

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012323\
 Data File : BN023788.D
 Acq On : 24 Jan 2023 22:32
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 24 23:59:58 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	210486	20.000	ng/u1	0.00
20) Naphthalene-d8	10.699	136	938355	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.534	164	573617	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.281	188	1163004	20.000	ng/u1	0.00
79) Chrysene-d12	21.469	240	1024073	20.000	ng/u1	-0.01
88) Perylene-d12	23.880	264	1081187	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	38783	7.929	ng/uL	0.00
4) Pyridine-d5	3.693	84	258754	17.632	ng/u1	0.00
7) Phenol-d5	7.052	99	333635	17.885	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	218441	19.088	ng/u1	0.00
11) 2-Chlorophenol-d4	7.416	132	280945	19.664	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	254250	17.076	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	125532	17.741	ng/u1	0.00
24) 2-Nitrophenol-d4	9.775	143	136918	18.279	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	270229	18.914	ng/u1	0.00
31) 4-Chloroaniline-d4	10.840	131	402040	17.889	ng/u1	0.00
46) Dimethylphthalate-d6	13.945	166	793857	18.604	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	903893	19.118	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	145554	16.756	ng/u1	0.00
60) Fluorene-d10	15.528	176	656263	17.999	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	125153	17.839	ng/u1	0.00
73) Anthracene-d10	17.381	188	963123	18.506	ng/u1	0.00
81) Pyrene-d10	19.675	212	1194121	20.389	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.715	264	984621	18.415	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	40489	7.841	ng/uL	98
5) Pyridine	3.717	79	260392	17.332	ng/u1	94
6) Benzaldehyde	7.022	77	152815	21.152	ng/u1	98
8) Phenol	7.081	94	347565	18.303	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.310	93	287055	19.131	ng/u1	99
12) 2-Chlorophenol	7.446	128	286529	19.407	ng/u1	98
13) 2-Methylphenol	8.334	108	251843	17.623	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.416	45	356027	17.742	ng/u1	98
16) Acetophenone	8.716	105	394455	17.140	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.705	70	206130	17.789	ng/u1	99
18) 4-Methylphenol	8.663	108	264653	16.817	ng/u1	98
19) Hexachloroethane	8.969	117	107825	18.260	ng/u1	98
22) Nitrobenzene	9.099	77	310971	17.560	ng/u1	97
23) Isophorone	9.622	82	566814	17.697	ng/u1	99
25) 2-Nitrophenol	9.810	139	152163	18.275	ng/u1	98
26) 2,4-Dimethylphenol	9.875	107	296536	17.549	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.110	93	389221	18.736	ng/u1	99
29) 2,4-Dichlorophenol	10.346	162	265954	18.603	ng/u1	98
30) Naphthalene	10.746	128	925438	18.346	ng/u1	99
32) 4-Chloroaniline	10.863	127	401268	17.828	ng/u1	99
33) Hexachlorobutadiene	11.028	225	166391	18.817	ng/u1	98
34) Caprolactam	11.640	113	64237	13.379	ng/u1	95
35) 4-Chloro-3-methylphenol	11.987	107	291799	18.720	ng/u1	98
36) 2-Methylnaphthalene	12.357	142	615757	18.312	ng/u1	96

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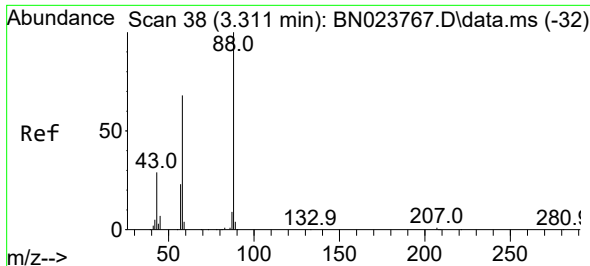
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.575	142	629071	18.311	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.728	216	321321	18.940	ng/ul	99
40) Hexachlorocyclopentadiene	12.704	237	202947	18.981	ng/ul	98
41) 2,4,6-Trichlorophenol	12.969	196	213136	19.059	ng/ul	97
42) 2,4,5-Trichlorophenol	13.040	196	230320	18.833	ng/ul	92
43) 1,1'-Biphenyl	13.369	154	806985	18.235	ng/ul	99
44) 2-Chloronaphthalene	13.410	162	635507	18.509	ng/ul	98
45) 2-Nitroaniline	13.622	65	190475	20.117	ng/ul	98
47) Dimethylphthalate	13.998	163	792166	18.475	ng/ul	99
48) 2,6-Dinitrotoluene	14.122	165	157932	19.484	ng/ul	96
50) Acenaphthylene	14.257	152	973236	18.513	ng/ul	99
51) 3-Nitroaniline	14.445	138	149055	18.350	ng/ul	99
52) Acenaphthene	14.598	153	674269	18.193	ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	71164	13.433	ng/ul	97
55) 4-Nitrophenol	14.751	109	119910	17.093	ng/ul	98
56) Dibenzofuran	14.934	168	938031	18.183	ng/ul	98
57) 2,4-Dinitrotoluene	14.904	165	231719	19.582	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.163	232	195909	18.695	ng/ul	98
59) Diethylphthalate	15.357	149	807899	18.810	ng/ul	98
61) Fluorene	15.586	166	760753	18.210	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.575	204	376825	18.529	ng/ul	98
63) 4-Nitroaniline	15.610	138	133877	17.901	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.663	198	127041	18.349	ng/ul	96
67) N-Nitrosodiphenylamine	15.792	169	647477	19.838	ng/ul	99
68) 4-Bromophenyl-phenylether	16.475	248	219651	18.842	ng/ul	90
69) Hexachlorobenzene	16.586	284	262079	19.185	ng/ul	99
70) Atrazine	16.745	200	226611	18.552	ng/ul	99
71) Pentachlorophenol	16.933	266	146904	16.850	ng/ul	95
72) Phenanthrene	17.322	178	1124938	18.052	ng/ul	99
74) Anthracene	17.416	178	1129677	18.215	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.334	216	315380	20.142	ng/ul	97
76) Pentachlorobenzene	14.851	250	301602	19.230	ng/ul	97
77) Carbazole	17.686	167	1080239	19.183	ng/ul	99
78) Di-n-butylphthalate	18.251	149	1390957	20.804	ng/ul	100
80) Fluoranthene	19.339	202	1401224	20.455	ng/ul	100
82) Pyrene	19.704	202	1446009	19.985	ng/ul	98
83) Butylbenzylphthalate	20.604	149	640046	22.344	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.392	252	435843	19.483	ng/ul	98
85) Benzo(a)anthracene	21.451	228	1284504	18.517	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.380	149	873590	21.004	ng/ul	99
87) Chrysene	21.510	228	1207607	18.567	ng/ul	96
89) Di-n-octyl phthalate	22.304	149	1422962	19.070	ng/ul	100
90) Benzo(b)fluoranthene	23.139	252	1250546	18.158	ng/ul	100
91) Benzo(k)fluoranthene	23.192	252	1228283	18.031	ng/ul	100
93) Benzo(a)pyrene	23.768	252	1084337	18.154	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.368	276	1275136	17.274	ng/ul	98
95) Dibenzo(a,h)anthracene	26.386	278	1059924	17.366	ng/ul	98
96) Benzo(g,h,i)perylene	27.133	276	974766	16.581	ng/ul	96

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

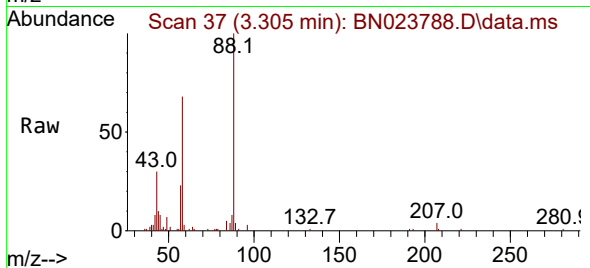
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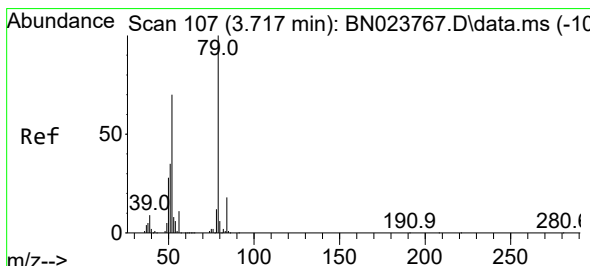
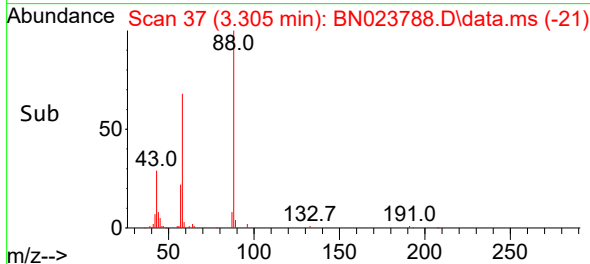
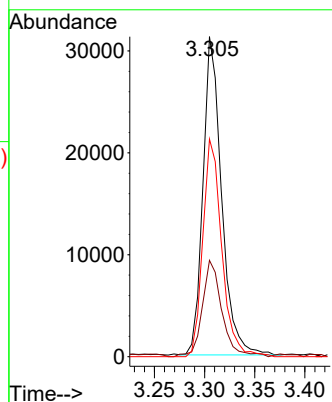


#2
 1,4-Dioxane
 Concen: 7.841 ng/uL
 RT: 3.305 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BN023788.D
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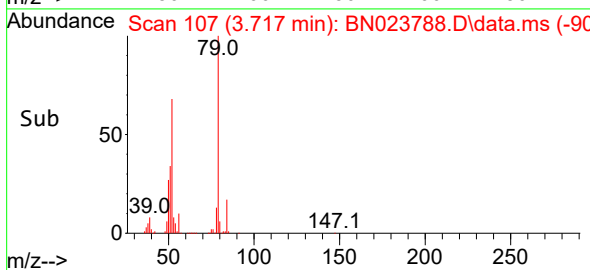
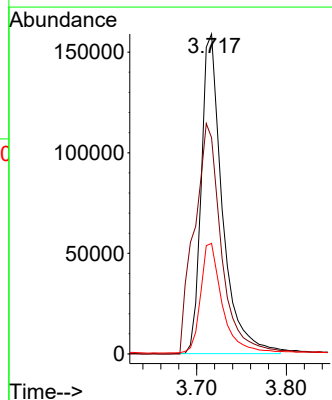
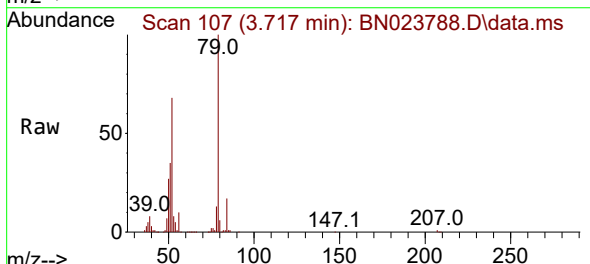


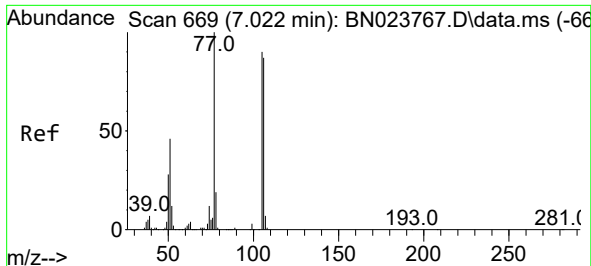
Tgt Ion: 88 Resp: 40489
 Ion Ratio Lower Upper
 88 100
 43 30.1 24.6 36.8
 58 68.0 56.2 84.4



#5
 Pyridine
 Concen: 17.332 ng/uL
 RT: 3.717 min Scan# 107
 Delta R.T. -0.000 min
 Lab File: BN023788.D
 Acq: 24 Jan 2023 22:32

Tgt Ion: 79 Resp: 260392
 Ion Ratio Lower Upper
 79 100
 52 67.6 59.9 89.9
 51 34.5 28.6 42.8

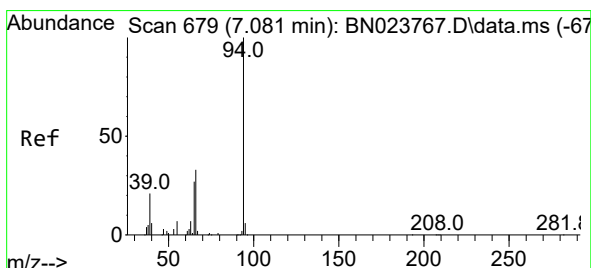
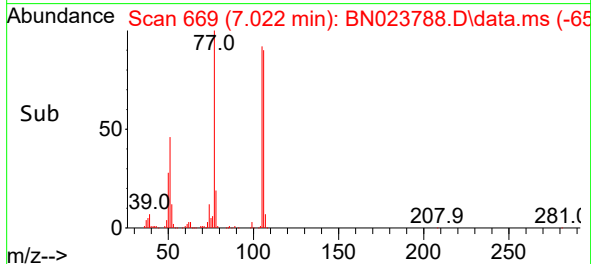
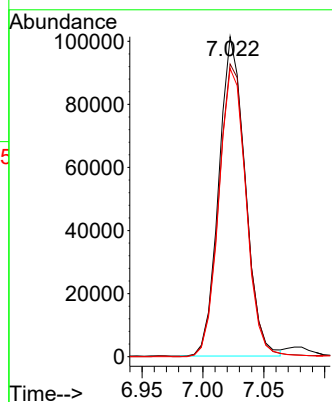
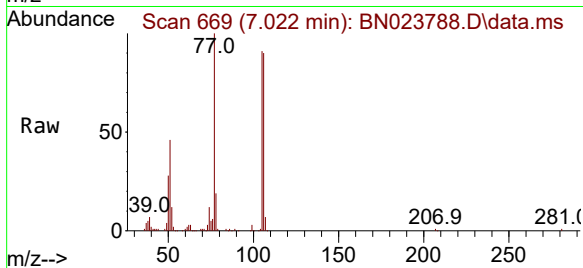




#6
Benzaldehyde
Concen: 21.152 ng/ul
RT: 7.022 min Scan# 669
Delta R.T. -0.000 min
Lab File: BN023788.D
Acq: 24 Jan 2023 22:32

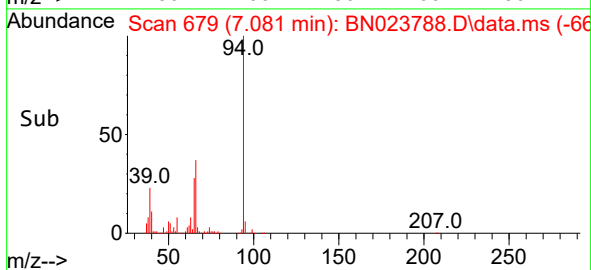
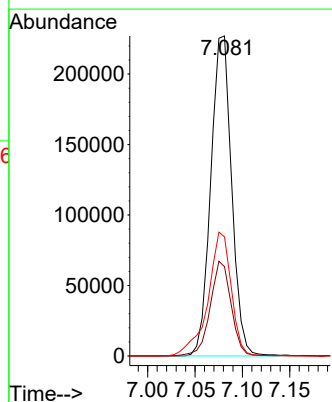
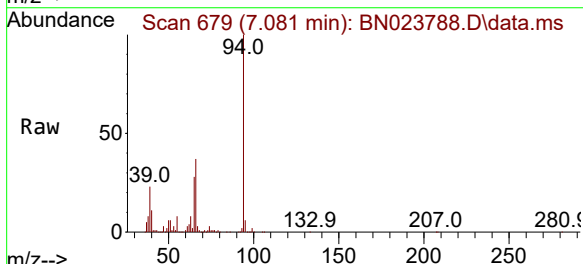
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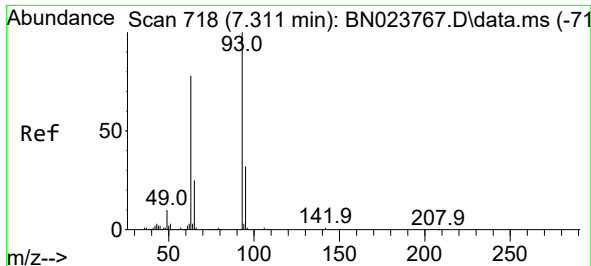
Tgt Ion: 77 Resp: 152815
Ion Ratio Lower Upper
77 100
105 91.4 75.1 112.7
106 90.0 72.8 109.2



#8
Phenol
Concen: 18.303 ng/ul
RT: 7.081 min Scan# 679
Delta R.T. -0.000 min
Lab File: BN023788.D
Acq: 24 Jan 2023 22:32

Tgt Ion: 94 Resp: 347565
Ion Ratio Lower Upper
94 100
65 27.9 23.7 35.5
66 37.2 29.9 44.9

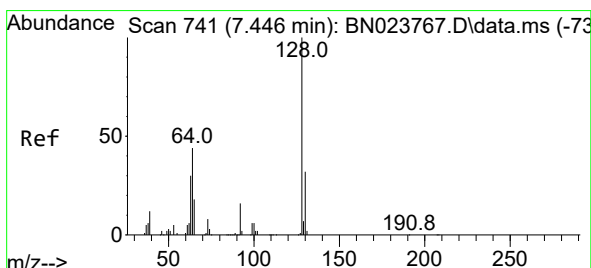
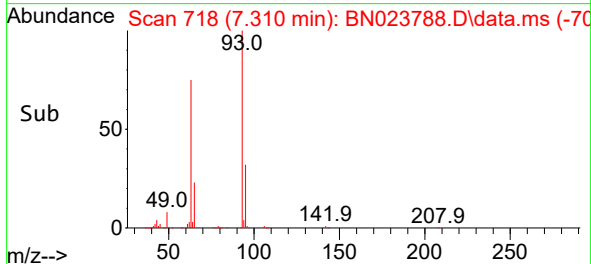
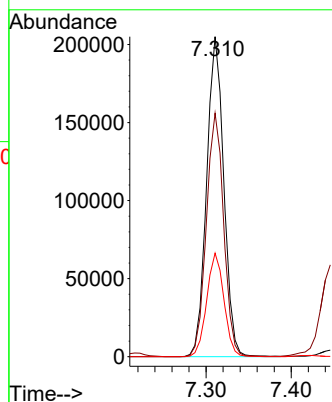
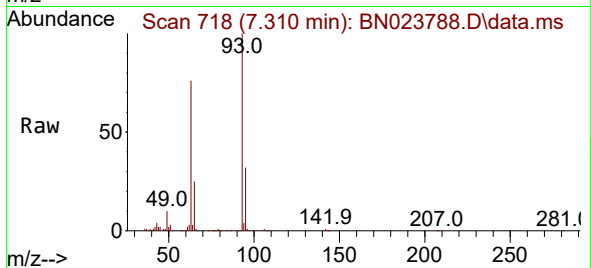




#10
Bis(2-Chloroethyl)ether
Concen: 19.131 ng/ul
RT: 7.310 min Scan# 718
Delta R.T. -0.000 min
Lab File: BN023788.D
Acq: 24 Jan 2023 22:32

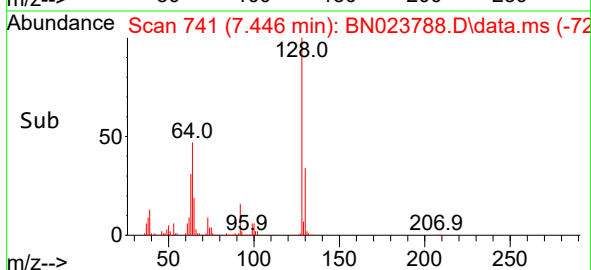
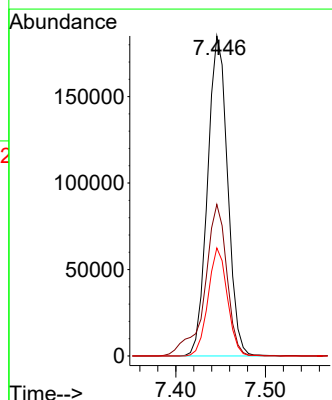
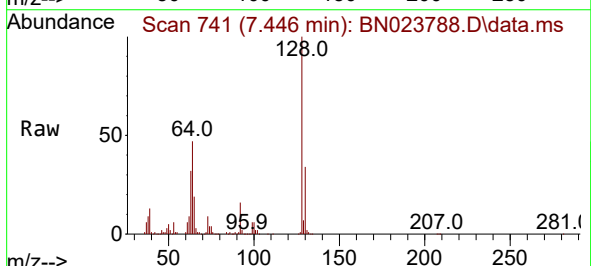
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BNA_N
ClientSampleId :

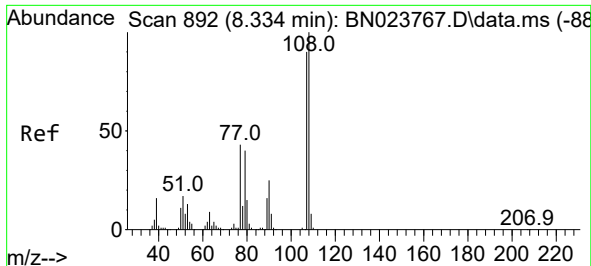
Tgt Ion: 93 Resp: 287055
Ion Ratio Lower Upper
93 100
63 76.1 61.2 91.8
95 32.3 26.6 40.0



#12
2-Chlorophenol
Concen: 19.407 ng/ul
RT: 7.446 min Scan# 741
Delta R.T. -0.000 min
Lab File: BN023788.D
Acq: 24 Jan 2023 22:32

Tgt Ion:128 Resp: 286529
Ion Ratio Lower Upper
128 100
64 47.4 37.4 56.2
130 33.7 25.6 38.4





#13

2-Methylphenol

Concen: 17.623 ng/ul

RT: 8.334 min Scan# 892

Delta R.T. -0.000 min

Lab File: BN023788.D

Acq: 24 Jan 2023 22:32

Instrument :

BNA_N

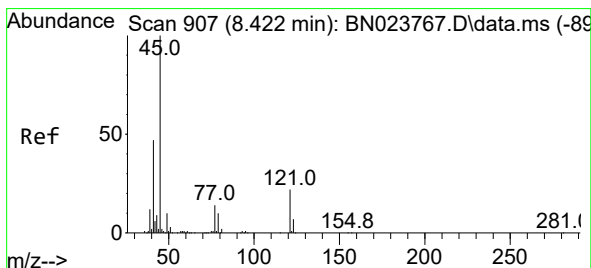
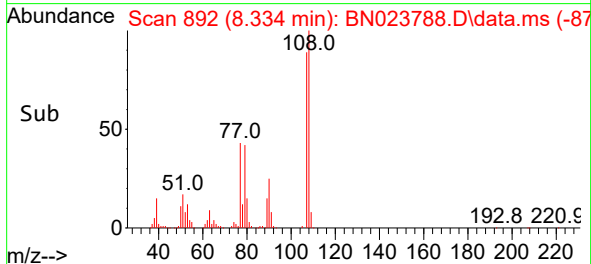
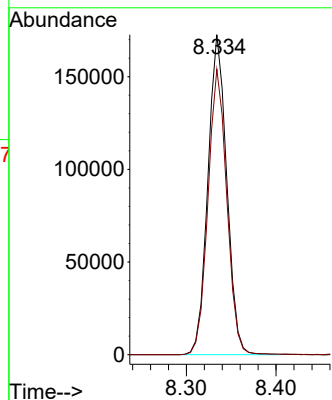
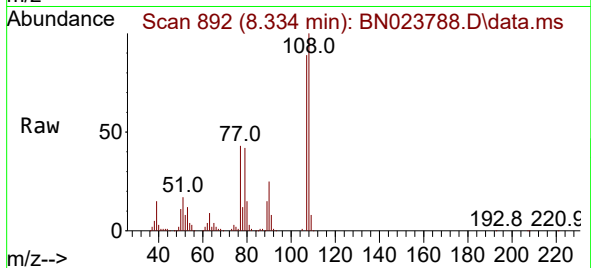
ClientSampleId :

Tgt Ion:108 Resp: 251843

Ion Ratio Lower Upper

108 100

107 89.2 72.3 108.5



#14

2,2'-oxybis(1-Chloropropane)

Concen: 17.742 ng/ul

RT: 8.416 min Scan# 906

Delta R.T. -0.006 min

Lab File: BN023788.D

Acq: 24 Jan 2023 22:32

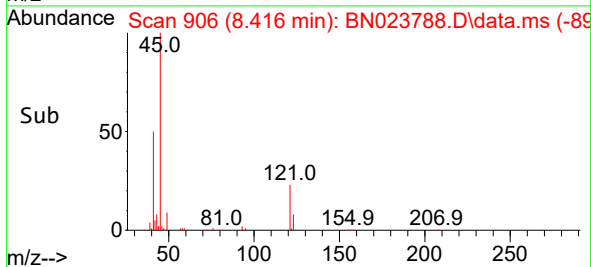
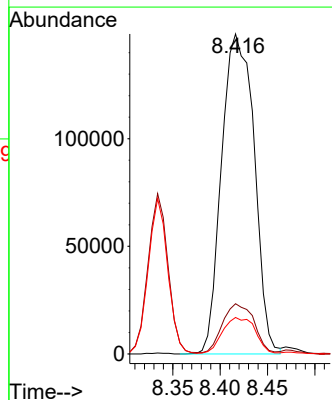
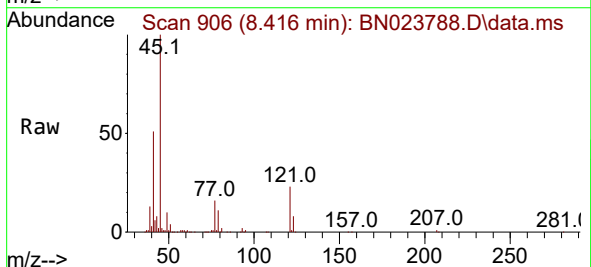
Tgt Ion: 45 Resp: 356027

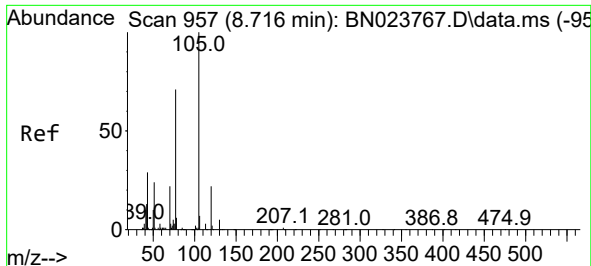
Ion Ratio Lower Upper

45 100

77 15.7 11.4 17.2

79 11.4 8.8 13.2

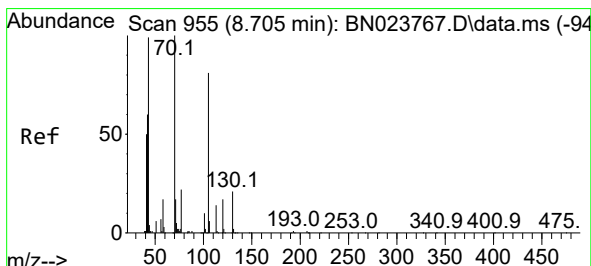
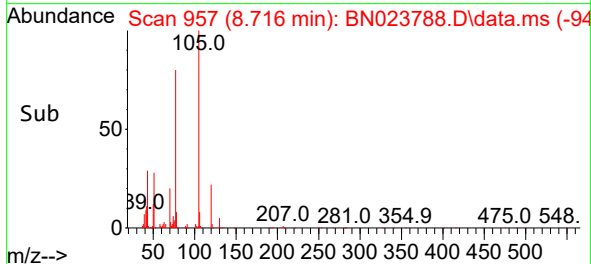
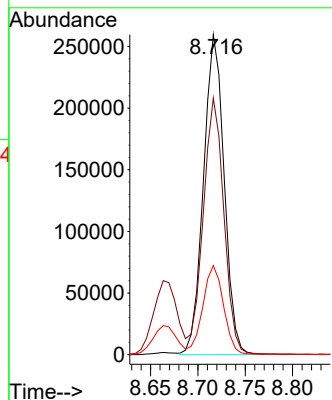
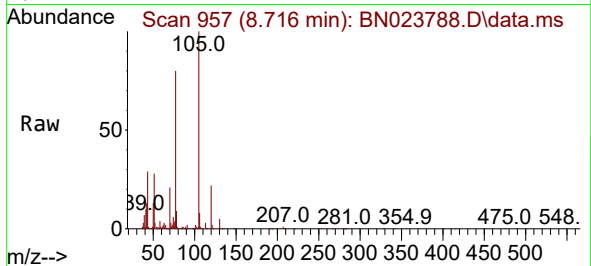




#16
Acetophenone
Concen: 17.140 ng/ul
RT: 8.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN023788.D
Acq: 24 Jan 2023 22:32

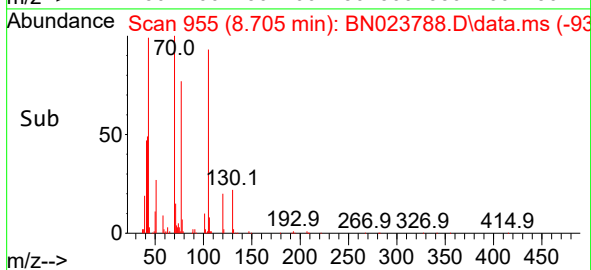
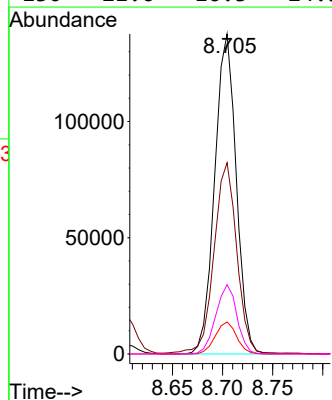
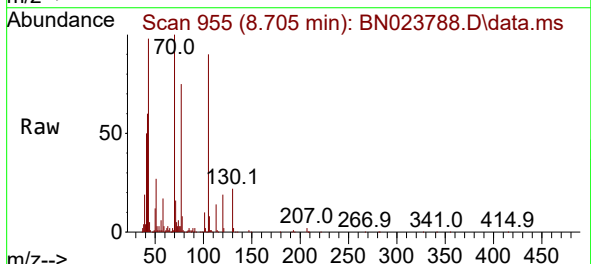
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BNA_N
ClientSampleId :

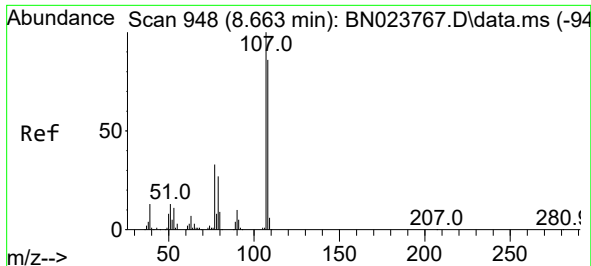
Tgt Ion:105 Resp: 394455
Ion Ratio Lower Upper
105 100
77 80.2 64.2 96.2
51 27.9 22.0 33.0



#17
N-Nitroso-di-n-propylamine
Concen: 17.789 ng/ul
RT: 8.705 min Scan# 955
Delta R.T. -0.000 min
Lab File: BN023788.D
Acq: 24 Jan 2023 22:32

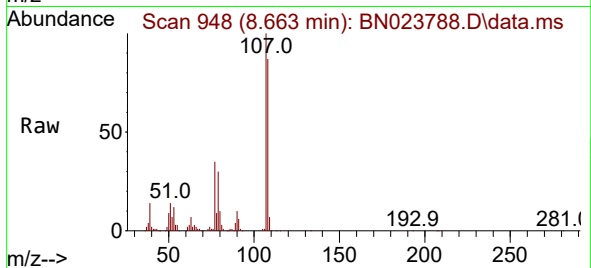
Tgt Ion: 70 Resp: 206130
Ion Ratio Lower Upper
70 100
42 59.8 47.8 71.6
101 10.0 7.8 11.6
130 21.6 16.3 24.5



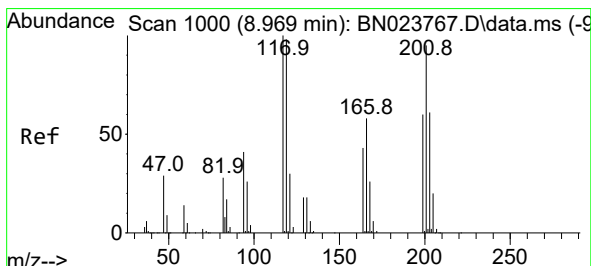
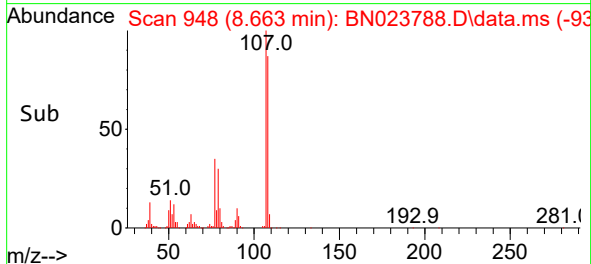
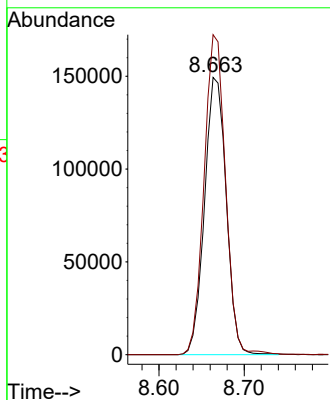


#18
4-Methylphenol
Concen: 16.817 ng/ul
RT: 8.663 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN023788.D
Acq: 24 Jan 2023 22:32

Instrument :
BNA_N
ClientSampleId :

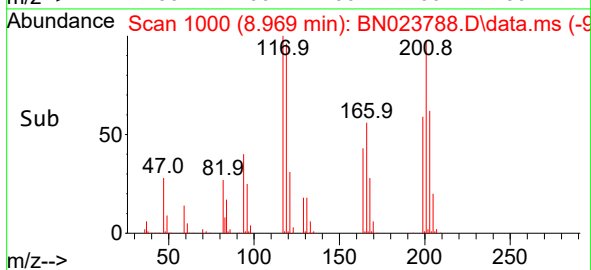
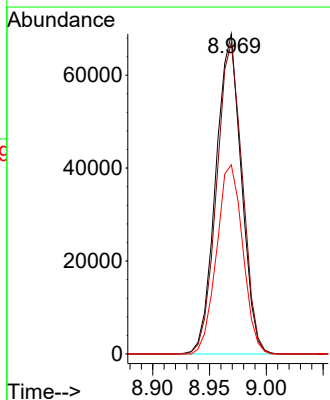
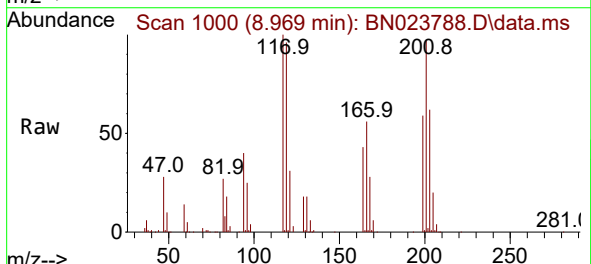


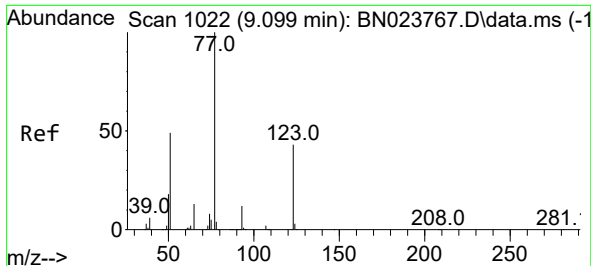
Tgt Ion:108 Resp: 264653
Ion Ratio Lower Upper
108 100
107 115.4 90.7 136.1



#19
Hexachloroethane
Concen: 18.260 ng/ul
RT: 8.969 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BN023788.D
Acq: 24 Jan 2023 22:32

Tgt Ion:117 Resp: 107825
Ion Ratio Lower Upper
117 100
201 97.3 76.9 115.3
199 59.1 44.6 67.0





#22

Nitrobenzene

Concen: 17.560 ng/ul

RT: 9.099 min Scan# 1022

Delta R.T. -0.000 min

Lab File: BN023788.D

Acq: 24 Jan 2023 22:32

Instrument :

BNA_N

ClientSampleId :

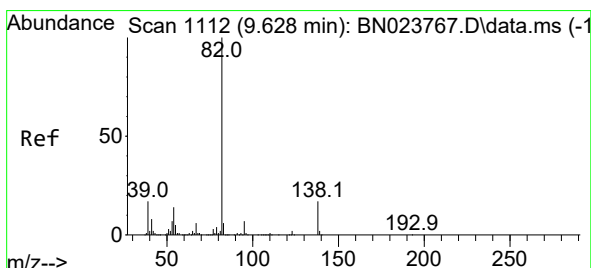
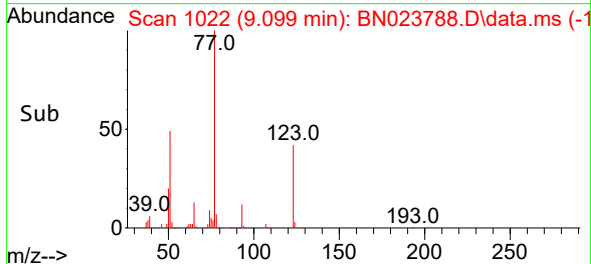
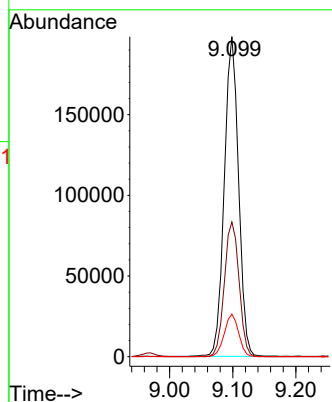
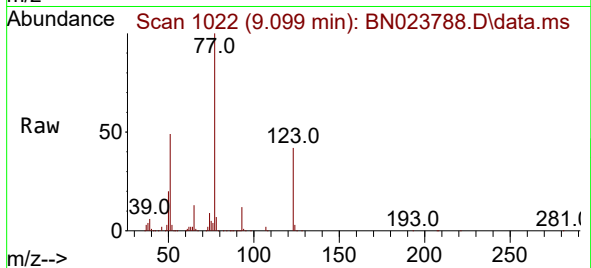
Tgt Ion: 77 Resp: 310971

Ion Ratio Lower Upper

77 100

123 42.1 35.6 53.4

65 13.3 11.0 16.4



#23

Isophorone

Concen: 17.697 ng/ul

RT: 9.622 min Scan# 1111

Delta R.T. -0.006 min

Lab File: BN023788.D

Acq: 24 Jan 2023 22:32

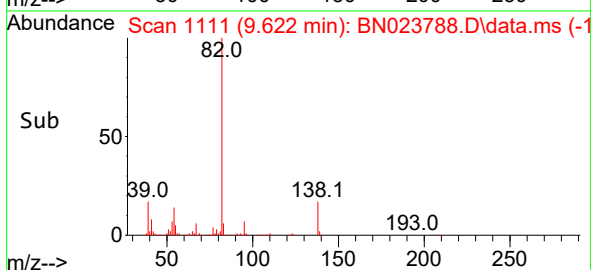
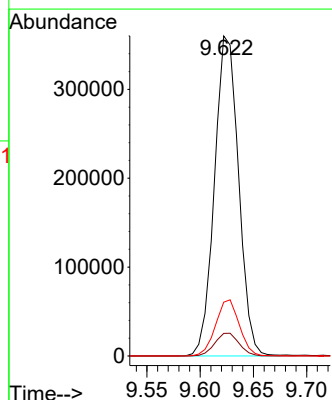
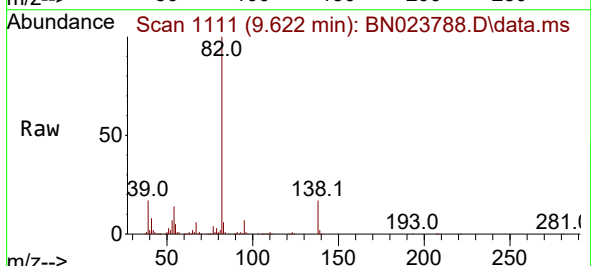
Tgt Ion: 82 Resp: 566814

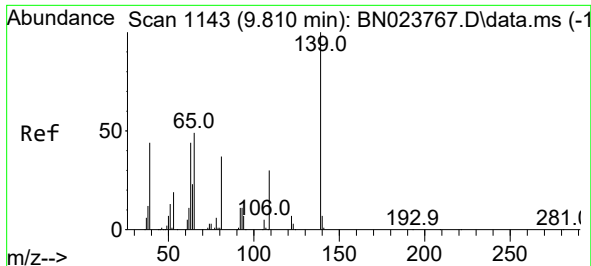
Ion Ratio Lower Upper

82 100

95 7.0 5.5 8.3

138 16.8 13.8 20.8

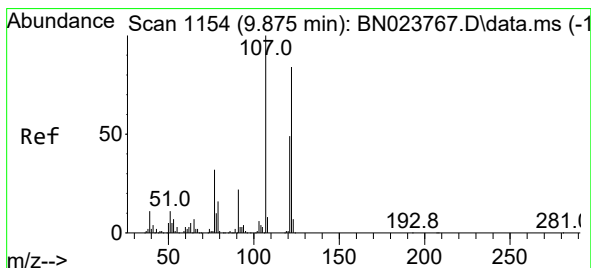
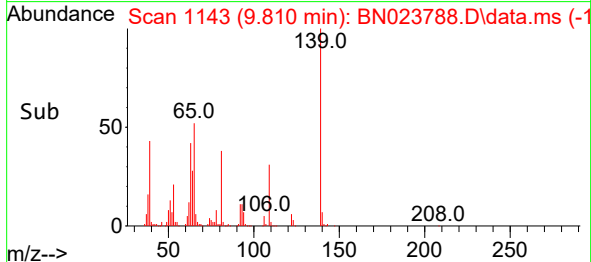
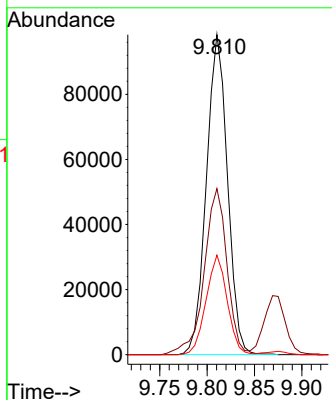
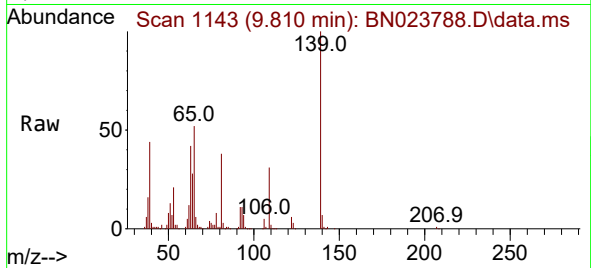




#25
2-Nitrophenol
Concen: 18.275 ng/ul
RT: 9.810 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BN023788.D
Acq: 24 Jan 2023 22:32

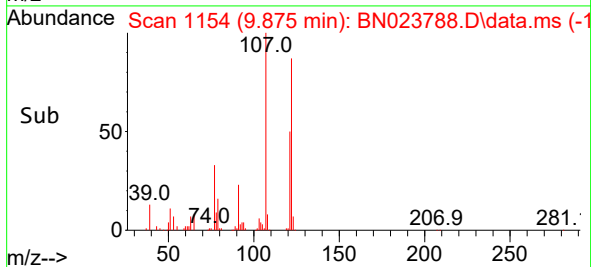
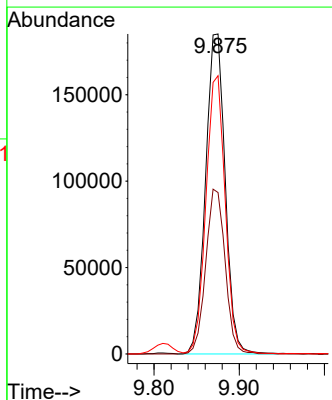
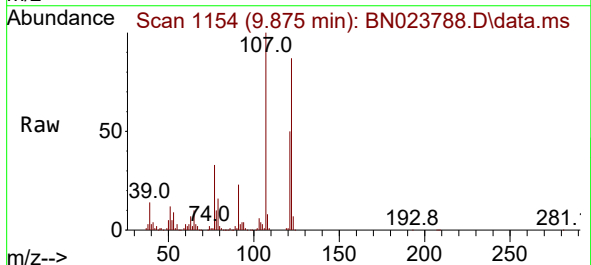
Instrument :
BNA_N
ClientSampleId :

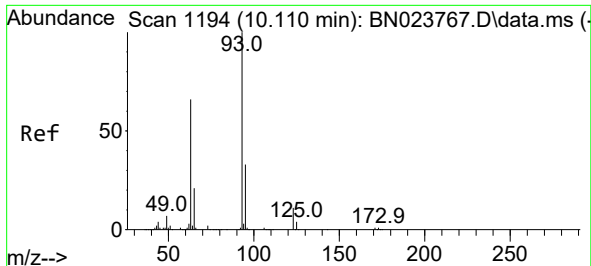
Tgt Ion:139 Resp: 152163
Ion Ratio Lower Upper
139 100
65 51.9 40.3 60.5
109 31.1 24.6 37.0



#26
2,4-Dimethylphenol
Concen: 17.549 ng/ul
RT: 9.875 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BN023788.D
Acq: 24 Jan 2023 22:32

Tgt Ion:107 Resp: 296536
Ion Ratio Lower Upper
107 100
121 50.4 40.4 60.6
122 87.0 67.0 100.4





#27

Bis(2-Chloroethoxy)methane

Concen: 18.736 ng/ul

RT: 10.110 min Scan# 1194

Delta R.T. -0.000 min

Lab File: BN023788.D

Acq: 24 Jan 2023 22:32

Instrument :

BNA_N

ClientSampleId :

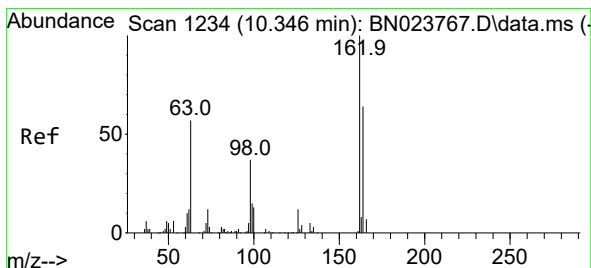
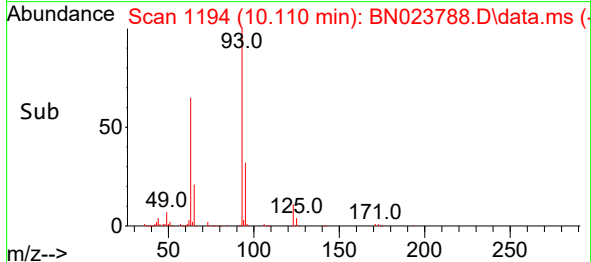
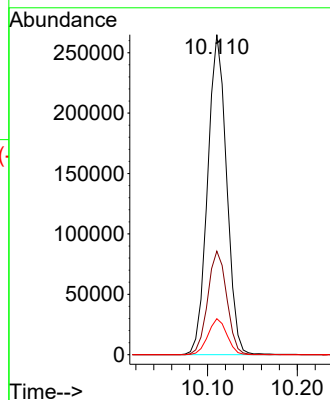
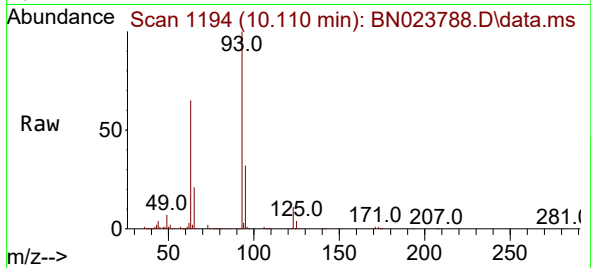
Tgt Ion: 93 Resp: 389221

Ion Ratio Lower Upper

93 100

95 32.4 25.5 38.3

123 11.2 9.4 14.2



#29

2,4-Dichlorophenol

Concen: 18.603 ng/ul

RT: 10.346 min Scan# 1234

Delta R.T. -0.000 min

Lab File: BN023788.D

Acq: 24 Jan 2023 22:32

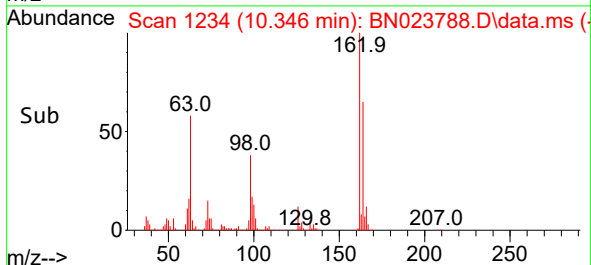
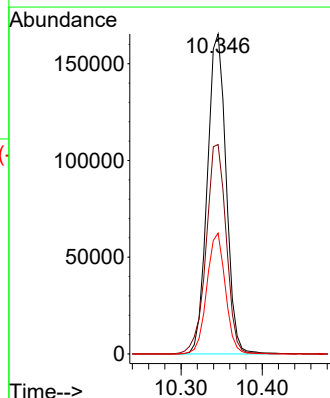
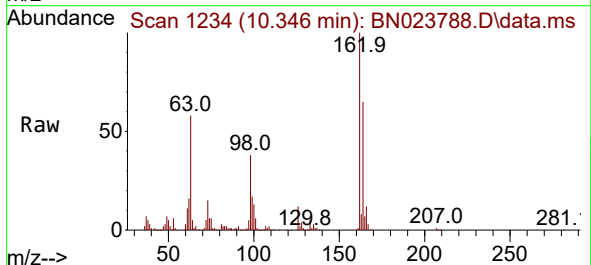
Tgt Ion:162 Resp: 265954

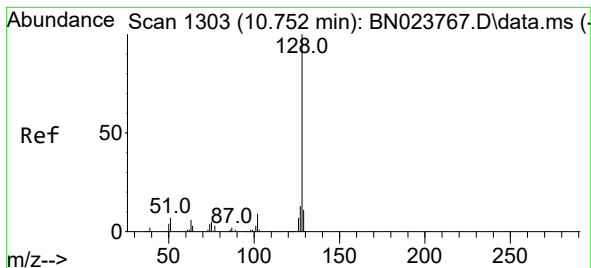
Ion Ratio Lower Upper

162 100

164 65.4 53.8 80.6

98 37.8 28.8 43.2





#30

Naphthalene

Concen: 18.346 ng/ul

RT: 10.746 min Scan# 1302

Delta R.T. -0.006 min

Lab File: BN023788.D

Acq: 24 Jan 2023 22:32

Instrument :

BNA_N

ClientSampleId :

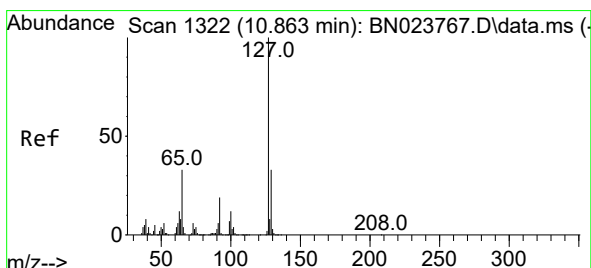
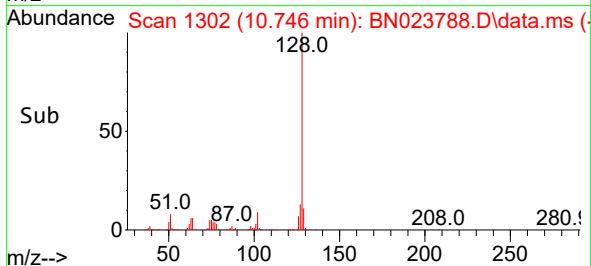
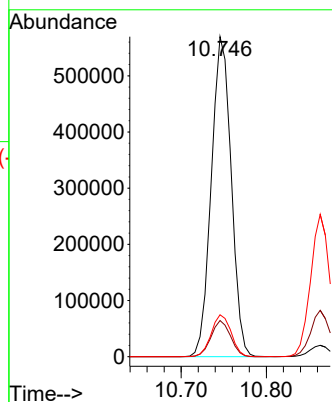
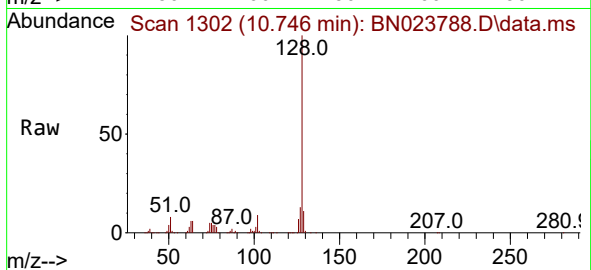
Tgt Ion:128 Resp: 925438

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

127 13.1 10.8 16.2



#32

4-Chloroaniline

Concen: 17.828 ng/ul

RT: 10.863 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BN023788.D

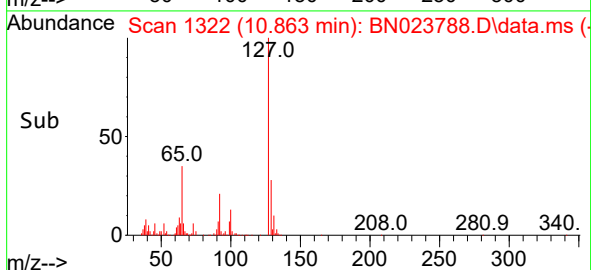
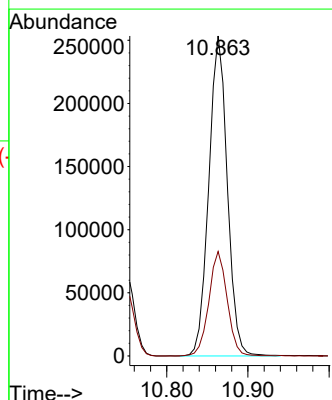
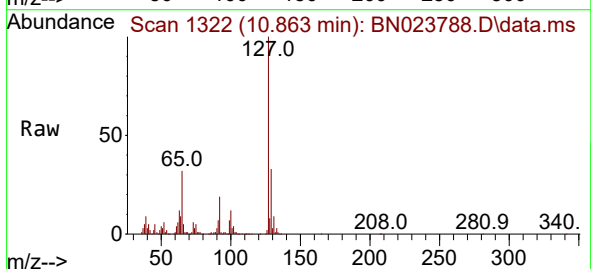
Acq: 24 Jan 2023 22:32

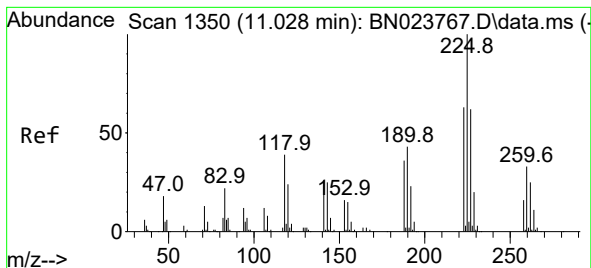
Tgt Ion:127 Resp: 401268

Ion Ratio Lower Upper

127 100

129 32.6 26.4 39.6





#33

Hexachlorobutadiene

Concen: 18.817 ng/ul

RT: 11.028 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN023788.D

Acq: 24 Jan 2023 22:32

Instrument :

BNA_N

ClientSampleId :

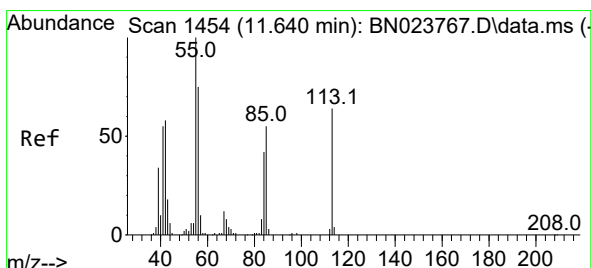
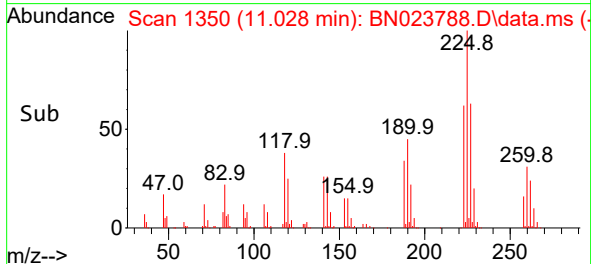
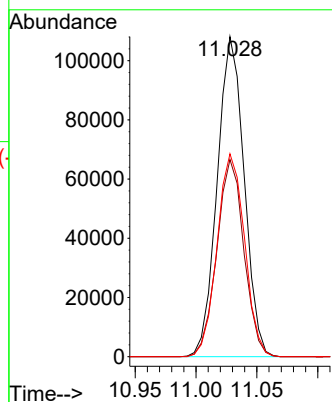
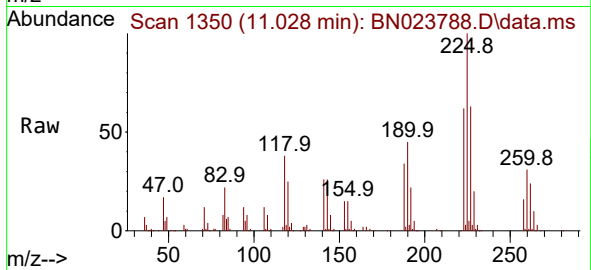
Tgt Ion:225 Resp: 166391

Ion Ratio Lower Upper

225 100

223 61.6 51.7 77.5

227 63.4 50.8 76.2



#34

Caprolactam

Concen: 13.379 ng/ul

RT: 11.640 min Scan# 1454

Delta R.T. -0.000 min

Lab File: BN023788.D

Acq: 24 Jan 2023 22:32

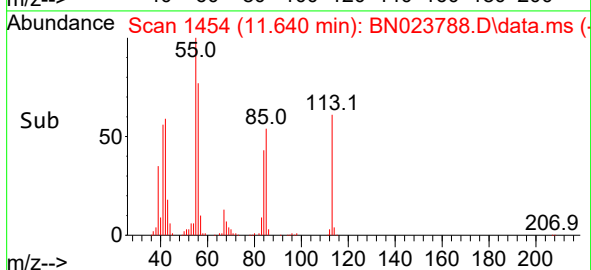
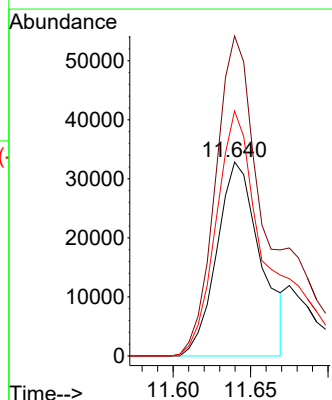
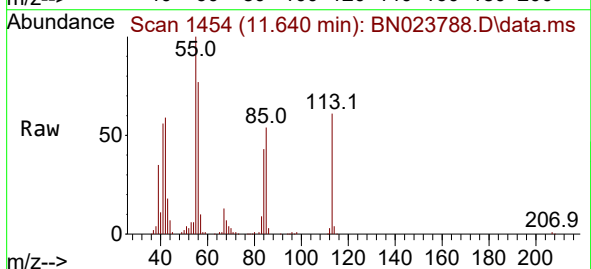
Tgt Ion:113 Resp: 64237

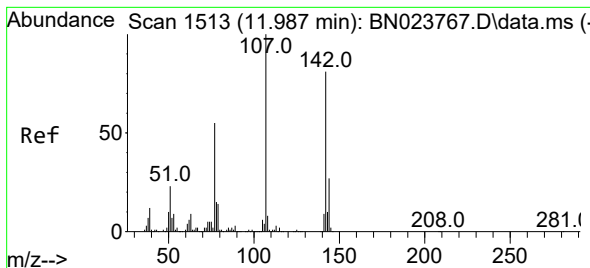
Ion Ratio Lower Upper

113 100

55 165.0 129.1 193.7

56 126.3 94.2 141.4

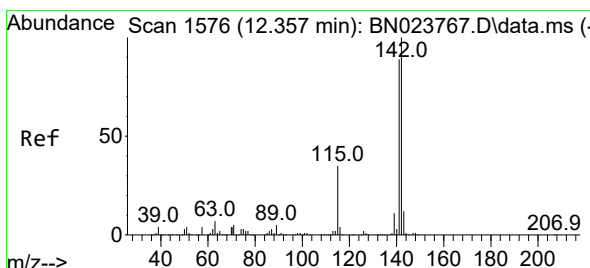
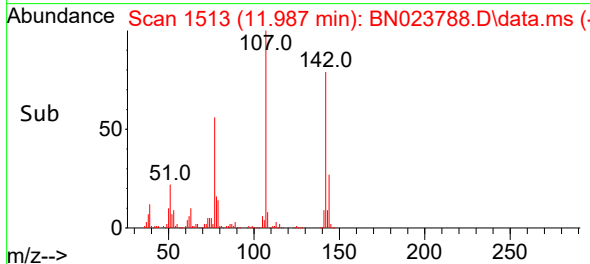
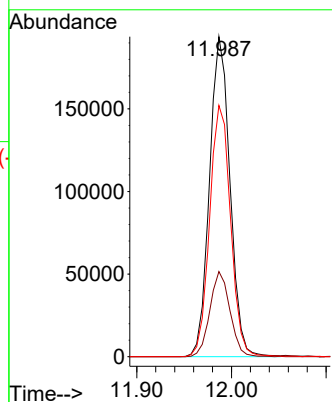
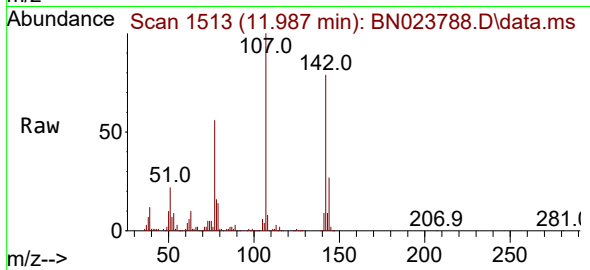




#35
 4-Chloro-3-methylphenol
 Concen: 18.720 ng/ul
 RT: 11.987 min Scan# 1513
 Delta R.T. -0.000 min
 Lab File: BN023788.D
 Acq: 24 Jan 2023 22:32

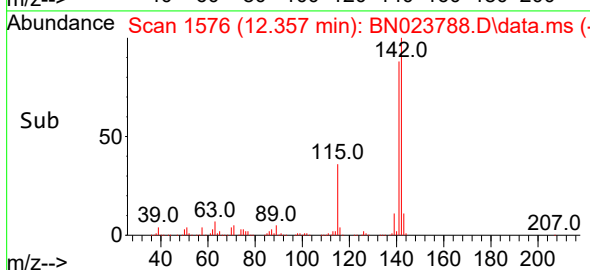
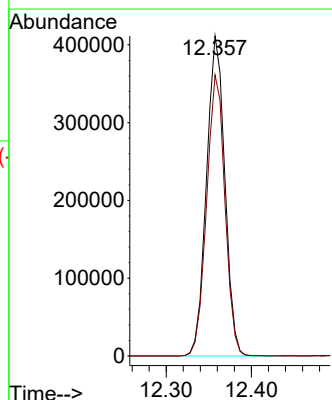
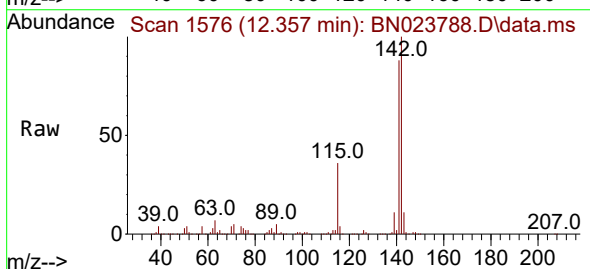
Instrument :
 BNA_N
 ClientSampleId :

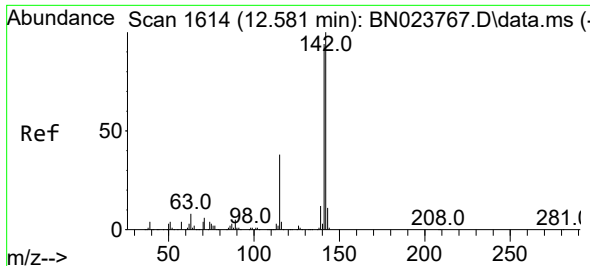
Tgt Ion:107 Resp: 291799
 Ion Ratio Lower Upper
 107 100
 144 26.6 21.9 32.9
 142 78.5 64.0 96.0



#36
 2-Methylnaphthalene
 Concen: 18.312 ng/ul
 RT: 12.357 min Scan# 1576
 Delta R.T. -0.000 min
 Lab File: BN023788.D
 Acq: 24 Jan 2023 22:32

Tgt Ion:142 Resp: 615757
 Ion Ratio Lower Upper
 142 100
 141 87.8 73.6 110.4





#37

1-Methylnaphthalene

Concen: 18.311 ng/ul

RT: 12.575 min Scan# 1613

Delta R.T. -0.006 min

Lab File: BN023788.D

Acq: 24 Jan 2023 22:32

Instrument :

BNA_N

ClientSampleId :

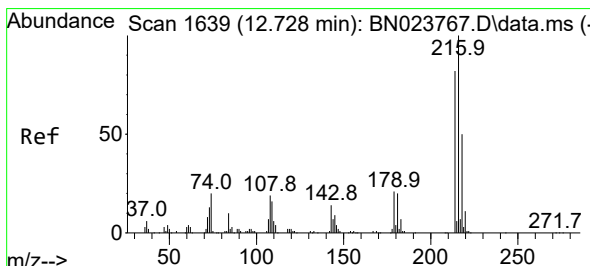
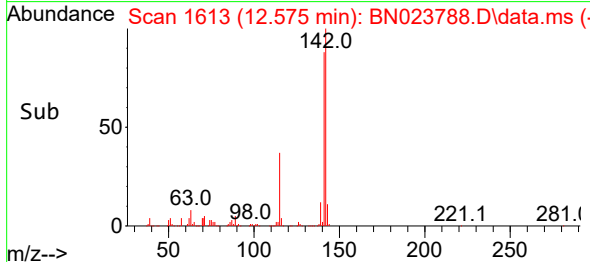
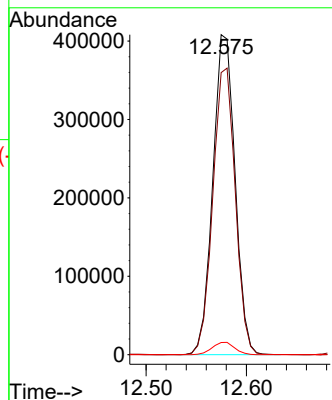
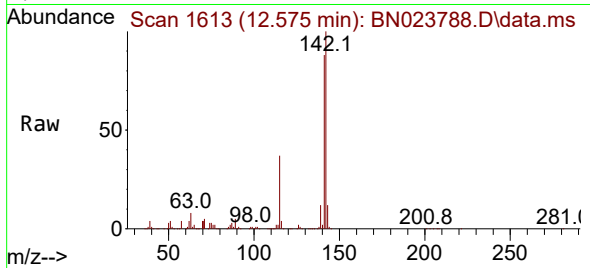
Tgt Ion:142 Resp: 629071

Ion Ratio Lower Upper

142 100

141 88.2 73.8 110.6

116 3.8 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 18.940 ng/ul

RT: 12.728 min Scan# 1639

Delta R.T. -0.000 min

Lab File: BN023788.D

Acq: 24 Jan 2023 22:32

Tgt Ion:216 Resp: 321321

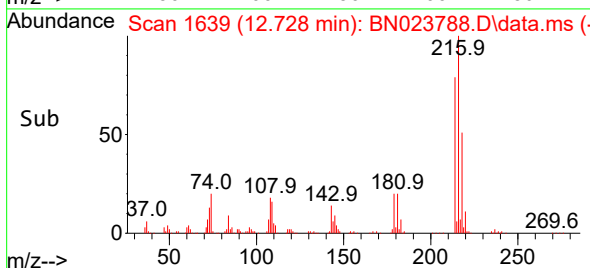
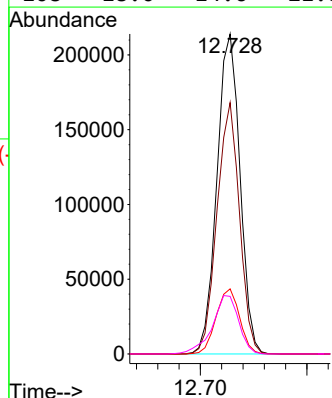
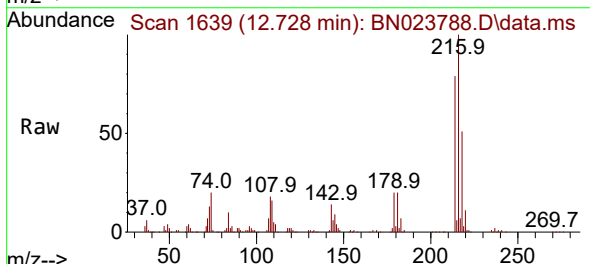
Ion Ratio Lower Upper

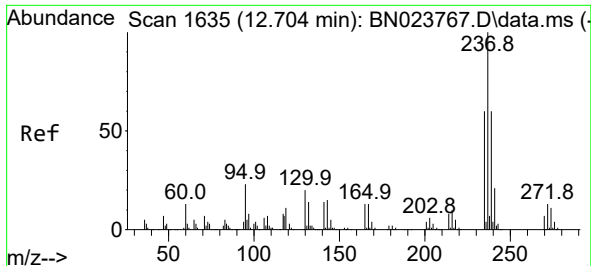
216 100

214 78.6 62.4 93.6

179 20.4 16.2 24.2

108 18.0 14.6 21.8

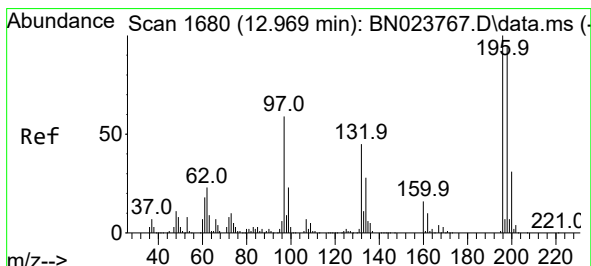
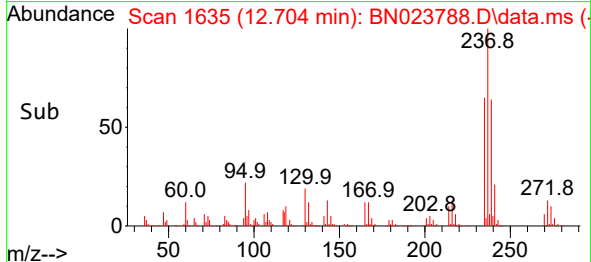
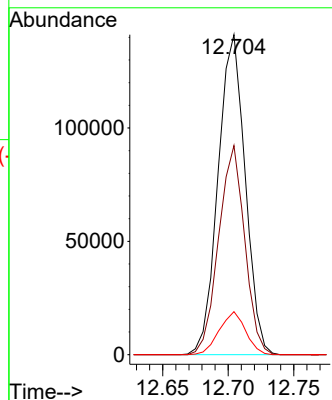
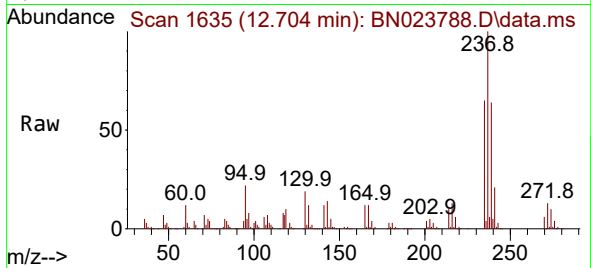




#40
Hexachlorocyclopentadiene
Concen: 18.981 ng/ul
RT: 12.704 min Scan# 1635
Delta R.T. -0.000 min
Lab File: BN023788.D
Acq: 24 Jan 2023 22:32

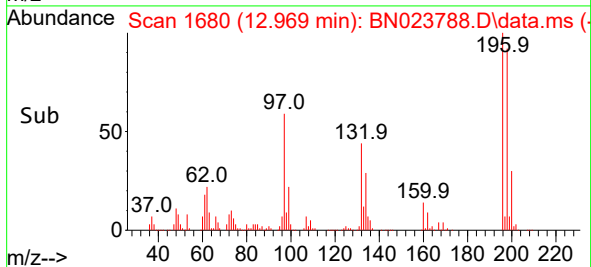
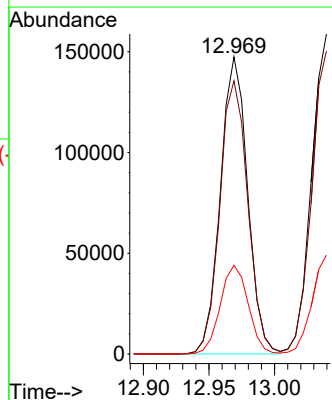
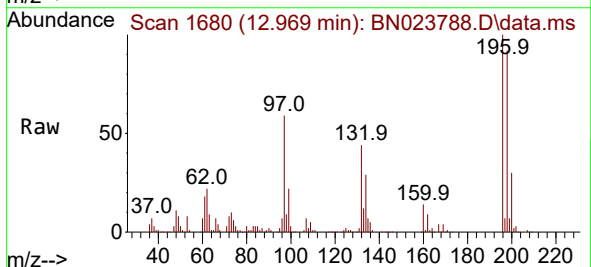
Instrument :
BNA_N
ClientSampleId :

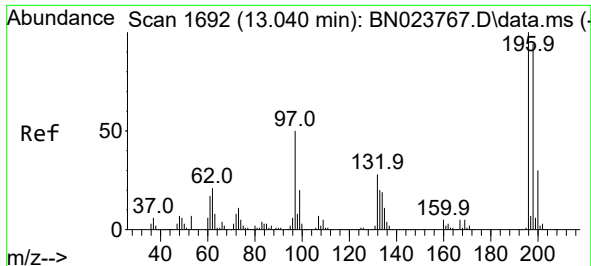
Tgt Ion:237 Resp: 202947
Ion Ratio Lower Upper
237 100
235 65.3 51.0 76.4
272 13.5 9.8 14.8



#41
2,4,6-Trichlorophenol
Concen: 19.059 ng/ul
RT: 12.969 min Scan# 1680
Delta R.T. -0.000 min
Lab File: BN023788.D
Acq: 24 Jan 2023 22:32

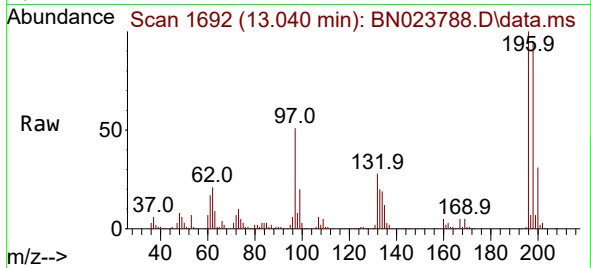
Tgt Ion:196 Resp: 213136
Ion Ratio Lower Upper
196 100
198 91.9 71.4 107.0
200 29.8 22.5 33.7



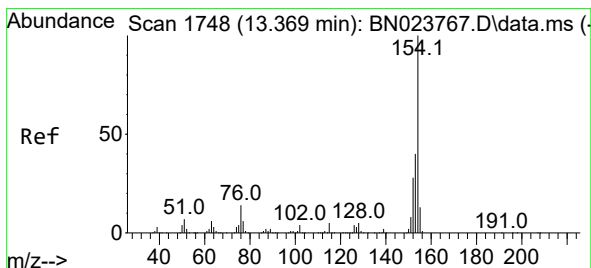
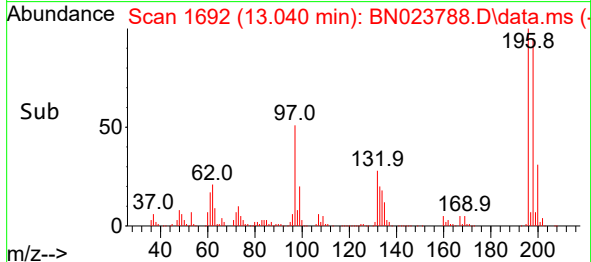
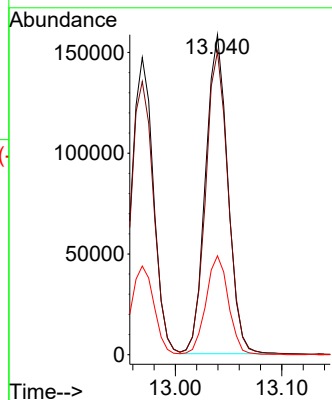


#42
2,4,5-Trichlorophenol
Concen: 18.833 ng/ul
RT: 13.040 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN023788.D
Acq: 24 Jan 2023 22:32

Instrument :
BNA_N
ClientSampleId :

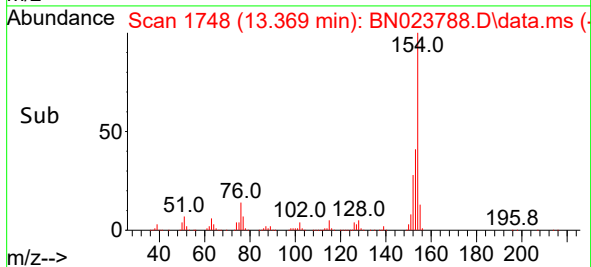
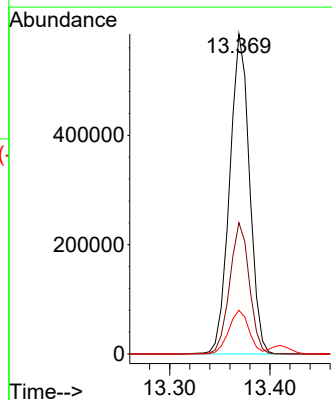
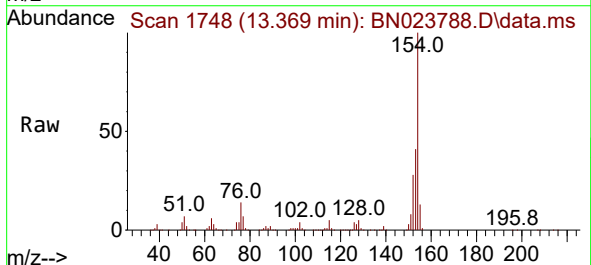


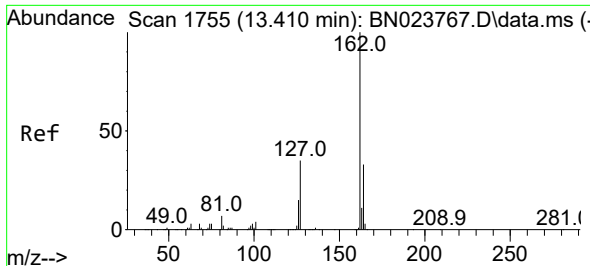
Tgt Ion:196 Resp: 230320
Ion Ratio Lower Upper
196 100
198 94.7 68.1 102.1
200 30.9 24.1 36.1



#43
1,1'-Biphenyl
Concen: 18.235 ng/ul
RT: 13.369 min Scan# 1748
Delta R.T. -0.000 min
Lab File: BN023788.D
Acq: 24 Jan 2023 22:32

Tgt Ion:154 Resp: 806985
Ion Ratio Lower Upper
154 100
153 41.0 32.5 48.7
76 13.7 11.0 16.6

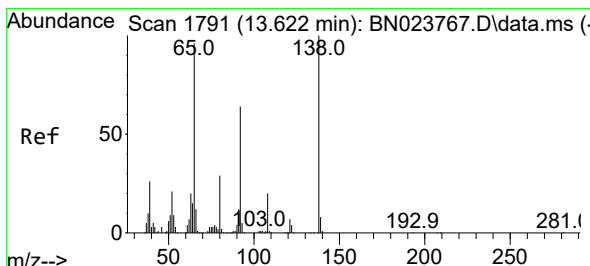
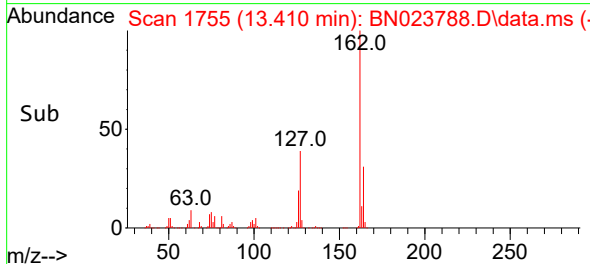
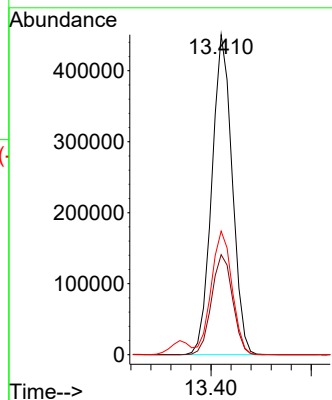
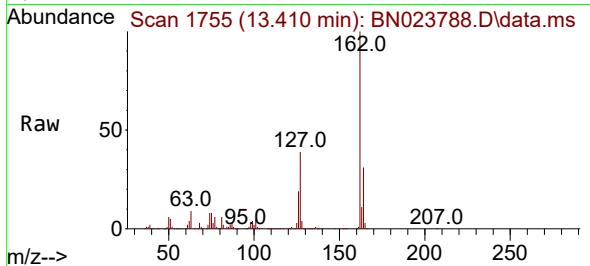




#44
2-Chloronaphthalene
Concen: 18.509 ng/ul
RT: 13.410 min Scan# 1755
Delta R.T. -0.000 min
Lab File: BN023788.D
Acq: 24 Jan 2023 22:32

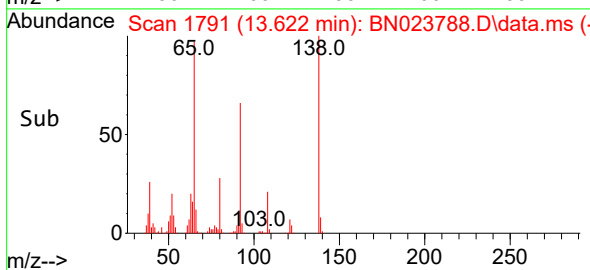
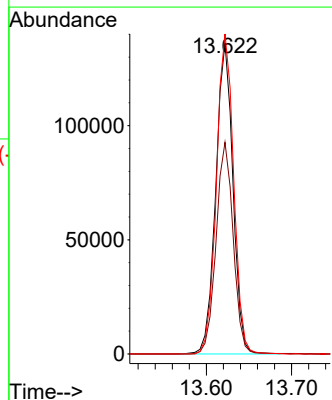
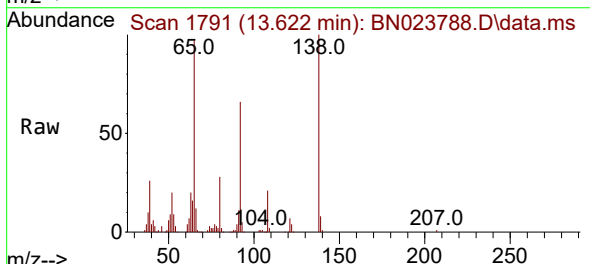
Instrument :
BNA_N
ClientSampleId :

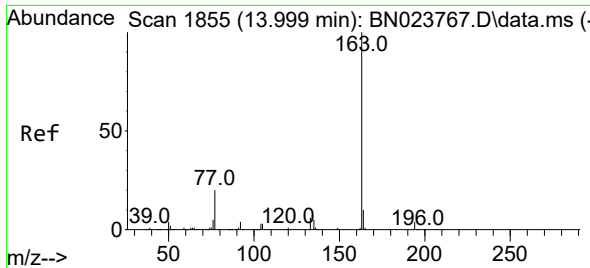
Tgt Ion:162 Resp: 635507
Ion Ratio Lower Upper
162 100
164 31.3 26.2 39.2
127 38.6 31.8 47.8



#45
2-Nitroaniline
Concen: 20.117 ng/ul
RT: 13.622 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BN023788.D
Acq: 24 Jan 2023 22:32

Tgt Ion: 65 Resp: 190475
Ion Ratio Lower Upper
65 100
92 68.0 53.5 80.3
138 102.8 84.0 126.0

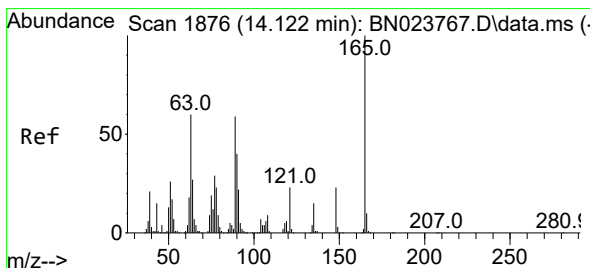
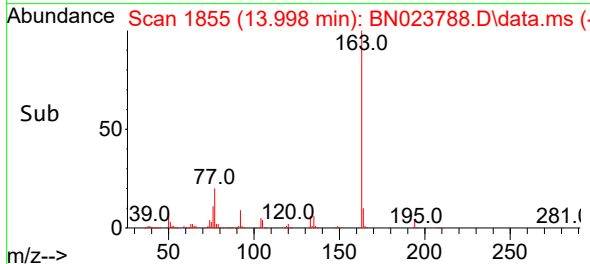
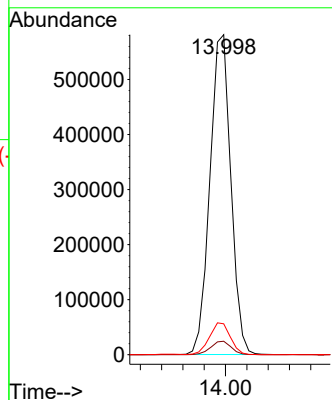
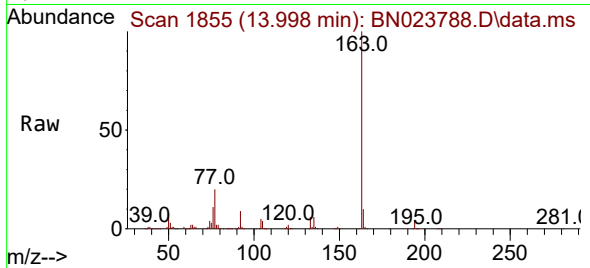




#47
Dimethylphthalate
Concen: 18.475 ng/ul
RT: 13.998 min Scan# 1855
Delta R.T. -0.000 min
Lab File: BN023788.D
Acq: 24 Jan 2023 22:32

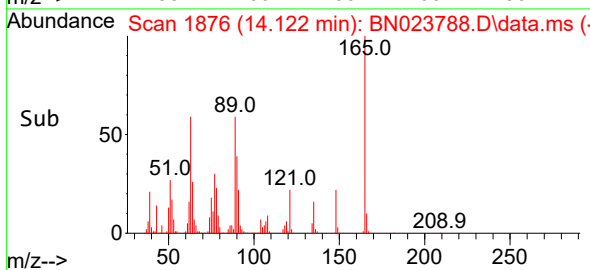
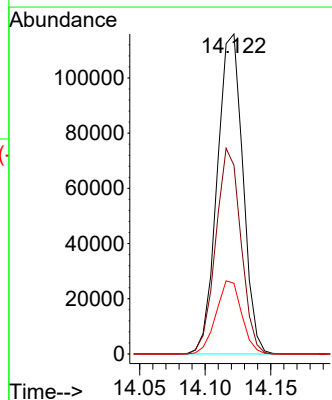
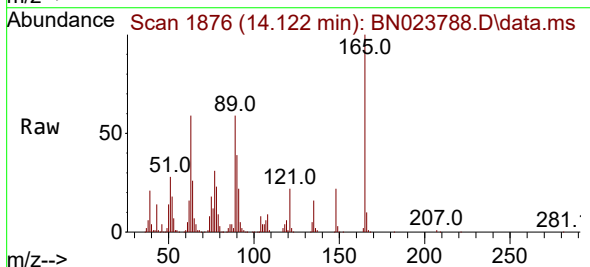
Instrument :
BNA_N
ClientSampleId :

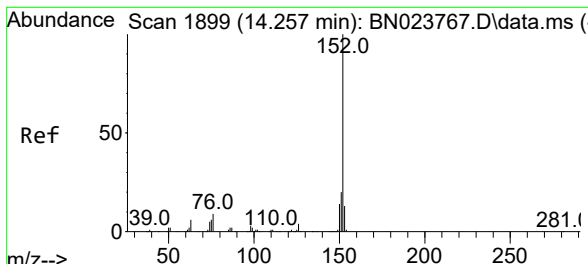
Tgt Ion:163 Resp: 792166
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 9.7 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 19.484 ng/ul
RT: 14.122 min Scan# 1876
Delta R.T. -0.000 min
Lab File: BN023788.D
Acq: 24 Jan 2023 22:32

Tgt Ion:165 Resp: 157932
Ion Ratio Lower Upper
165 100
89 59.0 49.9 74.9
121 22.1 19.1 28.7

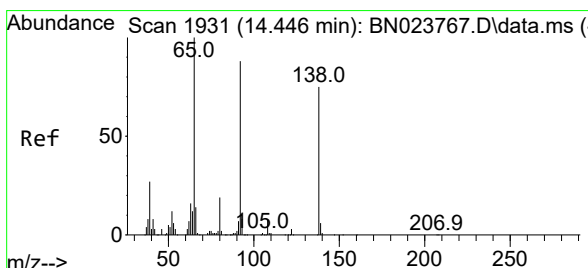
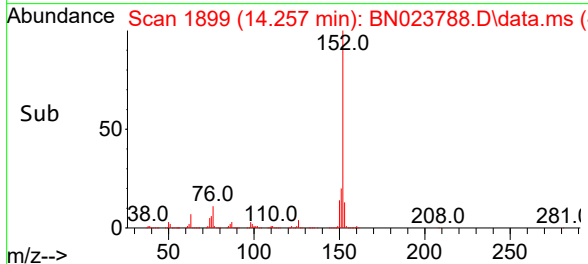
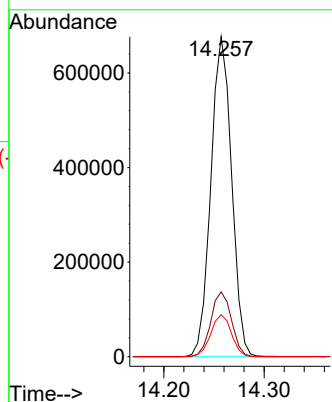
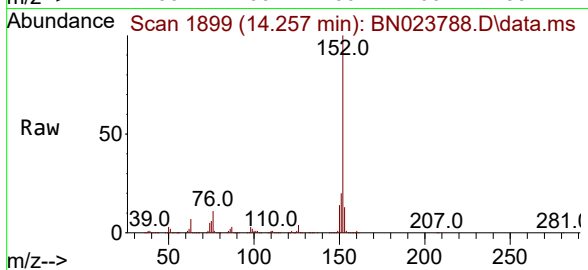




#50
Acenaphthylene
Concen: 18.513 ng/ul
RT: 14.257 min Scan# 1899
Delta R.T. -0.000 min
Lab File: BN023788.D
Acq: 24 Jan 2023 22:32

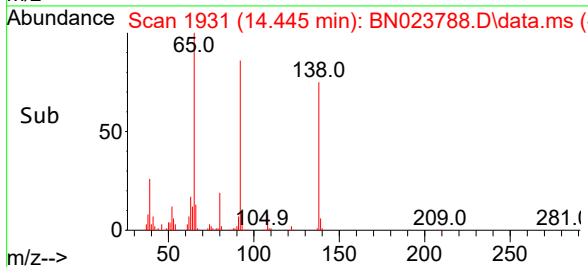
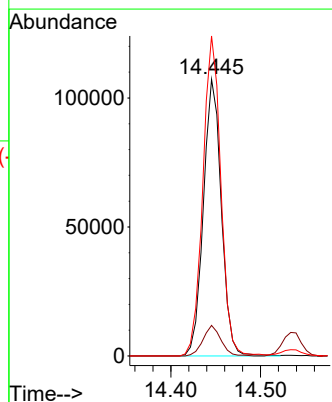
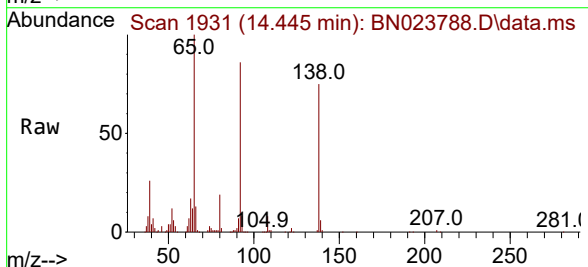
Instrument :
BNA_N
ClientSampleId :

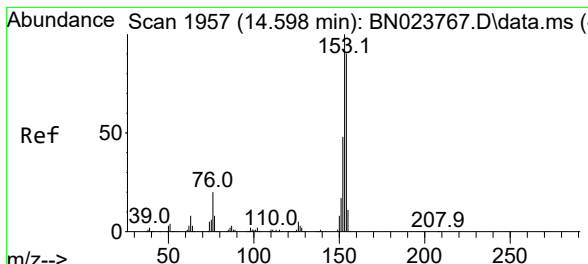
Tgt Ion:	152	Resp:	973236
Ion Ratio	Lower	Upper	
152	100		
151	20.3	15.8	23.8
153	13.1	10.2	15.4



#51
3-Nitroaniline
Concen: 18.350 ng/ul
RT: 14.445 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BN023788.D
Acq: 24 Jan 2023 22:32

Tgt Ion:	138	Resp:	149055
Ion Ratio	Lower	Upper	
138	100		
108	11.1	8.1	12.1
92	115.7	93.2	139.8



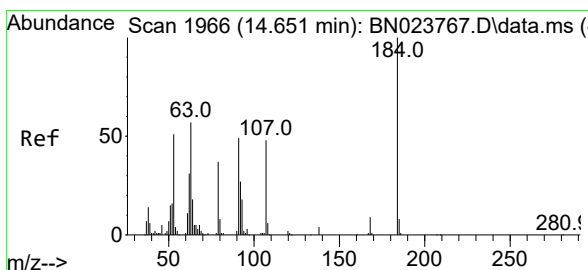
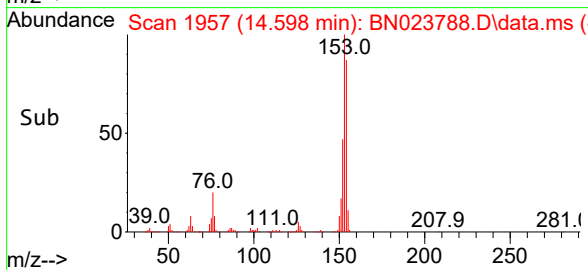
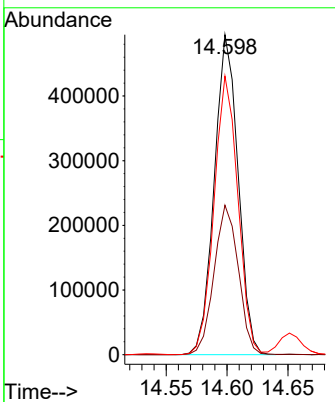
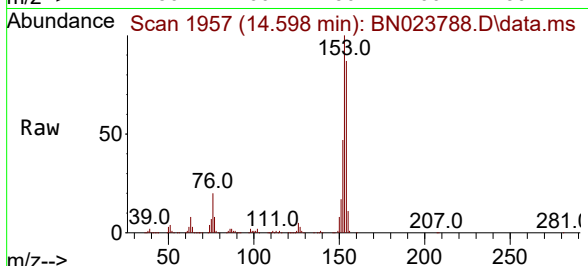


#52
 Acenaphthene
 Concen: 18.193 ng/ul
 RT: 14.598 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: BN023788.D
 Acq: 24 Jan 2023 22:32

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:153 Resp: 674269

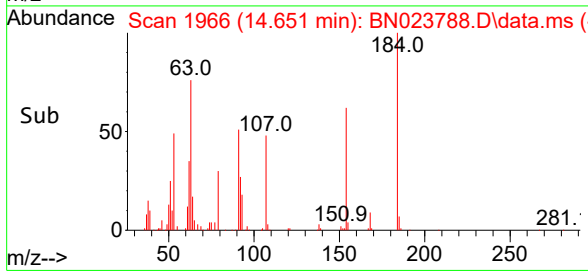
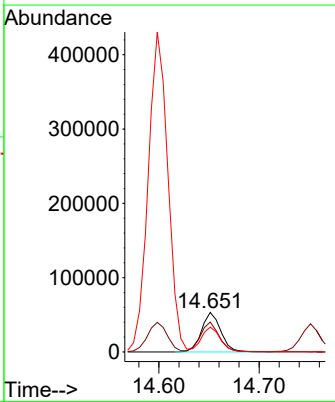
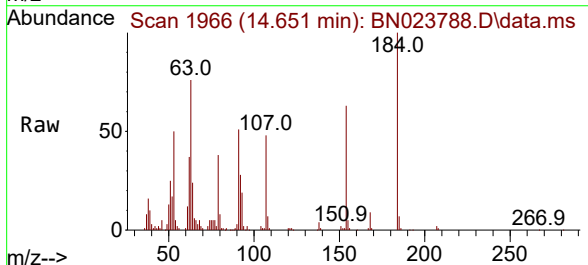
Ion	Ratio	Lower	Upper
153	100		
152	46.7	38.5	57.7
154	87.0	71.5	107.3

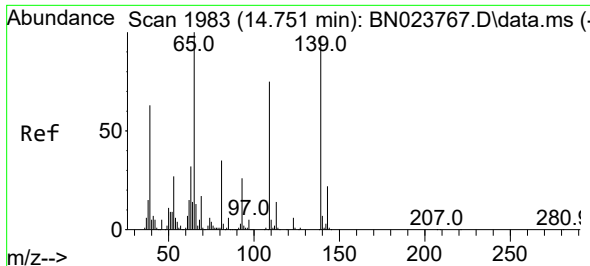


#53
 2,4-Dinitrophenol
 Concen: 13.433 ng/ul
 RT: 14.651 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: BN023788.D
 Acq: 24 Jan 2023 22:32

Tgt Ion:184 Resp: 71164

Ion	Ratio	Lower	Upper
184	100		
63	75.9	58.2	87.4
154	62.9	49.4	74.0

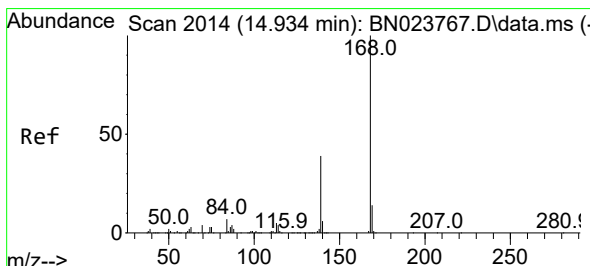
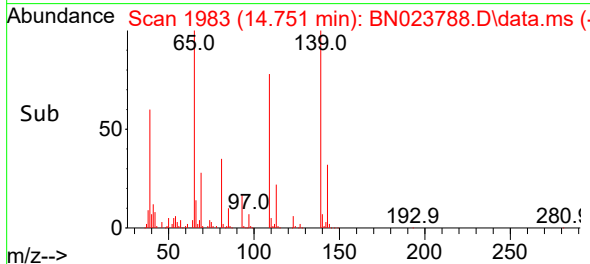
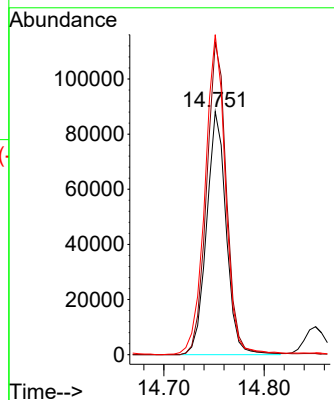
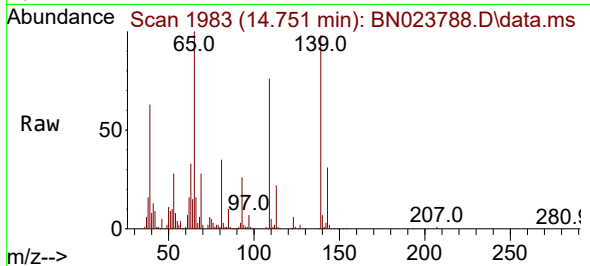




#55
4-Nitrophenol
Concen: 17.093 ng/ul
RT: 14.751 min Scan# 1983
Delta R.T. -0.000 min
Lab File: BN023788.D
Acq: 24 Jan 2023 22:32

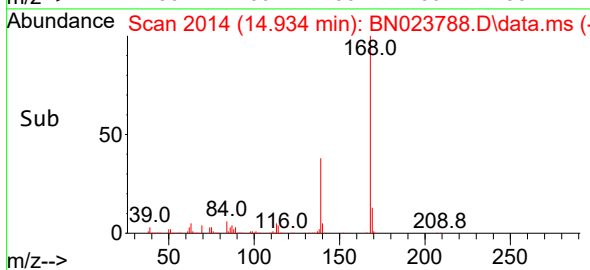
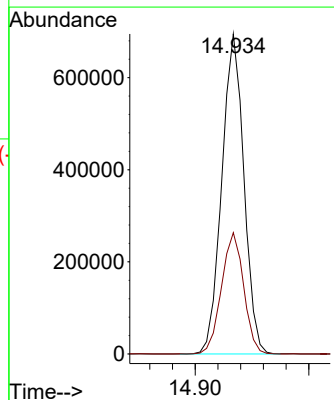
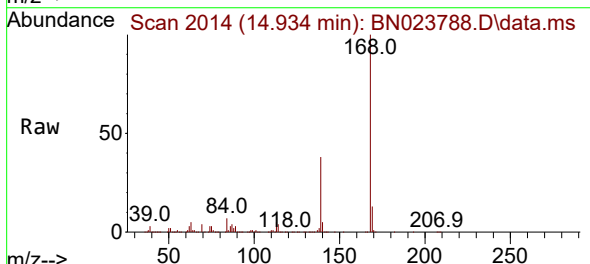
Instrument :
BNA_N
ClientSampleId :

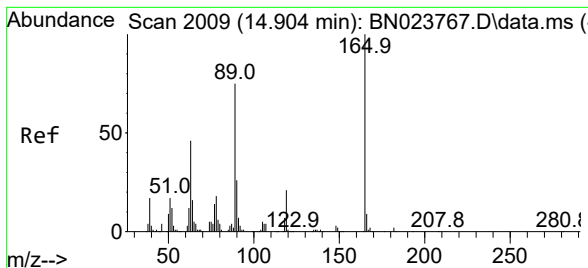
Tgt Ion:109 Resp: 119910
Ion Ratio Lower Upper
109 100
139 128.4 104.8 157.2
65 131.6 107.3 160.9



#56
Dibenzofuran
Concen: 18.183 ng/ul
RT: 14.934 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BN023788.D
Acq: 24 Jan 2023 22:32

Tgt Ion:168 Resp: 938031
Ion Ratio Lower Upper
168 100
139 37.9 29.6 44.4

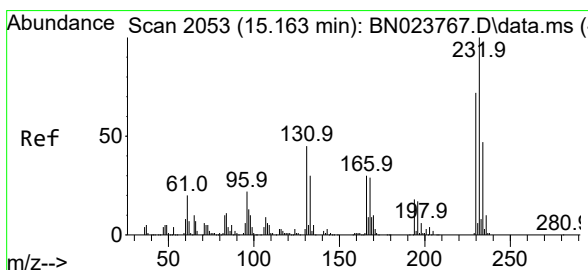
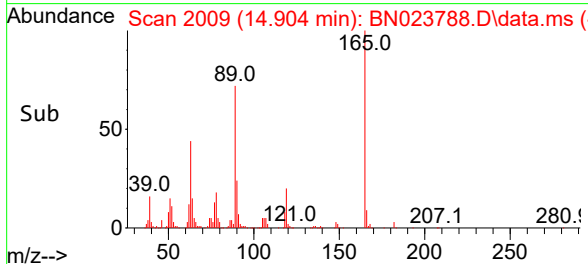
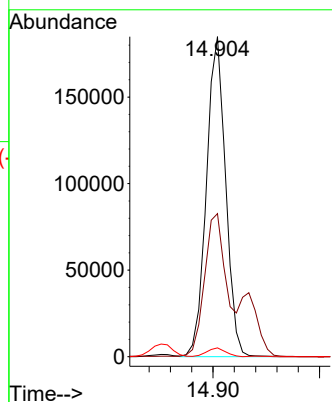
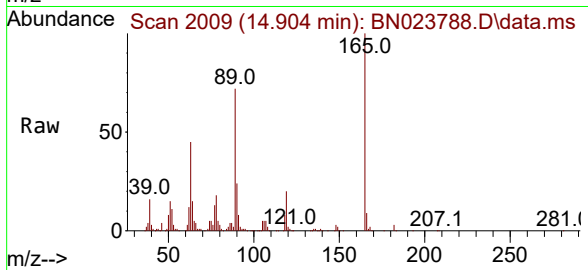




#57
2,4-Dinitrotoluene
Concen: 19.582 ng/ul
RT: 14.904 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BN023788.D
Acq: 24 Jan 2023 22:32

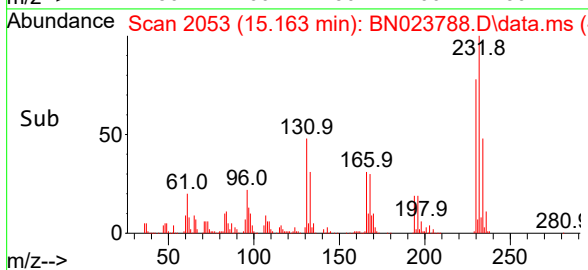
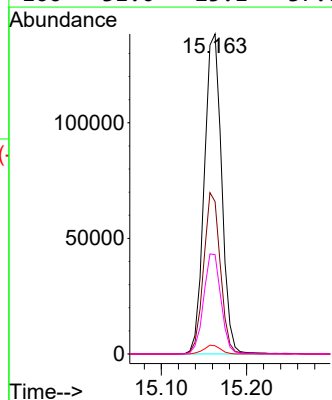
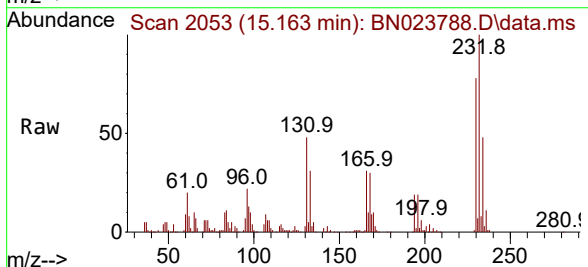
Instrument :
BNA_N
ClientSampleId :

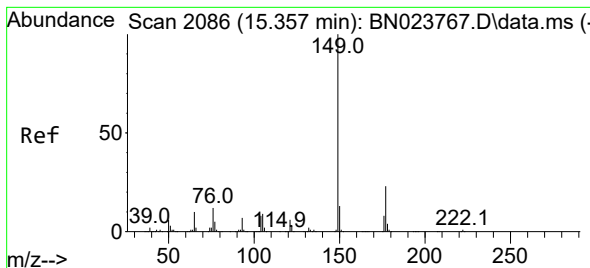
Tgt Ion:165 Resp: 231719
Ion Ratio Lower Upper
165 100
63 44.7 37.2 55.8
182 2.8 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 18.695 ng/ul
RT: 15.163 min Scan# 2053
Delta R.T. -0.000 min
Lab File: BN023788.D
Acq: 24 Jan 2023 22:32

Tgt Ion:232 Resp: 195909
Ion Ratio Lower Upper
232 100
131 47.6 39.5 59.3
130 2.6 2.2 3.4
166 31.0 25.1 37.7





#59

Diethylphthalate

Concen: 18.810 ng/ul

RT: 15.357 min Scan# 2086

Delta R.T. -0.000 min

Lab File: BN023788.D

Acq: 24 Jan 2023 22:32

Instrument :

BNA_N

ClientSampleId :

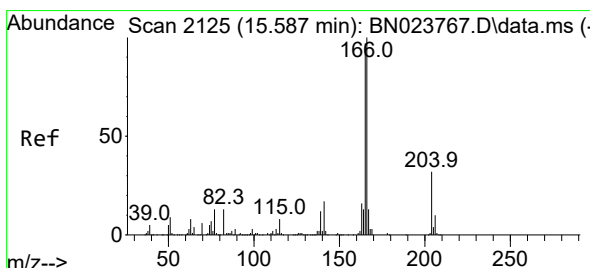
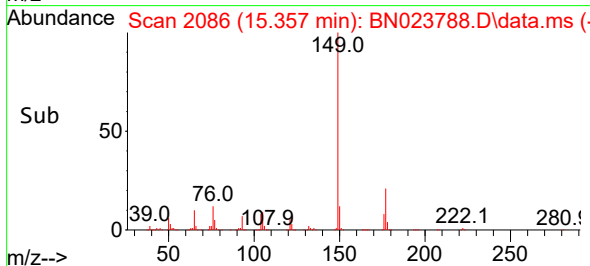
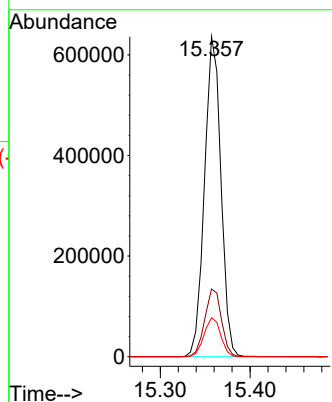
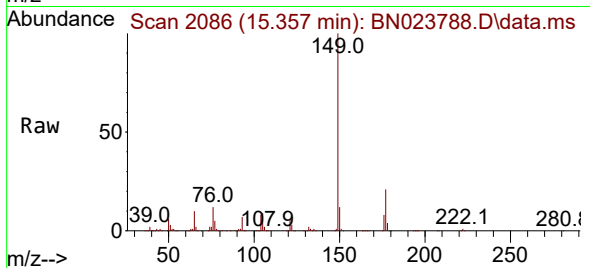
Tgt Ion:149 Resp: 807899

Ion Ratio Lower Upper

149 100

177 21.1 17.9 26.9

150 12.2 9.9 14.9



#61

Fluorene

Concen: 18.210 ng/ul

RT: 15.586 min Scan# 2125

Delta R.T. -0.000 min

Lab File: BN023788.D

Acq: 24 Jan 2023 22:32

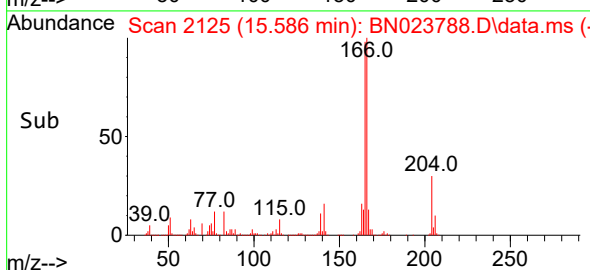
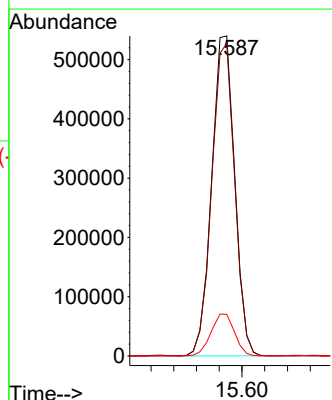
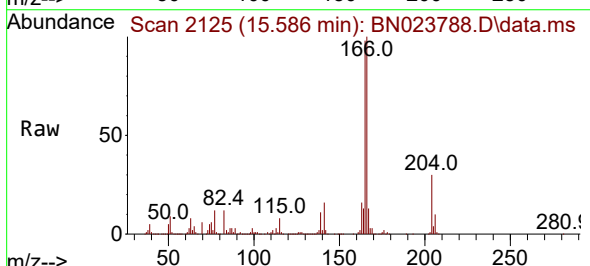
Tgt Ion:166 Resp: 760753

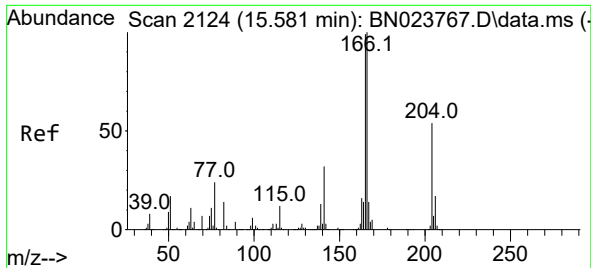
Ion Ratio Lower Upper

166 100

165 97.7 77.8 116.6

167 13.0 10.4 15.6

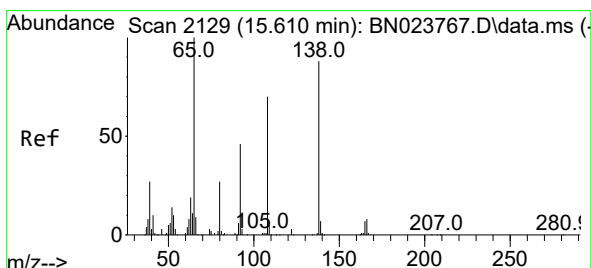
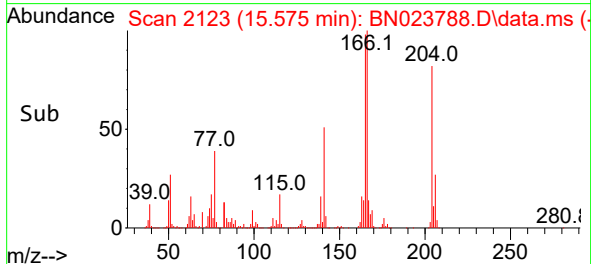
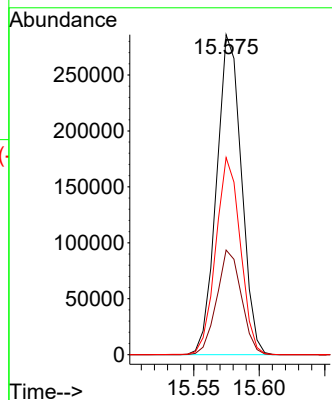
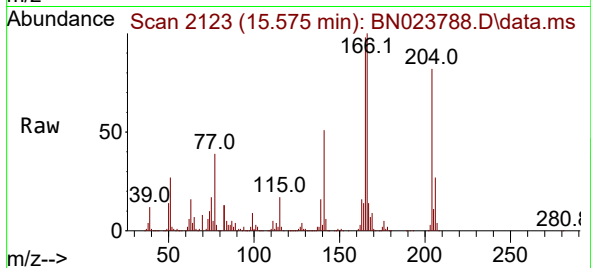




#62
4-Chlorophenyl-phenylether
Concen: 18.529 ng/ul
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BN023788.D
Acq: 24 Jan 2023 22:32

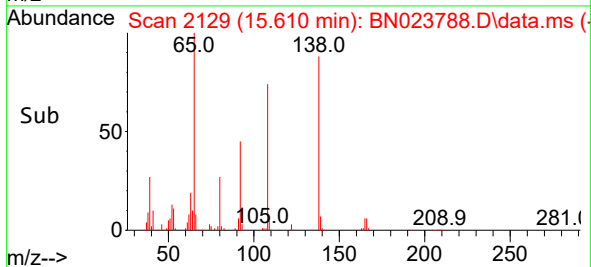
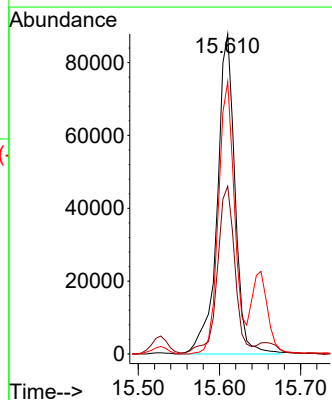
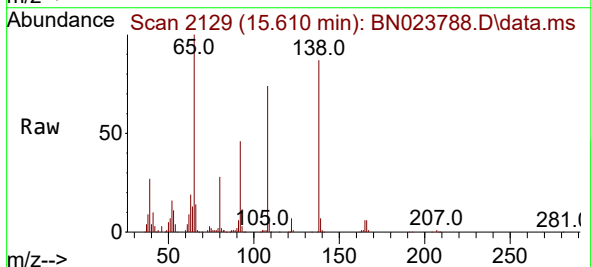
Instrument :
BNA_N
ClientSampleId :

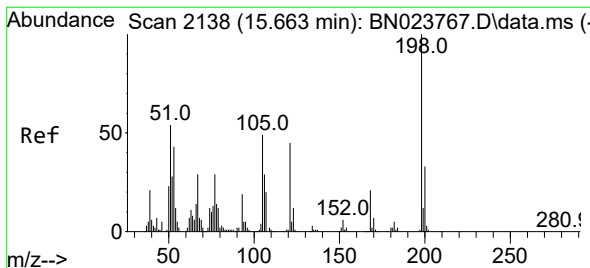
Tgt Ion:204 Resp: 376825
Ion Ratio Lower Upper
204 100
206 32.7 27.0 40.6
141 61.6 51.0 76.4



#63
4-Nitroaniline
Concen: 17.901 ng/ul
RT: 15.610 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BN023788.D
Acq: 24 Jan 2023 22:32

Tgt Ion:138 Resp: 133877
Ion Ratio Lower Upper
138 100
92 52.4 41.3 61.9
108 85.1 64.2 96.2

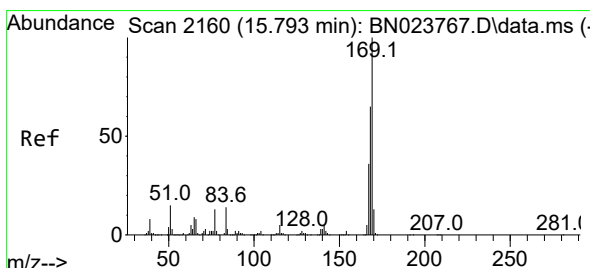
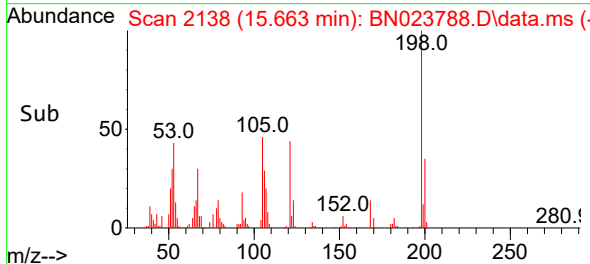
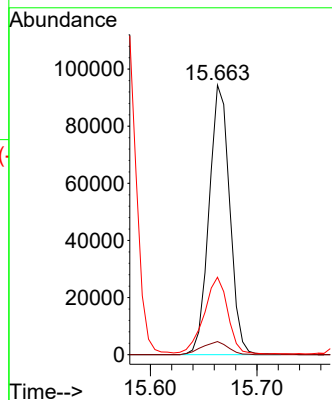
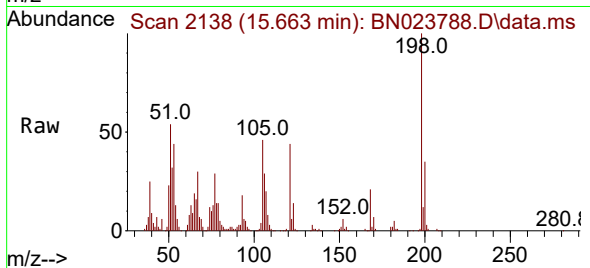




#66
 4,6-Dinitro-2-methylphenol
 Concen: 18.349 ng/ul
 RT: 15.663 min Scan# 2138
 Delta R.T. -0.000 min
 Lab File: BN023788.D
 Acq: 24 Jan 2023 22:32

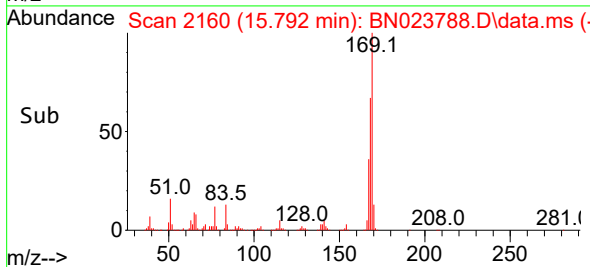
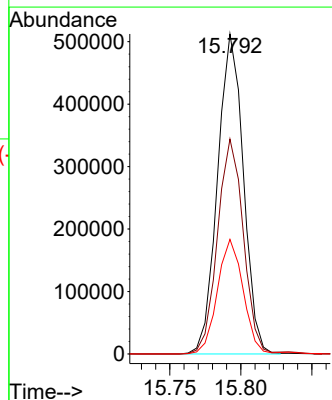
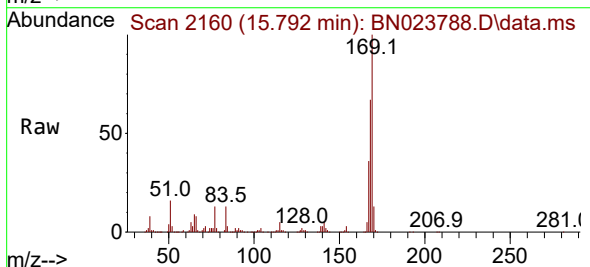
Instrument :
 BNA_N
 ClientSampleId :

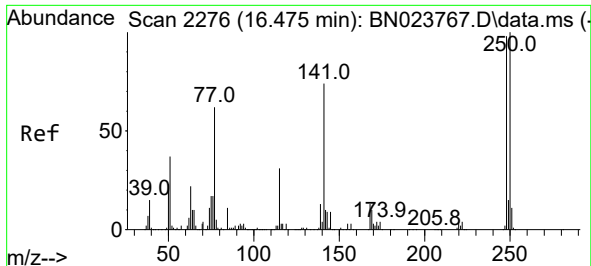
Tgt Ion:198 Resp: 127041
 Ion Ratio Lower Upper
 198 100
 182 4.9 3.6 5.4
 77 28.7 21.2 31.8



#67
 N-Nitrosodiphenylamine
 Concen: 19.838 ng/ul
 RT: 15.792 min Scan# 2160
 Delta R.T. -0.000 min
 Lab File: BN023788.D
 Acq: 24 Jan 2023 22:32

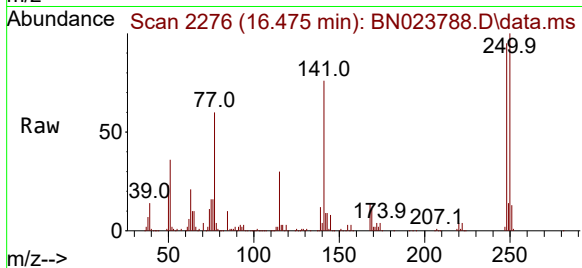
Tgt Ion:169 Resp: 647477
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.4 80.2
 167 35.8 29.0 43.4



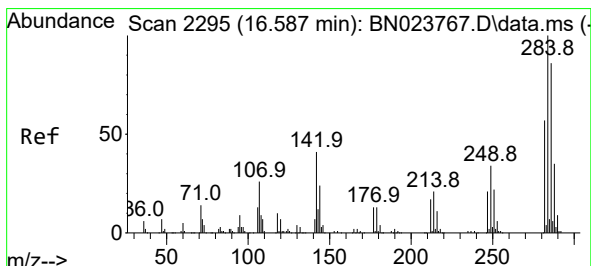
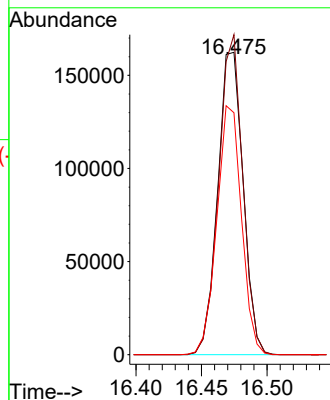
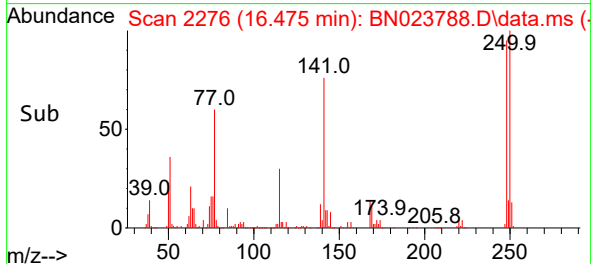


#68
4-Bromophenyl-phenylether
Concen: 18.842 ng/ul
RT: 16.475 min Scan# 219651
Delta R.T. -0.000 min
Lab File: BN023788.D
Acq: 24 Jan 2023 22:32

Instrument :
BNA_N
ClientSampleId :

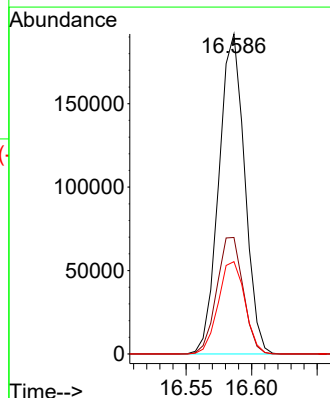
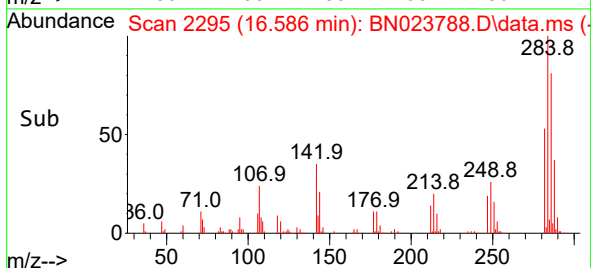
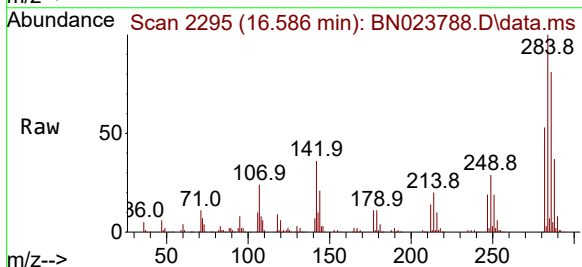


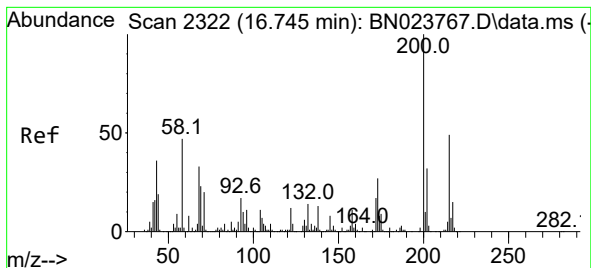
Tgt Ion:248 Resp: 219651
Ion Ratio Lower Upper
248 100
250 105.8 76.4 114.6
141 80.0 58.0 87.0



#69
Hexachlorobenzene
Concen: 19.185 ng/ul
RT: 16.586 min Scan# 2295
Delta R.T. -0.000 min
Lab File: BN023788.D
Acq: 24 Jan 2023 22:32

Tgt Ion:284 Resp: 262079
Ion Ratio Lower Upper
284 100
142 36.4 28.9 43.3
249 28.8 24.2 36.2





#70

Atrazine

Concen: 18.552 ng/ul

RT: 16.745 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN023788.D

Acq: 24 Jan 2023 22:32

Instrument :

BNA_N

ClientSampleId :

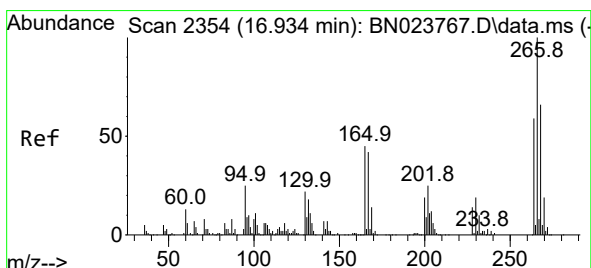
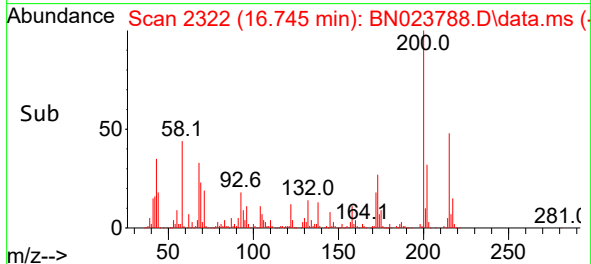
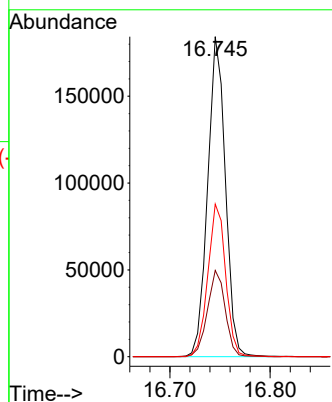
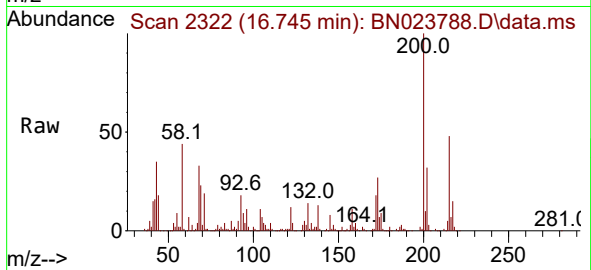
Tgt Ion:200 Resp: 226611

Ion Ratio Lower Upper

200 100

173 27.0 21.4 32.2

215 47.7 39.0 58.6



#71

Pentachlorophenol

Concen: 16.850 ng/ul

RT: 16.933 min Scan# 2354

Delta R.T. -0.000 min

Lab File: BN023788.D

Acq: 24 Jan 2023 22:32

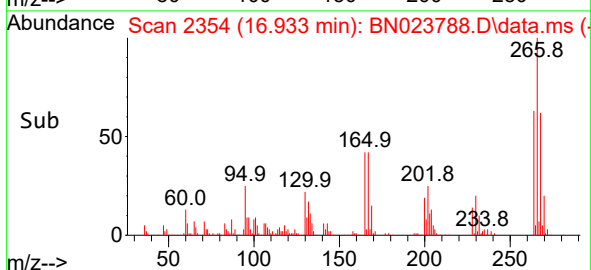
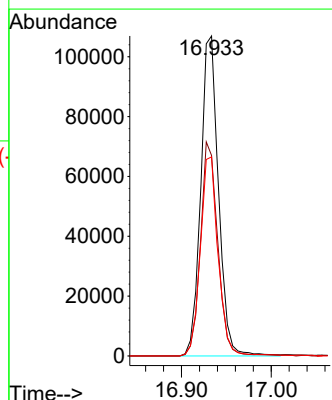
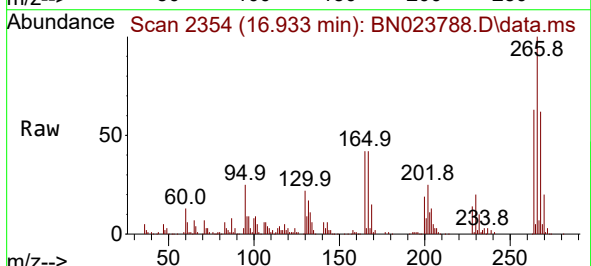
Tgt Ion:266 Resp: 146904

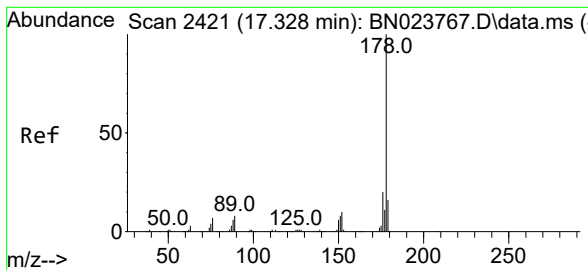
Ion Ratio Lower Upper

266 100

264 62.6 51.4 77.0

268 62.2 54.5 81.7





#72

Phenanthrene

Concen: 18.052 ng/ul

RT: 17.322 min Scan# 2421

Delta R.T. -0.006 min

Lab File: BN023788.D

Acq: 24 Jan 2023 22:32

Instrument :

BNA_N

ClientSampleId :

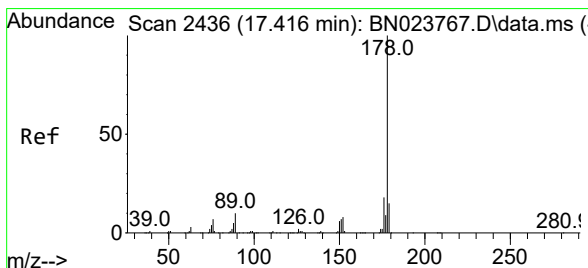
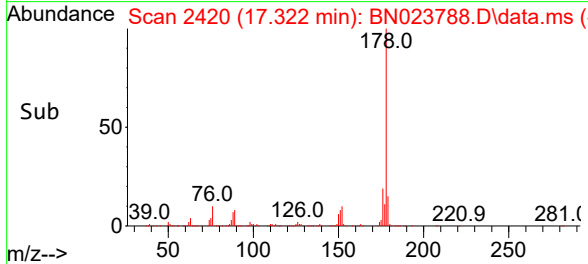
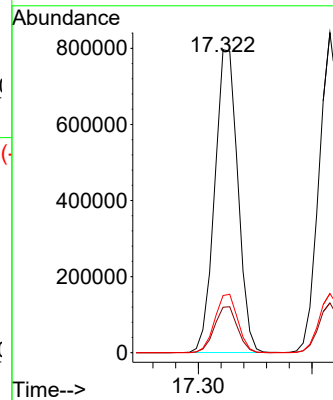
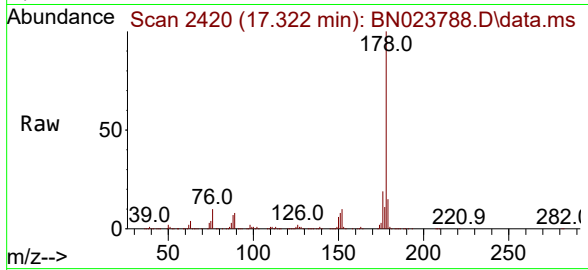
Tgt Ion:178 Resp: 1124938

Ion Ratio Lower Upper

178 100

179 15.0 12.3 18.5

176 18.9 15.2 22.8



#74

Anthracene

Concen: 18.215 ng/ul

RT: 17.416 min Scan# 2436

Delta R.T. -0.000 min

Lab File: BN023788.D

Acq: 24 Jan 2023 22:32

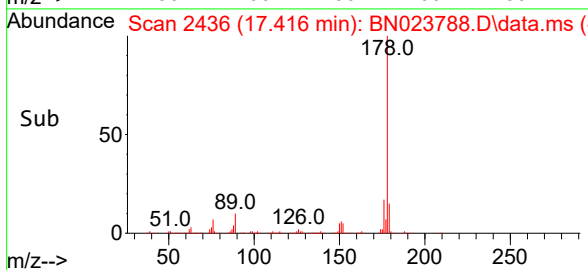
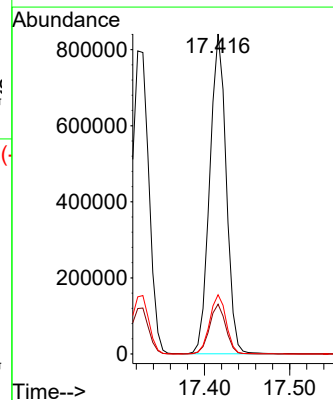
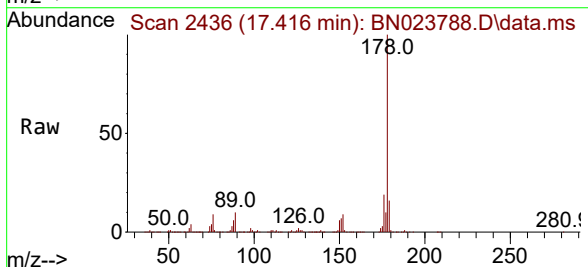
Tgt Ion:178 Resp: 1129677

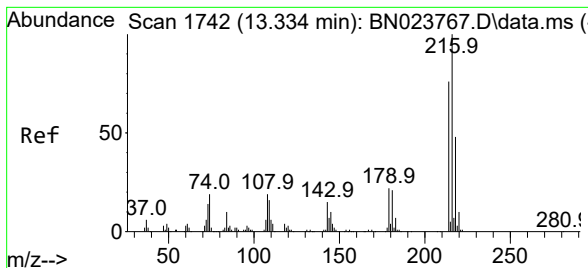
Ion Ratio Lower Upper

178 100

179 15.6 12.6 19.0

176 18.5 15.1 22.7





#75

1,2,3,4-Tetrachlorobenzene

Concen: 20.142 ng/uL

RT: 13.334 min Scan# 1742

Delta R.T. -0.000 min

Lab File: BN023788.D

Acq: 24 Jan 2023 22:32

Instrument :

BNA_N

ClientSampleId :

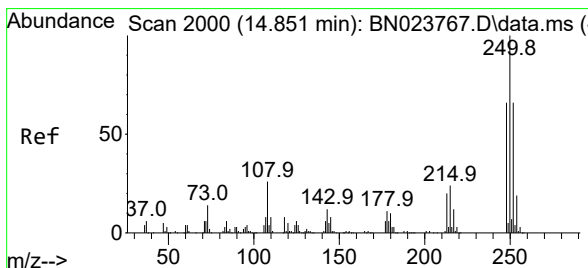
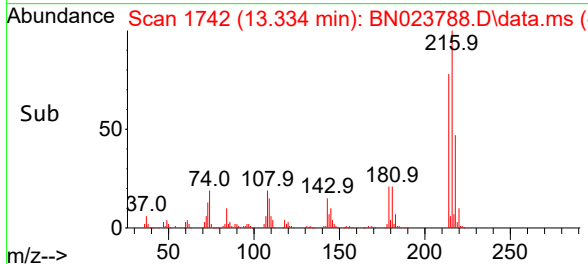
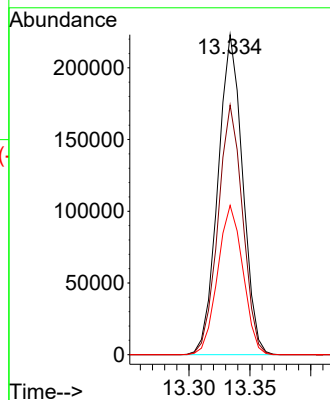
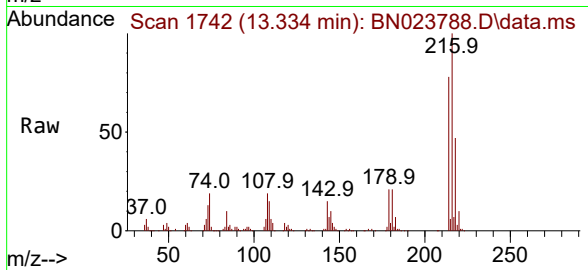
Tgt Ion:216 Resp: 315380

Ion Ratio Lower Upper

216 100

214 78.0 61.0 91.4

218 46.7 39.8 59.8



#76

Pentachlorobenzene

Concen: 19.230 ng/uL

RT: 14.851 min Scan# 2000

Delta R.T. -0.000 min

Lab File: BN023788.D

Acq: 24 Jan 2023 22:32

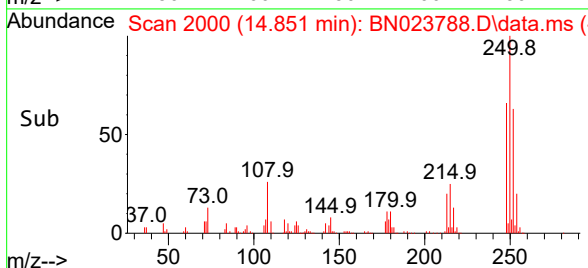
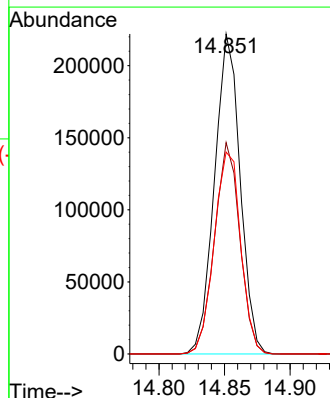
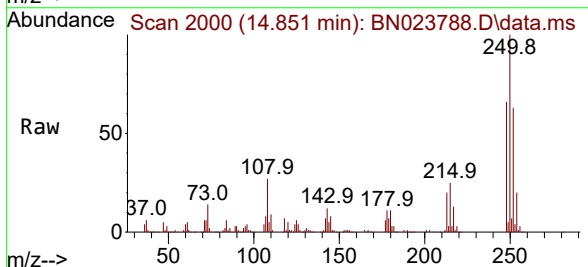
Tgt Ion:250 Resp: 301602

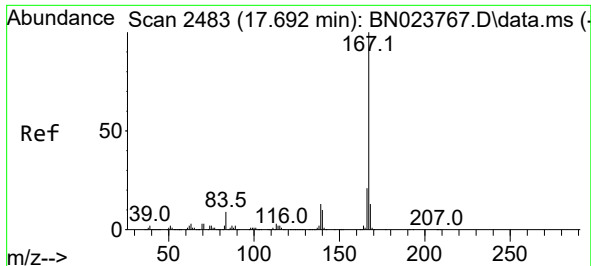
Ion Ratio Lower Upper

250 100

248 66.0 50.3 75.5

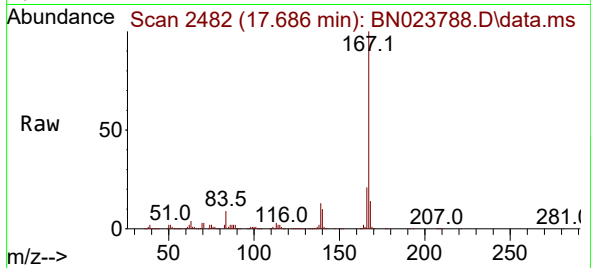
252 63.1 48.9 73.3





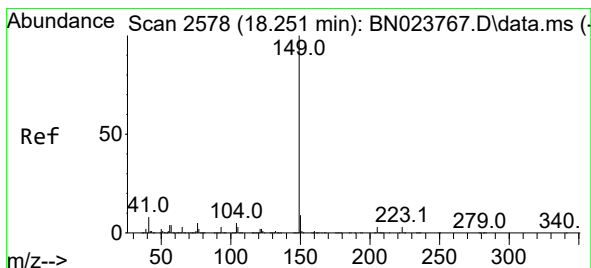
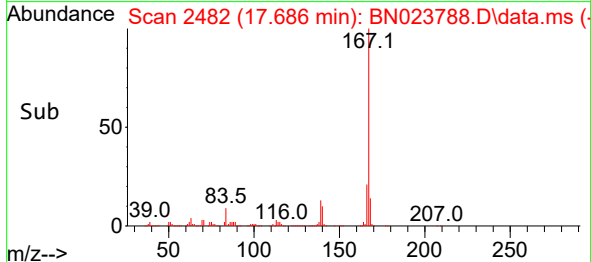
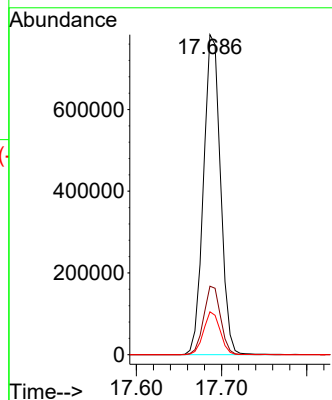
#77
 Carbazole
 Concen: 19.183 ng/ul
 RT: 17.686 min Scan# 2482
 Delta R.T. -0.006 min
 Lab File: BN023788.D
 Acq: 24 Jan 2023 22:32

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:167 Resp: 1080239

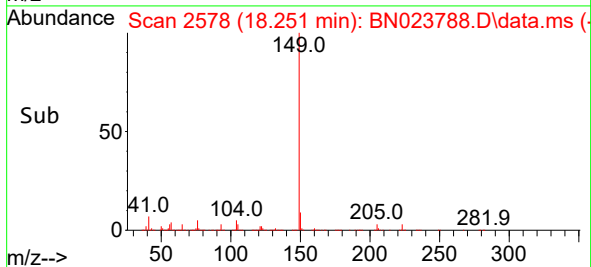
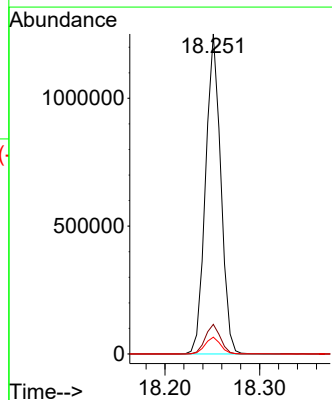
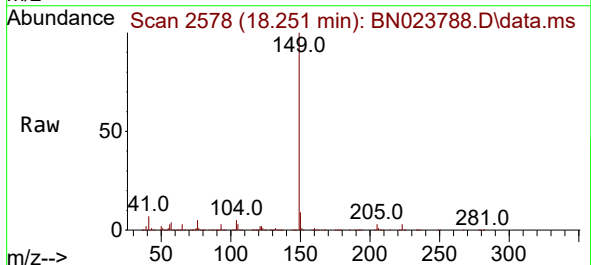
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.4	26.2
139	13.4	11.0	16.6

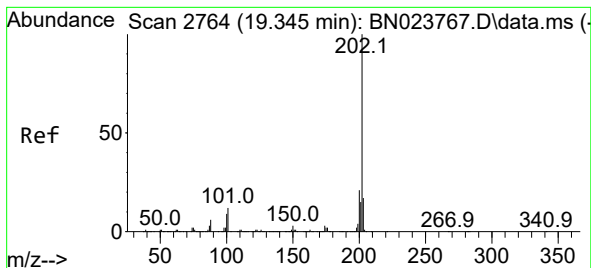


#78
 Di-n-butylphthalate
 Concen: 20.804 ng/ul
 RT: 18.251 min Scan# 2578
 Delta R.T. -0.000 min
 Lab File: BN023788.D
 Acq: 24 Jan 2023 22:32

Tgt Ion:149 Resp: 1390957

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	5.2	4.3	6.5





#80

Fluoranthene

Concen: 20.455 ng/ul

RT: 19.339 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN023788.D

Acq: 24 Jan 2023 22:32

Instrument :

BNA_N

ClientSampleId :

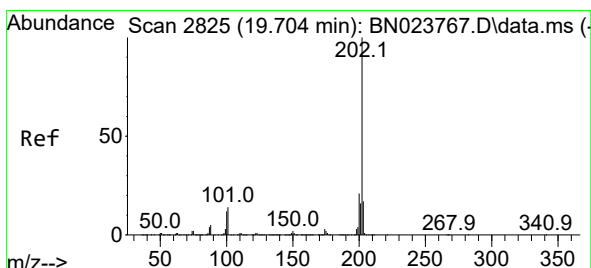
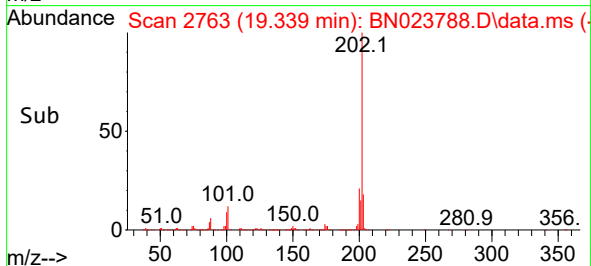
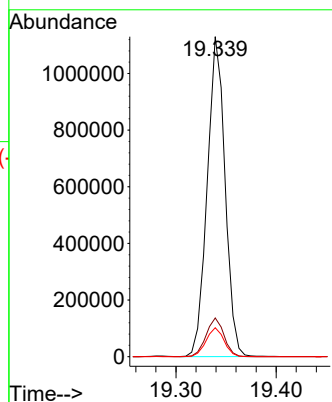
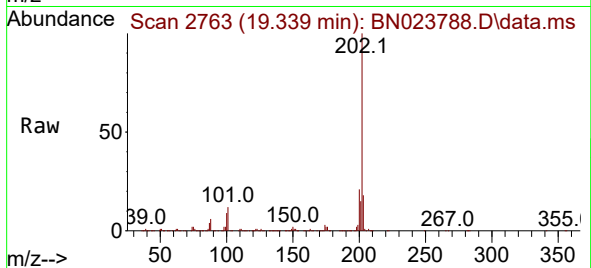
Tgt Ion:202 Resp: 1401224

Ion Ratio Lower Upper

202 100

101 12.1 9.5 14.3

100 9.0 7.3 10.9



#82

Pyrene

Concen: 19.985 ng/ul

RT: 19.704 min Scan# 2825

Delta R.T. -0.000 min

Lab File: BN023788.D

Acq: 24 Jan 2023 22:32

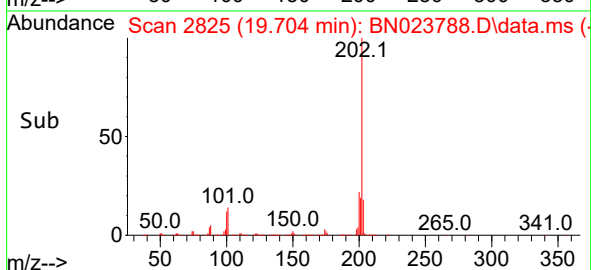
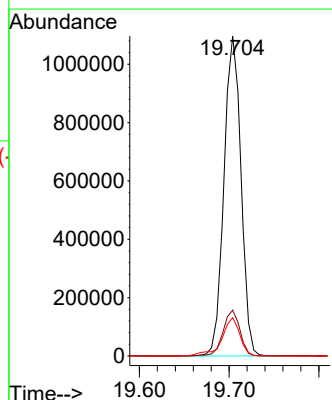
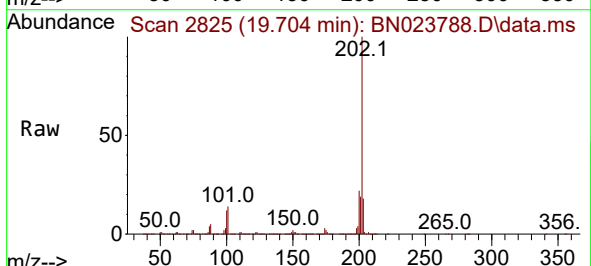
Tgt Ion:202 Resp: 1446009

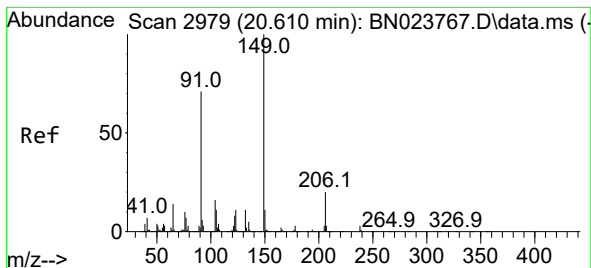
Ion Ratio Lower Upper

202 100

101 14.3 10.9 16.3

100 12.0 8.9 13.3





#83

Butylbenzylphthalate

Concen: 22.344 ng/ul

RT: 20.604 min Scan# 2978

Delta R.T. -0.006 min

Lab File: BN023788.D

Acq: 24 Jan 2023 22:32

Instrument :

BNA_N

ClientSampleId :

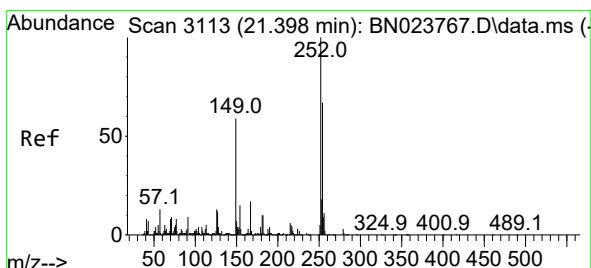
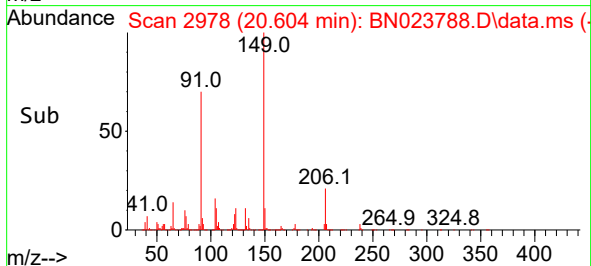
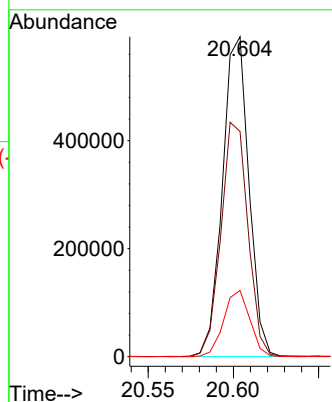
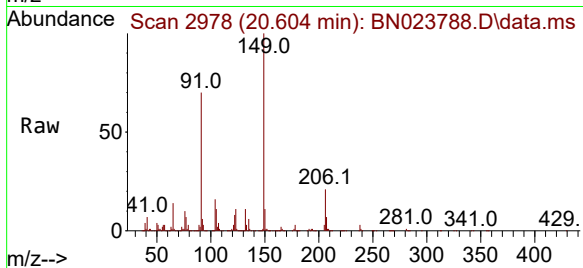
Tgt Ion:149 Resp: 640046

Ion Ratio Lower Upper

149 100

91 70.4 57.9 86.9

206 20.7 16.8 25.2



#84

3,3'-Dichlorobenzidine

Concen: 19.483 ng/ul

RT: 21.392 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BN023788.D

Acq: 24 Jan 2023 22:32

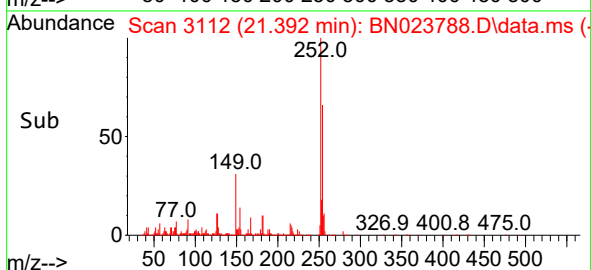
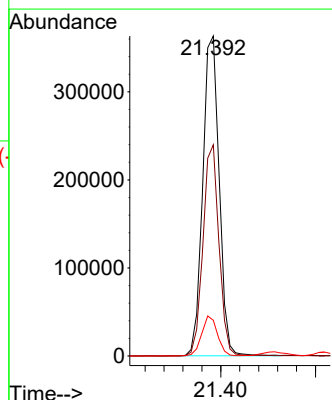
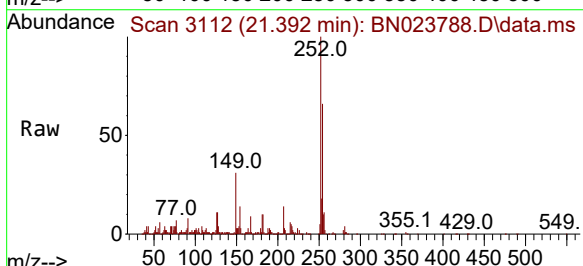
Tgt Ion:252 Resp: 435843

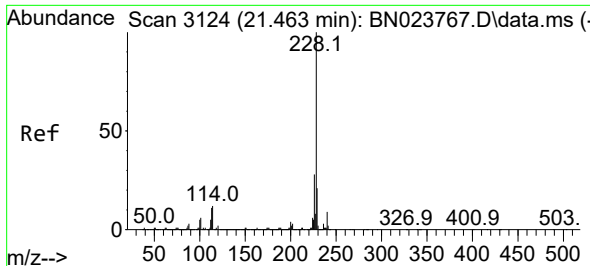
Ion Ratio Lower Upper

252 100

254 66.0 51.2 76.8

126 11.1 8.8 13.2

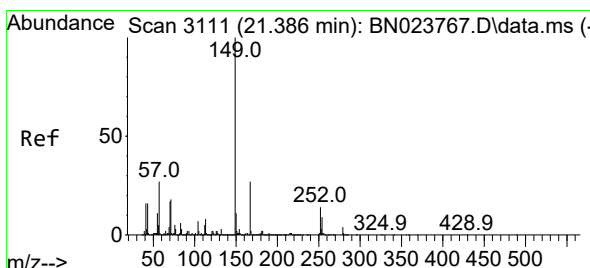
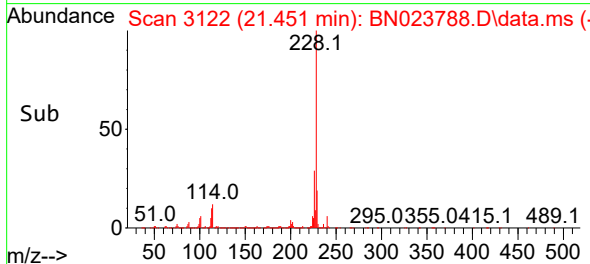
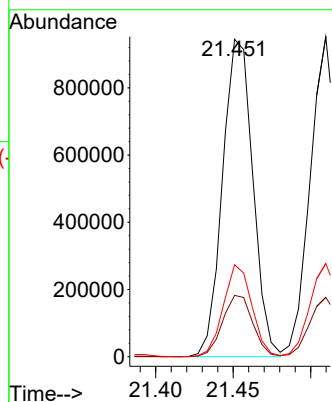
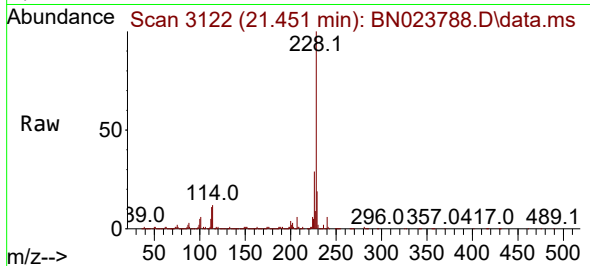




#85
Benzo(a)anthracene
Concen: 18.517 ng/ul
RT: 21.451 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BN023788.D
Acq: 24 Jan 2023 22:32

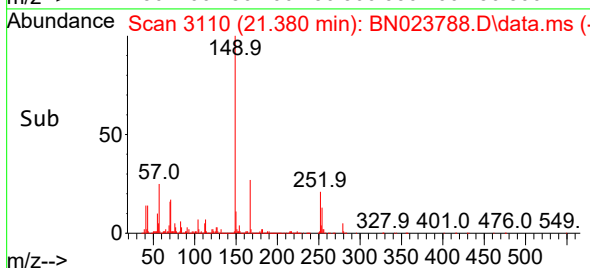
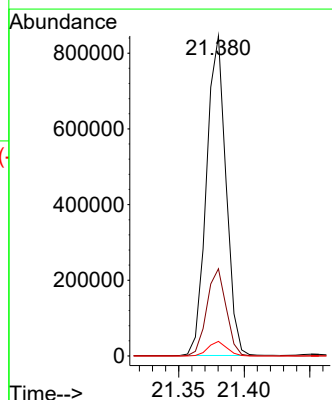
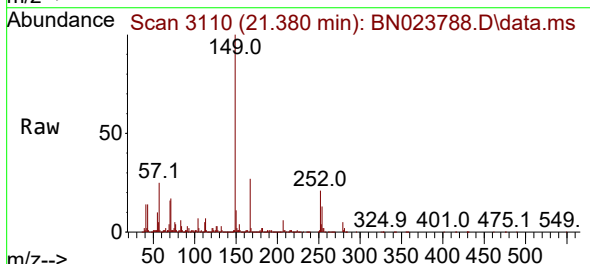
Instrument :
BNA_N
ClientSampleId :

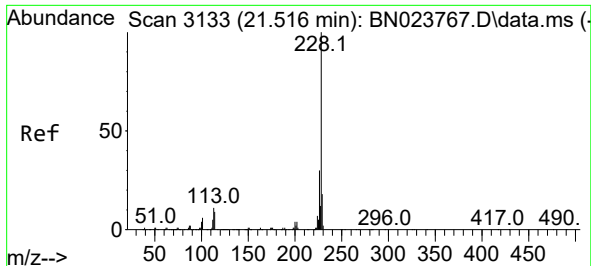
Tgt Ion:228 Resp: 1284504
Ion Ratio Lower Upper
228 100
229 19.3 15.0 22.4
226 29.0 22.1 33.1



#86
Bis(2-ethylhexyl)phthalate
Concen: 21.004 ng/ul
RT: 21.380 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BN023788.D
Acq: 24 Jan 2023 22:32

Tgt Ion:149 Resp: 873590
Ion Ratio Lower Upper
149 100
167 27.2 22.0 33.0
279 4.6 3.4 5.2

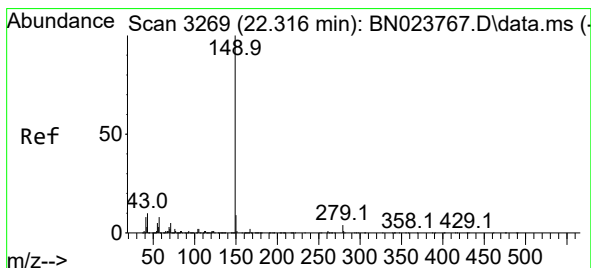
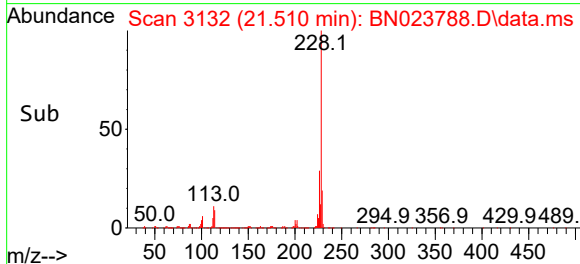
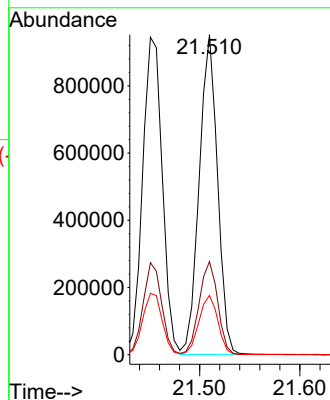
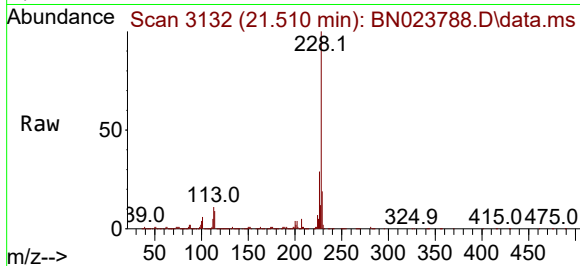




#87
Chrysene
Concen: 18.567 ng/ul
RT: 21.510 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BN023788.D
Acq: 24 Jan 2023 22:32

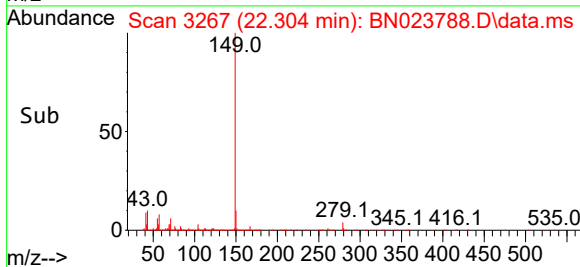
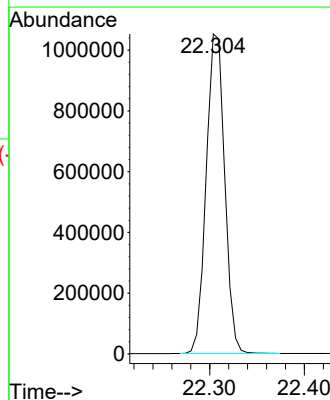
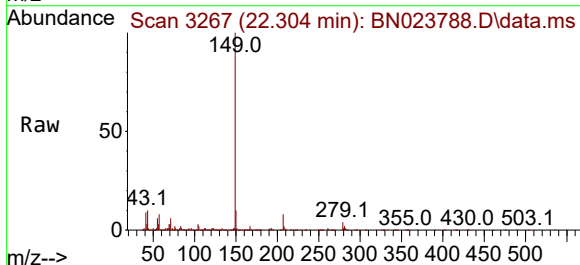
Instrument :
BNA_N
ClientSampleId :

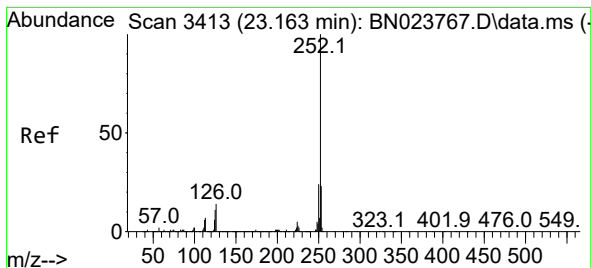
Tgt Ion:228 Resp: 1207607
Ion Ratio Lower Upper
228 100
226 29.1 24.6 37.0
229 18.5 16.8 25.2



#89
Di-n-octyl phthalate
Concen: 19.070 ng/ul
RT: 22.304 min Scan# 3267
Delta R.T. -0.012 min
Lab File: BN023788.D
Acq: 24 Jan 2023 22:32

Tgt Ion:149 Resp: 1422962





#90

Benzo(b)fluoranthene

Concen: 18.158 ng/ul

RT: 23.139 min Scan# 3413

Delta R.T. -0.024 min

Lab File: BN023788.D

Acq: 24 Jan 2023 22:32

Instrument :

BNA_N

ClientSampleId :

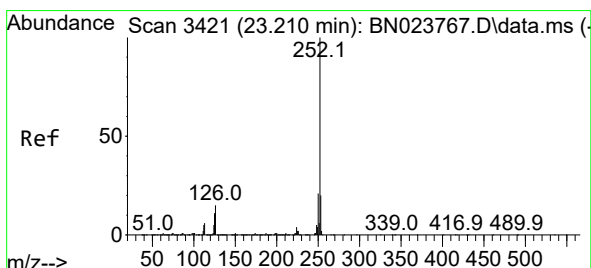
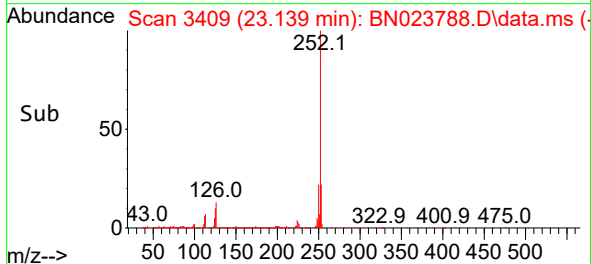
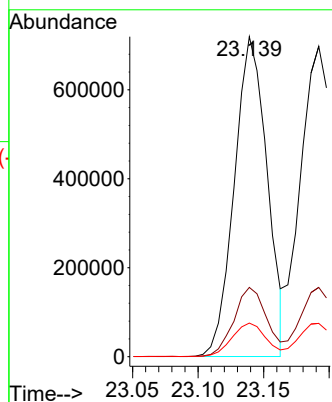
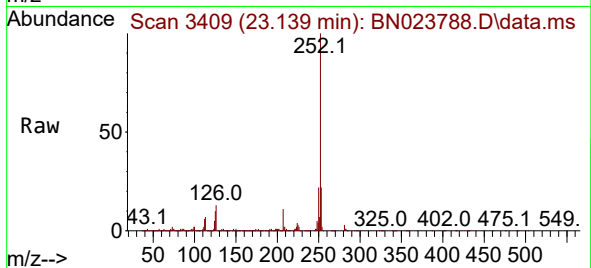
Tgt Ion:252 Resp: 1250546

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

125 10.5 8.6 13.0



#91

Benzo(k)fluoranthene

Concen: 18.031 ng/ul

RT: 23.192 min Scan# 3418

Delta R.T. -0.018 min

Lab File: BN023788.D

Acq: 24 Jan 2023 22:32

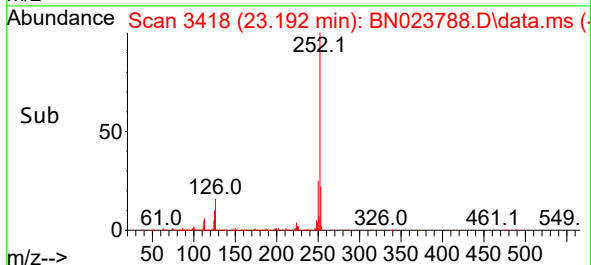
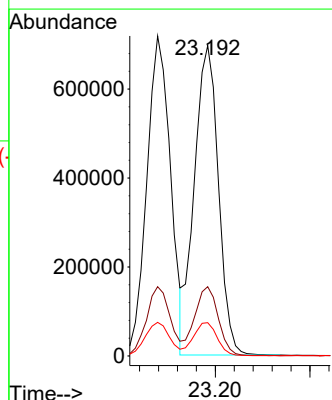
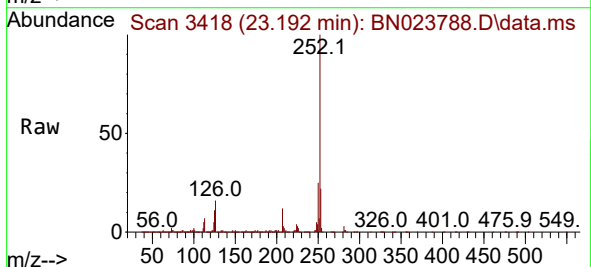
Tgt Ion:252 Resp: 1228283

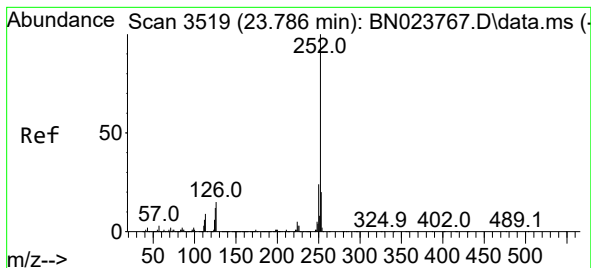
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 10.7 8.6 12.8





#93

Benzo(a)pyrene

Concen: 18.154 ng/ul

RT: 23.768 min Scan# 3

Delta R.T. -0.018 min

Lab File: BN023788.D

Acq: 24 Jan 2023 22:32

Instrument :

BNA_N

ClientSampleId :

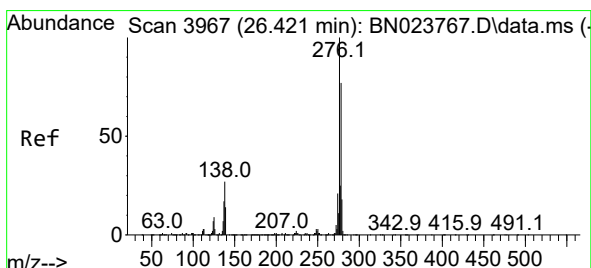
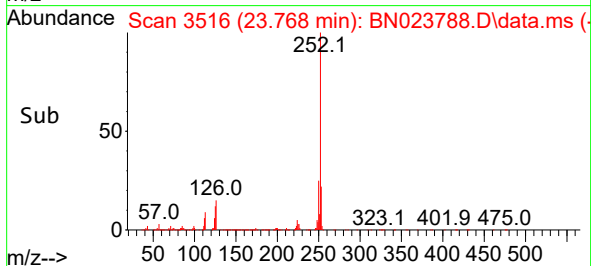
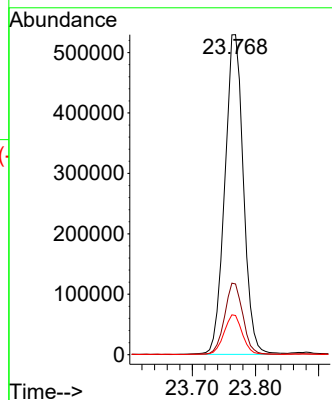
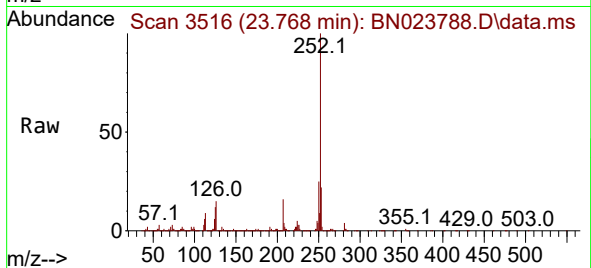
Tgt Ion:252 Resp: 1084337

Ion Ratio Lower Upper

252 100

253 22.1 16.6 25.0

125 12.3 9.8 14.6



#94

Indeno(1,2,3-cd)pyrene

Concen: 17.274 ng/ul

RT: 26.368 min Scan# 3958

Delta R.T. -0.053 min

Lab File: BN023788.D

Acq: 24 Jan 2023 22:32

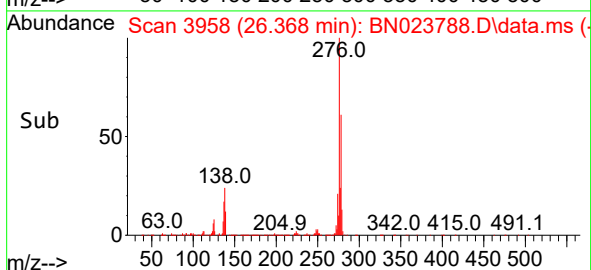
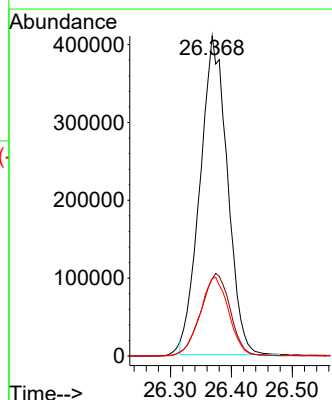
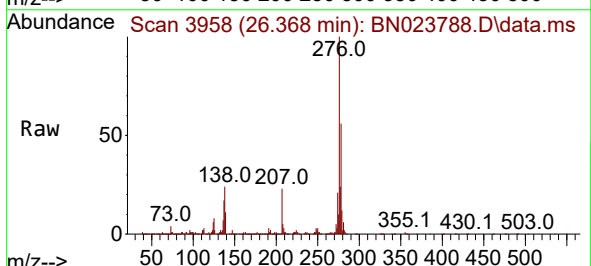
Tgt Ion:276 Resp: 1275136

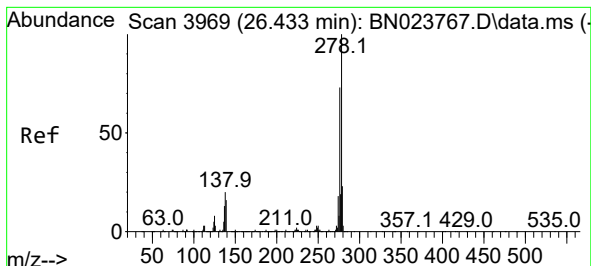
Ion Ratio Lower Upper

276 100

138 24.1 20.6 30.8

277 24.2 18.9 28.3





#95

Dibenzo(a,h)anthracene

Concen: 17.366 ng/ul

RT: 26.386 min Scan# 3961

Delta R.T. -0.047 min

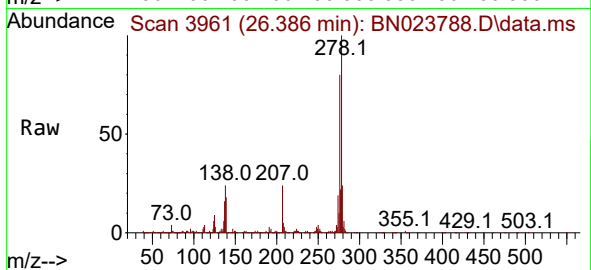
Lab File: BN023788.D

Acq: 24 Jan 2023 22:32

Instrument :

BNA_N

ClientSampleId :



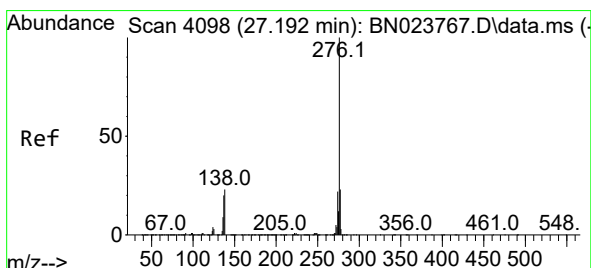
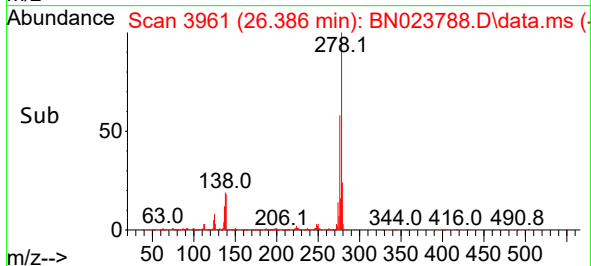
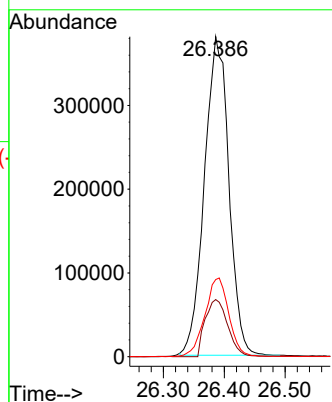
Tgt Ion:278 Resp: 1059924

Ion Ratio Lower Upper

278 100

139 17.8 14.1 21.1

279 24.1 18.0 27.0



#96

Benzo(g,h,i)perylene

Concen: 16.581 ng/ul

RT: 27.133 min Scan# 4088

Delta R.T. -0.059 min

Lab File: BN023788.D

Acq: 24 Jan 2023 22:32

Tgt Ion:276 Resp: 974766

Ion Ratio Lower Upper

276 100

138 23.1 17.0 25.6

277 24.3 17.6 26.4

