

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012323\
 Data File : BN023786.D
 Acq On : 24 Jan 2023 20:41
 Operator : CG/JU
 Sample : PB150438BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 24 23:59:23 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	168791	20.000	ng/u1	0.00
20) Naphthalene-d8	10.698	136	815324	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.539	164	479104	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.286	188	965506	20.000	ng/u1	0.00
79) Chrysene-d12	21.474	240	823524	20.000	ng/u1	0.00
88) Perylene-d12	23.892	264	685874	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	34131	8.702	ng/uL	0.00
4) Pyridine-d5	3.693	84	357806	30.404	ng/u1	0.00
7) Phenol-d5	7.052	99	639363	42.740	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	398876	43.464	ng/u1	0.00
11) 2-Chlorophenol-d4	7.416	132	516835	45.111	ng/u1	0.00
15) 4-Methylphenol-d8	8.610	113	474564	39.745	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	252528	41.074	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	280443	43.090	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	498489	40.155	ng/u1	0.00
31) 4-Chloroaniline-d4	10.840	131	481295	24.648	ng/u1	0.00
46) Dimethylphthalate-d6	13.951	166	1441450	40.445	ng/u1	0.00
49) Acenaphthylene-d8	14.234	160	1624128	41.129	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	267957	36.931	ng/u1	0.00
60) Fluorene-d10	15.528	176	1185490	38.928	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	236742	40.646	ng/u1	0.00
73) Anthracene-d10	17.380	188	1563035	36.177	ng/u1	0.00
81) Pyrene-d10	19.680	212	2016572	42.816	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.733	264	1402512	41.350	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	65708	15.869	ng/uL	100
5) Pyridine	3.711	79	457943	38.012	ng/u1	98
6) Benzaldehyde	7.022	77	399065	68.881	ng/u1	98
8) Phenol	7.081	94	638367	41.921	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.316	93	511155	42.483	ng/u1	97
12) 2-Chlorophenol	7.452	128	512247	43.265	ng/u1	100
13) 2-Methylphenol	8.340	108	450449	39.307	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.416	45	616218	38.293	ng/u1	98
16) Acetophenone	8.722	105	738588	40.022	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.710	70	382828	41.200	ng/u1	100
18) 4-Methylphenol	8.669	108	485663	38.484	ng/u1	100
19) Hexachloroethane	8.969	117	213570	45.101	ng/u1	97
22) Nitrobenzene	9.099	77	601538	39.093	ng/u1	100
23) Isophorone	9.628	82	1103467	39.652	ng/u1	100
25) 2-Nitrophenol	9.816	139	290865	40.205	ng/u1	99
26) 2,4-Dimethylphenol	9.875	107	549853	37.451	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.116	93	686353	38.024	ng/u1	98
29) 2,4-Dichlorophenol	10.346	162	478802	38.546	ng/u1	97
30) Naphthalene	10.751	128	1602727	36.567	ng/u1	100
32) 4-Chloroaniline	10.863	127	609843	31.183	ng/u1	99
33) Hexachlorobutadiene	11.028	225	287718	37.449	ng/u1	96
34) Caprolactam	11.657	113	94521	22.657	ng/u1	97
35) 4-Chloro-3-methylphenol	11.993	107	463077	34.190	ng/u1	99
36) 2-Methylnaphthalene	12.357	142	939526	32.156	ng/u1	95

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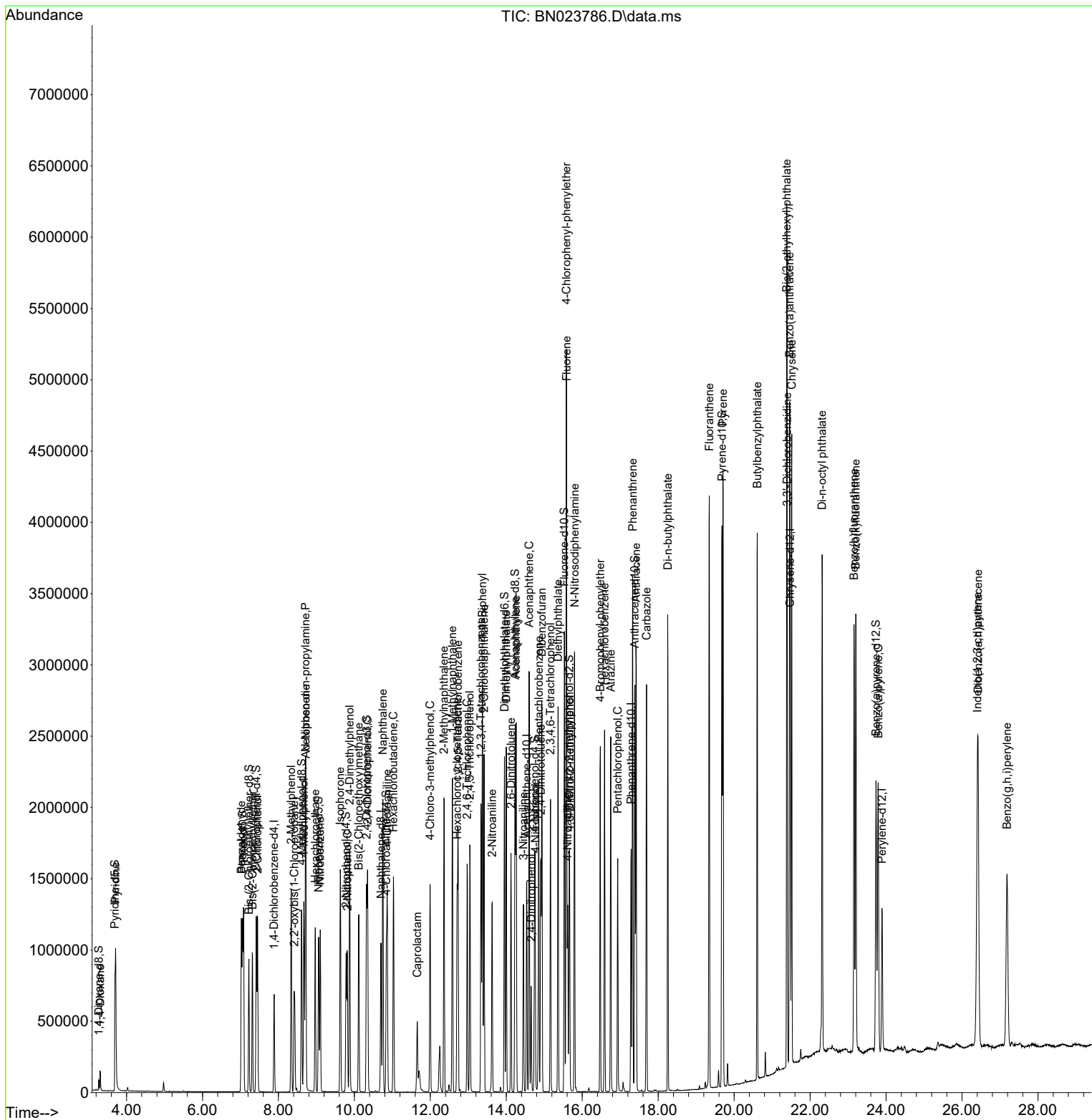
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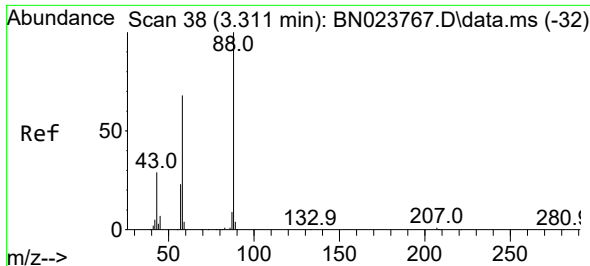
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.581	142	957887	32.090	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.728	216	508306	35.873	ng/ul	98
40) Hexachlorocyclopentadiene	12.704	237	338320	37.883	ng/ul	99
41) 2,4,6-Trichlorophenol	12.969	196	340523	36.458	ng/ul	96
42) 2,4,5-Trichlorophenol	13.040	196	398127	38.976	ng/ul	93
43) 1,1'-Biphenyl	13.369	154	1405565	38.026	ng/ul	98
44) 2-Chloronaphthalene	13.416	162	1102048	38.430	ng/ul	100
45) 2-Nitroaniline	13.628	65	347407	43.929	ng/ul	96
47) Dimethylphthalate	13.998	163	1410483	39.385	ng/ul	99
48) 2,6-Dinitrotoluene	14.122	165	300886	44.442	ng/ul	96
50) Acenaphthylene	14.257	152	1687246	38.427	ng/ul	99
51) 3-Nitroaniline	14.451	138	293952	43.327	ng/ul	98
52) Acenaphthene	14.604	153	1155941	37.341	ng/ul	99
53) 2,4-Dinitrophenol	14.657	184	137943	31.174	ng/ul	97
55) 4-Nitrophenol	14.763	109	212008	36.183	ng/ul	98
56) Dibenzofuran	14.934	168	1616178	37.508	ng/ul	97
57) 2,4-Dinitrotoluene	14.910	165	427475	43.250	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.163	232	354999	40.559	ng/ul	98
59) Diethylphthalate	15.363	149	1454167	40.535	ng/ul	99
61) Fluorene	15.586	166	1268638	36.359	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.581	204	646273	38.047	ng/ul	96
63) 4-Nitroaniline	15.616	138	307155	49.172	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.669	198	225638	39.256	ng/ul	98
67) N-Nitrosodiphenylamine	15.798	169	1130173	41.711	ng/ul	99
68) 4-Bromophenyl-phenylether	16.475	248	409085	42.271	ng/ul	96
69) Hexachlorobenzene	16.586	284	470560	41.492	ng/ul	97
70) Atrazine	16.751	200	408426	40.276	ng/ul	98
71) Pentachlorophenol	16.933	266	261537	36.134	ng/ul	98
72) Phenanthrene	17.328	178	1914951	37.015	ng/ul	99
74) Anthracene	17.416	178	1793456	34.833	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.334	216	564451	43.423	ng/ul	97
76) Pentachlorobenzene	14.857	250	524787	40.304	ng/ul	94
77) Carbazole	17.692	167	1652332	35.344	ng/ul	100
78) Di-n-butylphthalate	18.251	149	2234033	40.249	ng/ul	100
80) Fluoranthene	19.345	202	2369658	43.016	ng/ul	100
82) Pyrene	19.704	202	2398088	41.214	ng/ul	99
83) Butylbenzylphthalate	20.610	149	1085679	47.130	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.398	252	733004	40.746	ng/ul	97
85) Benzo(a)anthracene	21.463	228	2188485	39.232	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.386	149	1559035	46.613	ng/ul	99
87) Chrysene	21.516	228	2074682	39.666	ng/ul	97
89) Di-n-octyl phthalate	22.316	149	2449374	51.744	ng/ul	100
90) Benzo(b)fluoranthene	23.157	252	1910794	43.736	ng/ul	99
91) Benzo(k)fluoranthene	23.204	252	1888255	43.696	ng/ul	99
93) Benzo(a)pyrene	23.792	252	1534671	40.503	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.404	276	1957056	41.793	ng/ul	98
95) Dibenzo(a,h)anthracene	26.421	278	1643085	42.436	ng/ul	98
96) Benzo(g,h,i)perylene	27.186	276	1573000	42.180	ng/ul	98

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

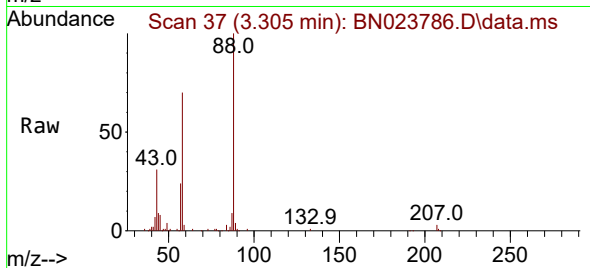
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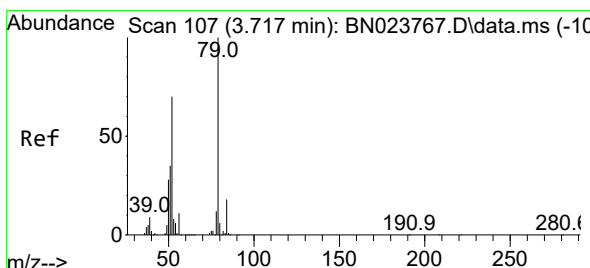
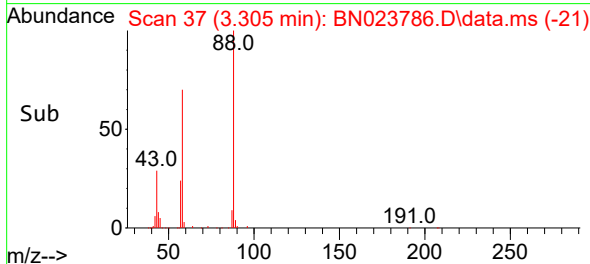
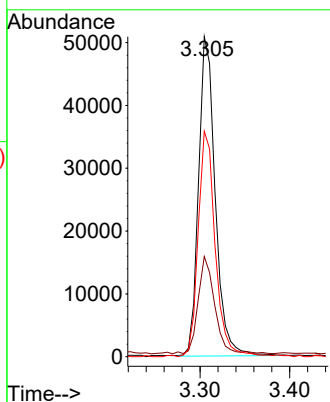


#2
1,4-Dioxane
Concen: 15.869 ng/uL
RT: 3.305 min Scan# 31
Delta R.T. -0.006 min
Lab File: BN023786.D
Acq: 24 Jan 2023 20:41

Instrument :
BNA_N
ClientSampleId :

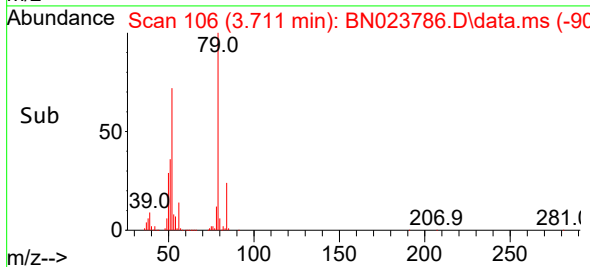
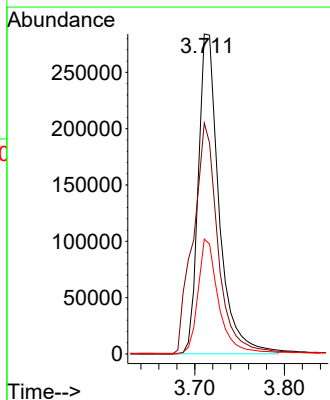
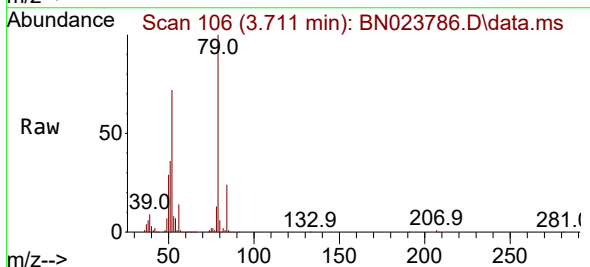


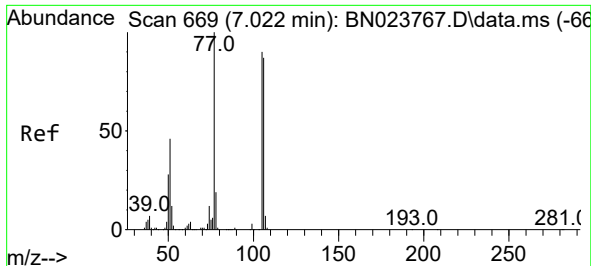
Tgt Ion: 88 Resp: 65708
Ion Ratio Lower Upper
88 100
43 31.3 24.6 36.8
58 70.5 56.2 84.4



#5
Pyridine
Concen: 38.012 ng/uL
RT: 3.711 min Scan# 106
Delta R.T. -0.006 min
Lab File: BN023786.D
Acq: 24 Jan 2023 20:41

Tgt Ion: 79 Resp: 457943
Ion Ratio Lower Upper
79 100
52 72.2 59.9 89.9
51 35.9 28.6 42.8

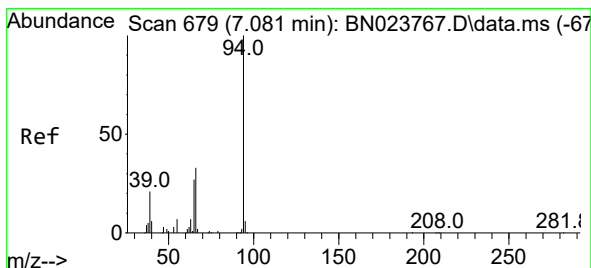
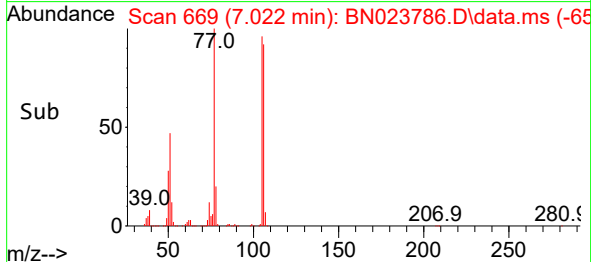
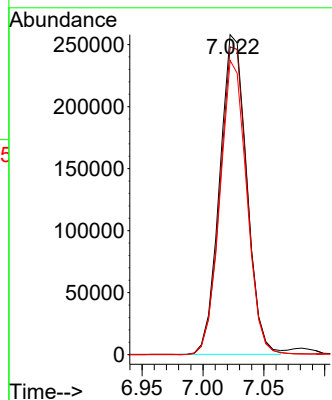
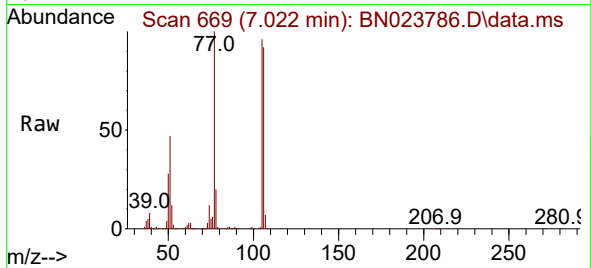




#6
Benzaldehyde
Concen: 68.881 ng/ul
RT: 7.022 min Scan# 669
Delta R.T. -0.000 min
Lab File: BN023786.D
Acq: 24 Jan 2023 20:41

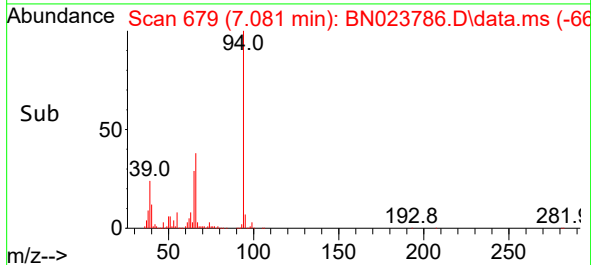
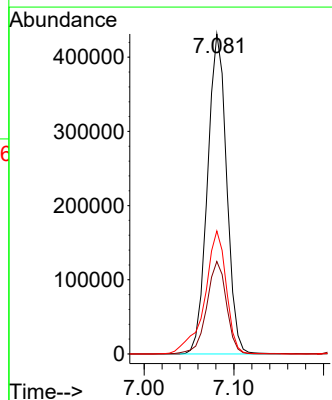
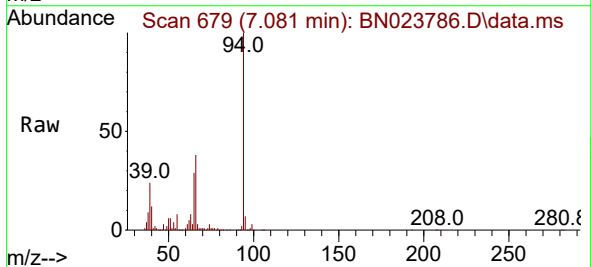
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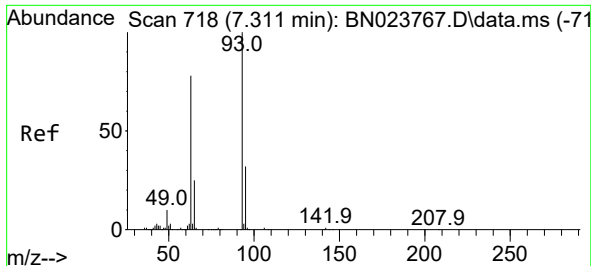
Tgt Ion: 77 Resp: 399065
Ion Ratio Lower Upper
77 100
105 96.2 75.1 112.7
106 91.9 72.8 109.2



#8
Phenol
Concen: 41.921 ng/ul
RT: 7.081 min Scan# 679
Delta R.T. -0.000 min
Lab File: BN023786.D
Acq: 24 Jan 2023 20:41

Tgt Ion: 94 Resp: 638367
Ion Ratio Lower Upper
94 100
65 28.9 23.7 35.5
66 38.4 29.9 44.9

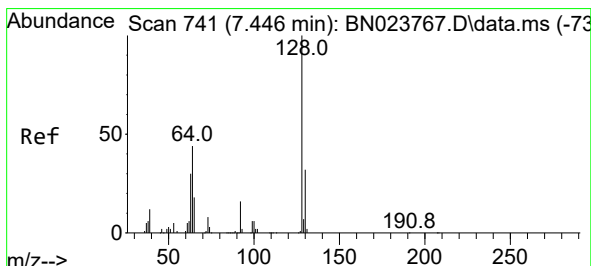
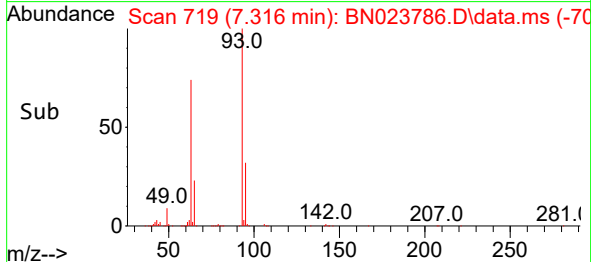
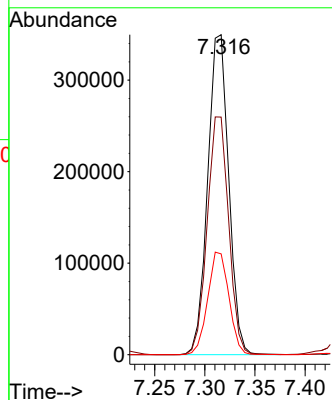
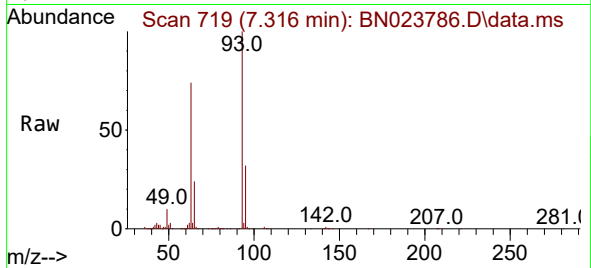




#10
 Bis(2-Chloroethyl)ether
 Concen: 42.483 ng/ul
 RT: 7.316 min Scan# 718
 Delta R.T. 0.006 min
 Lab File: BN023786.D
 Acq: 24 Jan 2023 20:41

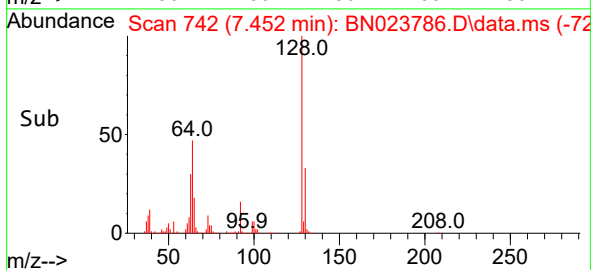
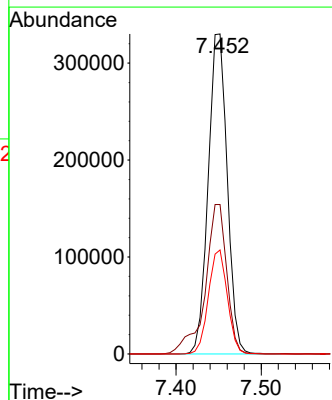
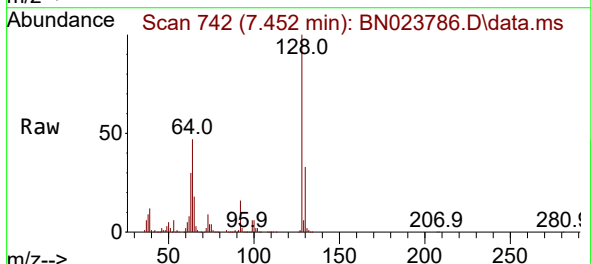
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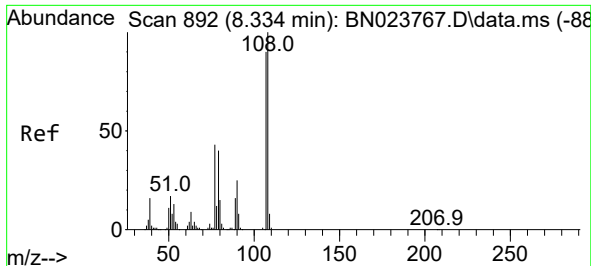
Tgt Ion: 93 Resp: 511155
 Ion Ratio Lower Upper
 93 100
 63 74.3 61.2 91.8
 95 31.5 26.6 40.0



#12
 2-Chlorophenol
 Concen: 43.265 ng/ul
 RT: 7.452 min Scan# 742
 Delta R.T. 0.006 min
 Lab File: BN023786.D
 Acq: 24 Jan 2023 20:41

Tgt Ion:128 Resp: 512247
 Ion Ratio Lower Upper
 128 100
 64 46.7 37.4 56.2
 130 32.5 25.6 38.4





#13

2-Methylphenol

Concen: 39.307 ng/ul

RT: 8.340 min Scan# 892

Delta R.T. 0.006 min

Lab File: BN023786.D

Acq: 24 Jan 2023 20:41

Instrument :

BNA_N

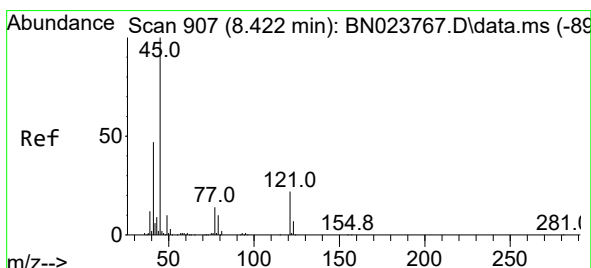
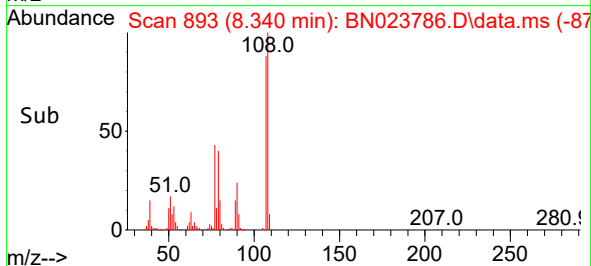
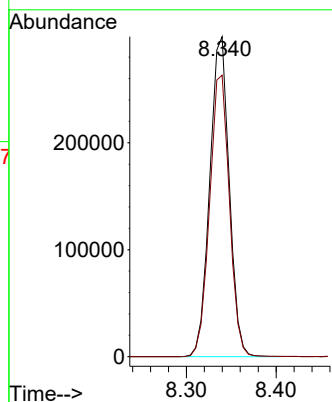
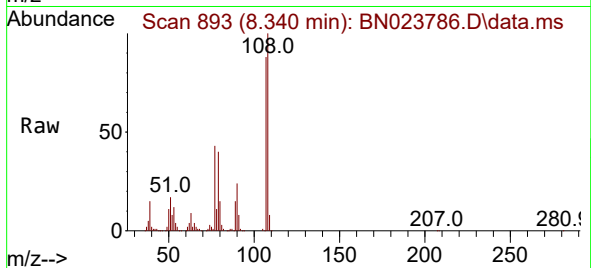
ClientSampleId :

Tgt Ion:108 Resp: 450449

Ion Ratio Lower Upper

108 100

107 88.0 72.3 108.5



#14

2,2'-oxybis(1-Chloropropane)

Concen: 38.293 ng/ul

RT: 8.416 min Scan# 906

Delta R.T. -0.006 min

Lab File: BN023786.D

Acq: 24 Jan 2023 20:41

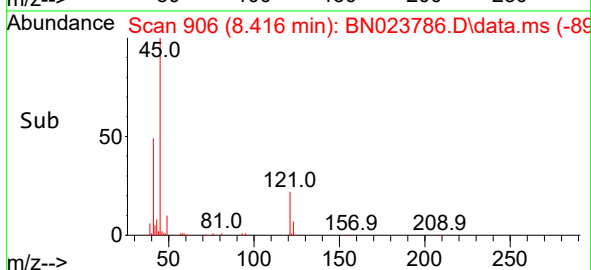
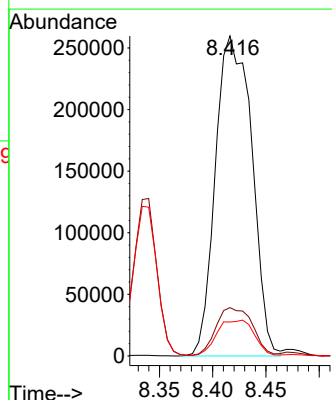
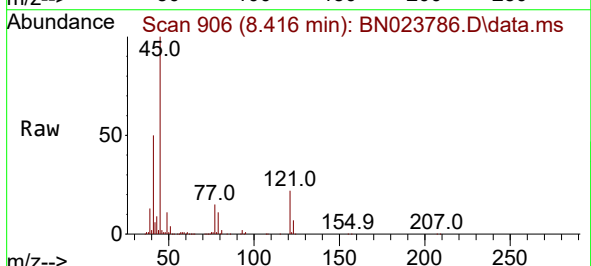
Tgt Ion: 45 Resp: 616218

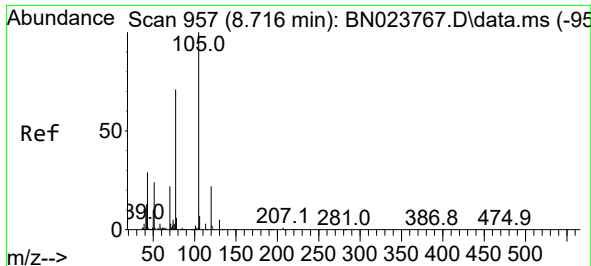
Ion Ratio Lower Upper

45 100

77 15.1 11.4 17.2

79 10.6 8.8 13.2

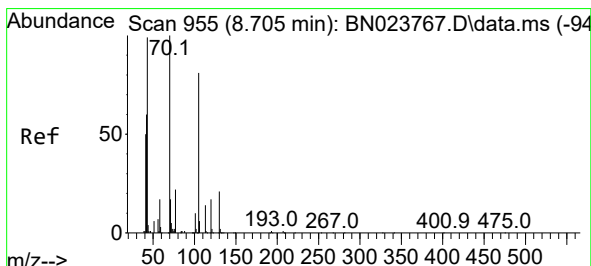
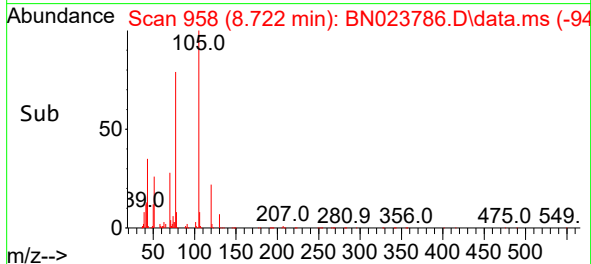
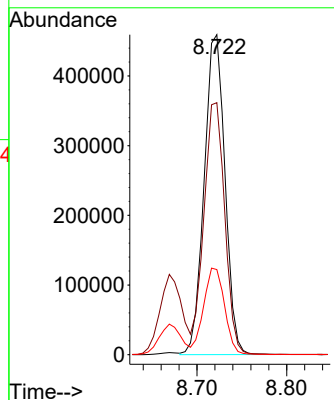
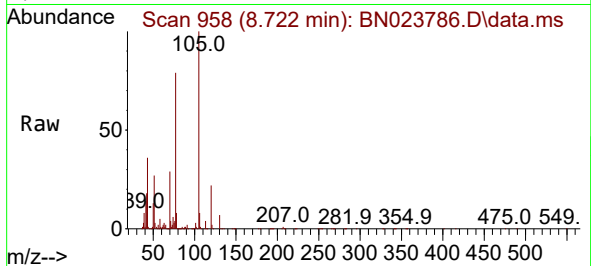




#16
Acetophenone
Concen: 40.022 ng/ul
RT: 8.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: BN023786.D
Acq: 24 Jan 2023 20:41

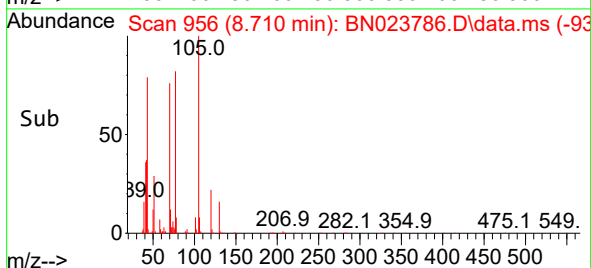
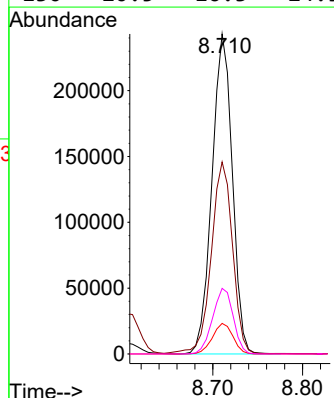
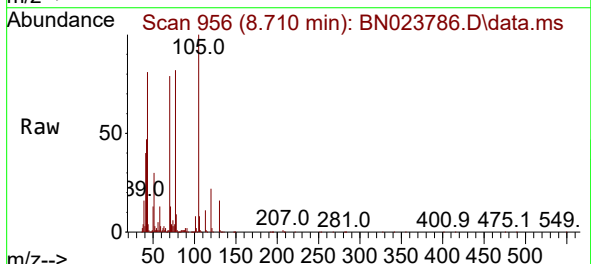
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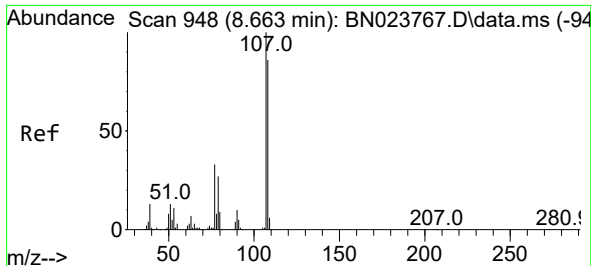
Tgt Ion:105 Resp: 738588
Ion Ratio Lower Upper
105 100
77 78.7 64.2 96.2
51 26.6 22.0 33.0



#17
N-Nitroso-di-n-propylamine
Concen: 41.200 ng/ul
RT: 8.710 min Scan# 956
Delta R.T. 0.006 min
Lab File: BN023786.D
Acq: 24 Jan 2023 20:41

Tgt Ion: 70 Resp: 382828
Ion Ratio Lower Upper
70 100
42 60.0 47.8 71.6
101 9.6 7.8 11.6
130 20.5 16.3 24.5

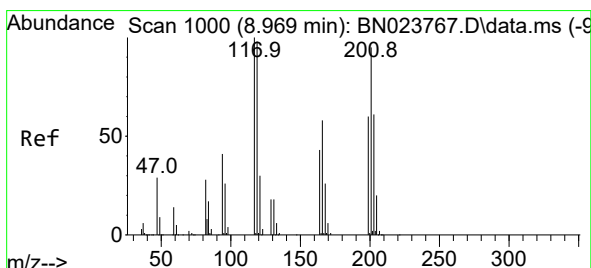
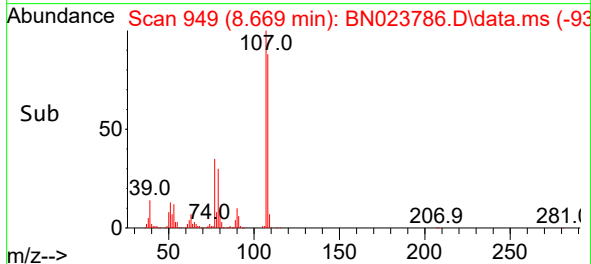
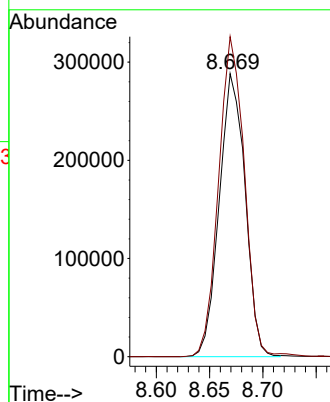
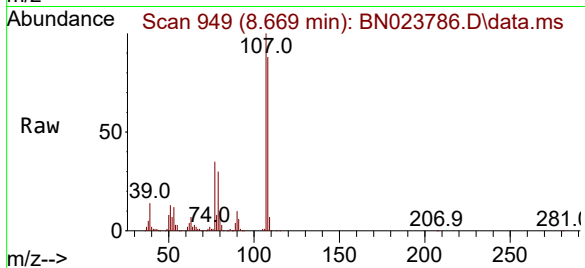




#18
4-Methylphenol
Concen: 38.484 ng/ul
RT: 8.669 min Scan# 948
Delta R.T. 0.006 min
Lab File: BN023786.D
Acq: 24 Jan 2023 20:41

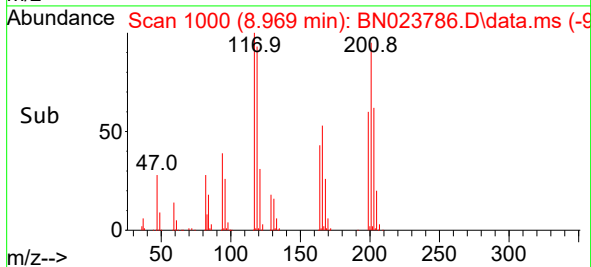
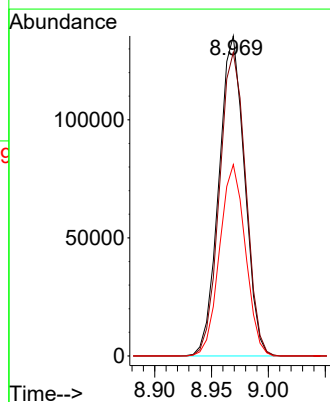
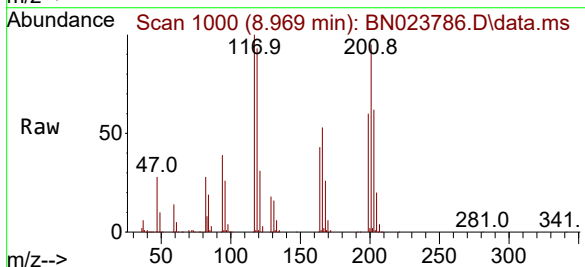
Instrument :
BNA_N
ClientSampleId :

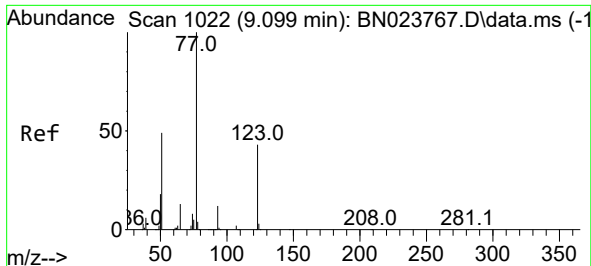
Tgt Ion:108 Resp: 485663
Ion Ratio Lower Upper
108 100
107 113.0 90.7 136.1



#19
Hexachloroethane
Concen: 45.101 ng/ul
RT: 8.969 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BN023786.D
Acq: 24 Jan 2023 20:41

Tgt Ion:117 Resp: 213570
Ion Ratio Lower Upper
117 100
201 94.9 76.9 115.3
199 59.8 44.6 67.0





#22

Nitrobenzene

Concen: 39.093 ng/ul

RT: 9.099 min Scan# 1022

Delta R.T. -0.000 min

Lab File: BN023786.D

Acq: 24 Jan 2023 20:41

Instrument :

BNA_N

ClientSampleId :

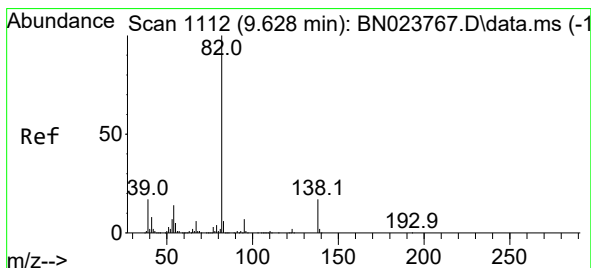
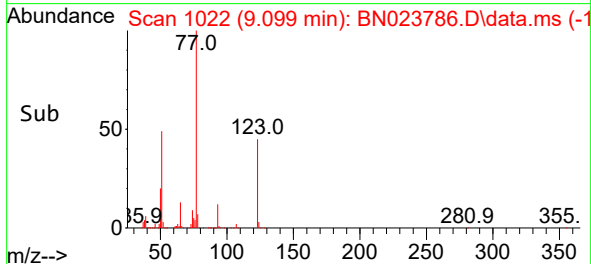
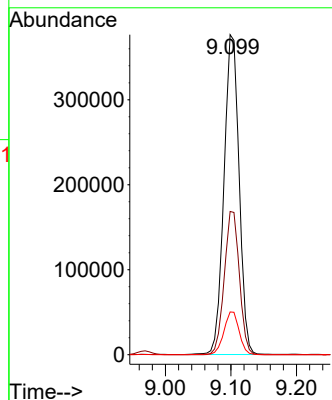
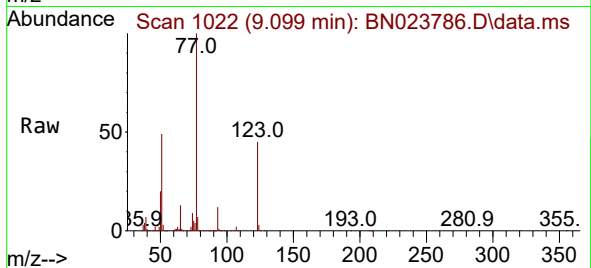
Tgt Ion: 77 Resp: 601538

Ion Ratio Lower Upper

77 100

123 44.7 35.6 53.4

65 13.3 11.0 16.4



#23

Isophorone

Concen: 39.652 ng/ul

RT: 9.628 min Scan# 1112

Delta R.T. -0.000 min

Lab File: BN023786.D

Acq: 24 Jan 2023 20:41

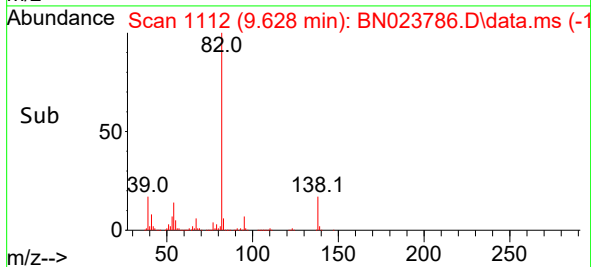
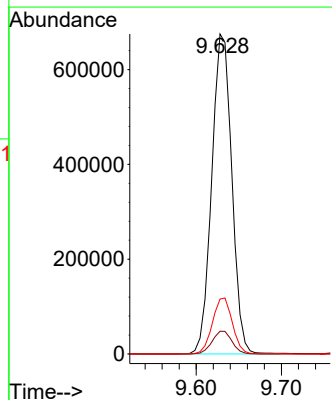
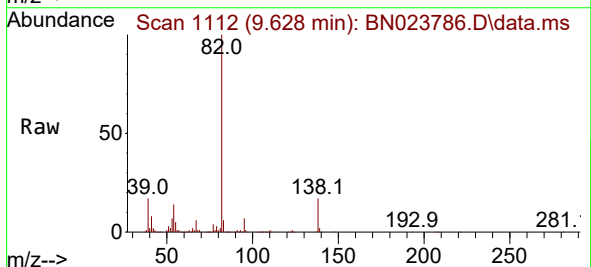
Tgt Ion: 82 Resp: 1103467

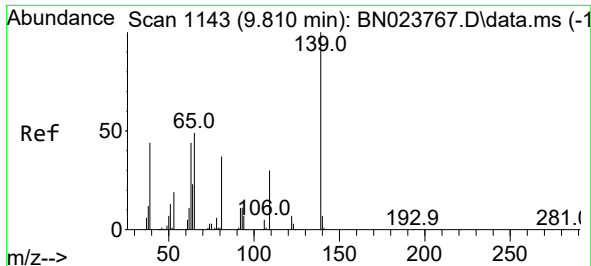
Ion Ratio Lower Upper

82 100

95 7.1 5.5 8.3

138 17.2 13.8 20.8





#25

2-Nitrophenol

Concen: 40.205 ng/ul

RT: 9.816 min Scan# 1143

Delta R.T. 0.006 min

Lab File: BN023786.D

Acq: 24 Jan 2023 20:41

Instrument :

BNA_N

ClientSampleId :

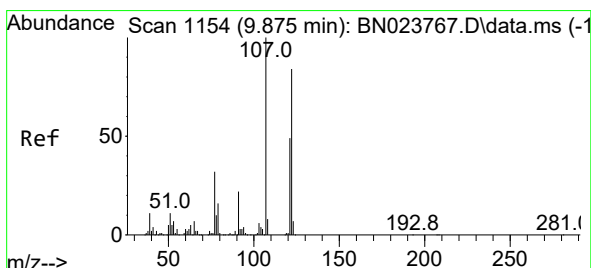
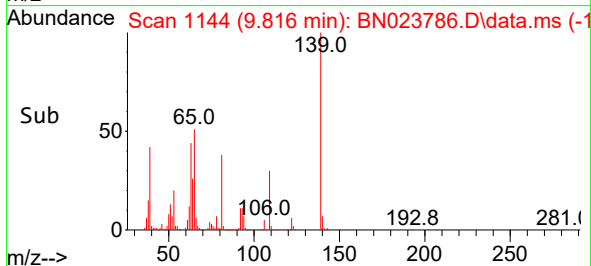
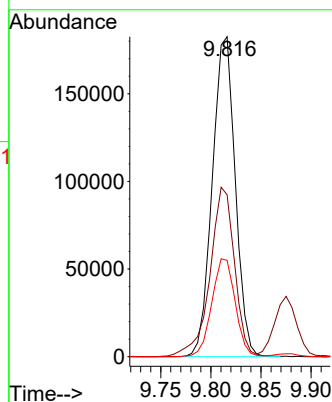
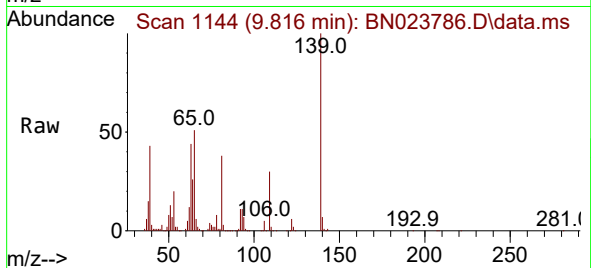
Tgt Ion:139 Resp: 290865

Ion Ratio Lower Upper

139 100

65 50.6 40.3 60.5

109 30.1 24.6 37.0



#26

2,4-Dimethylphenol

Concen: 37.451 ng/ul

RT: 9.875 min Scan# 1154

Delta R.T. -0.000 min

Lab File: BN023786.D

Acq: 24 Jan 2023 20:41

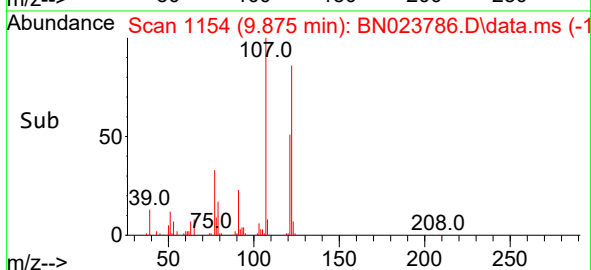
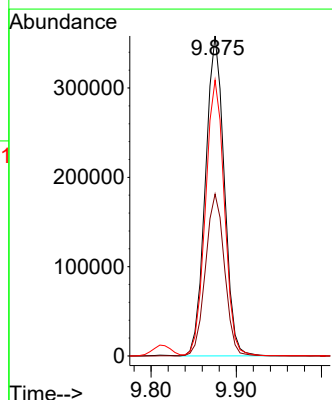
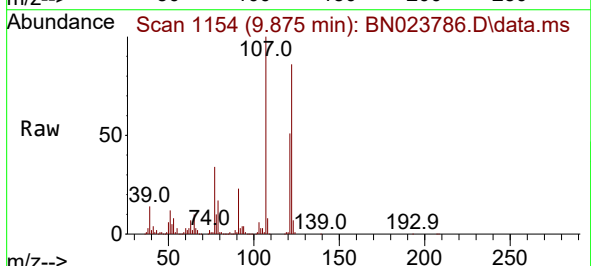
Tgt Ion:107 Resp: 549853

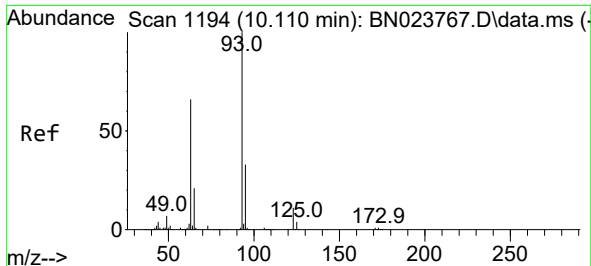
Ion Ratio Lower Upper

107 100

121 50.6 40.4 60.6

122 86.2 67.0 100.4

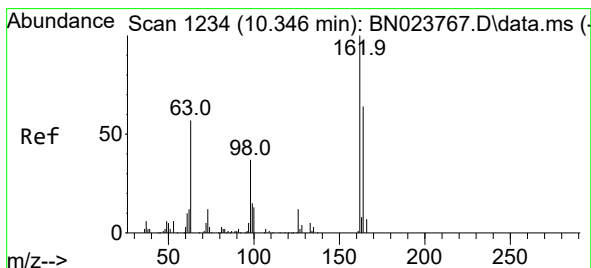
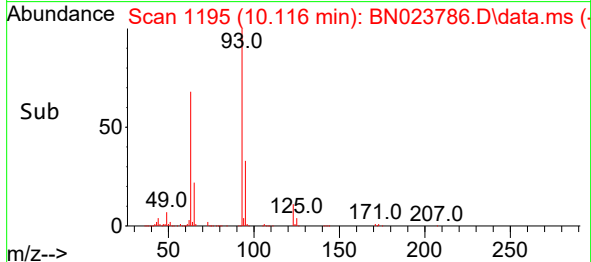
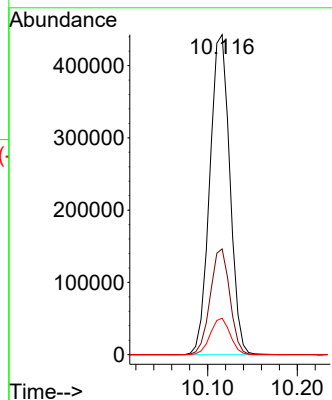
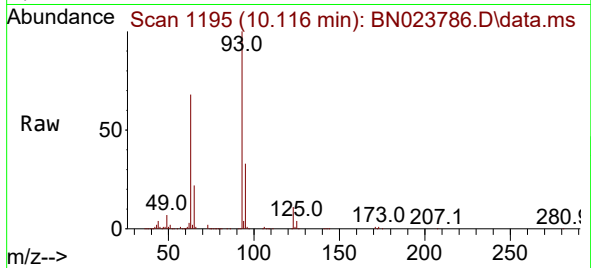




#27
 Bis(2-Chloroethoxy)methane
 Concen: 38.024 ng/ul
 RT: 10.116 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: BN023786.D
 Acq: 24 Jan 2023 20:41

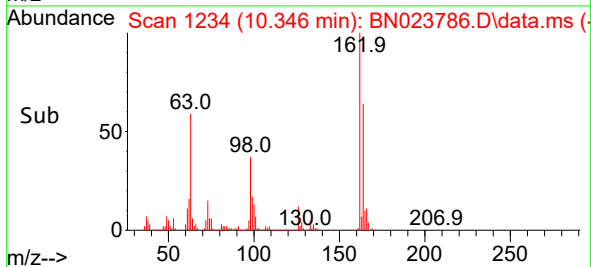
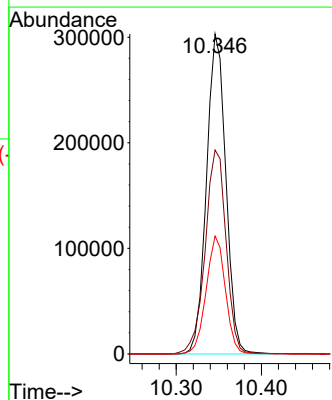
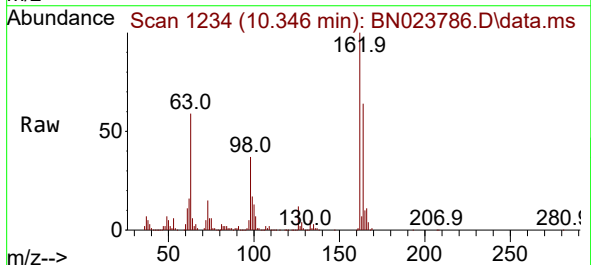
Instrument :
 BNA_N
 ClientSampleId :

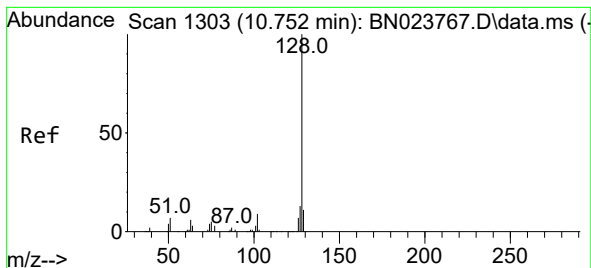
Tgt Ion: 93 Resp: 686353
 Ion Ratio Lower Upper
 93 100
 95 33.0 25.5 38.3
 123 11.4 9.4 14.2



#29
 2,4-Dichlorophenol
 Concen: 38.546 ng/ul
 RT: 10.346 min Scan# 1234
 Delta R.T. -0.000 min
 Lab File: BN023786.D
 Acq: 24 Jan 2023 20:41

Tgt Ion: 162 Resp: 478802
 Ion Ratio Lower Upper
 162 100
 164 63.7 53.8 80.6
 98 36.8 28.8 43.2





#30

Naphthalene

Concen: 36.567 ng/ul

RT: 10.751 min Scan# 1303

Delta R.T. -0.000 min

Lab File: BN023786.D

Acq: 24 Jan 2023 20:41

Instrument :

BNA_N

ClientSampleId :

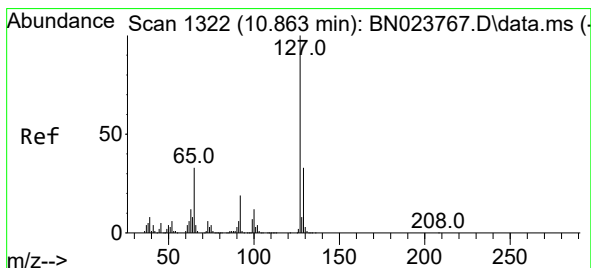
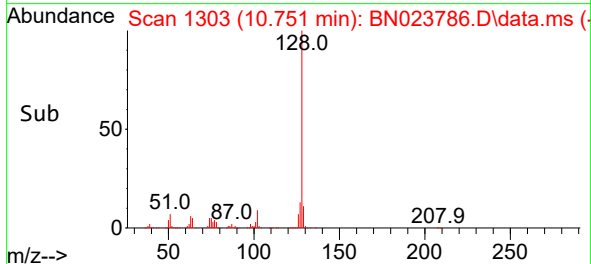
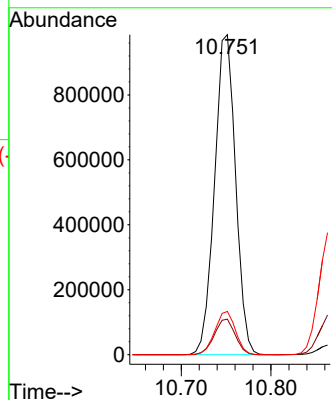
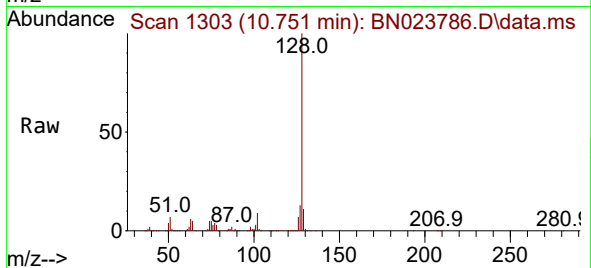
Tgt Ion:128 Resp: 1602727

Ion Ratio Lower Upper

128 100

129 11.1 9.1 13.7

127 13.5 10.8 16.2



#32

4-Chloroaniline

Concen: 31.183 ng/ul

RT: 10.863 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BN023786.D

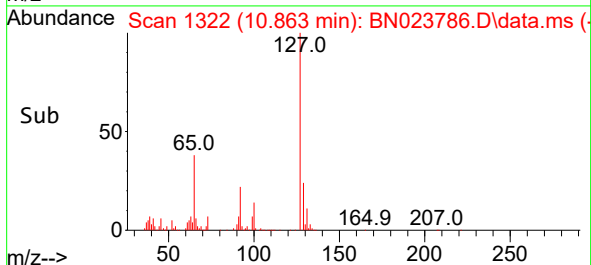
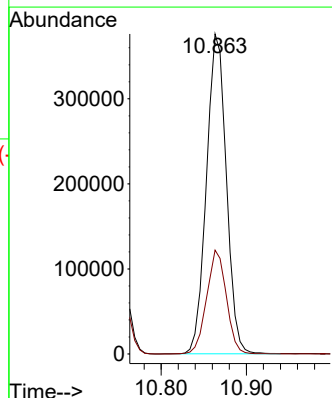
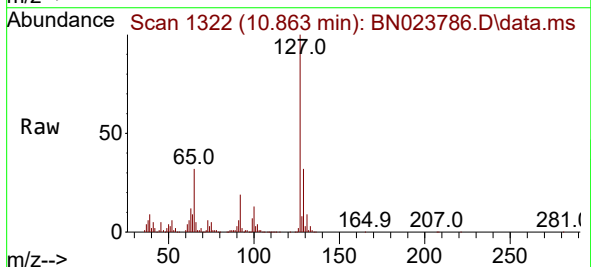
Acq: 24 Jan 2023 20:41

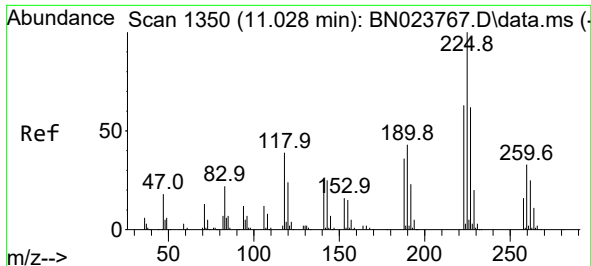
Tgt Ion:127 Resp: 609843

Ion Ratio Lower Upper

127 100

129 32.5 26.4 39.6

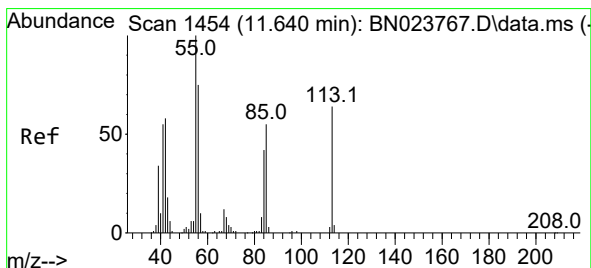
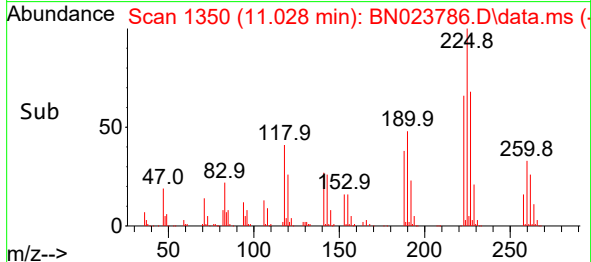
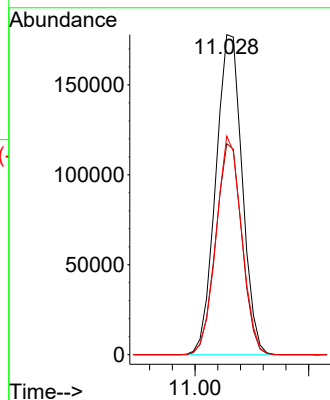
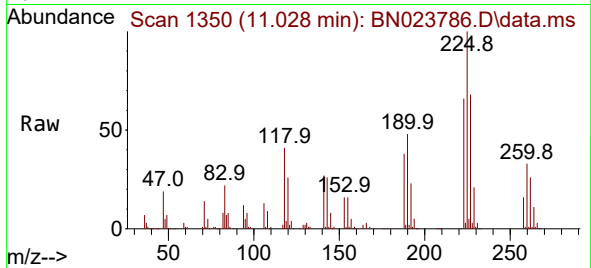




#33
Hexachlorobutadiene
Concen: 37.449 ng/ul
RT: 11.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN023786.D
Acq: 24 Jan 2023 20:41

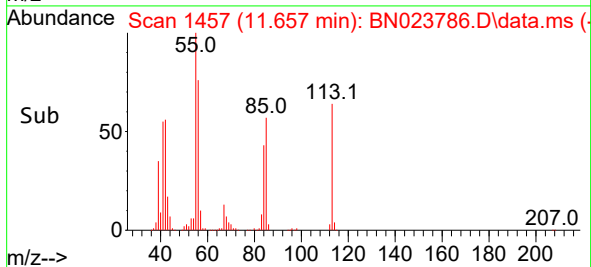
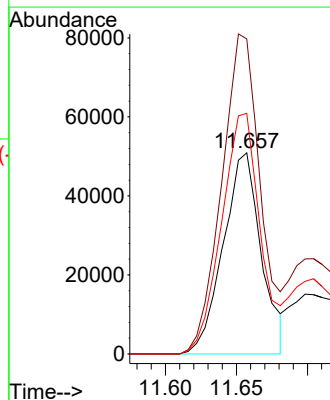
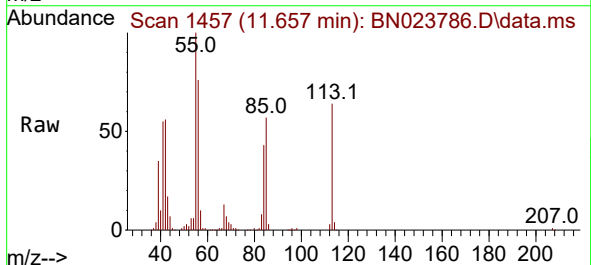
Instrument :
BNA_N
ClientSampleId :

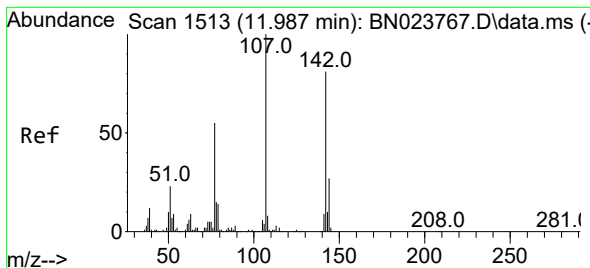
Tgt Ion:225 Resp: 287718
Ion Ratio Lower Upper
225 100
223 66.0 51.7 77.5
227 68.3 50.8 76.2



#34
Caprolactam
Concen: 22.657 ng/ul
RT: 11.657 min Scan# 1457
Delta R.T. 0.017 min
Lab File: BN023786.D
Acq: 24 Jan 2023 20:41

Tgt Ion:113 Resp: 94521
Ion Ratio Lower Upper
113 100
55 156.7 129.1 193.7
56 119.7 94.2 141.4

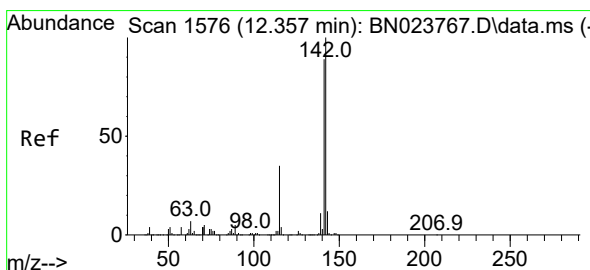
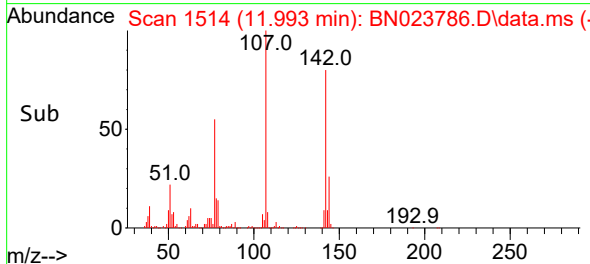
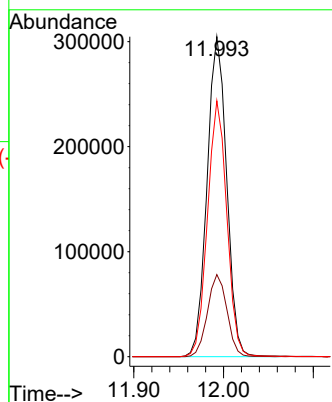
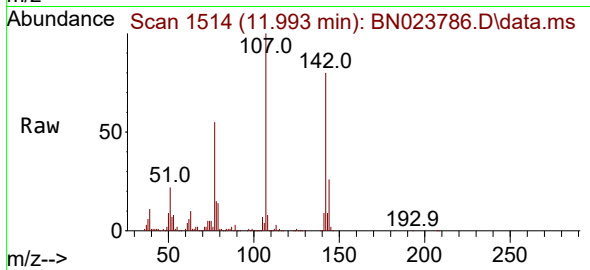




#35
4-Chloro-3-methylphenol
Concen: 34.190 ng/ul
RT: 11.993 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BN023786.D
Acq: 24 Jan 2023 20:41

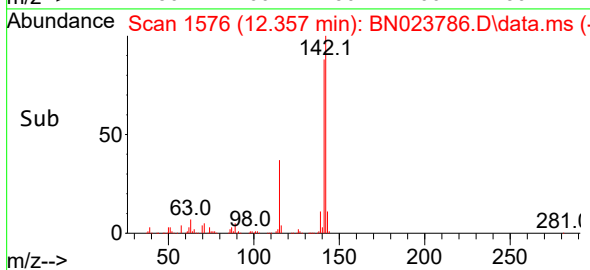
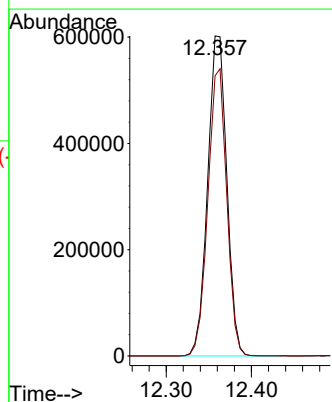
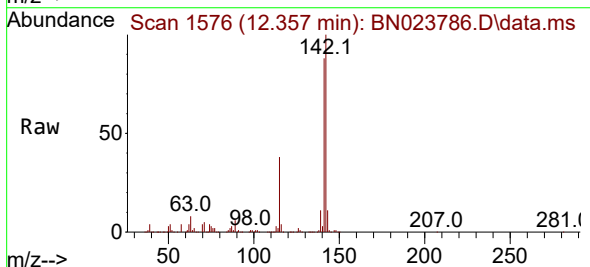
Instrument :
BNA_N
ClientSampleId :

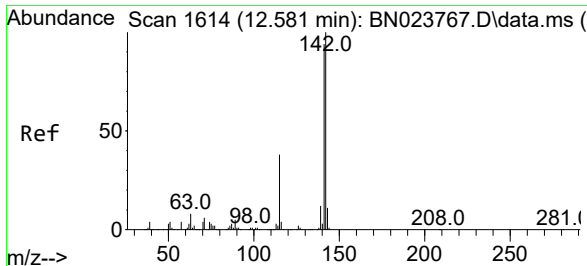
Tgt Ion:107 Resp: 463077
Ion Ratio Lower Upper
107 100
144 25.7 21.9 32.9
142 79.9 64.0 96.0



#36
2-Methylnaphthalene
Concen: 32.156 ng/ul
RT: 12.357 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BN023786.D
Acq: 24 Jan 2023 20:41

Tgt Ion:142 Resp: 939526
Ion Ratio Lower Upper
142 100
141 87.6 73.6 110.4

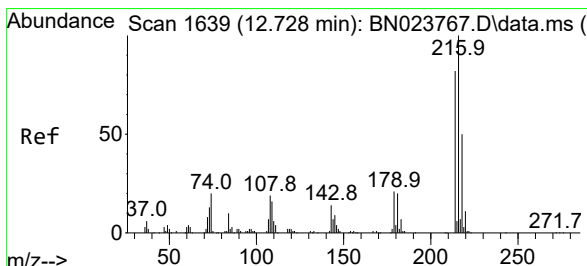
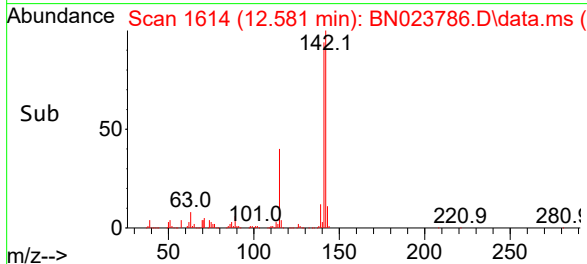
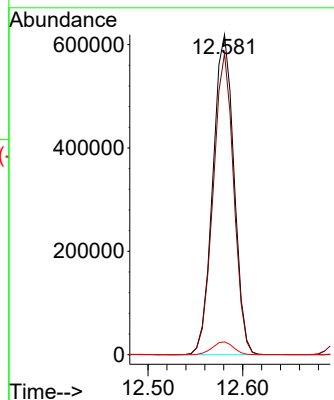
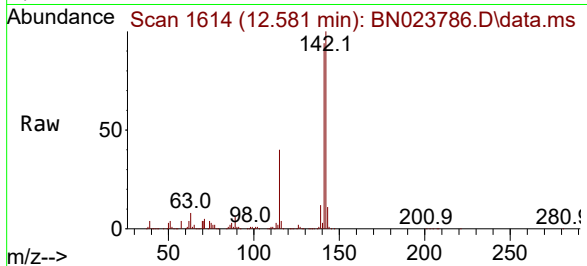




#37
1-Methylnaphthalene
Concen: 32.090 ng/ul
RT: 12.581 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BN023786.D
Acq: 24 Jan 2023 20:41

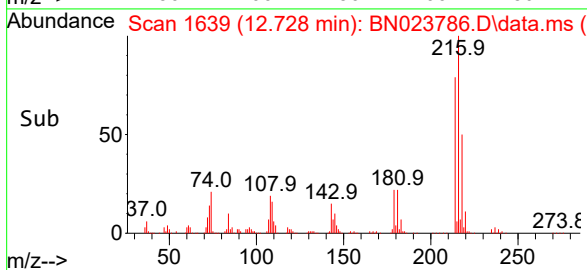
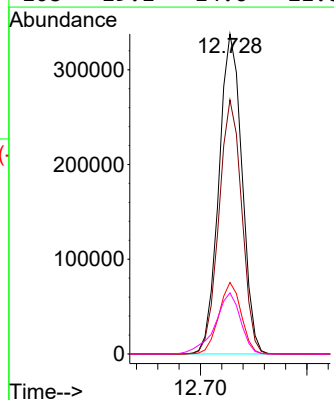
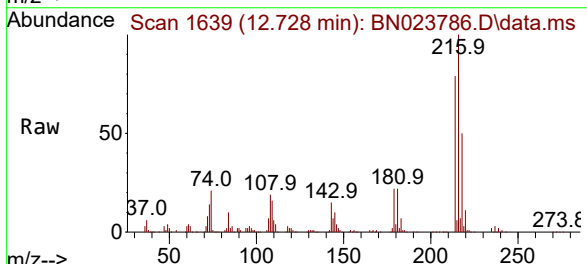
Instrument :
BNA_N
ClientSampleId :

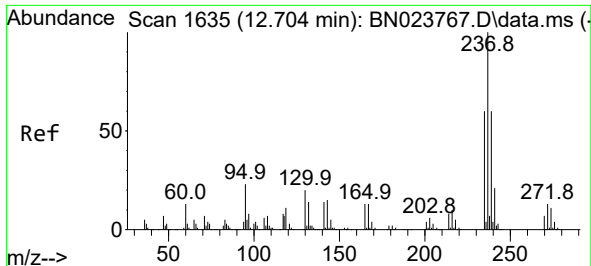
Tgt Ion:142 Resp: 957887
Ion Ratio Lower Upper
142 100
141 94.2 73.8 110.6
116 4.0 3.0 4.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.873 ng/ul
RT: 12.728 min Scan# 1639
Delta R.T. -0.000 min
Lab File: BN023786.D
Acq: 24 Jan 2023 20:41

Tgt Ion:216 Resp: 508306
Ion Ratio Lower Upper
216 100
214 79.4 62.4 93.6
179 22.3 16.2 24.2
108 19.1 14.6 21.8

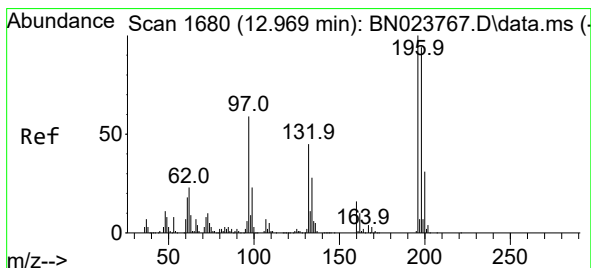
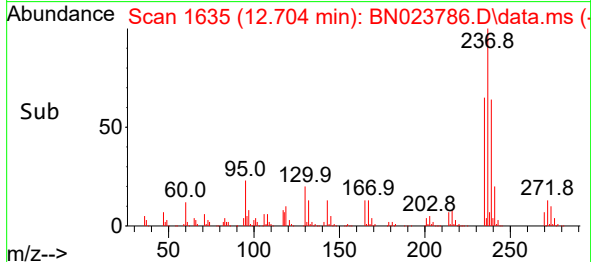
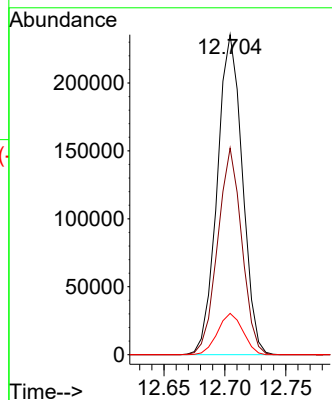
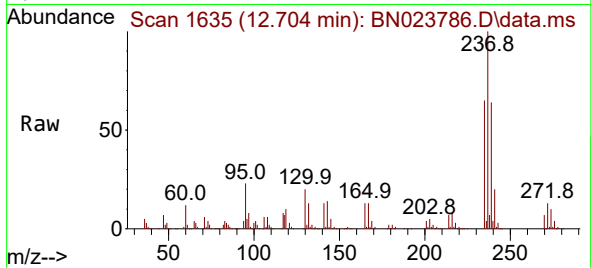




#40
Hexachlorocyclopentadiene
Concen: 37.883 ng/ul
RT: 12.704 min Scan# 1635
Delta R.T. -0.000 min
Lab File: BN023786.D
Acq: 24 Jan 2023 20:41

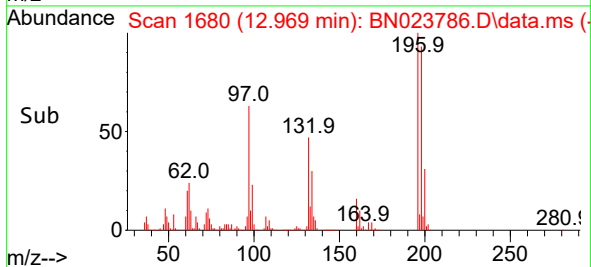
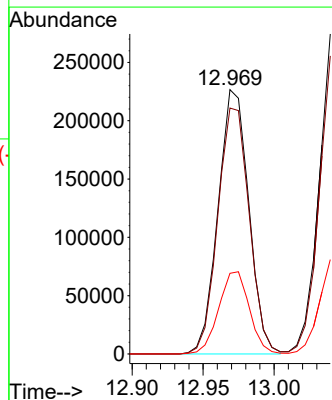
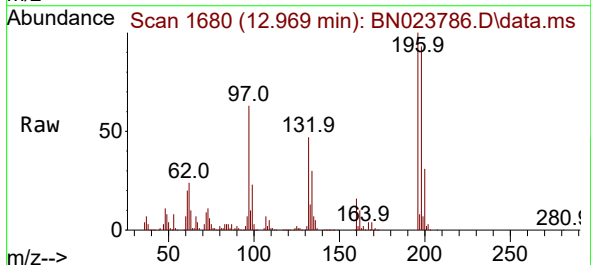
Instrument :
BNA_N
ClientSampleId :

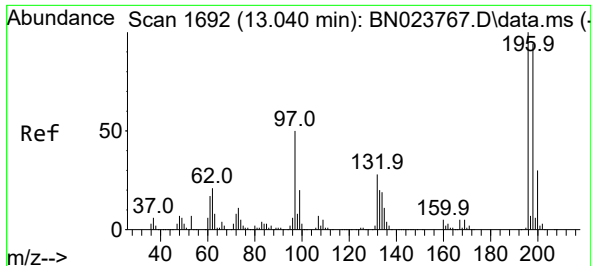
Tgt Ion:237 Resp: 338320
Ion Ratio Lower Upper
237 100
235 64.5 51.0 76.4
272 12.9 9.8 14.8



#41
2,4,6-Trichlorophenol
Concen: 36.458 ng/ul
RT: 12.969 min Scan# 1680
Delta R.T. -0.000 min
Lab File: BN023786.D
Acq: 24 Jan 2023 20:41

Tgt Ion:196 Resp: 340523
Ion Ratio Lower Upper
196 100
198 93.0 71.4 107.0
200 30.5 22.5 33.7





#42

2,4,5-Trichlorophenol

Concen: 38.976 ng/ul

RT: 13.040 min Scan# 1

Delta R.T. -0.000 min

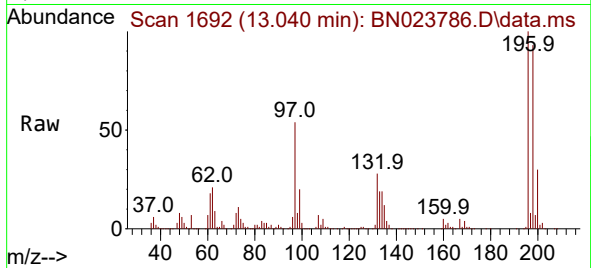
Lab File: BN023786.D

Acq: 24 Jan 2023 20:41

Instrument :

BNA_N

ClientSampleId :



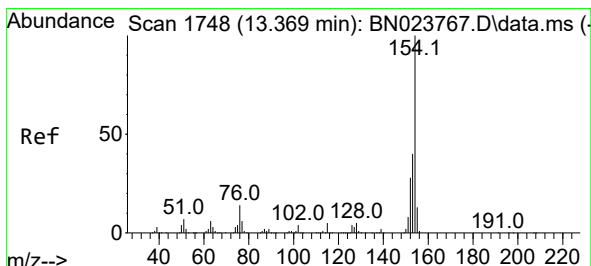
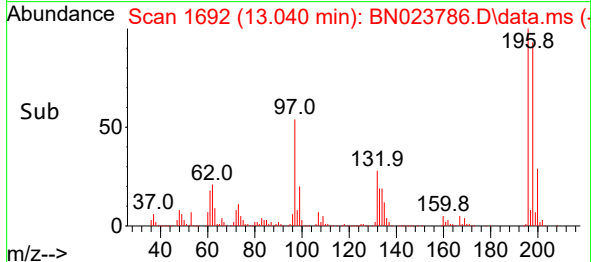
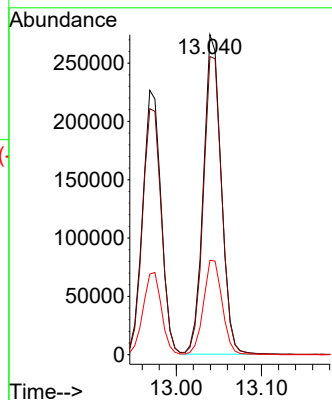
Tgt Ion:196 Resp: 398127

Ion Ratio Lower Upper

196 100

198 93.2 68.1 102.1

200 29.5 24.1 36.1



#43

1,1'-Biphenyl

Concen: 38.026 ng/ul

RT: 13.369 min Scan# 1748

Delta R.T. -0.000 min

Lab File: BN023786.D

Acq: 24 Jan 2023 20:41

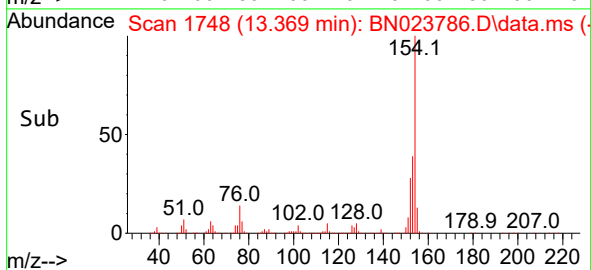
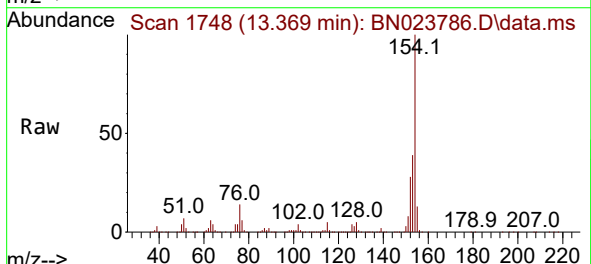
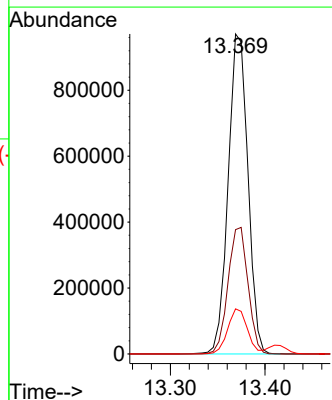
Tgt Ion:154 Resp: 1405565

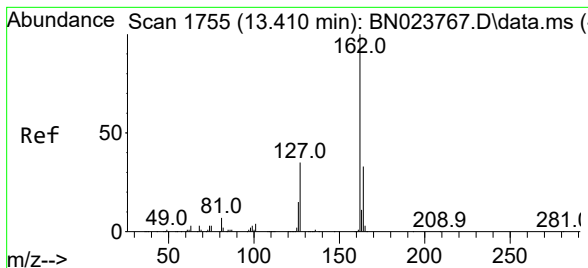
Ion Ratio Lower Upper

154 100

153 38.9 32.5 48.7

76 14.1 11.0 16.6

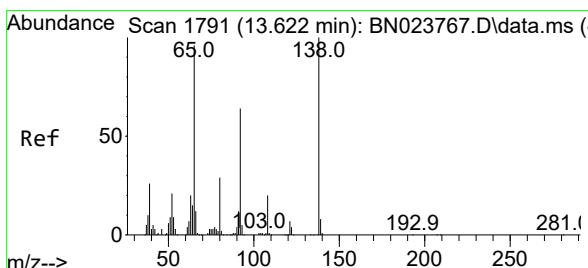
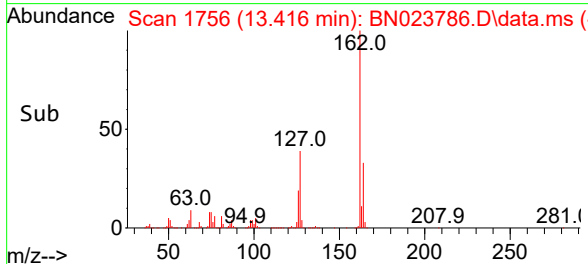
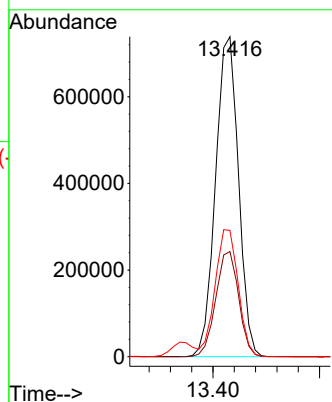
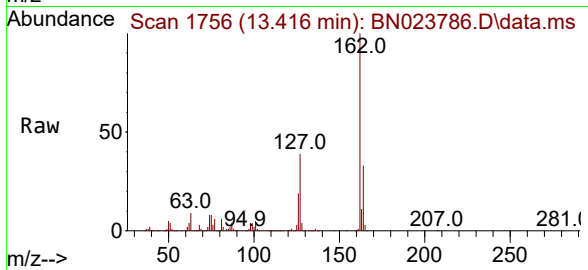




#44
2-Chloronaphthalene
Concen: 38.430 ng/ul
RT: 13.416 min Scan# 1755
Delta R.T. 0.006 min
Lab File: BN023786.D
Acq: 24 Jan 2023 20:41

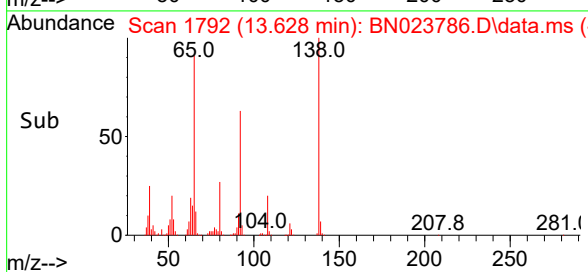
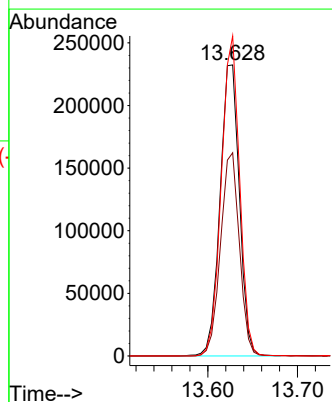
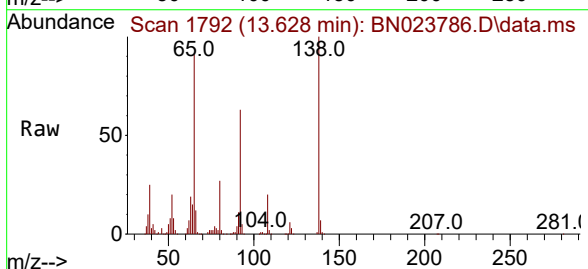
Instrument :
BNA_N
ClientSampleId :

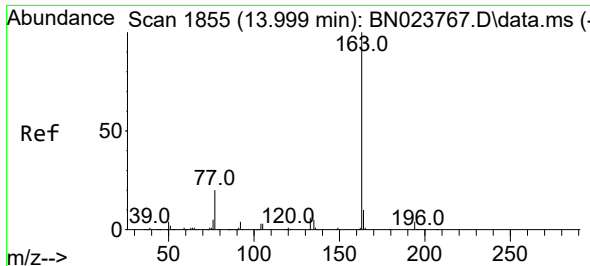
Tgt Ion:162 Resp: 1102048
Ion Ratio Lower Upper
162 100
164 32.9 26.2 39.2
127 39.4 31.8 47.8



#45
2-Nitroaniline
Concen: 43.929 ng/ul
RT: 13.628 min Scan# 1792
Delta R.T. 0.006 min
Lab File: BN023786.D
Acq: 24 Jan 2023 20:41

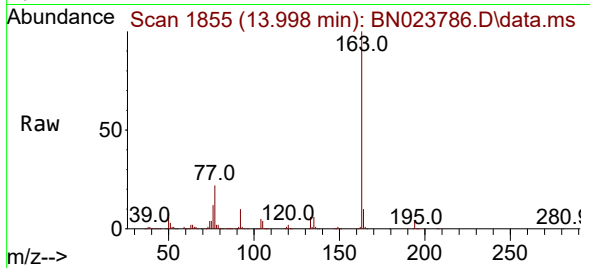
Tgt Ion: 65 Resp: 347407
Ion Ratio Lower Upper
65 100
92 69.8 53.5 80.3
138 110.0 84.0 126.0



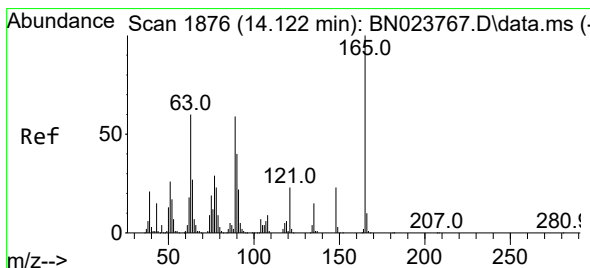
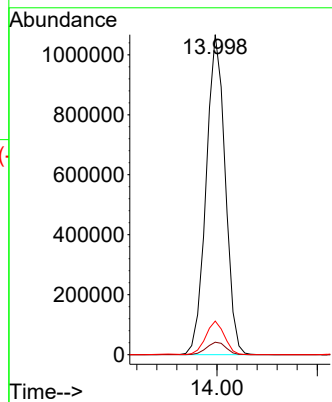
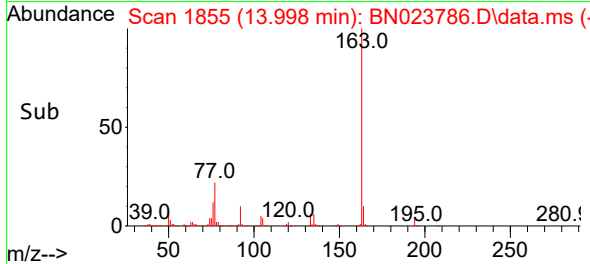


#47
Dimethylphthalate
Concen: 39.385 ng/ul
RT: 13.998 min Scan# 1855
Delta R.T. -0.000 min
Lab File: BN023786.D
Acq: 24 Jan 2023 20:41

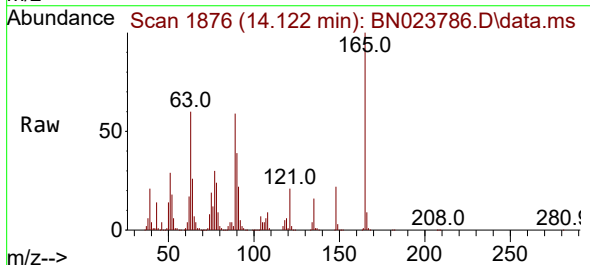
Instrument :
BNA_N
ClientSampleId :



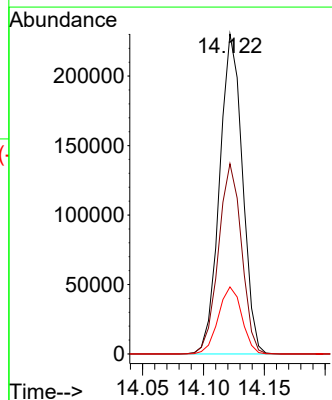
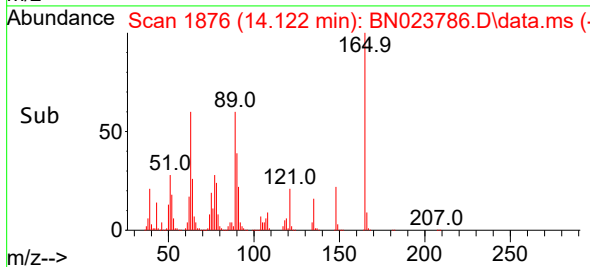
Tgt Ion:163 Resp: 1410483
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.5 7.9 11.9

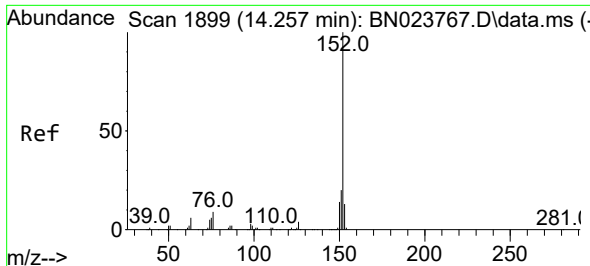


#48
2,6-Dinitrotoluene
Concen: 44.442 ng/ul
RT: 14.122 min Scan# 1876
Delta R.T. -0.000 min
Lab File: BN023786.D
Acq: 24 Jan 2023 20:41



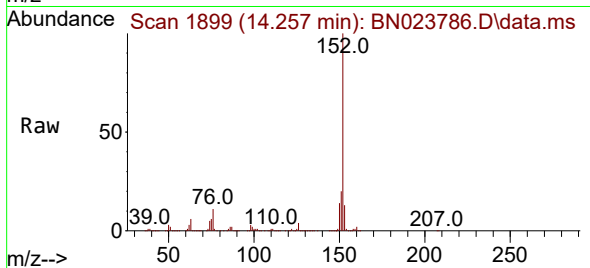
Tgt Ion:165 Resp: 300886
Ion Ratio Lower Upper
165 100
89 59.4 49.9 74.9
121 21.0 19.1 28.7



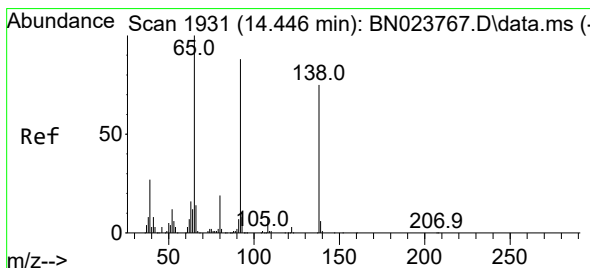
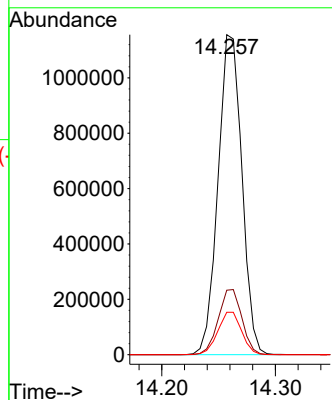
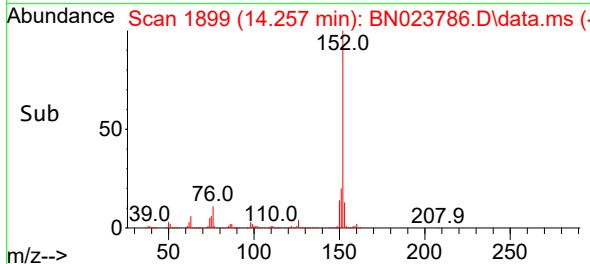


#50
Acenaphthylene
Concen: 38.427 ng/ul
RT: 14.257 min Scan# 1899
Delta R.T. -0.000 min
Lab File: BN023786.D
Acq: 24 Jan 2023 20:41

Instrument :
BNA_N
ClientSampleId :

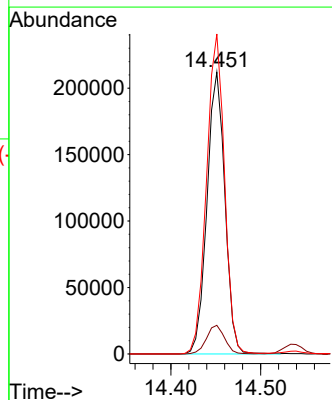
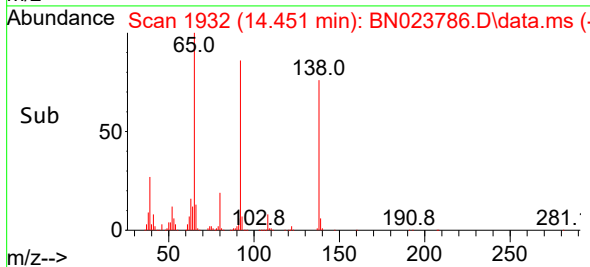
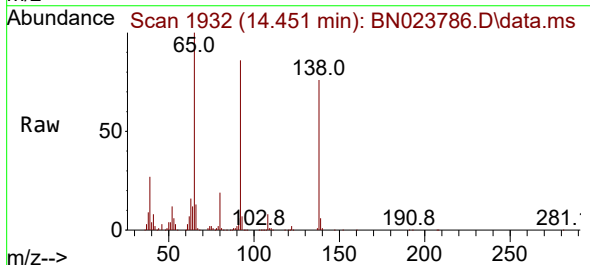


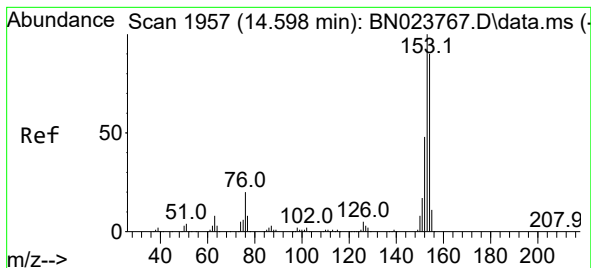
Tgt Ion:152 Resp: 1687246
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.3 10.2 15.4



#51
3-Nitroaniline
Concen: 43.327 ng/ul
RT: 14.451 min Scan# 1932
Delta R.T. 0.006 min
Lab File: BN023786.D
Acq: 24 Jan 2023 20:41

Tgt Ion:138 Resp: 293952
Ion Ratio Lower Upper
138 100
108 10.2 8.1 12.1
92 113.6 93.2 139.8





#52

Acenaphthene

Concen: 37.341 ng/ul

RT: 14.604 min Scan# 1958

Delta R.T. 0.006 min

Lab File: BN023786.D

Acq: 24 Jan 2023 20:41

Instrument :

BNA_N

ClientSampleId :

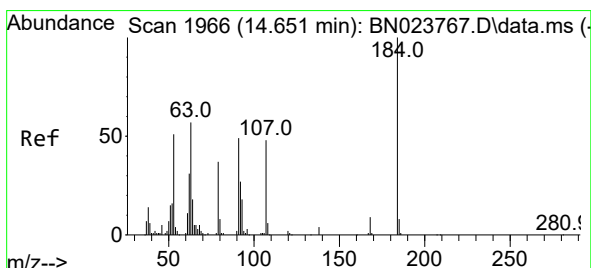
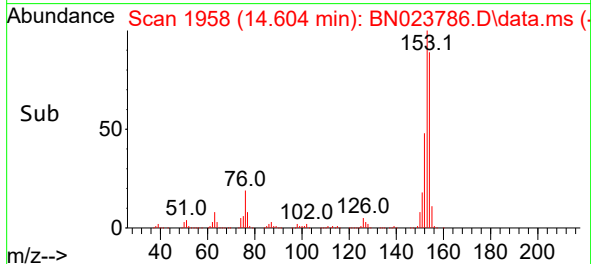
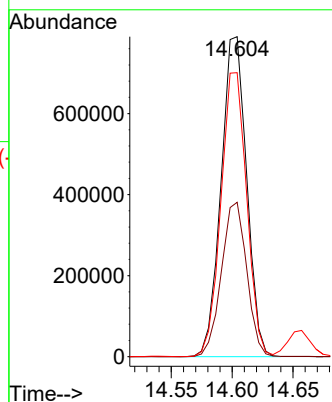
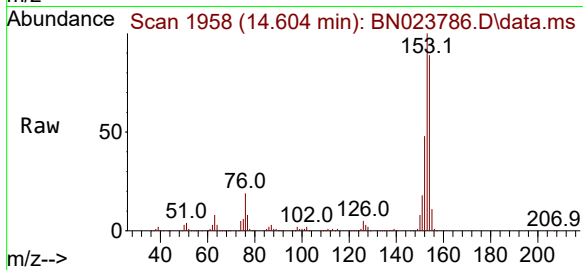
Tgt Ion:153 Resp: 1155941

Ion Ratio Lower Upper

153 100

152 48.3 38.5 57.7

154 88.8 71.5 107.3



#53

2,4-Dinitrophenol

Concen: 31.174 ng/ul

RT: 14.657 min Scan# 1967

Delta R.T. 0.006 min

Lab File: BN023786.D

Acq: 24 Jan 2023 20:41

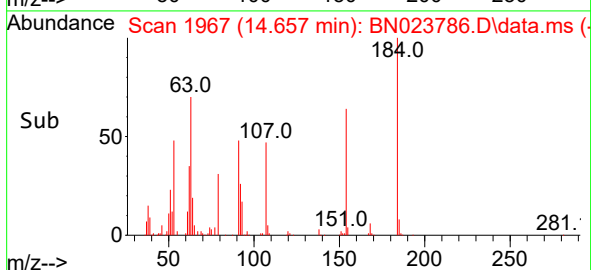
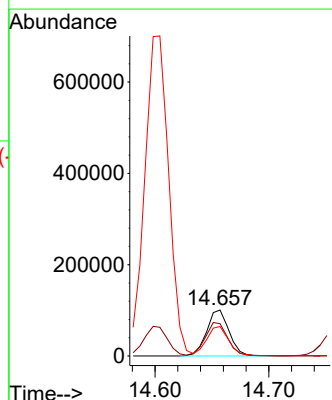
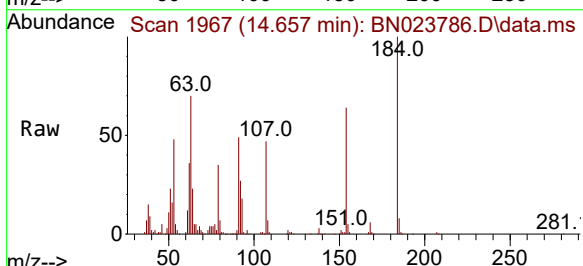
Tgt Ion:184 Resp: 137943

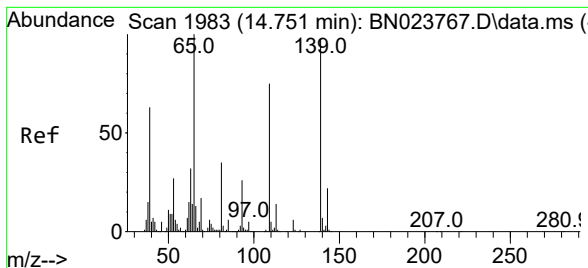
Ion Ratio Lower Upper

184 100

63 70.4 58.2 87.4

154 64.3 49.4 74.0

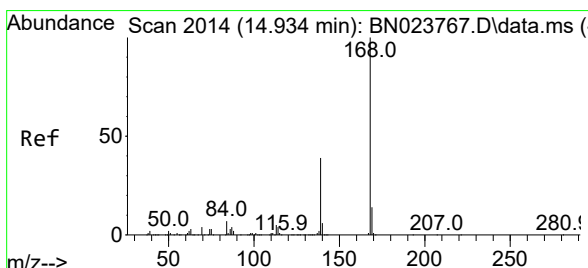
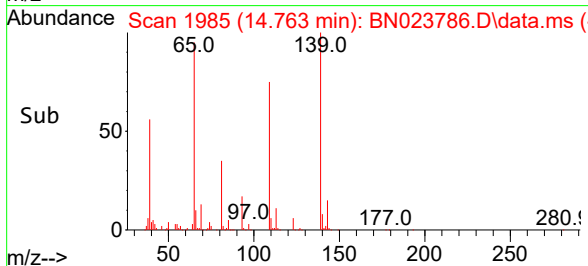
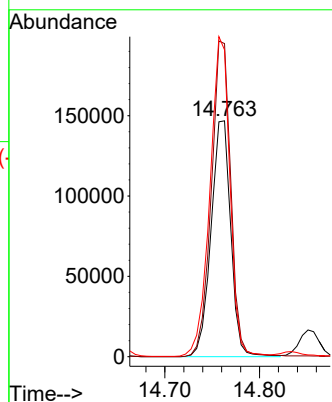
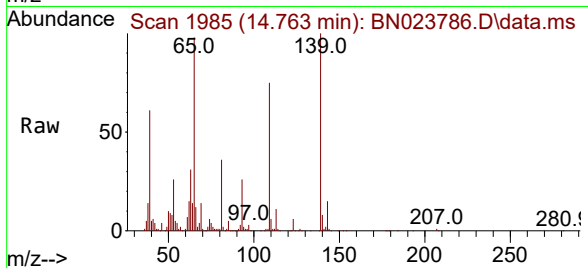




#55
4-Nitrophenol
Concen: 36.183 ng/ul
RT: 14.763 min Scan# 1983
Delta R.T. 0.012 min
Lab File: BN023786.D
Acq: 24 Jan 2023 20:41

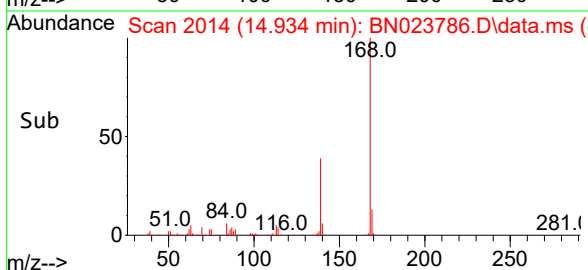
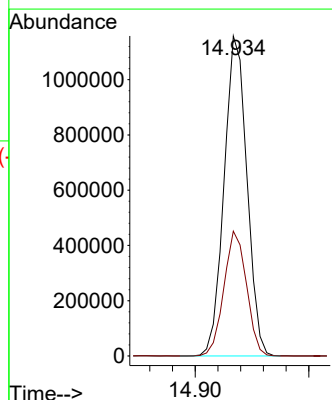
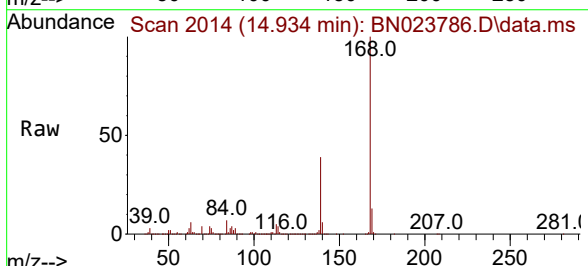
Instrument :
BNA_N
ClientSampleId :

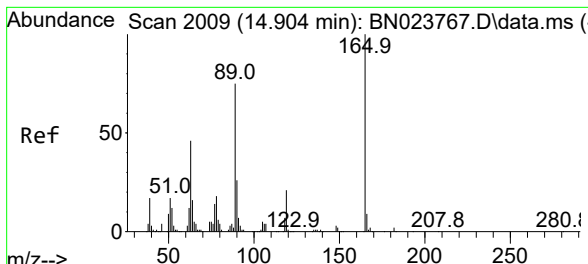
Tgt Ion:109 Resp: 212008
Ion Ratio Lower Upper
109 100
139 132.8 104.8 157.2
65 130.2 107.3 160.9



#56
Dibenzofuran
Concen: 37.508 ng/ul
RT: 14.934 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BN023786.D
Acq: 24 Jan 2023 20:41

Tgt Ion:168 Resp: 1616178
Ion Ratio Lower Upper
168 100
139 39.0 29.6 44.4

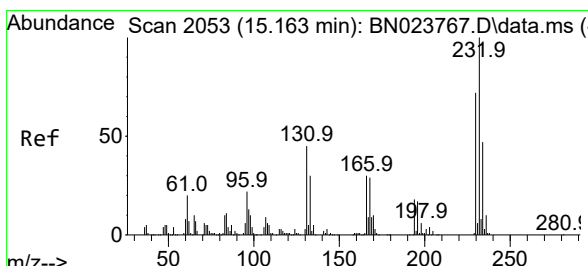
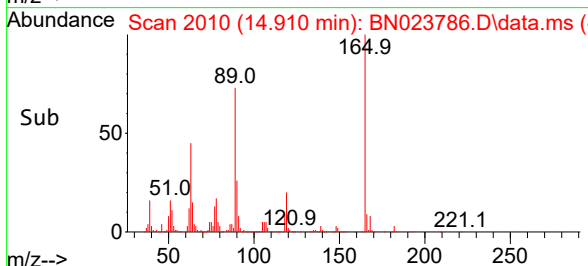
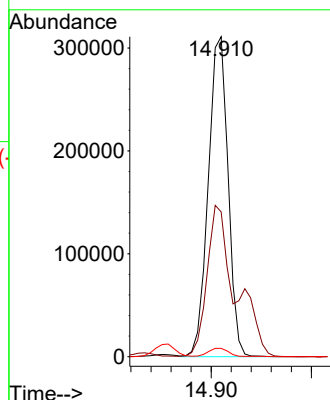
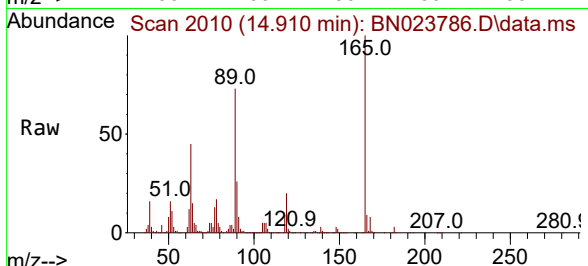




#57
2,4-Dinitrotoluene
Concen: 43.250 ng/ul
RT: 14.910 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BN023786.D
Acq: 24 Jan 2023 20:41

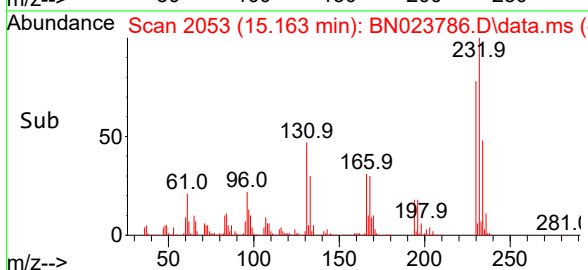
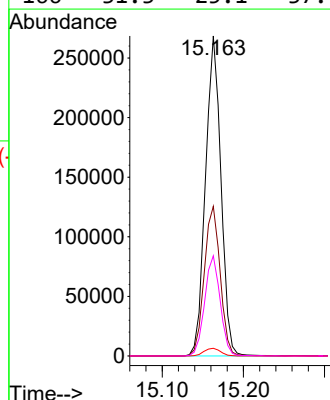
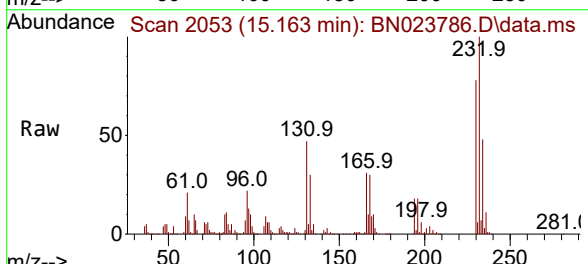
Instrument :
BNA_N
ClientSampleId :

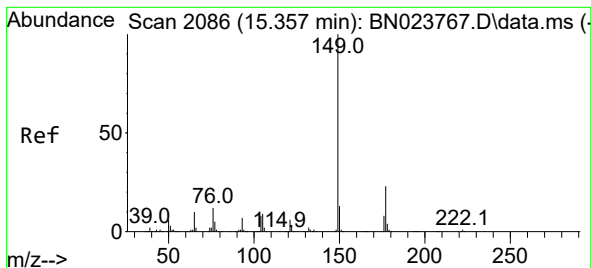
Tgt Ion:165 Resp: 427475
Ion Ratio Lower Upper
165 100
63 45.3 37.2 55.8
182 2.6 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 40.559 ng/ul
RT: 15.163 min Scan# 2053
Delta R.T. -0.000 min
Lab File: BN023786.D
Acq: 24 Jan 2023 20:41

Tgt Ion:232 Resp: 354999
Ion Ratio Lower Upper
232 100
131 46.7 39.5 59.3
130 2.4 2.2 3.4
166 31.3 25.1 37.7





#59

Diethylphthalate

Concen: 40.535 ng/ul

RT: 15.363 min Scan# 2086

Delta R.T. 0.006 min

Lab File: BN023786.D

Acq: 24 Jan 2023 20:41

Instrument :

BNA_N

ClientSampleId :

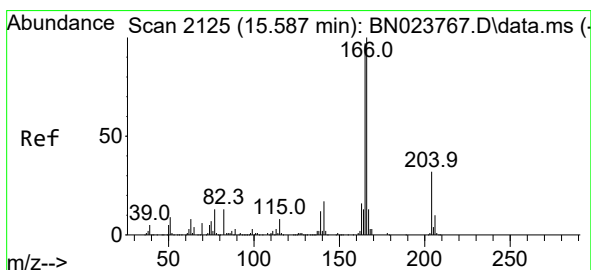
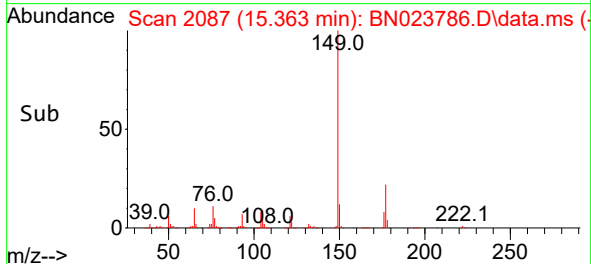
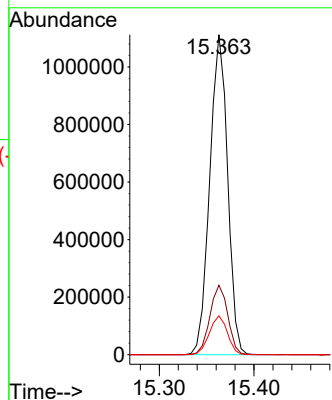
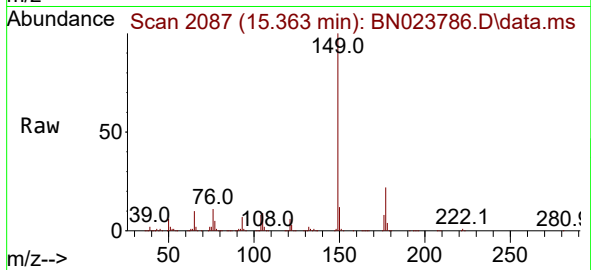
Tgt Ion:149 Resp: 1454167

Ion Ratio Lower Upper

149 100

177 21.7 17.9 26.9

150 12.1 9.9 14.9



#61

Fluorene

Concen: 36.359 ng/ul

RT: 15.586 min Scan# 2125

Delta R.T. -0.000 min

Lab File: BN023786.D

Acq: 24 Jan 2023 20:41

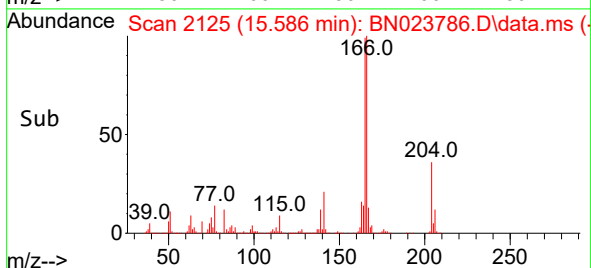
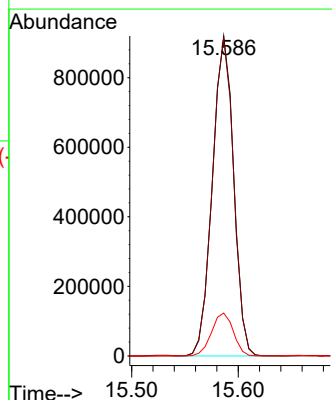
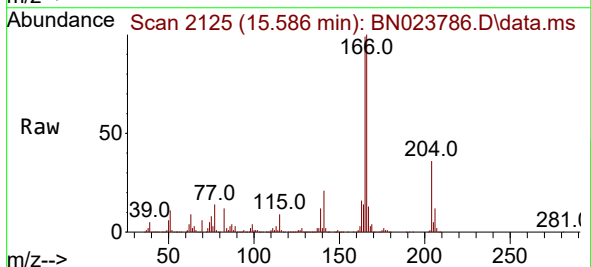
Tgt Ion:166 Resp: 1268638

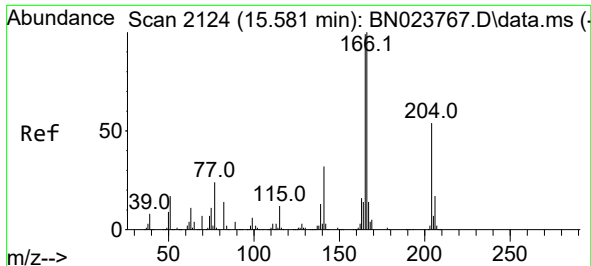
Ion Ratio Lower Upper

166 100

165 99.2 77.8 116.6

167 13.4 10.4 15.6

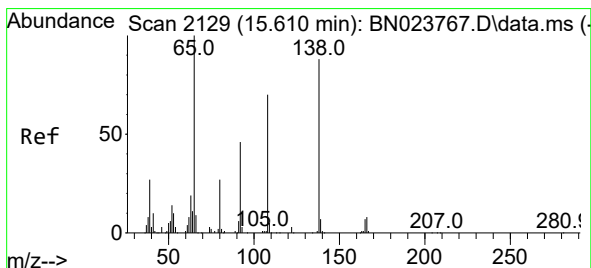
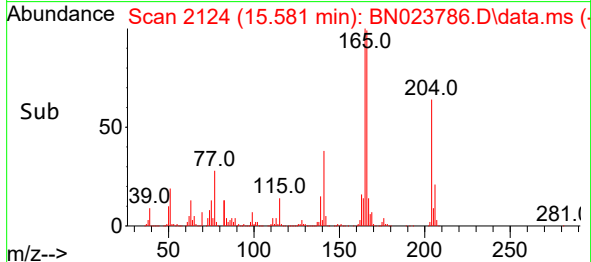
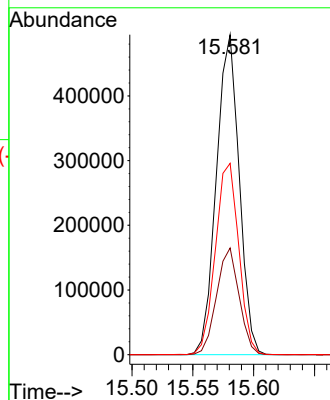
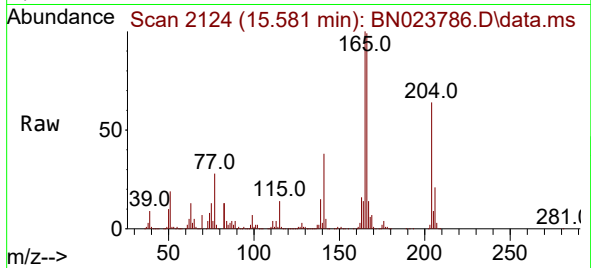




#62
4-Chlorophenyl-phenylether
Concen: 38.047 ng/ul
RT: 15.581 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BN023786.D
Acq: 24 Jan 2023 20:41

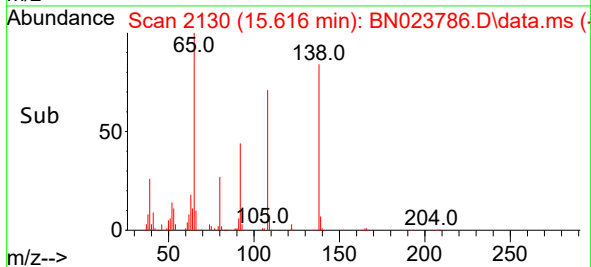
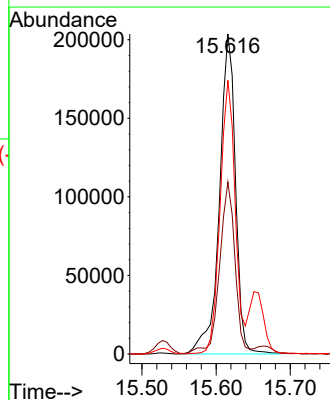
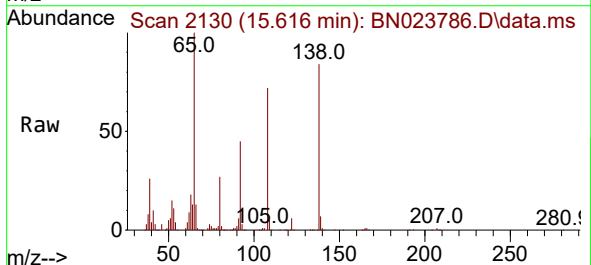
Instrument :
BNA_N
ClientSampleId :

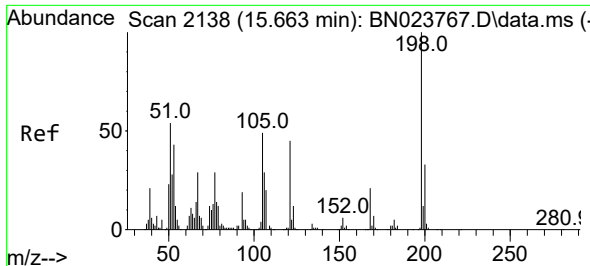
Tgt Ion:204 Resp: 646273
Ion Ratio Lower Upper
204 100
206 33.3 27.0 40.6
141 59.8 51.0 76.4



#63
4-Nitroaniline
Concen: 49.172 ng/ul
RT: 15.616 min Scan# 2130
Delta R.T. 0.006 min
Lab File: BN023786.D
Acq: 24 Jan 2023 20:41

Tgt Ion:138 Resp: 307155
Ion Ratio Lower Upper
138 100
92 53.7 41.3 61.9
108 85.5 64.2 96.2

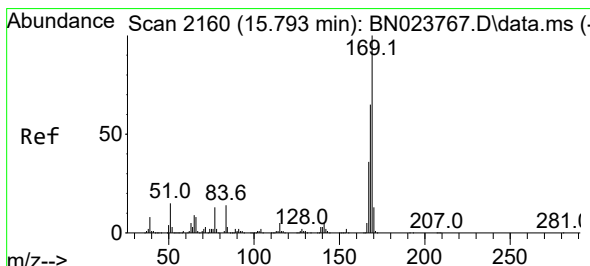
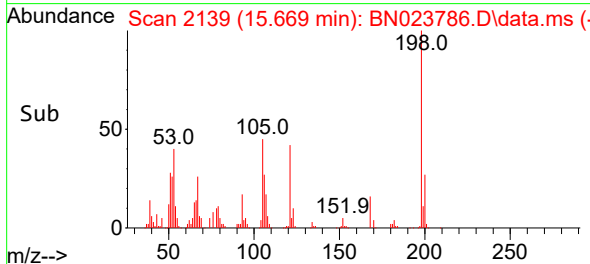
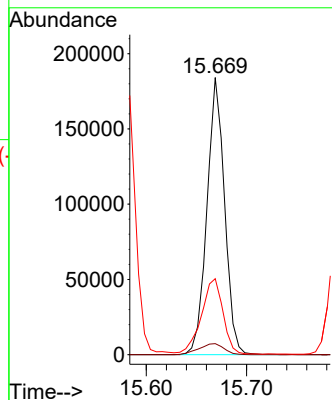
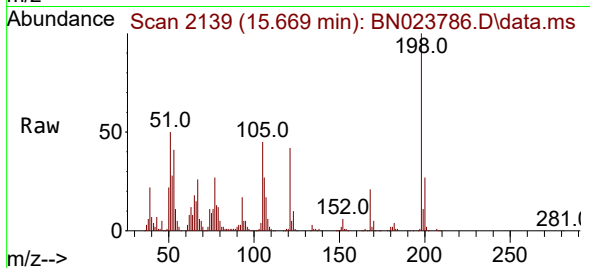




#66
4,6-Dinitro-2-methylphenol
Concen: 39.256 ng/ul
RT: 15.669 min Scan# 2138
Delta R.T. 0.006 min
Lab File: BN023786.D
Acq: 24 Jan 2023 20:41

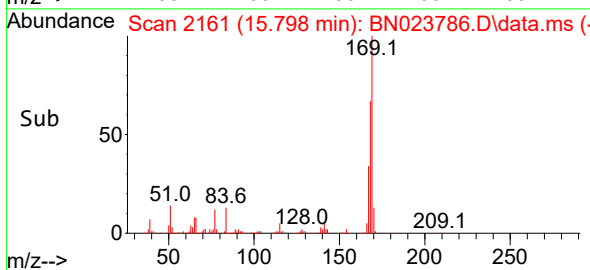
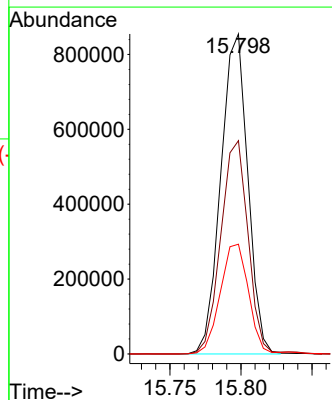
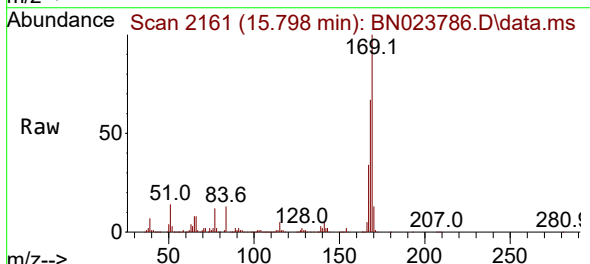
Instrument :
BNA_N
ClientSampleId :

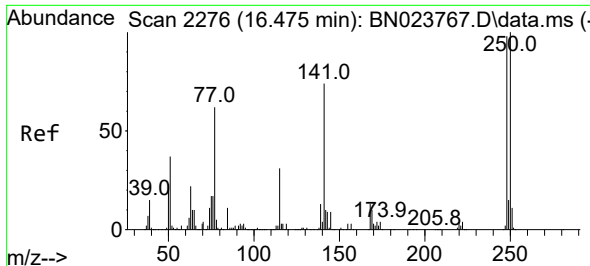
Tgt Ion:198 Resp: 225638
Ion Ratio Lower Upper
198 100
182 4.0 3.6 5.4
77 27.4 21.2 31.8



#67
N-Nitrosodiphenylamine
Concen: 41.711 ng/ul
RT: 15.798 min Scan# 2161
Delta R.T. 0.006 min
Lab File: BN023786.D
Acq: 24 Jan 2023 20:41

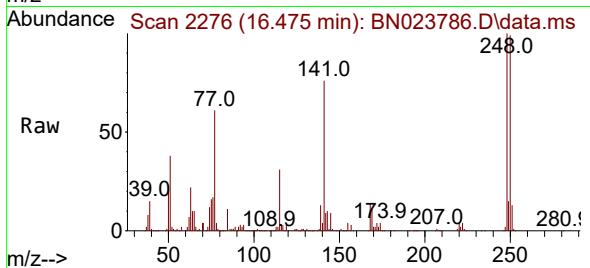
Tgt Ion:169 Resp: 1130173
Ion Ratio Lower Upper
169 100
168 66.7 53.4 80.2
167 34.3 29.0 43.4



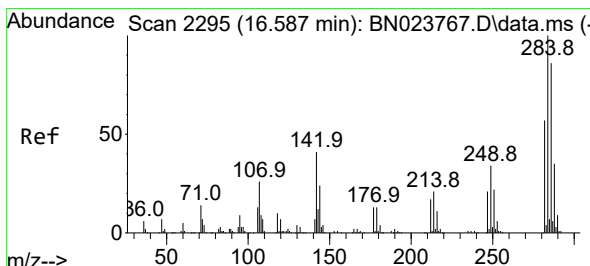
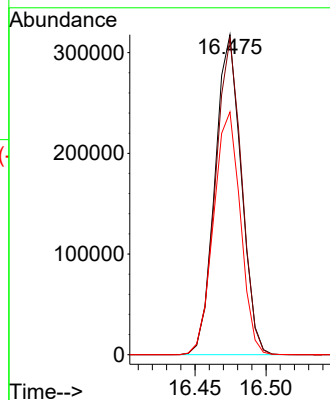
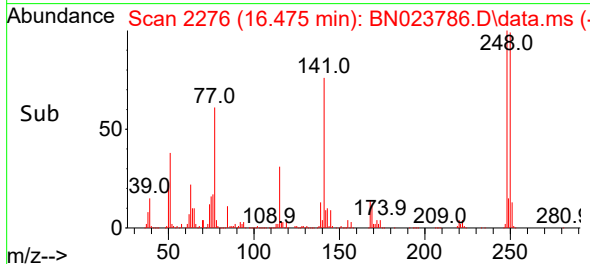


#68
4-Bromophenyl-phenylether
Concen: 42.271 ng/ul
RT: 16.475 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN023786.D
Acq: 24 Jan 2023 20:41

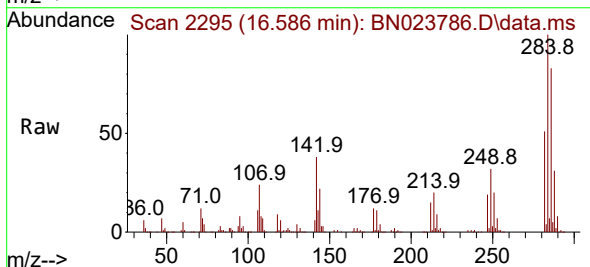
Instrument :
BNA_N
ClientSampleId :



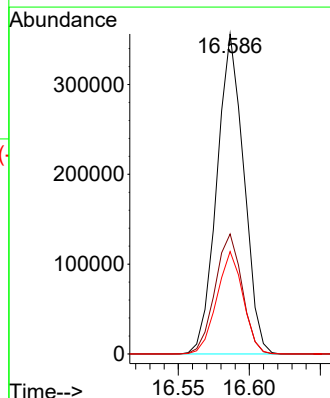
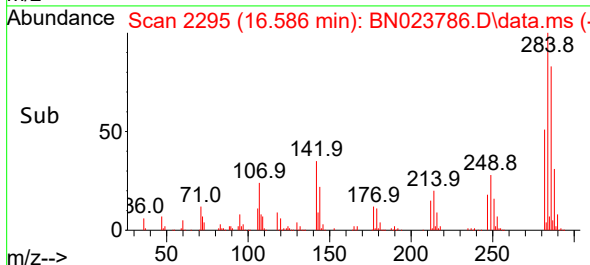
Tgt Ion:248 Resp: 409085
Ion Ratio Lower Upper
248 100
250 98.8 76.4 114.6
141 75.8 58.0 87.0

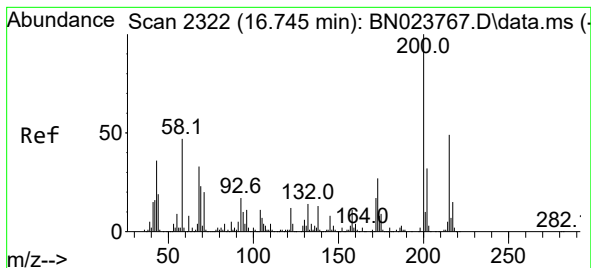


#69
Hexachlorobenzene
Concen: 41.492 ng/ul
RT: 16.586 min Scan# 2295
Delta R.T. -0.000 min
Lab File: BN023786.D
Acq: 24 Jan 2023 20:41



Tgt Ion:284 Resp: 470560
Ion Ratio Lower Upper
284 100
142 37.5 28.9 43.3
249 32.0 24.2 36.2





#70

Atrazine

Concen: 40.276 ng/ul

RT: 16.751 min Scan# 21

Delta R.T. 0.006 min

Lab File: BN023786.D

Acq: 24 Jan 2023 20:41

Instrument :

BNA_N

ClientSampleId :

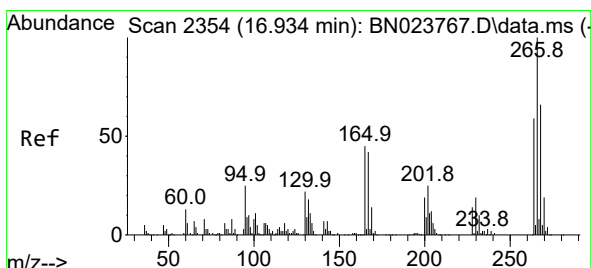
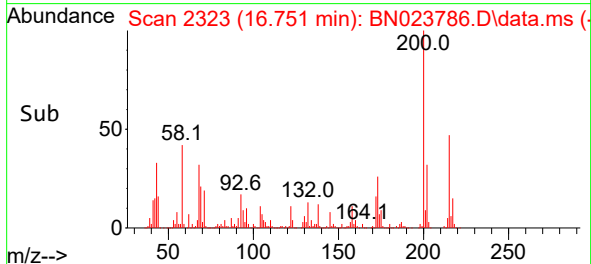
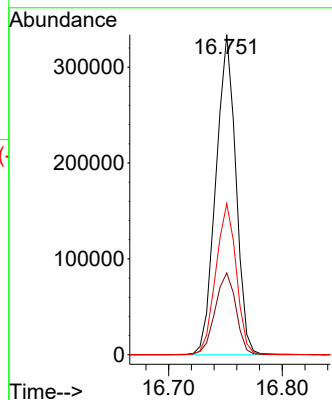
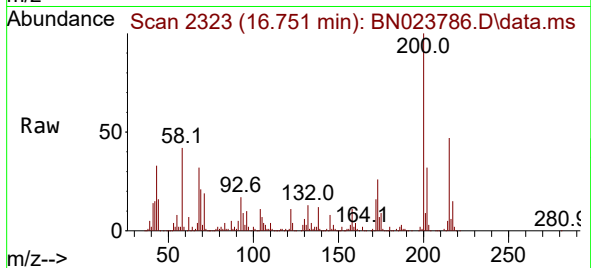
Tgt Ion:200 Resp: 408426

Ion Ratio Lower Upper

200 100

173 25.5 21.4 32.2

215 47.2 39.0 58.6



#71

Pentachlorophenol

Concen: 36.134 ng/ul

RT: 16.933 min Scan# 2354

Delta R.T. -0.000 min

Lab File: BN023786.D

Acq: 24 Jan 2023 20:41

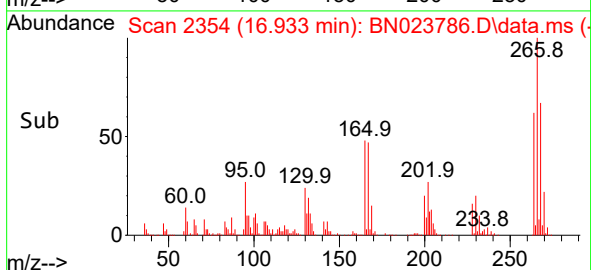
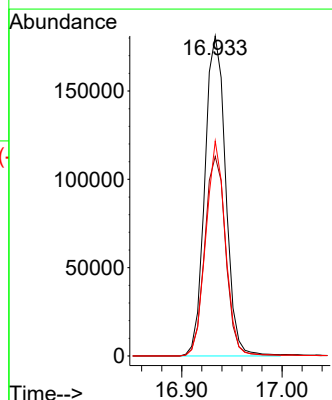
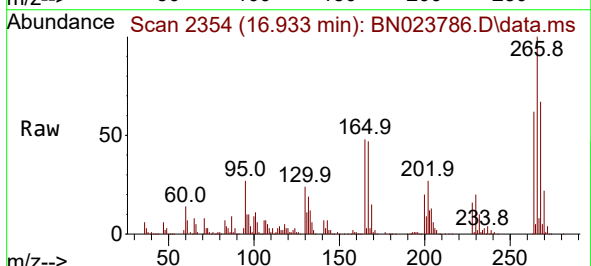
Tgt Ion:266 Resp: 261537

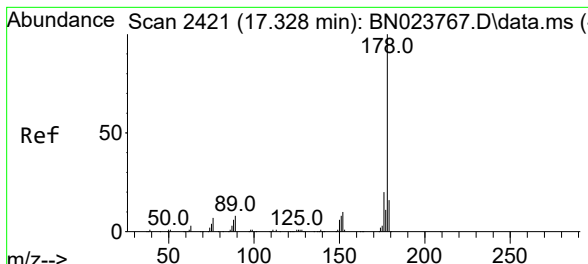
Ion Ratio Lower Upper

266 100

264 62.3 51.4 77.0

268 67.1 54.5 81.7



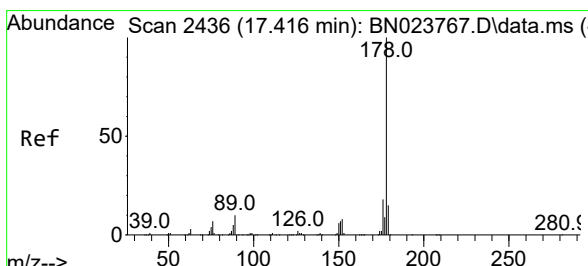
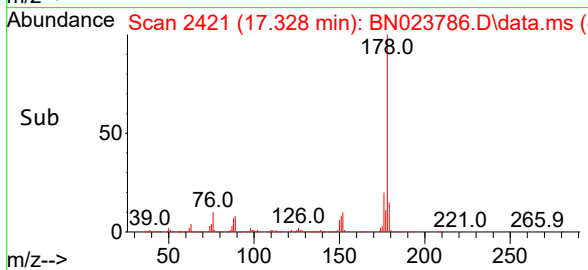
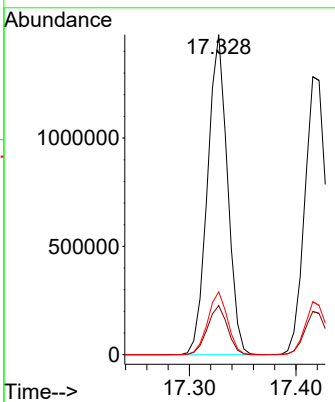
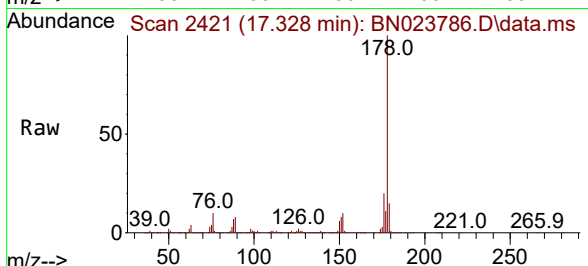


#72
 Phenanthrene
 Concen: 37.015 ng/ul
 RT: 17.328 min Scan# 2421
 Delta R.T. -0.000 min
 Lab File: BN023786.D
 Acq: 24 Jan 2023 20:41

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:178 Resp: 1914951

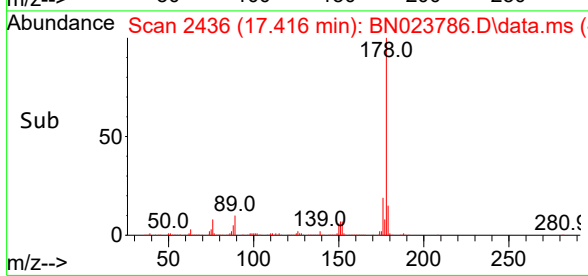
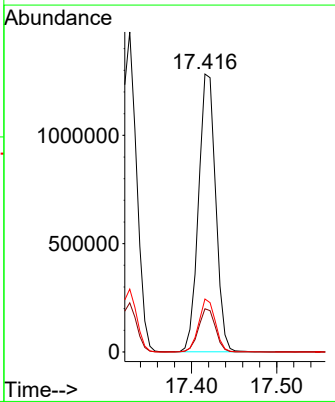
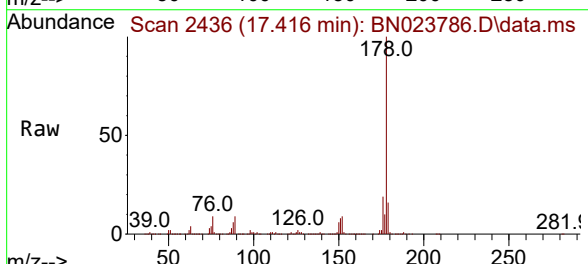
Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.6	15.2	22.8

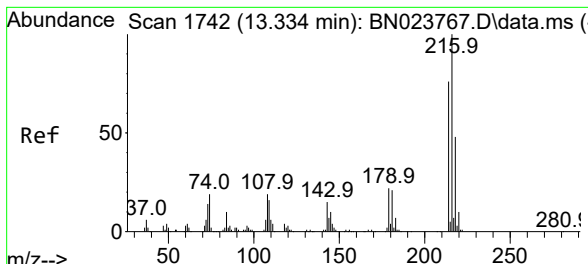


#74
 Anthracene
 Concen: 34.833 ng/ul
 RT: 17.416 min Scan# 2436
 Delta R.T. -0.000 min
 Lab File: BN023786.D
 Acq: 24 Jan 2023 20:41

Tgt Ion:178 Resp: 1793456

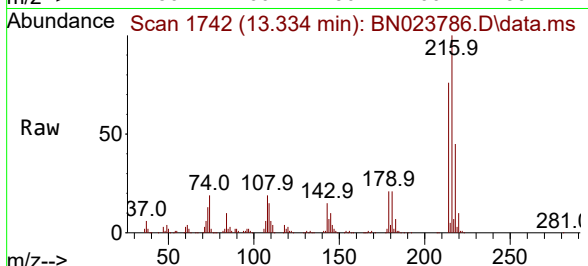
Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	19.0
176	19.1	15.1	22.7



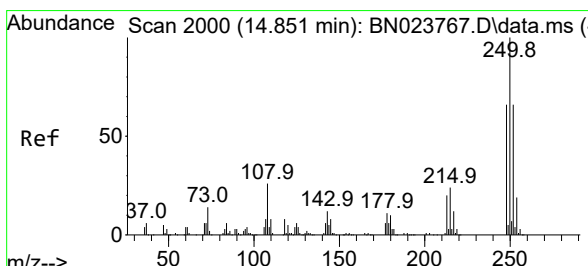
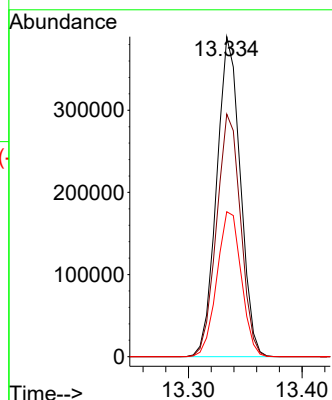
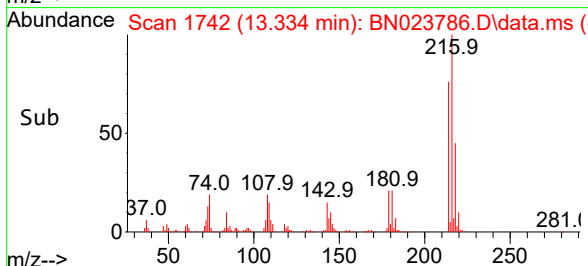


#75
1,2,3,4-Tetrachlorobenzene
Concen: 43.423 ng/uL
RT: 13.334 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN023786.D
Acq: 24 Jan 2023 20:41

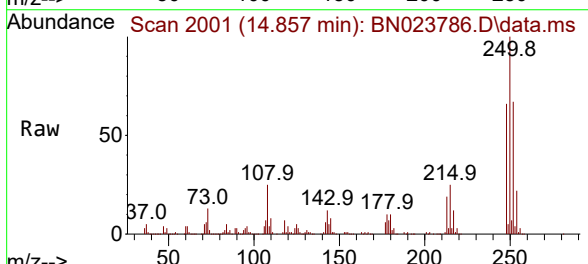
Instrument :
BNA_N
ClientSampleId :



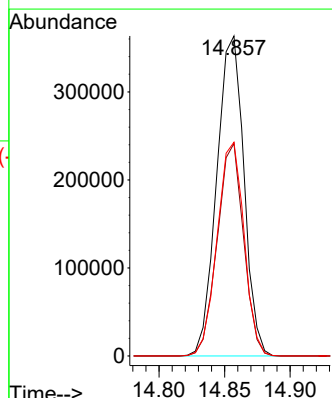
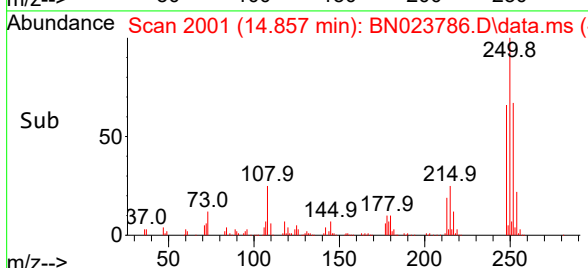
Tgt Ion:216 Resp: 564451
Ion Ratio Lower Upper
216 100
214 75.8 61.0 91.4
218 45.3 39.8 59.8

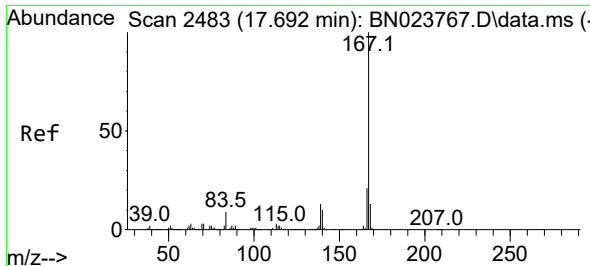


#76
Pentachlorobenzene
Concen: 40.304 ng/uL
RT: 14.857 min Scan# 2001
Delta R.T. 0.006 min
Lab File: BN023786.D
Acq: 24 Jan 2023 20:41



Tgt Ion:250 Resp: 524787
Ion Ratio Lower Upper
250 100
248 66.4 50.3 75.5
252 66.8 48.9 73.3

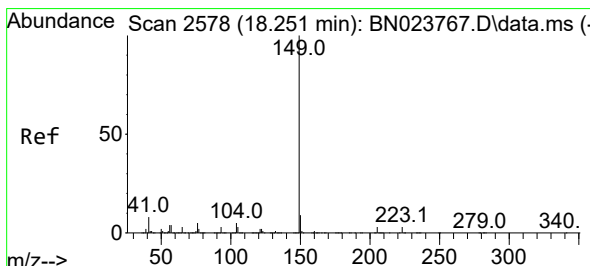
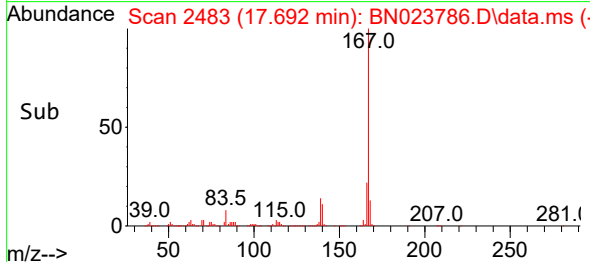
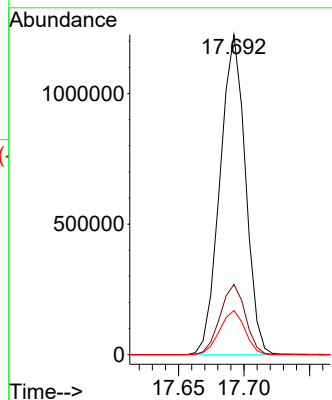
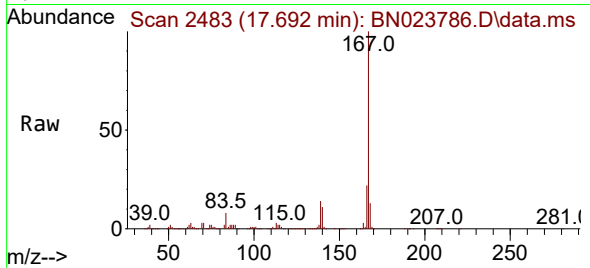




#77
 Carbazole
 Concen: 35.344 ng/ul
 RT: 17.692 min Scan# 2483
 Delta R.T. -0.000 min
 Lab File: BN023786.D
 Acq: 24 Jan 2023 20:41

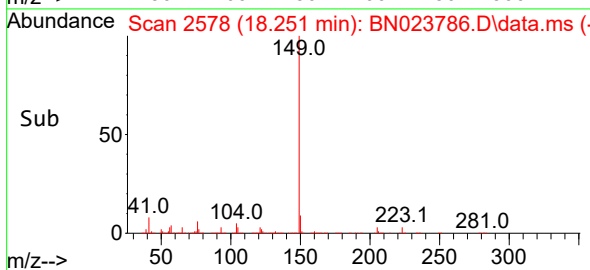
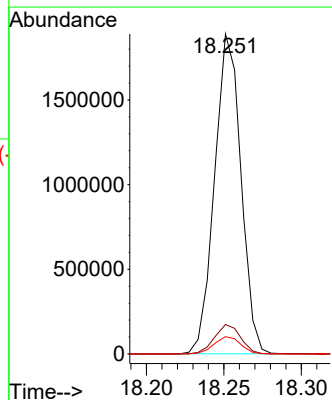
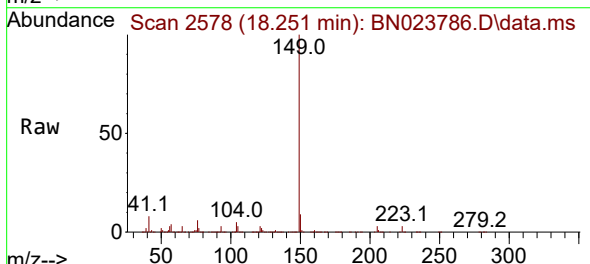
Instrument :
 BNA_N
 ClientSampleId :

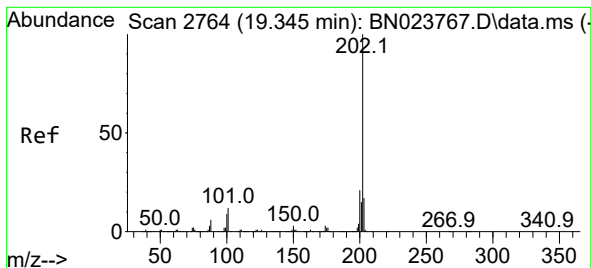
Tgt Ion:167 Resp: 1652332
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.2
 139 13.8 11.0 16.6



#78
 Di-n-butylphthalate
 Concen: 40.249 ng/ul
 RT: 18.251 min Scan# 2578
 Delta R.T. -0.000 min
 Lab File: BN023786.D
 Acq: 24 Jan 2023 20:41

Tgt Ion:149 Resp: 2234033
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.4 4.3 6.5





#80

Fluoranthene

Concen: 43.016 ng/ul

RT: 19.345 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN023786.D

Acq: 24 Jan 2023 20:41

Instrument :

BNA_N

ClientSampleId :

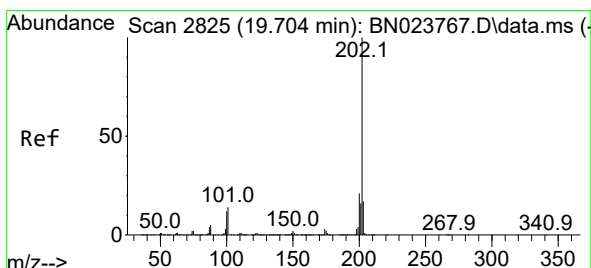
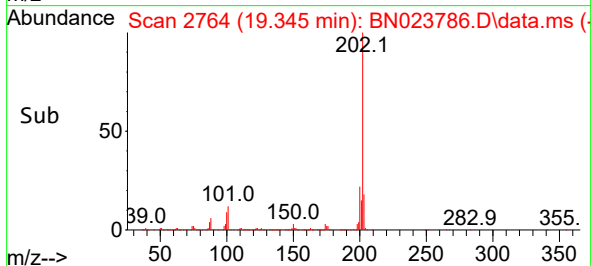
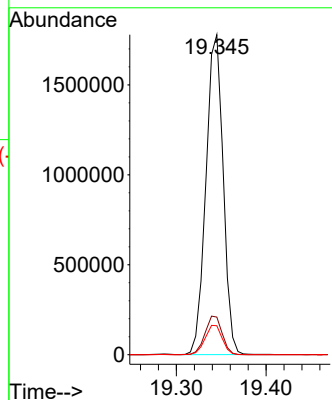
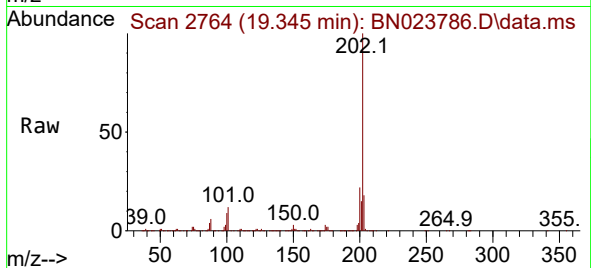
Tgt Ion:202 Resp: 2369658

Ion Ratio Lower Upper

202 100

101 11.7 9.5 14.3

100 9.1 7.3 10.9



#82

Pyrene

Concen: 41.214 ng/ul

RT: 19.704 min Scan# 2825

Delta R.T. -0.000 min

Lab File: BN023786.D

Acq: 24 Jan 2023 20:41

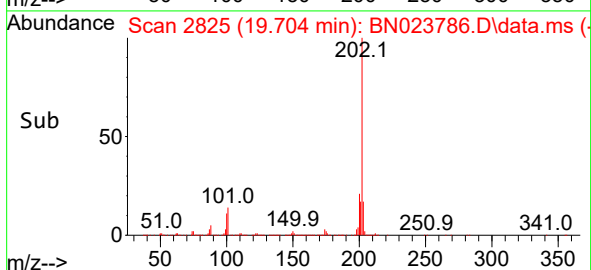
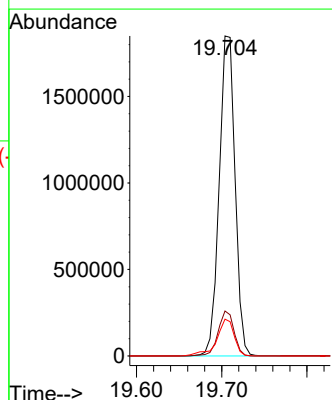
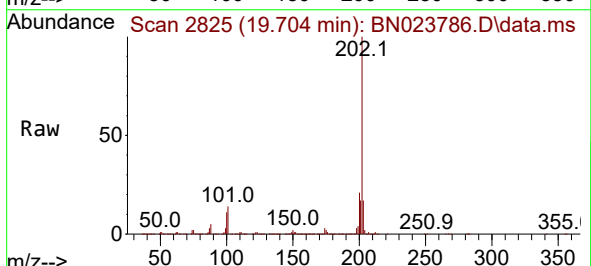
Tgt Ion:202 Resp: 2398088

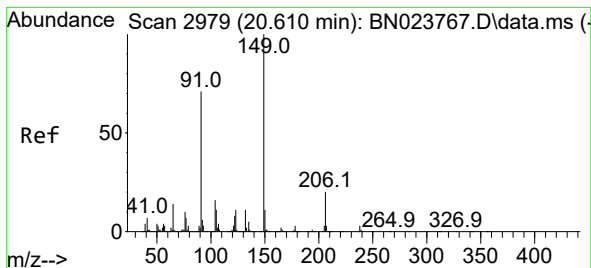
Ion Ratio Lower Upper

202 100

101 14.1 10.9 16.3

100 11.5 8.9 13.3





#83

Butylbenzylphthalate

Concen: 47.130 ng/ul

RT: 20.610 min Scan# 2979

Delta R.T. -0.000 min

Lab File: BN023786.D

Acq: 24 Jan 2023 20:41

Instrument :

BNA_N

ClientSampleId :

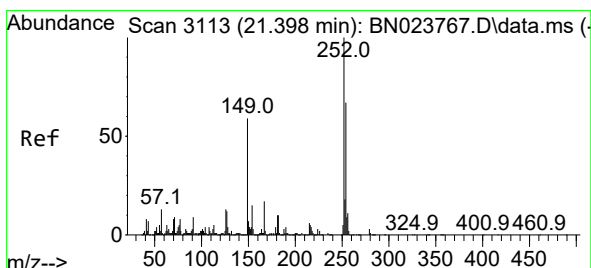
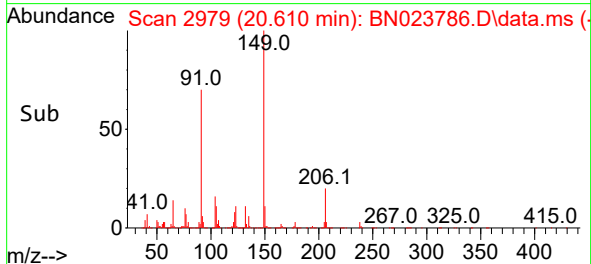
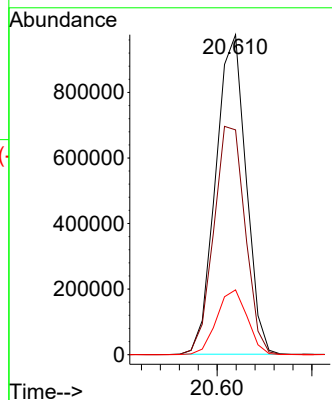
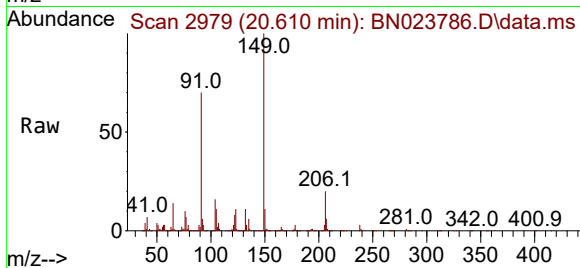
Tgt Ion:149 Resp: 1085679

Ion Ratio Lower Upper

149 100

91 70.2 57.9 86.9

206 20.3 16.8 25.2



#84

3,3'-Dichlorobenzidine

Concen: 40.746 ng/ul

RT: 21.398 min Scan# 3113

Delta R.T. -0.000 min

Lab File: BN023786.D

Acq: 24 Jan 2023 20:41

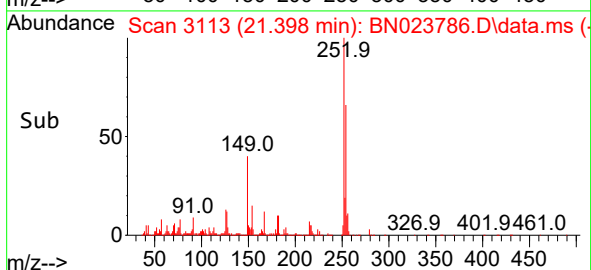
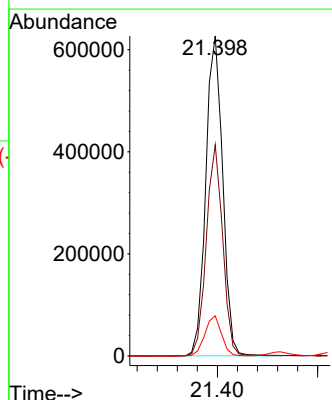
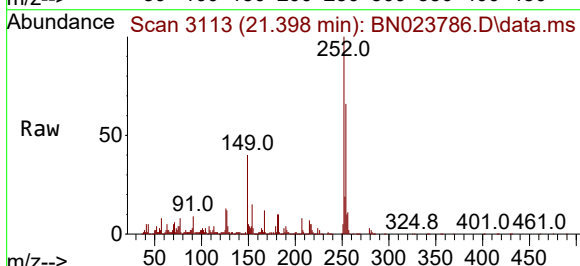
Tgt Ion:252 Resp: 733004

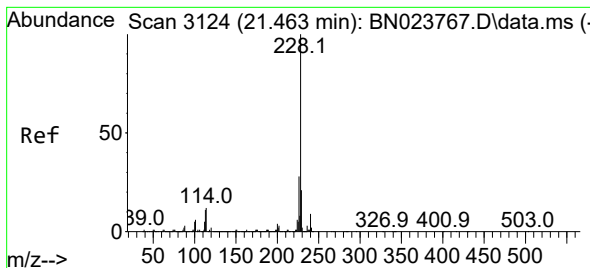
Ion Ratio Lower Upper

252 100

254 66.0 51.2 76.8

126 12.6 8.8 13.2





#85

Benzo(a)anthracene

Concen: 39.232 ng/ul

RT: 21.463 min Scan# 3124

Delta R.T. -0.000 min

Lab File: BN023786.D

Acq: 24 Jan 2023 20:41

Instrument :

BNA_N

ClientSampleId :

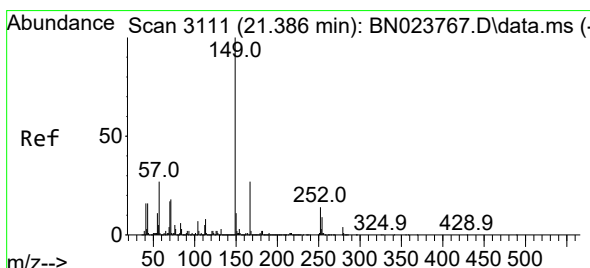
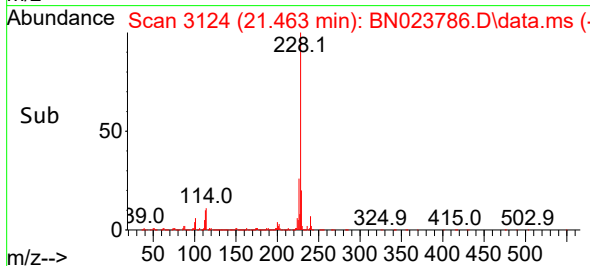
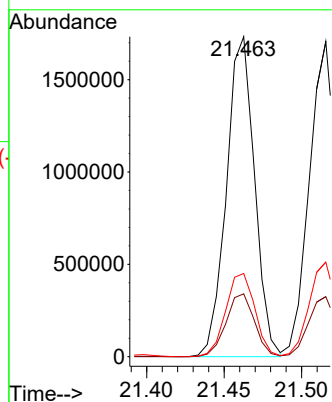
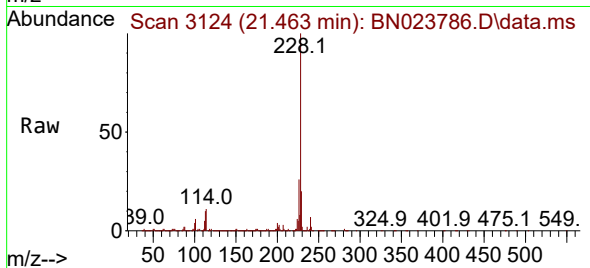
Tgt Ion:228 Resp: 2188485

Ion Ratio Lower Upper

228 100

229 19.6 15.0 22.4

226 26.0 22.1 33.1



#86

Bis(2-ethylhexyl)phthalate

Concen: 46.613 ng/ul

RT: 21.386 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BN023786.D

Acq: 24 Jan 2023 20:41

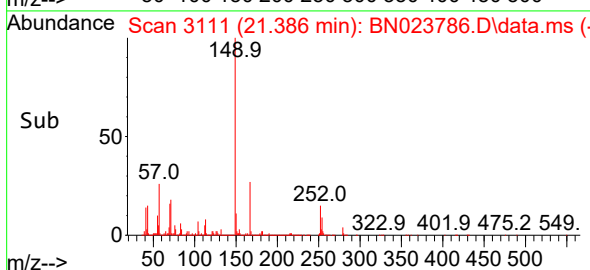
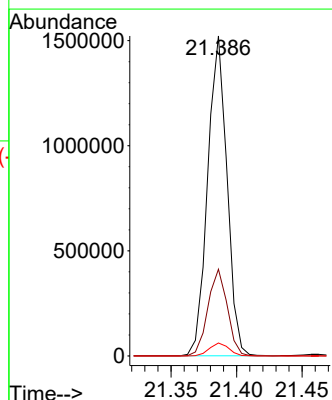
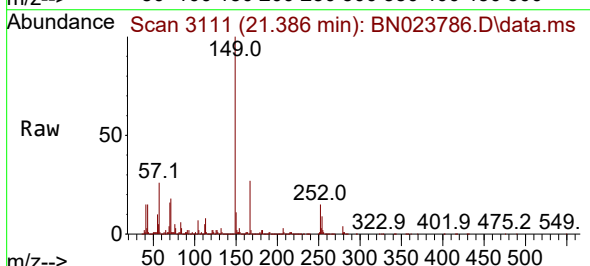
Tgt Ion:149 Resp: 1559035

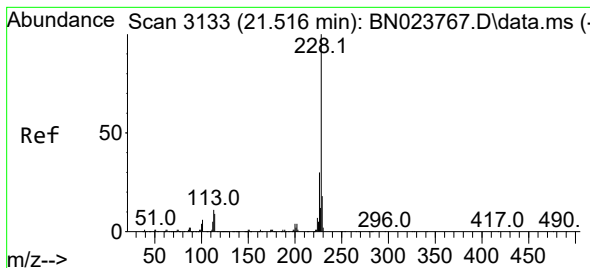
Ion Ratio Lower Upper

149 100

167 27.1 22.0 33.0

279 4.0 3.4 5.2





#87

Chrysene

Concen: 39.666 ng/ul

RT: 21.516 min Scan# 3133

Delta R.T. -0.000 min

Lab File: BN023786.D

Acq: 24 Jan 2023 20:41

Instrument :

BNA_N

ClientSampleId :

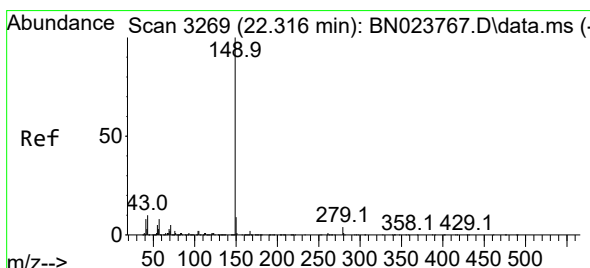
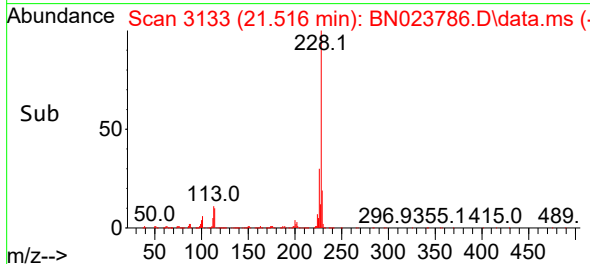
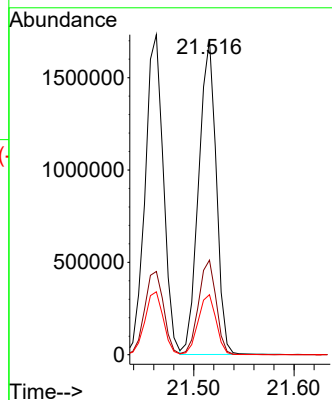
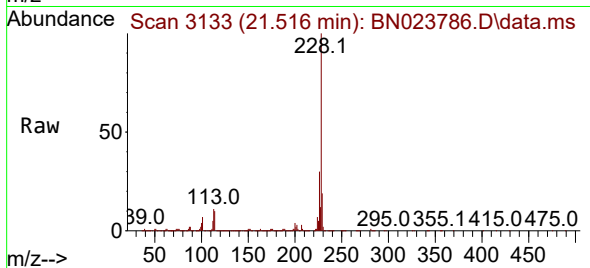
Tgt Ion:228 Resp: 2074682

Ion Ratio Lower Upper

228 100

226 30.0 24.6 37.0

229 19.0 16.8 25.2



#89

Di-n-octyl phthalate

Concen: 51.744 ng/ul

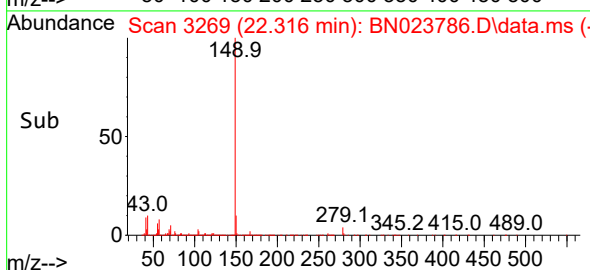
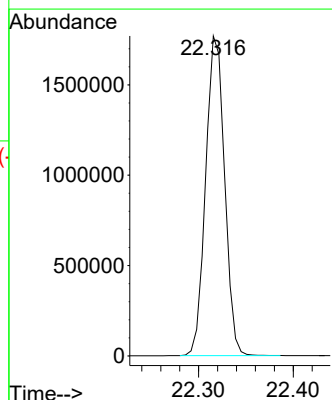
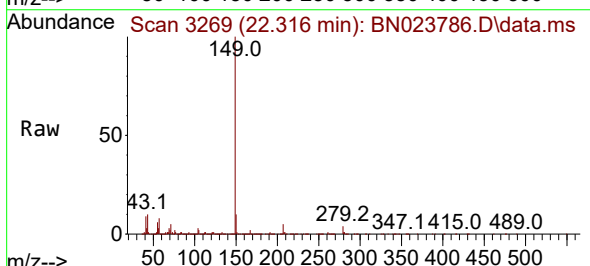
RT: 22.316 min Scan# 3269

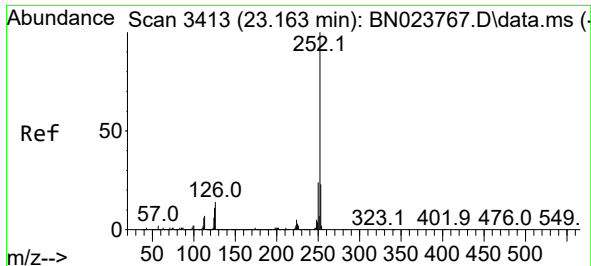
Delta R.T. -0.000 min

Lab File: BN023786.D

Acq: 24 Jan 2023 20:41

Tgt Ion:149 Resp: 2449374

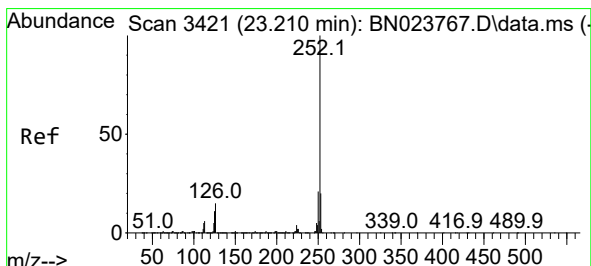
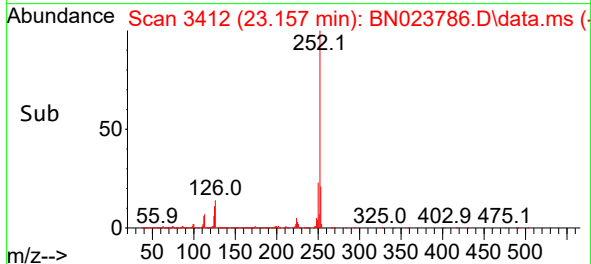
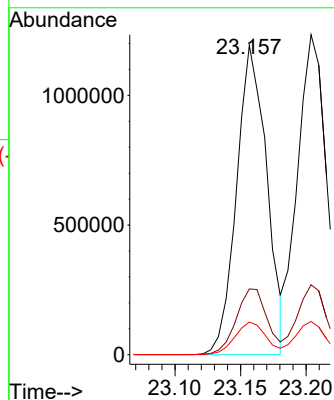
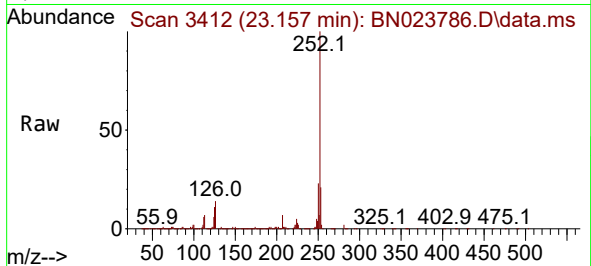




#90
Benzo(b)fluoranthene
Concen: 43.736 ng/ul
RT: 23.157 min Scan# 3413
Delta R.T. -0.006 min
Lab File: BN023786.D
Acq: 24 Jan 2023 20:41

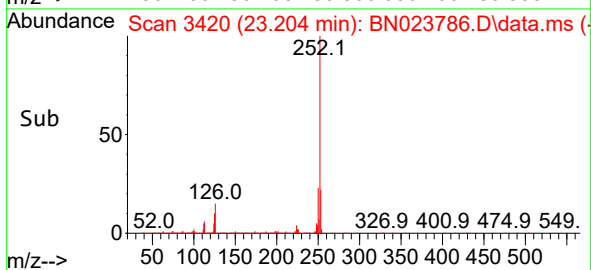
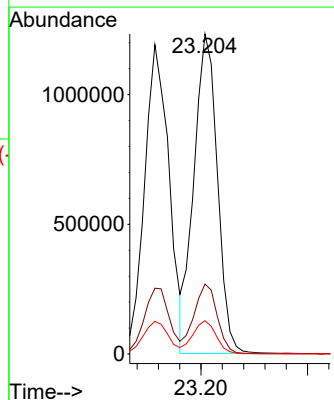
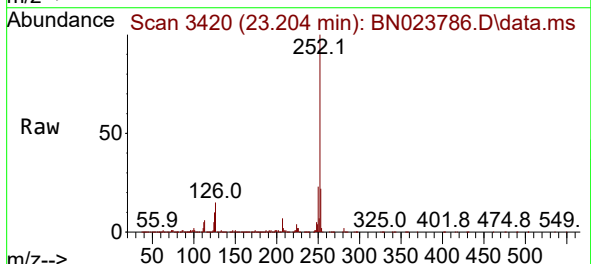
Instrument :
BNA_N
ClientSampleId :

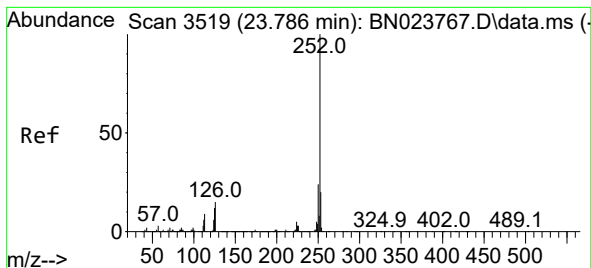
Tgt Ion:252 Resp: 1910794
Ion Ratio Lower Upper
252 100
253 21.3 17.2 25.8
125 10.6 8.6 13.0



#91
Benzo(k)fluoranthene
Concen: 43.696 ng/ul
RT: 23.204 min Scan# 3420
Delta R.T. -0.006 min
Lab File: BN023786.D
Acq: 24 Jan 2023 20:41

Tgt Ion:252 Resp: 1888255
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 10.4 8.6 12.8





#93

Benzo(a)pyrene

Concen: 40.503 ng/ul

RT: 23.792 min Scan# 3520

Delta R.T. 0.006 min

Lab File: BN023786.D

Acq: 24 Jan 2023 20:41

Instrument :

BNA_N

ClientSampleId :

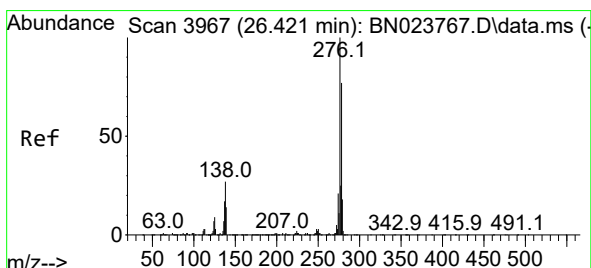
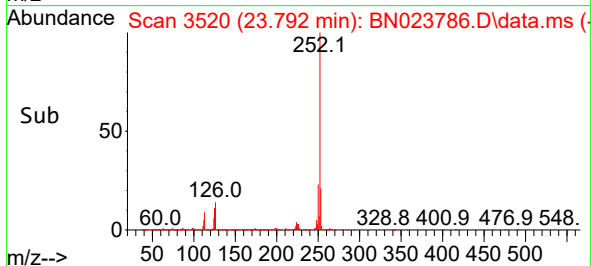
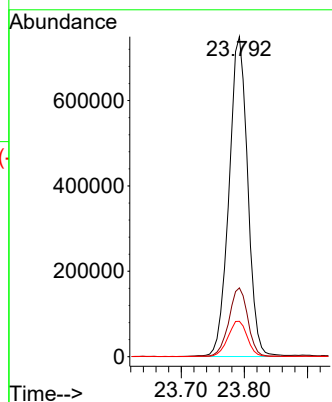
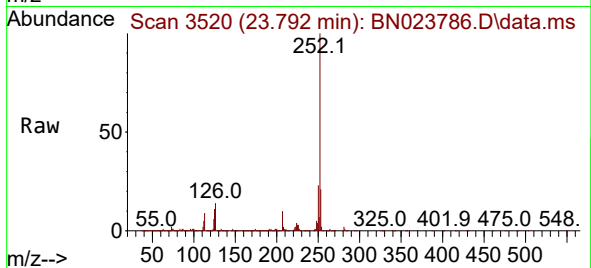
Tgt Ion:252 Resp: 1534671

Ion Ratio Lower Upper

252 100

253 21.5 16.6 25.0

125 11.1 9.8 14.6



#94

Indeno(1,2,3-cd)pyrene

Concen: 41.793 ng/ul

RT: 26.404 min Scan# 3964

Delta R.T. -0.018 min

Lab File: BN023786.D

Acq: 24 Jan 2023 20:41

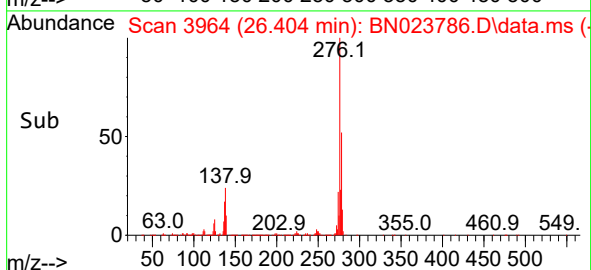
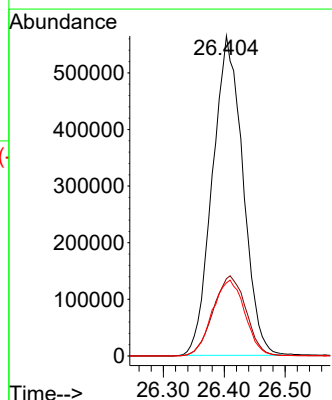
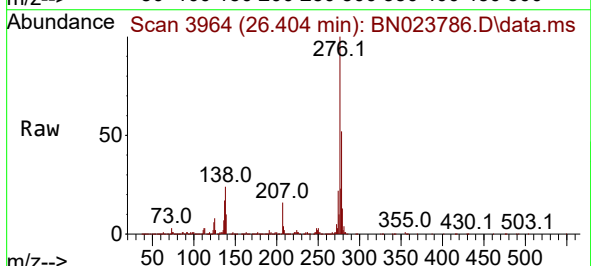
Tgt Ion:276 Resp: 1957056

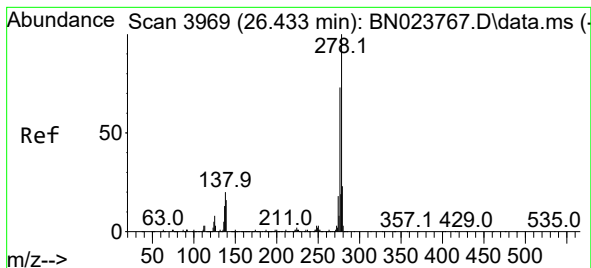
Ion Ratio Lower Upper

276 100

138 24.2 20.6 30.8

277 22.8 18.9 28.3





#95

Dibenzo(a,h)anthracene

Concen: 42.436 ng/ul

RT: 26.421 min Scan# 3967

Delta R.T. -0.012 min

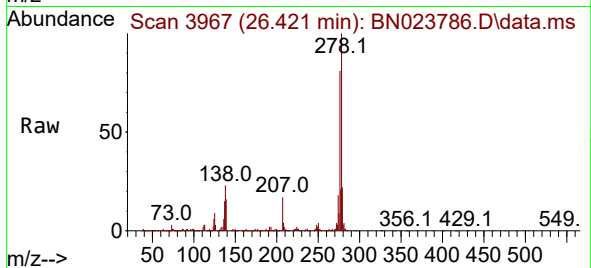
Lab File: BN023786.D

Acq: 24 Jan 2023 20:41

Instrument :

BNA_N

ClientSampleId :



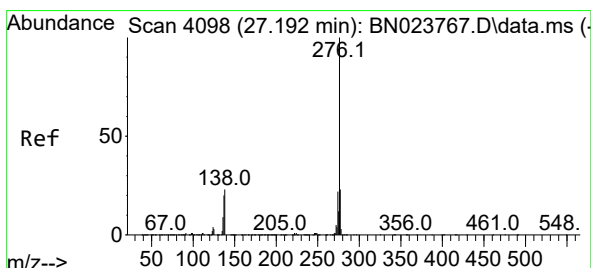
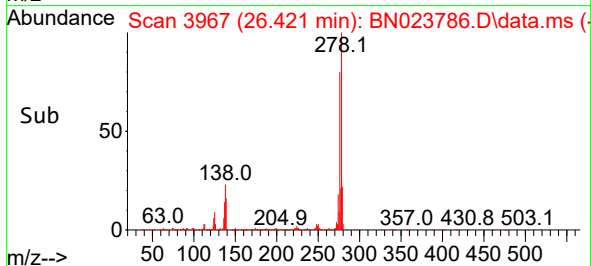
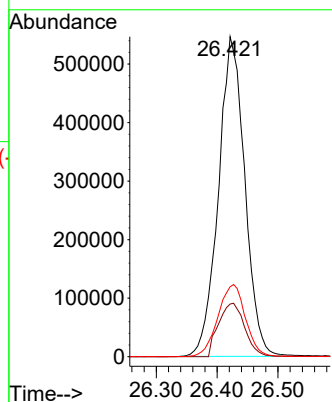
Tgt Ion:278 Resp: 1643085

Ion Ratio Lower Upper

278 100

139 16.5 14.1 21.1

279 21.9 18.0 27.0



#96

Benzo(g,h,i)perylene

Concen: 42.180 ng/ul

RT: 27.186 min Scan# 4097

Delta R.T. -0.006 min

Lab File: BN023786.D

Acq: 24 Jan 2023 20:41

Tgt Ion:276 Resp: 1573000

Ion Ratio Lower Upper

276 100

138 21.9 17.0 25.6

277 23.4 17.6 26.4

