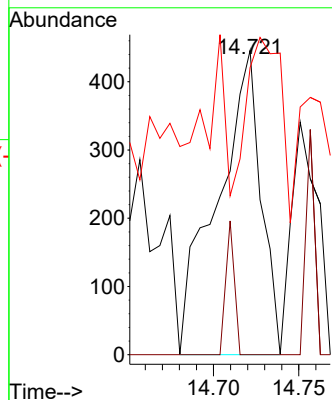
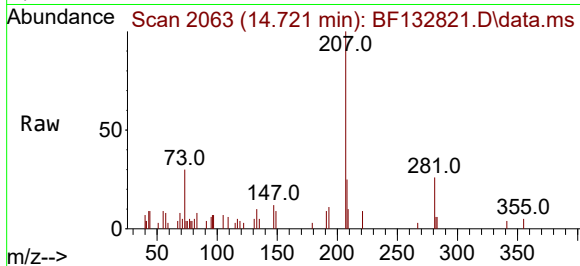




#85
Di-n-octyl phthalate
Concen: 0.018 ng
RT: 14.721 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF132821.D
Acq: 16 Mar 2023 20:08

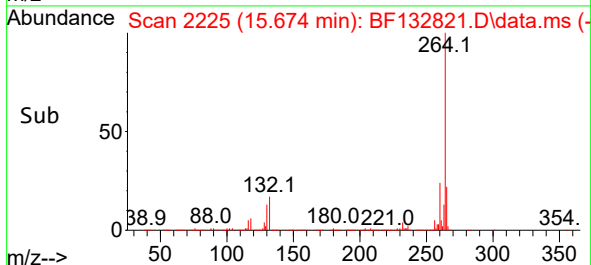
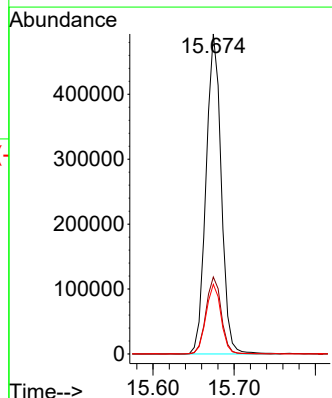
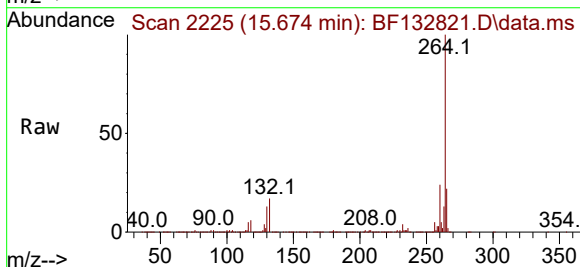
Instrument :
BNA_F
ClientSampleId :

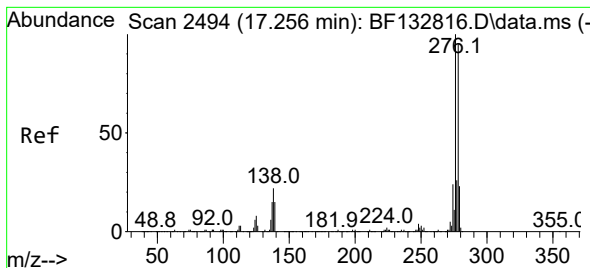
Tgt Ion:149 Resp: 793
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 48.5 6.2 9.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.674 min Scan# 2225
Delta R.T. -0.006 min
Lab File: BF132821.D
Acq: 16 Mar 2023 20:08

Tgt Ion:264 Resp: 638553
Ion Ratio Lower Upper
264 100
260 24.1 18.9 28.3
265 21.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 0.001 ng

RT: 17.268 min Scan# 2494

Delta R.T. 0.012 min

Lab File: BF132821.D

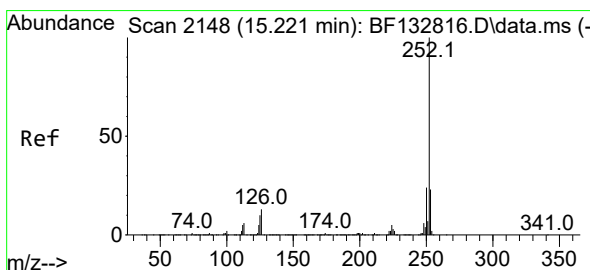
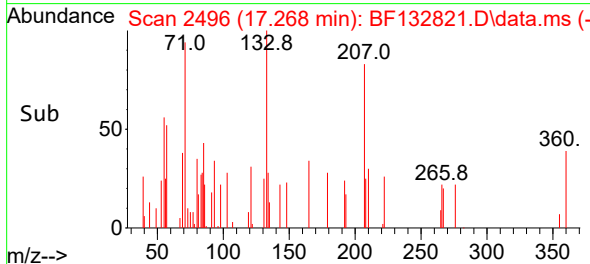
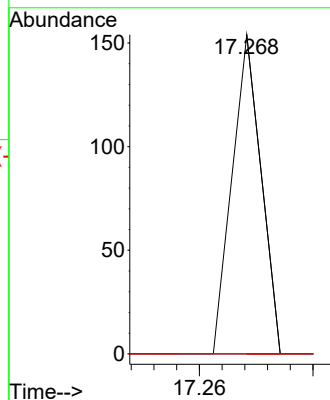
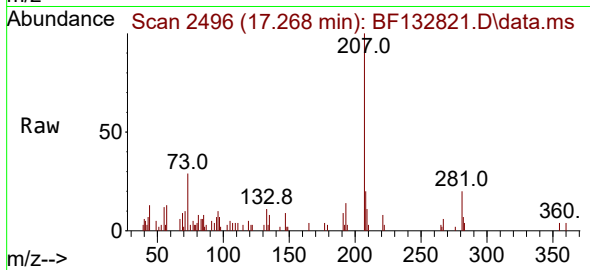
Acq: 16 Mar 2023 20:08

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	276	Resp:	54
Ion Ratio	Lower	Upper	
276	100		
138	0.0	18.8	28.2#
277	0.0	20.3	30.5#



#88

Benzo(b)fluoranthene

Concen: 0.003 ng

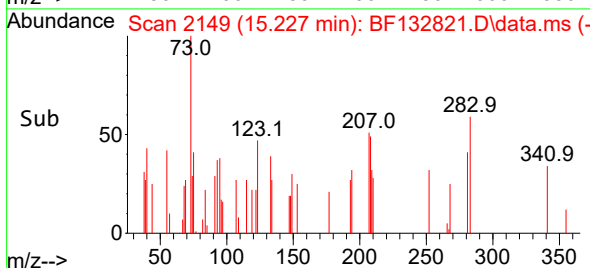
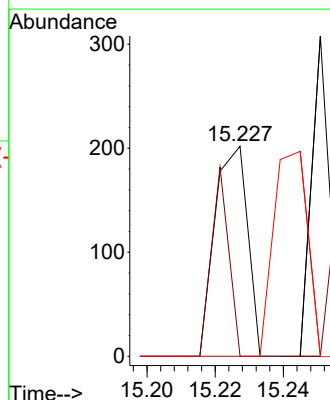
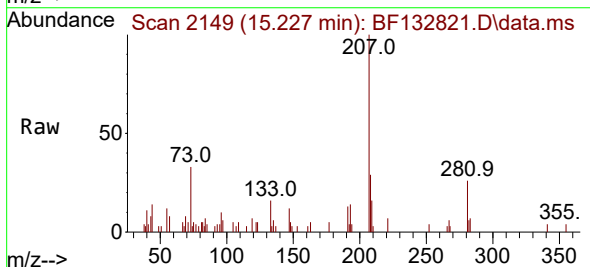
RT: 15.227 min Scan# 2149

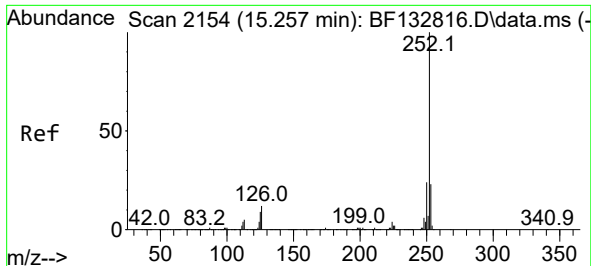
Delta R.T. 0.006 min

Lab File: BF132821.D

Acq: 16 Mar 2023 20:08

Tgt Ion:	252	Resp:	134
Ion Ratio	Lower	Upper	
252	100		
253	0.0	18.2	27.4#
125	0.0	7.8	11.8#





#89

Benzo(k)fluoranthene

Concen: 0.004 ng

RT: 15.251 min Scan# 2153

Delta R.T. -0.006 min

Lab File: BF132821.D

Acq: 16 Mar 2023 20:08

Instrument :

BNA_F

ClientSampleId :

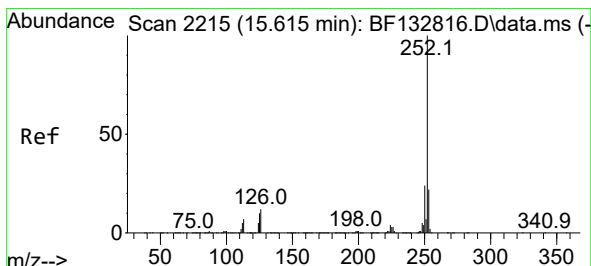
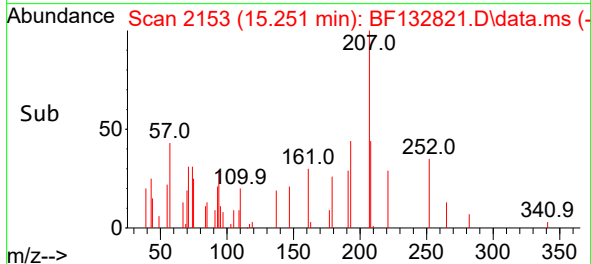
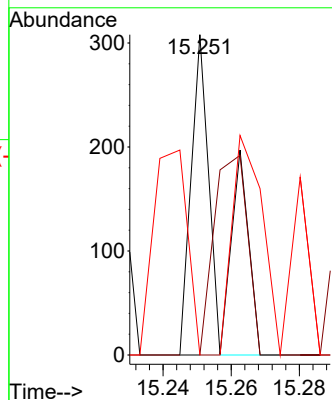
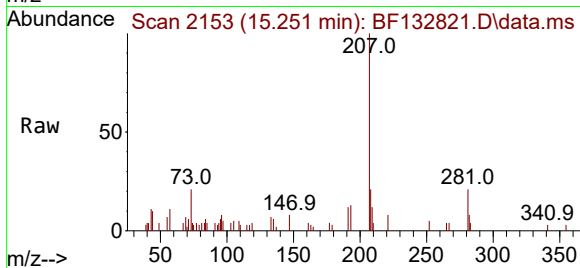
Tgt Ion:252 Resp: 178

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.4#

125 0.0 7.2 10.8#



#90

Benzo(a)pyrene

Concen: 0.002 ng

RT: 15.545 min Scan# 2203

Delta R.T. -0.070 min

Lab File: BF132821.D

Acq: 16 Mar 2023 20:08

Tgt Ion:252 Resp: 76

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.6#

125 0.0 7.7 11.5#

