

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012323\
 Data File : BN023776.D
 Acq On : 24 Jan 2023 14:32
 Operator : CG/JU
 Sample : 01226-09MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 24 23:57:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 24 23:52:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	211378	20.000	ng/ul	0.00
20) Naphthalene-d8	10.698	136	892870	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.539	164	474850	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.286	188	1159774	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	935221	20.000	ng/ul	0.00
88) Perylene-d12	23.904	264	1007194	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	19129	3.894	ng/uL	0.00
4) Pyridine-d5	3.693	84	203406	13.802	ng/ul	0.00
7) Phenol-d5	7.046	99	112666	6.014	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	251249	21.862	ng/ul	0.00
11) 2-Chlorophenol-d4	7.416	132	260027	18.123	ng/ul	0.00
15) 4-Methylphenol-d8	8.604	113	210922	14.106	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	163740	24.319	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	173446	24.335	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	320605	23.583	ng/ul	0.00
31) 4-Chloroaniline-d4	10.840	131	548678	25.658	ng/ul	0.00
46) Dimethylphthalate-d6	13.951	166	1033968	29.271	ng/ul	0.00
49) Acenaphthylene-d8	14.234	160	1067173	27.267	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	38784	5.393	ng/ul	0.00
60) Fluorene-d10	15.528	176	885443	29.336	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	146477	20.936	ng/ul	0.00
73) Anthracene-d10	17.386	188	1408208	27.134	ng/ul	0.00
81) Pyrene-d10	19.680	212	1609570	30.093	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.739	264	1340210	26.907	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	20305	3.916	ng/uL	94
5) Pyridine	3.711	79	218144	14.459	ng/ul	99
6) Benzaldehyde	7.022	77	277784	38.287	ng/ul	99
8) Phenol	7.075	94	131788	6.911	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.310	93	380112	25.227	ng/ul	98
12) 2-Chlorophenol	7.446	128	304910	20.565	ng/ul	99
13) 2-Methylphenol	8.334	108	263275	18.345	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.422	45	504417	25.031	ng/ul	98
16) Acetophenone	8.716	105	584321	25.283	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.704	70	309682	26.613	ng/ul	98
18) 4-Methylphenol	8.669	108	250584	15.856	ng/ul	95
19) Hexachloroethane	8.969	117	144902	24.435	ng/ul	96
22) Nitrobenzene	9.099	77	457311	27.139	ng/ul	99
23) Isophorone	9.628	82	873696	28.669	ng/ul	99
25) 2-Nitrophenol	9.810	139	214341	27.054	ng/ul	98
26) 2,4-Dimethylphenol	9.875	107	376364	23.408	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.110	93	521426	26.378	ng/ul	99
29) 2,4-Dichlorophenol	10.346	162	358040	26.320	ng/ul	98
30) Naphthalene	10.746	128	1213470	25.282	ng/ul	99
32) 4-Chloroaniline	10.863	127	566761	26.463	ng/ul	97
33) Hexachlorobutadiene	11.034	225	206336	24.524	ng/ul	96
34) Caprolactam	11.651	113	17138	3.751	ng/ul	97
35) 4-Chloro-3-methylphenol	11.987	107	403062	27.175	ng/ul	99
36) 2-Methylnaphthalene	12.357	142	825541	25.801	ng/ul	97

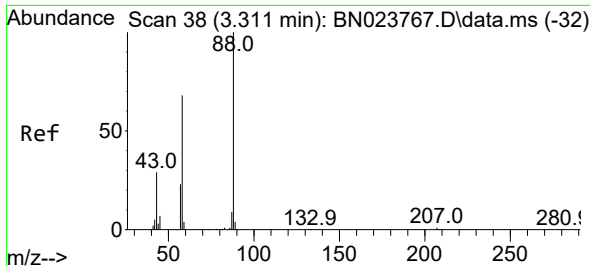
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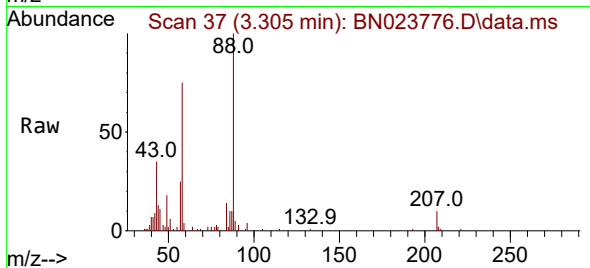
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.581	142	863867	26.426	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.728	216	424495	30.226	ng/ul	95
40) Hexachlorocyclopentadiene	12.704	237	218688	24.707	ng/ul	99
41) 2,4,6-Trichlorophenol	12.969	196	290159	31.344	ng/ul	91
42) 2,4,5-Trichlorophenol	13.040	196	339110	33.496	ng/ul	92
43) 1,1'-Biphenyl	13.369	154	1024275	27.959	ng/ul	99
44) 2-Chloronaphthalene	13.416	162	827592	29.118	ng/ul	98
45) 2-Nitroaniline	13.622	65	302123	38.545	ng/ul	97
47) Dimethylphthalate	13.998	163	1180941	33.271	ng/ul	98
48) 2,6-Dinitrotoluene	14.122	165	252561	37.638	ng/ul	98
50) Acenaphthylene	14.263	152	1354775	31.131	ng/ul	99
51) 3-Nitroaniline	14.451	138	244371	36.342	ng/ul	98
52) Acenaphthene	14.604	153	913823	29.784	ng/ul	99
53) 2,4-Dinitrophenol	14.651	184	14930	3.404	ng/ul	91
55) 4-Nitrophenol	14.757	109	34991	6.025	ng/ul	90
56) Dibenzofuran	14.934	168	1268686	29.707	ng/ul	96
57) 2,4-Dinitrotoluene	14.904	165	349628	35.691	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.163	232	285124	32.867	ng/ul	99
59) Diethylphthalate	15.363	149	1210366	34.041	ng/ul	98
61) Fluorene	15.586	166	1168078	33.777	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.581	204	570521	33.888	ng/ul	98
63) 4-Nitroaniline	15.616	138	258744	41.793	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.669	198	162268	23.502	ng/ul	96
67) N-Nitrosodiphenylamine	15.798	169	1043889	32.073	ng/ul	99
68) 4-Bromophenyl-phenylether	16.475	248	370590	31.879	ng/ul	98
69) Hexachlorobenzene	16.586	284	408632	29.996	ng/ul	95
70) Atrazine	16.757	200	411595	33.789	ng/ul	99
71) Pentachlorophenol	16.933	266	265326	30.517	ng/ul	96
72) Phenanthrene	17.328	178	1879386	30.243	ng/ul	99
74) Anthracene	17.422	178	1883903	30.461	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.334	216	392776	25.155	ng/ul	97
76) Pentachlorobenzene	14.857	250	411683	26.322	ng/ul	99
77) Carbazole	17.692	167	1855767	33.046	ng/ul	99
78) Di-n-butylphthalate	18.257	149	2350741	35.257	ng/ul	100
80) Fluoranthene	19.345	202	2245374	35.892	ng/ul	99
82) Pyrene	19.710	202	2281591	34.529	ng/ul	100
83) Butylbenzylphthalate	20.610	149	1104467	42.220	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.404	252	125919	6.164	ng/ul	99
85) Benzo(a)anthracene	21.463	228	1988437	31.388	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.386	149	1466013	38.597	ng/ul	98
87) Chrysene	21.521	228	1849324	31.135	ng/ul	98
89) Di-n-octyl phthalate	22.316	149	2567718	36.939	ng/ul	100
90) Benzo(b)fluoranthene	23.168	252	2051668	31.979	ng/ul	99
91) Benzo(k)fluoranthene	23.215	252	1922968	30.303	ng/ul	98
93) Benzo(a)pyrene	23.792	252	1694148	30.448	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.421	276	2002536	29.122	ng/ul	98
95) Dibenzo(a,h)anthracene	26.433	278	1650499	29.028	ng/ul	99
96) Benzo(g,h,i)perylene	27.192	276	1604433	29.298	ng/ul	94

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

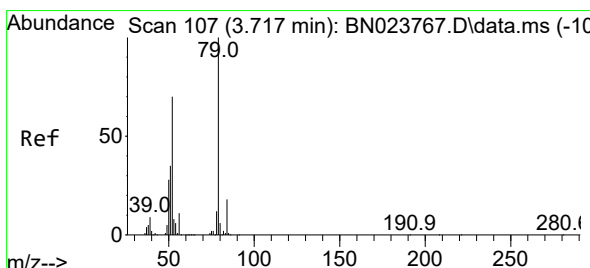
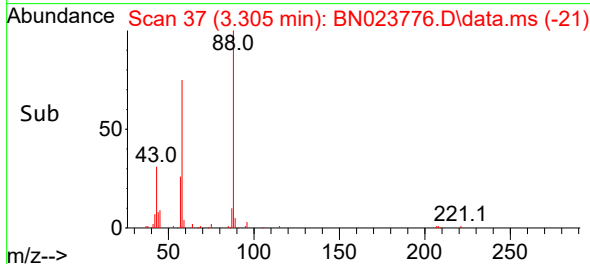
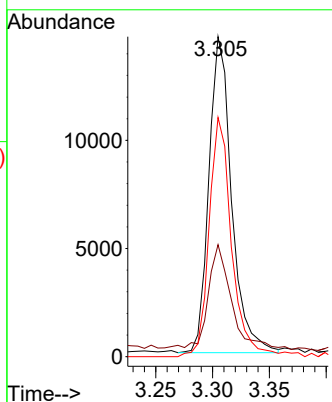


#2
1,4-Dioxane
Concen: 3.916 ng/uL
RT: 3.305 min Scan# 31
Delta R.T. -0.006 min
Lab File: BN023776.D
Acq: 24 Jan 2023 14:32

Instrument :
BNA_N
ClientSampleId :

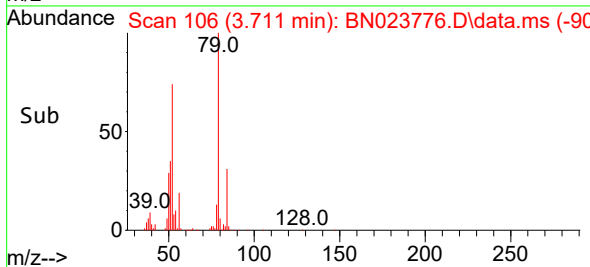
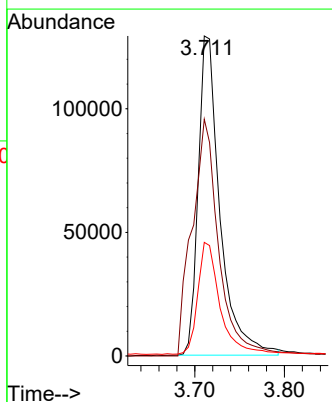
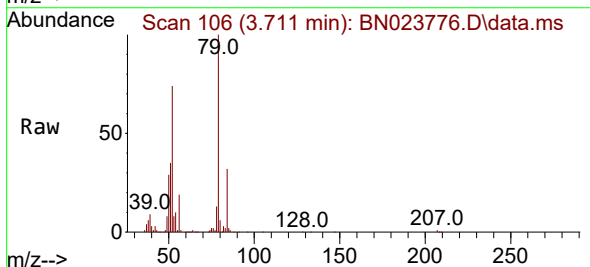


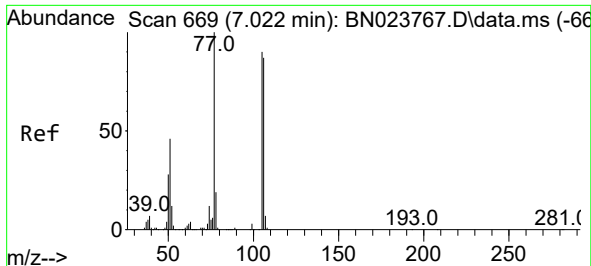
Tgt Ion: 88 Resp: 20305
Ion Ratio Lower Upper
88 100
43 35.0 24.6 36.8
58 74.7 56.2 84.4



#5
Pyridine
Concen: 14.459 ng/uL
RT: 3.711 min Scan# 106
Delta R.T. -0.006 min
Lab File: BN023776.D
Acq: 24 Jan 2023 14:32

Tgt Ion: 79 Resp: 218144
Ion Ratio Lower Upper
79 100
52 74.0 59.9 89.9
51 35.5 28.6 42.8

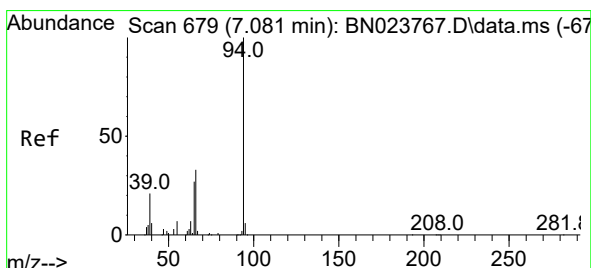
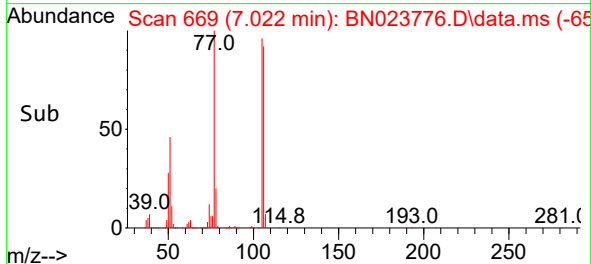
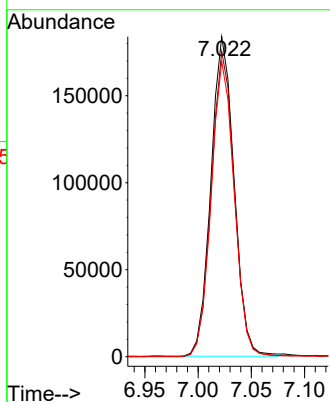
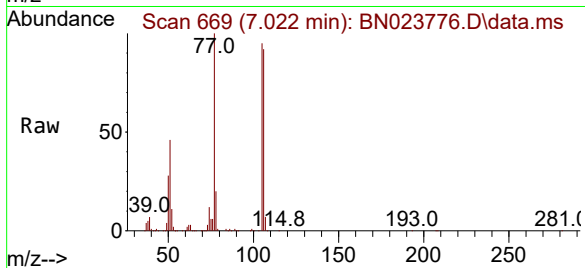




#6
Benzaldehyde
Concen: 38.287 ng/ul
RT: 7.022 min Scan# 669
Delta R.T. -0.000 min
Lab File: BN023776.D
Acq: 24 Jan 2023 14:32

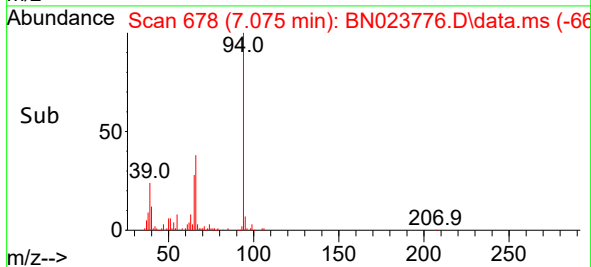
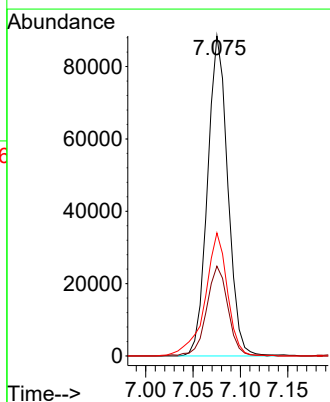
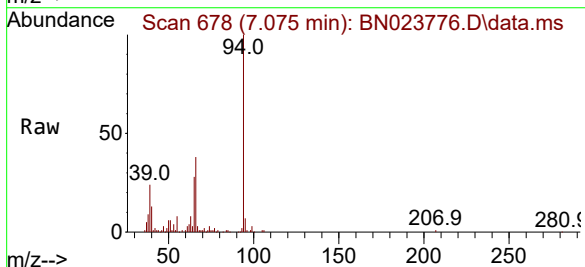
Instrument :
BNA_N
ClientSampleId :

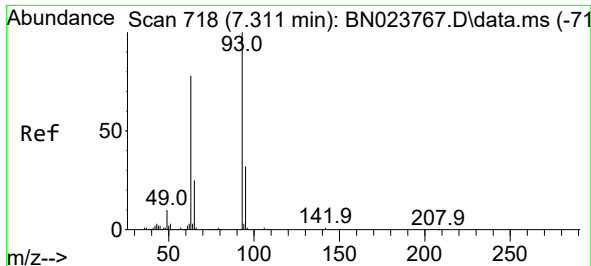
Tgt Ion: 77 Resp: 277784
Ion Ratio Lower Upper
77 100
105 95.4 75.1 112.7
106 92.2 72.8 109.2



#8
Phenol
Concen: 6.911 ng/ul
RT: 7.075 min Scan# 678
Delta R.T. -0.006 min
Lab File: BN023776.D
Acq: 24 Jan 2023 14:32

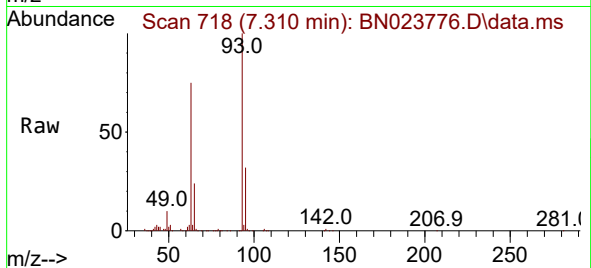
Tgt Ion: 94 Resp: 131788
Ion Ratio Lower Upper
94 100
65 28.0 23.7 35.5
66 38.5 29.9 44.9



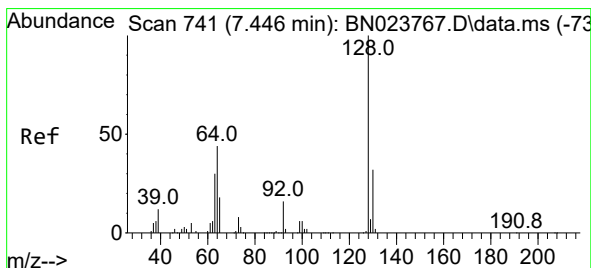
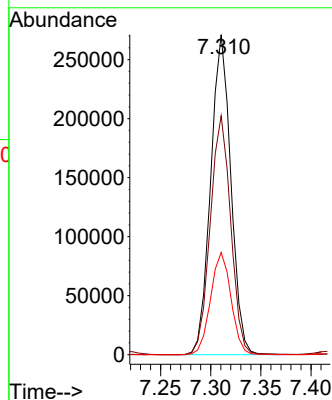
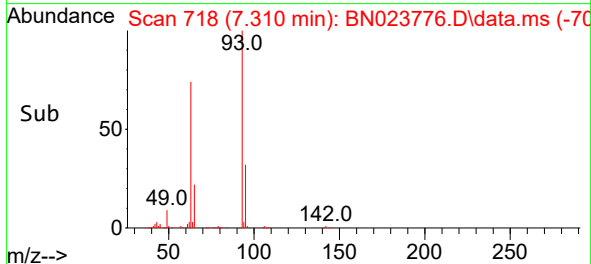


#10
Bis(2-Chloroethyl)ether
Concen: 25.227 ng/ul
RT: 7.310 min Scan# 718
Delta R.T. -0.000 min
Lab File: BN023776.D
Acq: 24 Jan 2023 14:32

Instrument :
BNA_N
ClientSampleId :

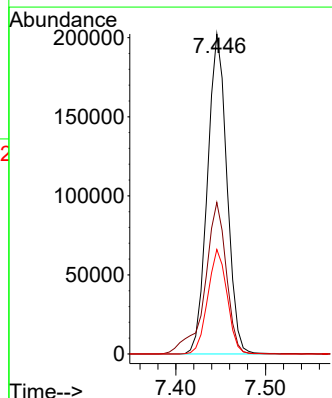
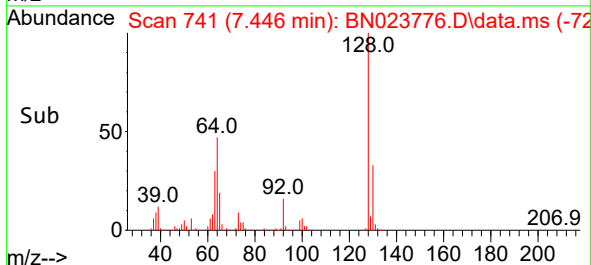
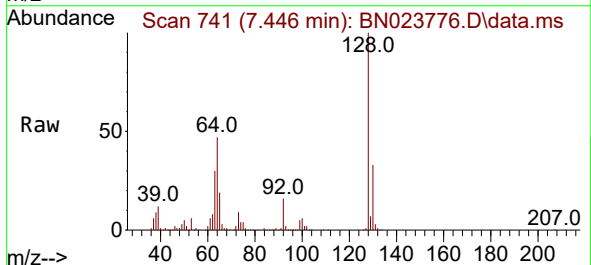


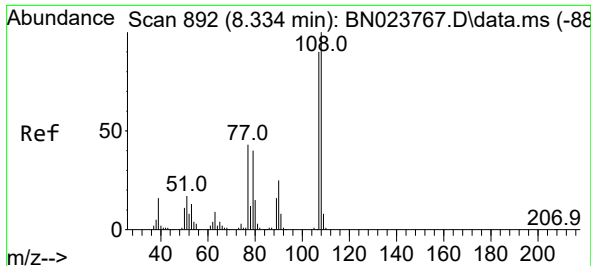
Tgt Ion: 93 Resp: 380112
Ion Ratio Lower Upper
93 100
63 74.7 61.2 91.8
95 32.0 26.6 40.0



#12
2-Chlorophenol
Concen: 20.565 ng/ul
RT: 7.446 min Scan# 741
Delta R.T. -0.000 min
Lab File: BN023776.D
Acq: 24 Jan 2023 14:32

Tgt Ion:128 Resp: 304910
Ion Ratio Lower Upper
128 100
64 47.4 37.4 56.2
130 32.6 25.6 38.4





#13

2-Methylphenol

Concen: 18.345 ng/ul

RT: 8.334 min Scan# 892

Delta R.T. -0.000 min

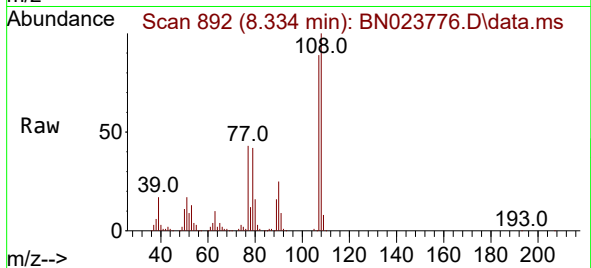
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Instrument :

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ClientSampleId :

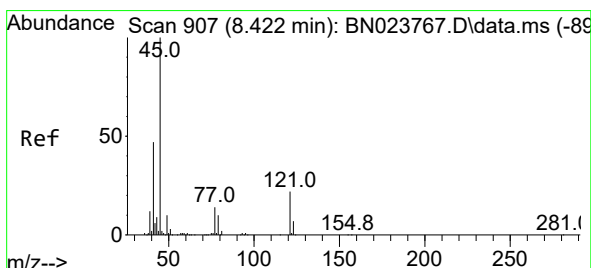
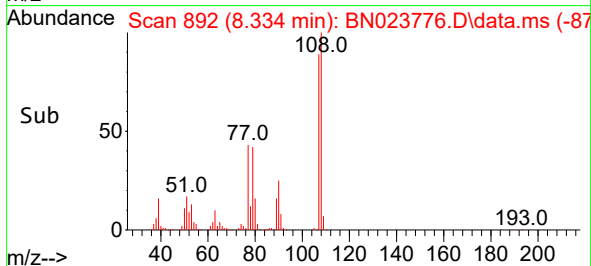
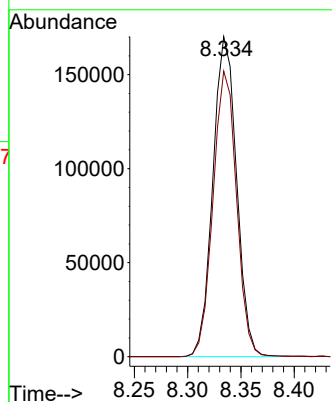


Tgt Ion:108 Resp: 263275

Ion Ratio Lower Upper

108 100

107 89.2 72.3 108.5



#14

2,2'-oxybis(1-Chloropropane)

Concen: 25.031 ng/ul

RT: 8.422 min Scan# 907

Delta R.T. -0.000 min

Lab File: BN023776.D

Acq: 24 Jan 2023 14:32

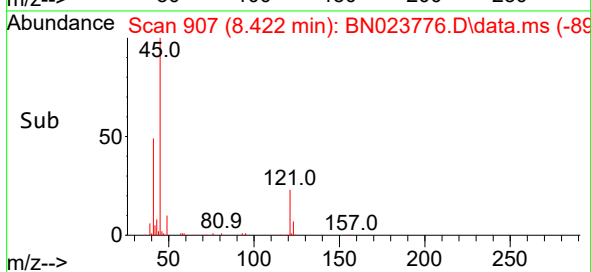
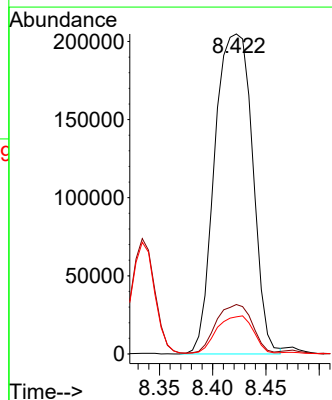
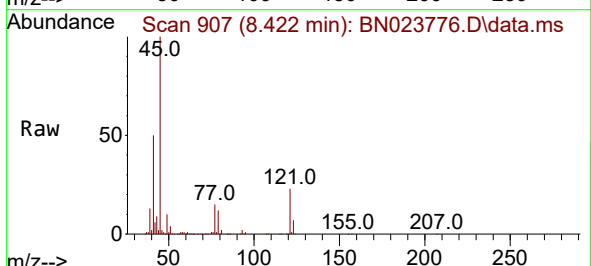
Tgt Ion: 45 Resp: 504417

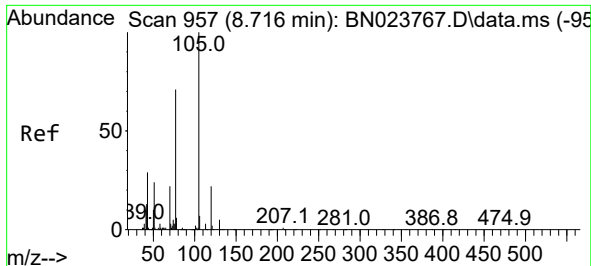
Ion Ratio Lower Upper

45 100

77 15.5 11.4 17.2

79 11.6 8.8 13.2

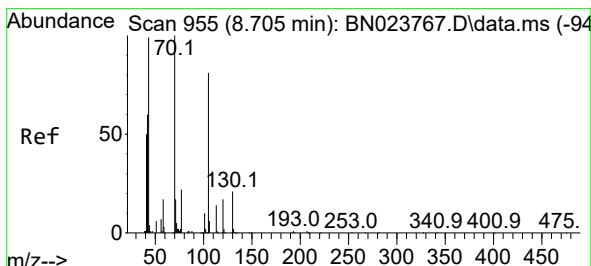
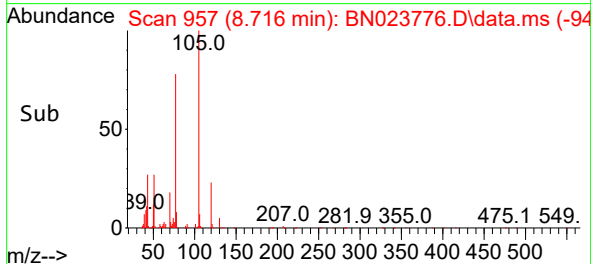
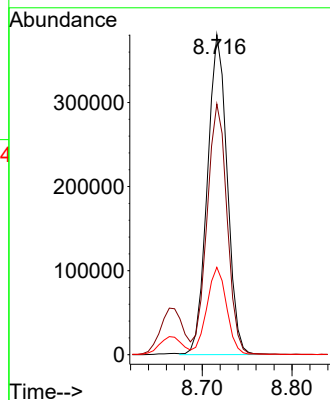
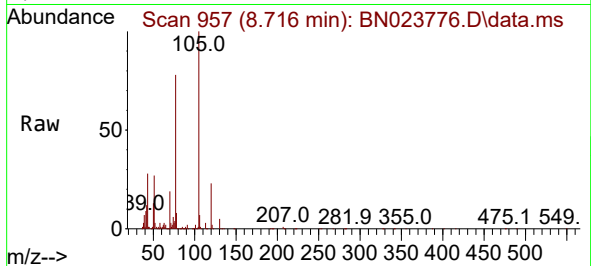




#16
Acetophenone
Concen: 25.283 ng/ul
RT: 8.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN023776.D
Acq: 24 Jan 2023 14:32

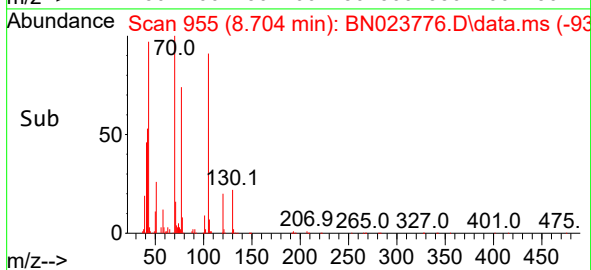
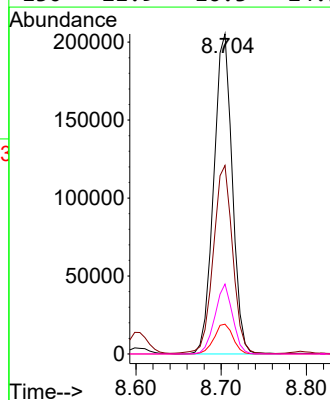
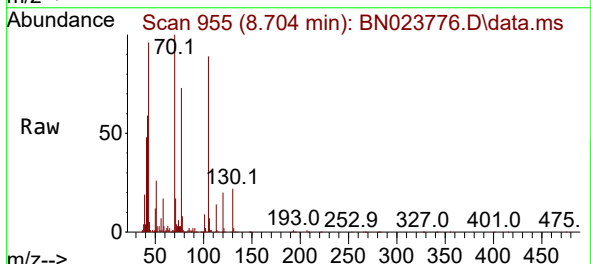
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BNA_N
ClientSampleId :

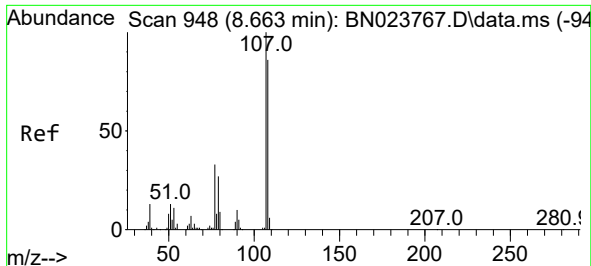
Tgt Ion:105 Resp: 584321
Ion Ratio Lower Upper
105 100
77 78.3 64.2 96.2
51 27.3 22.0 33.0



#17
N-Nitroso-di-n-propylamine
Concen: 26.613 ng/ul
RT: 8.704 min Scan# 955
Delta R.T. -0.000 min
Lab File: BN023776.D
Acq: 24 Jan 2023 14:32

Tgt Ion: 70 Resp: 309682
Ion Ratio Lower Upper
70 100
42 58.9 47.8 71.6
101 9.3 7.8 11.6
130 21.9 16.3 24.5

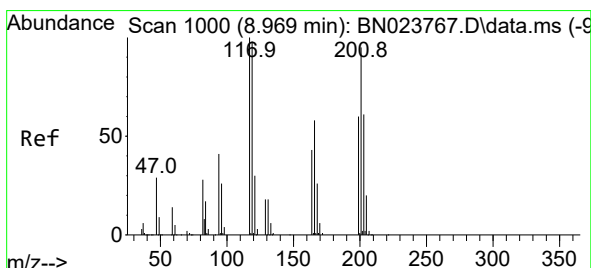
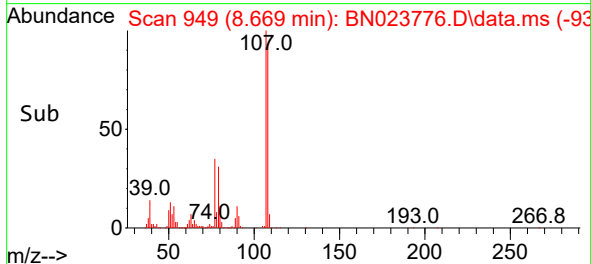
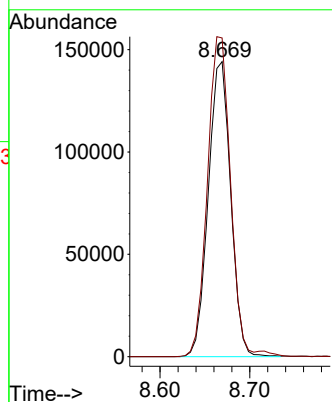
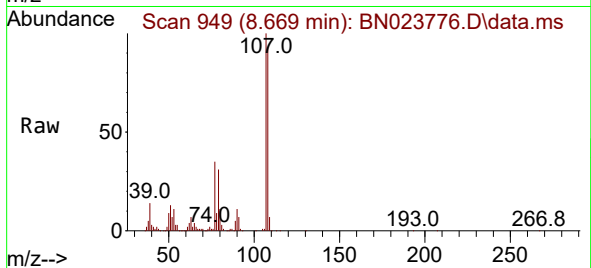




#18
4-Methylphenol
Concen: 15.856 ng/ul
RT: 8.669 min Scan# 948
Delta R.T. 0.006 min
Lab File: BN023776.D
Acq: 24 Jan 2023 14:32

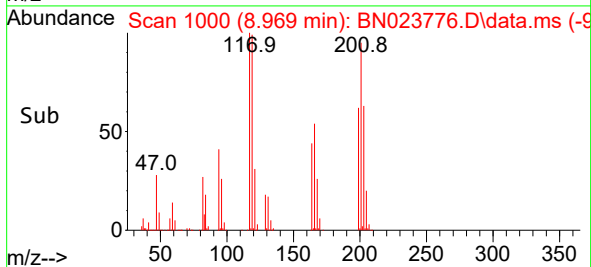
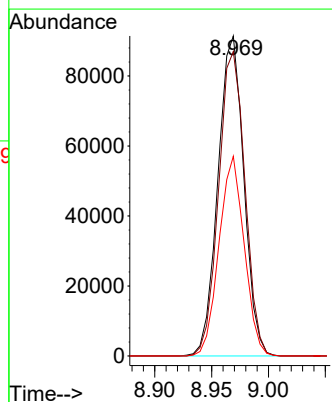
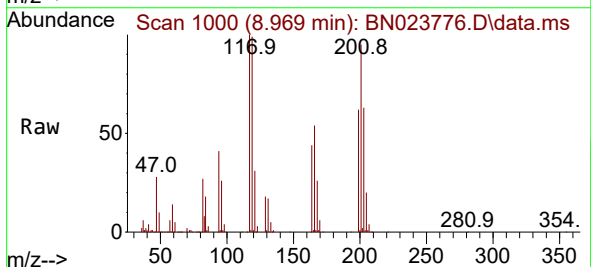
Instrument :
BNA_N
ClientSampleId :

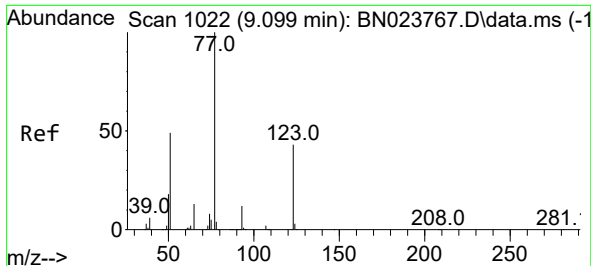
Tgt Ion:108 Resp: 250584
Ion Ratio Lower Upper
108 100
107 108.0 90.7 136.1



#19
Hexachloroethane
Concen: 24.435 ng/ul
RT: 8.969 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BN023776.D
Acq: 24 Jan 2023 14:32

Tgt Ion:117 Resp: 144902
Ion Ratio Lower Upper
117 100
201 95.1 76.9 115.3
199 62.4 44.6 67.0





#22

Nitrobenzene

Concen: 27.139 ng/ul

RT: 9.099 min Scan# 1022

Delta R.T. -0.000 min

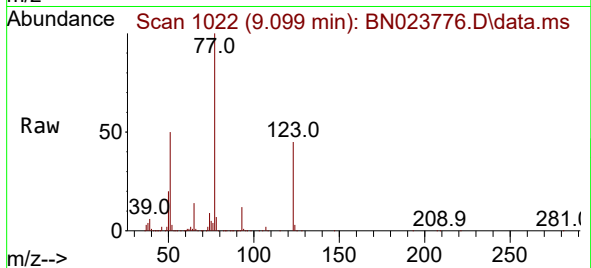
Lab File: BN023776.D

Acq: 24 Jan 2023 14:32

Instrument :

BNA_N

ClientSampleId :



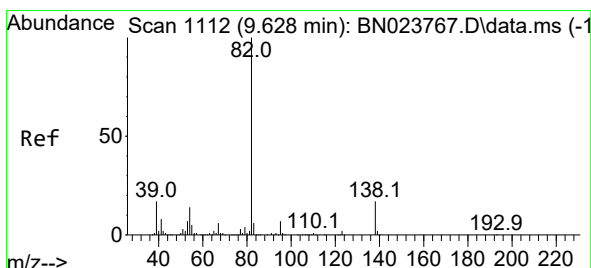
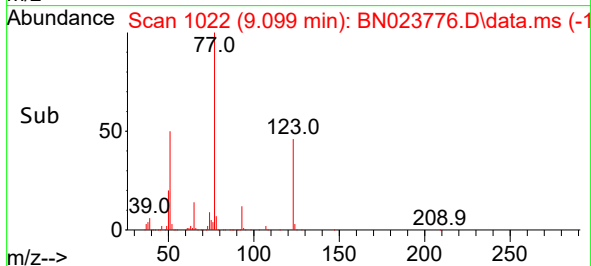
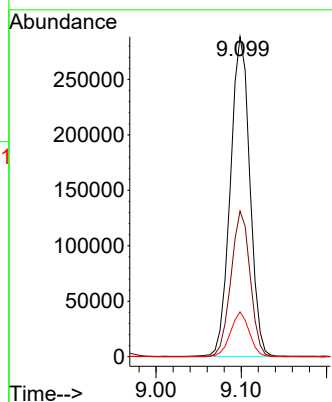
Tgt Ion: 77 Resp: 457311

Ion Ratio Lower Upper

77 100

123 45.5 35.6 53.4

65 14.0 11.0 16.4



#23

Isophorone

Concen: 28.669 ng/ul

RT: 9.628 min Scan# 1112

Delta R.T. -0.000 min

Lab File: BN023776.D

Acq: 24 Jan 2023 14:32

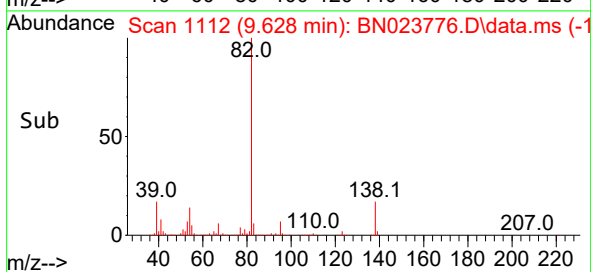
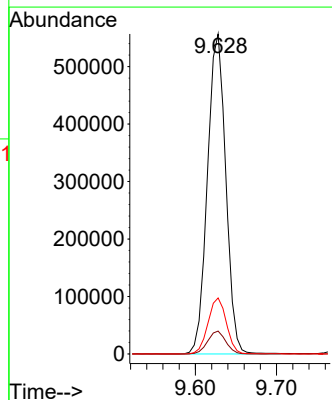
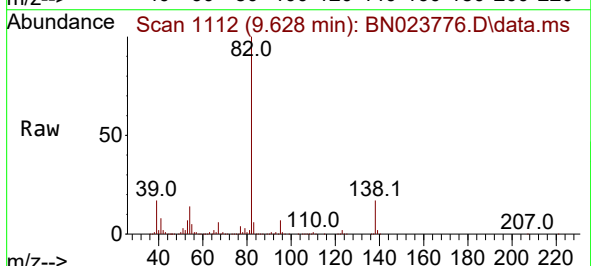
Tgt Ion: 82 Resp: 873696

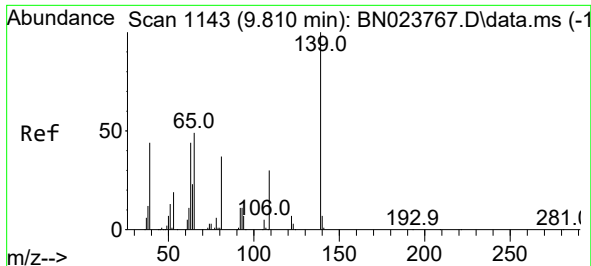
Ion Ratio Lower Upper

82 100

95 7.1 5.5 8.3

138 17.5 13.8 20.8





#25

2-Nitrophenol

Concen: 27.054 ng/ul

RT: 9.810 min Scan# 1143

Delta R.T. -0.000 min

Lab File: BN023776.D

Acq: 24 Jan 2023 14:32

Instrument :

BNA_N

ClientSampleId :

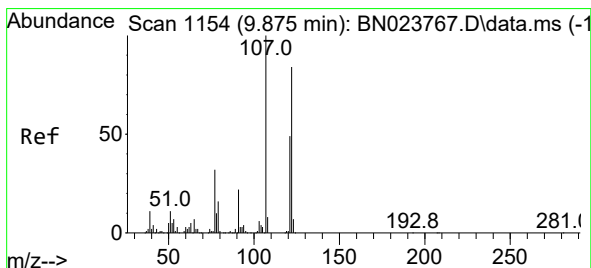
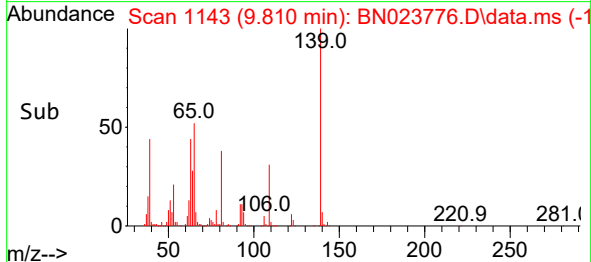
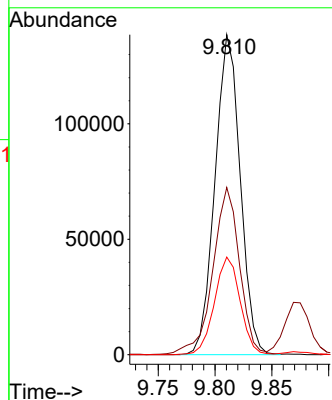
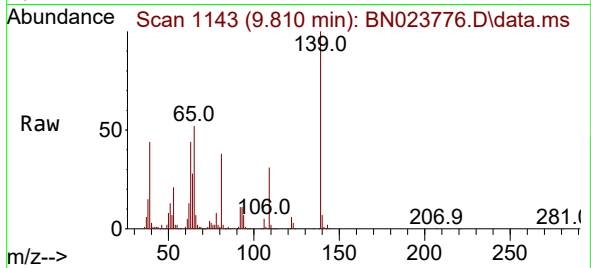
Tgt Ion:139 Resp: 214341

Ion Ratio Lower Upper

139 100

65 52.3 40.3 60.5

109 30.5 24.6 37.0



#26

2,4-Dimethylphenol

Concen: 23.408 ng/ul

RT: 9.875 min Scan# 1154

Delta R.T. -0.000 min

Lab File: BN023776.D

Acq: 24 Jan 2023 14:32

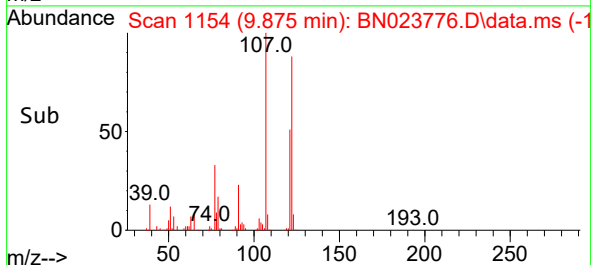
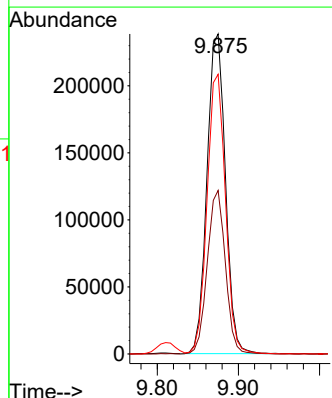
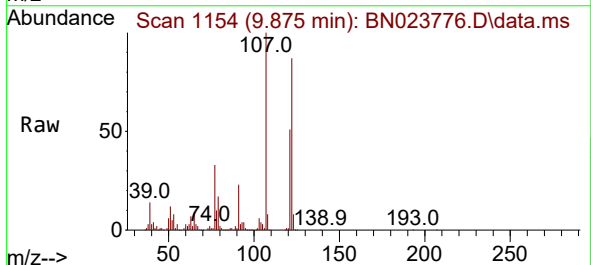
Tgt Ion:107 Resp: 376364

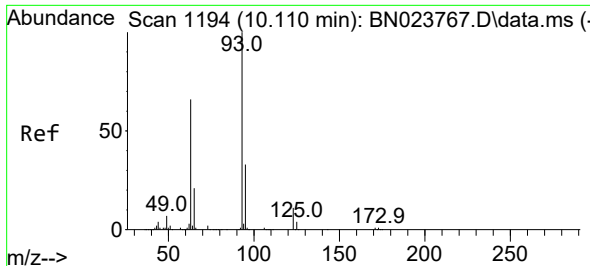
Ion Ratio Lower Upper

107 100

121 51.1 40.4 60.6

122 87.4 67.0 100.4

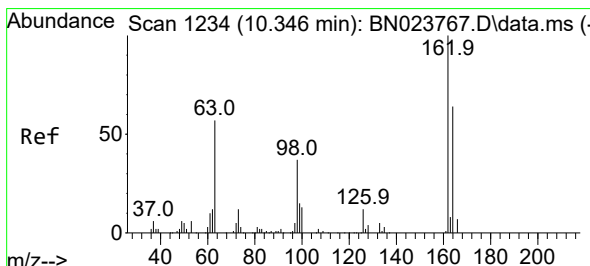
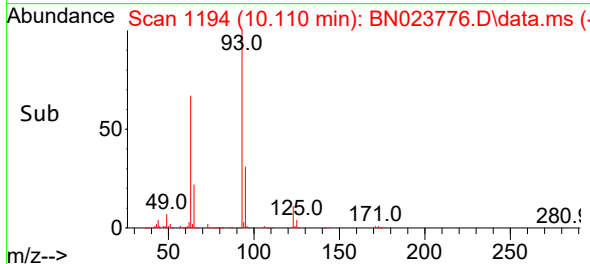
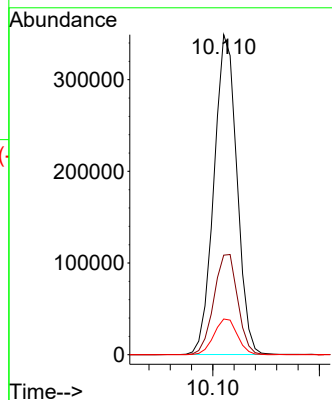
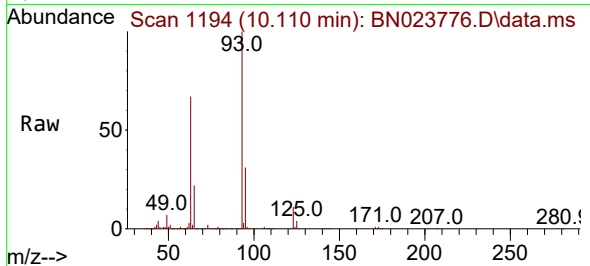




#27
 Bis(2-Chloroethoxy)methane
 Concen: 26.378 ng/ul
 RT: 10.110 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: BN023776.D
 Acq: 24 Jan 2023 14:32

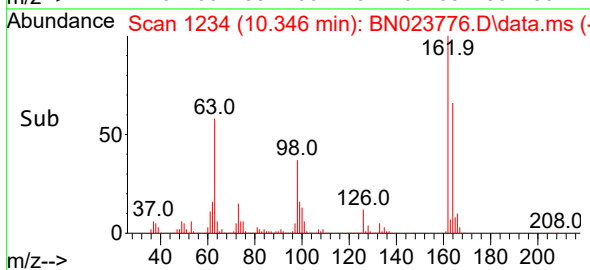
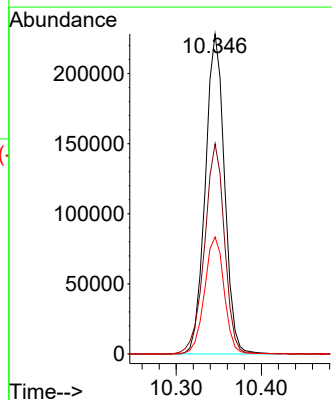
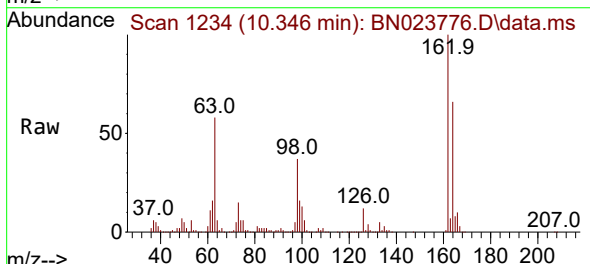
Instrument :
 BNA_N
 ClientSampleId :

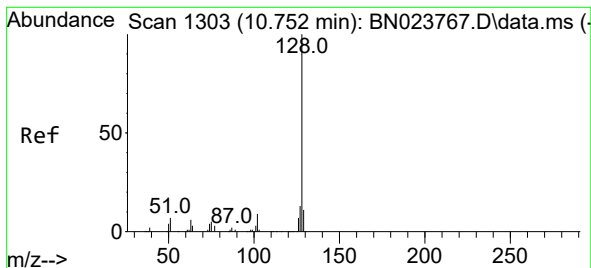
Tgt Ion: 93 Resp: 521426
 Ion Ratio Lower Upper
 93 100
 95 31.1 25.5 38.3
 123 11.2 9.4 14.2



#29
 2,4-Dichlorophenol
 Concen: 26.320 ng/ul
 RT: 10.346 min Scan# 1234
 Delta R.T. -0.000 min
 Lab File: BN023776.D
 Acq: 24 Jan 2023 14:32

Tgt Ion: 162 Resp: 358040
 Ion Ratio Lower Upper
 162 100
 164 65.7 53.8 80.6
 98 36.6 28.8 43.2





#30

Naphthalene

Concen: 25.282 ng/ul

RT: 10.746 min Scan# 1302

Delta R.T. -0.006 min

Lab File: BN023776.D

Acq: 24 Jan 2023 14:32

Instrument :

BNA_N

ClientSampleId :

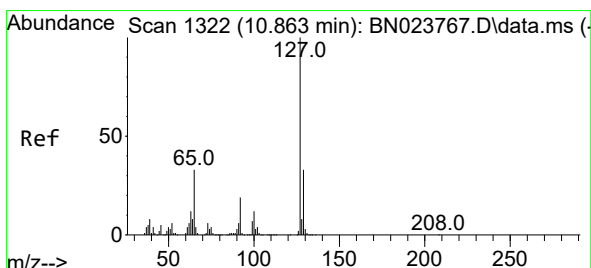
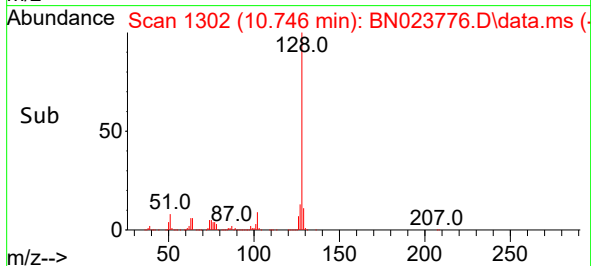
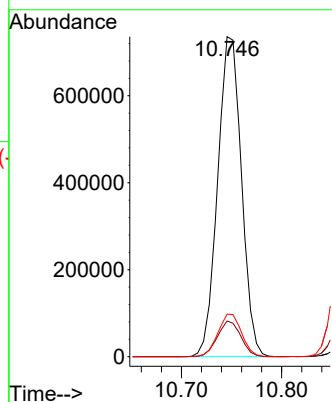
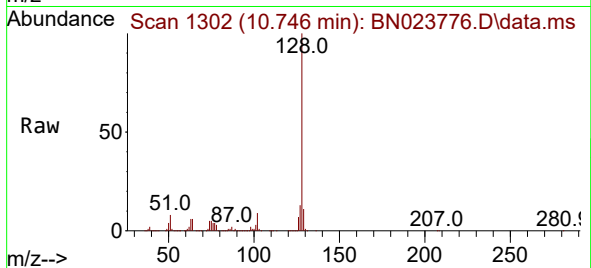
Tgt Ion:128 Resp: 1213470

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

127 13.3 10.8 16.2



#32

4-Chloroaniline

Concen: 26.463 ng/ul

RT: 10.863 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BN023776.D

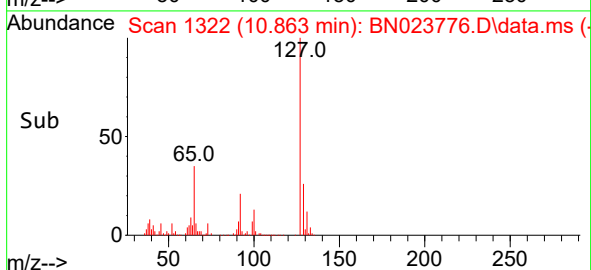
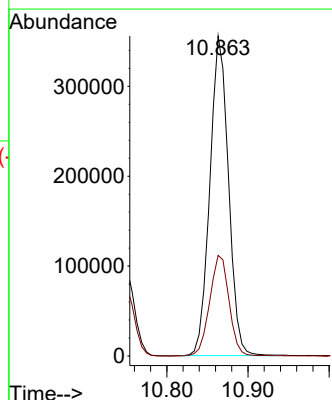
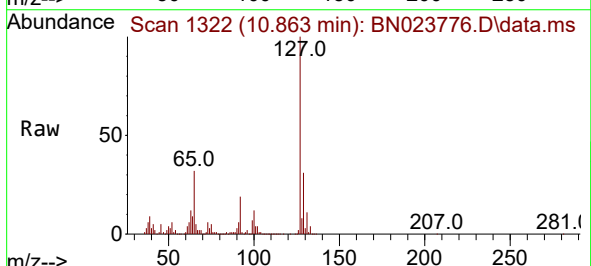
Acq: 24 Jan 2023 14:32

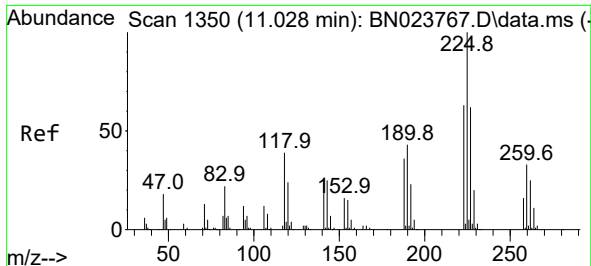
Tgt Ion:127 Resp: 566761

Ion Ratio Lower Upper

127 100

129 31.4 26.4 39.6

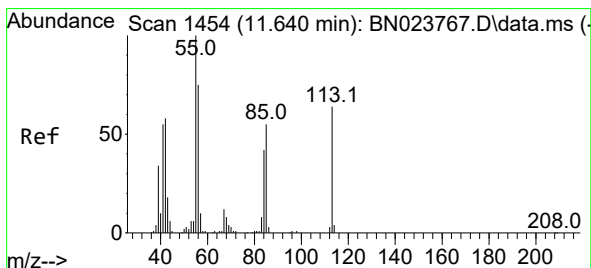
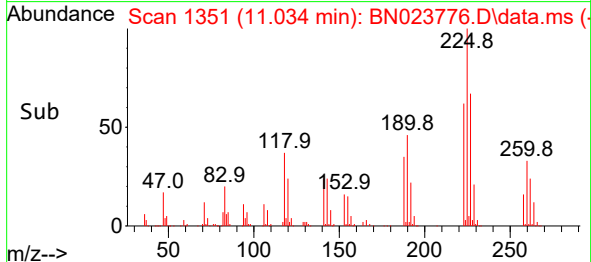
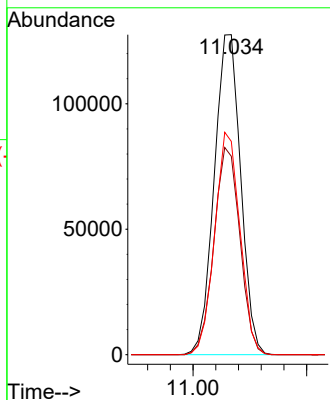
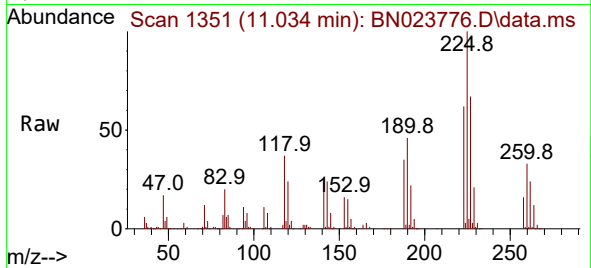




#33
Hexachlorobutadiene
Concen: 24.524 ng/ul
RT: 11.034 min Scan# 1350
Delta R.T. 0.006 min
Lab File: BN023776.D
Acq: 24 Jan 2023 14:32

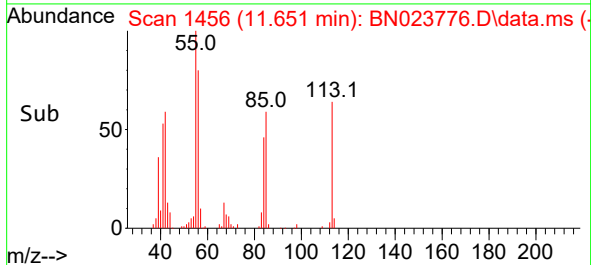
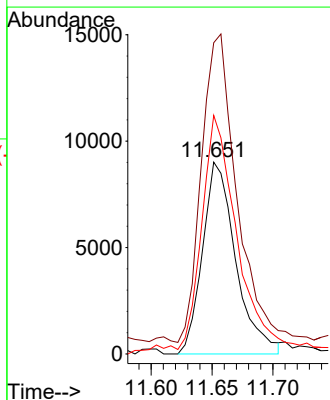
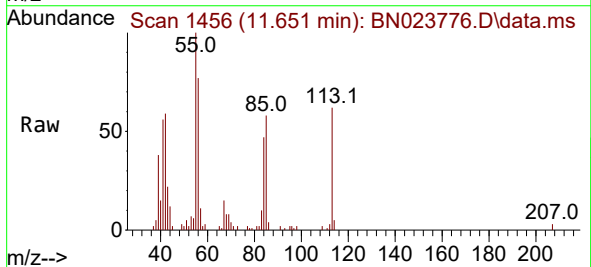
Instrument :
BNA_N
ClientSampleId :

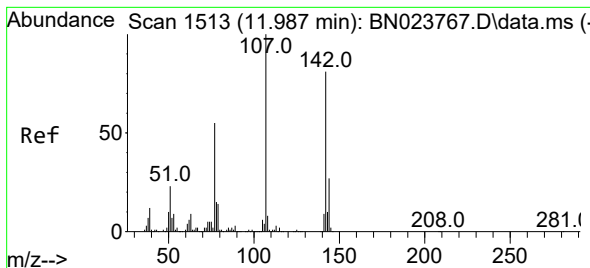
Tgt Ion:225 Resp: 206336
Ion Ratio Lower Upper
225 100
223 62.0 51.7 77.5
227 66.7 50.8 76.2



#34
Caprolactam
Concen: 3.751 ng/ul
RT: 11.651 min Scan# 1456
Delta R.T. 0.012 min
Lab File: BN023776.D
Acq: 24 Jan 2023 14:32

Tgt Ion:113 Resp: 17138
Ion Ratio Lower Upper
113 100
55 162.2 129.1 193.7
56 124.3 94.2 141.4



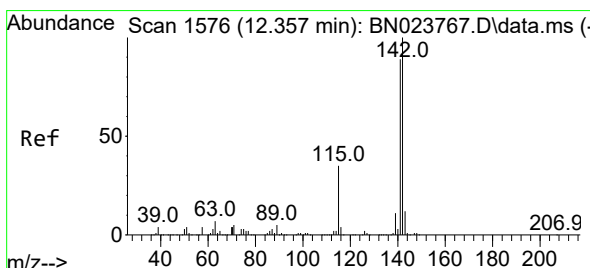
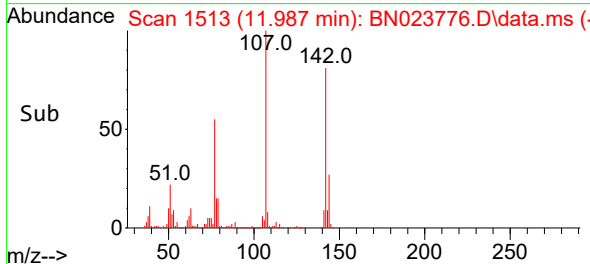
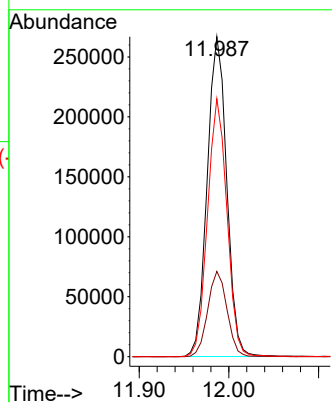
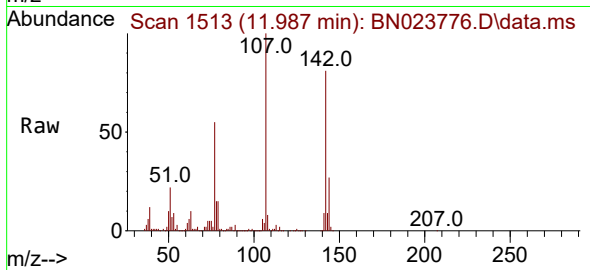


#35
 4-Chloro-3-methylphenol
 Concen: 27.175 ng/ul
 RT: 11.987 min Scan# 1513
 Delta R.T. -0.000 min
 Lab File: BN023776.D
 Acq: 24 Jan 2023 14:32

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:107 Resp: 403062

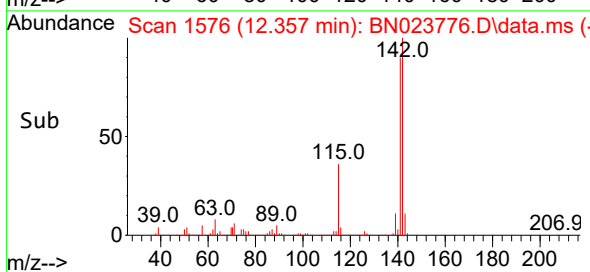
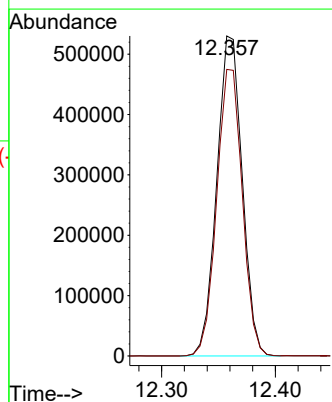
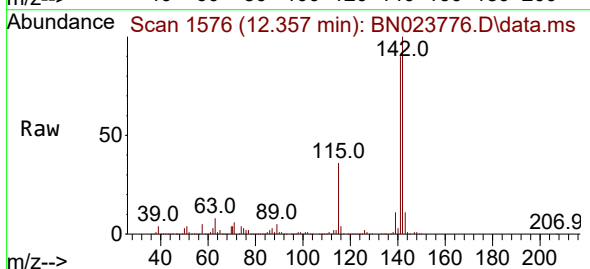
Ion	Ratio	Lower	Upper
107	100		
144	26.6	21.9	32.9
142	80.6	64.0	96.0

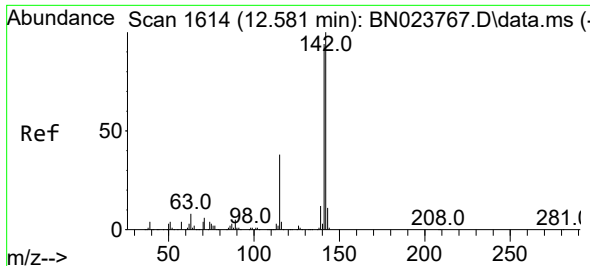


#36
 2-Methylnaphthalene
 Concen: 25.801 ng/ul
 RT: 12.357 min Scan# 1576
 Delta R.T. -0.000 min
 Lab File: BN023776.D
 Acq: 24 Jan 2023 14:32

Tgt Ion:142 Resp: 825541

Ion	Ratio	Lower	Upper
142	100		
141	89.6	73.6	110.4





#37

1-Methylnaphthalene

Concen: 26.426 ng/ul

RT: 12.581 min Scan# 1614

Delta R.T. -0.000 min

Lab File: BN023776.D

Acq: 24 Jan 2023 14:32

Instrument :

BNA_N

ClientSampleId :

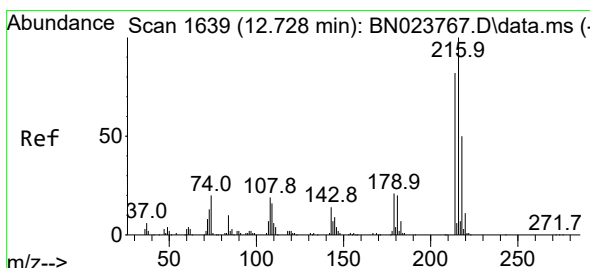
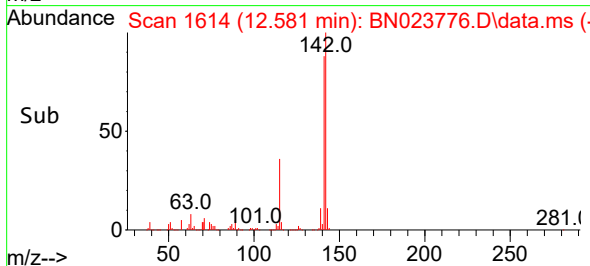
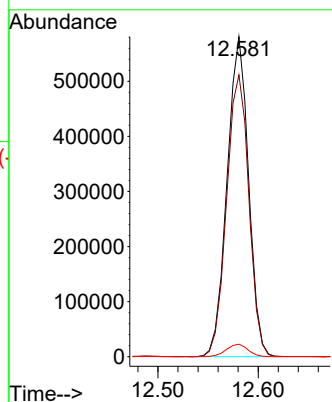
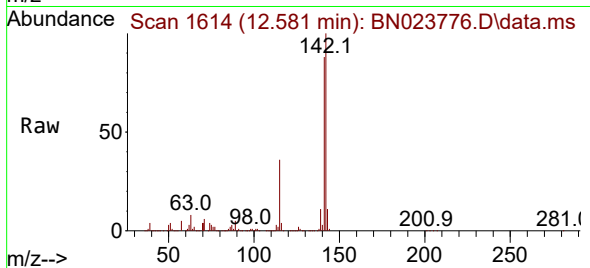
Tgt Ion:142 Resp: 863867

Ion Ratio Lower Upper

142 100

141 88.1 73.8 110.6

116 3.9 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.226 ng/ul

RT: 12.728 min Scan# 1639

Delta R.T. -0.000 min

Lab File: BN023776.D

Acq: 24 Jan 2023 14:32

Tgt Ion:216 Resp: 424495

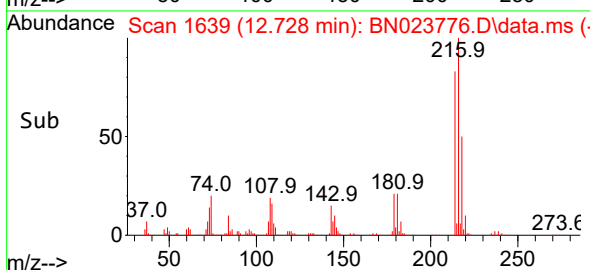
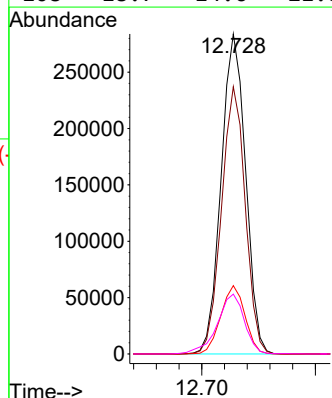
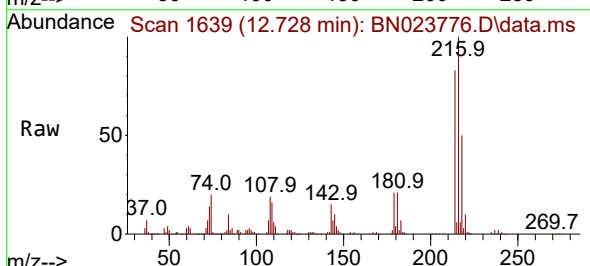
Ion Ratio Lower Upper

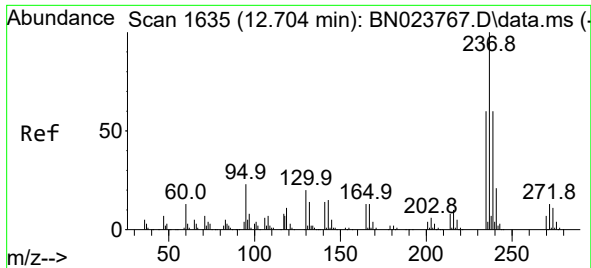
216 100

214 83.5 62.4 93.6

179 21.3 16.2 24.2

108 18.7 14.6 21.8

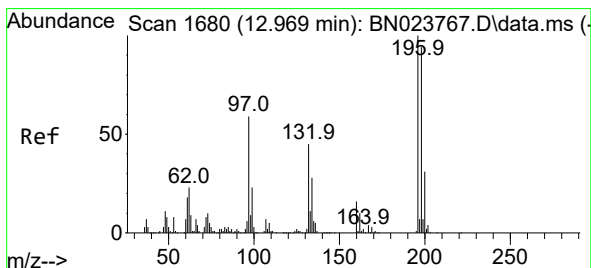
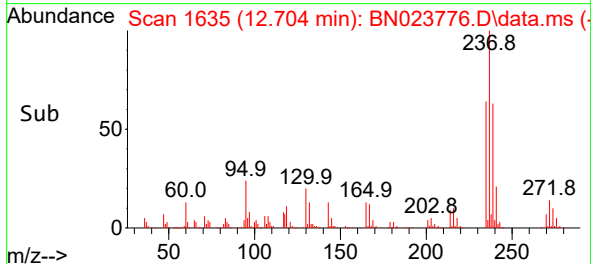
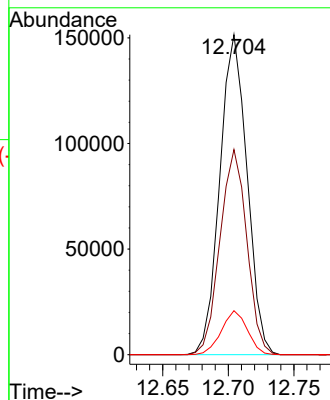
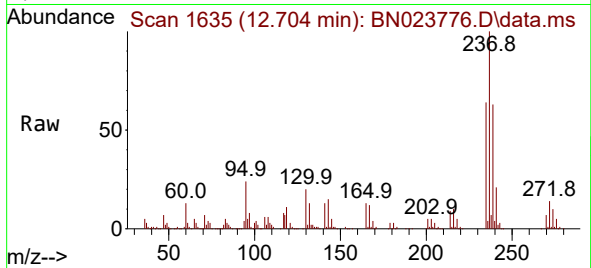




#40
Hexachlorocyclopentadiene
Concen: 24.707 ng/ul
RT: 12.704 min Scan# 1635
Delta R.T. -0.000 min
Lab File: BN023776.D
Acq: 24 Jan 2023 14:32

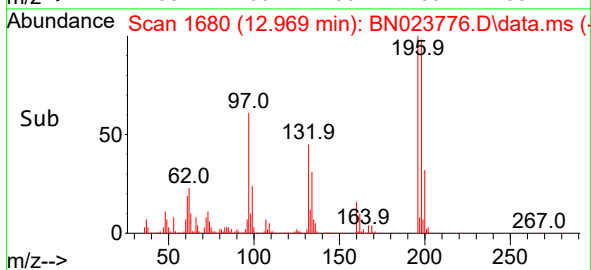
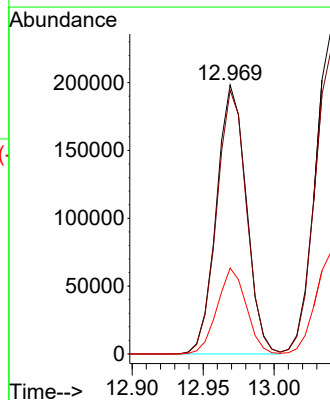
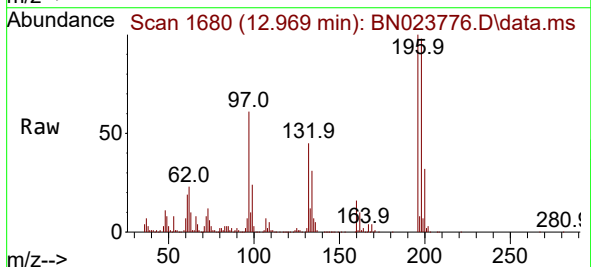
Instrument :
BNA_N
ClientSampleId :

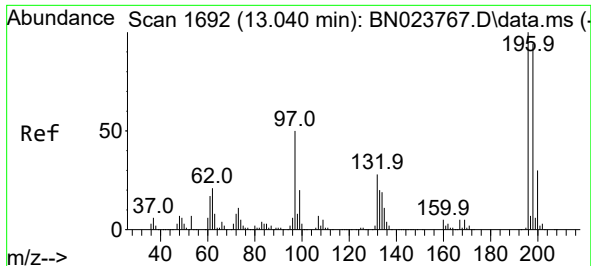
Tgt Ion:237 Resp: 218688
Ion Ratio Lower Upper
237 100
235 64.1 51.0 76.4
272 13.7 9.8 14.8



#41
2,4,6-Trichlorophenol
Concen: 31.344 ng/ul
RT: 12.969 min Scan# 1680
Delta R.T. -0.000 min
Lab File: BN023776.D
Acq: 24 Jan 2023 14:32

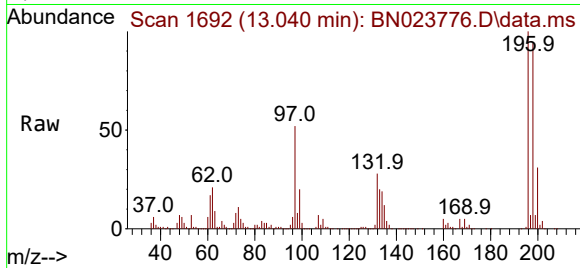
Tgt Ion:196 Resp: 290159
Ion Ratio Lower Upper
196 100
198 98.0 71.4 107.0
200 31.9 22.5 33.7



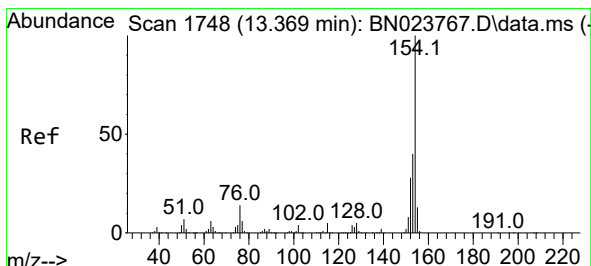
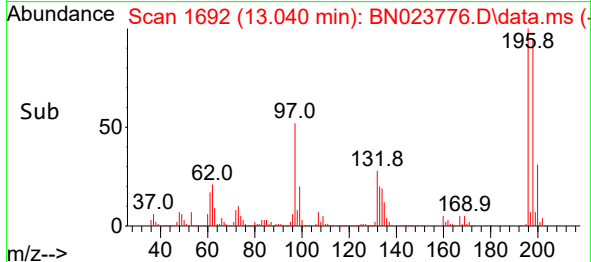
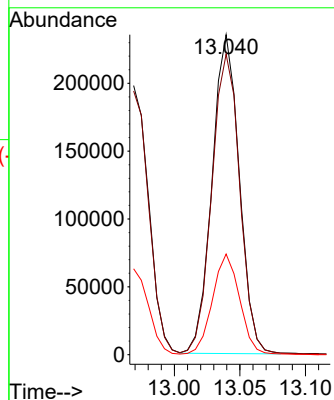


#42
2,4,5-Trichlorophenol
Concen: 33.496 ng/ul
RT: 13.040 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN023776.D
Acq: 24 Jan 2023 14:32

Instrument :
BNA_N
ClientSampleId :

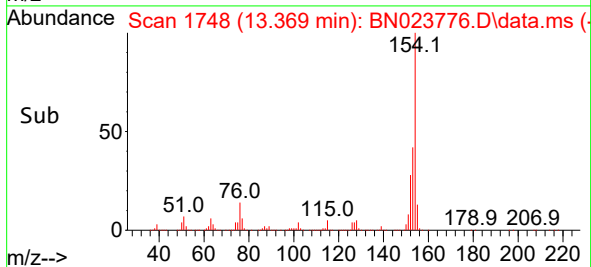
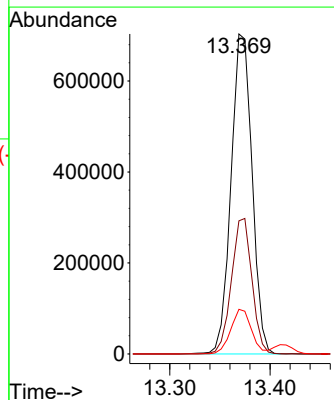
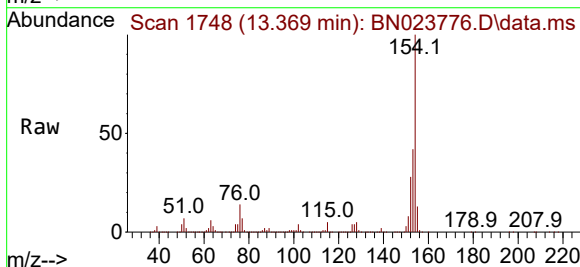


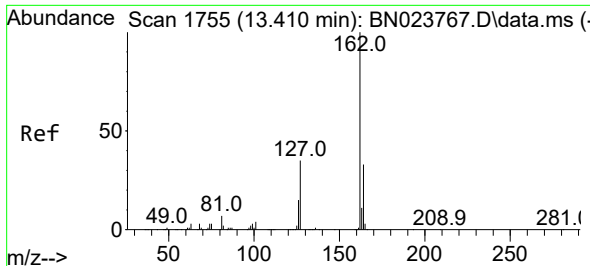
Tgt Ion:196 Resp: 339110
Ion Ratio Lower Upper
196 100
198 93.9 68.1 102.1
200 31.5 24.1 36.1



#43
1,1'-Biphenyl
Concen: 27.959 ng/ul
RT: 13.369 min Scan# 1748
Delta R.T. -0.000 min
Lab File: BN023776.D
Acq: 24 Jan 2023 14:32

Tgt Ion:154 Resp: 1024275
Ion Ratio Lower Upper
154 100
153 41.6 32.5 48.7
76 14.0 11.0 16.6

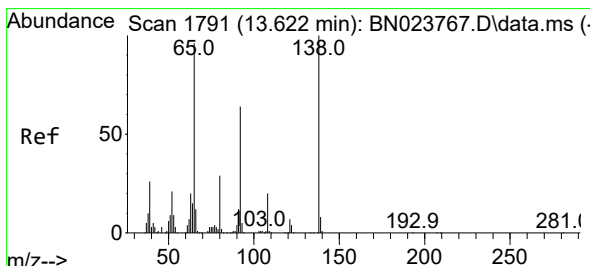
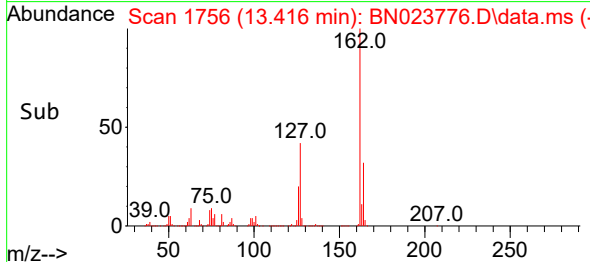
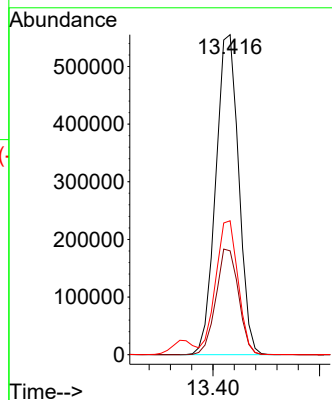
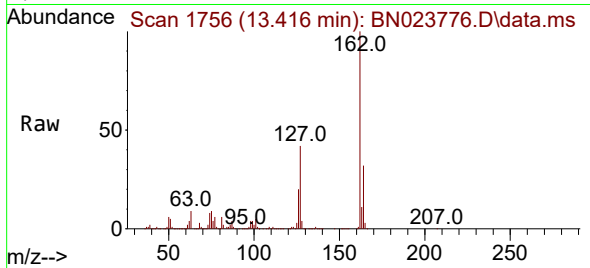




#44
2-Chloronaphthalene
Concen: 29.118 ng/ul
RT: 13.416 min Scan# 1756
Delta R.T. 0.006 min
Lab File: BN023776.D
Acq: 24 Jan 2023 14:32

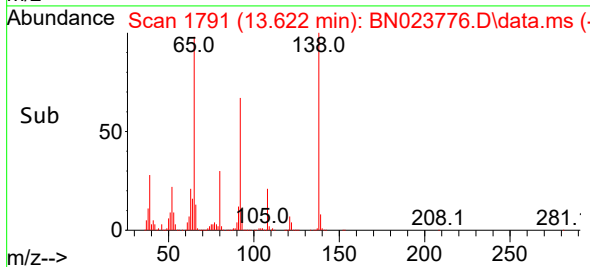
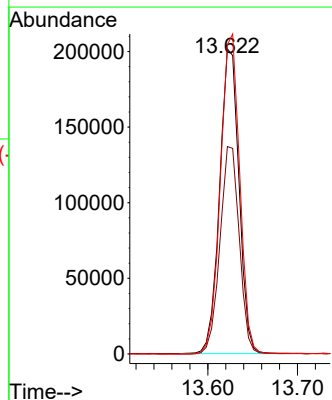
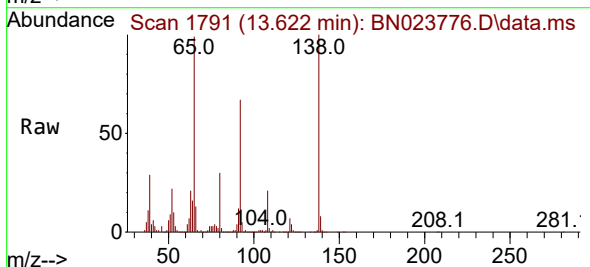
Instrument :
BNA_N
ClientSampleId :

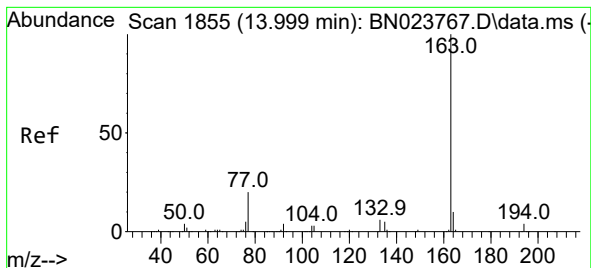
Tgt Ion:162 Resp: 827592
Ion Ratio Lower Upper
162 100
164 32.4 26.2 39.2
127 41.9 31.8 47.8



#45
2-Nitroaniline
Concen: 38.545 ng/ul
RT: 13.622 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BN023776.D
Acq: 24 Jan 2023 14:32

Tgt Ion: 65 Resp: 302123
Ion Ratio Lower Upper
65 100
92 68.0 53.5 80.3
138 101.4 84.0 126.0





#47

Dimethylphthalate

Concen: 33.271 ng/ul

RT: 13.998 min Scan# 1855

Delta R.T. -0.000 min

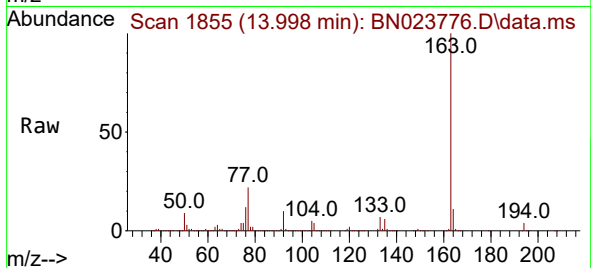
Lab File: BN023776.D

Acq: 24 Jan 2023 14:32

Instrument :

BNA_N

ClientSampleId :



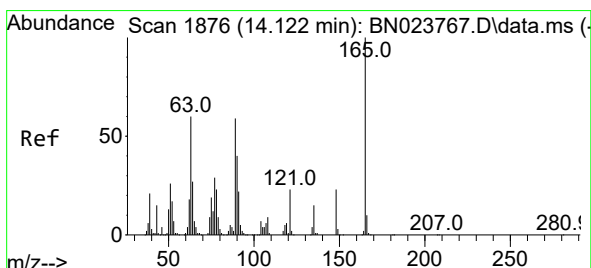
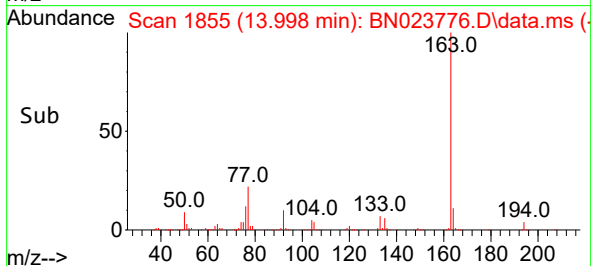
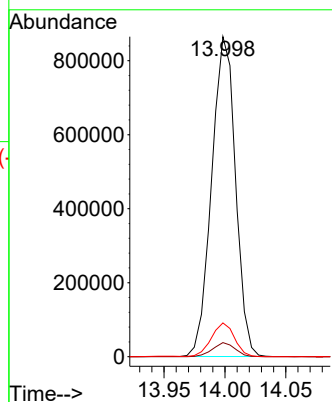
Tgt Ion:163 Resp: 1180941

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

164 10.5 7.9 11.9



#48

2,6-Dinitrotoluene

Concen: 37.638 ng/ul

RT: 14.122 min Scan# 1876

Delta R.T. -0.000 min

Lab File: BN023776.D

Acq: 24 Jan 2023 14:32

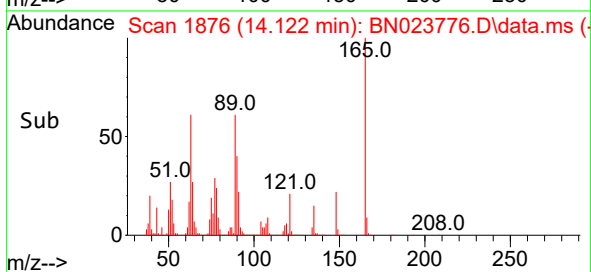
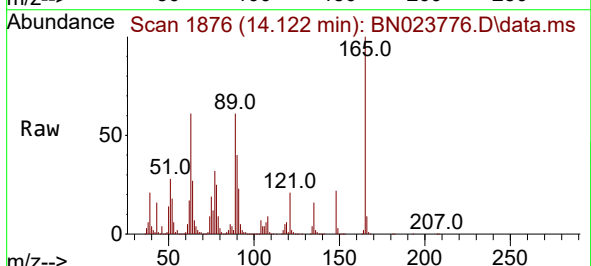
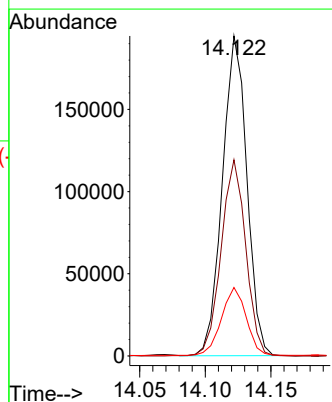
Tgt Ion:165 Resp: 252561

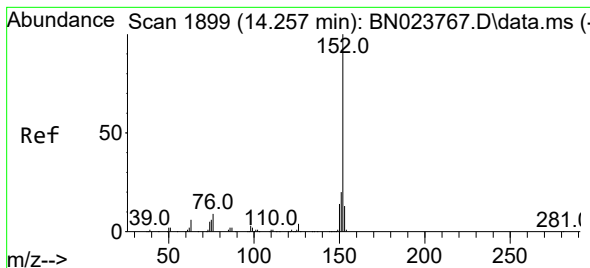
Ion Ratio Lower Upper

165 100

89 61.3 49.9 74.9

121 21.4 19.1 28.7





#50

Acenaphthylene

Concen: 31.131 ng/ul

RT: 14.263 min Scan# 1899

Delta R.T. 0.006 min

Lab File: BN023776.D

Acq: 24 Jan 2023 14:32

Instrument :

BNA_N

ClientSampleId :

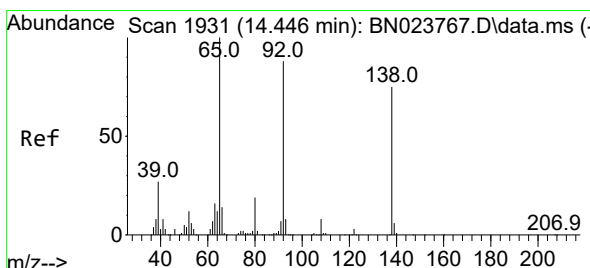
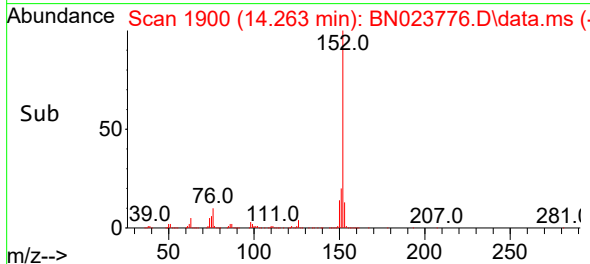
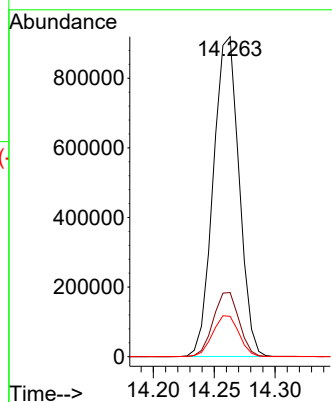
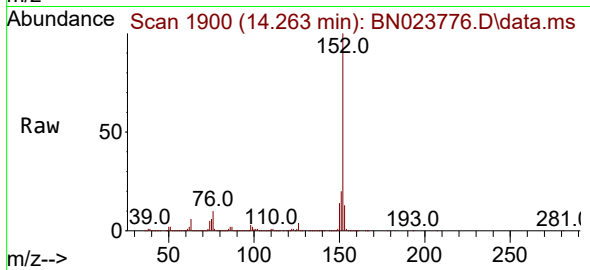
Tgt Ion:152 Resp: 1354775

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

153 12.6 10.2 15.4



#51

3-Nitroaniline

Concen: 36.342 ng/ul

RT: 14.451 min Scan# 1932

Delta R.T. 0.006 min

Lab File: BN023776.D

Acq: 24 Jan 2023 14:32

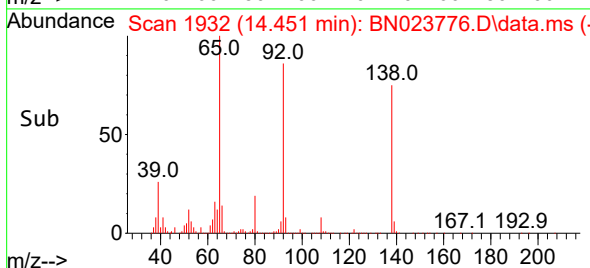
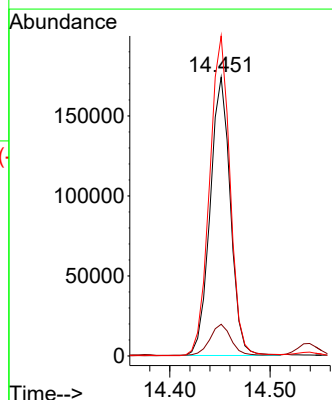
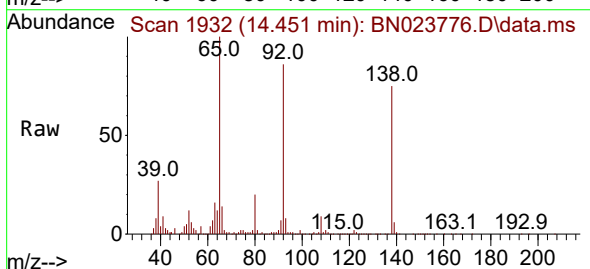
Tgt Ion:138 Resp: 244371

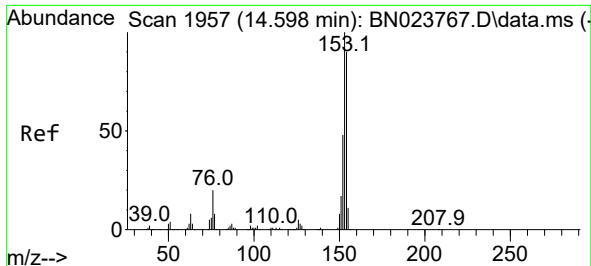
Ion Ratio Lower Upper

138 100

108 11.4 8.1 12.1

92 114.8 93.2 139.8

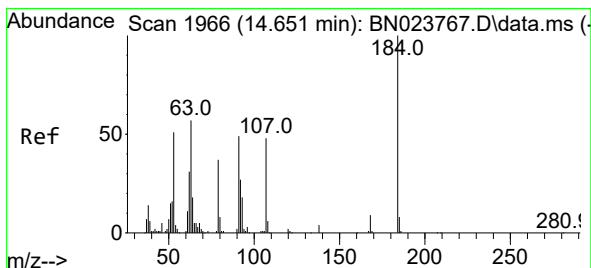
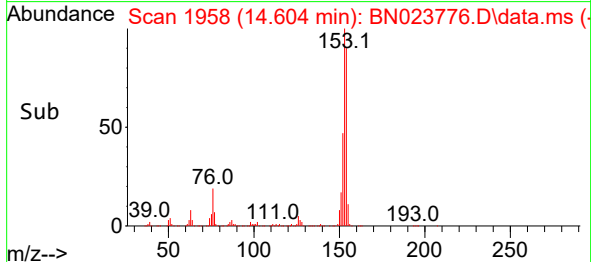
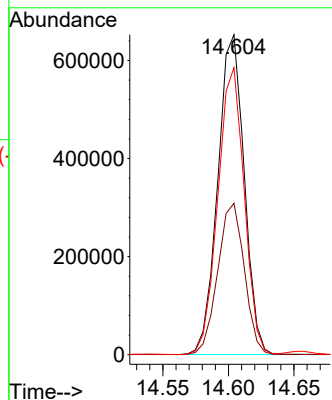
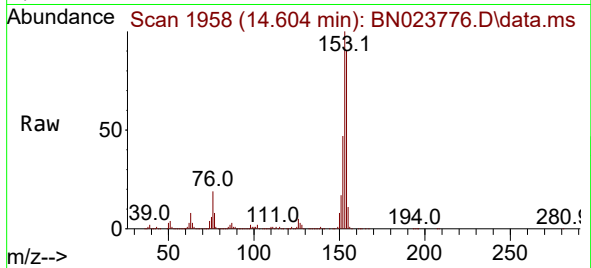




#52
Acenaphthene
Concen: 29.784 ng/ul
RT: 14.604 min Scan# 1958
Delta R.T. 0.006 min
Lab File: BN023776.D
Acq: 24 Jan 2023 14:32

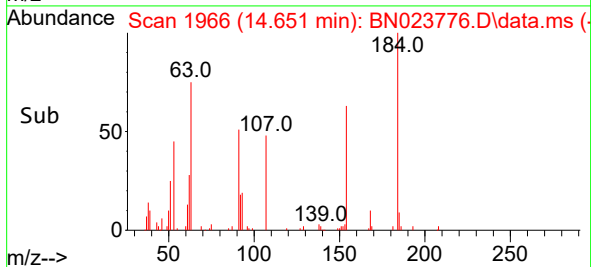
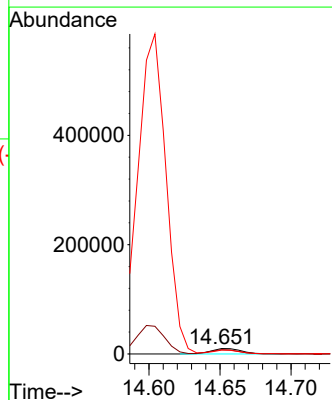
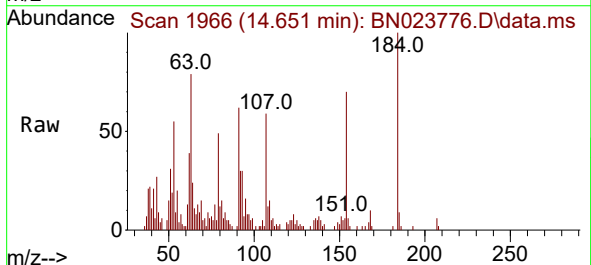
Instrument :
BNA_N
ClientSampleId :

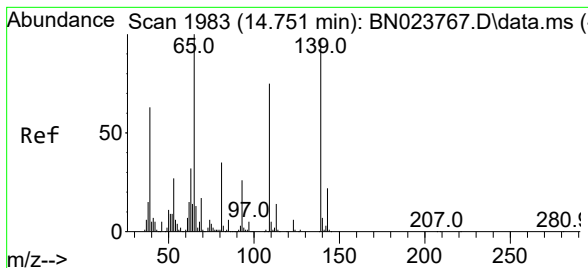
Tgt Ion:153 Resp: 913823
Ion Ratio Lower Upper
153 100
152 47.3 38.5 57.7
154 89.7 71.5 107.3



#53
2,4-Dinitrophenol
Concen: 3.404 ng/ul
RT: 14.651 min Scan# 1966
Delta R.T. -0.000 min
Lab File: BN023776.D
Acq: 24 Jan 2023 14:32

Tgt Ion:184 Resp: 14930
Ion Ratio Lower Upper
184 100
63 79.5 58.2 87.4
154 69.6 49.4 74.0

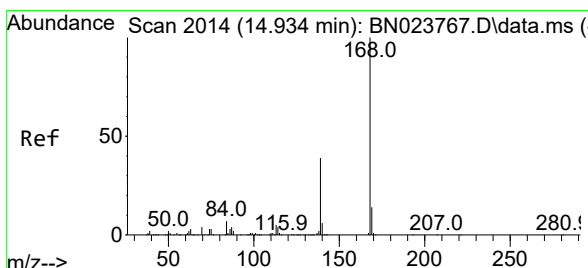
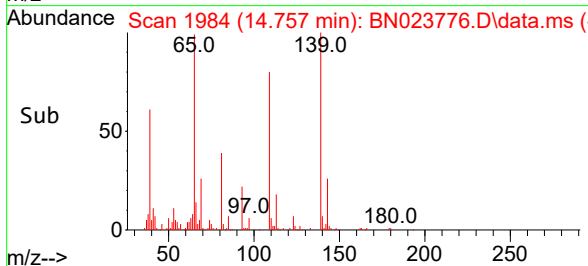
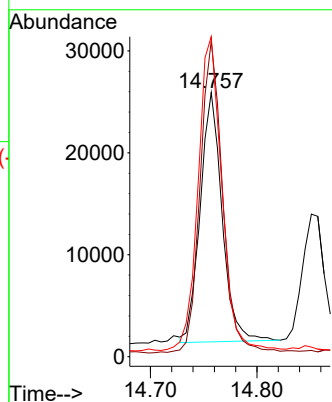
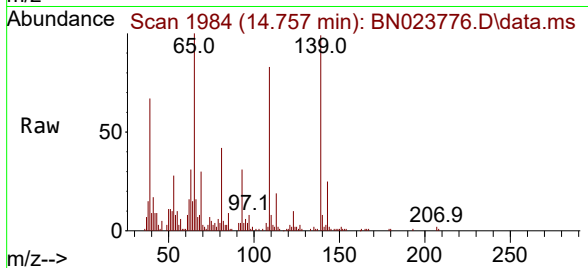




#55
4-Nitrophenol
Concen: 6.025 ng/ul
RT: 14.757 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BN023776.D
Acq: 24 Jan 2023 14:32

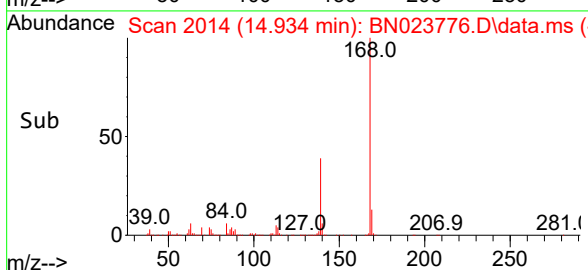
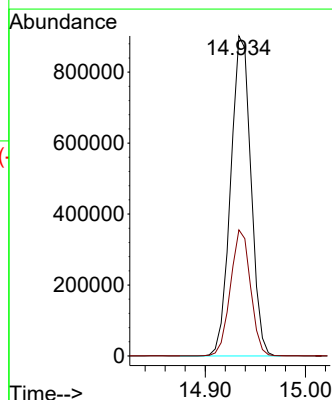
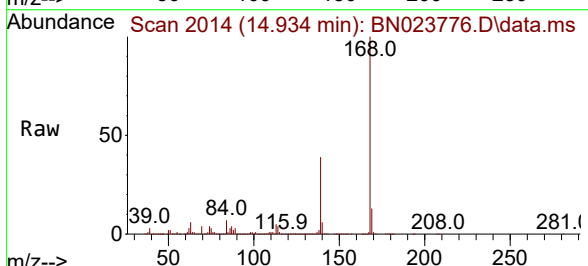
Instrument :
BNA_N
ClientSampleId :

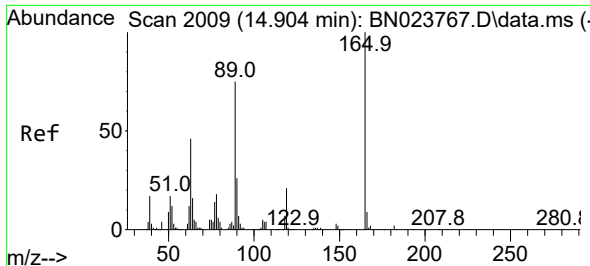
Tgt Ion:109 Resp: 34991
Ion Ratio Lower Upper
109 100
139 119.5 104.8 157.2
65 121.1 107.3 160.9



#56
Dibenzofuran
Concen: 29.707 ng/ul
RT: 14.934 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BN023776.D
Acq: 24 Jan 2023 14:32

Tgt Ion:168 Resp: 1268686
Ion Ratio Lower Upper
168 100
139 39.4 29.6 44.4





#57

2,4-Dinitrotoluene

Concen: 35.691 ng/ul

RT: 14.904 min Scan# 2009

Delta R.T. -0.000 min

Lab File: BN023776.D

Acq: 24 Jan 2023 14:32

Instrument :

BNA_N

ClientSampleId :

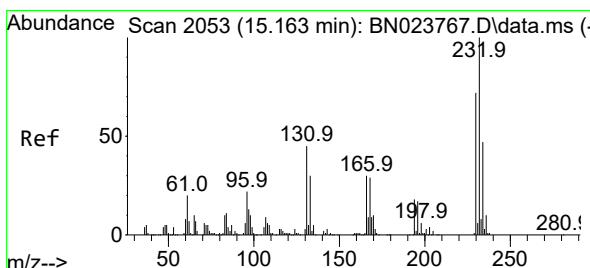
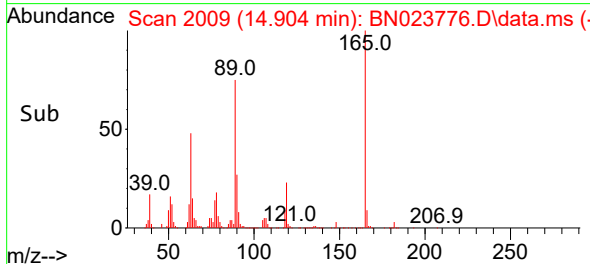
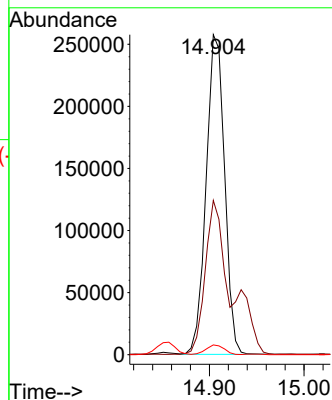
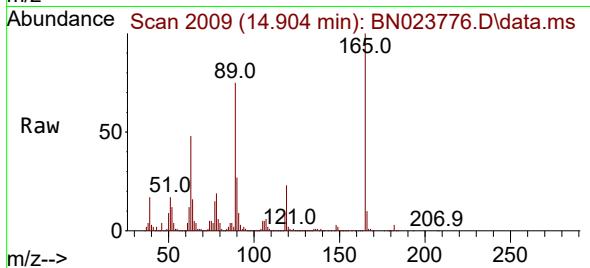
Tgt Ion:165 Resp: 349628

Ion Ratio Lower Upper

165 100

63 48.2 37.2 55.8

182 3.0 2.2 3.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 32.867 ng/ul

RT: 15.163 min Scan# 2053

Delta R.T. -0.000 min

Lab File: BN023776.D

Acq: 24 Jan 2023 14:32

Tgt Ion:232 Resp: 285124

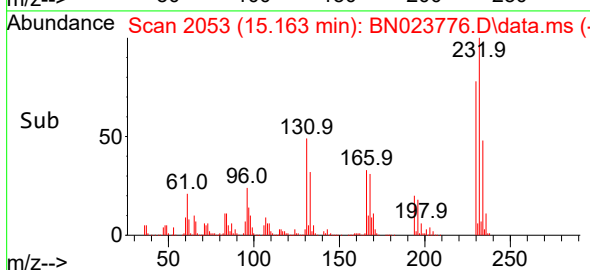
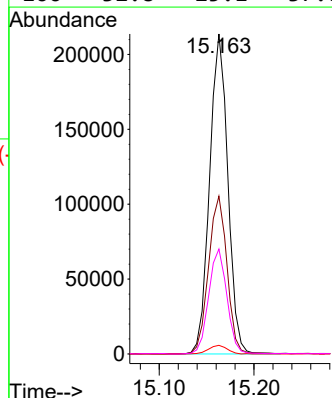
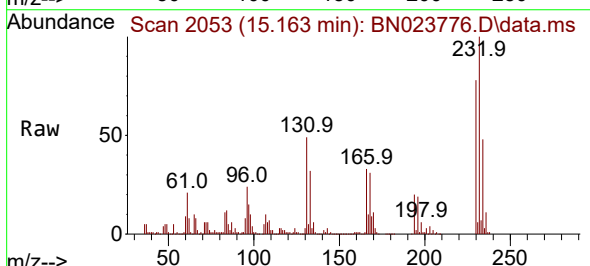
Ion Ratio Lower Upper

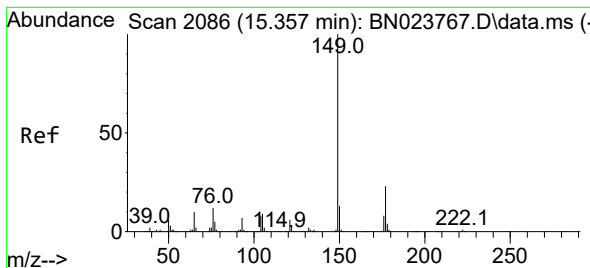
232 100

131 49.3 39.5 59.3

130 2.7 2.2 3.4

166 32.8 25.1 37.7





#59

Diethylphthalate

Concen: 34.041 ng/ul

RT: 15.363 min Scan# 2086

Delta R.T. 0.006 min

Lab File: BN023776.D

Acq: 24 Jan 2023 14:32

Instrument :

BNA_N

ClientSampleId :

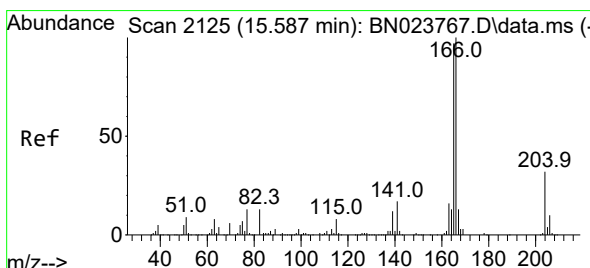
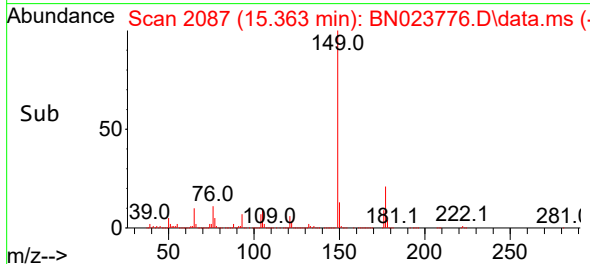
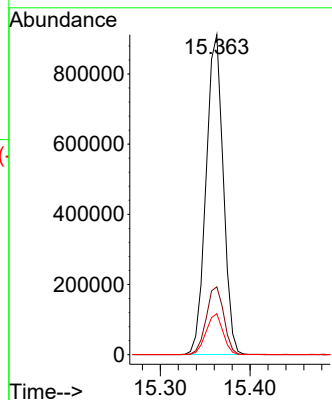
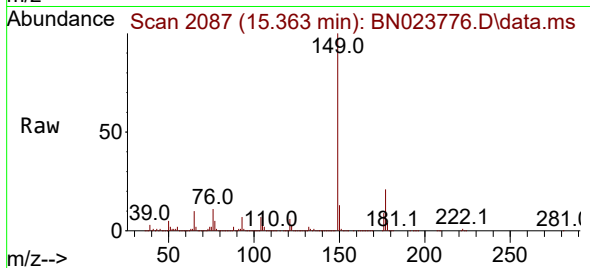
Tgt Ion:149 Resp: 1210366

Ion Ratio Lower Upper

149 100

177 21.2 17.9 26.9

150 12.8 9.9 14.9



#61

Fluorene

Concen: 33.777 ng/ul

RT: 15.586 min Scan# 2125

Delta R.T. -0.000 min

Lab File: BN023776.D

Acq: 24 Jan 2023 14:32

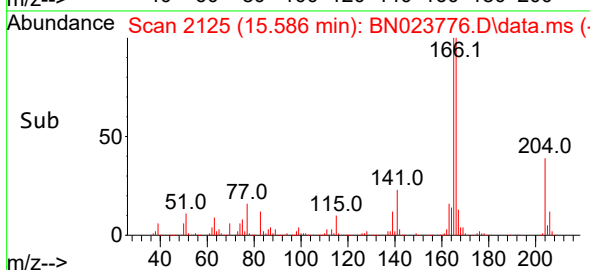
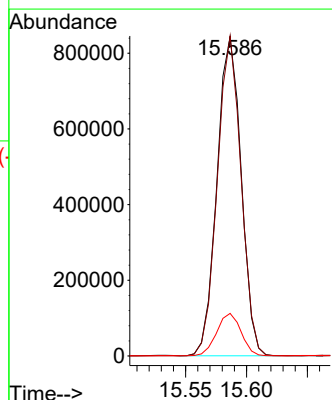
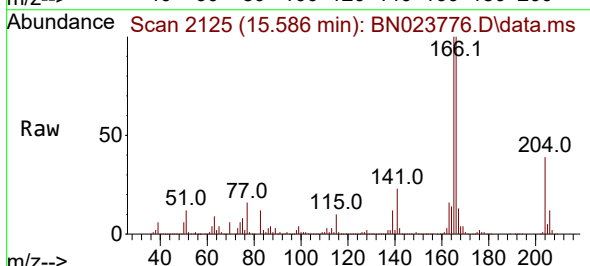
Tgt Ion:166 Resp: 1168078

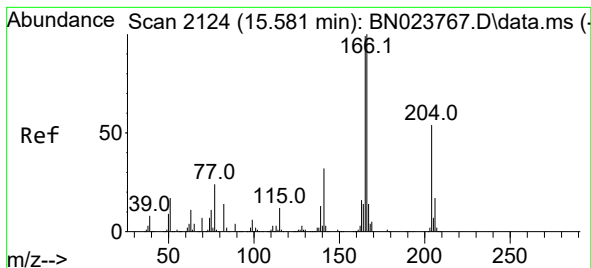
Ion Ratio Lower Upper

166 100

165 100.4 77.8 116.6

167 13.4 10.4 15.6

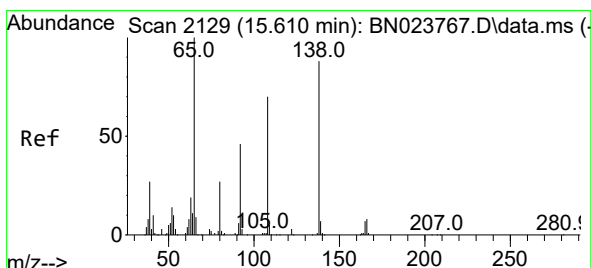
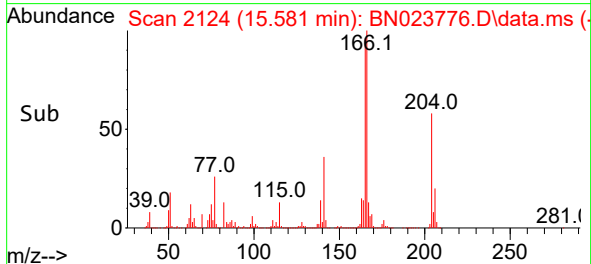
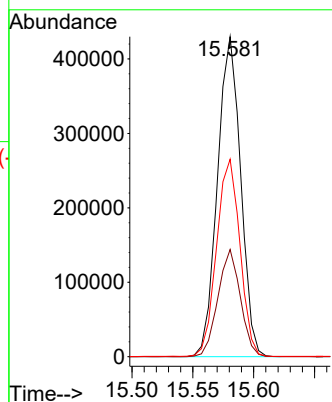
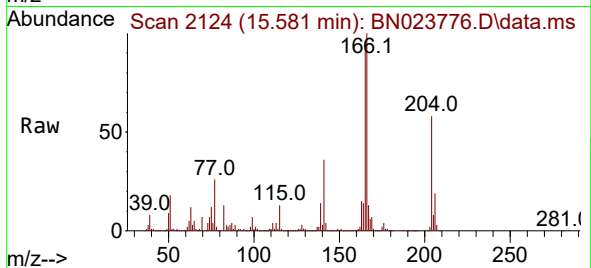




#62
4-Chlorophenyl-phenylether
Concen: 33.888 ng/ul
RT: 15.581 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BN023776.D
Acq: 24 Jan 2023 14:32

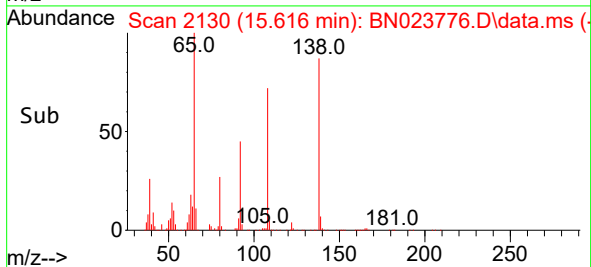
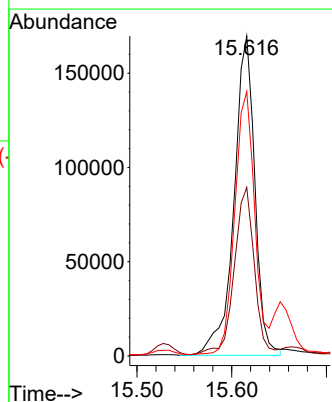
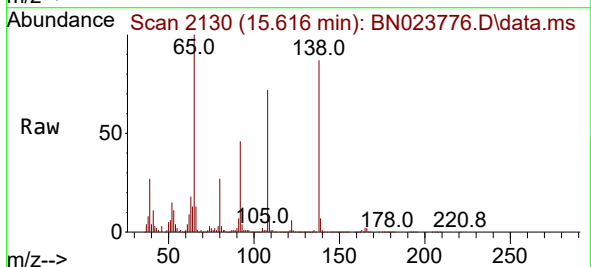
Instrument :
BNA_N
ClientSampleId :

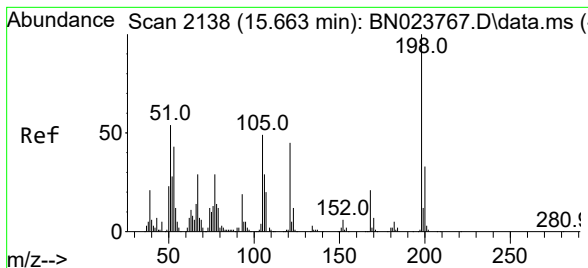
Tgt Ion:204 Resp: 570521
Ion Ratio Lower Upper
204 100
206 33.5 27.0 40.6
141 61.7 51.0 76.4



#63
4-Nitroaniline
Concen: 41.793 ng/ul
RT: 15.616 min Scan# 2130
Delta R.T. 0.006 min
Lab File: BN023776.D
Acq: 24 Jan 2023 14:32

Tgt Ion:138 Resp: 258744
Ion Ratio Lower Upper
138 100
92 52.7 41.3 61.9
108 82.6 64.2 96.2

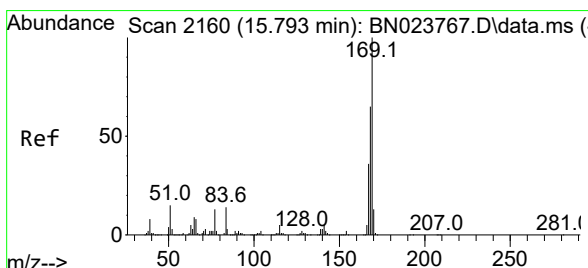
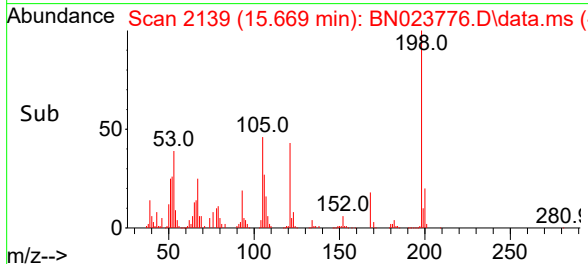
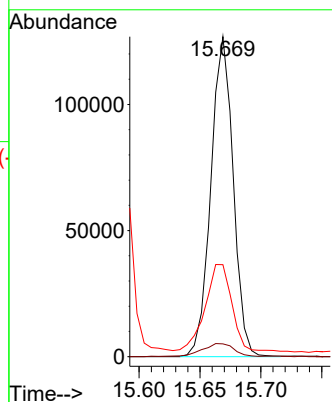
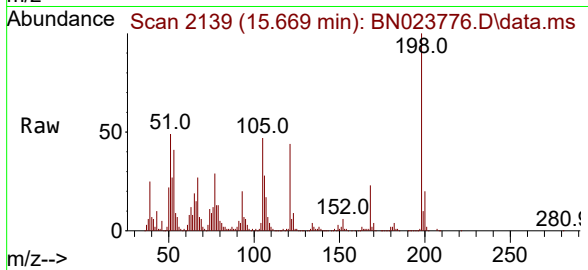




#66
 4,6-Dinitro-2-methylphenol
 Concen: 23.502 ng/ul
 RT: 15.669 min Scan# 2138
 Delta R.T. 0.006 min
 Lab File: BN023776.D
 Acq: 24 Jan 2023 14:32

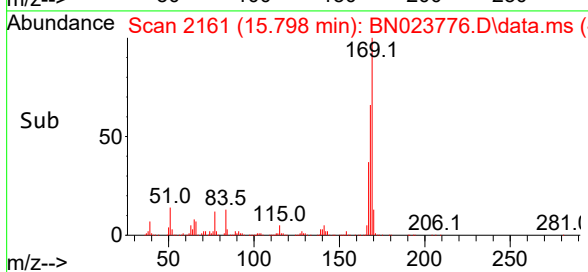
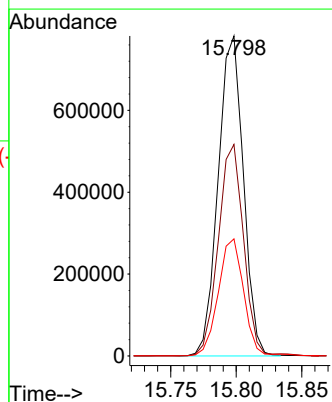
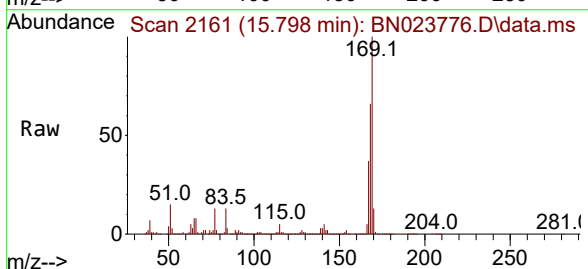
Instrument :
 BNA_N
 ClientSampleId :

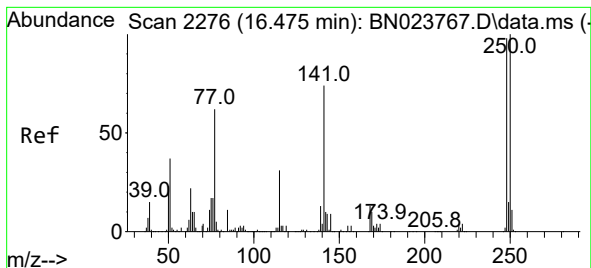
Tgt Ion:198 Resp: 162268
 Ion Ratio Lower Upper
 198 100
 182 4.0 3.6 5.4
 77 28.8 21.2 31.8



#67
 N-Nitrosodiphenylamine
 Concen: 32.073 ng/ul
 RT: 15.798 min Scan# 2161
 Delta R.T. 0.006 min
 Lab File: BN023776.D
 Acq: 24 Jan 2023 14:32

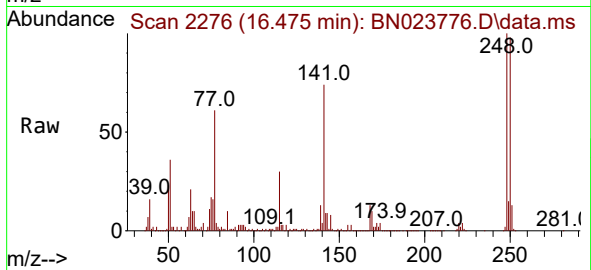
Tgt Ion:169 Resp: 1043889
 Ion Ratio Lower Upper
 169 100
 168 66.1 53.4 80.2
 167 36.6 29.0 43.4



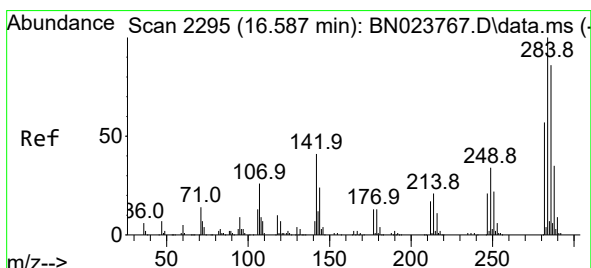
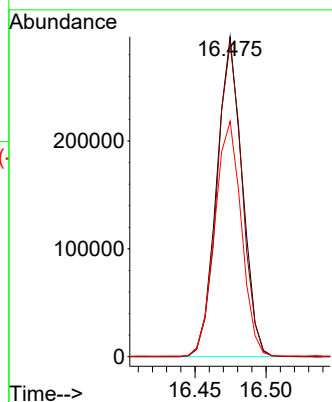
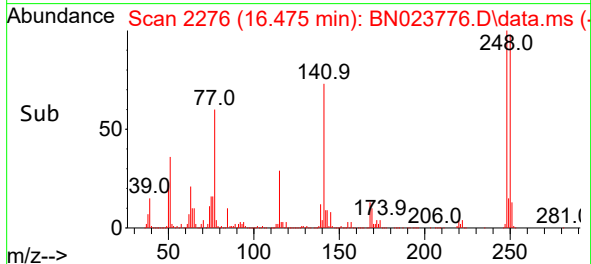


#68
4-Bromophenyl-phenylether
Concen: 31.879 ng/ul
RT: 16.475 min Scan# 2276
Delta R.T. -0.000 min
Lab File: BN023776.D
Acq: 24 Jan 2023 14:32

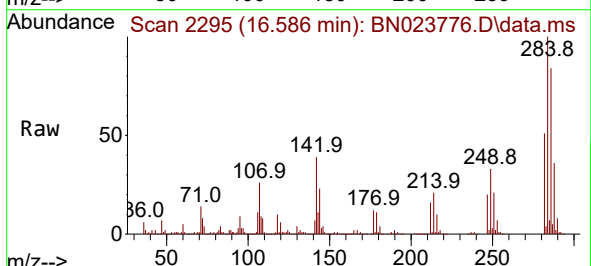
Instrument :
BNA_N
ClientSampleId :



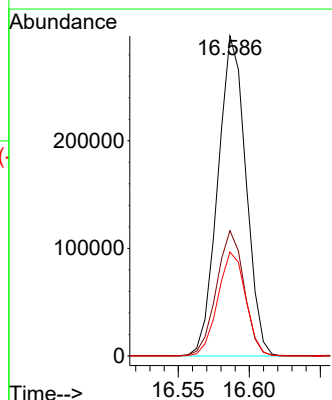
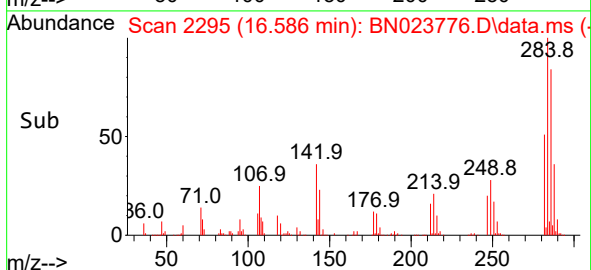
Tgt Ion:248 Resp: 370590
Ion Ratio Lower Upper
248 100
250 97.9 76.4 114.6
141 73.6 58.0 87.0

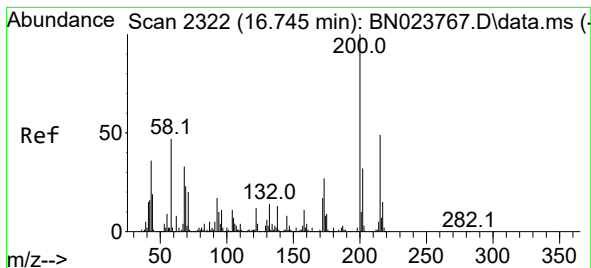


#69
Hexachlorobenzene
Concen: 29.996 ng/ul
RT: 16.586 min Scan# 2295
Delta R.T. -0.000 min
Lab File: BN023776.D
Acq: 24 Jan 2023 14:32



Tgt Ion:284 Resp: 408632
Ion Ratio Lower Upper
284 100
142 39.2 28.9 43.3
249 32.5 24.2 36.2





#70

Atrazine

Concen: 33.789 ng/ul

RT: 16.757 min Scan# 21

Delta R.T. 0.012 min

Lab File: BN023776.D

Acq: 24 Jan 2023 14:32

Instrument :

BNA_N

ClientSampleId :

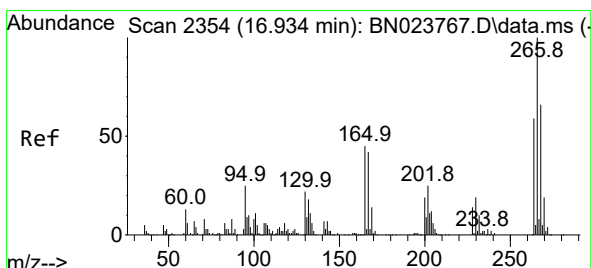
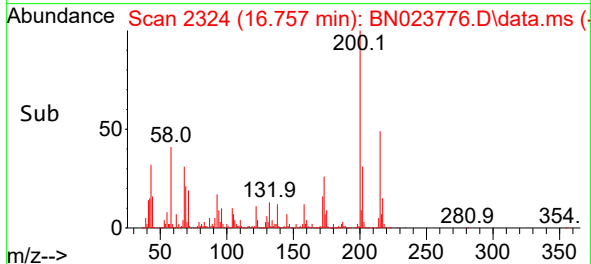
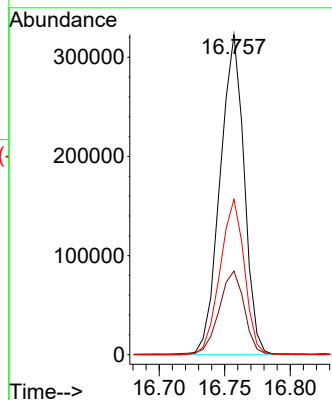
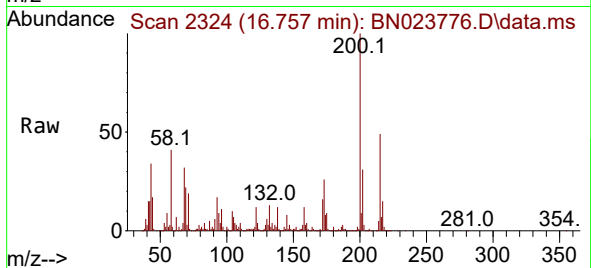
Tgt Ion:200 Resp: 411595

Ion Ratio Lower Upper

200 100

173 26.1 21.4 32.2

215 48.6 39.0 58.6



#71

Pentachlorophenol

Concen: 30.517 ng/ul

RT: 16.933 min Scan# 2354

Delta R.T. -0.000 min

Lab File: BN023776.D

Acq: 24 Jan 2023 14:32

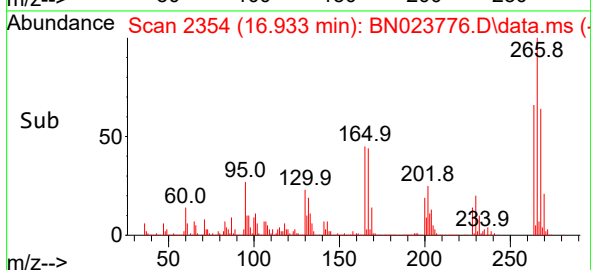
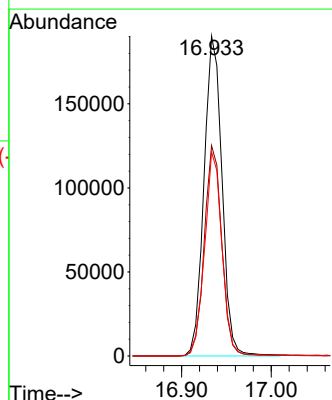
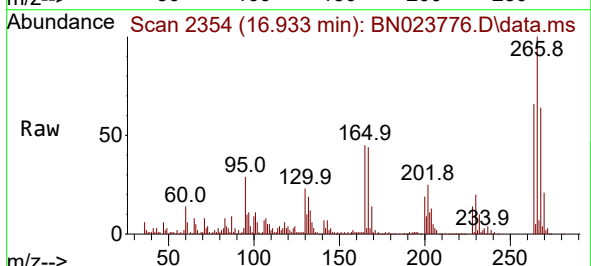
Tgt Ion:266 Resp: 265326

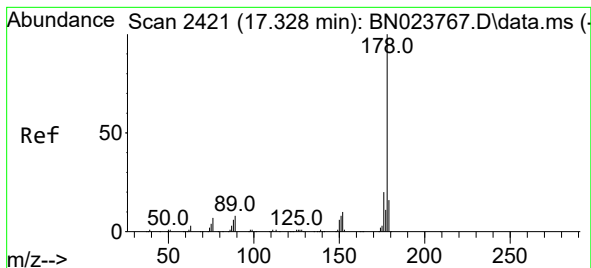
Ion Ratio Lower Upper

266 100

264 65.8 51.4 77.0

268 63.8 54.5 81.7





#72

Phenanthrene

Concen: 30.243 ng/ul

RT: 17.328 min Scan# 2421

Delta R.T. -0.000 min

Lab File: BN023776.D

Acq: 24 Jan 2023 14:32

Instrument :

BNA_N

ClientSampleId :

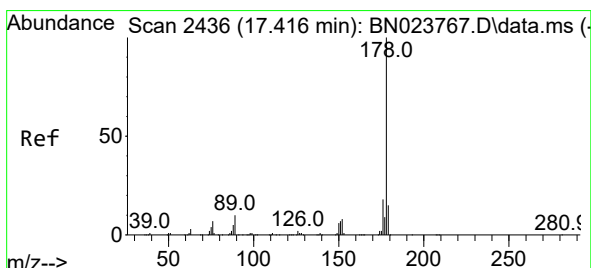
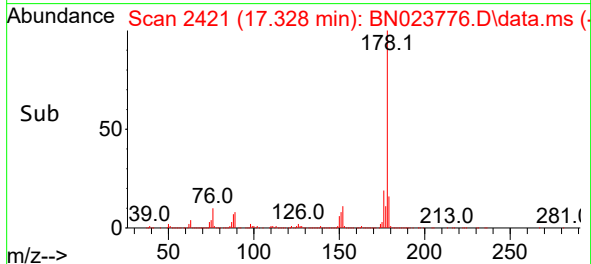
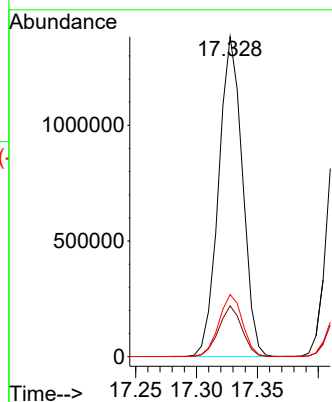
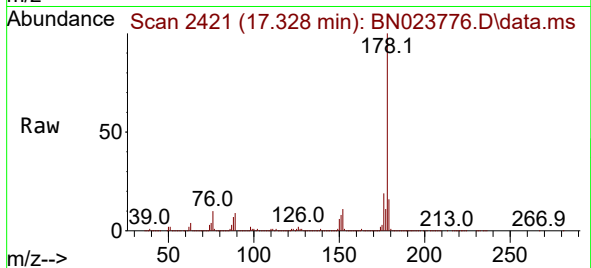
Tgt Ion:178 Resp: 1879386

Ion Ratio Lower Upper

178 100

179 15.9 12.3 18.5

176 19.4 15.2 22.8



#74

Anthracene

Concen: 30.461 ng/ul

RT: 17.422 min Scan# 2437

Delta R.T. 0.006 min

Lab File: BN023776.D

Acq: 24 Jan 2023 14:32

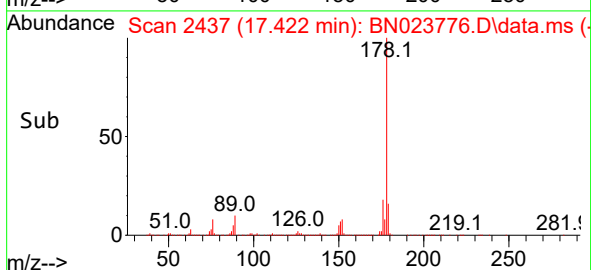
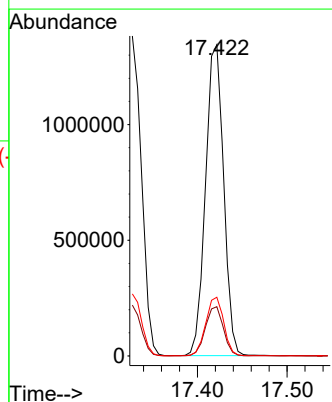
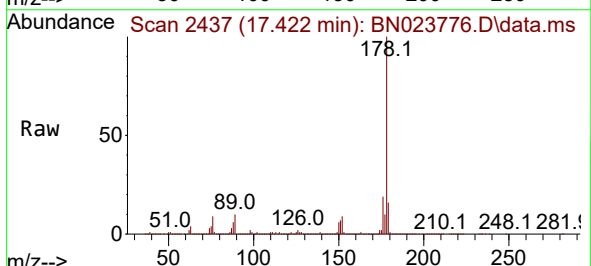
Tgt Ion:178 Resp: 1883903

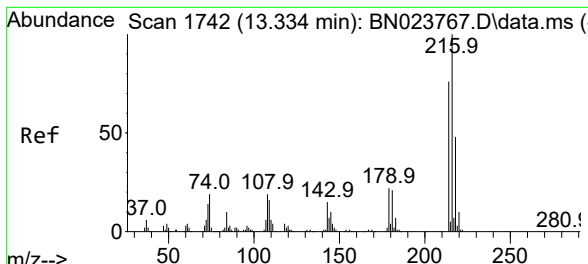
Ion Ratio Lower Upper

178 100

179 15.8 12.6 19.0

176 18.9 15.1 22.7

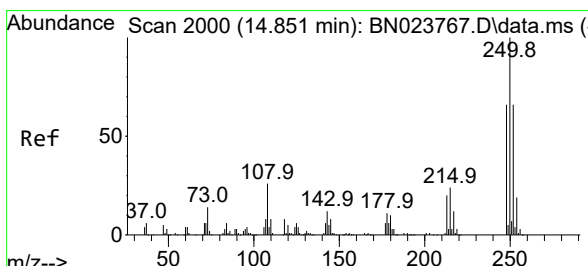
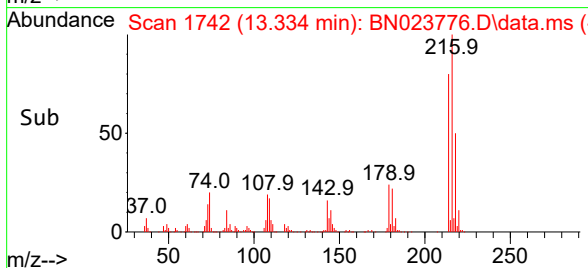
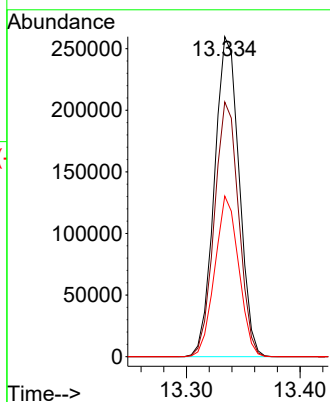
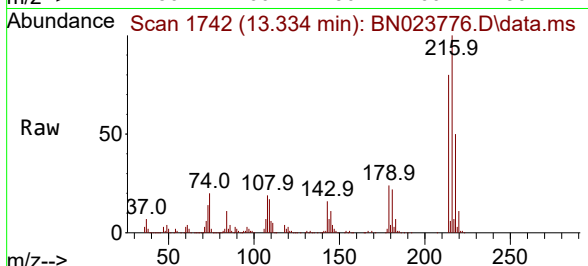




#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 25.155 ng/uL
 RT: 13.334 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN023776.D
 Acq: 24 Jan 2023 14:32

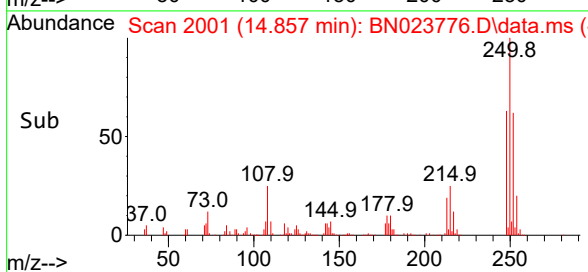
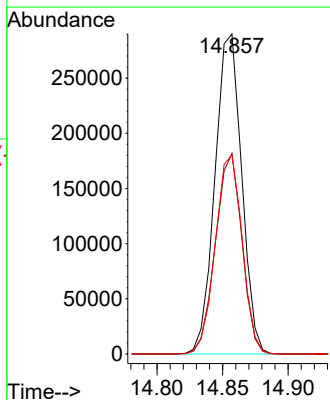
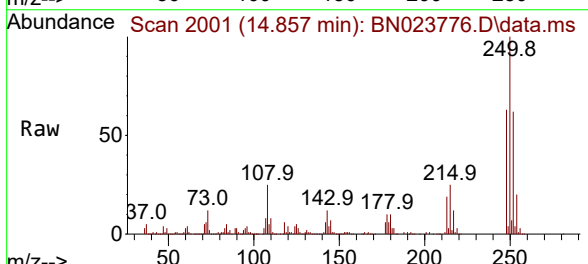
Instrument :
 BNA_N
 ClientSampleId :

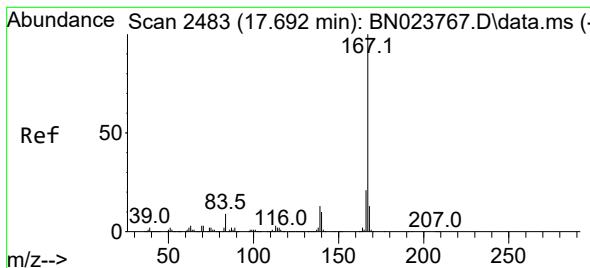
Tgt Ion:	216	Resp:	392776
Ion Ratio	Lower	Upper	
216	100		
214	79.6	61.0	91.4
218	50.2	39.8	59.8



#76
 Pentachlorobenzene
 Concen: 26.322 ng/uL
 RT: 14.857 min Scan# 2001
 Delta R.T. 0.006 min
 Lab File: BN023776.D
 Acq: 24 Jan 2023 14:32

Tgt Ion:	250	Resp:	411683
Ion Ratio	Lower	Upper	
250	100		
248	62.6	50.3	75.5
252	62.2	48.9	73.3





#77

Carbazole

Concen: 33.046 ng/ul

RT: 17.692 min Scan# 2483

Delta R.T. -0.000 min

Lab File: BN023776.D

Acq: 24 Jan 2023 14:32

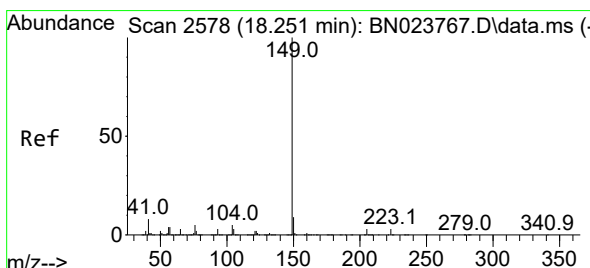
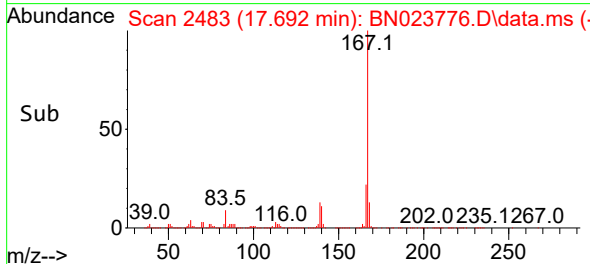
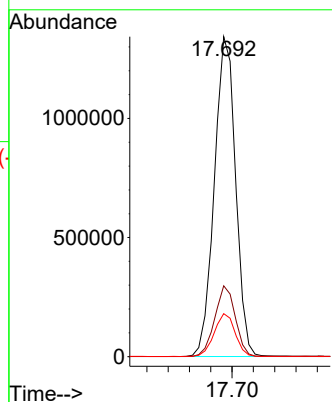
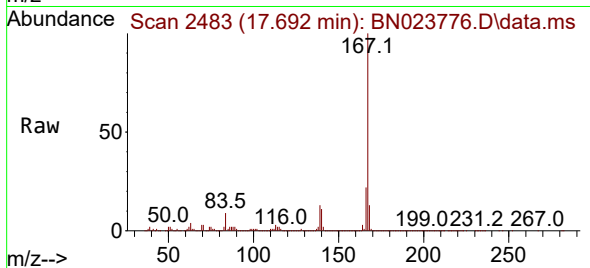
Instrument :

BNA_N

ClientSampleId :

Tgt Ion:167 Resp: 1855767

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.4	26.2
139	13.5	11.0	16.6



#78

Di-n-butylphthalate

Concen: 35.257 ng/ul

RT: 18.257 min Scan# 2579

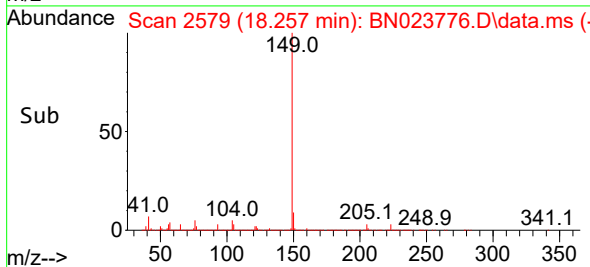
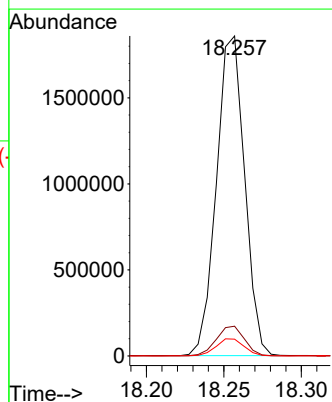
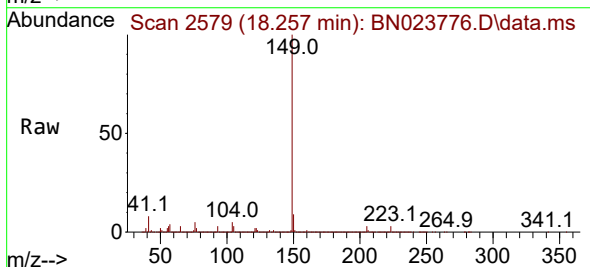
Delta R.T. 0.006 min

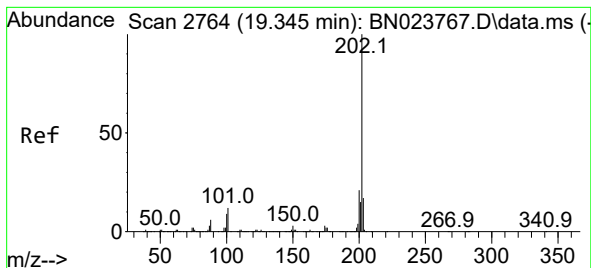
Lab File: BN023776.D

Acq: 24 Jan 2023 14:32

Tgt Ion:149 Resp: 2350741

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	5.2	4.3	6.5





#80

Fluoranthene

Concen: 35.892 ng/ul

RT: 19.345 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN023776.D

Acq: 24 Jan 2023 14:32

Instrument :

BNA_N

ClientSampleId :

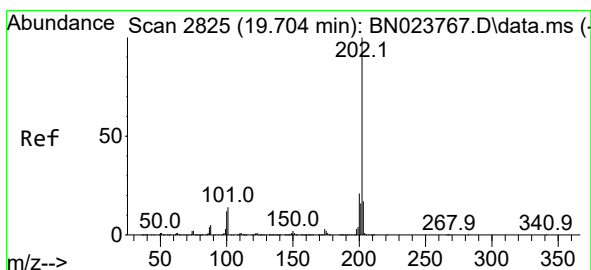
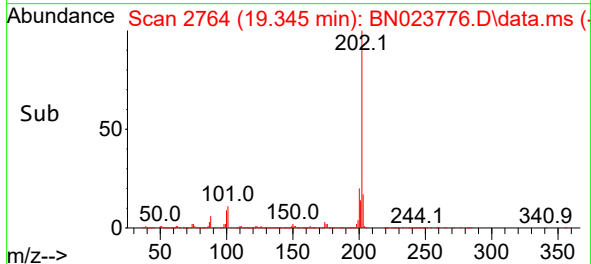
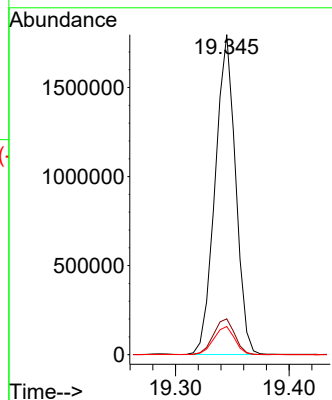
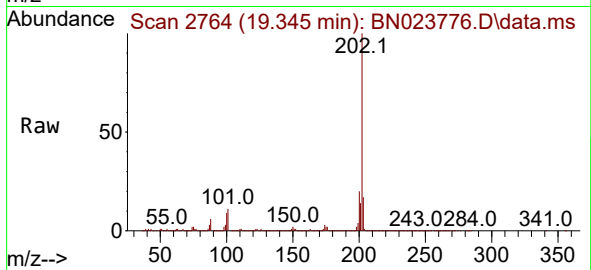
Tgt Ion:202 Resp: 2245374

Ion Ratio Lower Upper

202 100

101 11.2 9.5 14.3

100 8.8 7.3 10.9



#82

Pyrene

Concen: 34.529 ng/ul

RT: 19.710 min Scan# 2826

Delta R.T. 0.006 min

Lab File: BN023776.D

Acq: 24 Jan 2023 14:32

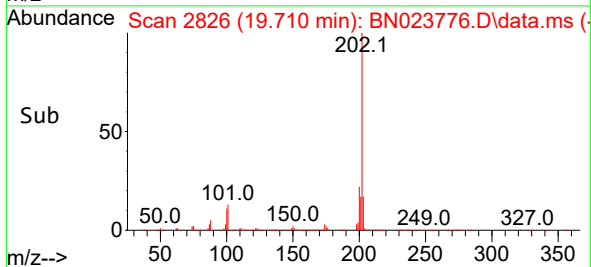
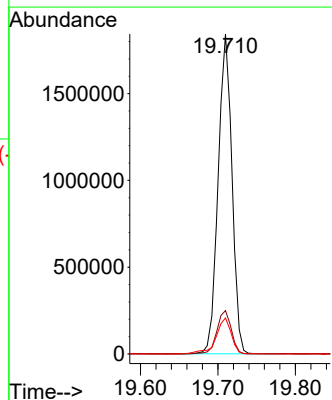
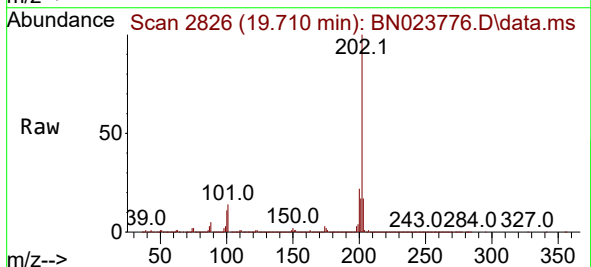
Tgt Ion:202 Resp: 2281591

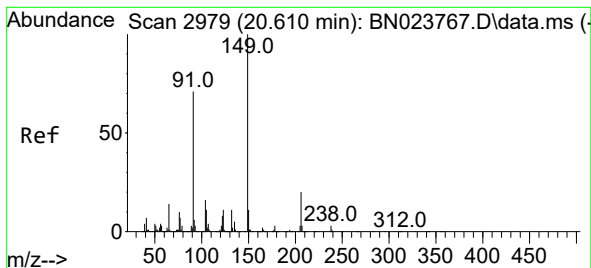
Ion Ratio Lower Upper

202 100

101 13.6 10.9 16.3

100 11.2 8.9 13.3





#83

Butylbenzylphthalate

Concen: 42.220 ng/ul

RT: 20.610 min Scan# 2979

Delta R.T. -0.000 min

Lab File: BN023776.D

Acq: 24 Jan 2023 14:32

Instrument :

BNA_N

ClientSampleId :

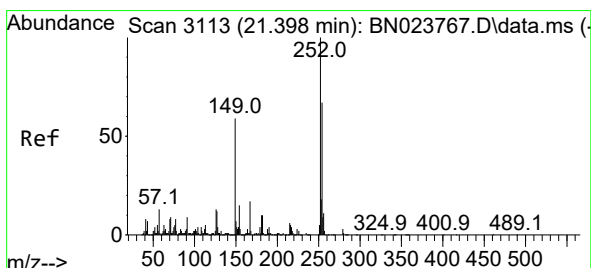
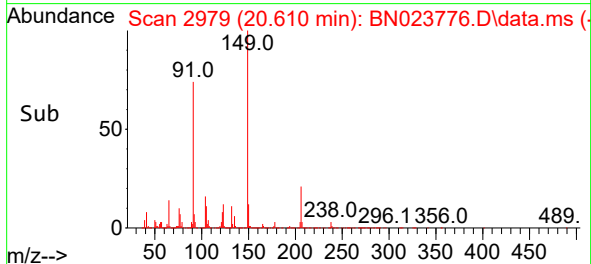
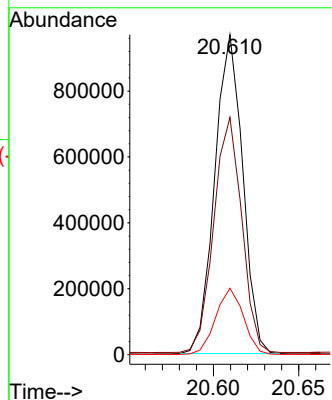
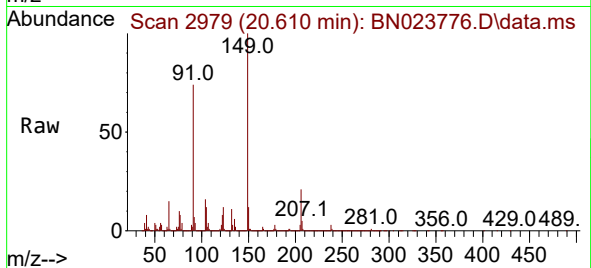
Tgt Ion:149 Resp: 1104467

Ion Ratio Lower Upper

149 100

91 74.1 57.9 86.9

206 20.8 16.8 25.2



#84

3,3'-Dichlorobenzidine

Concen: 6.164 ng/ul

RT: 21.404 min Scan# 3114

Delta R.T. 0.006 min

Lab File: BN023776.D

Acq: 24 Jan 2023 14:32

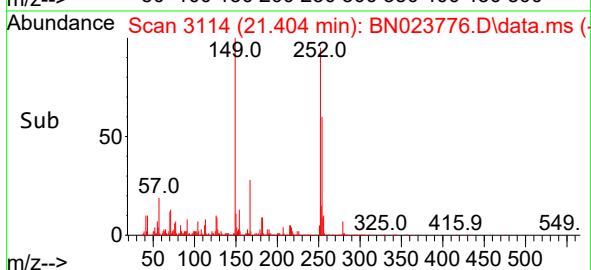
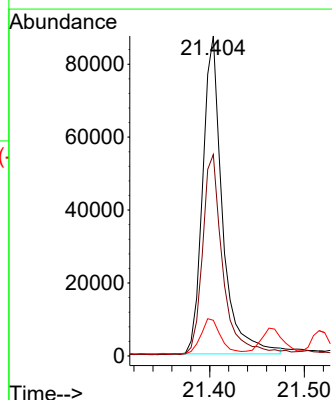
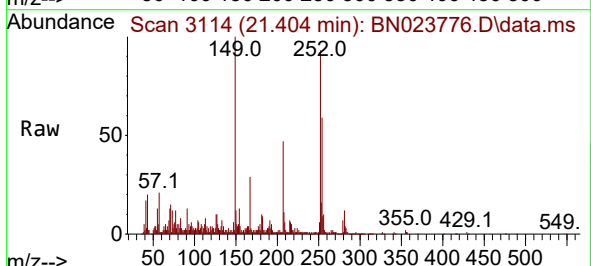
Tgt Ion:252 Resp: 125919

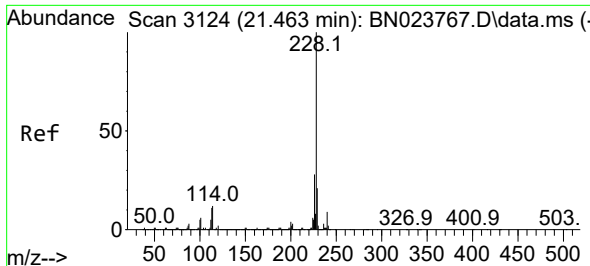
Ion Ratio Lower Upper

252 100

254 62.9 51.2 76.8

126 11.1 8.8 13.2

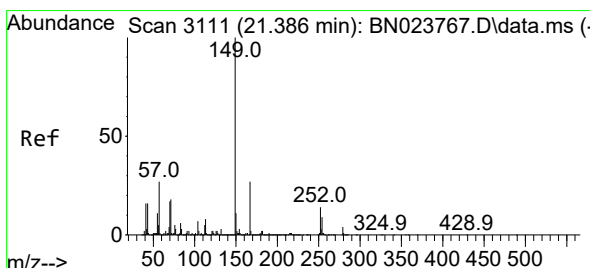
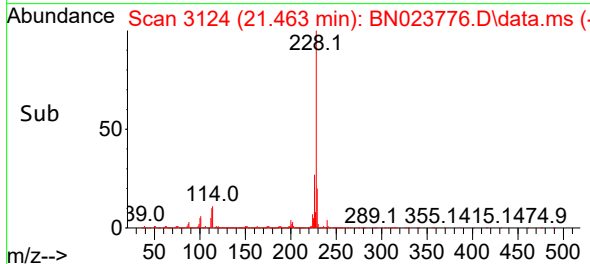
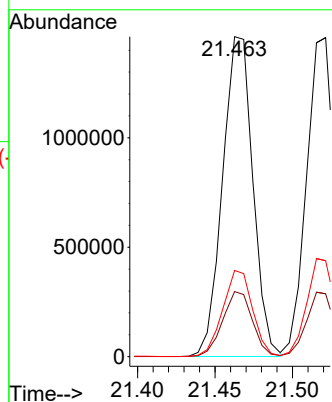
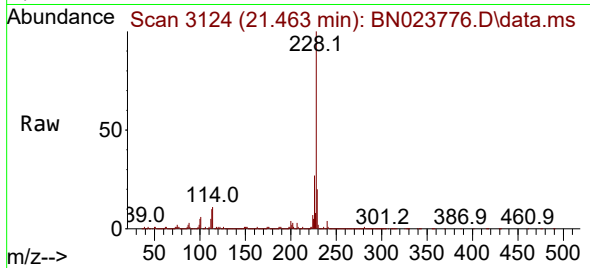




#85
Benzo(a)anthracene
Concen: 31.388 ng/ul
RT: 21.463 min Scan# 3124
Delta R.T. -0.000 min
Lab File: BN023776.D
Acq: 24 Jan 2023 14:32

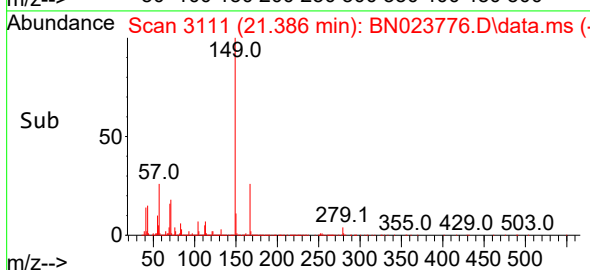
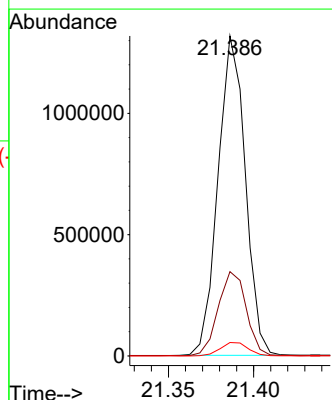
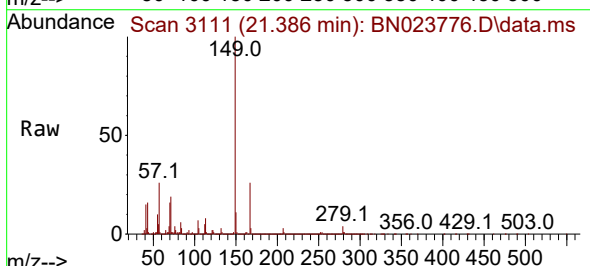
Instrument :
BNA_N
ClientSampleId :

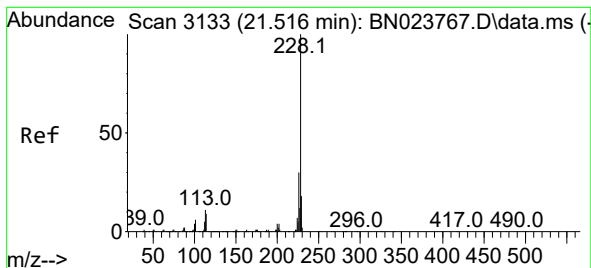
Tgt Ion:228 Resp: 1988437
Ion Ratio Lower Upper
228 100
229 20.4 15.0 22.4
226 27.0 22.1 33.1



#86
Bis(2-ethylhexyl)phthalate
Concen: 38.597 ng/ul
RT: 21.386 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BN023776.D
Acq: 24 Jan 2023 14:32

Tgt Ion:149 Resp: 1466013
Ion Ratio Lower Upper
149 100
167 26.3 22.0 33.0
279 4.2 3.4 5.2





#87

Chrysene

Concen: 31.135 ng/ul

RT: 21.521 min Scan# 3133

Delta R.T. 0.006 min

Lab File: BN023776.D

Acq: 24 Jan 2023 14:32

Instrument :

BNA_N

ClientSampleId :

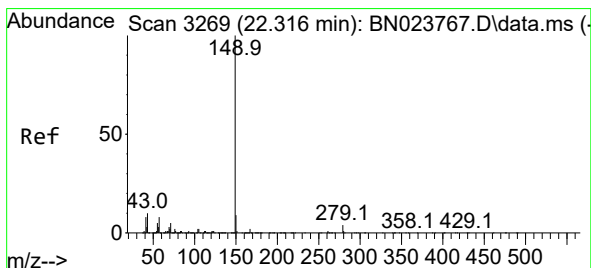
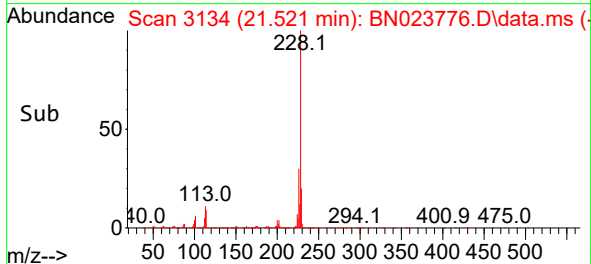
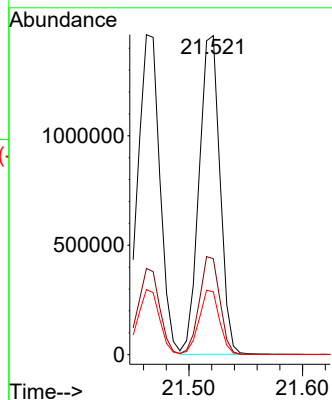
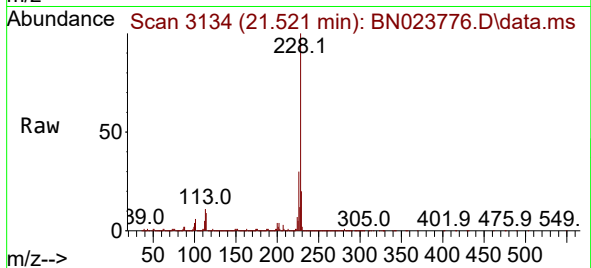
Tgt Ion:228 Resp: 1849324

Ion Ratio Lower Upper

228 100

226 30.1 24.6 37.0

229 19.7 16.8 25.2



#89

Di-n-octyl phthalate

Concen: 36.939 ng/ul

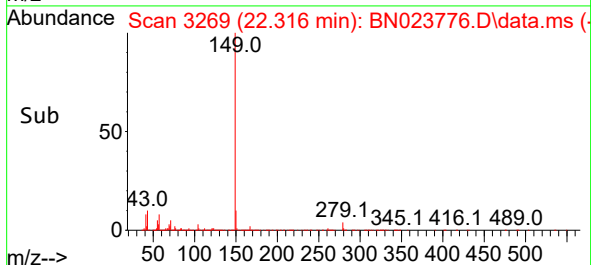
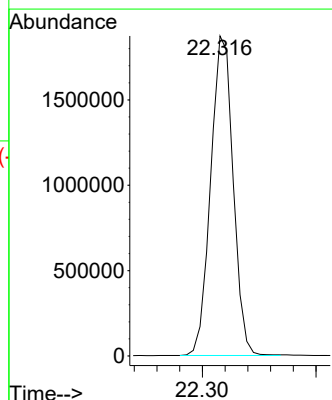
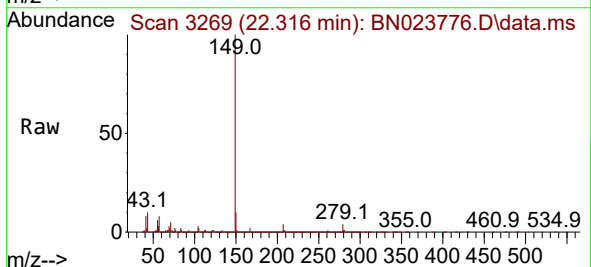
RT: 22.316 min Scan# 3269

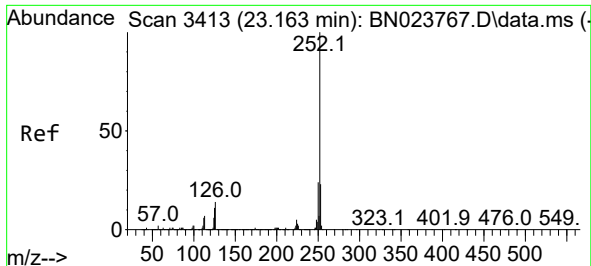
Delta R.T. -0.000 min

Lab File: BN023776.D

Acq: 24 Jan 2023 14:32

Tgt Ion:149 Resp: 2567718

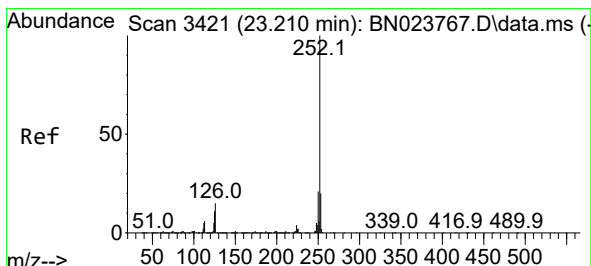
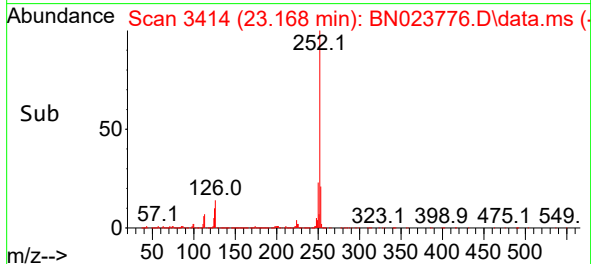
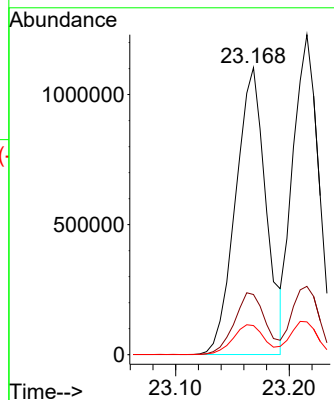
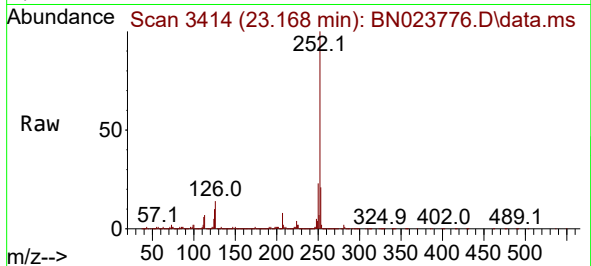




#90
Benzo(b)fluoranthene
Concen: 31.979 ng/ul
RT: 23.168 min Scan# 3413
Delta R.T. 0.006 min
Lab File: BN023776.D
Acq: 24 Jan 2023 14:32

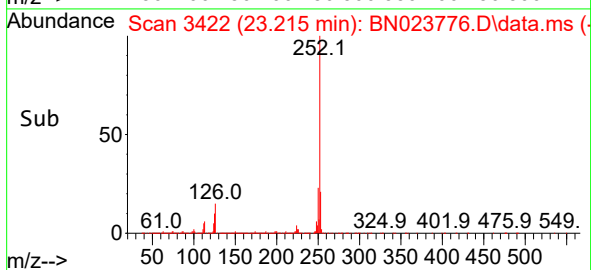
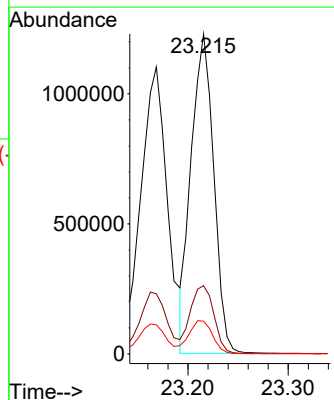
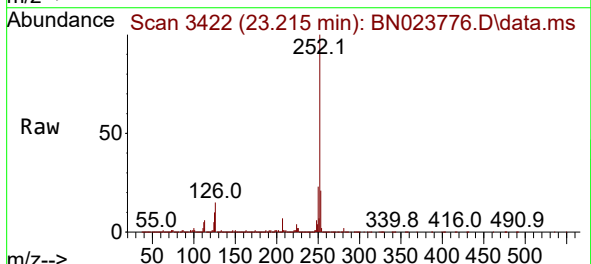
Instrument :
BNA_N
ClientSampleId :

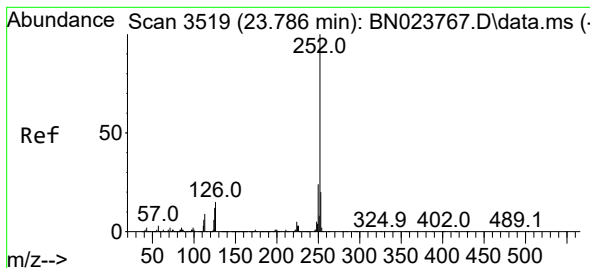
Tgt Ion:252 Resp: 2051668
Ion Ratio Lower Upper
252 100
253 21.0 17.2 25.8
125 10.2 8.6 13.0



#91
Benzo(k)fluoranthene
Concen: 30.303 ng/ul
RT: 23.215 min Scan# 3422
Delta R.T. 0.006 min
Lab File: BN023776.D
Acq: 24 Jan 2023 14:32

Tgt Ion:252 Resp: 1922968
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.8
125 10.3 8.6 12.8





#93

Benzo(a)pyrene

Concen: 30.448 ng/ul

RT: 23.792 min Scan# 3520

Delta R.T. 0.006 min

Lab File: BN023776.D

Acq: 24 Jan 2023 14:32

Instrument :

BNA_N

ClientSampleId :

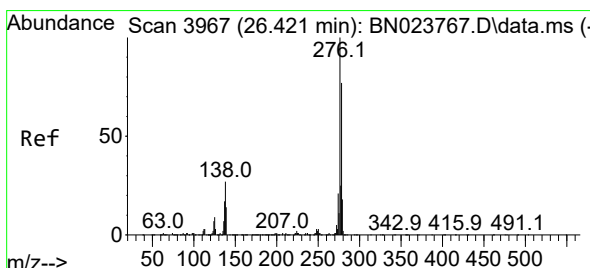
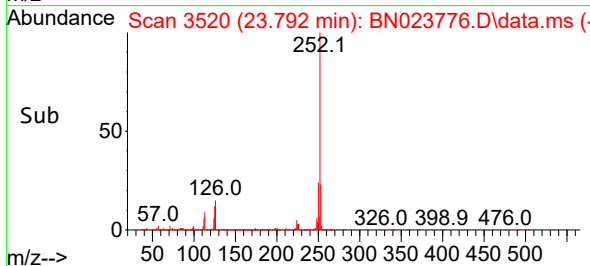
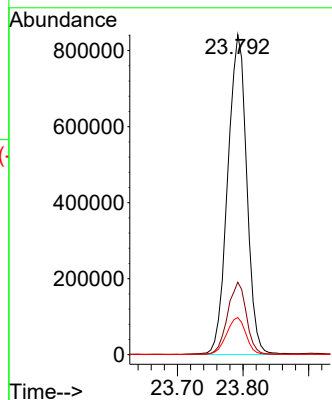
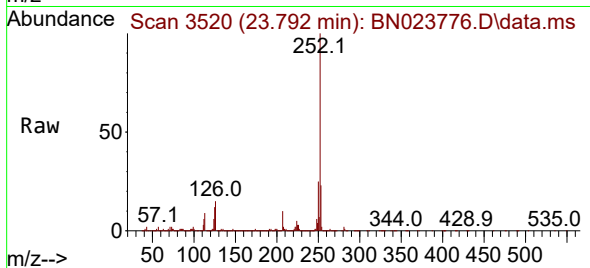
Tgt Ion:252 Resp: 1694148

Ion Ratio Lower Upper

252 100

253 22.7 16.6 25.0

125 11.6 9.8 14.6



#94

Indeno(1,2,3-cd)pyrene

Concen: 29.122 ng/ul

RT: 26.421 min Scan# 3967

Delta R.T. -0.000 min

Lab File: BN023776.D

Acq: 24 Jan 2023 14:32

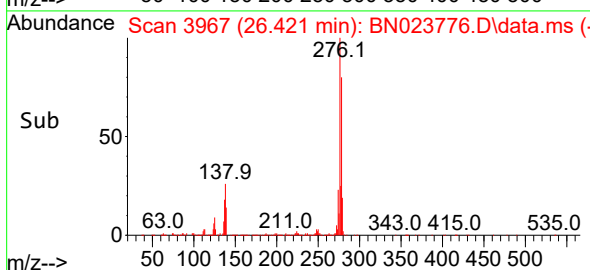
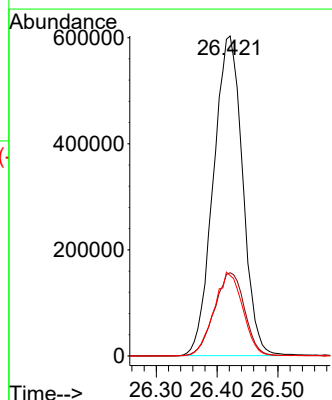
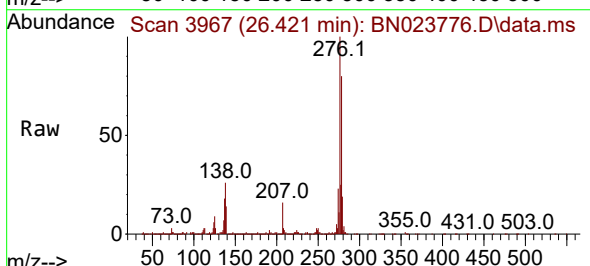
Tgt Ion:276 Resp: 2002536

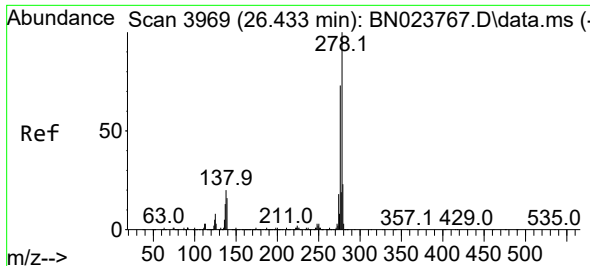
Ion Ratio Lower Upper

276 100

138 26.0 20.6 30.8

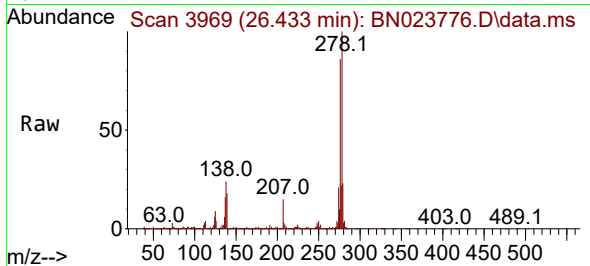
277 25.2 18.9 28.3





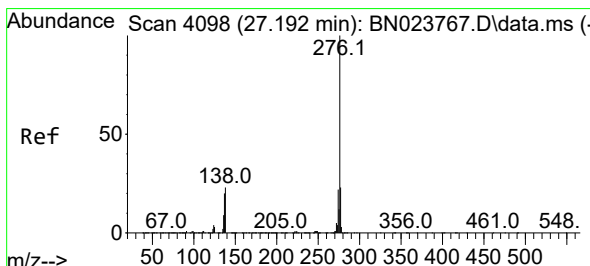
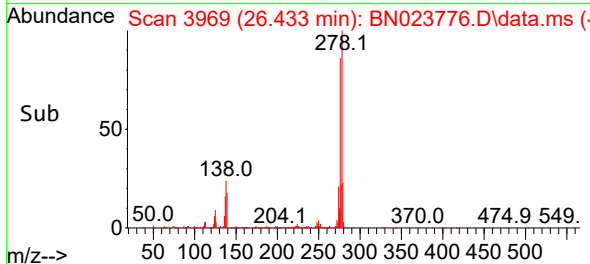
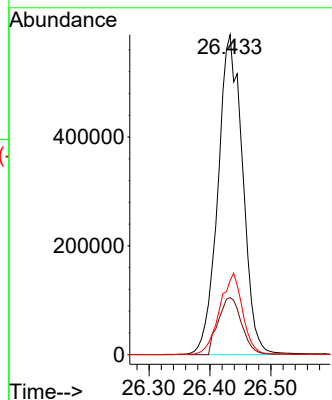
#95
 Dibenzo(a,h)anthracene
 Concen: 29.028 ng/ul
 RT: 26.433 min Scan# 3969
 Delta R.T. -0.000 min
 Lab File: BN023776.D
 Acq: 24 Jan 2023 14:32

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:278 Resp: 1650499

Ion	Ratio	Lower	Upper
278	100		
139	17.8	14.1	21.1
279	23.2	18.0	27.0



#96
 Benzo(g,h,i)perylene
 Concen: 29.298 ng/ul
 RT: 27.192 min Scan# 4098
 Delta R.T. -0.000 min
 Lab File: BN023776.D
 Acq: 24 Jan 2023 14:32

Tgt Ion:276 Resp: 1604433

Ion	Ratio	Lower	Upper
276	100		
138	23.7	17.0	25.6
277	25.4	17.6	26.4

