

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012323\
 Data File : BN023782.D
 Acq On : 24 Jan 2023 18:14
 Operator : CG/JU
 Sample : PB150410BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 24 23:58:34 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	226839	20.000	ng/ul	0.00
20) Naphthalene-d8	10.698	136	960912	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.539	164	584351	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.286	188	1118894	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	1178261	20.000	ng/ul	0.00
88) Perylene-d12	23.904	264	1226549	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	26353	4.999	ng/uL	0.00
4) Pyridine-d5	3.693	84	360323	22.782	ng/ul	0.00
7) Phenol-d5	7.052	99	502883	25.014	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	308175	24.987	ng/ul	0.00
11) 2-Chlorophenol-d4	7.416	132	405486	26.335	ng/ul	0.00
15) 4-Methylphenol-d8	8.604	113	399771	24.913	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	198978	27.460	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	221624	28.893	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	387166	26.462	ng/ul	0.00
31) 4-Chloroaniline-d4	10.840	131	498142	21.645	ng/ul	0.00
46) Dimethylphthalate-d6	13.951	166	1142007	26.272	ng/ul	0.00
49) Acenaphthylene-d8	14.234	160	1282450	26.627	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	224865	25.410	ng/ul	0.00
60) Fluorene-d10	15.528	176	912600	24.570	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	191155	28.320	ng/ul	0.00
73) Anthracene-d10	17.386	188	1297248	25.909	ng/ul	0.00
81) Pyrene-d10	19.680	212	1569527	23.292	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.739	264	1634218	26.942	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	51038	9.172	ng/uL	98
5) Pyridine	3.711	79	359542	22.207	ng/ul	97
6) Benzaldehyde	7.028	77	285067	36.613	ng/ul	100
8) Phenol	7.081	94	499727	24.419	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.310	93	394185	24.378	ng/ul	99
12) 2-Chlorophenol	7.452	128	399986	25.138	ng/ul	98
13) 2-Methylphenol	8.340	108	370128	24.033	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.422	45	530567	24.534	ng/ul	98
16) Acetophenone	8.722	105	592749	23.900	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.704	70	312859	25.054	ng/ul	99
18) 4-Methylphenol	8.669	108	407650	24.036	ng/ul	98
19) Hexachloroethane	8.969	117	163276	25.657	ng/ul	96
22) Nitrobenzene	9.099	77	460688	25.403	ng/ul	99
23) Isophorone	9.628	82	868305	26.474	ng/ul	99
25) 2-Nitrophenol	9.816	139	227421	26.673	ng/ul	98
26) 2,4-Dimethylphenol	9.875	107	437072	25.259	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.110	93	533250	25.066	ng/ul	100
29) 2,4-Dichlorophenol	10.346	162	373720	25.528	ng/ul	97
30) Naphthalene	10.751	128	1261290	24.417	ng/ul	99
32) 4-Chloroaniline	10.863	127	477179	20.703	ng/ul	98
33) Hexachlorobutadiene	11.028	225	229696	25.367	ng/ul	100
34) Caprolactam	11.651	113	84886	17.264	ng/ul	98
35) 4-Chloro-3-methylphenol	11.993	107	414891	25.991	ng/ul	99
36) 2-Methylnaphthalene	12.363	142	841649	24.442	ng/ul	95

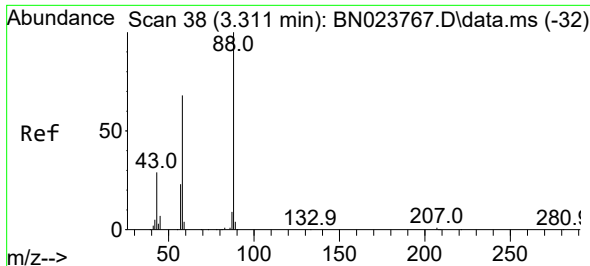
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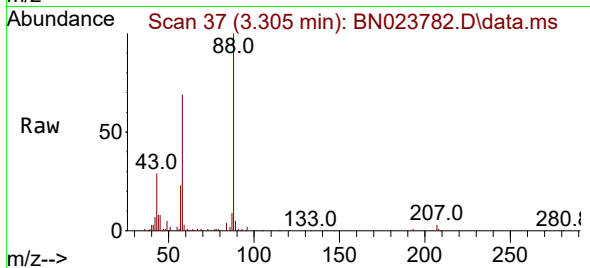
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.581	142	854246	24.282	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.728	216	440230	25.473	ng/ul	99
40) Hexachlorocyclopentadiene	12.704	237	276062	25.344	ng/ul	99
41) 2,4,6-Trichlorophenol	12.969	196	297137	26.083	ng/ul	98
42) 2,4,5-Trichlorophenol	13.045	196	327276	26.269	ng/ul	93
43) 1,1'-Biphenyl	13.369	154	1106490	24.544	ng/ul	99
44) 2-Chloronaphthalene	13.416	162	867803	24.811	ng/ul	99
45) 2-Nitroaniline	13.628	65	277334	28.752	ng/ul	99
47) Dimethylphthalate	13.998	163	1102506	25.241	ng/ul	99
48) 2,6-Dinitrotoluene	14.122	165	229853	27.835	ng/ul	99
50) Acenaphthylene	14.263	152	1341271	25.045	ng/ul	99
51) 3-Nitroaniline	14.451	138	223216	26.975	ng/ul	100
52) Acenaphthene	14.604	153	934579	24.753	ng/ul	99
53) 2,4-Dinitrophenol	14.657	184	119674	22.174	ng/ul	97
55) 4-Nitrophenol	14.757	109	175365	24.539	ng/ul	98
56) Dibenzofuran	14.934	168	1284555	24.443	ng/ul	97
57) 2,4-Dinitrotoluene	14.904	165	333159	27.637	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.163	232	277573	26.001	ng/ul	99
59) Diethylphthalate	15.363	149	1147395	26.223	ng/ul	98
61) Fluorene	15.586	166	999643	23.489	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.581	204	490845	23.692	ng/ul	100
63) 4-Nitroaniline	15.616	138	233474	30.645	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.669	198	186052	27.931	ng/ul	99
67) N-Nitrosodiphenylamine	15.798	169	814871	25.951	ng/ul	99
68) 4-Bromophenyl-phenylether	16.475	248	297418	26.519	ng/ul	95
69) Hexachlorobenzene	16.586	284	356628	27.135	ng/ul	97
70) Atrazine	16.751	200	336303	28.617	ng/ul	99
71) Pentachlorophenol	16.933	266	227753	27.153	ng/ul	98
72) Phenanthrene	17.328	178	1503995	25.086	ng/ul	100
74) Anthracene	17.422	178	1493281	25.027	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.334	216	428606	28.452	ng/ul	96
76) Pentachlorobenzene	14.857	250	427405	28.325	ng/ul	97
77) Carbazole	17.692	167	1414786	26.114	ng/ul	99
78) Di-n-butylphthalate	18.251	149	1837250	28.563	ng/ul	100
80) Fluoranthene	19.345	202	1814635	23.023	ng/ul	97
82) Pyrene	19.710	202	1856765	22.304	ng/ul	99
83) Butylbenzylphthalate	20.610	149	979727	29.726	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.398	252	664423	25.814	ng/ul#	95
85) Benzo(a)anthracene	21.463	228	2068027	25.911	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.386	149	1440481	30.102	ng/ul	99
87) Chrysene	21.516	228	1897179	25.352	ng/ul	98
89) Di-n-octyl phthalate	22.316	149	2468566	29.161	ng/ul	100
90) Benzo(b)fluoranthene	23.163	252	2085235	26.689	ng/ul	99
91) Benzo(k)fluoranthene	23.210	252	1983125	25.662	ng/ul	99
93) Benzo(a)pyrene	23.792	252	1742634	25.718	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.409	276	2013286	24.042	ng/ul	99
95) Dibenzo(a,h)anthracene	26.433	278	1681775	24.289	ng/ul	98
96) Benzo(g,h,i)perylene	27.192	276	1604894	24.065	ng/ul	98

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

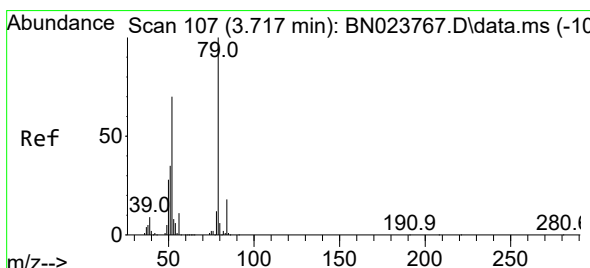
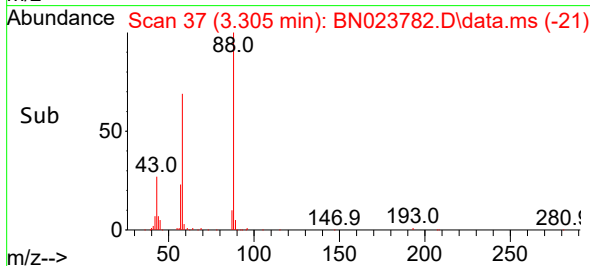
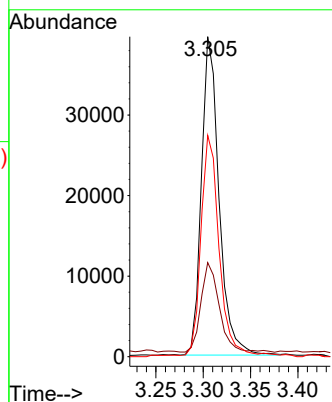


#2
 1,4-Dioxane
 Concen: 9.172 ng/uL
 RT: 3.305 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BN023782.D
 Acq: 24 Jan 2023 18:14

Instrument :
 BNA_N
 ClientSampleId :

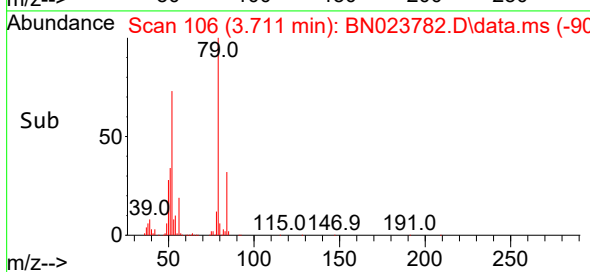
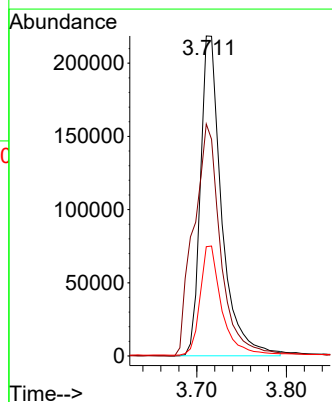
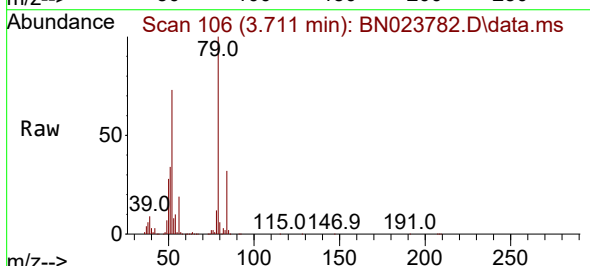


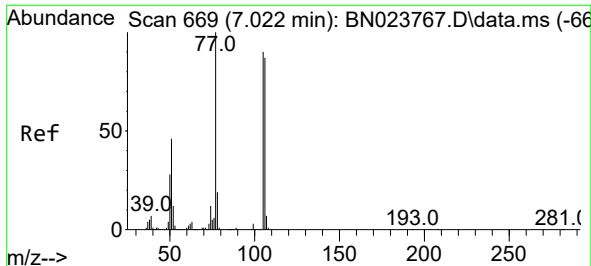
Tgt Ion: 88 Resp: 51038
 Ion Ratio Lower Upper
 88 100
 43 29.4 24.6 36.8
 58 69.2 56.2 84.4



#5
 Pyridine
 Concen: 22.207 ng/uL
 RT: 3.711 min Scan# 106
 Delta R.T. -0.006 min
 Lab File: BN023782.D
 Acq: 24 Jan 2023 18:14

Tgt Ion: 79 Resp: 359542
 Ion Ratio Lower Upper
 79 100
 52 72.5 59.9 89.9
 51 34.2 28.6 42.8

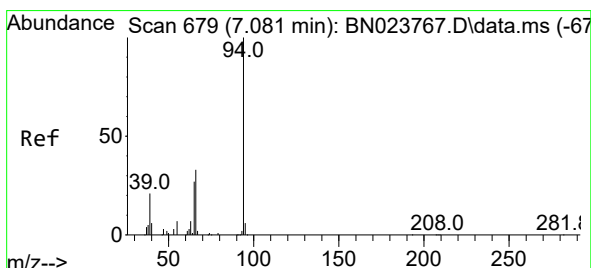
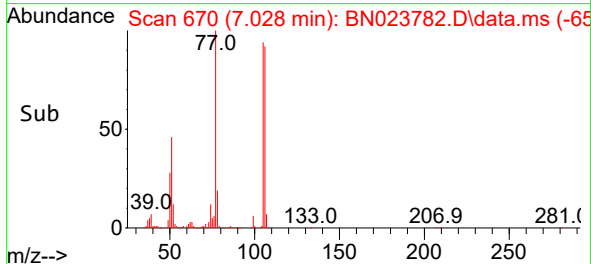
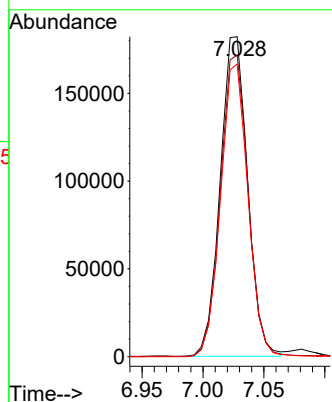
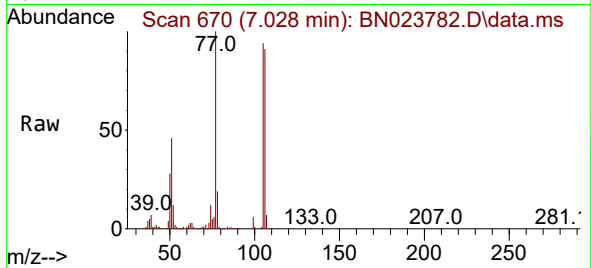




#6
Benzaldehyde
Concen: 36.613 ng/ul
RT: 7.028 min Scan# 61
Delta R.T. 0.006 min
Lab File: BN023782.D
Acq: 24 Jan 2023 18:14

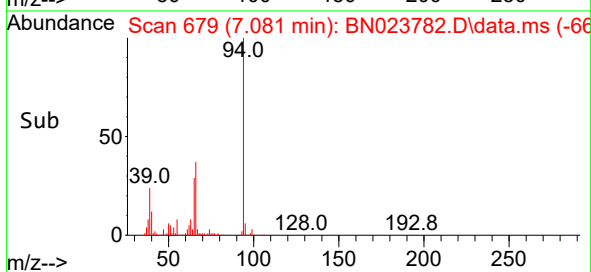
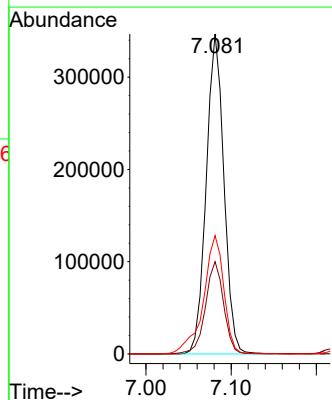
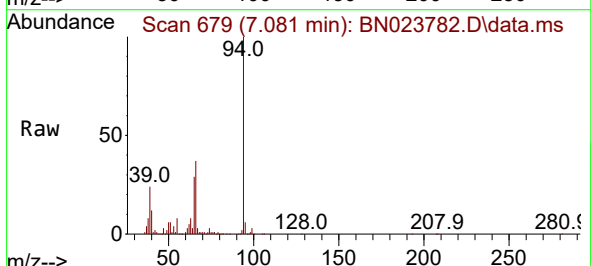
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BNA_N
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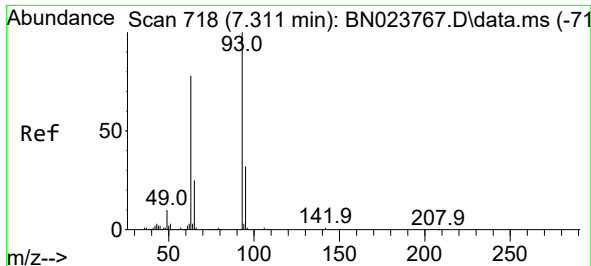
Tgt Ion: 77 Resp: 285067
Ion Ratio Lower Upper
77 100
105 94.2 75.1 112.7
106 91.5 72.8 109.2



#8
Phenol
Concen: 24.419 ng/ul
RT: 7.081 min Scan# 679
Delta R.T. -0.000 min
Lab File: BN023782.D
Acq: 24 Jan 2023 18:14

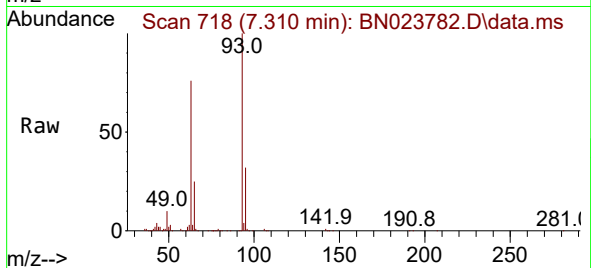
Tgt Ion: 94 Resp: 499727
Ion Ratio Lower Upper
94 100
65 28.8 23.7 35.5
66 37.0 29.9 44.9



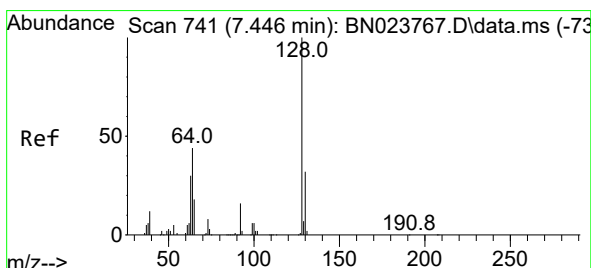
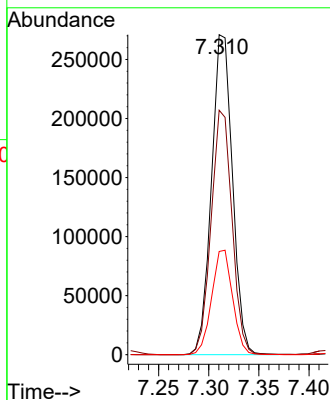
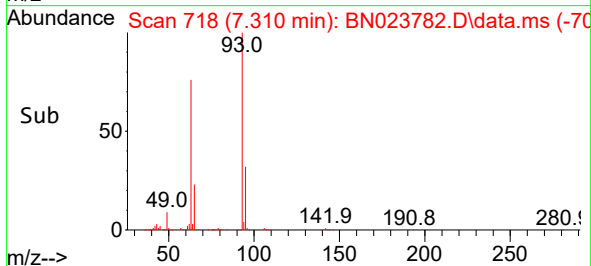


#10
Bis(2-Chloroethyl)ether
Concen: 24.378 ng/ul
RT: 7.310 min Scan# 718
Delta R.T. -0.000 min
Lab File: BN023782.D
Acq: 24 Jan 2023 18:14

Instrument :
BNA_N
ClientSampleId :

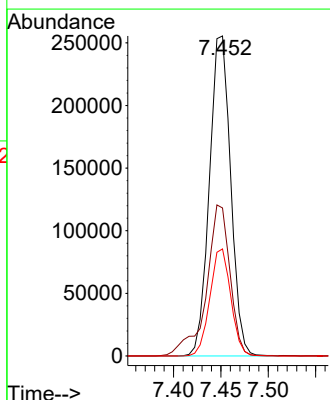
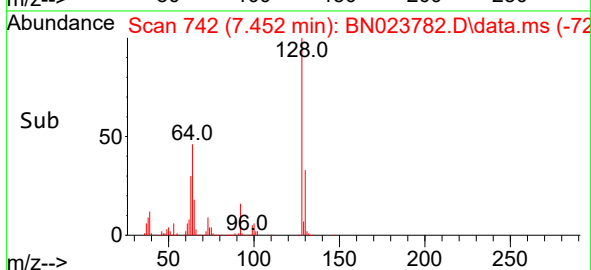
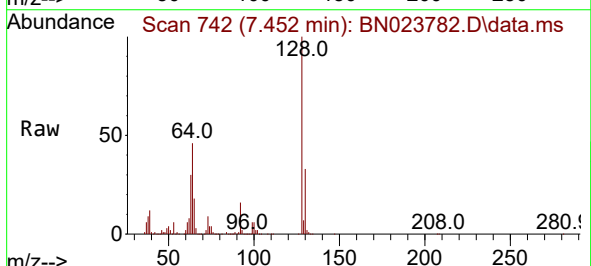


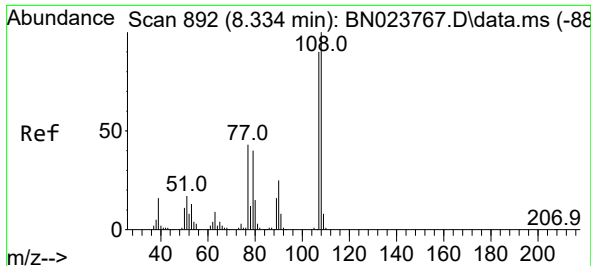
Tgt Ion: 93 Resp: 394185
Ion Ratio Lower Upper
93 100
63 76.4 61.2 91.8
95 32.2 26.6 40.0



#12
2-Chlorophenol
Concen: 25.138 ng/ul
RT: 7.452 min Scan# 742
Delta R.T. 0.006 min
Lab File: BN023782.D
Acq: 24 Jan 2023 18:14

Tgt Ion:128 Resp: 399986
Ion Ratio Lower Upper
128 100
64 46.2 37.4 56.2
130 33.4 25.6 38.4





#13

2-Methylphenol

Concen: 24.033 ng/ul

RT: 8.340 min Scan# 892

Delta R.T. 0.006 min

Lab File: BN023782.D

Acq: 24 Jan 2023 18:14

Instrument :

BNA_N

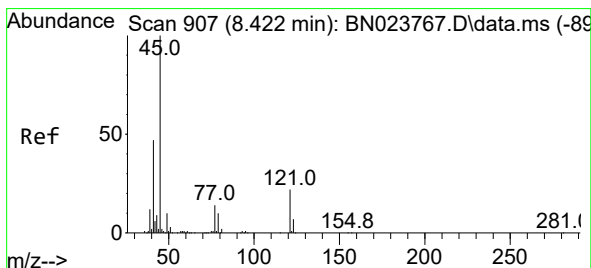
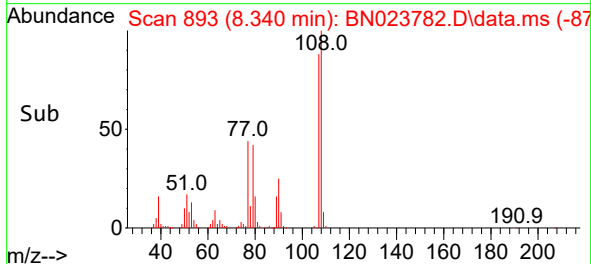
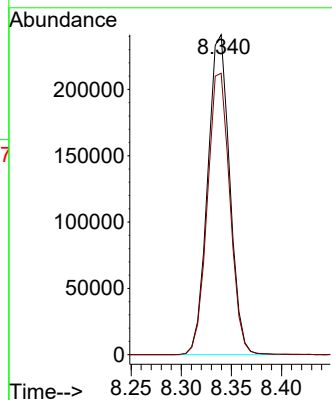
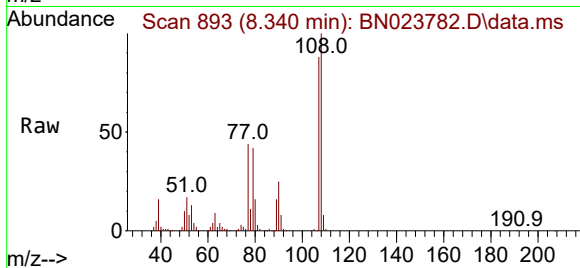
ClientSampleId :

Tgt Ion:108 Resp: 370128

Ion Ratio Lower Upper

108 100

107 87.9 72.3 108.5



#14

2,2'-oxybis(1-Chloropropane)

Concen: 24.534 ng/ul

RT: 8.422 min Scan# 907

Delta R.T. -0.000 min

Lab File: BN023782.D

Acq: 24 Jan 2023 18:14

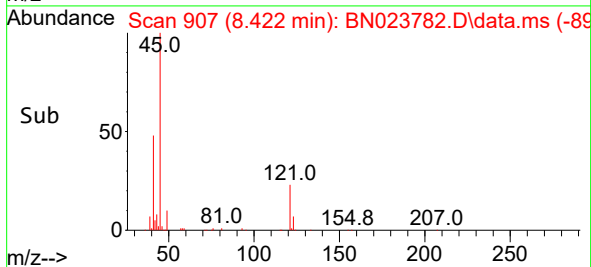
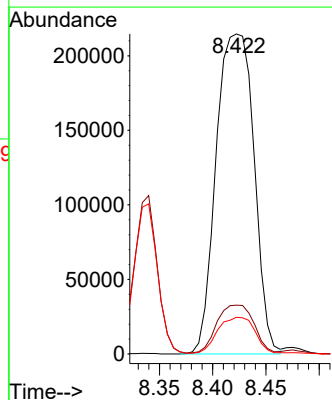
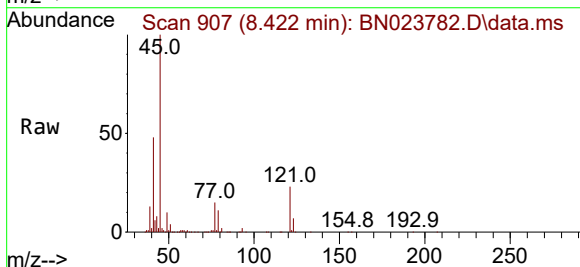
Tgt Ion: 45 Resp: 530567

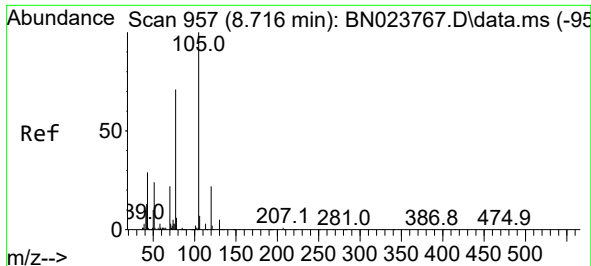
Ion Ratio Lower Upper

45 100

77 15.3 11.4 17.2

79 11.4 8.8 13.2

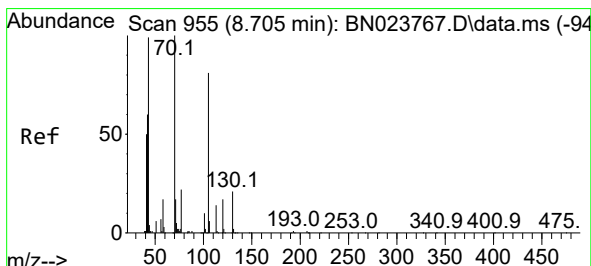
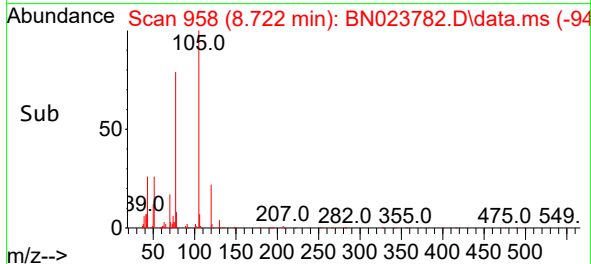
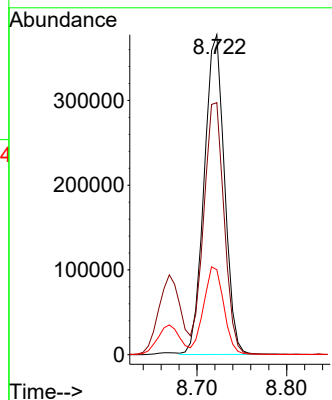
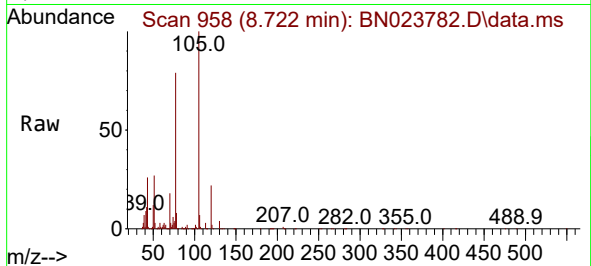




#16
Acetophenone
Concen: 23.900 ng/ul
RT: 8.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: BN023782.D
Acq: 24 Jan 2023 18:14

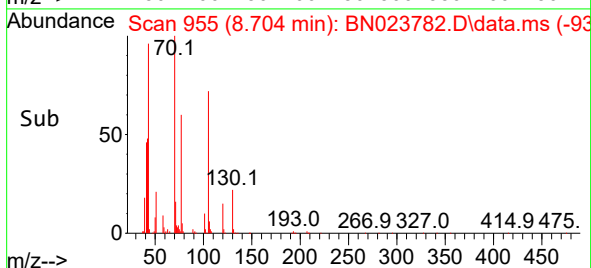
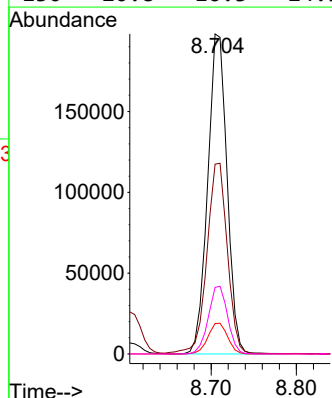
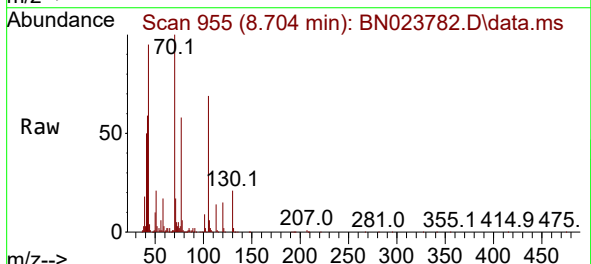
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ClientSampleId :

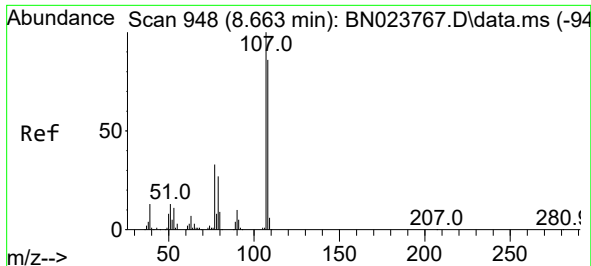
Tgt Ion:105 Resp: 592749
Ion Ratio Lower Upper
105 100
77 78.8 64.2 96.2
51 26.5 22.0 33.0



#17
N-Nitroso-di-n-propylamine
Concen: 25.054 ng/ul
RT: 8.704 min Scan# 955
Delta R.T. -0.000 min
Lab File: BN023782.D
Acq: 24 Jan 2023 18:14

Tgt Ion: 70 Resp: 312859
Ion Ratio Lower Upper
70 100
42 59.3 47.8 71.6
101 9.5 7.8 11.6
130 20.8 16.3 24.5

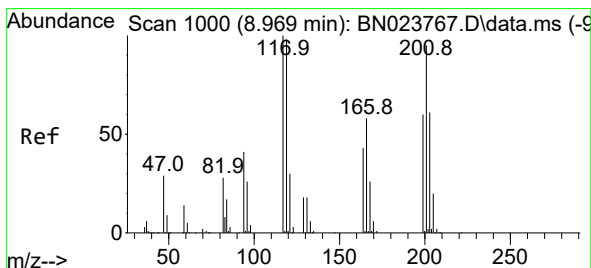
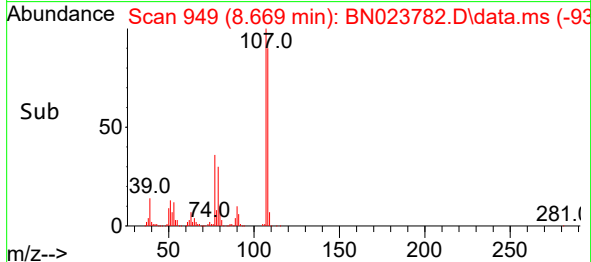
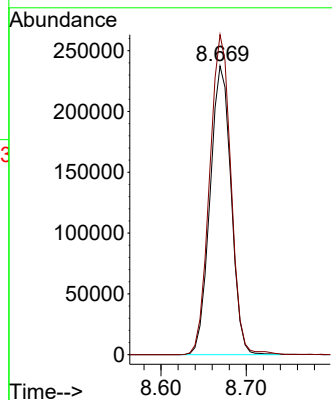
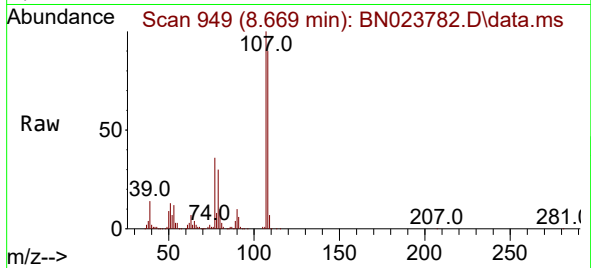




#18
4-Methylphenol
Concen: 24.036 ng/ul
RT: 8.669 min Scan# 948
Delta R.T. 0.006 min
Lab File: BN023782.D
Acq: 24 Jan 2023 18:14

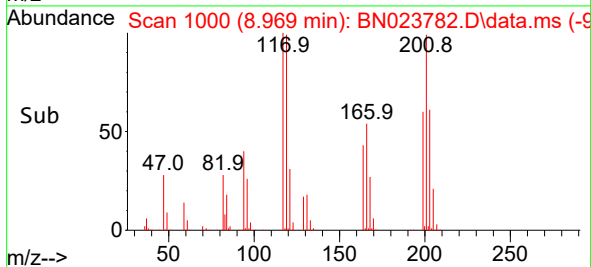
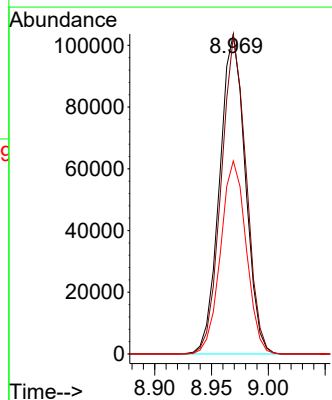
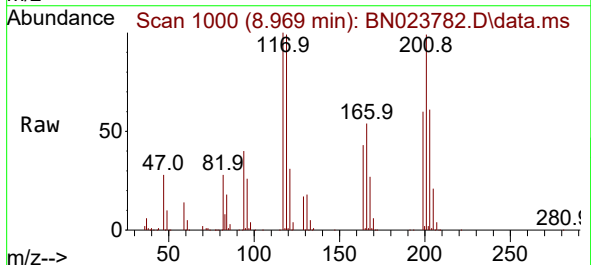
Instrument :
BNA_N
ClientSampleId :

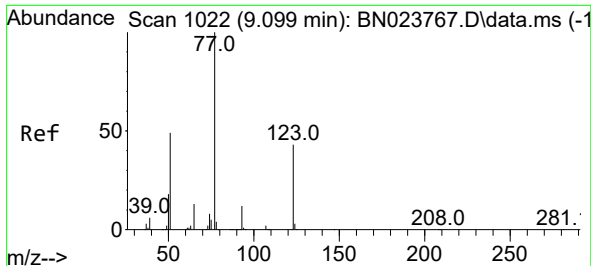
Tgt Ion:108 Resp: 407650
Ion Ratio Lower Upper
108 100
107 110.9 90.7 136.1



#19
Hexachloroethane
Concen: 25.657 ng/ul
RT: 8.969 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BN023782.D
Acq: 24 Jan 2023 18:14

Tgt Ion:117 Resp: 163276
Ion Ratio Lower Upper
117 100
201 99.5 76.9 115.3
199 60.3 44.6 67.0

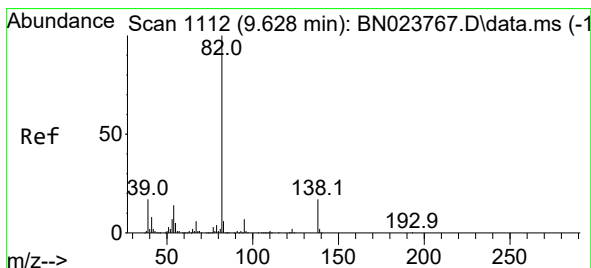
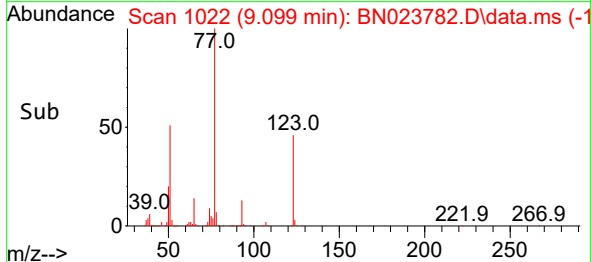
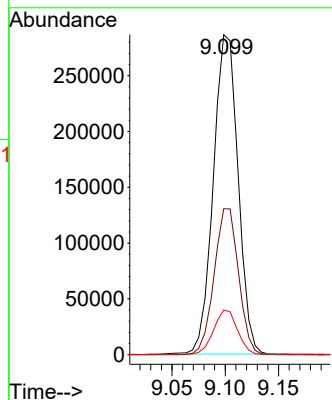
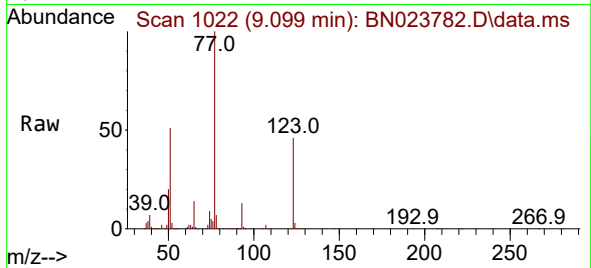




#22
Nitrobenzene
Concen: 25.403 ng/ul
RT: 9.099 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BN023782.D
Acq: 24 Jan 2023 18:14

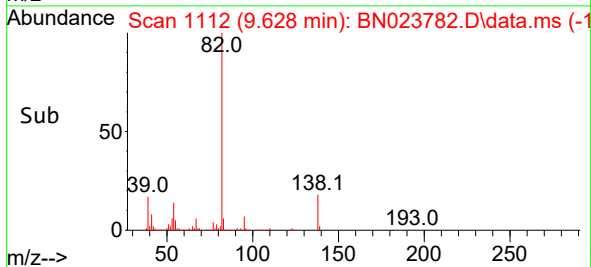
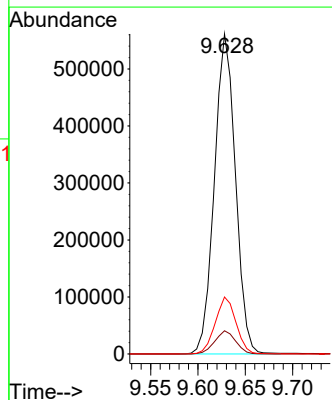
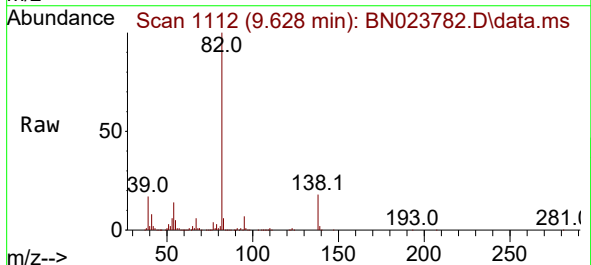
Instrument :
BNA_N
ClientSampleId :

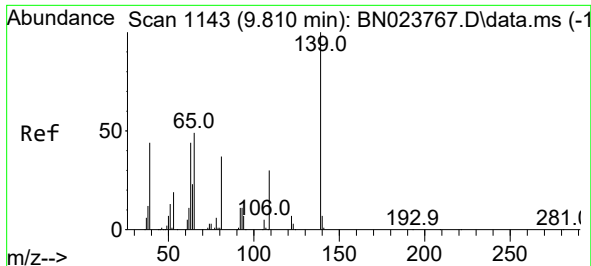
Tgt Ion: 77 Resp: 460688
Ion Ratio Lower Upper
77 100
123 45.6 35.6 53.4
65 14.0 11.0 16.4



#23
Isophorone
Concen: 26.474 ng/ul
RT: 9.628 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BN023782.D
Acq: 24 Jan 2023 18:14

Tgt Ion: 82 Resp: 868305
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 17.8 13.8 20.8

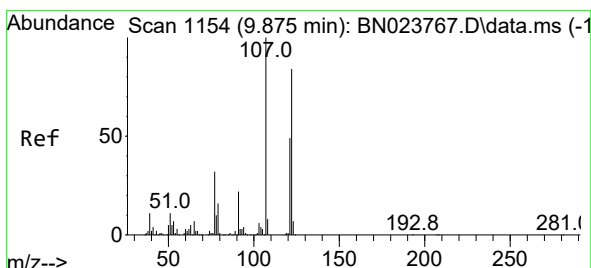
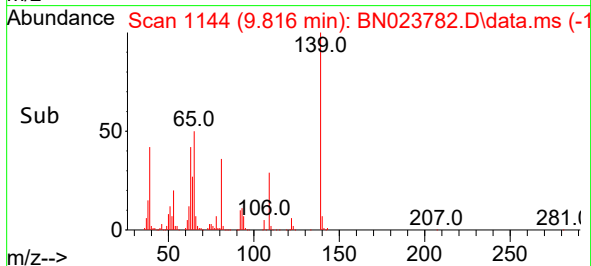
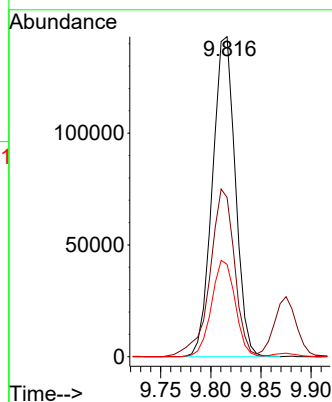
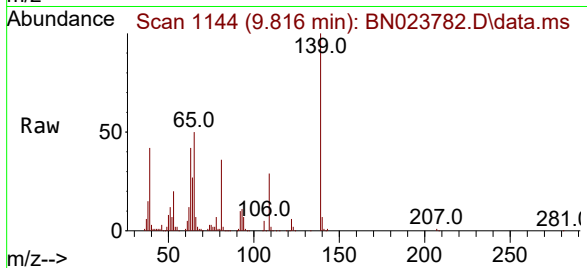




#25
2-Nitrophenol
Concen: 26.673 ng/ul
RT: 9.816 min Scan# 1143
Delta R.T. 0.006 min
Lab File: BN023782.D
Acq: 24 Jan 2023 18:14

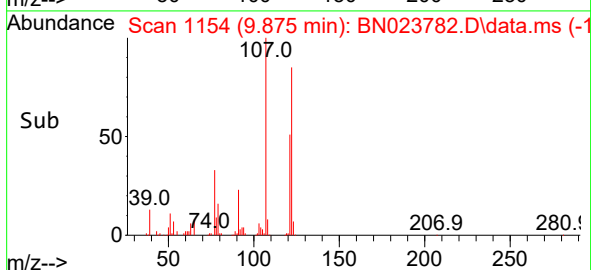
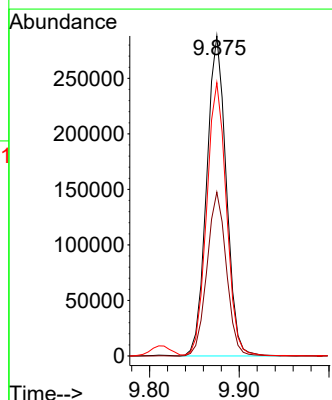
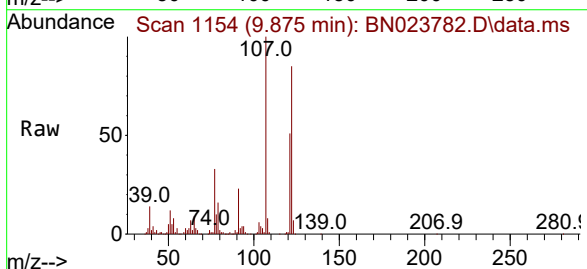
Instrument :
BNA_N
ClientSampleId :

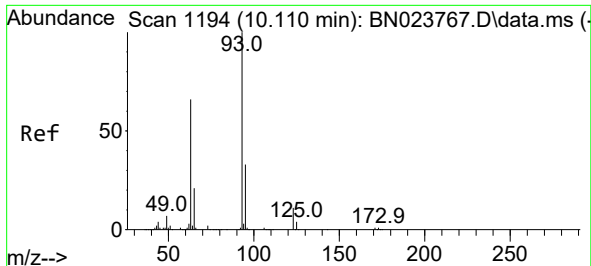
Tgt Ion:139 Resp: 227421
Ion Ratio Lower Upper
139 100
65 49.7 40.3 60.5
109 28.9 24.6 37.0



#26
2,4-Dimethylphenol
Concen: 25.259 ng/ul
RT: 9.875 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BN023782.D
Acq: 24 Jan 2023 18:14

Tgt Ion:107 Resp: 437072
Ion Ratio Lower Upper
107 100
121 51.2 40.4 60.6
122 85.4 67.0 100.4

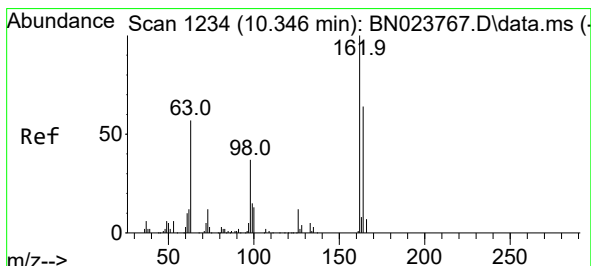
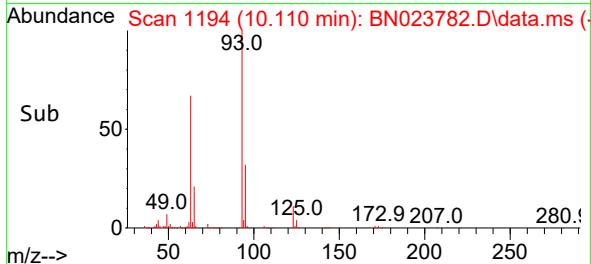
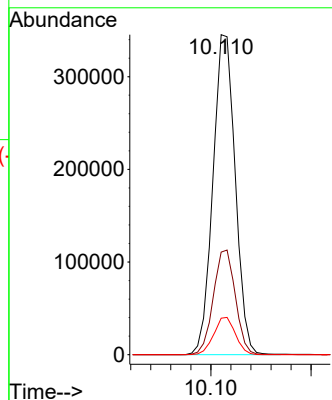
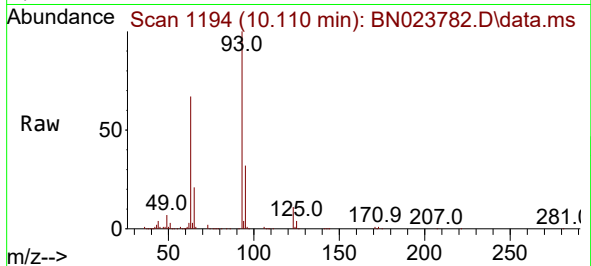




#27
 Bis(2-Chloroethoxy)methane
 Concen: 25.066 ng/ul
 RT: 10.110 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: BN023782.D
 Acq: 24 Jan 2023 18:14

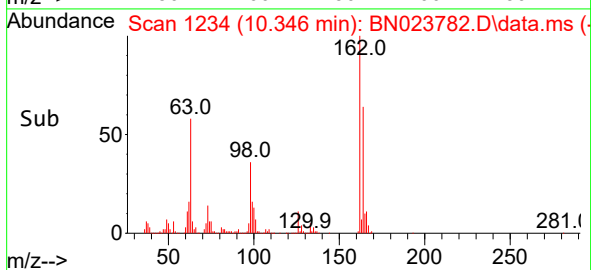
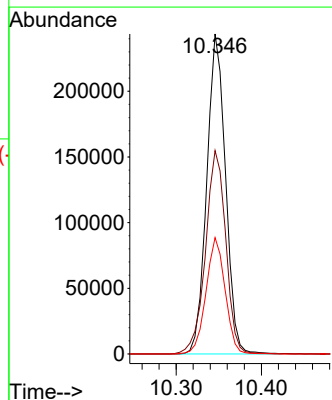
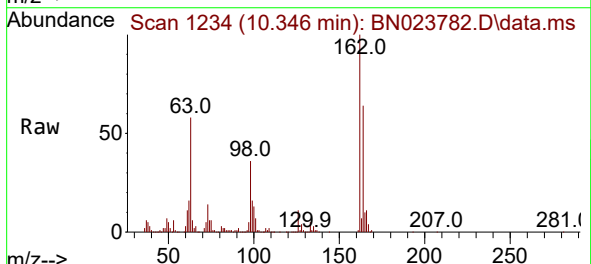
Instrument :
 BNA_N
 ClientSampleId :

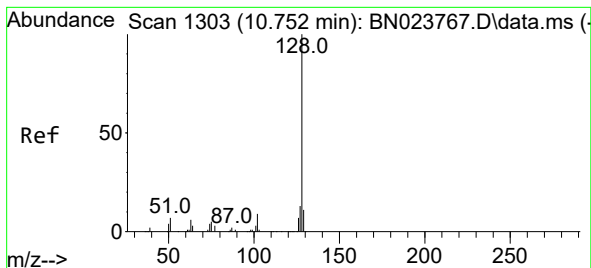
Tgt Ion: 93 Resp: 533250
 Ion Ratio Lower Upper
 93 100
 95 32.0 25.5 38.3
 123 11.4 9.4 14.2



#29
 2,4-Dichlorophenol
 Concen: 25.528 ng/ul
 RT: 10.346 min Scan# 1234
 Delta R.T. -0.000 min
 Lab File: BN023782.D
 Acq: 24 Jan 2023 18:14

Tgt Ion:162 Resp: 373720
 Ion Ratio Lower Upper
 162 100
 164 63.5 53.8 80.6
 98 36.4 28.8 43.2





#30

Naphthalene

Concen: 24.417 ng/ul

RT: 10.751 min Scan# 1303

Delta R.T. -0.000 min

Lab File: BN023782.D

Acq: 24 Jan 2023 18:14

Instrument :

BNA_N

ClientSampleId :

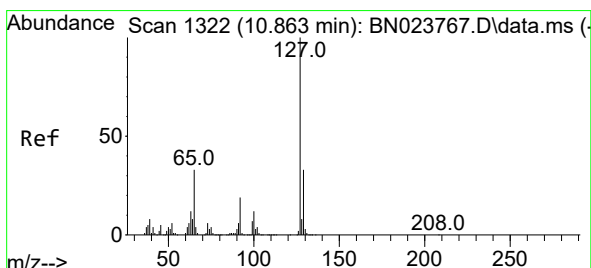
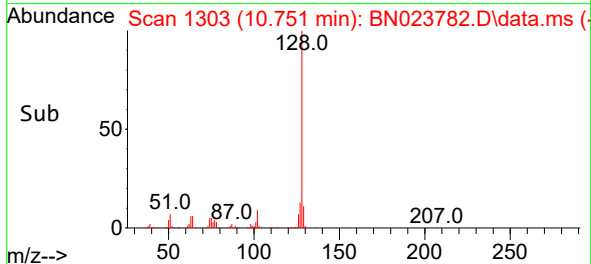
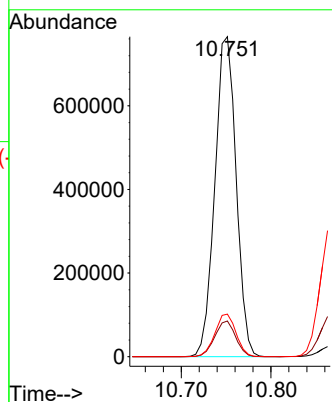
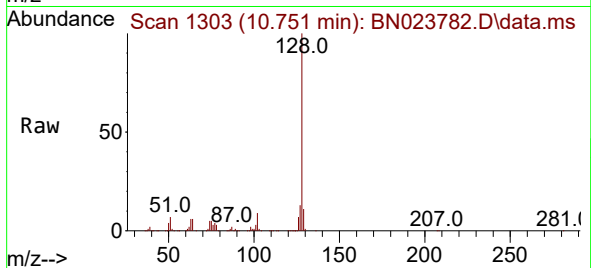
Tgt Ion:128 Resp: 1261290

Ion Ratio Lower Upper

128 100

129 11.1 9.1 13.7

127 13.3 10.8 16.2



#32

4-Chloroaniline

Concen: 20.703 ng/ul

RT: 10.863 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BN023782.D

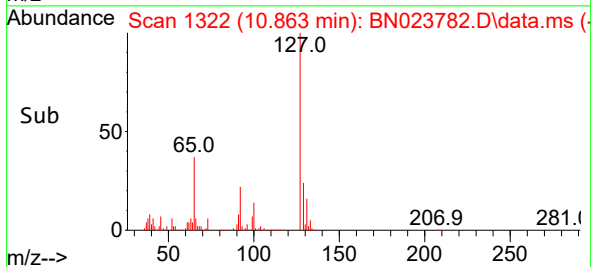
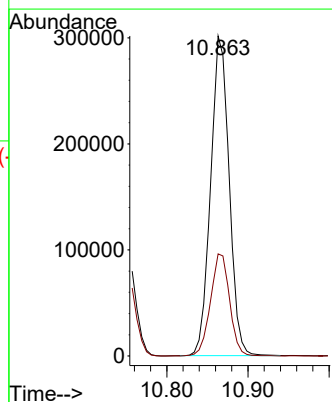
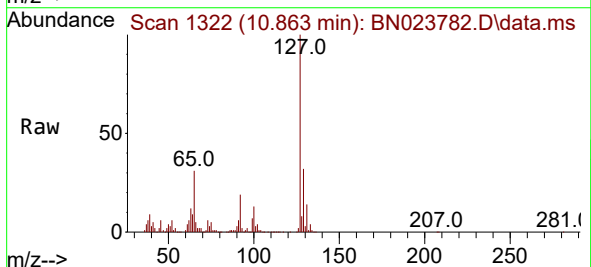
Acq: 24 Jan 2023 18:14

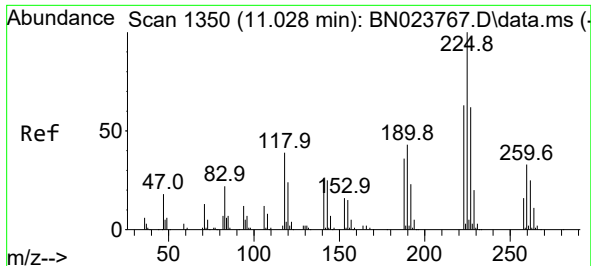
Tgt Ion:127 Resp: 477179

Ion Ratio Lower Upper

127 100

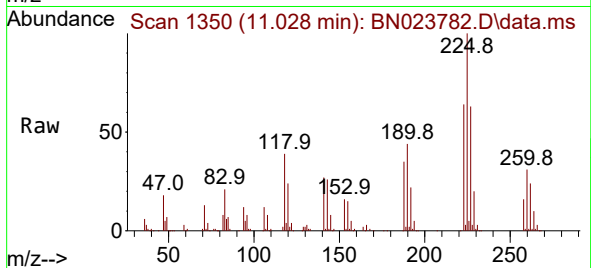
129 31.9 26.4 39.6



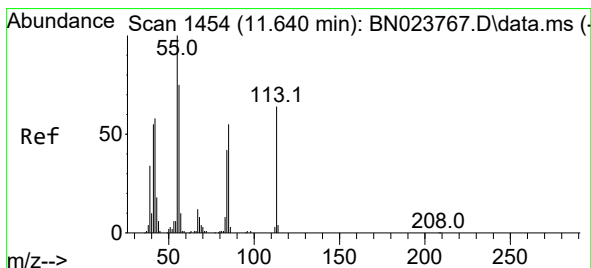
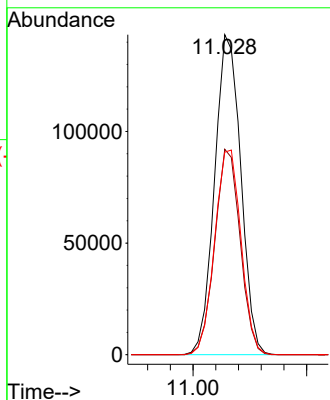
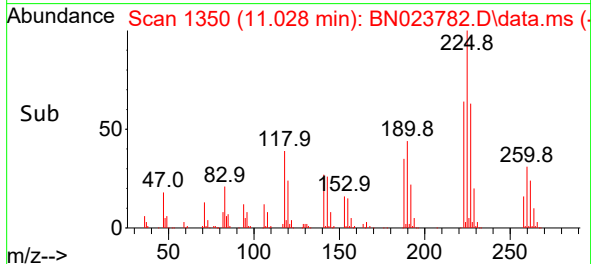


#33
Hexachlorobutadiene
Concen: 25.367 ng/ul
RT: 11.028 min Scan# 1350
Delta R.T. -0.000 min
Lab File: BN023782.D
Acq: 24 Jan 2023 18:14

Instrument :
BNA_N
ClientSampleId :

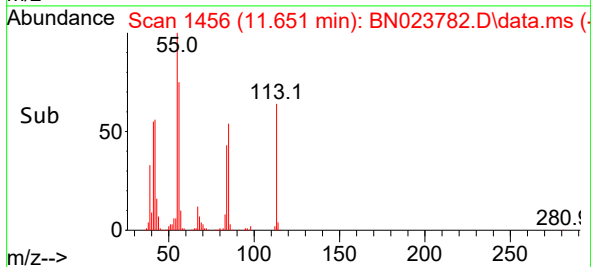
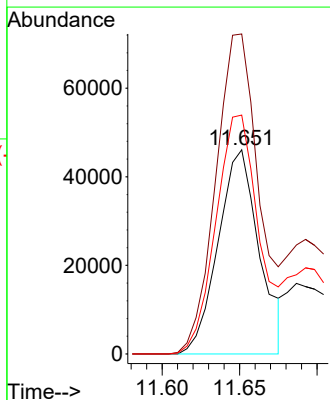
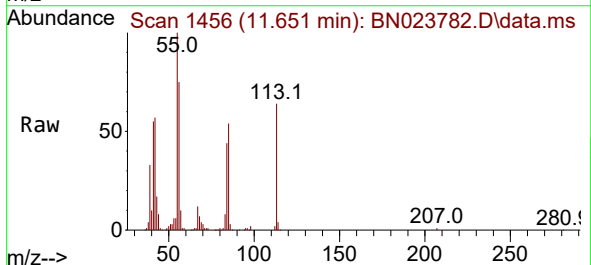


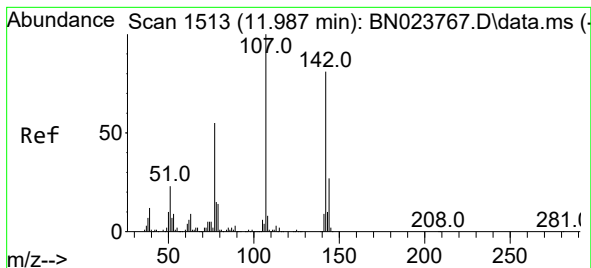
Tgt Ion:225 Resp: 229696
Ion Ratio Lower Upper
225 100
223 64.2 51.7 77.5
227 63.3 50.8 76.2



#34
Caprolactam
Concen: 17.264 ng/ul
RT: 11.651 min Scan# 1456
Delta R.T. 0.012 min
Lab File: BN023782.D
Acq: 24 Jan 2023 18:14

Tgt Ion:113 Resp: 84886
Ion Ratio Lower Upper
113 100
55 156.7 129.1 193.7
56 117.0 94.2 141.4

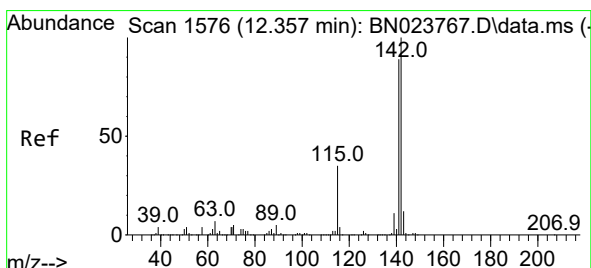
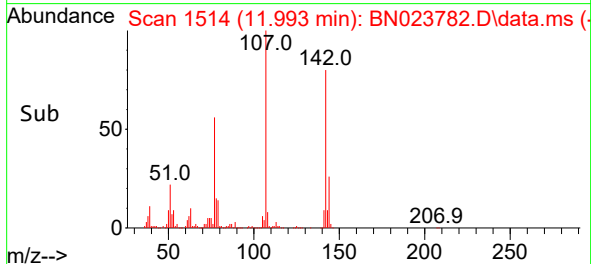
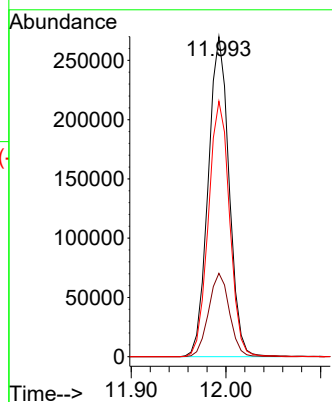
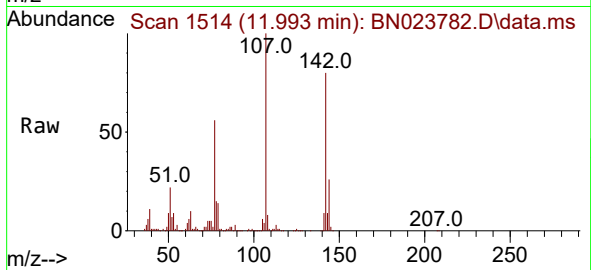




#35
4-Chloro-3-methylphenol
Concen: 25.991 ng/ul
RT: 11.993 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BN023782.D
Acq: 24 Jan 2023 18:14

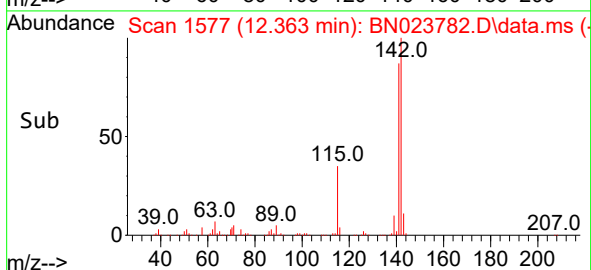
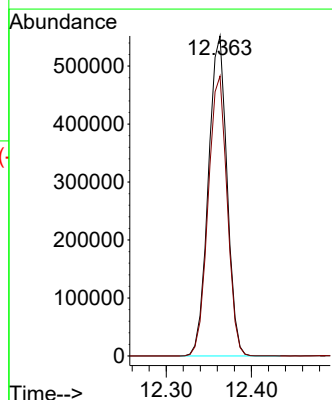
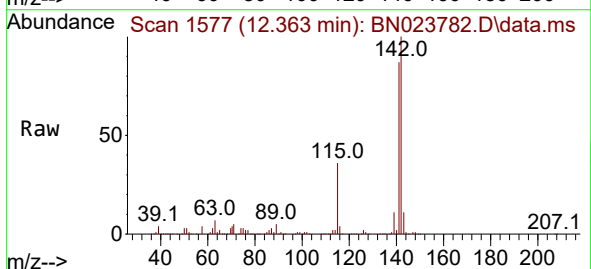
Instrument :
BNA_N
ClientSampleId :

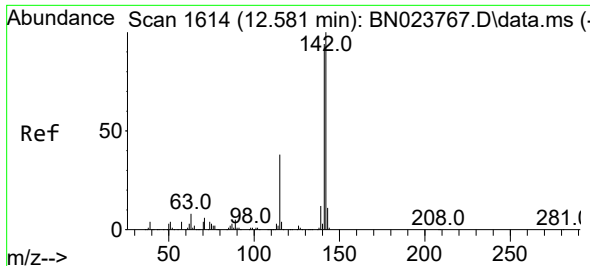
Tgt Ion:107 Resp: 414891
Ion Ratio Lower Upper
107 100
144 26.0 21.9 32.9
142 79.8 64.0 96.0



#36
2-Methylnaphthalene
Concen: 24.442 ng/ul
RT: 12.363 min Scan# 1577
Delta R.T. 0.006 min
Lab File: BN023782.D
Acq: 24 Jan 2023 18:14

Tgt Ion:142 Resp: 841649
Ion Ratio Lower Upper
142 100
141 87.5 73.6 110.4





#37

1-Methylnaphthalene

Concen: 24.282 ng/ul

RT: 12.581 min Scan# 1614

Delta R.T. -0.000 min

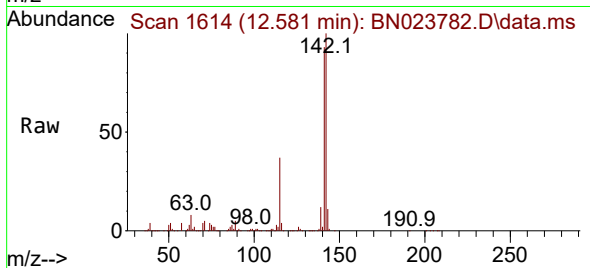
Lab File: BN023782.D

Acq: 24 Jan 2023 18:14

Instrument :

BNA_N

ClientSampleId :



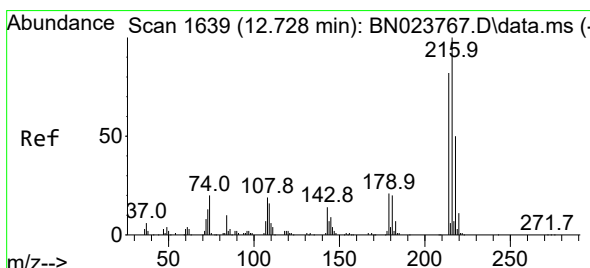
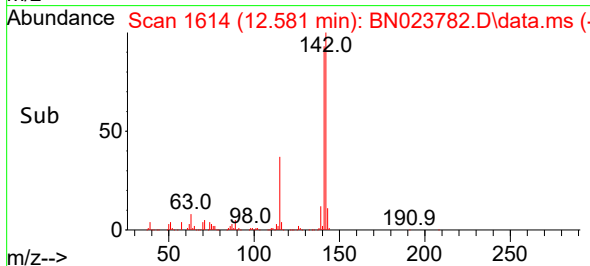
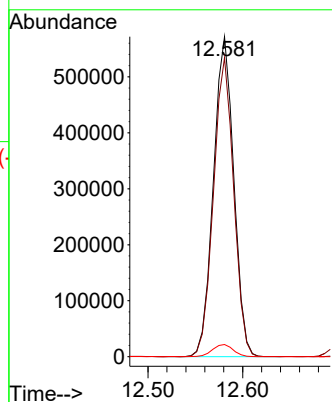
Tgt Ion:142 Resp: 854246

Ion Ratio Lower Upper

142 100

141 93.5 73.8 110.6

116 3.8 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.473 ng/ul

RT: 12.728 min Scan# 1639

Delta R.T. -0.000 min

Lab File: BN023782.D

Acq: 24 Jan 2023 18:14

Tgt Ion:216 Resp: 440230

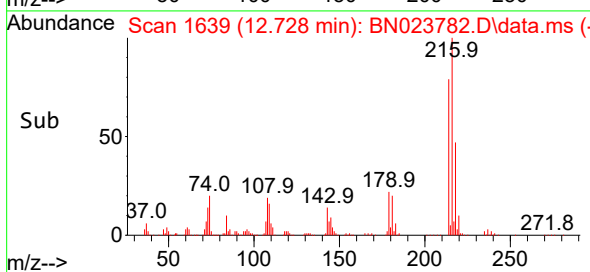
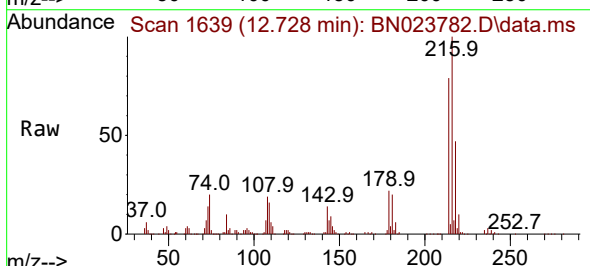
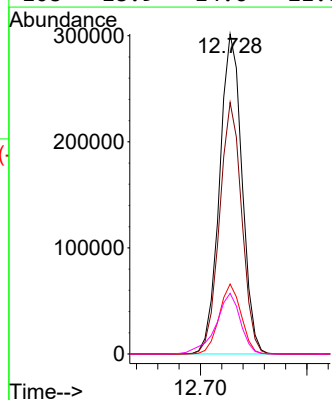
Ion Ratio Lower Upper

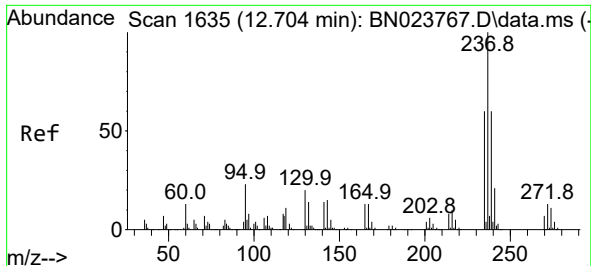
216 100

214 78.6 62.4 93.6

179 21.8 16.2 24.2

108 18.9 14.6 21.8

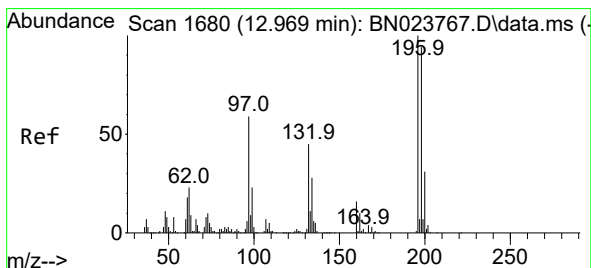
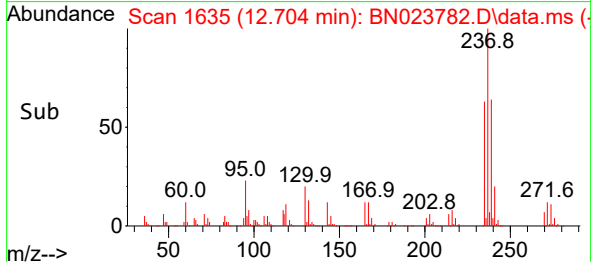
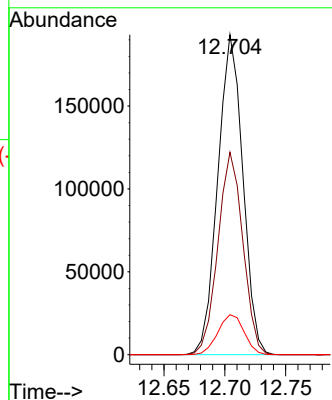
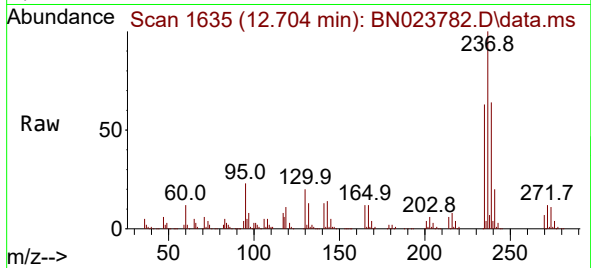




#40
Hexachlorocyclopentadiene
Concen: 25.344 ng/ul
RT: 12.704 min Scan# 1635
Delta R.T. -0.000 min
Lab File: BN023782.D
Acq: 24 Jan 2023 18:14

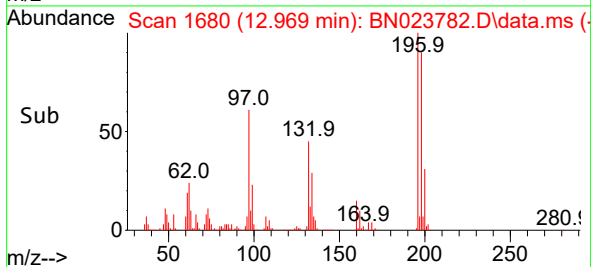
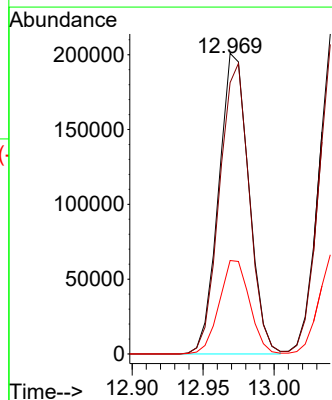
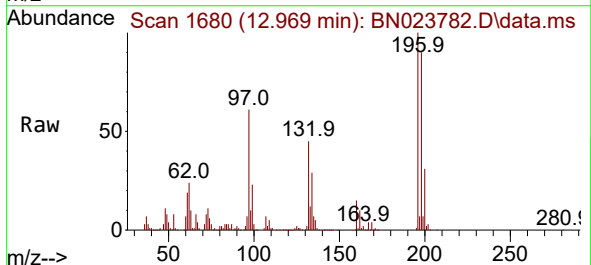
Instrument :
BNA_N
ClientSampleId :

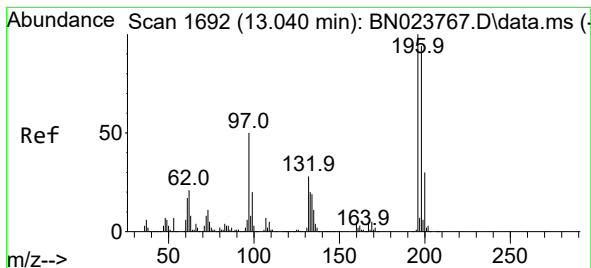
Tgt Ion:237 Resp: 276062
Ion Ratio Lower Upper
237 100
235 63.2 51.0 76.4
272 12.5 9.8 14.8



#41
2,4,6-Trichlorophenol
Concen: 26.083 ng/ul
RT: 12.969 min Scan# 1680
Delta R.T. -0.000 min
Lab File: BN023782.D
Acq: 24 Jan 2023 18:14

Tgt Ion:196 Resp: 297137
Ion Ratio Lower Upper
196 100
198 90.3 71.4 107.0
200 31.1 22.5 33.7





#42

2,4,5-Trichlorophenol

Concen: 26.269 ng/ul

RT: 13.045 min Scan# 1

Delta R.T. 0.006 min

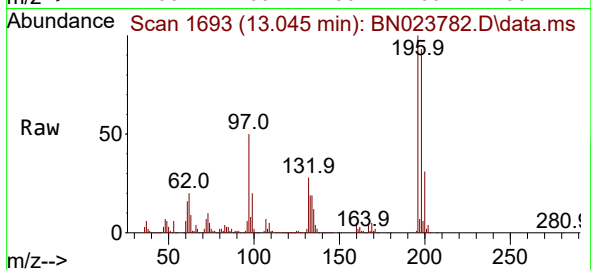
Lab File: BN023782.D

Acq: 24 Jan 2023 18:14

Instrument :

BNA_N

ClientSampleId :



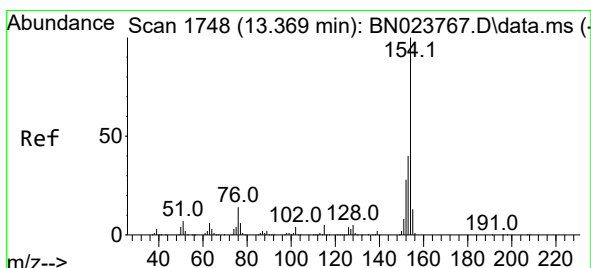
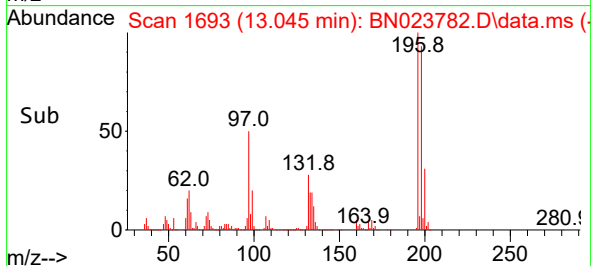
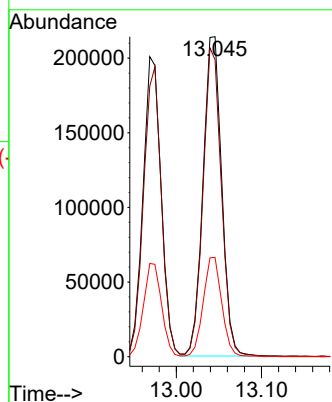
Tgt Ion:196 Resp: 327276

Ion Ratio Lower Upper

196 100

198 92.7 68.1 102.1

200 31.0 24.1 36.1



#43

1,1'-Biphenyl

Concen: 24.544 ng/ul

RT: 13.369 min Scan# 1748

Delta R.T. -0.000 min

Lab File: BN023782.D

Acq: 24 Jan 2023 18:14

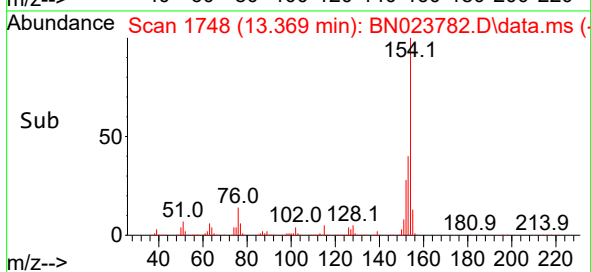
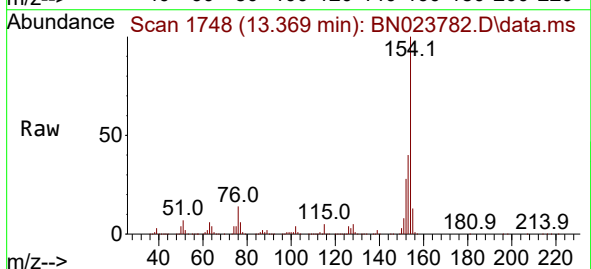
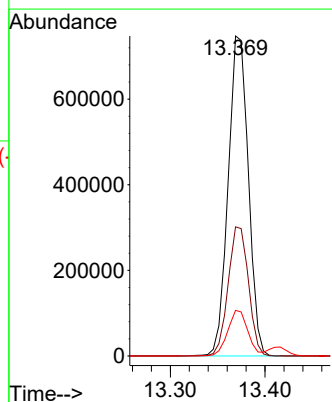
Tgt Ion:154 Resp: 1106490

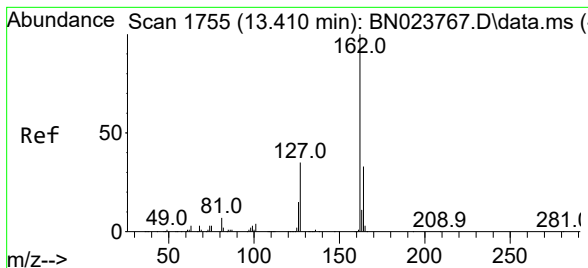
Ion Ratio Lower Upper

154 100

153 40.4 32.5 48.7

76 14.3 11.0 16.6

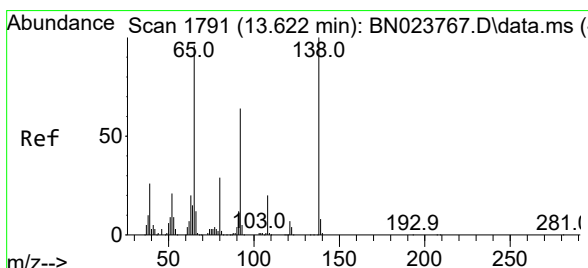
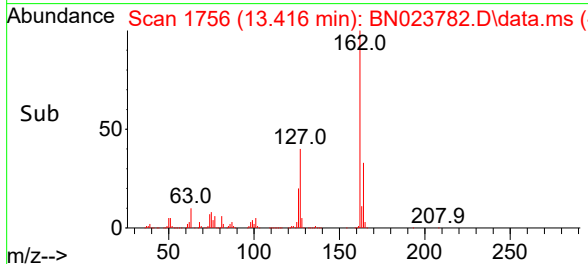
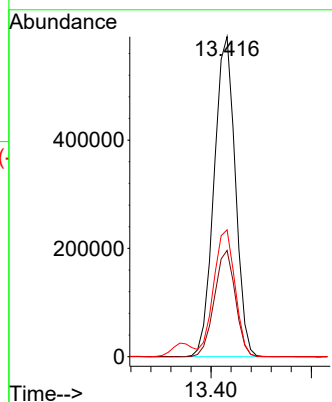
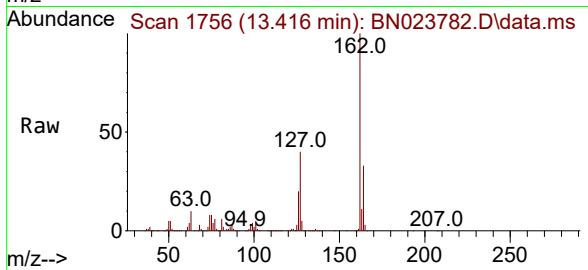




#44
2-Chloronaphthalene
Concen: 24.811 ng/ul
RT: 13.416 min Scan# 1756
Delta R.T. 0.006 min
Lab File: BN023782.D
Acq: 24 Jan 2023 18:14

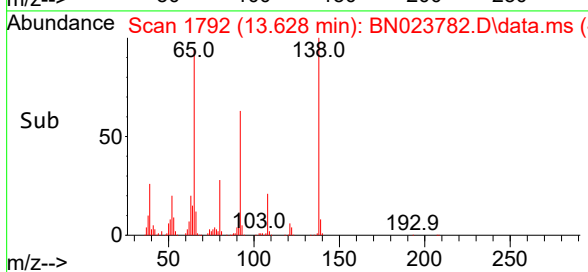
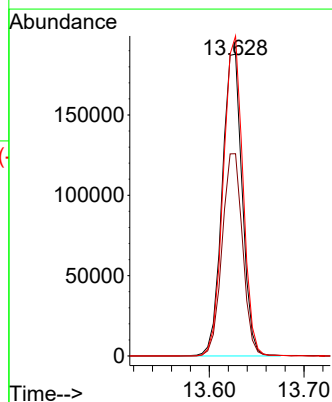
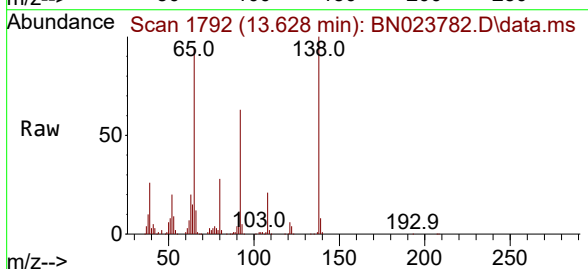
Instrument :
BNA_N
ClientSampleId :

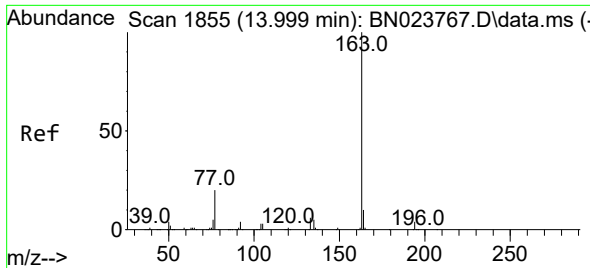
Tgt Ion:162 Resp: 867803
Ion Ratio Lower Upper
162 100
164 33.2 26.2 39.2
127 39.6 31.8 47.8



#45
2-Nitroaniline
Concen: 28.752 ng/ul
RT: 13.628 min Scan# 1792
Delta R.T. 0.006 min
Lab File: BN023782.D
Acq: 24 Jan 2023 18:14

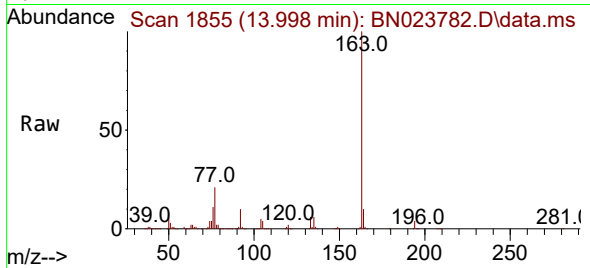
Tgt Ion: 65 Resp: 277334
Ion Ratio Lower Upper
65 100
92 67.1 53.5 80.3
138 106.1 84.0 126.0



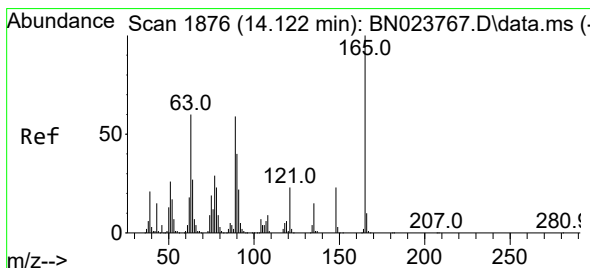
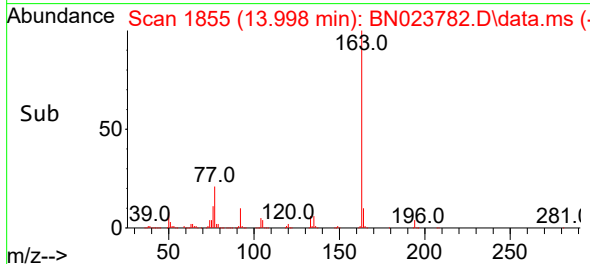
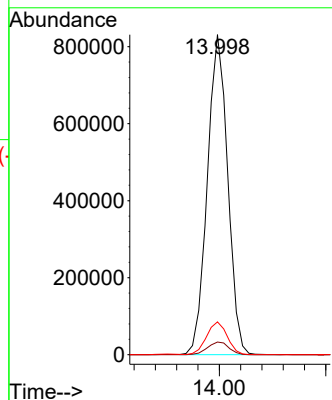


#47
Dimethylphthalate
Concen: 25.241 ng/ul
RT: 13.998 min Scan# 1855
Delta R.T. -0.000 min
Lab File: BN023782.D
Acq: 24 Jan 2023 18:14

Instrument :
BNA_N
ClientSampleId :

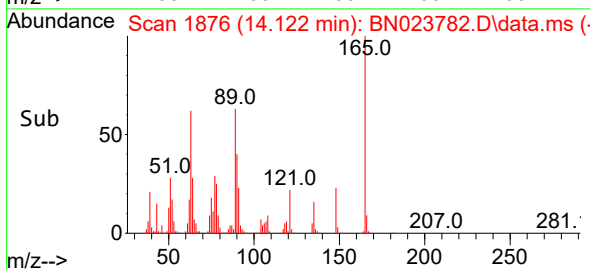
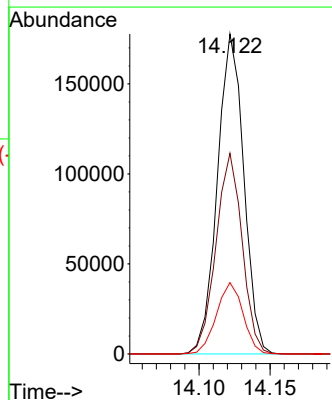
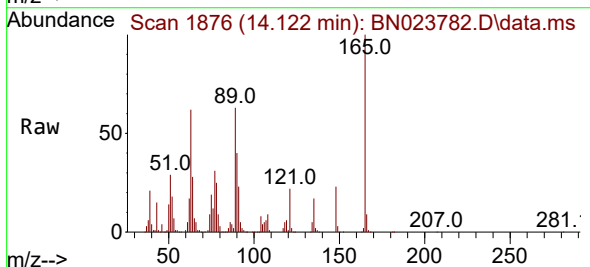


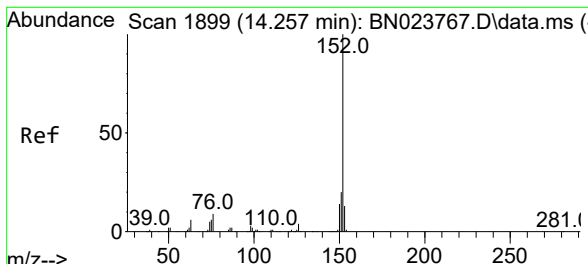
Tgt Ion:163 Resp: 1102506
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.2 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 27.835 ng/ul
RT: 14.122 min Scan# 1876
Delta R.T. -0.000 min
Lab File: BN023782.D
Acq: 24 Jan 2023 18:14

Tgt Ion:165 Resp: 229853
Ion Ratio Lower Upper
165 100
89 62.7 49.9 74.9
121 22.3 19.1 28.7



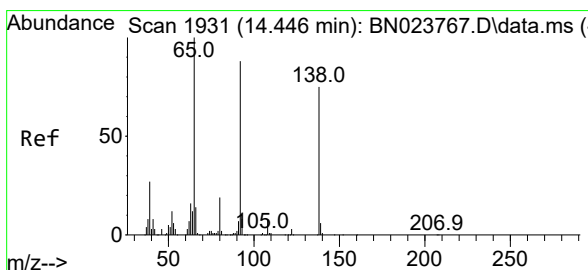
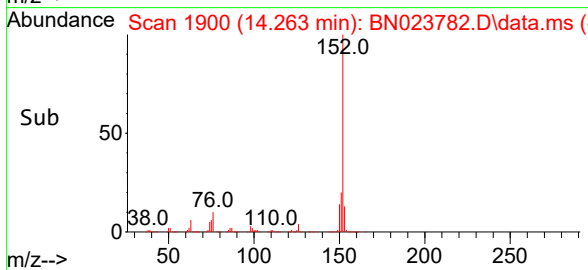
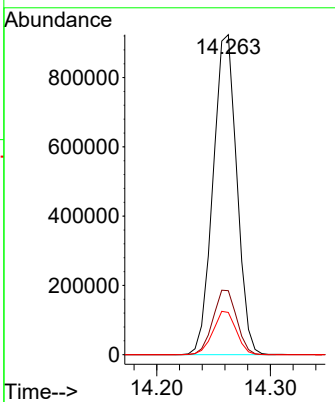
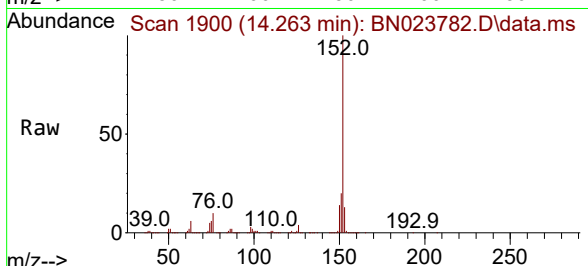


#50
 Acenaphthylene
 Concen: 25.045 ng/ul
 RT: 14.263 min Scan# 1900
 Delta R.T. 0.006 min
 Lab File: BN023782.D
 Acq: 24 Jan 2023 18:14

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:152 Resp: 1341271

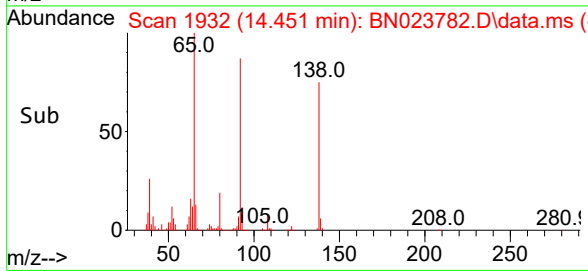
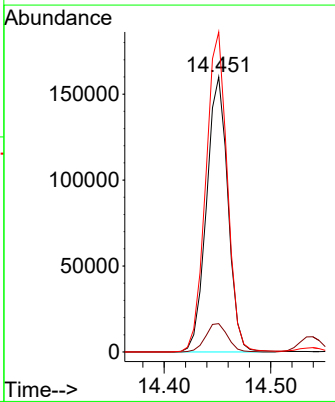
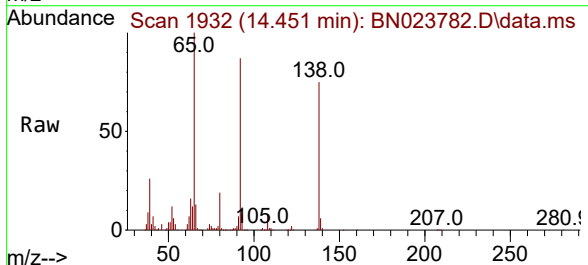
Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	13.2	10.2	15.4

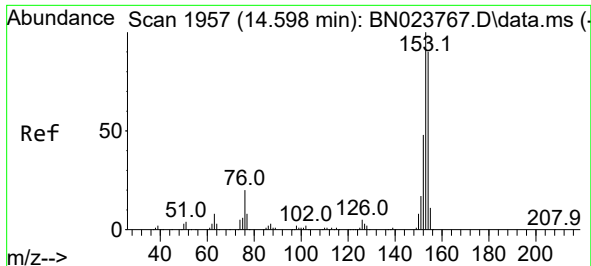


#51
 3-Nitroaniline
 Concen: 26.975 ng/ul
 RT: 14.451 min Scan# 1932
 Delta R.T. 0.006 min
 Lab File: BN023782.D
 Acq: 24 Jan 2023 18:14

Tgt Ion:138 Resp: 223216

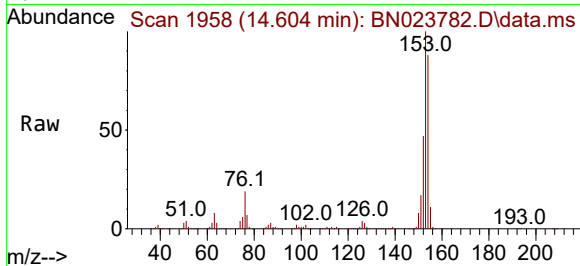
Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.1	12.1
92	116.4	93.2	139.8



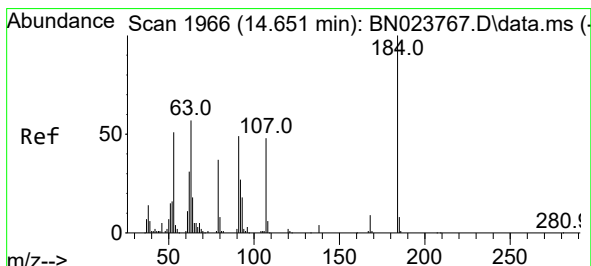
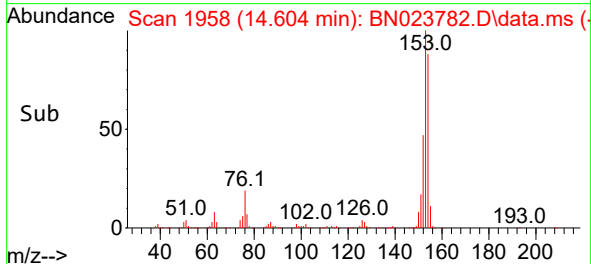
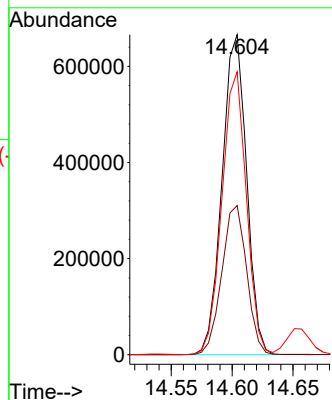


#52
Acenaphthene
Concen: 24.753 ng/ul
RT: 14.604 min Scan# 1958
Delta R.T. 0.006 min
Lab File: BN023782.D
Acq: 24 Jan 2023 18:14

Instrument :
BNA_N
ClientSampleId :

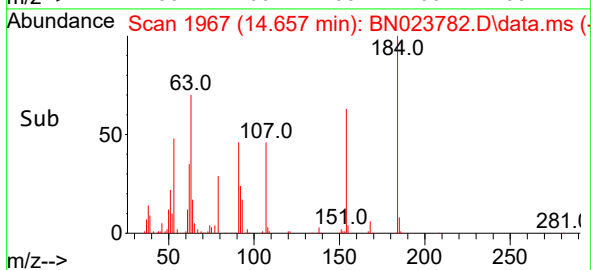
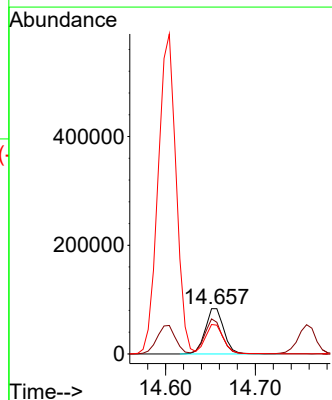
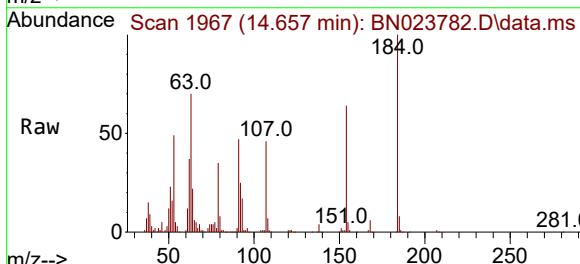


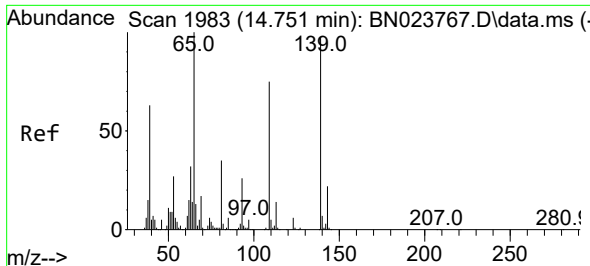
Tgt Ion:153 Resp: 934579
Ion Ratio Lower Upper
153 100
152 46.6 38.5 57.7
154 88.4 71.5 107.3



#53
2,4-Dinitrophenol
Concen: 22.174 ng/ul
RT: 14.657 min Scan# 1967
Delta R.T. 0.006 min
Lab File: BN023782.D
Acq: 24 Jan 2023 18:14

Tgt Ion:184 Resp: 119674
Ion Ratio Lower Upper
184 100
63 70.0 58.2 87.4
154 63.7 49.4 74.0

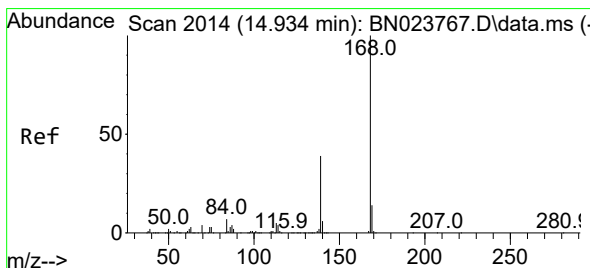
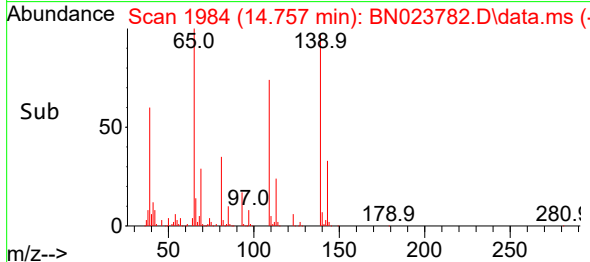
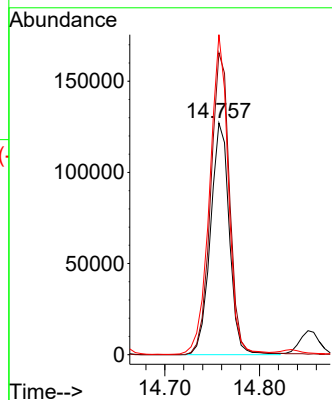
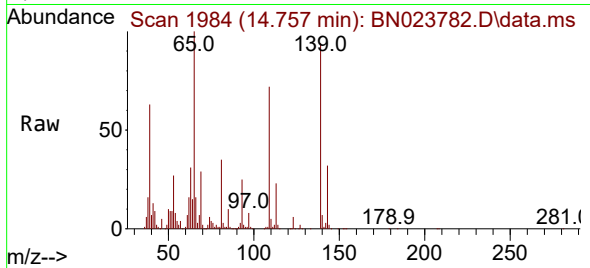




#55
4-Nitrophenol
Concen: 24.539 ng/ul
RT: 14.757 min Scan# 1983
Delta R.T. 0.006 min
Lab File: BN023782.D
Acq: 24 Jan 2023 18:14

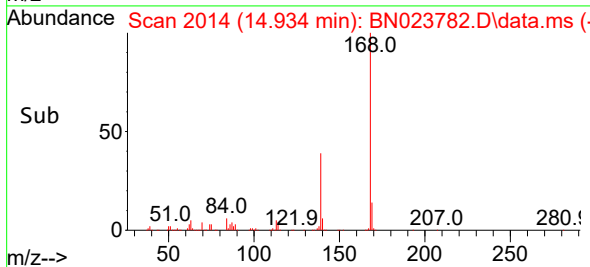
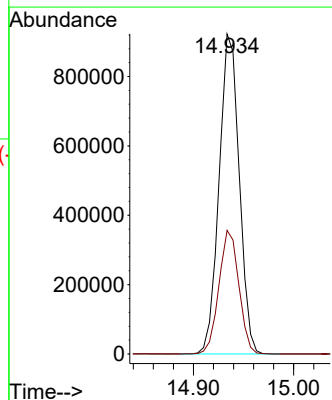
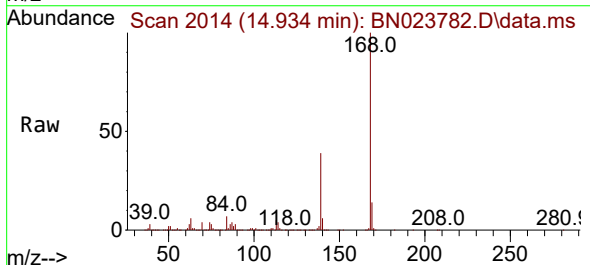
Instrument :
BNA_N
ClientSampleId :

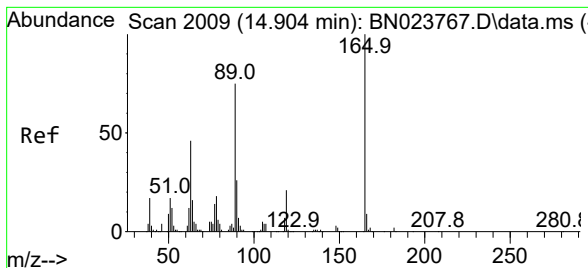
Tgt Ion:109 Resp: 175365
Ion Ratio Lower Upper
109 100
139 130.3 104.8 157.2
65 138.2 107.3 160.9



#56
Dibenzofuran
Concen: 24.443 ng/ul
RT: 14.934 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BN023782.D
Acq: 24 Jan 2023 18:14

Tgt Ion:168 Resp: 1284555
Ion Ratio Lower Upper
168 100
139 38.6 29.6 44.4

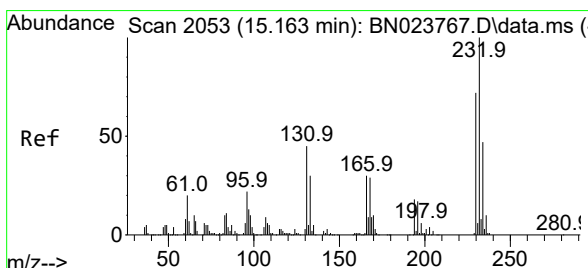
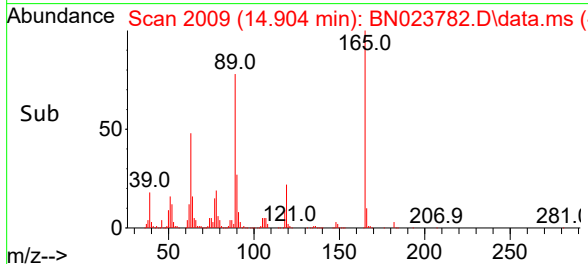
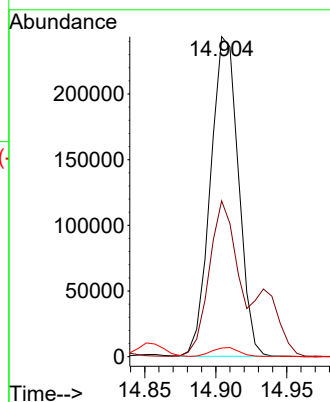
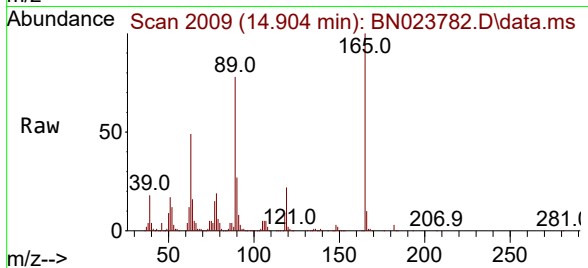




#57
 2,4-Dinitrotoluene
 Concen: 27.637 ng/ul
 RT: 14.904 min Scan# 2009
 Delta R.T. -0.000 min
 Lab File: BN023782.D
 Acq: 24 Jan 2023 18:14

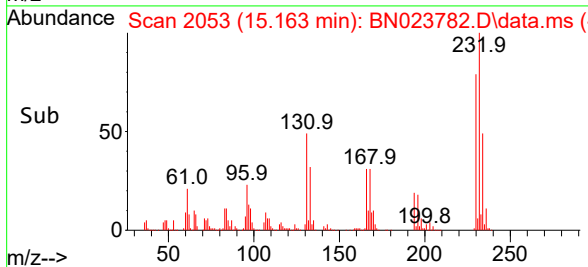
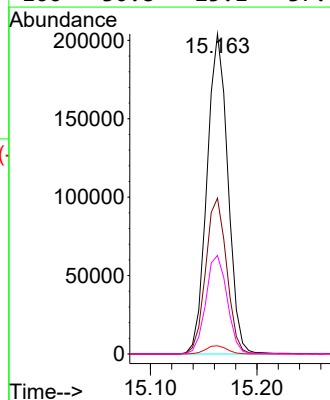
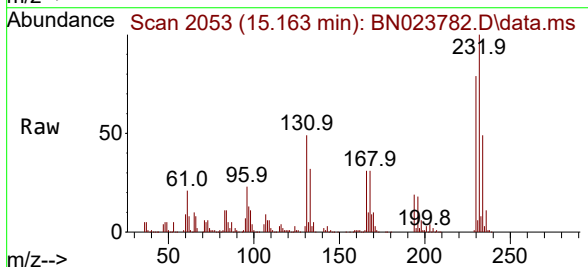
Instrument :
 BNA_N
 ClientSampleId :

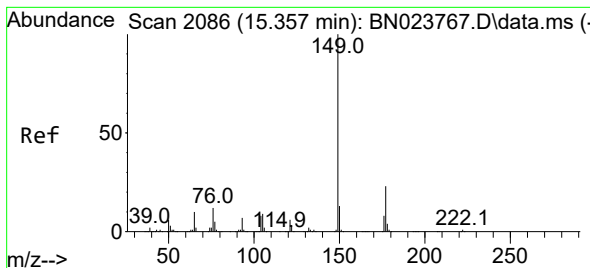
Tgt Ion:165 Resp: 333159
 Ion Ratio Lower Upper
 165 100
 63 48.7 37.2 55.8
 182 2.7 2.2 3.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 26.001 ng/ul
 RT: 15.163 min Scan# 2053
 Delta R.T. -0.000 min
 Lab File: BN023782.D
 Acq: 24 Jan 2023 18:14

Tgt Ion:232 Resp: 277573
 Ion Ratio Lower Upper
 232 100
 131 48.7 39.5 59.3
 130 2.5 2.2 3.4
 166 30.8 25.1 37.7





#59

Diethylphthalate

Concen: 26.223 ng/ul

RT: 15.363 min Scan# 2086

Delta R.T. 0.006 min

Lab File: BN023782.D

Acq: 24 Jan 2023 18:14

Instrument :

BNA_N

ClientSampleId :

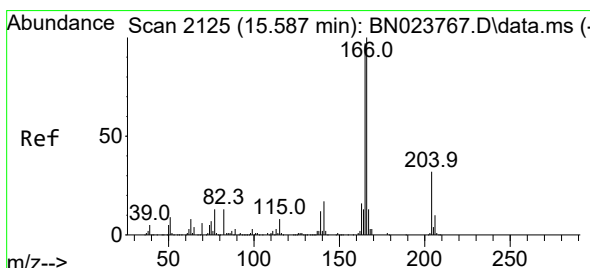
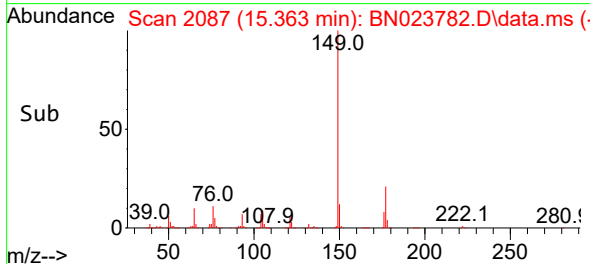
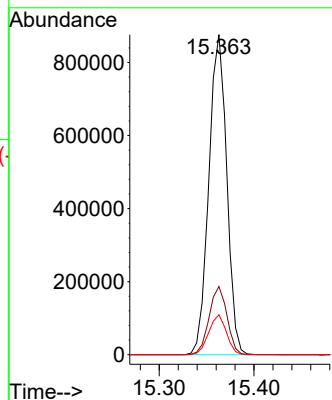
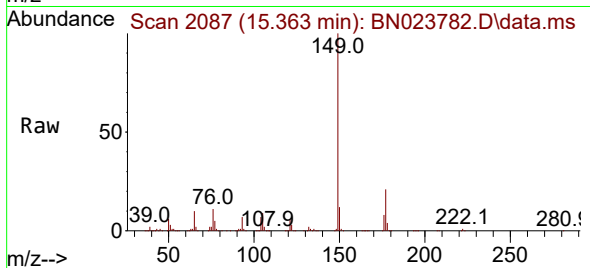
Tgt Ion:149 Resp: 1147395

Ion Ratio Lower Upper

149 100

177 21.3 17.9 26.9

150 12.5 9.9 14.9



#61

Fluorene

Concen: 23.489 ng/ul

RT: 15.586 min Scan# 2125

Delta R.T. -0.000 min

Lab File: BN023782.D

Acq: 24 Jan 2023 18:14

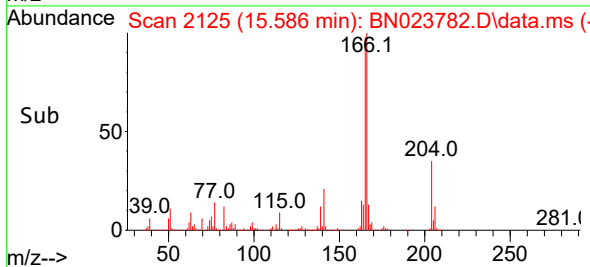
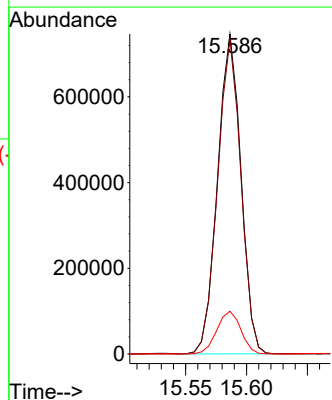
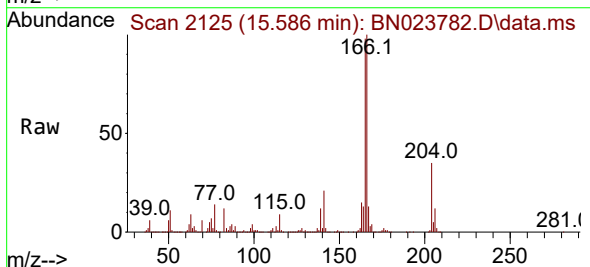
Tgt Ion:166 Resp: 999643

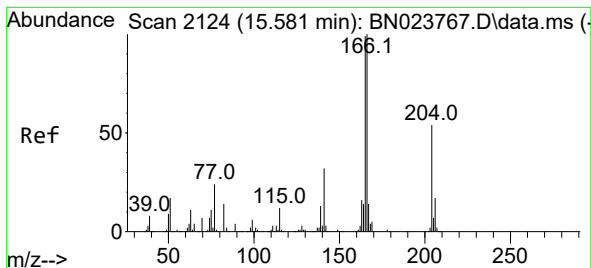
Ion Ratio Lower Upper

166 100

165 98.2 77.8 116.6

167 13.4 10.4 15.6

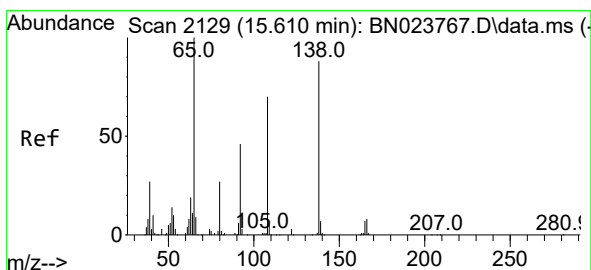
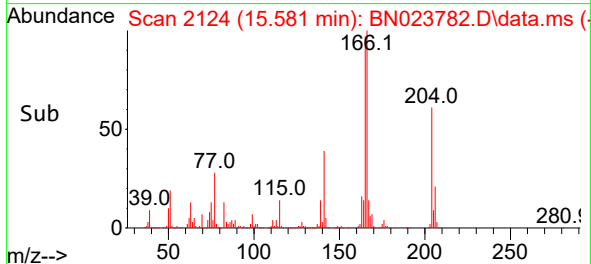
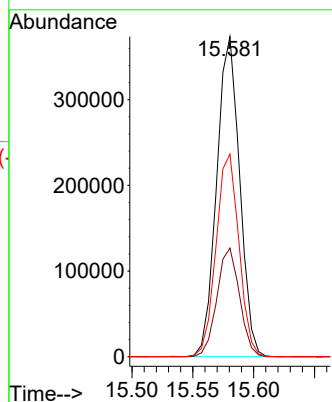
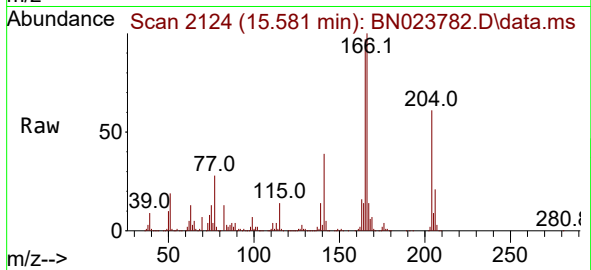




#62
4-Chlorophenyl-phenylether
Concen: 23.692 ng/ul
RT: 15.581 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BN023782.D
Acq: 24 Jan 2023 18:14

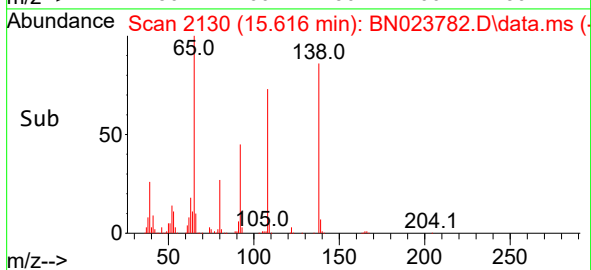
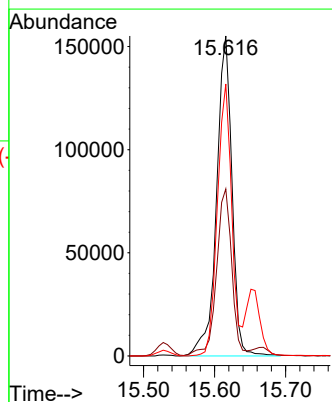
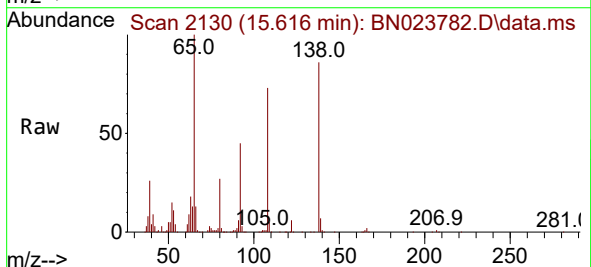
Instrument :
BNA_N
ClientSampleId :

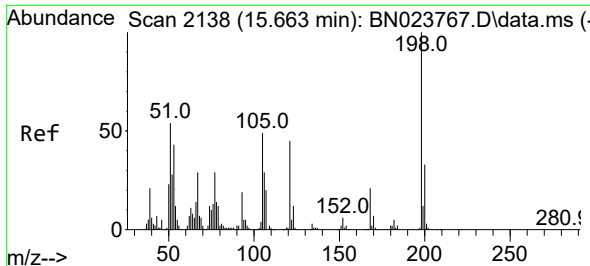
Tgt Ion:204 Resp: 490845
Ion Ratio Lower Upper
204 100
206 33.9 27.0 40.6
141 63.3 51.0 76.4



#63
4-Nitroaniline
Concen: 30.645 ng/ul
RT: 15.616 min Scan# 2130
Delta R.T. 0.006 min
Lab File: BN023782.D
Acq: 24 Jan 2023 18:14

Tgt Ion:138 Resp: 233474
Ion Ratio Lower Upper
138 100
92 52.2 41.3 61.9
108 85.0 64.2 96.2

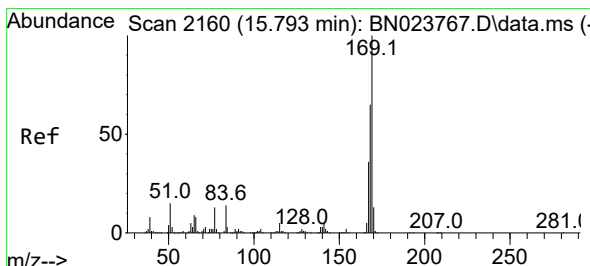
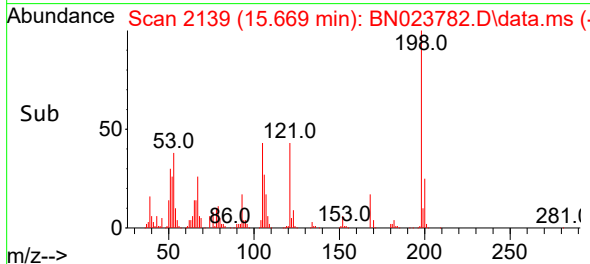
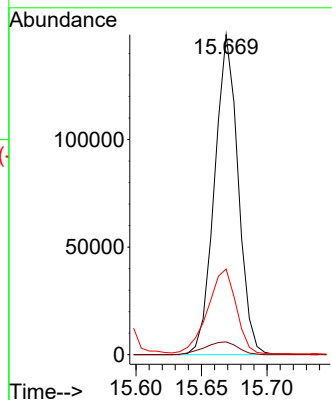
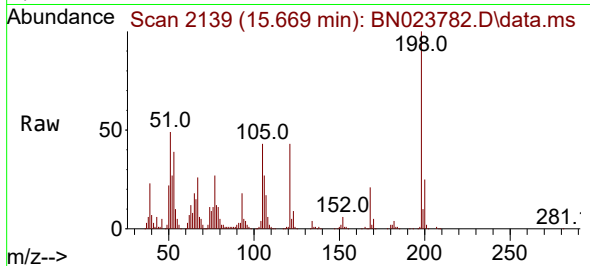




#66
4,6-Dinitro-2-methylphenol
Concen: 27.931 ng/ul
RT: 15.669 min Scan# 2138
Delta R.T. 0.006 min
Lab File: BN023782.D
Acq: 24 Jan 2023 18:14

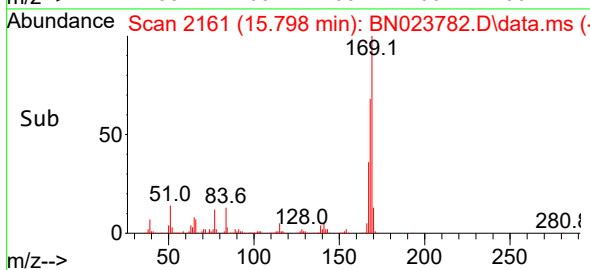
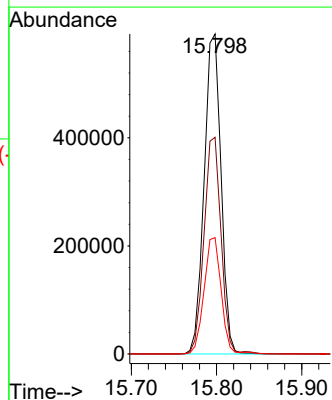
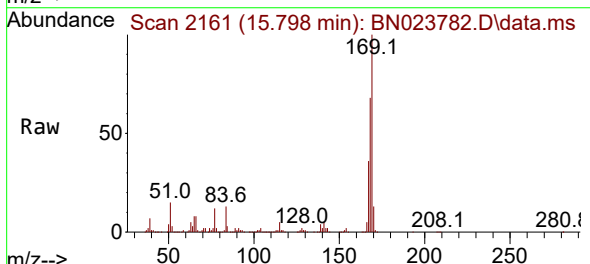
Instrument :
BNA_N
ClientSampleId :

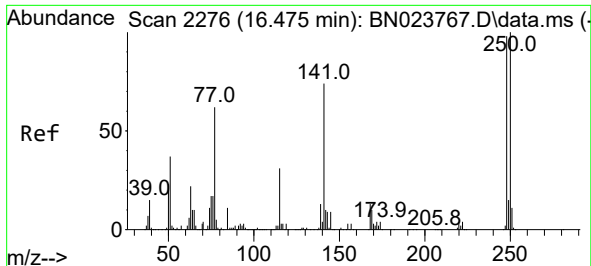
Tgt Ion:198 Resp: 186052
Ion Ratio Lower Upper
198 100
182 4.0 3.6 5.4
77 26.8 21.2 31.8



#67
N-Nitrosodiphenylamine
Concen: 25.951 ng/ul
RT: 15.798 min Scan# 2161
Delta R.T. 0.006 min
Lab File: BN023782.D
Acq: 24 Jan 2023 18:14

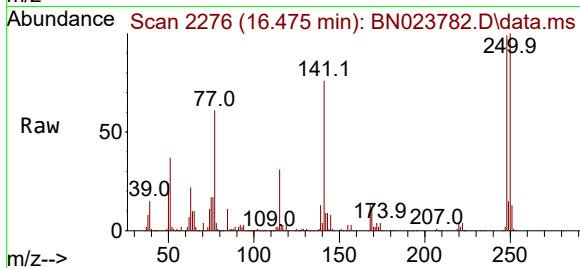
Tgt Ion:169 Resp: 814871
Ion Ratio Lower Upper
169 100
168 67.7 53.4 80.2
167 36.3 29.0 43.4



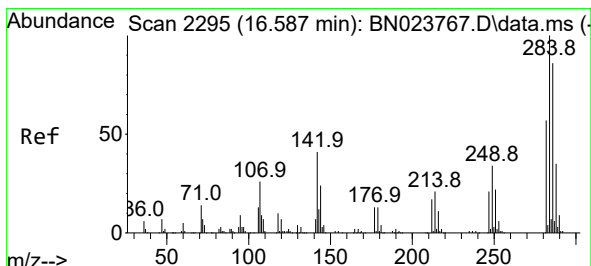
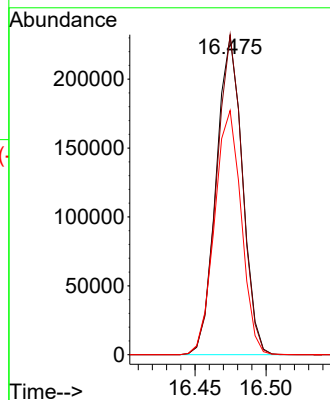
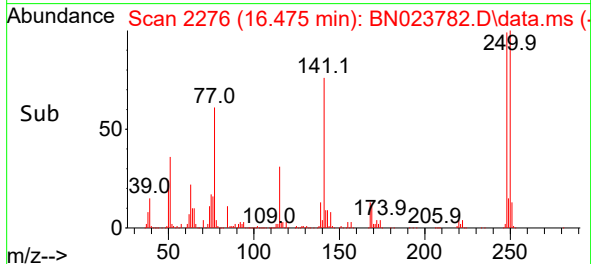


#68
4-Bromophenyl-phenylether
Concen: 26.519 ng/ul
RT: 16.475 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN023782.D
Acq: 24 Jan 2023 18:14

Instrument :
BNA_N
ClientSampleId :

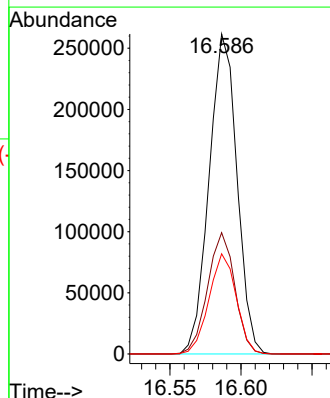
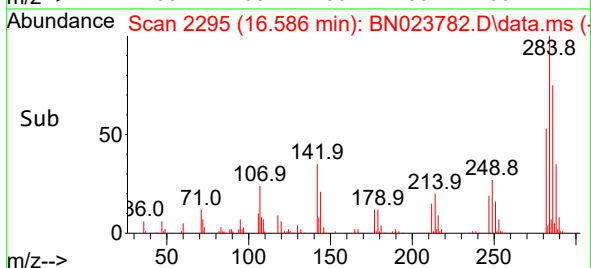
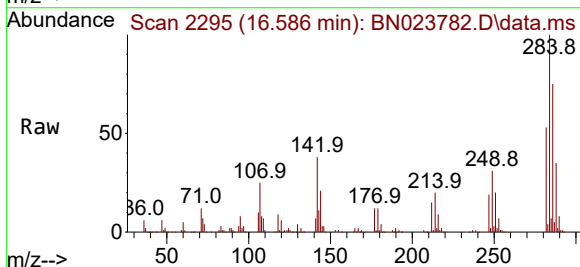


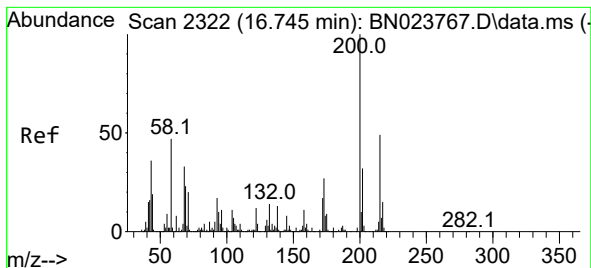
Tgt Ion:248 Resp: 297418
Ion Ratio Lower Upper
248 100
250 100.6 76.4 114.6
141 76.8 58.0 87.0



#69
Hexachlorobenzene
Concen: 27.135 ng/ul
RT: 16.586 min Scan# 2295
Delta R.T. -0.000 min
Lab File: BN023782.D
Acq: 24 Jan 2023 18:14

Tgt Ion:284 Resp: 356628
Ion Ratio Lower Upper
284 100
142 37.9 28.9 43.3
249 31.3 24.2 36.2





#70

Atrazine

Concen: 28.617 ng/ul

RT: 16.751 min Scan# 21

Delta R.T. 0.006 min

Lab File: BN023782.D

Acq: 24 Jan 2023 18:14

Instrument :

BNA_N

ClientSampleId :

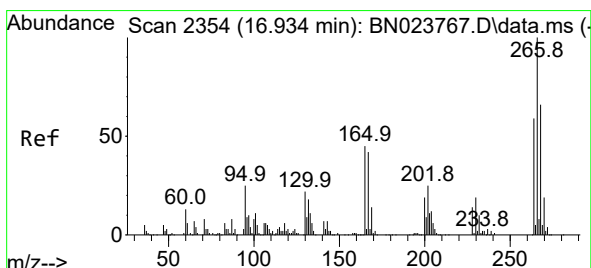
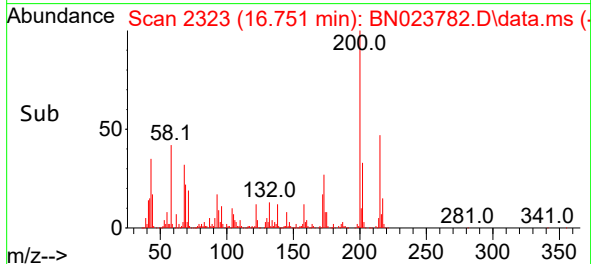
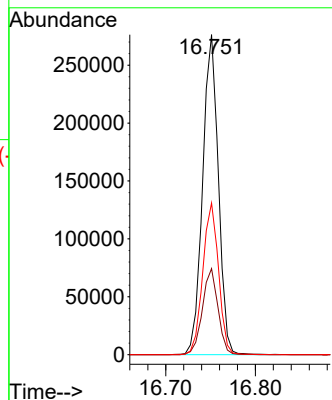
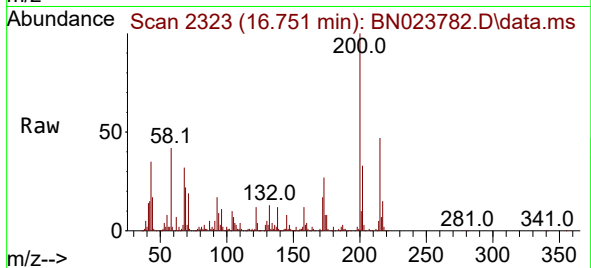
Tgt Ion:200 Resp: 336303

Ion Ratio Lower Upper

200 100

173 26.9 21.4 32.2

215 47.4 39.0 58.6



#71

Pentachlorophenol

Concen: 27.153 ng/ul

RT: 16.933 min Scan# 2354

Delta R.T. -0.000 min

Lab File: BN023782.D

Acq: 24 Jan 2023 18:14

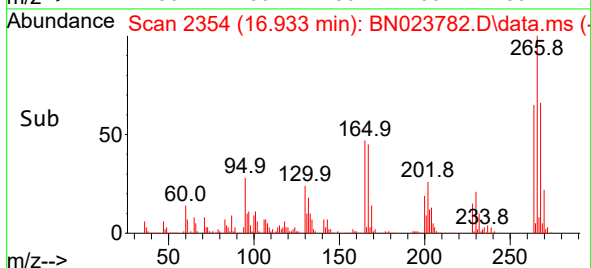
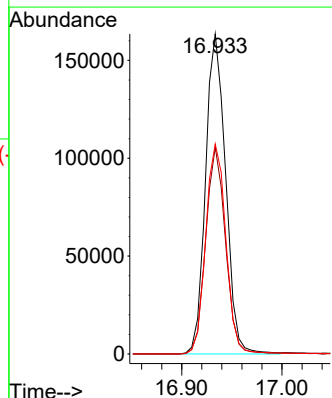
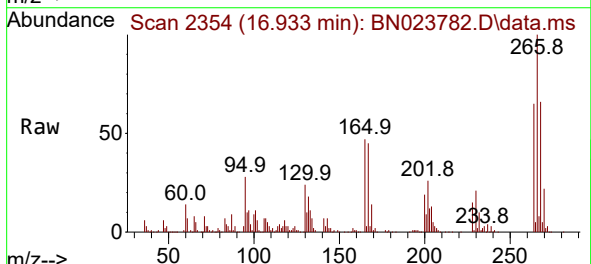
Tgt Ion:266 Resp: 227753

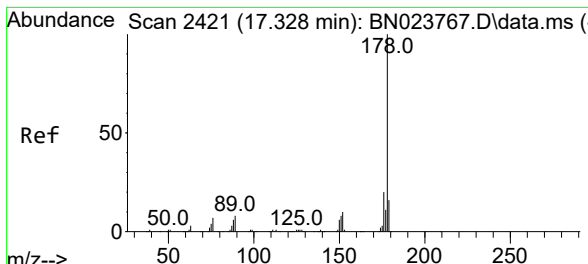
Ion Ratio Lower Upper

266 100

264 64.6 51.4 77.0

268 65.7 54.5 81.7



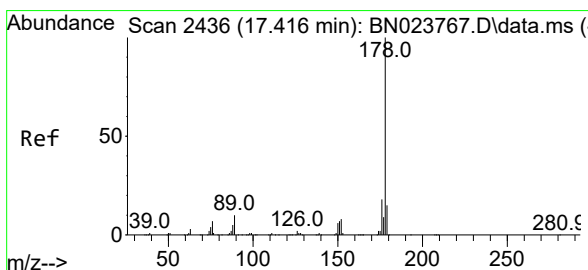
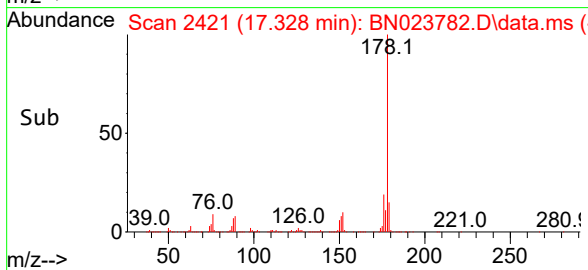
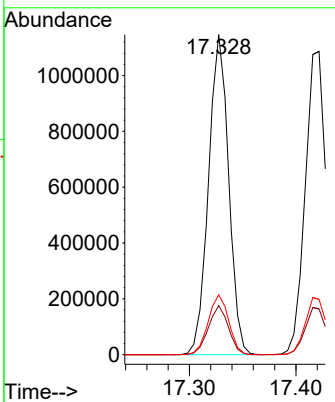
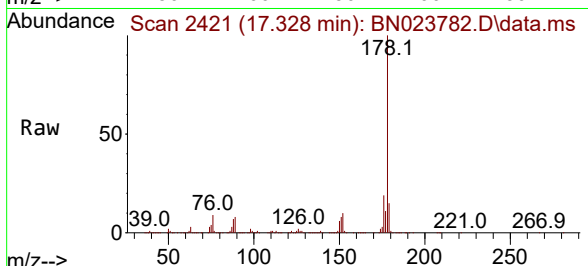


#72
 Phenanthrene
 Concen: 25.086 ng/ul
 RT: 17.328 min Scan# 2421
 Delta R.T. -0.000 min
 Lab File: BN023782.D
 Acq: 24 Jan 2023 18:14

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:178 Resp: 1503995

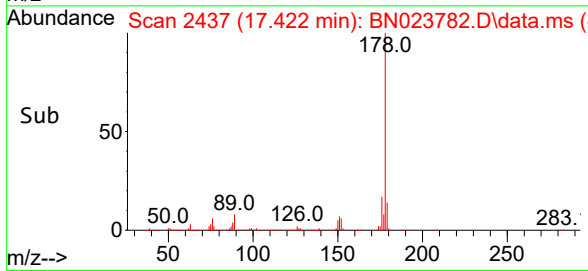
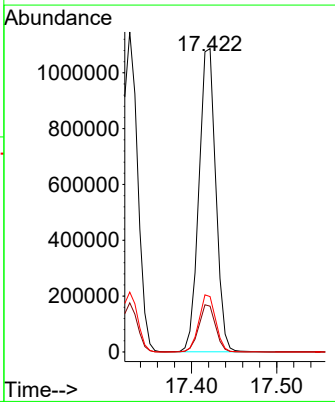
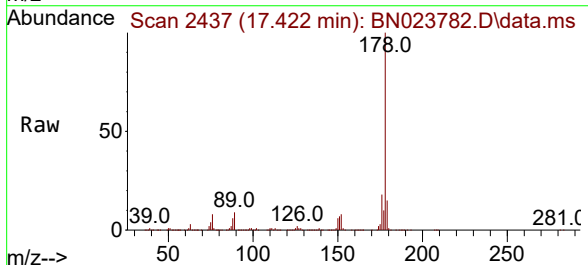
Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.7	15.2	22.8

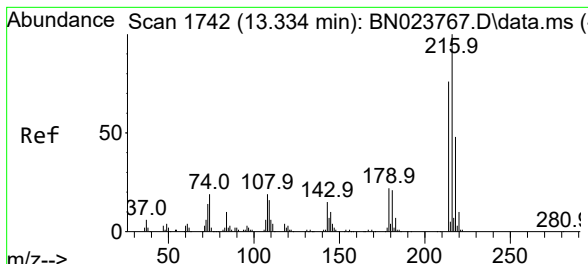


#74
 Anthracene
 Concen: 25.027 ng/ul
 RT: 17.422 min Scan# 2437
 Delta R.T. 0.006 min
 Lab File: BN023782.D
 Acq: 24 Jan 2023 18:14

Tgt Ion:178 Resp: 1493281

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	18.3	15.1	22.7

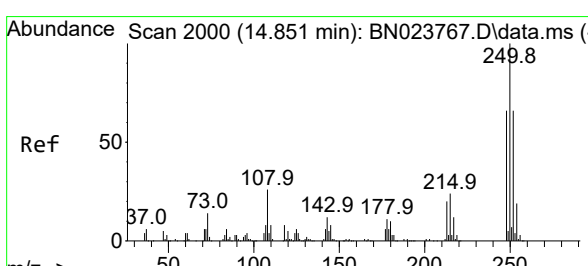
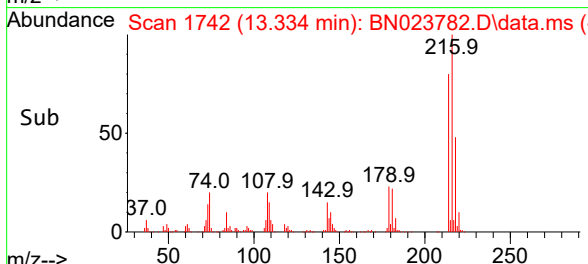
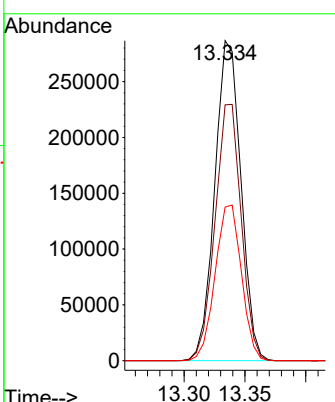
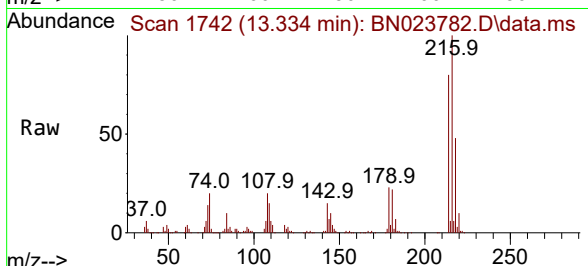




#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 28.452 ng/uL
 RT: 13.334 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN023782.D
 Acq: 24 Jan 2023 18:14

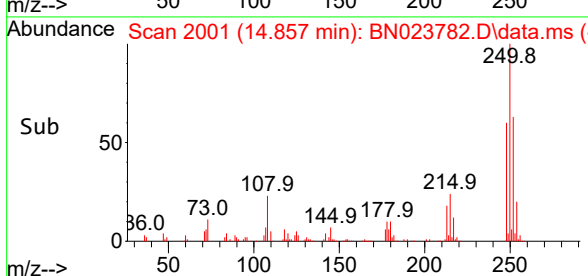
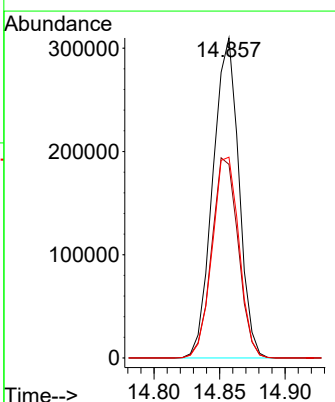
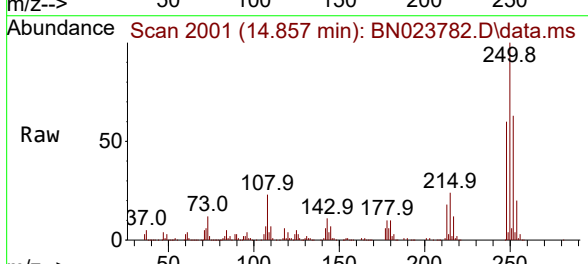
Instrument :
 BNA_N
 ClientSampleId :

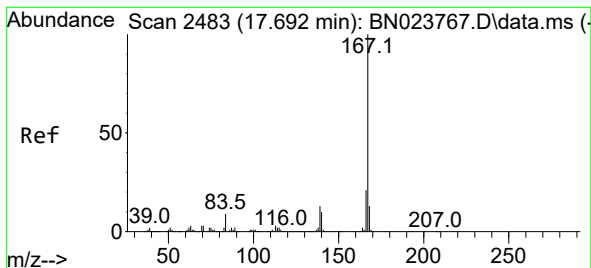
Tgt Ion:	216	Resp:	428606
Ion Ratio	Lower	Upper	
216	100		
214	79.9	61.0	91.4
218	48.0	39.8	59.8



#76
 Pentachlorobenzene
 Concen: 28.325 ng/uL
 RT: 14.857 min Scan# 2001
 Delta R.T. 0.006 min
 Lab File: BN023782.D
 Acq: 24 Jan 2023 18:14

Tgt Ion:	250	Resp:	427405
Ion Ratio	Lower	Upper	
250	100		
248	60.5	50.3	75.5
252	62.7	48.9	73.3





#77

Carbazole

Concen: 26.114 ng/ul

RT: 17.692 min Scan# 2483

Delta R.T. -0.000 min

Lab File: BN023782.D

Acq: 24 Jan 2023 18:14

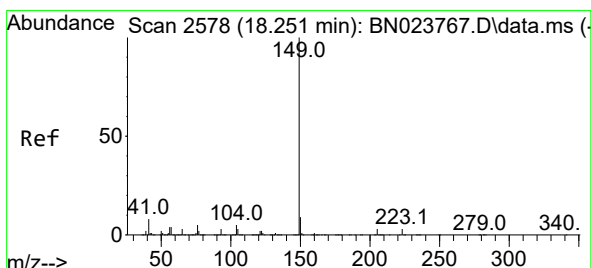
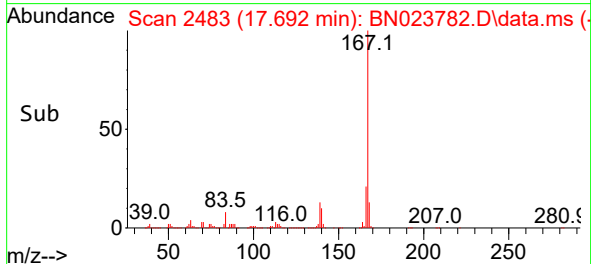
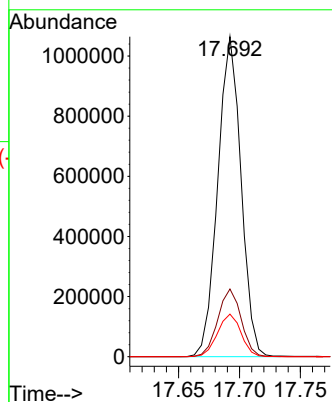
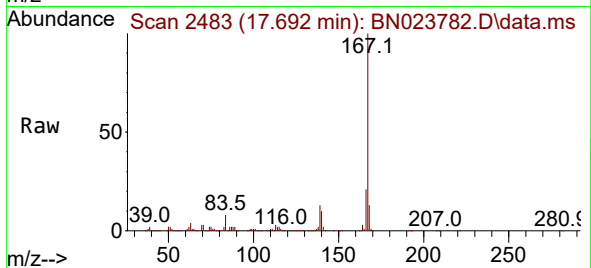
Instrument :

BNA_N

ClientSampleId :

Tgt Ion:167 Resp: 1414786

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.4	26.2
139	13.3	11.0	16.6



#78

Di-n-butylphthalate

Concen: 28.563 ng/ul

RT: 18.251 min Scan# 2578

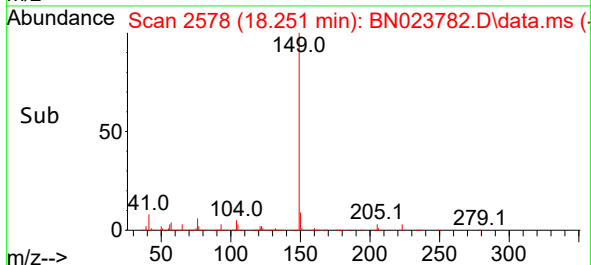
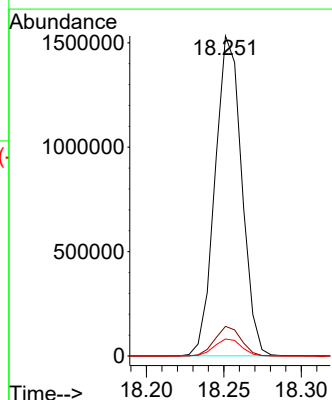
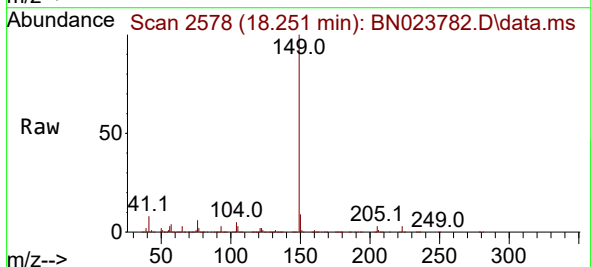
Delta R.T. -0.000 min

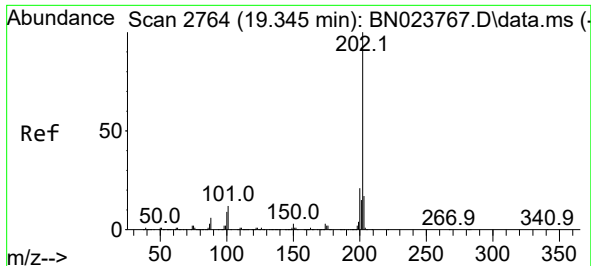
Lab File: BN023782.D

Acq: 24 Jan 2023 18:14

Tgt Ion:149 Resp: 1837250

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	5.3	4.3	6.5

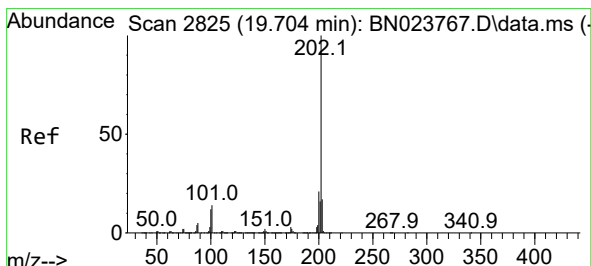
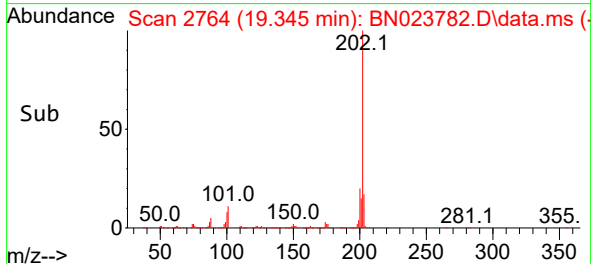
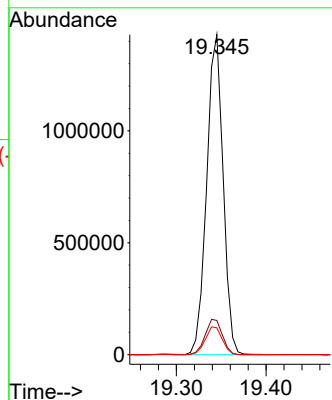
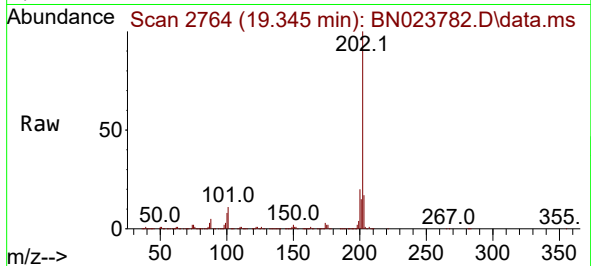




#80
Fluoranthene
Concen: 23.023 ng/ul
RT: 19.345 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN023782.D
Acq: 24 Jan 2023 18:14

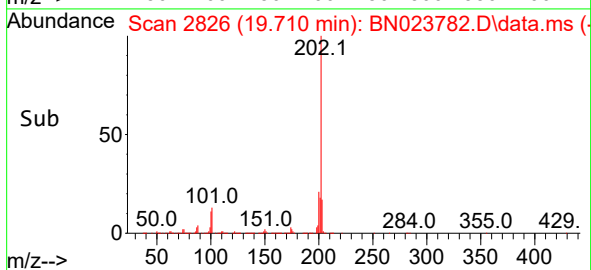
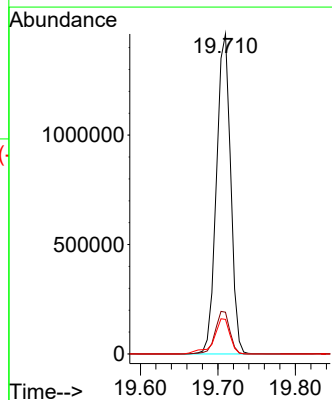
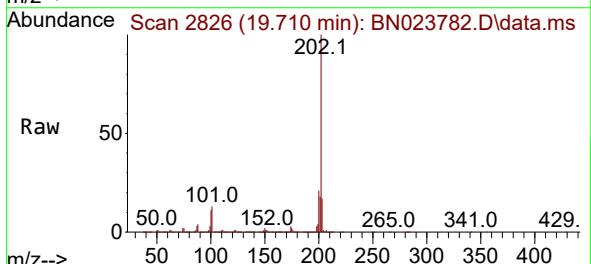
Instrument :
BNA_N
ClientSampleId :

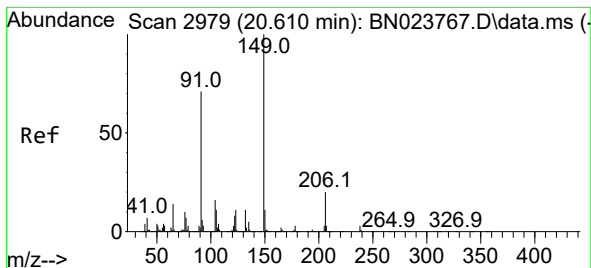
Tgt Ion:202 Resp: 1814635
Ion Ratio Lower Upper
202 100
101 10.7 9.5 14.3
100 8.4 7.3 10.9



#82
Pyrene
Concen: 22.304 ng/ul
RT: 19.710 min Scan# 2826
Delta R.T. 0.006 min
Lab File: BN023782.D
Acq: 24 Jan 2023 18:14

Tgt Ion:202 Resp: 1856765
Ion Ratio Lower Upper
202 100
101 13.0 10.9 16.3
100 10.8 8.9 13.3





#83

Butylbenzylphthalate

Concen: 29.726 ng/ul

RT: 20.610 min Scan# 2979

Delta R.T. -0.000 min

Lab File: BN023782.D

Acq: 24 Jan 2023 18:14

Instrument :

BNA_N

ClientSampleId :

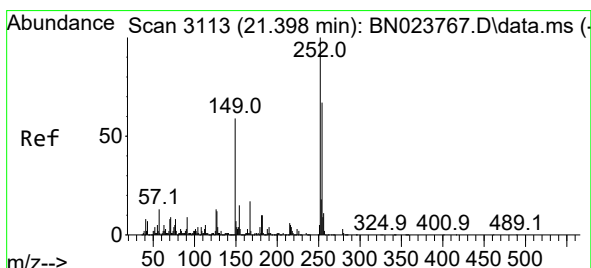
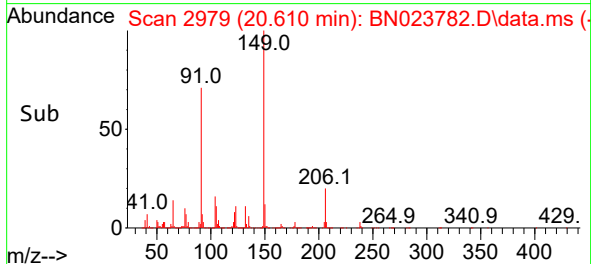
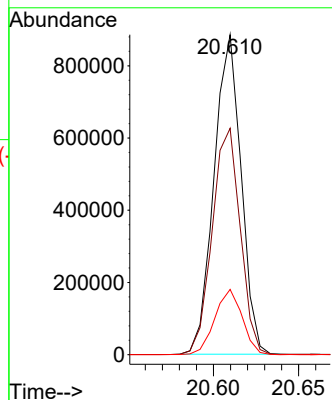
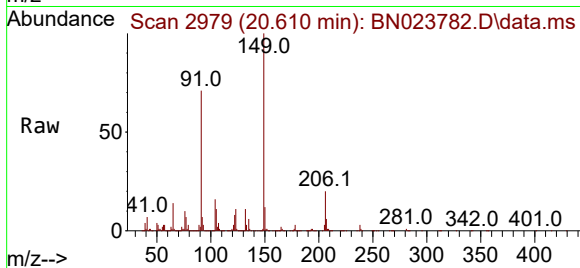
Tgt Ion:149 Resp: 979727

Ion Ratio Lower Upper

149 100

91 70.8 57.9 86.9

206 20.4 16.8 25.2



#84

3,3'-Dichlorobenzidine

Concen: 25.814 ng/ul

RT: 21.398 min Scan# 3113

Delta R.T. -0.000 min

Lab File: BN023782.D

Acq: 24 Jan 2023 18:14

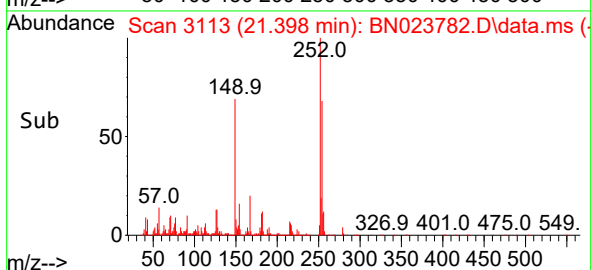
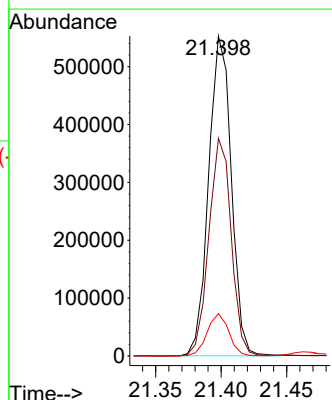
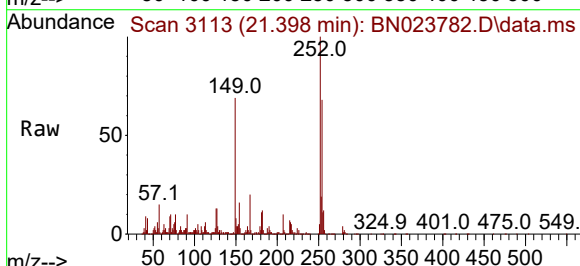
Tgt Ion:252 Resp: 664423

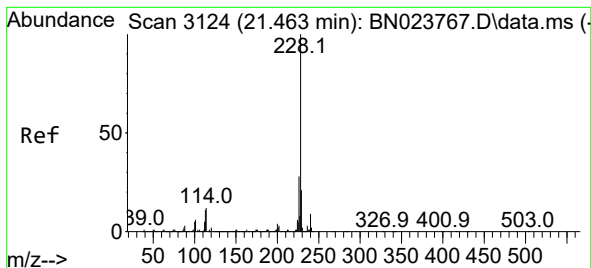
Ion Ratio Lower Upper

252 100

254 68.0 51.2 76.8

126 13.2 8.8 13.2#





#85

Benzo(a)anthracene

Concen: 25.911 ng/ul

RT: 21.463 min Scan# 3124

Delta R.T. -0.000 min

Lab File: BN023782.D

Acq: 24 Jan 2023 18:14

Instrument :

BNA_N

ClientSampleId :

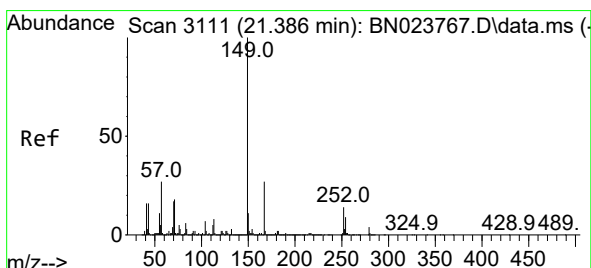
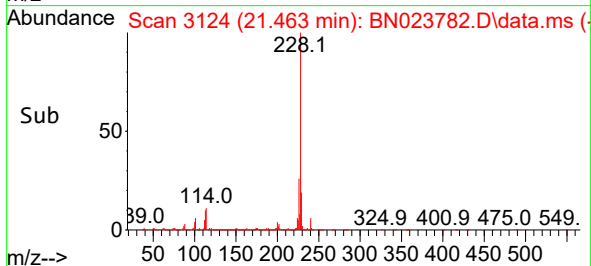
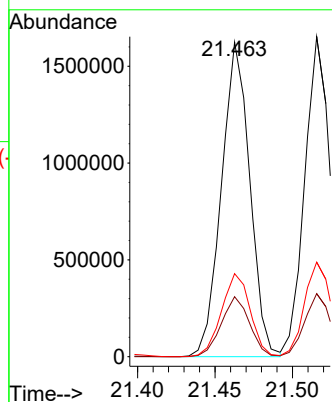
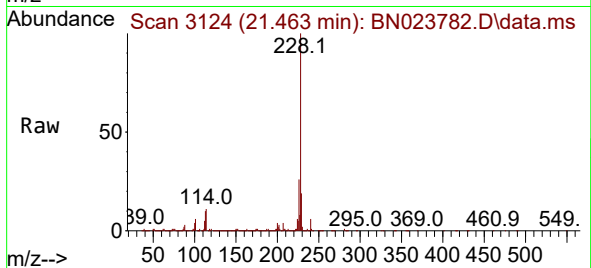
Tgt Ion:228 Resp: 2068027

Ion Ratio Lower Upper

228 100

229 19.1 15.0 22.4

226 26.4 22.1 33.1



#86

Bis(2-ethylhexyl)phthalate

Concen: 30.102 ng/ul

RT: 21.386 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BN023782.D

Acq: 24 Jan 2023 18:14

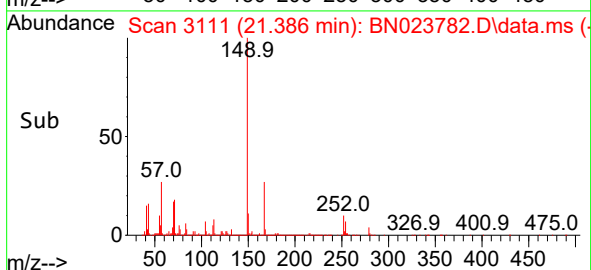
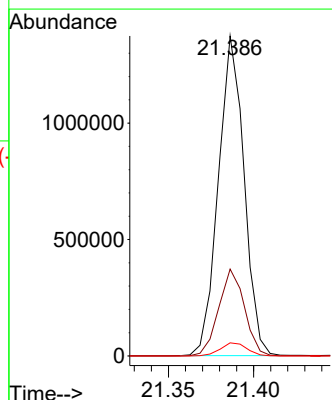
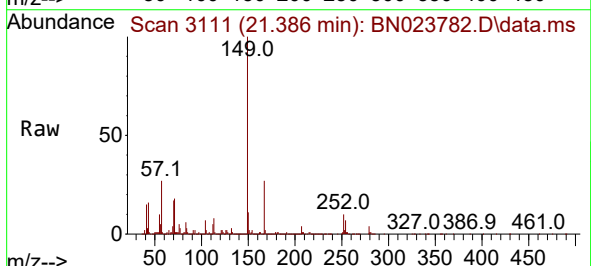
Tgt Ion:149 Resp: 1440481

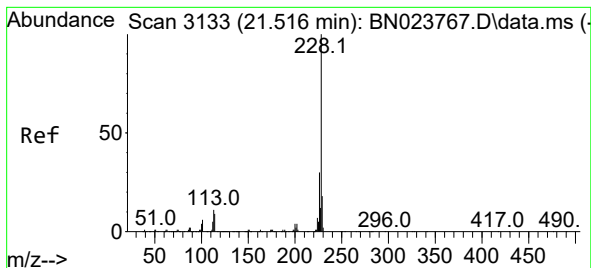
Ion Ratio Lower Upper

149 100

167 27.1 22.0 33.0

279 4.1 3.4 5.2





#87

Chrysene

Concen: 25.352 ng/ul

RT: 21.516 min Scan# 3133

Delta R.T. -0.000 min

Lab File: BN023782.D

Acq: 24 Jan 2023 18:14

Instrument :

BNA_N

ClientSampleId :

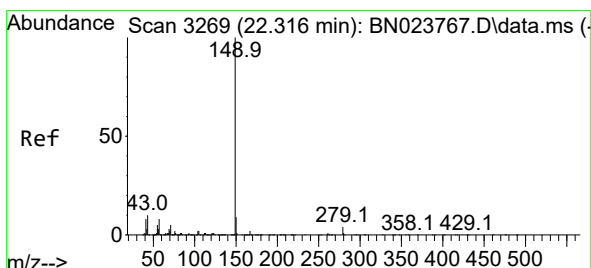
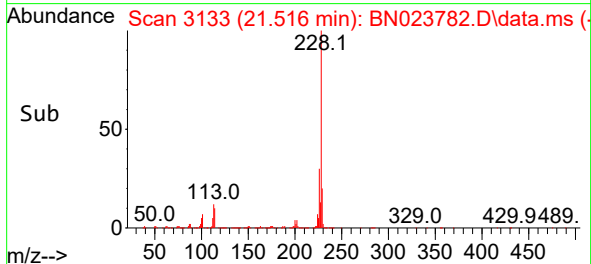
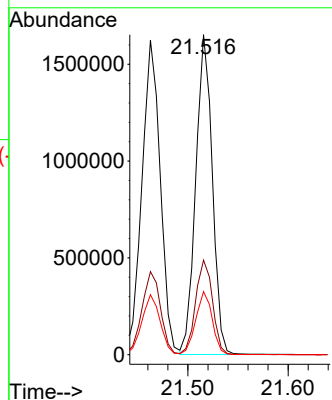
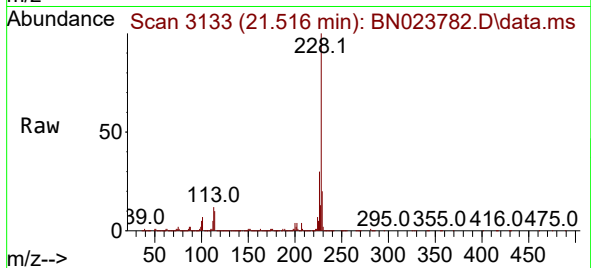
Tgt Ion:228 Resp: 1897179

Ion Ratio Lower Upper

228 100

226 29.6 24.6 37.0

229 19.7 16.8 25.2



#89

Di-n-octyl phthalate

Concen: 29.161 ng/ul

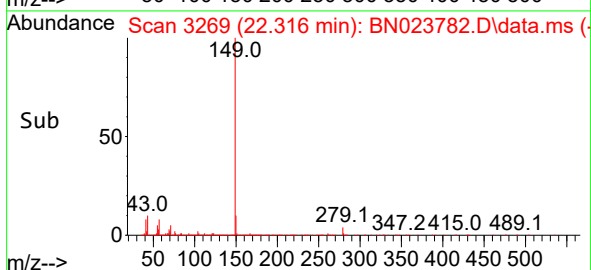
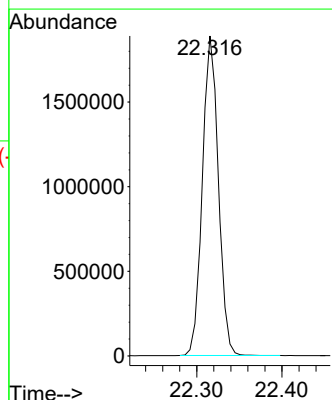
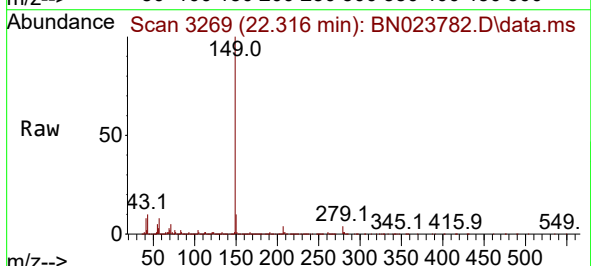
RT: 22.316 min Scan# 3269

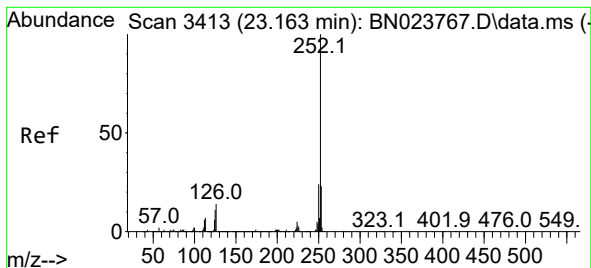
Delta R.T. -0.000 min

Lab File: BN023782.D

Acq: 24 Jan 2023 18:14

Tgt Ion:149 Resp: 2468566





#90

Benzo(b)fluoranthene

Concen: 26.689 ng/ul

RT: 23.163 min Scan# 3413

Delta R.T. -0.000 min

Lab File: BN023782.D

Acq: 24 Jan 2023 18:14

Instrument :

BNA_N

ClientSampleId :

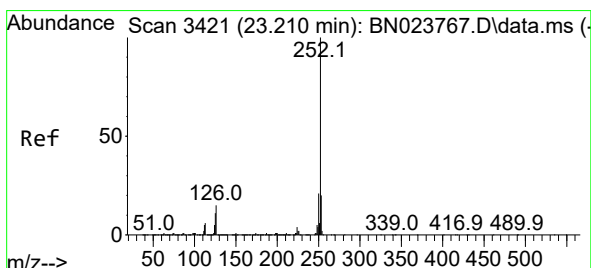
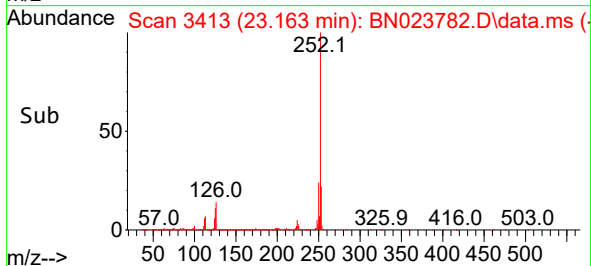
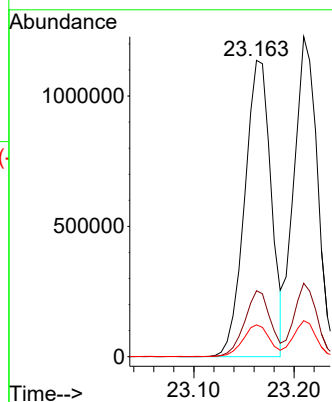
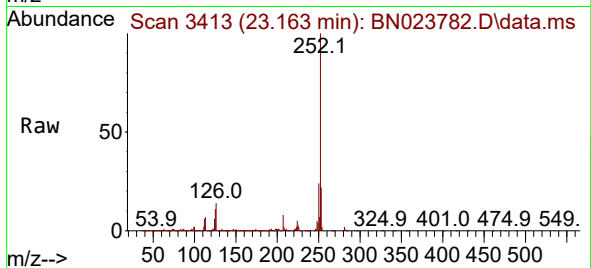
Tgt Ion:252 Resp: 2085235

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

125 10.7 8.6 13.0



#91

Benzo(k)fluoranthene

Concen: 25.662 ng/ul

RT: 23.210 min Scan# 3421

Delta R.T. -0.000 min

Lab File: BN023782.D

Acq: 24 Jan 2023 18:14

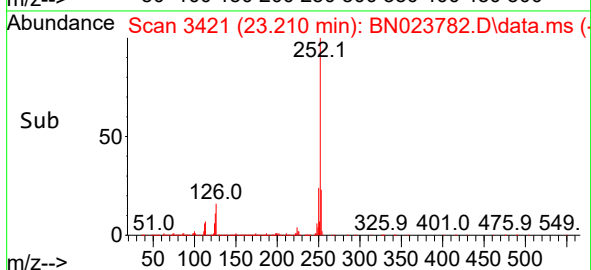
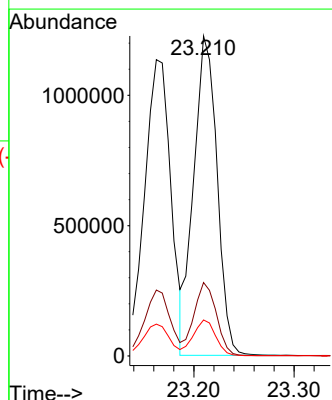
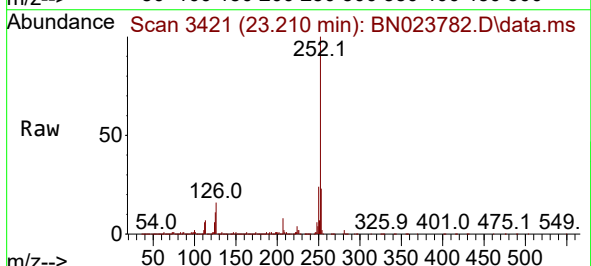
Tgt Ion:252 Resp: 1983125

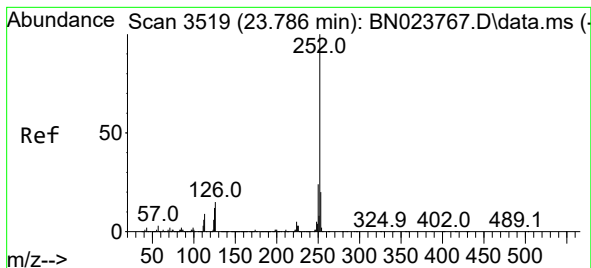
Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.8

125 11.2 8.6 12.8





#93

Benzo(a)pyrene

Concen: 25.718 ng/ul

RT: 23.792 min Scan# 3

Delta R.T. 0.006 min

Lab File: BN023782.D

Acq: 24 Jan 2023 18:14

Instrument :

BNA_N

ClientSampleId :

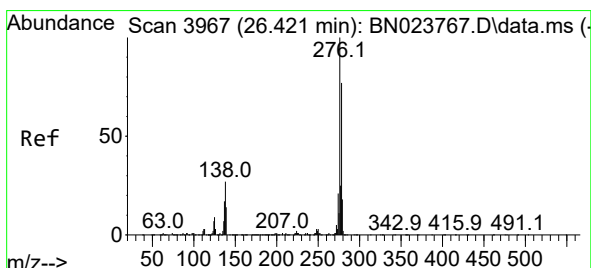
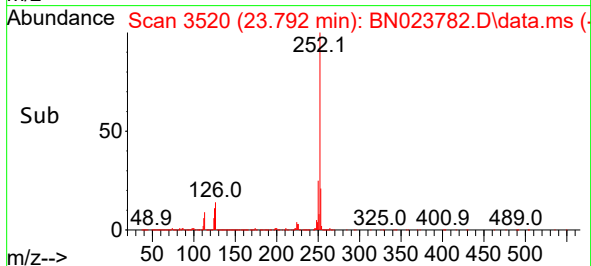
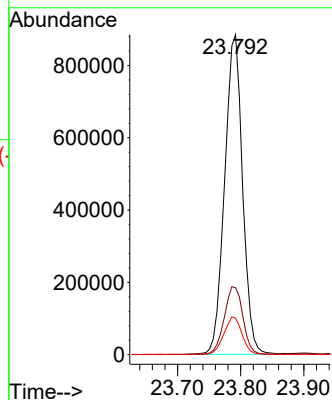
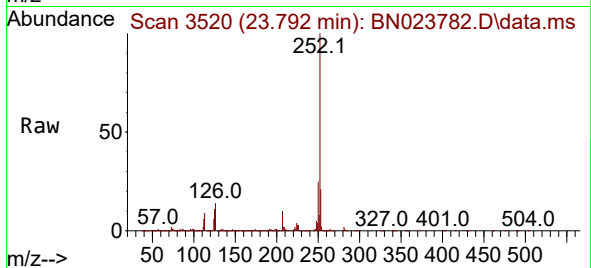
Tgt Ion:252 Resp: 1742634

Ion Ratio Lower Upper

252 100

253 21.0 16.6 25.0

125 11.4 9.8 14.6



#94

Indeno(1,2,3-cd)pyrene

Concen: 24.042 ng/ul

RT: 26.409 min Scan# 3965

Delta R.T. -0.012 min

Lab File: BN023782.D

Acq: 24 Jan 2023 18:14

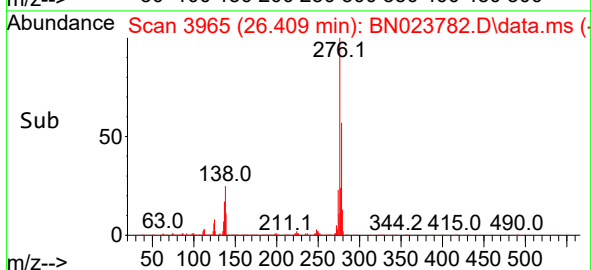
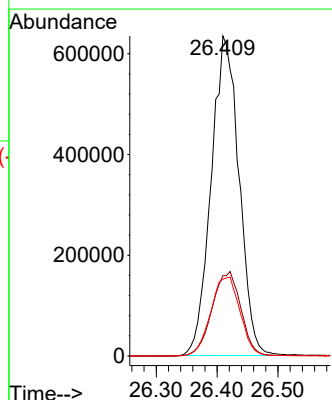
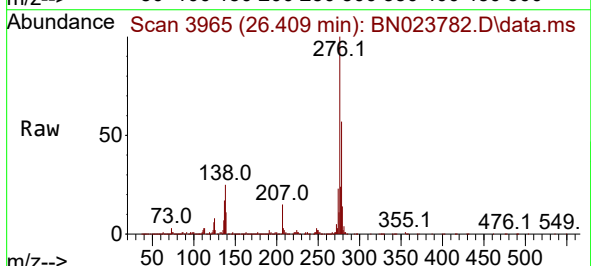
Tgt Ion:276 Resp: 2013286

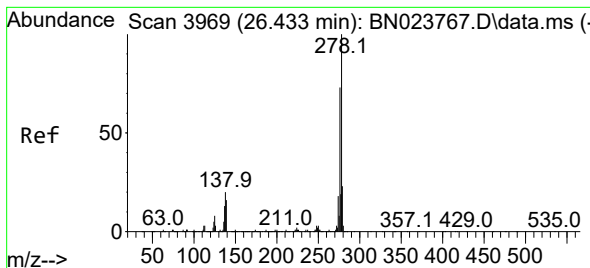
Ion Ratio Lower Upper

276 100

138 25.1 20.6 30.8

277 24.0 18.9 28.3





#95

Dibenzo(a,h)anthracene

Concen: 24.289 ng/ul

RT: 26.433 min Scan# 3969

Delta R.T. -0.000 min

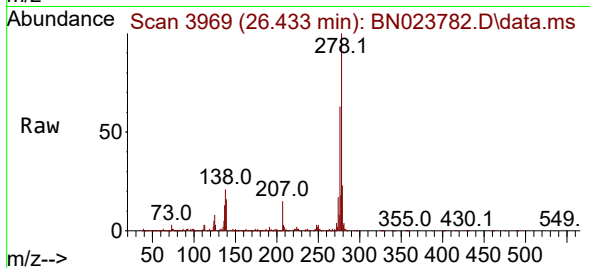
Lab File: BN023782.D

Acq: 24 Jan 2023 18:14

Instrument :

BNA_N

ClientSampleId :



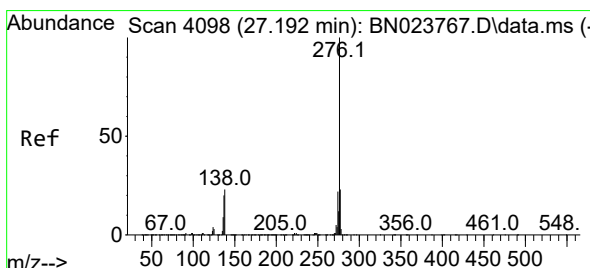
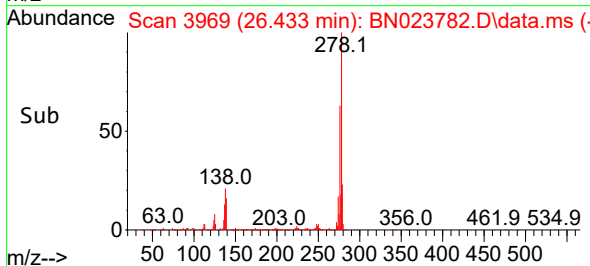
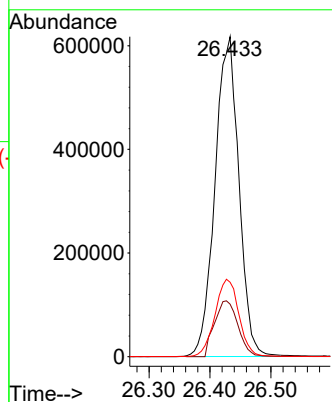
Tgt Ion:278 Resp: 1681775

Ion Ratio Lower Upper

278 100

139 16.4 14.1 21.1

279 23.2 18.0 27.0



#96

Benzo(g,h,i)perylene

Concen: 24.065 ng/ul

RT: 27.192 min Scan# 4098

Delta R.T. -0.000 min

Lab File: BN023782.D

Acq: 24 Jan 2023 18:14

Tgt Ion:276 Resp: 1604894

Ion Ratio Lower Upper

276 100

138 21.4 17.0 25.6

277 23.9 17.6 26.4

