

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012323\
 Data File : BN023770.D
 Acq On : 24 Jan 2023 10:47
 Operator : CG/JU
 Sample : PB150407BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 24 23:55:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 24 23:52:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	233611	20.000	ng/ul	0.00
20) Naphthalene-d8	10.699	136	1001808	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.540	164	607231	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.287	188	1271360	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	1050736	20.000	ng/ul	0.00
88) Perylene-d12	23.880	264	1150899	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	34262	6.311	ng/uL	0.00
4) Pyridine-d5	3.693	84	471402	28.942	ng/ul	0.00
7) Phenol-d5	7.052	99	590207	28.506	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	371832	29.275	ng/ul	0.00
11) 2-Chlorophenol-d4	7.416	132	502463	31.688	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	497924	30.131	ng/ul	0.00
21) Nitrobenzene-d5	9.058	128	245979	32.561	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	261169	32.658	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	487398	31.953	ng/ul	0.00
31) 4-Chloroaniline-d4	10.840	131	625129	26.054	ng/ul	0.00
46) Dimethylphthalate-d6	13.951	166	1405449	31.114	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	1606728	32.103	ng/ul	0.00
54) 4-Nitrophenol-d4	14.740	143	281806	30.645	ng/ul	0.00
60) Fluorene-d10	15.528	176	1181443	30.609	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	237328	30.944	ng/ul	0.00
73) Anthracene-d10	17.387	188	1853149	32.573	ng/ul	0.00
81) Pyrene-d10	19.681	212	1844121	30.688	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.733	264	1778667	31.251	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	66841	11.663	ng/uL	100
5) Pyridine	3.711	79	469290	28.145	ng/ul	99
6) Benzaldehyde	7.022	77	331497	41.342	ng/ul	99
8) Phenol	7.081	94	592816	28.128	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.311	93	481093	28.890	ng/ul	99
12) 2-Chlorophenol	7.446	128	504757	30.803	ng/ul	99
13) 2-Methylphenol	8.334	108	470655	29.675	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.428	45	673805	30.254	ng/ul	98
16) Acetophenone	8.722	105	746163	29.213	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.711	70	392828	30.545	ng/ul	98
18) 4-Methylphenol	8.669	108	518688	29.696	ng/ul	98
19) Hexachloroethane	8.969	117	201096	30.684	ng/ul	96
22) Nitrobenzene	9.099	77	585953	30.992	ng/ul	99
23) Isophorone	9.628	82	1014306	29.663	ng/ul	99
25) 2-Nitrophenol	9.810	139	274962	30.932	ng/ul	98
26) 2,4-Dimethylphenol	9.875	107	524084	29.051	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.110	93	679637	30.643	ng/ul	99
29) 2,4-Dichlorophenol	10.346	162	464699	30.447	ng/ul	97
30) Naphthalene	10.746	128	1583415	29.402	ng/ul	99
32) 4-Chloroaniline	10.863	127	602545	25.075	ng/ul	97
33) Hexachlorobutadiene	11.028	225	275700	29.205	ng/ul	97
34) Caprolactam	11.652	113	94232	18.383	ng/ul	98
35) 4-Chloro-3-methylphenol	11.993	107	513426	30.851	ng/ul	99
36) 2-Methylnaphthalene	12.363	142	985282	27.445	ng/ul	98

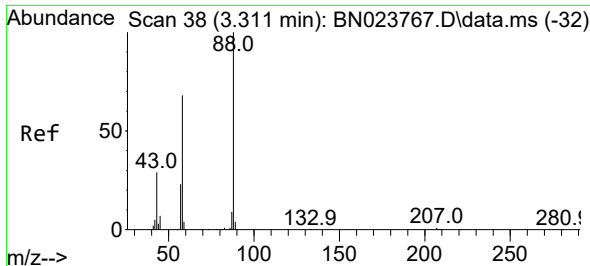
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.581	142	1031247	28.116	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.728	216	488915	27.224	ng/ul	96
40) Hexachlorocyclopentadiene	12.704	237	321068	28.366	ng/ul	100
41) 2,4,6-Trichlorophenol	12.969	196	326924	27.616	ng/ul	90
42) 2,4,5-Trichlorophenol	13.040	196	365708	28.248	ng/ul	94
43) 1,1'-Biphenyl	13.375	154	1276168	27.241	ng/ul	98
44) 2-Chloronaphthalene	13.410	162	993739	27.341	ng/ul	99
45) 2-Nitroaniline	13.622	65	333950	33.318	ng/ul	100
47) Dimethylphthalate	13.998	163	1387497	30.568	ng/ul	100
48) 2,6-Dinitrotoluene	14.122	165	287594	33.516	ng/ul	97
50) Acenaphthylene	14.263	152	1704898	30.636	ng/ul	100
51) 3-Nitroaniline	14.451	138	279692	32.526	ng/ul	98
52) Acenaphthene	14.604	153	1173447	29.908	ng/ul	99
53) 2,4-Dinitrophenol	14.651	184	138041	24.614	ng/ul	98
55) 4-Nitrophenol	14.757	109	216458	29.147	ng/ul	97
56) Dibenzofuran	14.934	168	1629514	29.838	ng/ul	97
57) 2,4-Dinitrotoluene	14.904	165	410880	32.800	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.163	232	340837	30.724	ng/ul	98
59) Diethylphthalate	15.363	149	1396498	30.714	ng/ul	99
61) Fluorene	15.587	166	1299815	29.392	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.581	204	644843	29.952	ng/ul	96
63) 4-Nitroaniline	15.616	138	305912	38.640	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.669	198	230529	30.458	ng/ul	99
67) N-Nitrosodiphenylamine	15.793	169	1137553	31.883	ng/ul	99
68) 4-Bromophenyl-phenylether	16.475	248	399797	31.373	ng/ul	98
69) Hexachlorobenzene	16.587	284	468194	31.352	ng/ul	98
70) Atrazine	16.751	200	413363	30.956	ng/ul	99
71) Pentachlorophenol	16.934	266	283132	29.707	ng/ul	94
72) Phenanthrene	17.328	178	2083230	30.581	ng/ul	99
74) Anthracene	17.422	178	2108589	31.101	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.334	216	494155	28.870	ng/ul	99
76) Pentachlorobenzene	14.857	250	532742	31.072	ng/ul	99
77) Carbazole	17.692	167	1974477	32.074	ng/ul	100
78) Di-n-butylphthalate	18.251	149	2402367	32.869	ng/ul	100
80) Fluoranthene	19.339	202	2189399	31.150	ng/ul	99
82) Pyrene	19.710	202	2234839	30.103	ng/ul	100
83) Butylbenzylphthalate	20.604	149	998930	33.987	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.398	252	726835	31.666	ng/ul	99
85) Benzo(a)anthracene	21.463	228	2208611	31.031	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.386	149	1433425	33.590	ng/ul	99
87) Chrysene	21.516	228	2034252	30.483	ng/ul	100
89) Di-n-octyl phthalate	22.316	149	2439218	30.709	ng/ul	100
90) Benzo(b)fluoranthene	23.151	252	2151740	29.351	ng/ul	99
91) Benzo(k)fluoranthene	23.204	252	2166751	29.881	ng/ul	99
93) Benzo(a)pyrene	23.780	252	1998505	31.433	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.374	276	2285849	29.091	ng/ul	98
95) Dibenzo(a,h)anthracene	26.398	278	1896472	29.190	ng/ul	98
96) Benzo(g,h,i)perylene	27.151	276	1792793	28.649	ng/ul	98

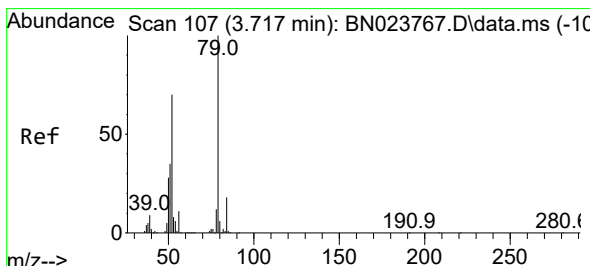
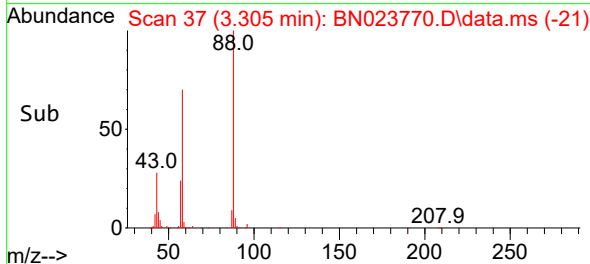
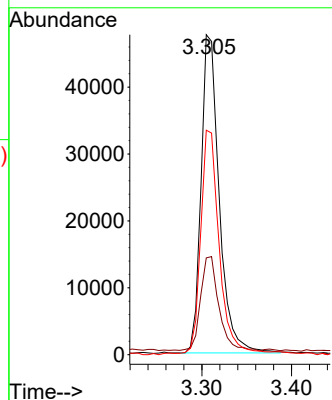
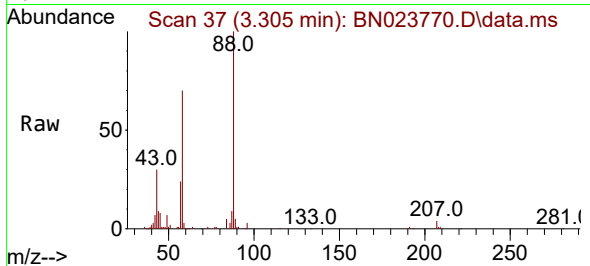
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#2
 1,4-Dioxane
 Concen: 11.663 ng/uL
 RT: 3.305 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BN023770.D
 Acq: 24 Jan 2023 10:47

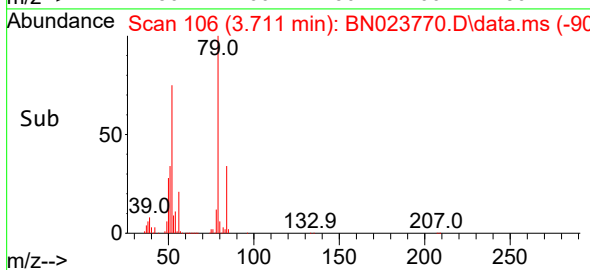
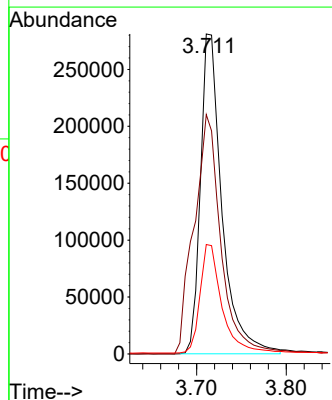
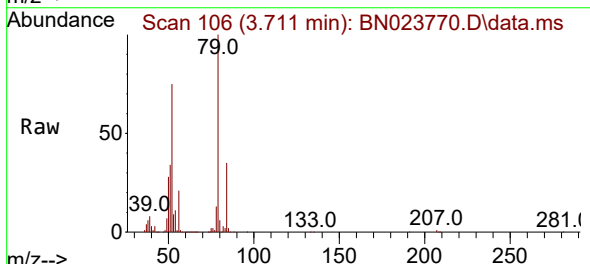
Instrument :
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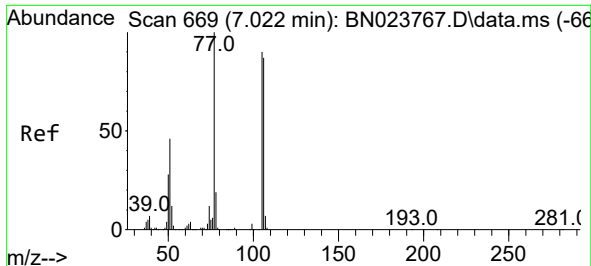
Tgt Ion: 88 Resp: 66841
 Ion Ratio Lower Upper
 88 100
 43 30.3 24.6 36.8
 58 70.1 56.2 84.4



#5
 Pyridine
 Concen: 28.145 ng/uL
 RT: 3.711 min Scan# 106
 Delta R.T. -0.006 min
 Lab File: BN023770.D
 Acq: 24 Jan 2023 10:47

Tgt Ion: 79 Resp: 469290
 Ion Ratio Lower Upper
 79 100
 52 74.8 59.9 89.9
 51 34.2 28.6 42.8

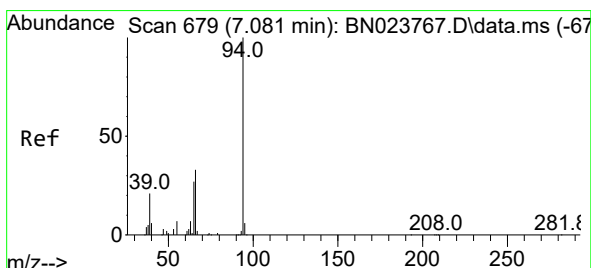
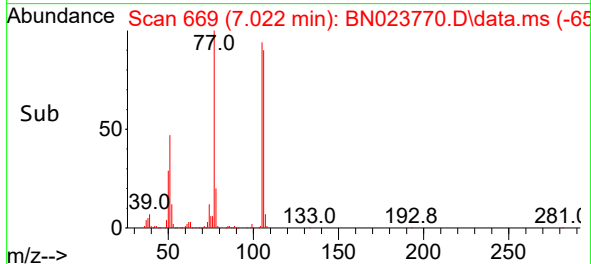
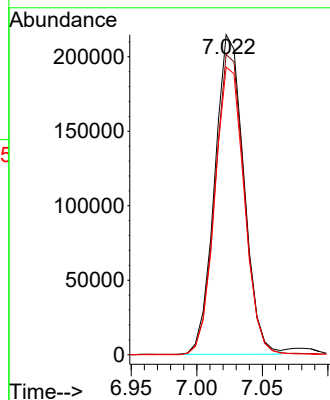
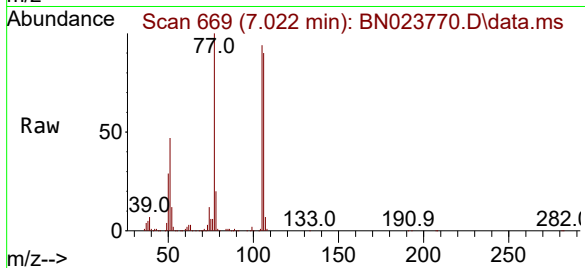




#6
Benzaldehyde
Concen: 41.342 ng/ul
RT: 7.022 min Scan# 669
Delta R.T. -0.000 min
Lab File: BN023770.D
Acq: 24 Jan 2023 10:47

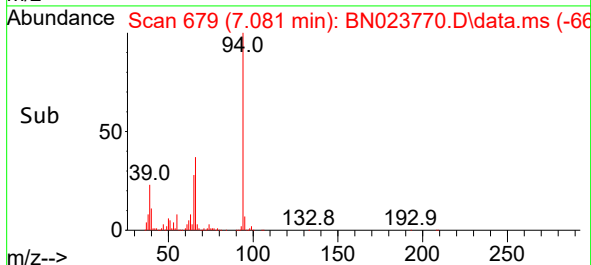
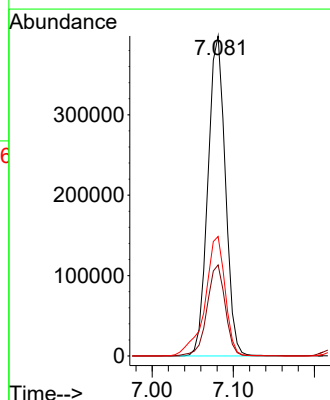
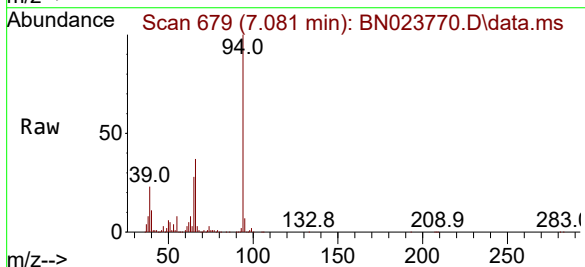
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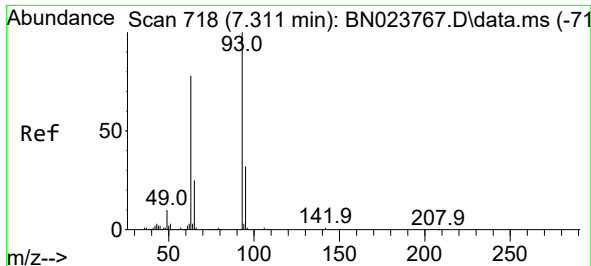
Tgt Ion: 77 Resp: 331497
Ion Ratio Lower Upper
77 100
105 93.8 75.1 112.7
106 89.8 72.8 109.2



#8
Phenol
Concen: 28.128 ng/ul
RT: 7.081 min Scan# 679
Delta R.T. -0.000 min
Lab File: BN023770.D
Acq: 24 Jan 2023 10:47

Tgt Ion: 94 Resp: 592816
Ion Ratio Lower Upper
94 100
65 28.5 23.7 35.5
66 37.3 29.9 44.9





#10

Bis(2-Chloroethyl)ether

Concen: 28.890 ng/ul

RT: 7.311 min Scan# 718

Delta R.T. -0.000 min

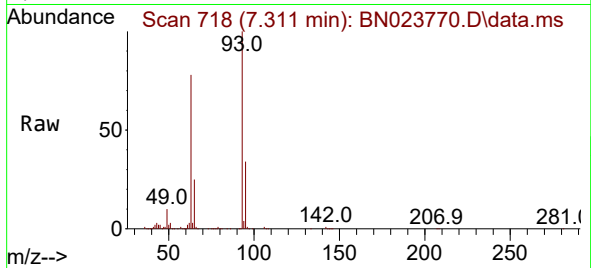
Lab File: BN023770.D

Acq: 24 Jan 2023 10:47

Instrument :

BNA_N

ClientSampleId :



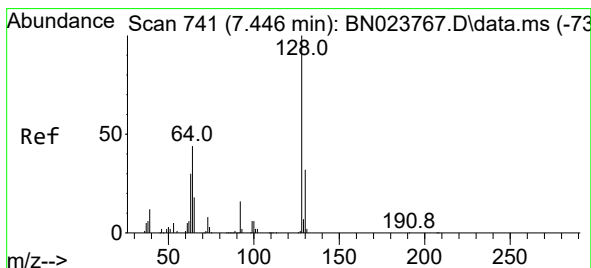
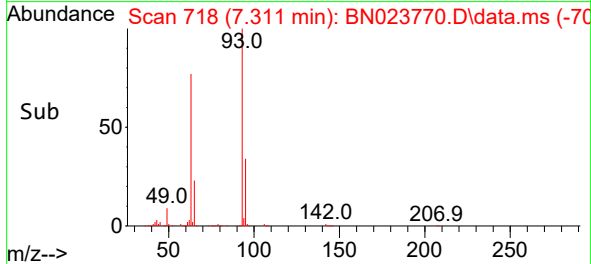
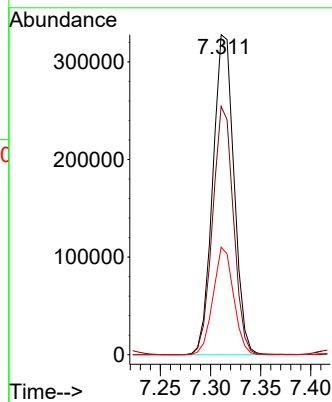
Tgt Ion: 93 Resp: 481093

Ion Ratio Lower Upper

93 100

63 77.6 61.2 91.8

95 33.6 26.6 40.0



#12

2-Chlorophenol

Concen: 30.803 ng/ul

RT: 7.446 min Scan# 741

Delta R.T. -0.000 min

Lab File: BN023770.D

Acq: 24 Jan 2023 10:47

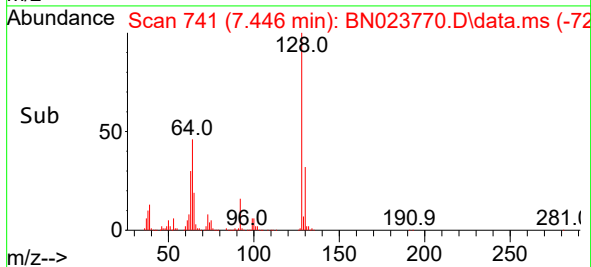
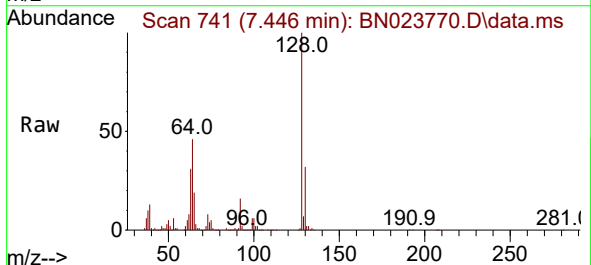
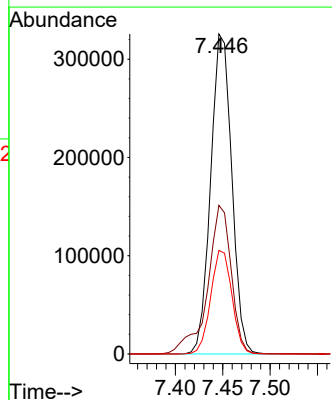
Tgt Ion:128 Resp: 504757

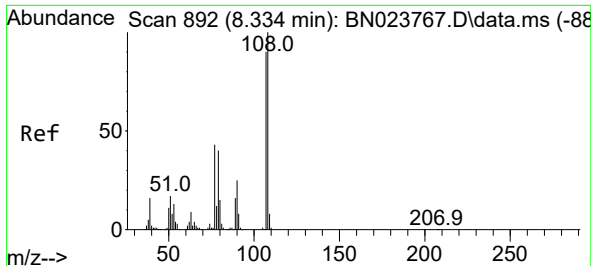
Ion Ratio Lower Upper

128 100

64 46.5 37.4 56.2

130 32.3 25.6 38.4





#13

2-Methylphenol

Concen: 29.675 ng/ul

RT: 8.334 min Scan# 892

Delta R.T. -0.000 min

Lab File: BN023770.D

Acq: 24 Jan 2023 10:47

Instrument :

BNA_N

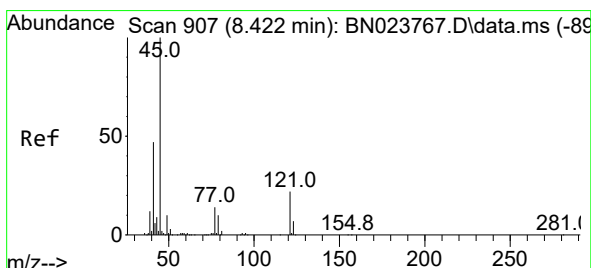
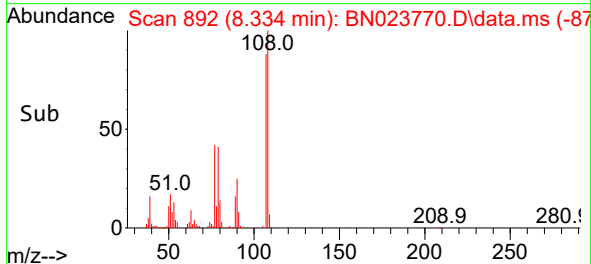
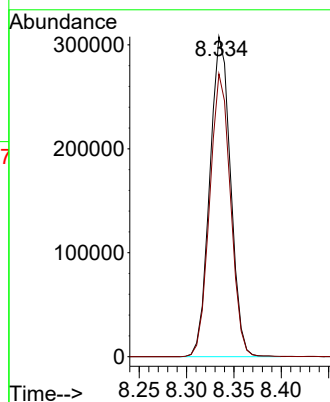
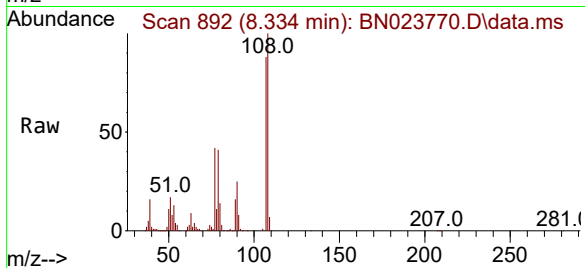
ClientSampleId :

Tgt Ion:108 Resp: 470655

Ion Ratio Lower Upper

108 100

107 88.4 72.3 108.5



#14

2,2'-oxybis(1-Chloropropane)

Concen: 30.254 ng/ul

RT: 8.428 min Scan# 908

Delta R.T. 0.006 min

Lab File: BN023770.D

Acq: 24 Jan 2023 10:47

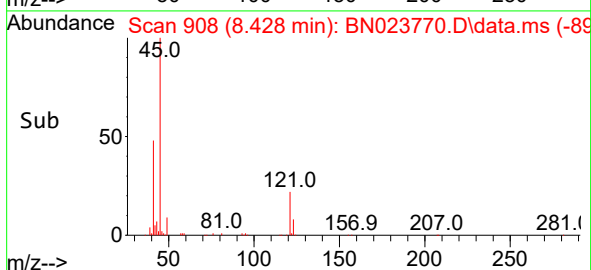
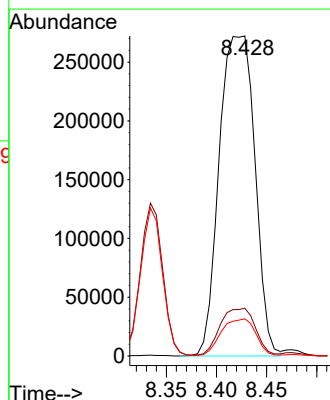
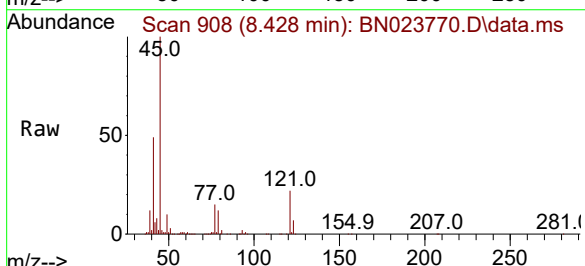
Tgt Ion: 45 Resp: 673805

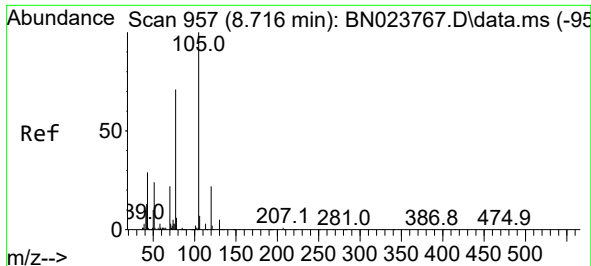
Ion Ratio Lower Upper

45 100

77 14.9 11.4 17.2

79 11.6 8.8 13.2

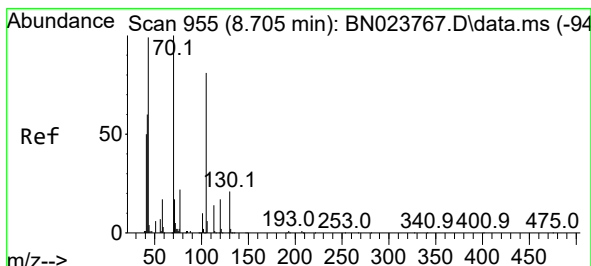
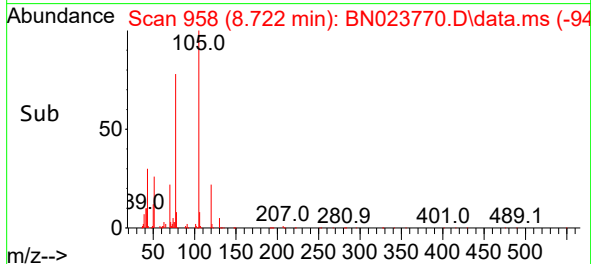
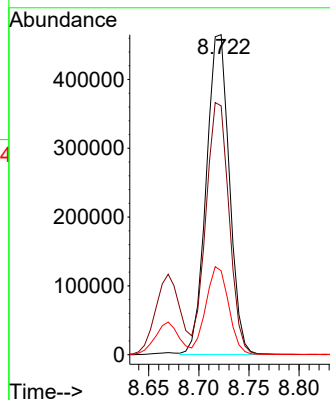
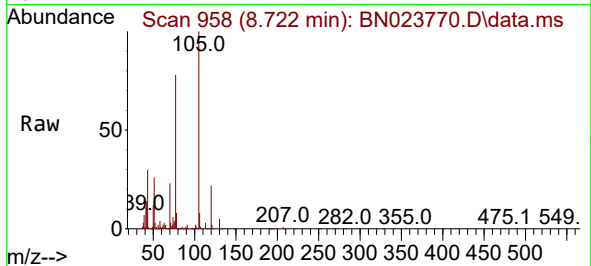




#16
Acetophenone
Concen: 29.213 ng/ul
RT: 8.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: BN023770.D
Acq: 24 Jan 2023 10:47

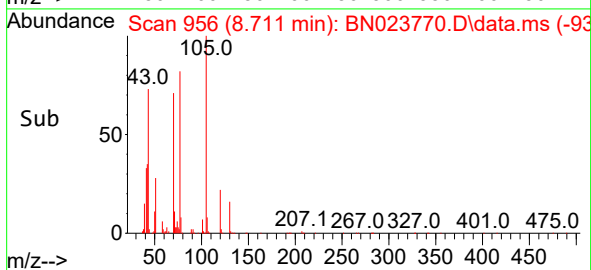
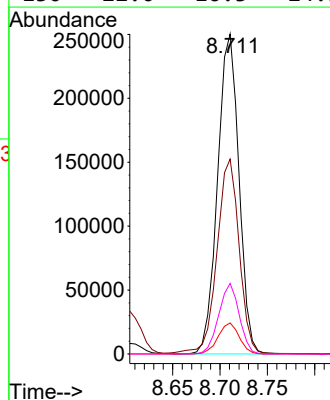
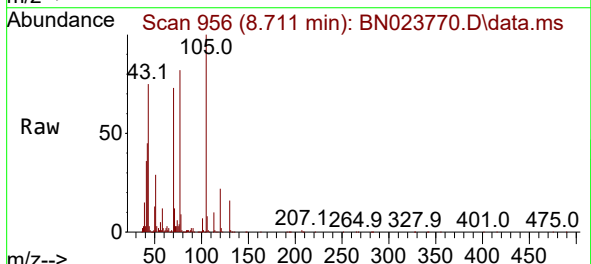
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BNA_N
ClientSampleId :

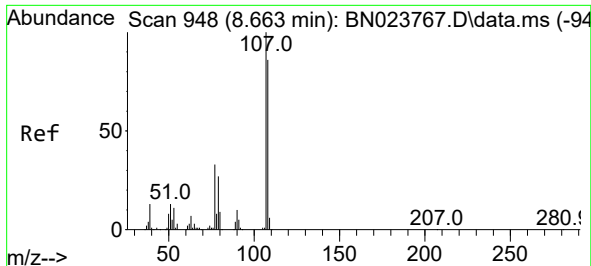
Tgt Ion:105 Resp: 746163
Ion Ratio Lower Upper
105 100
77 77.8 64.2 96.2
51 26.2 22.0 33.0



#17
N-Nitroso-di-n-propylamine
Concen: 30.545 ng/ul
RT: 8.711 min Scan# 956
Delta R.T. 0.006 min
Lab File: BN023770.D
Acq: 24 Jan 2023 10:47

Tgt Ion: 70 Resp: 392828
Ion Ratio Lower Upper
70 100
42 60.9 47.8 71.6
101 9.7 7.8 11.6
130 22.0 16.3 24.5

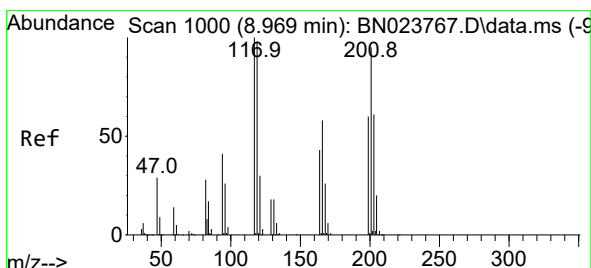
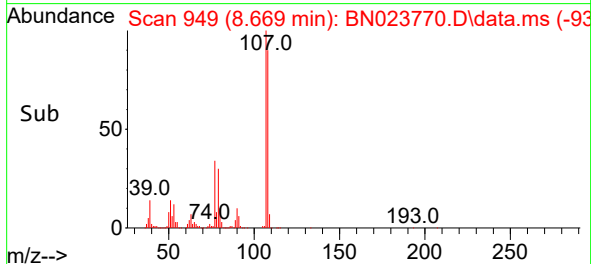
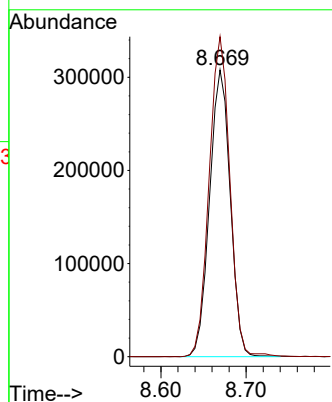
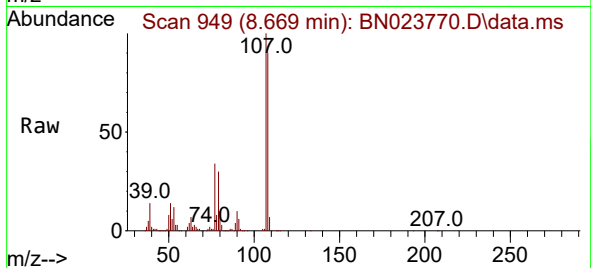




#18
4-Methylphenol
Concen: 29.696 ng/ul
RT: 8.669 min Scan# 948
Delta R.T. 0.006 min
Lab File: BN023770.D
Acq: 24 Jan 2023 10:47

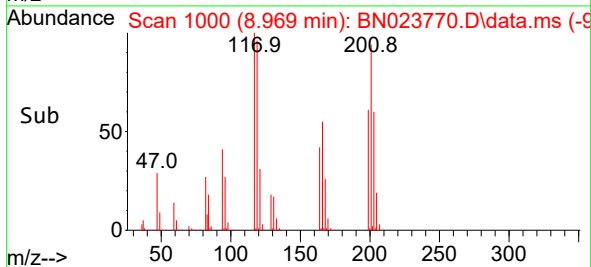
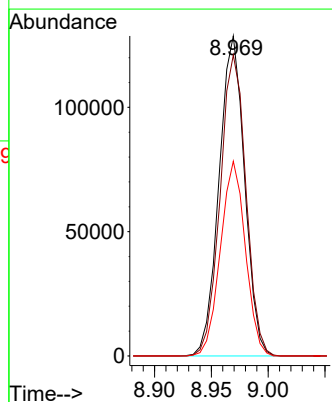
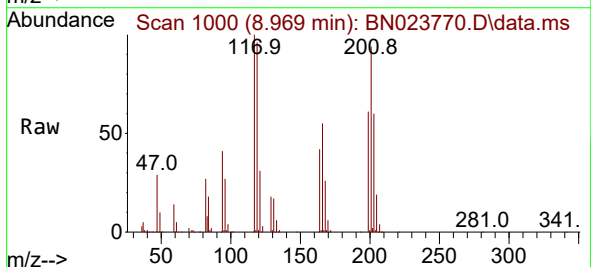
Instrument :
BNA_N
ClientSampleId :

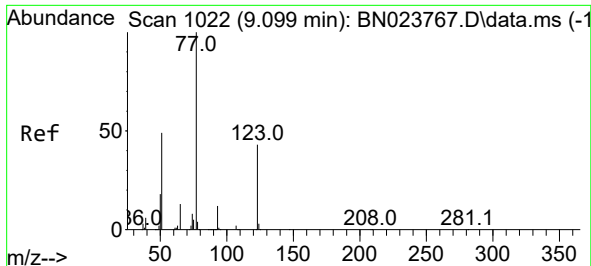
Tgt Ion:108 Resp: 518688
Ion Ratio Lower Upper
108 100
107 111.6 90.7 136.1



#19
Hexachloroethane
Concen: 30.684 ng/ul
RT: 8.969 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BN023770.D
Acq: 24 Jan 2023 10:47

Tgt Ion:117 Resp: 201096
Ion Ratio Lower Upper
117 100
201 94.1 76.9 115.3
199 60.9 44.6 67.0

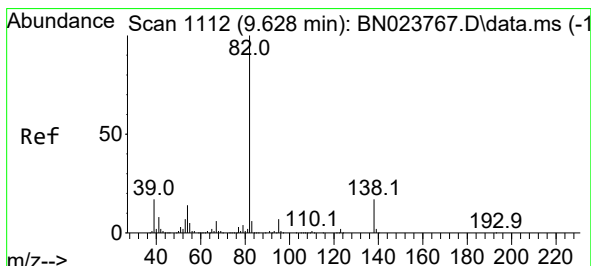
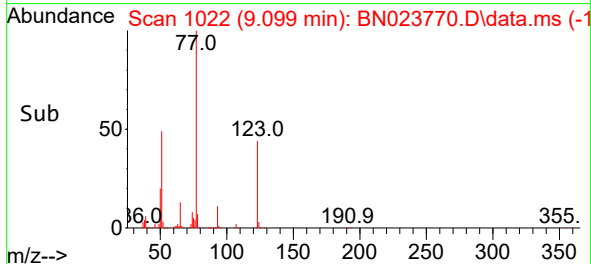
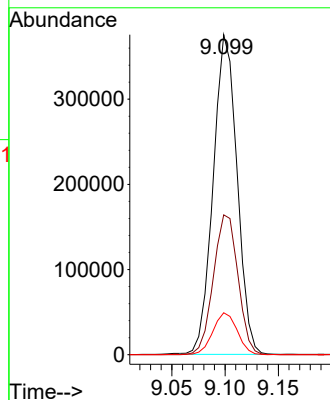
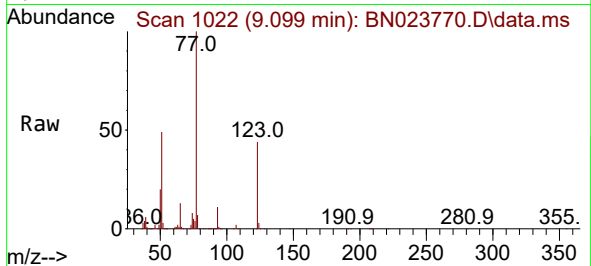




#22
Nitrobenzene
Concen: 30.992 ng/ul
RT: 9.099 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BN023770.D
Acq: 24 Jan 2023 10:47

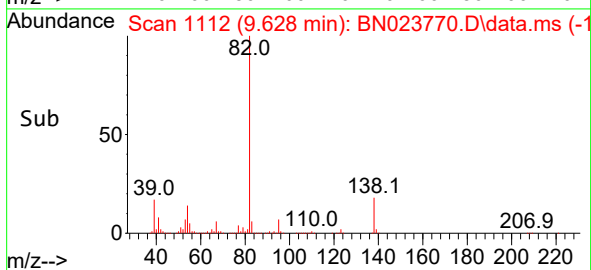
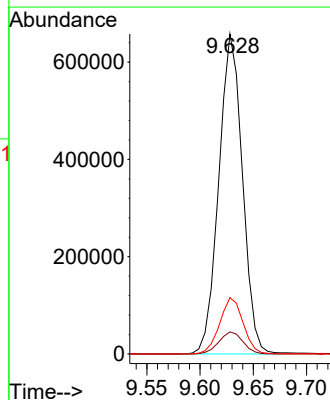
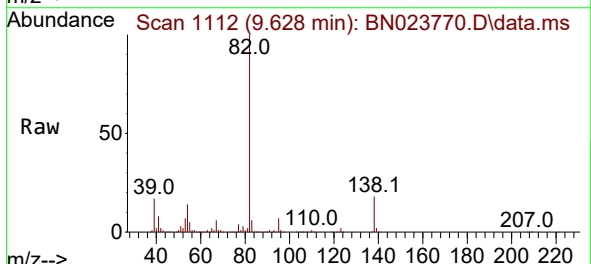
Instrument :
BNA_N
ClientSampleId :

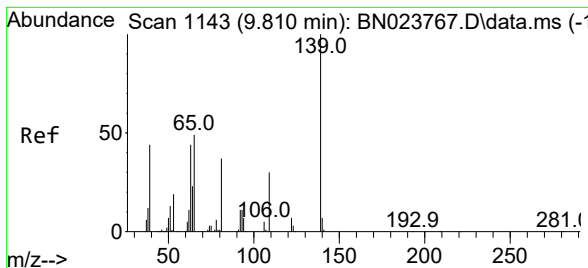
Tgt Ion: 77 Resp: 585953
Ion Ratio Lower Upper
77 100
123 43.7 35.6 53.4
65 13.1 11.0 16.4



#23
Isophorone
Concen: 29.663 ng/ul
RT: 9.628 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BN023770.D
Acq: 24 Jan 2023 10:47

Tgt Ion: 82 Resp: 1014306
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.6 13.8 20.8





#25

2-Nitrophenol

Concen: 30.932 ng/ul

RT: 9.810 min Scan# 1143

Delta R.T. -0.000 min

Lab File: BN023770.D

Acq: 24 Jan 2023 10:47

Instrument :

BNA_N

ClientSampleId :

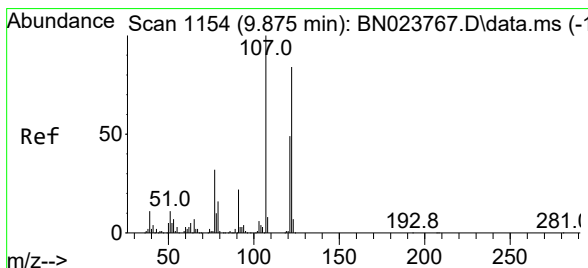
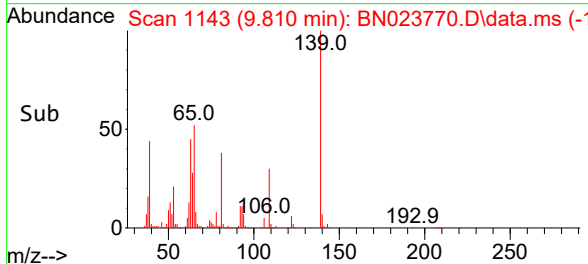
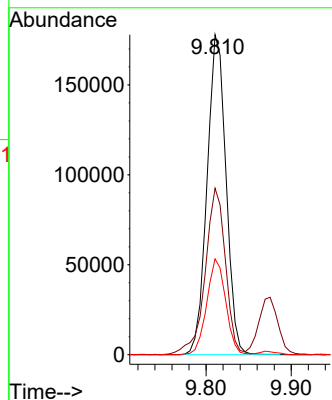
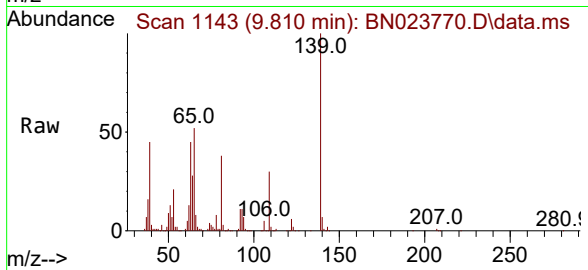
Tgt Ion:139 Resp: 274962

Ion Ratio Lower Upper

139 100

65 52.0 40.3 60.5

109 30.0 24.6 37.0



#26

2,4-Dimethylphenol

Concen: 29.051 ng/ul

RT: 9.875 min Scan# 1154

Delta R.T. -0.000 min

Lab File: BN023770.D

Acq: 24 Jan 2023 10:47

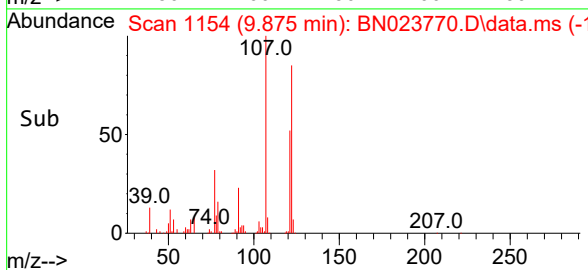
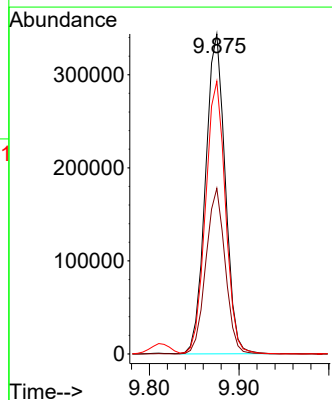
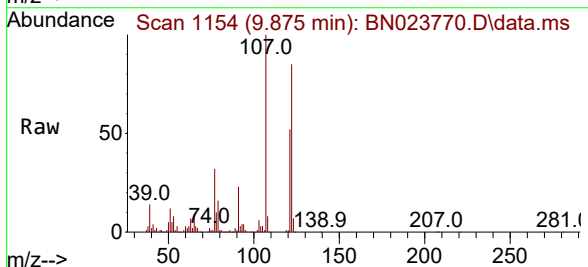
Tgt Ion:107 Resp: 524084

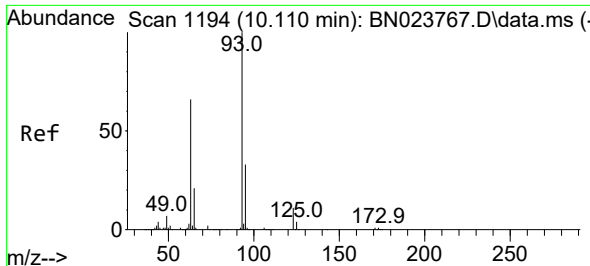
Ion Ratio Lower Upper

107 100

121 51.8 40.4 60.6

122 85.2 67.0 100.4

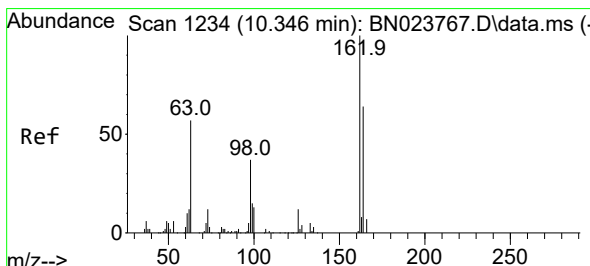
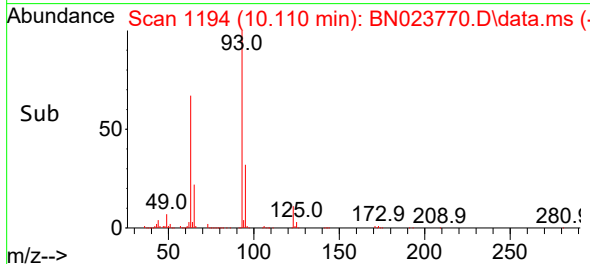
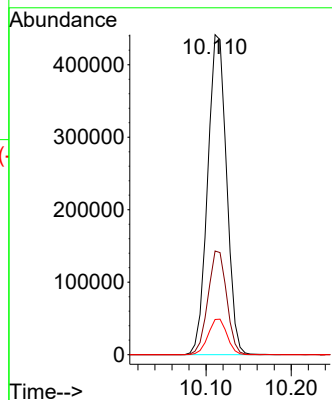
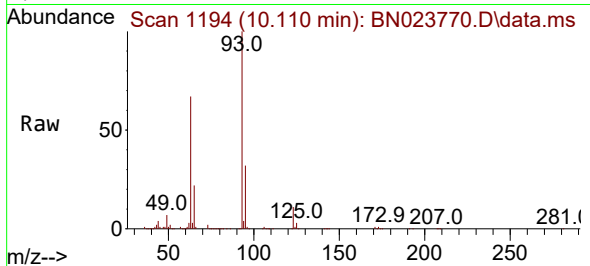




#27
 Bis(2-Chloroethoxy)methane
 Concen: 30.643 ng/ul
 RT: 10.110 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: BN023770.D
 Acq: 24 Jan 2023 10:47

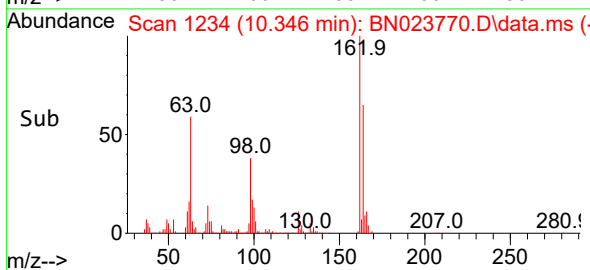
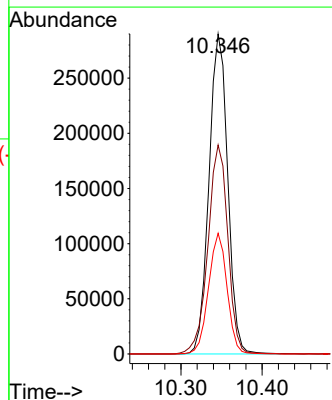
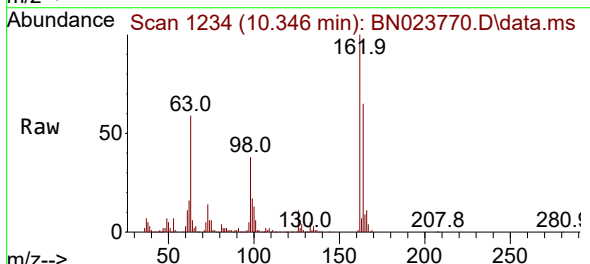
Instrument :
 BNA_N
 ClientSampleId :

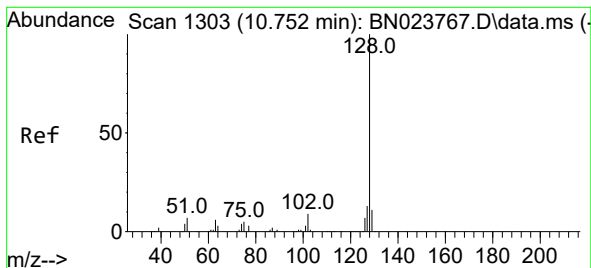
Tgt Ion: 93 Resp: 679637
 Ion Ratio Lower Upper
 93 100
 95 32.4 25.5 38.3
 123 11.0 9.4 14.2



#29
 2,4-Dichlorophenol
 Concen: 30.447 ng/ul
 RT: 10.346 min Scan# 1234
 Delta R.T. -0.000 min
 Lab File: BN023770.D
 Acq: 24 Jan 2023 10:47

Tgt Ion:162 Resp: 464699
 Ion Ratio Lower Upper
 162 100
 164 65.3 53.8 80.6
 98 37.7 28.8 43.2





#30

Naphthalene

Concen: 29.402 ng/ul

RT: 10.746 min Scan# 1302

Delta R.T. -0.006 min

Lab File: BN023770.D

Acq: 24 Jan 2023 10:47

Instrument :

BNA_N

ClientSampleId :

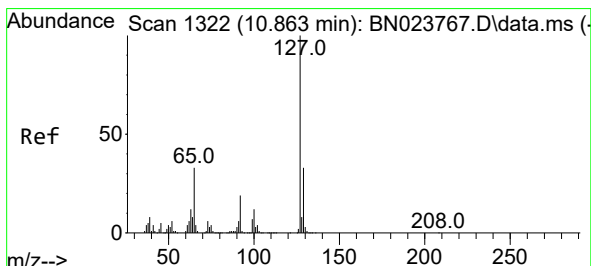
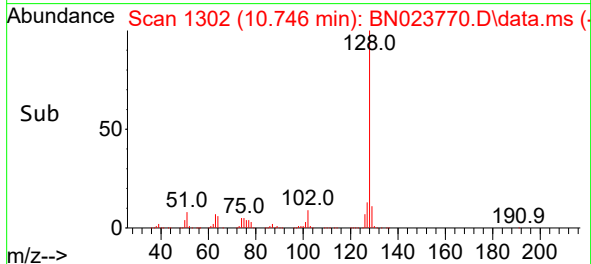
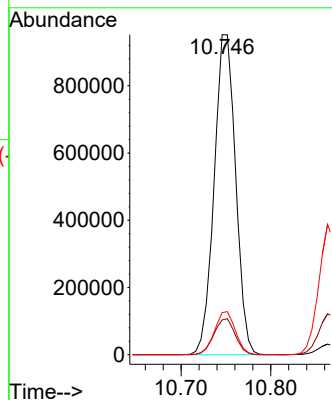
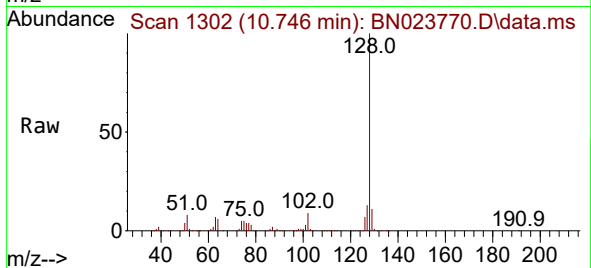
Tgt Ion:128 Resp: 1583415

Ion Ratio Lower Upper

128 100

129 10.9 9.1 13.7

127 13.2 10.8 16.2



#32

4-Chloroaniline

Concen: 25.075 ng/ul

RT: 10.863 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BN023770.D

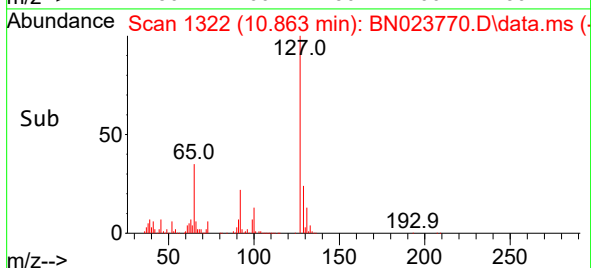
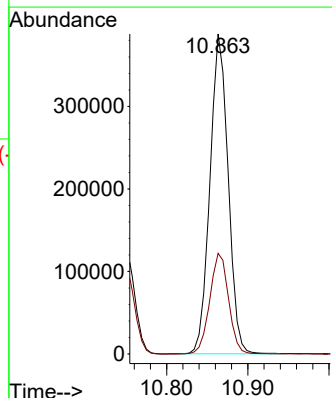
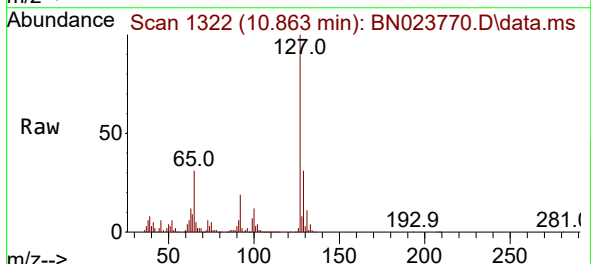
Acq: 24 Jan 2023 10:47

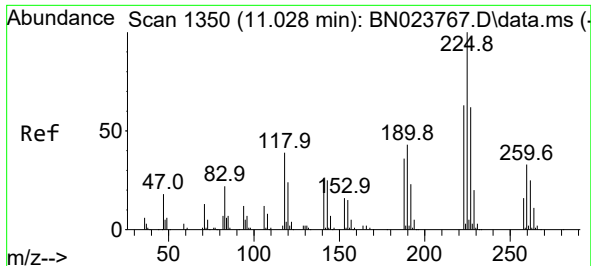
Tgt Ion:127 Resp: 602545

Ion Ratio Lower Upper

127 100

129 31.4 26.4 39.6

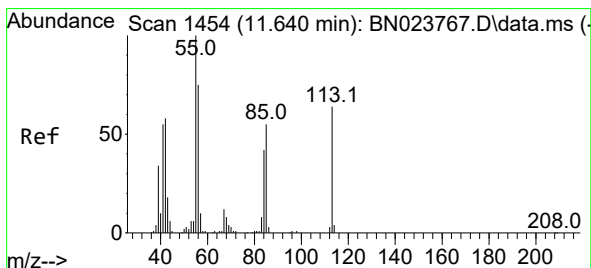
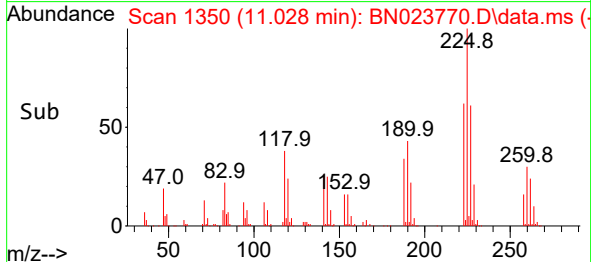
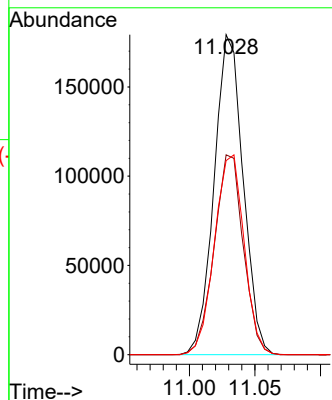
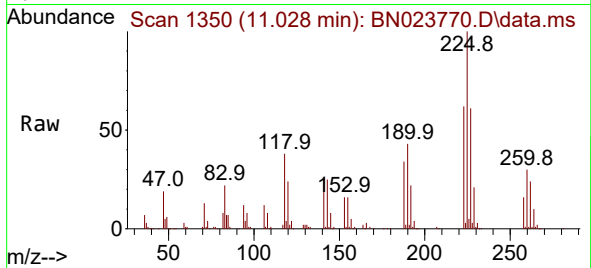




#33
Hexachlorobutadiene
Concen: 29.205 ng/ul
RT: 11.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN023770.D
Acq: 24 Jan 2023 10:47

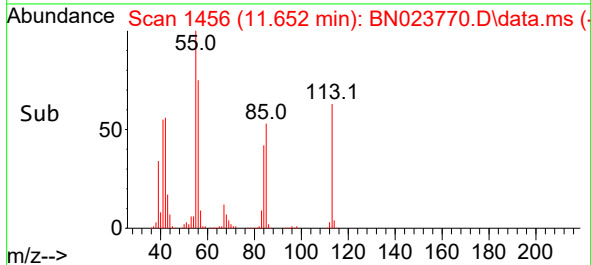
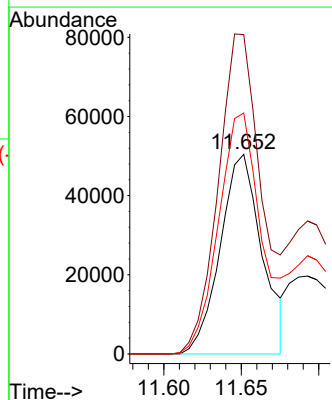
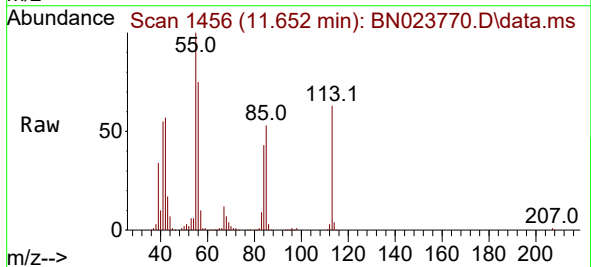
Instrument :
BNA_N
ClientSampleId :

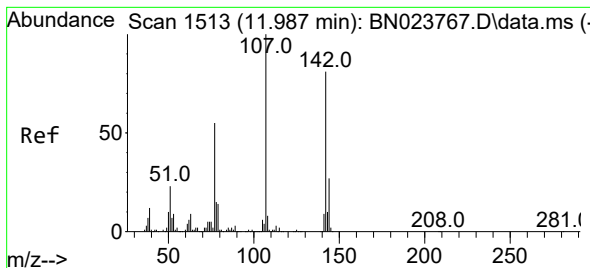
Tgt Ion:225 Resp: 275700
Ion Ratio Lower Upper
225 100
223 62.4 51.7 77.5
227 60.6 50.8 76.2



#34
Caprolactam
Concen: 18.383 ng/ul
RT: 11.652 min Scan# 1456
Delta R.T. 0.012 min
Lab File: BN023770.D
Acq: 24 Jan 2023 10:47

Tgt Ion:113 Resp: 94232
Ion Ratio Lower Upper
113 100
55 159.9 129.1 193.7
56 120.6 94.2 141.4

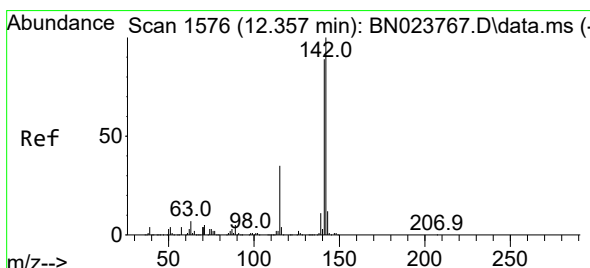
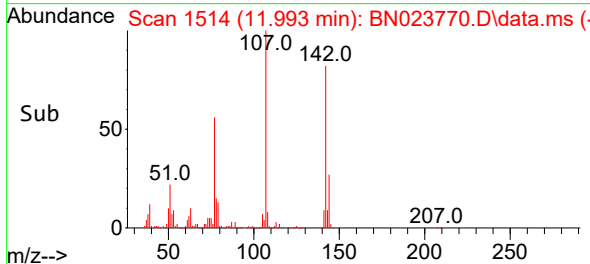
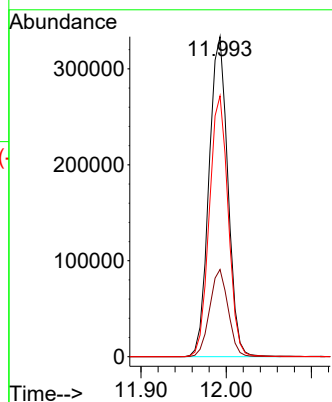
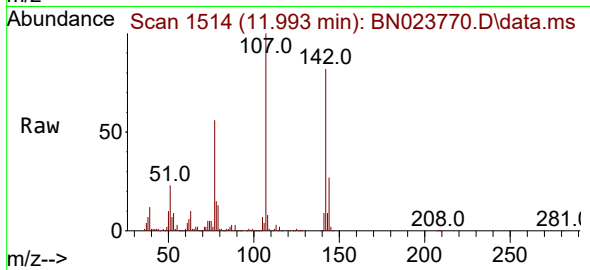




#35
 4-Chloro-3-methylphenol
 Concen: 30.851 ng/ul
 RT: 11.993 min Scan# 1514
 Delta R.T. 0.006 min
 Lab File: BN023770.D
 Acq: 24 Jan 2023 10:47

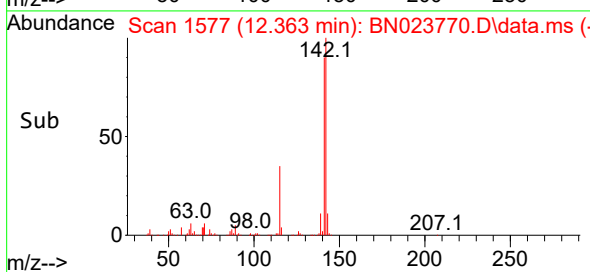
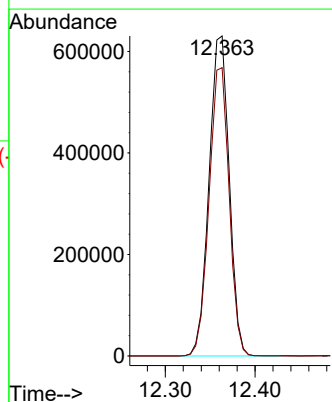
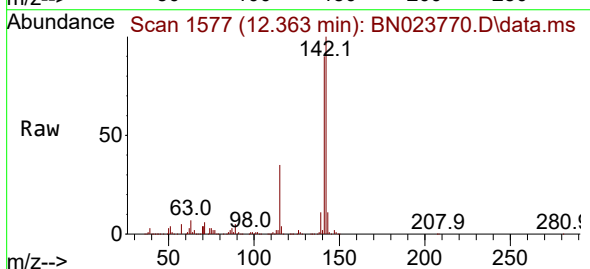
Instrument :
 BNA_N
 ClientSampleId :

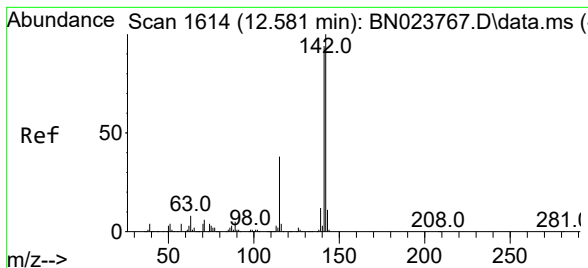
Tgt Ion:107 Resp: 513426
 Ion Ratio Lower Upper
 107 100
 144 27.2 21.9 32.9
 142 81.5 64.0 96.0



#36
 2-Methylnaphthalene
 Concen: 27.445 ng/ul
 RT: 12.363 min Scan# 1577
 Delta R.T. 0.006 min
 Lab File: BN023770.D
 Acq: 24 Jan 2023 10:47

Tgt Ion:142 Resp: 985282
 Ion Ratio Lower Upper
 142 100
 141 90.1 73.6 110.4





#37

1-Methylnaphthalene

Concen: 28.116 ng/ul

RT: 12.581 min Scan# 1614

Delta R.T. -0.000 min

Lab File: BN023770.D

Acq: 24 Jan 2023 10:47

Instrument :

BNA_N

ClientSampleId :

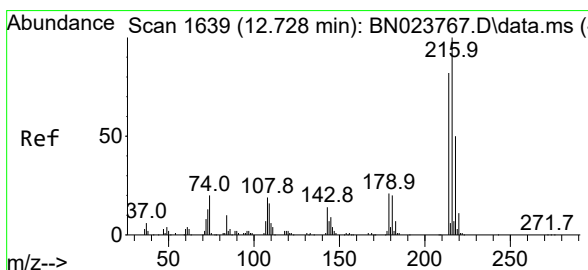
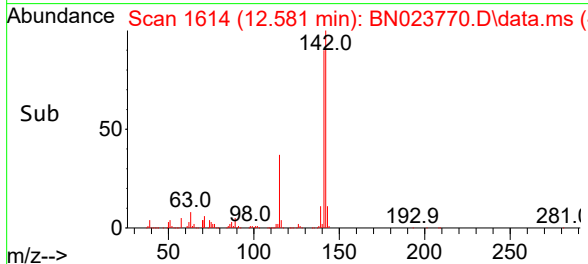
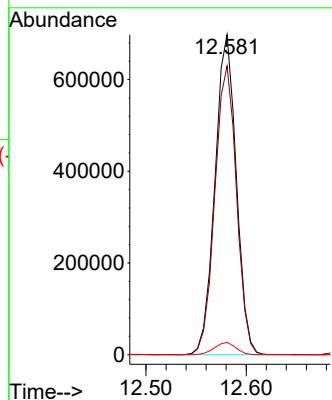
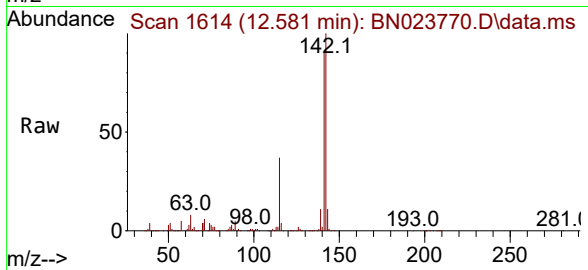
Tgt Ion:142 Resp: 1031247

Ion Ratio Lower Upper

142 100

141 90.2 73.8 110.6

116 3.8 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 27.224 ng/ul

RT: 12.728 min Scan# 1639

Delta R.T. -0.000 min

Lab File: BN023770.D

Acq: 24 Jan 2023 10:47

Tgt Ion:216 Resp: 488915

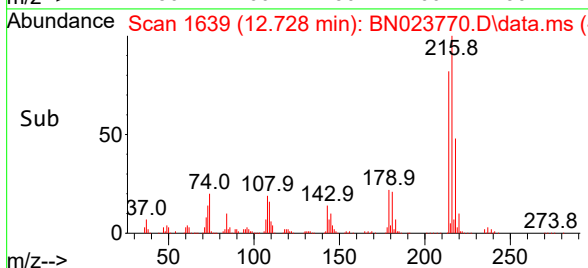
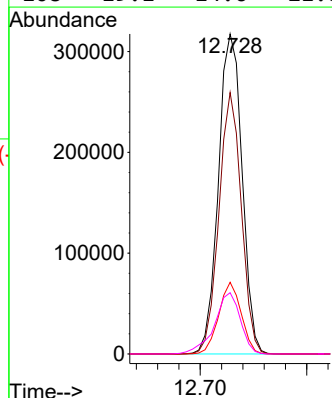
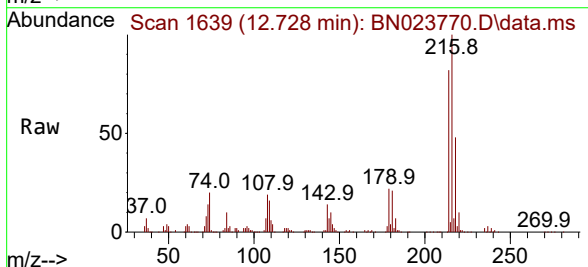
Ion Ratio Lower Upper

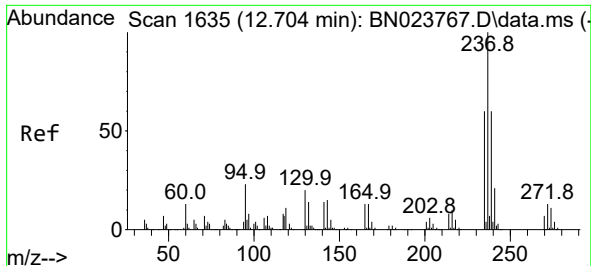
216 100

214 81.7 62.4 93.6

179 22.4 16.2 24.2

108 19.1 14.6 21.8

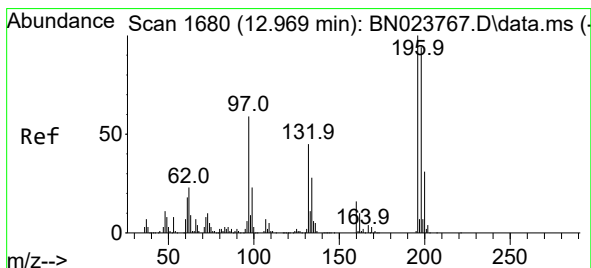
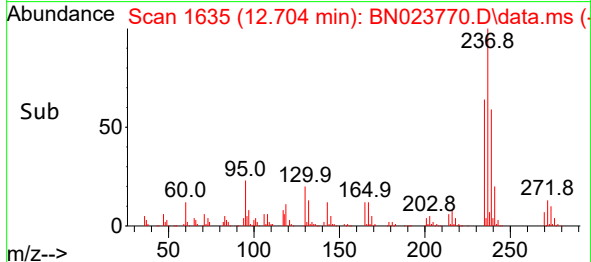
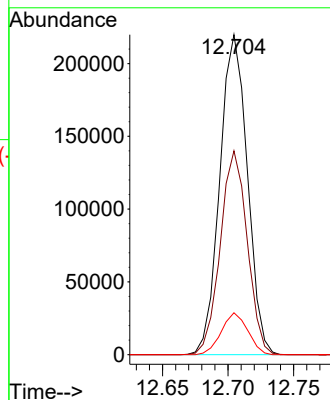
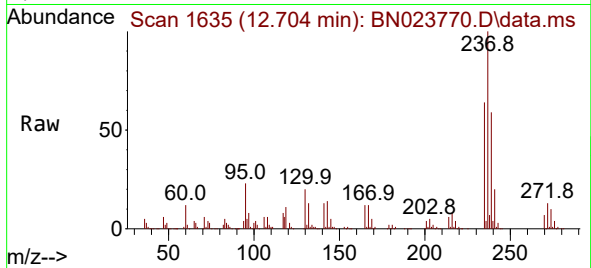




#40
Hexachlorocyclopentadiene
Concen: 28.366 ng/ul
RT: 12.704 min Scan# 1635
Delta R.T. -0.000 min
Lab File: BN023770.D
Acq: 24 Jan 2023 10:47

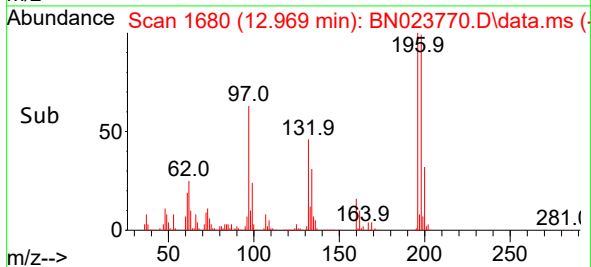
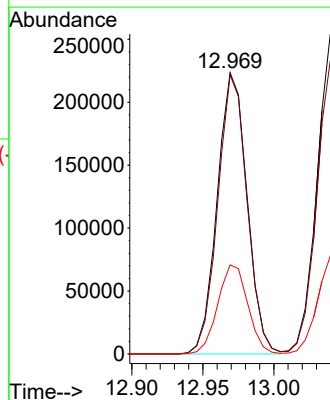
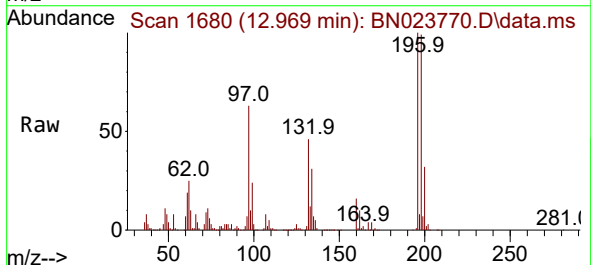
Instrument :
BNA_N
ClientSampleId :

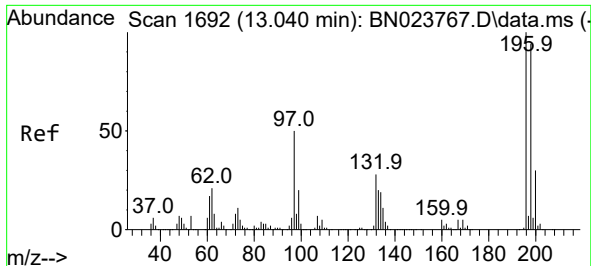
Tgt Ion:237 Resp: 321068
Ion Ratio Lower Upper
237 100
235 63.7 51.0 76.4
272 13.1 9.8 14.8



#41
2,4,6-Trichlorophenol
Concen: 27.616 ng/ul
RT: 12.969 min Scan# 1680
Delta R.T. -0.000 min
Lab File: BN023770.D
Acq: 24 Jan 2023 10:47

Tgt Ion:196 Resp: 326924
Ion Ratio Lower Upper
196 100
198 99.2 71.4 107.0
200 31.7 22.5 33.7

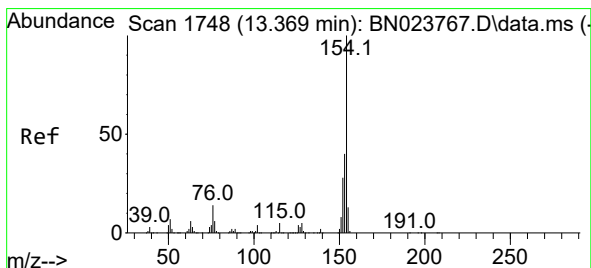
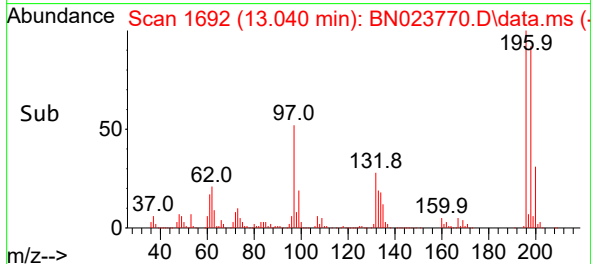
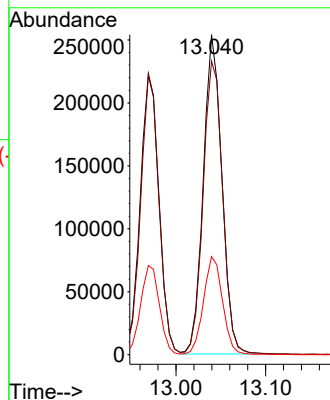
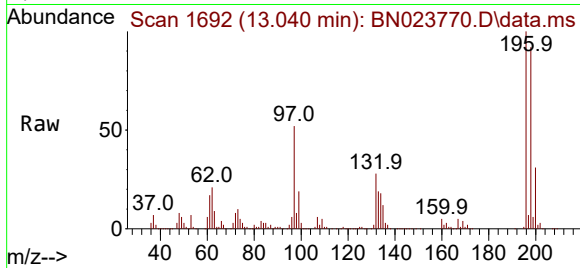




#42
2,4,5-Trichlorophenol
Concen: 28.248 ng/ul
RT: 13.040 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN023770.D
Acq: 24 Jan 2023 10:47

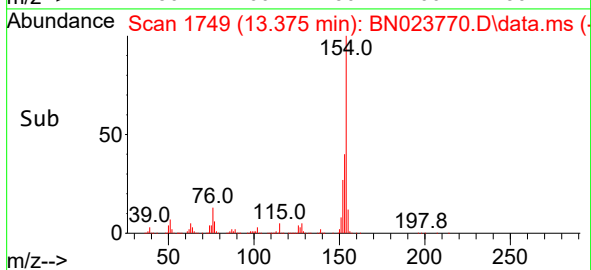
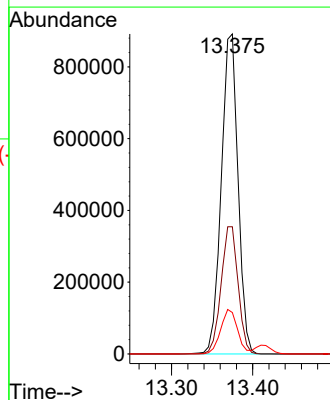
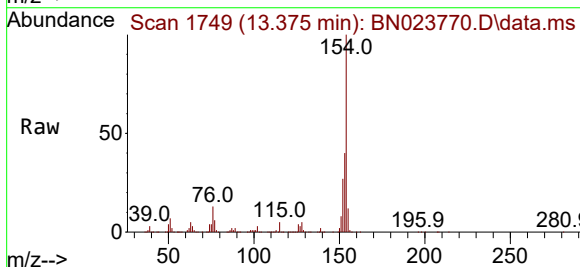
Instrument :
BNA_N
ClientSampleId :

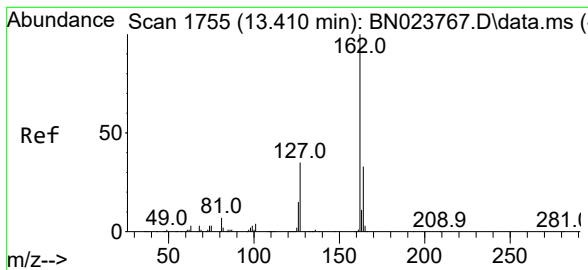
Tgt Ion:196 Resp: 365708
Ion Ratio Lower Upper
196 100
198 91.7 68.1 102.1
200 30.6 24.1 36.1



#43
1,1'-Biphenyl
Concen: 27.241 ng/ul
RT: 13.375 min Scan# 1749
Delta R.T. 0.006 min
Lab File: BN023770.D
Acq: 24 Jan 2023 10:47

Tgt Ion:154 Resp: 1276168
Ion Ratio Lower Upper
154 100
153 39.8 32.5 48.7
76 13.0 11.0 16.6

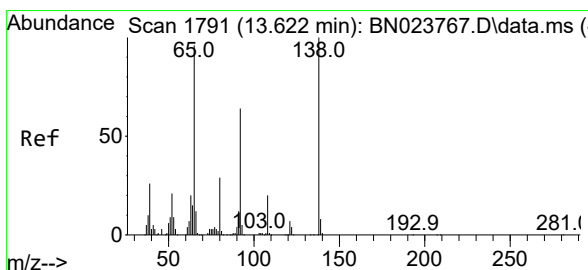
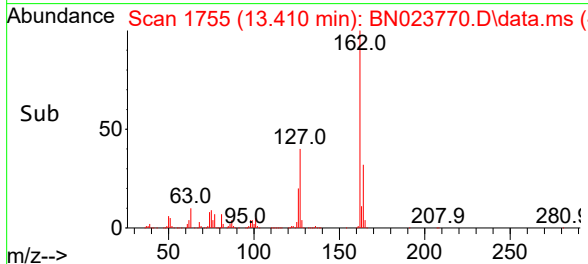
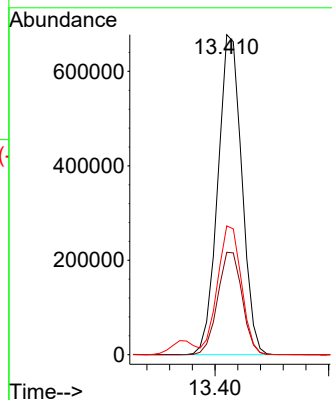
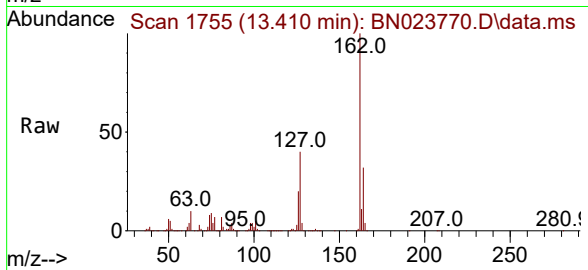




#44
2-Chloronaphthalene
Concen: 27.341 ng/ul
RT: 13.410 min Scan# 1755
Delta R.T. -0.000 min
Lab File: BN023770.D
Acq: 24 Jan 2023 10:47

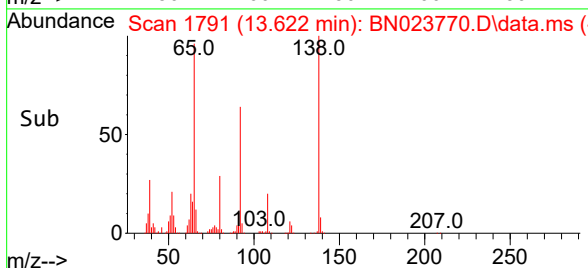
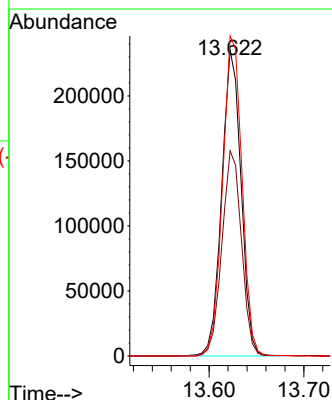
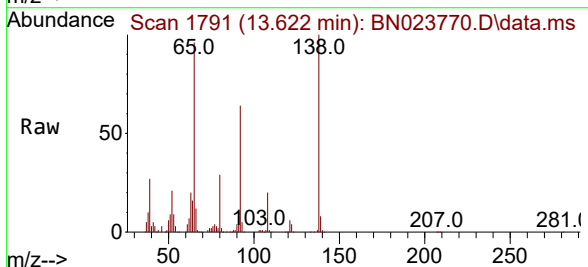
Instrument :
BNA_N
ClientSampleId :

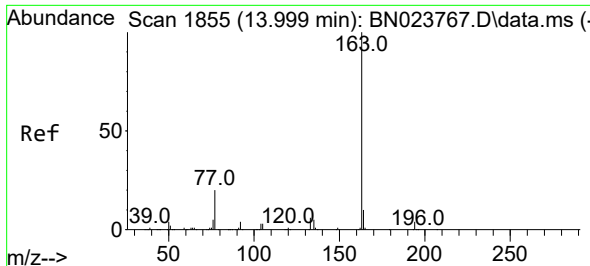
Tgt Ion:162 Resp: 993739
Ion Ratio Lower Upper
162 100
164 32.0 26.2 39.2
127 40.3 31.8 47.8



#45
2-Nitroaniline
Concen: 33.318 ng/ul
RT: 13.622 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BN023770.D
Acq: 24 Jan 2023 10:47

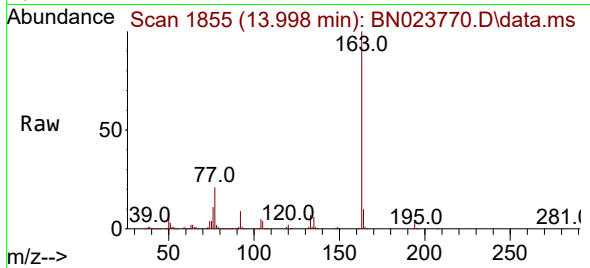
Tgt Ion: 65 Resp: 333950
Ion Ratio Lower Upper
65 100
92 67.1 53.5 80.3
138 104.6 84.0 126.0



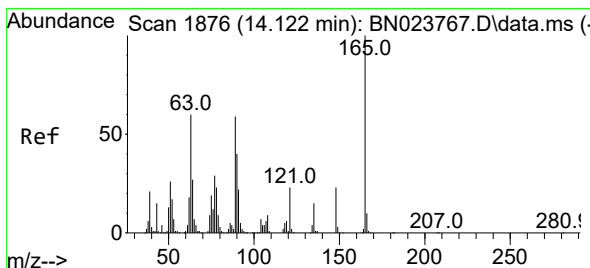
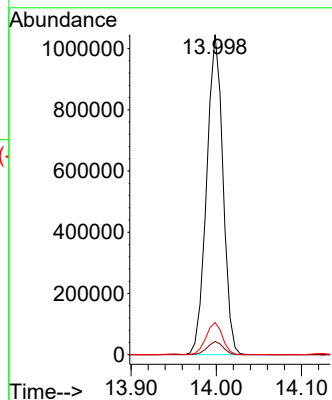
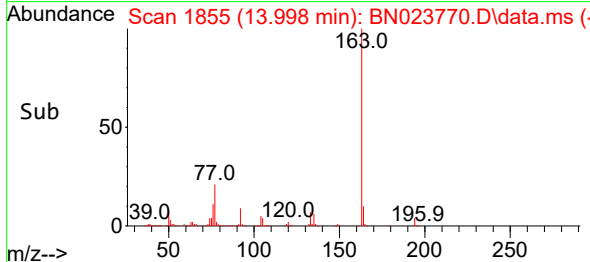


#47
Dimethylphthalate
Concen: 30.568 ng/ul
RT: 13.998 min Scan# 1855
Delta R.T. -0.000 min
Lab File: BN023770.D
Acq: 24 Jan 2023 10:47

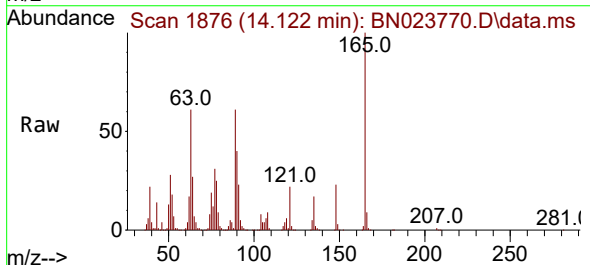
Instrument :
BNA_N
ClientSampleId :



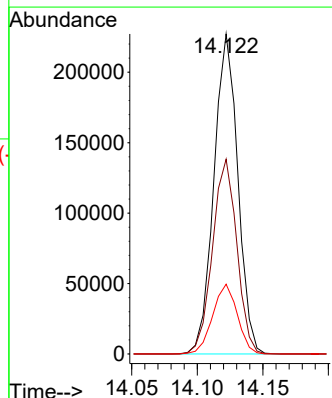
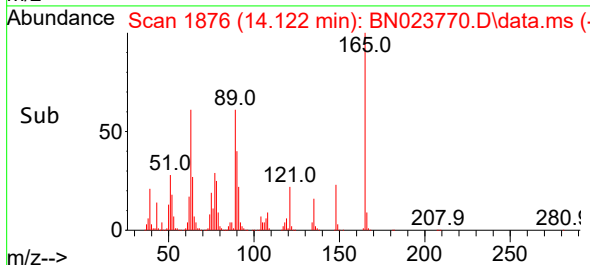
Tgt Ion:163 Resp: 1387497
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.1 7.9 11.9

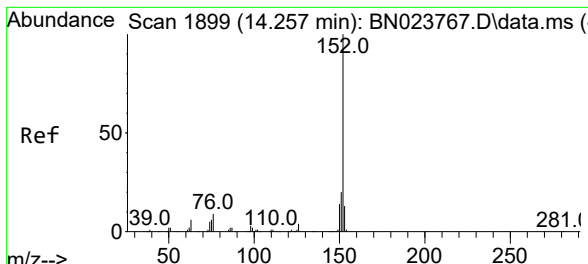


#48
2,6-Dinitrotoluene
Concen: 33.516 ng/ul
RT: 14.122 min Scan# 1876
Delta R.T. -0.000 min
Lab File: BN023770.D
Acq: 24 Jan 2023 10:47



Tgt Ion:165 Resp: 287594
Ion Ratio Lower Upper
165 100
89 60.8 49.9 74.9
121 21.8 19.1 28.7



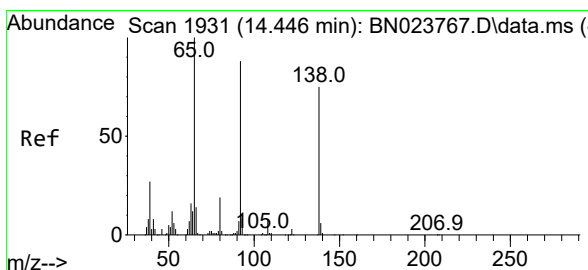
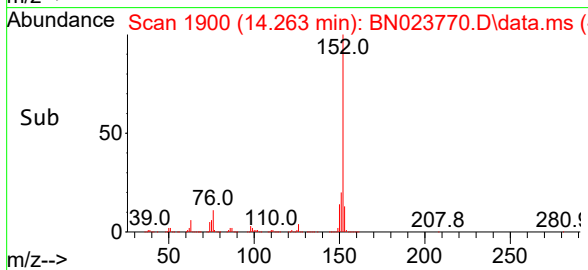
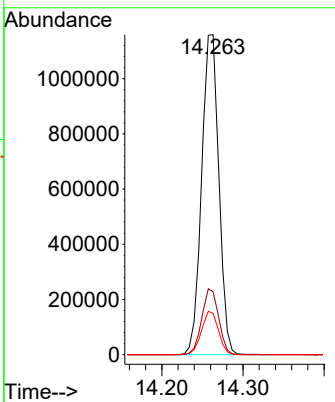
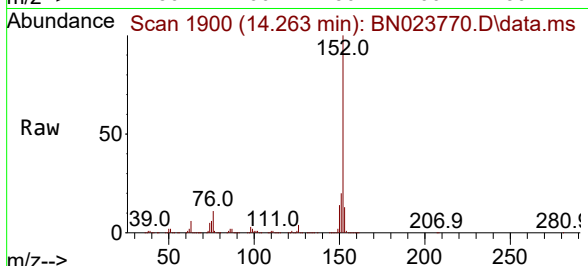


#50
 Acenaphthylene
 Concen: 30.636 ng/ul
 RT: 14.263 min Scan# 1900
 Delta R.T. 0.006 min
 Lab File: BN023770.D
 Acq: 24 Jan 2023 10:47

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:152 Resp: 1704898

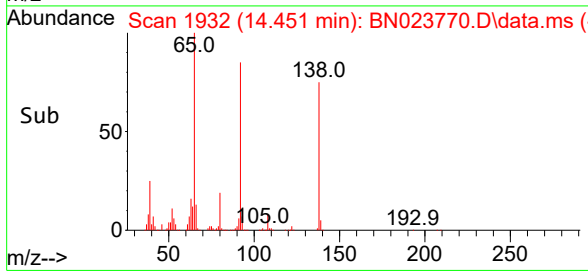
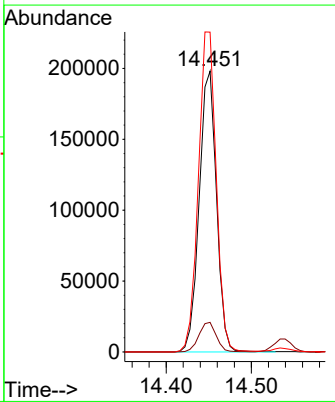
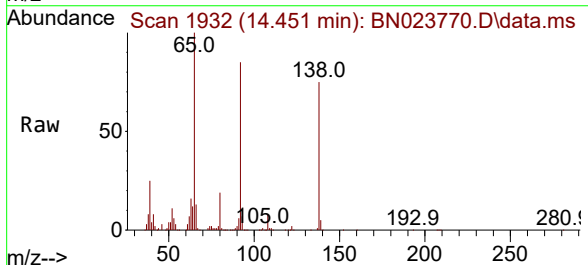
Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.8
153	12.9	10.2	15.4

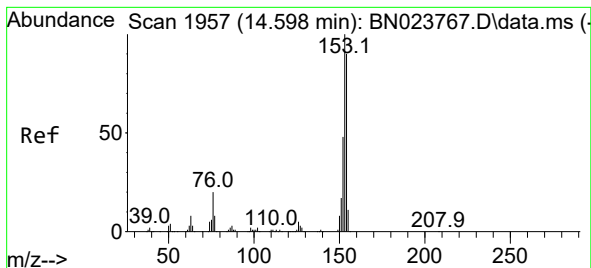


#51
 3-Nitroaniline
 Concen: 32.526 ng/ul
 RT: 14.451 min Scan# 1932
 Delta R.T. 0.006 min
 Lab File: BN023770.D
 Acq: 24 Jan 2023 10:47

Tgt Ion:138 Resp: 279692

Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.1	12.1
92	113.9	93.2	139.8





#52

Acenaphthene

Concen: 29.908 ng/ul

RT: 14.604 min Scan# 1958

Delta R.T. 0.006 min

Lab File: BN023770.D

Acq: 24 Jan 2023 10:47

Instrument :

BNA_N

ClientSampleId :

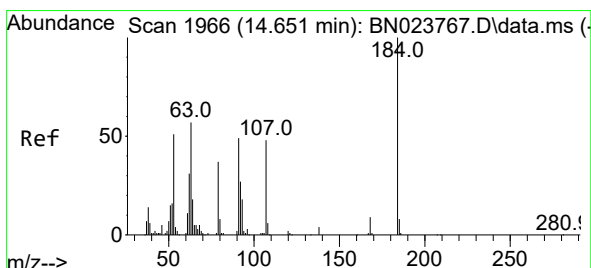
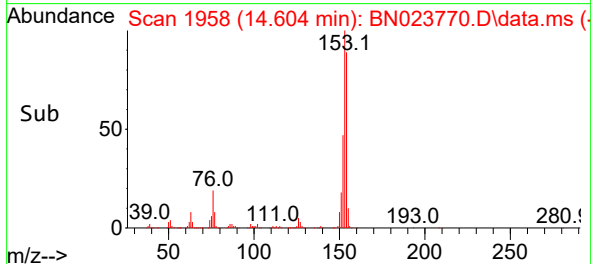
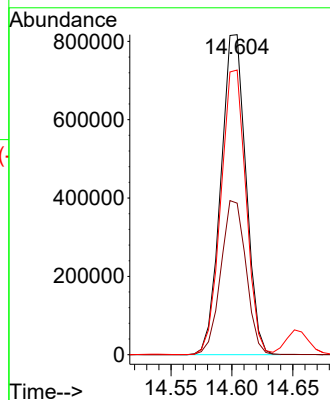
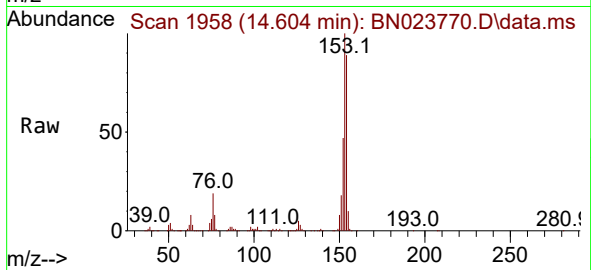
Tgt Ion:153 Resp: 1173447

Ion Ratio Lower Upper

153 100

152 47.4 38.5 57.7

154 88.9 71.5 107.3



#53

2,4-Dinitrophenol

Concen: 24.614 ng/ul

RT: 14.651 min Scan# 1966

Delta R.T. -0.000 min

Lab File: BN023770.D

Acq: 24 Jan 2023 10:47

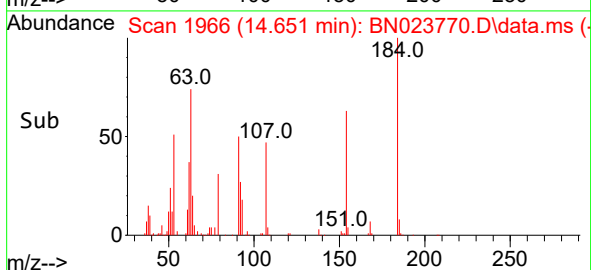
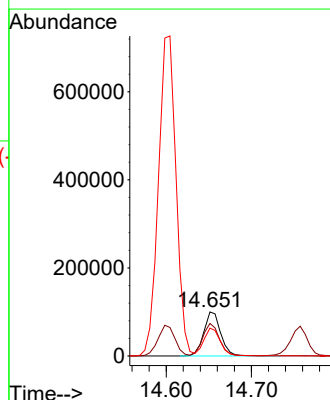
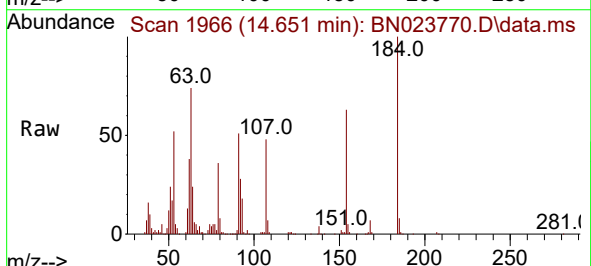
Tgt Ion:184 Resp: 138041

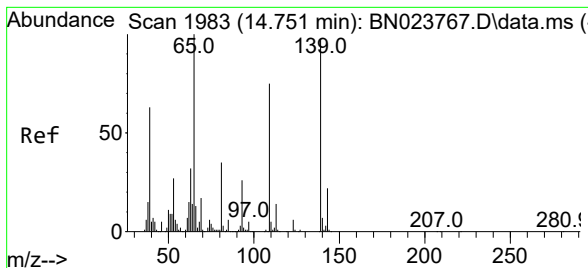
Ion Ratio Lower Upper

184 100

63 74.1 58.2 87.4

154 63.3 49.4 74.0

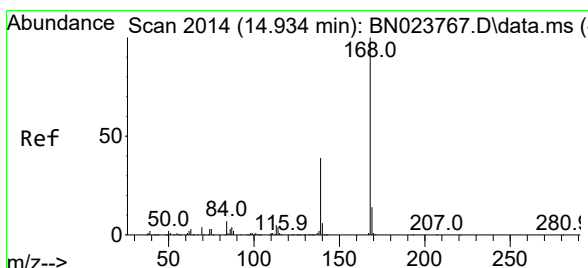
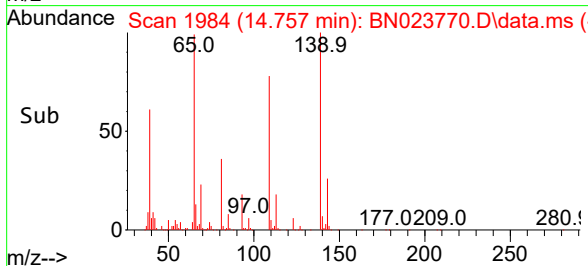
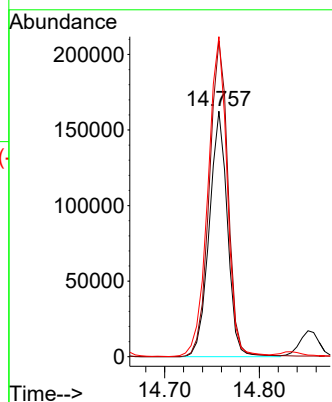
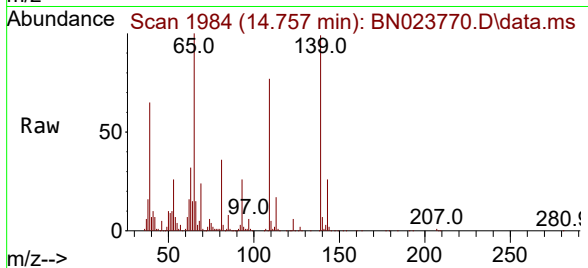




#55
4-Nitrophenol
Concen: 29.147 ng/ul
RT: 14.757 min Scan# 1983
Delta R.T. 0.006 min
Lab File: BN023770.D
Acq: 24 Jan 2023 10:47

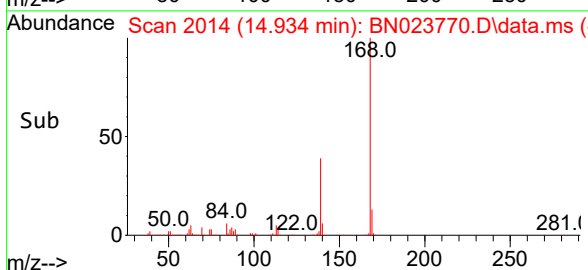
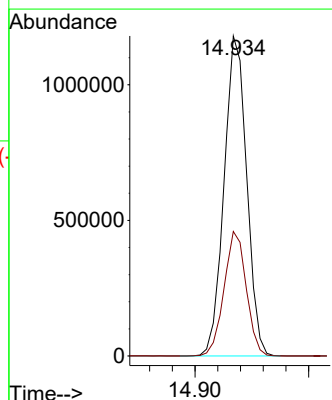
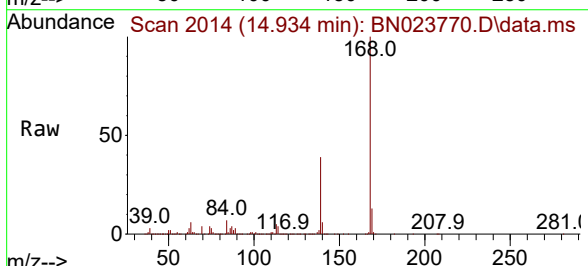
Instrument :
BNA_N
ClientSampleId :

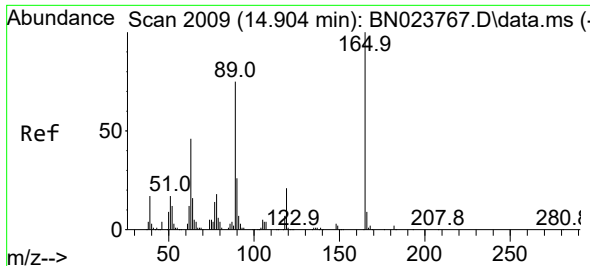
Tgt Ion:109 Resp: 216458
Ion Ratio Lower Upper
109 100
139 128.7 104.8 157.2
65 130.4 107.3 160.9



#56
Dibenzofuran
Concen: 29.838 ng/ul
RT: 14.934 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BN023770.D
Acq: 24 Jan 2023 10:47

Tgt Ion:168 Resp: 1629514
Ion Ratio Lower Upper
168 100
139 38.9 29.6 44.4





#57

2,4-Dinitrotoluene

Concen: 32.800 ng/ul

RT: 14.904 min Scan# 2009

Delta R.T. -0.000 min

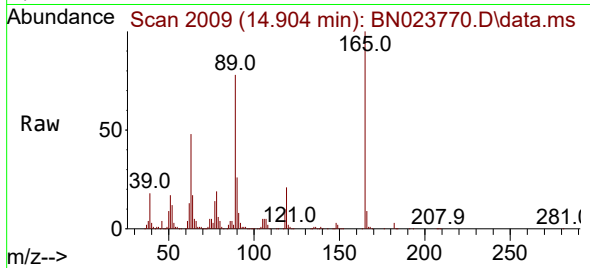
Lab File: BN023770.D

Acq: 24 Jan 2023 10:47

Instrument :

BNA_N

ClientSampleId :



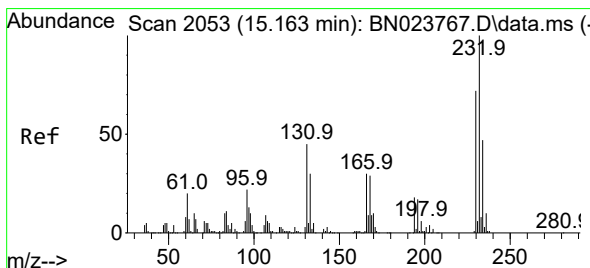
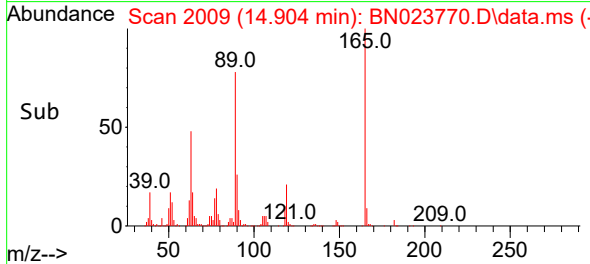
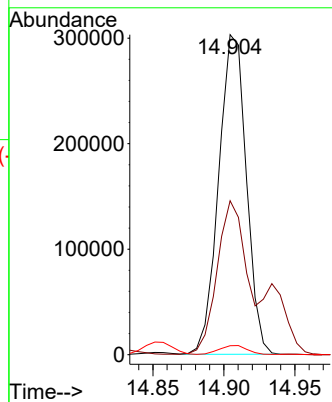
Tgt Ion:165 Resp: 410880

Ion Ratio Lower Upper

165 100

63 48.1 37.2 55.8

182 2.8 2.2 3.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 30.724 ng/ul

RT: 15.163 min Scan# 2053

Delta R.T. -0.000 min

Lab File: BN023770.D

Acq: 24 Jan 2023 10:47

Tgt Ion:232 Resp: 340837

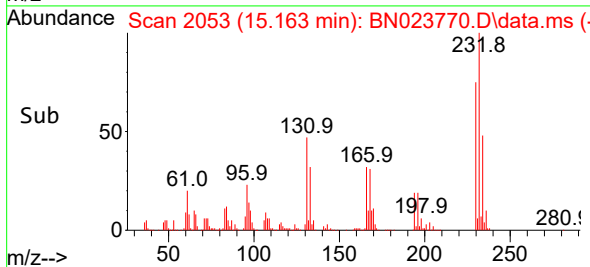
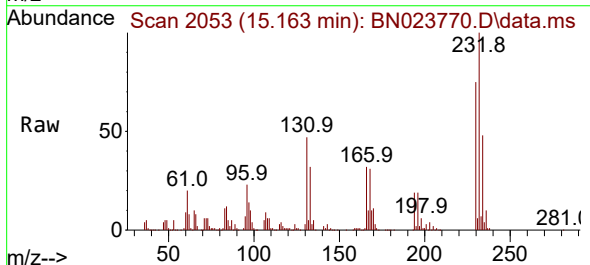
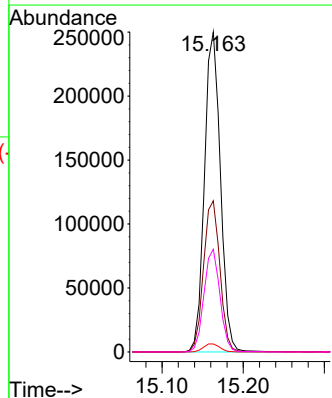
Ion Ratio Lower Upper

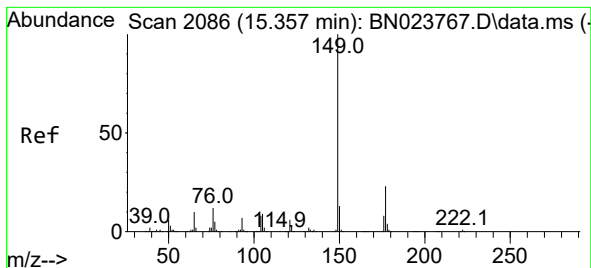
232 100

131 47.3 39.5 59.3

130 2.5 2.2 3.4

166 32.1 25.1 37.7





#59

Diethylphthalate

Concen: 30.714 ng/ul

RT: 15.363 min Scan# 2087

Delta R.T. 0.006 min

Lab File: BN023770.D

Acq: 24 Jan 2023 10:47

Instrument :

BNA_N

ClientSampleId :

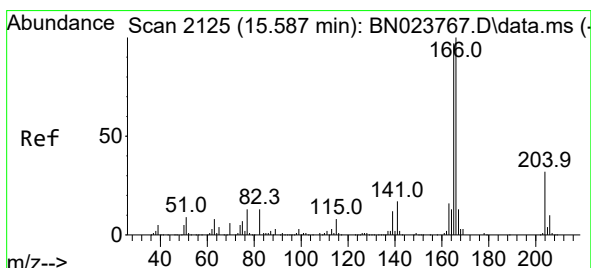
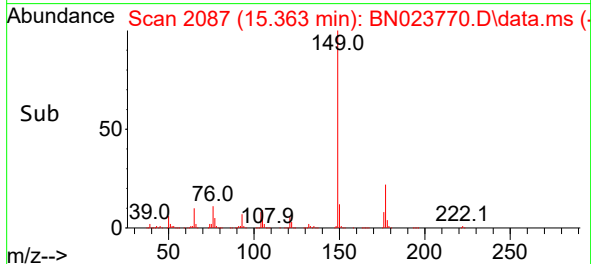
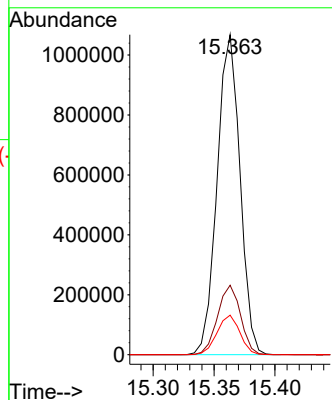
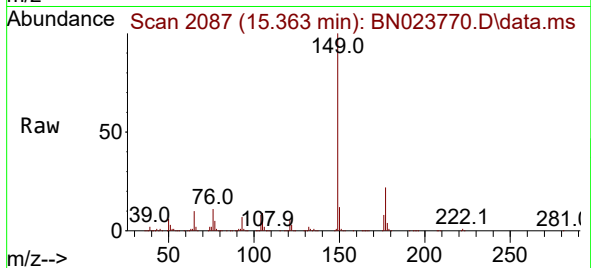
Tgt Ion:149 Resp: 1396498

Ion Ratio Lower Upper

149 100

177 21.7 17.9 26.9

150 12.3 9.9 14.9



#61

Fluorene

Concen: 29.392 ng/ul

RT: 15.587 min Scan# 2125

Delta R.T. -0.000 min

Lab File: BN023770.D

Acq: 24 Jan 2023 10:47

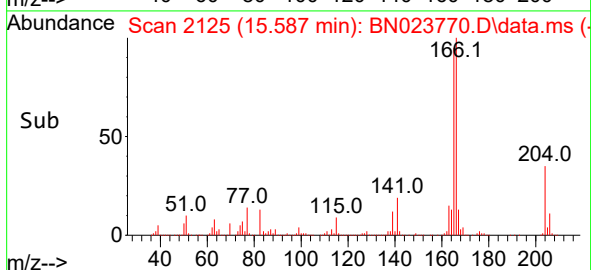
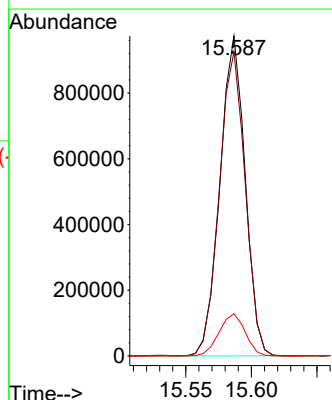
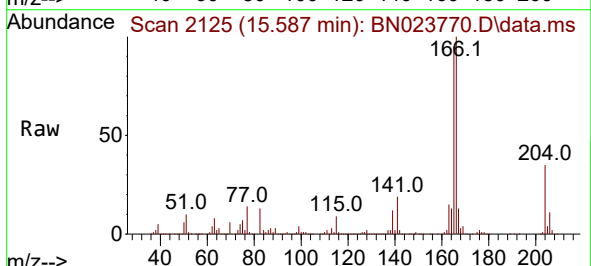
Tgt Ion:166 Resp: 1299815

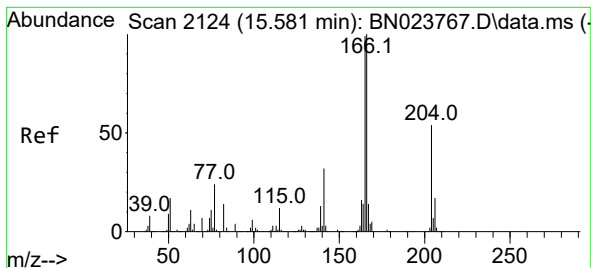
Ion Ratio Lower Upper

166 100

165 95.2 77.8 116.6

167 13.2 10.4 15.6

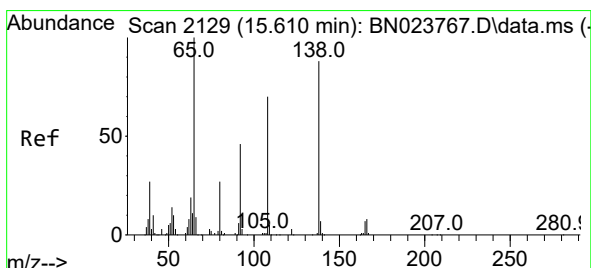
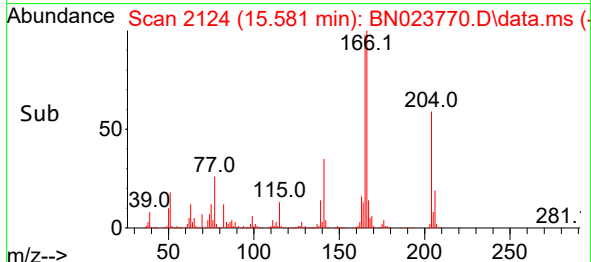
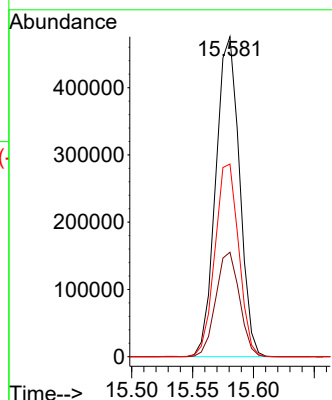
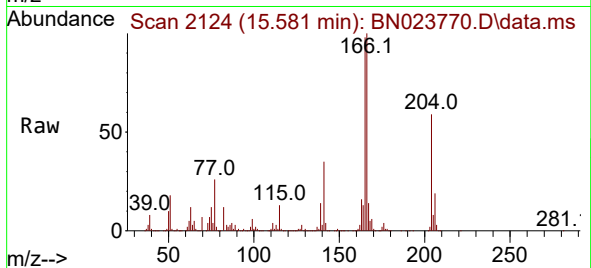




#62
4-Chlorophenyl-phenylether
Concen: 29.952 ng/ul
RT: 15.581 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BN023770.D
Acq: 24 Jan 2023 10:47

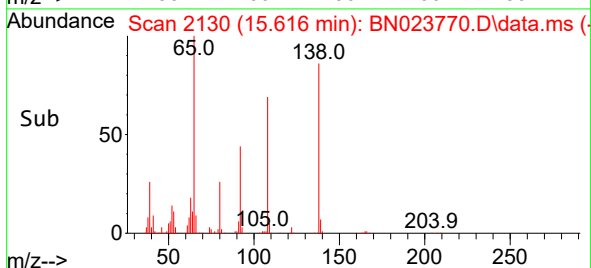
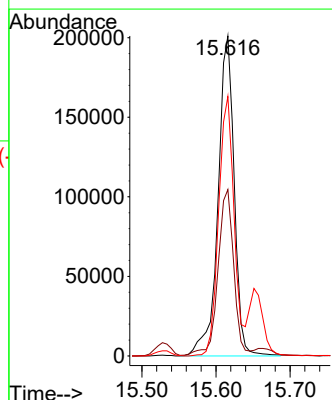
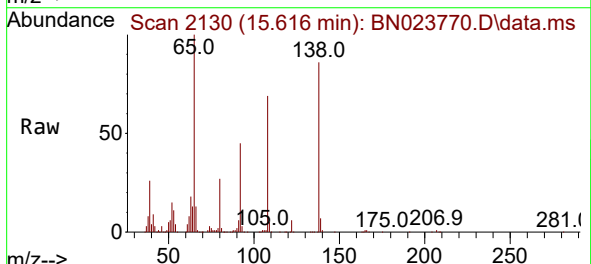
Instrument :
BNA_N
ClientSampleId :

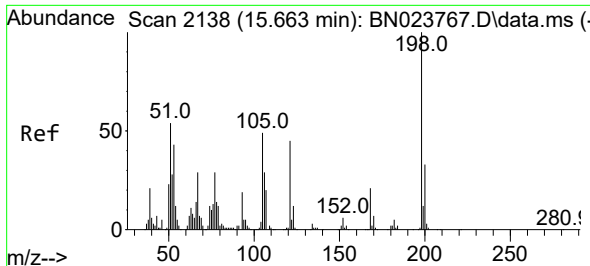
Tgt Ion:204 Resp: 644843
Ion Ratio Lower Upper
204 100
206 32.7 27.0 40.6
141 60.2 51.0 76.4



#63
4-Nitroaniline
Concen: 38.640 ng/ul
RT: 15.616 min Scan# 2130
Delta R.T. 0.006 min
Lab File: BN023770.D
Acq: 24 Jan 2023 10:47

Tgt Ion:138 Resp: 305912
Ion Ratio Lower Upper
138 100
92 52.0 41.3 61.9
108 81.1 64.2 96.2

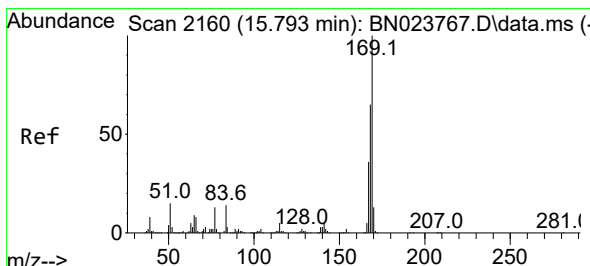
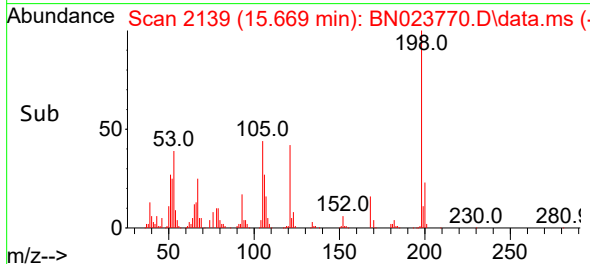
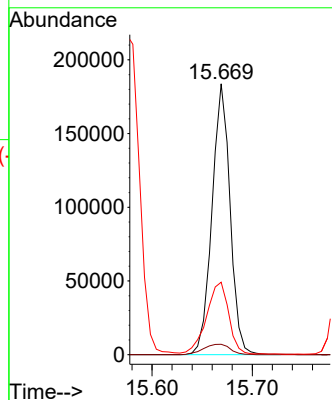
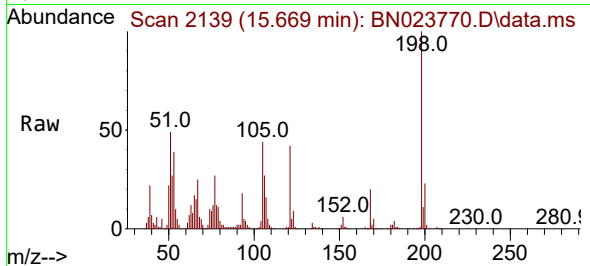




#66
4,6-Dinitro-2-methylphenol
Concen: 30.458 ng/ul
RT: 15.669 min Scan# 2138
Delta R.T. 0.006 min
Lab File: BN023770.D
Acq: 24 Jan 2023 10:47

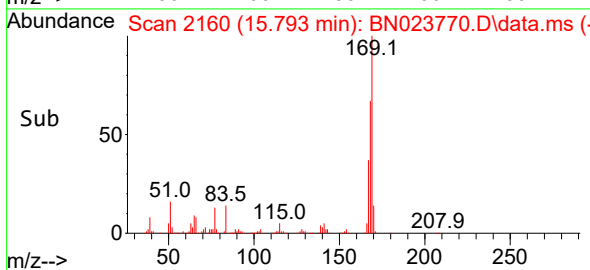
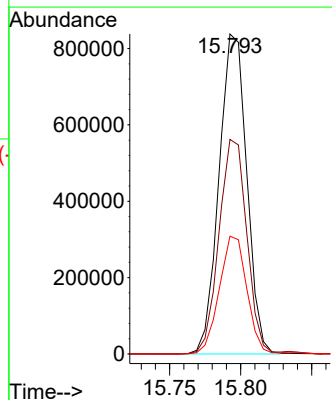
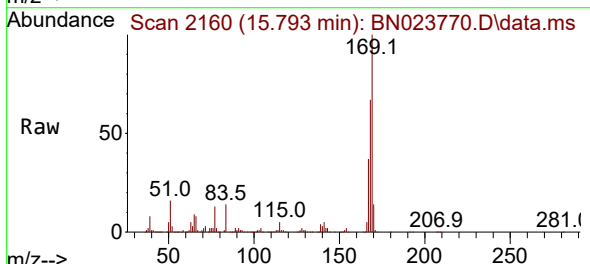
Instrument :
BNA_N
ClientSampleId :

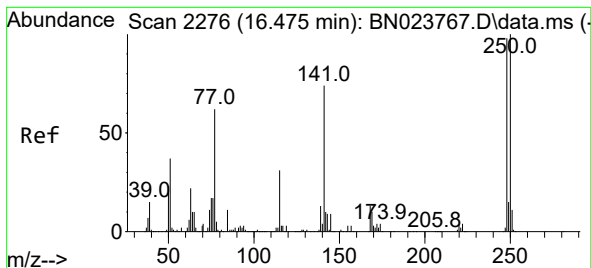
Tgt Ion:198 Resp: 230529
Ion Ratio Lower Upper
198 100
182 3.8 3.6 5.4
77 26.7 21.2 31.8



#67
N-Nitrosodiphenylamine
Concen: 31.883 ng/ul
RT: 15.793 min Scan# 2160
Delta R.T. -0.000 min
Lab File: BN023770.D
Acq: 24 Jan 2023 10:47

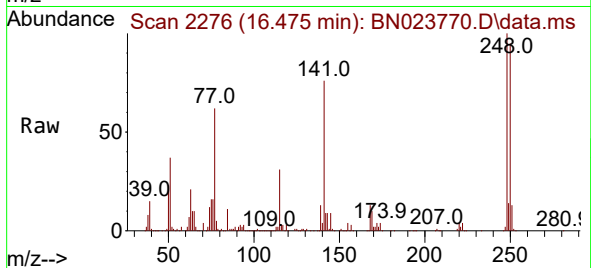
Tgt Ion:169 Resp: 1137553
Ion Ratio Lower Upper
169 100
168 67.1 53.4 80.2
167 36.8 29.0 43.4



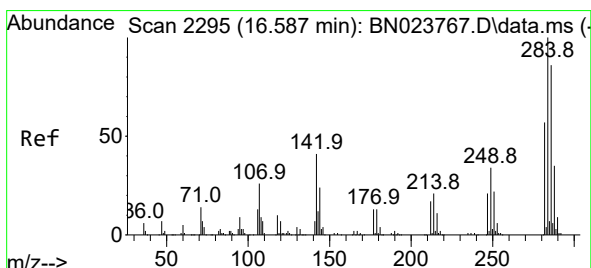
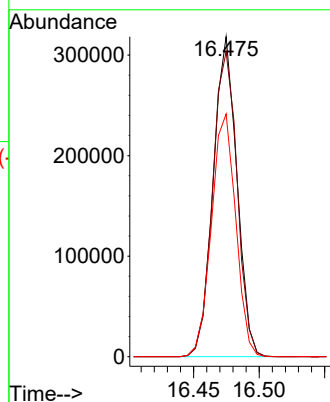
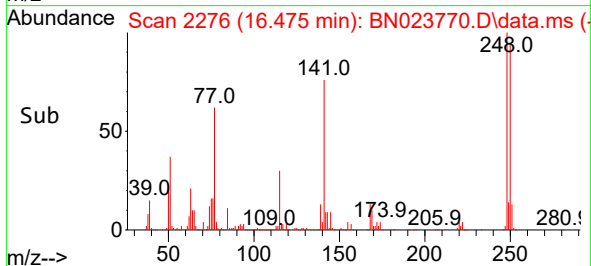


#68
4-Bromophenyl-phenylether
Concen: 31.373 ng/ul
RT: 16.475 min Scan# 2276
Delta R.T. -0.000 min
Lab File: BN023770.D
Acq: 24 Jan 2023 10:47

Instrument :
BNA_N
ClientSampleId :

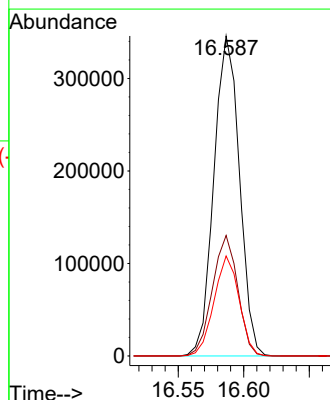
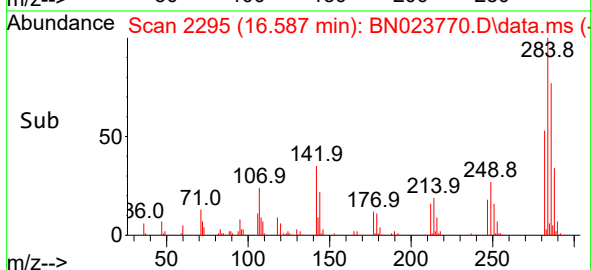
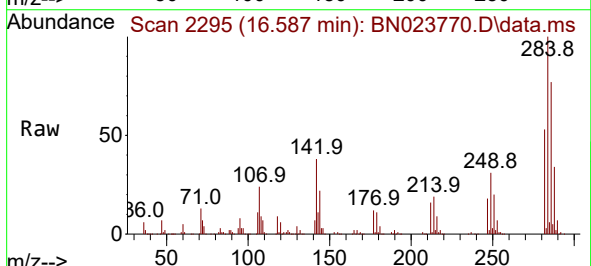


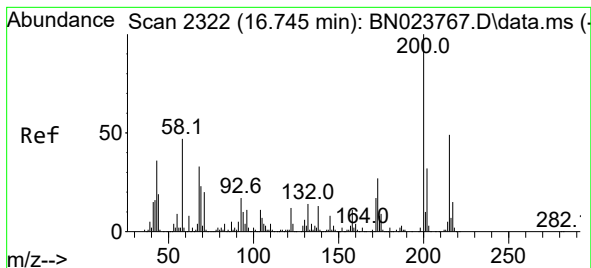
Tgt Ion:248 Resp: 399797
Ion Ratio Lower Upper
248 100
250 95.3 76.4 114.6
141 75.9 58.0 87.0



#69
Hexachlorobenzene
Concen: 31.352 ng/ul
RT: 16.587 min Scan# 2295
Delta R.T. -0.000 min
Lab File: BN023770.D
Acq: 24 Jan 2023 10:47

Tgt Ion:284 Resp: 468194
Ion Ratio Lower Upper
284 100
142 37.7 28.9 43.3
249 31.3 24.2 36.2





#70

Atrazine

Concen: 30.956 ng/ul

RT: 16.751 min Scan# 21

Delta R.T. 0.006 min

Lab File: BN023770.D

Acq: 24 Jan 2023 10:47

Instrument :

BNA_N

ClientSampleId :

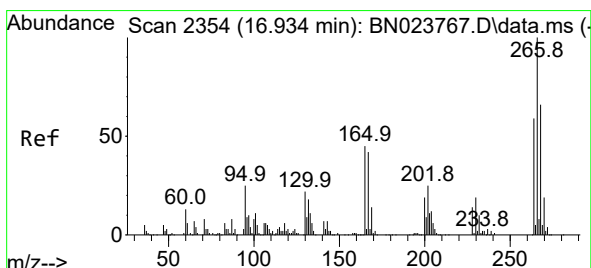
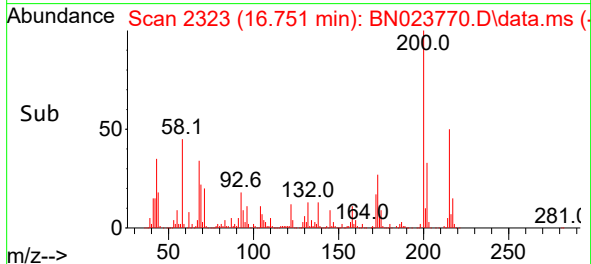
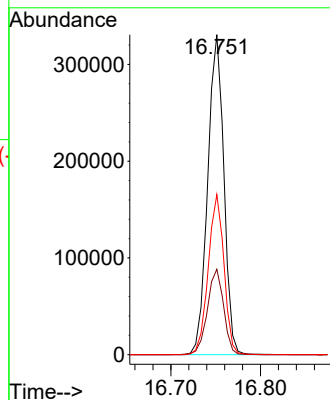
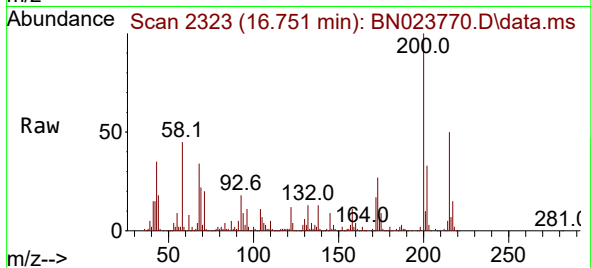
Tgt Ion:200 Resp: 413363

Ion Ratio Lower Upper

200 100

173 26.7 21.4 32.2

215 50.0 39.0 58.6



#71

Pentachlorophenol

Concen: 29.707 ng/ul

RT: 16.934 min Scan# 2354

Delta R.T. -0.000 min

Lab File: BN023770.D

Acq: 24 Jan 2023 10:47

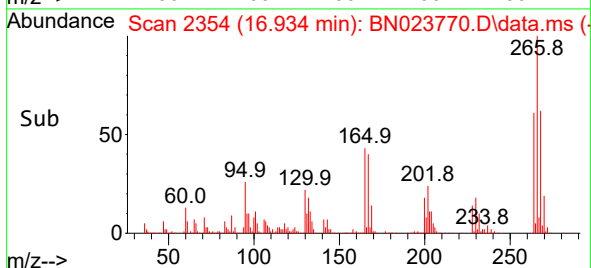
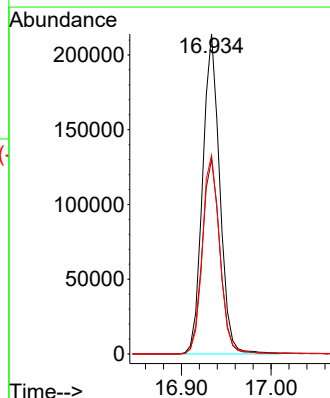
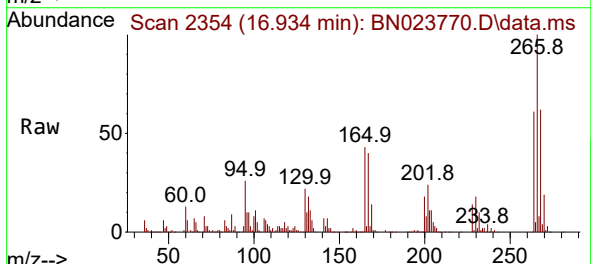
Tgt Ion:266 Resp: 283132

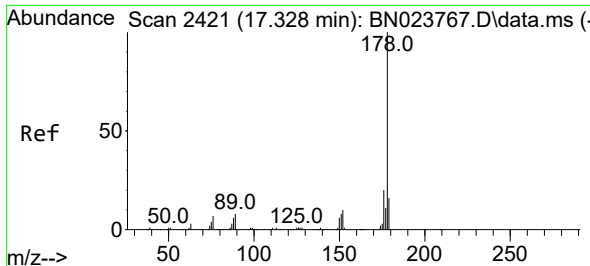
Ion Ratio Lower Upper

266 100

264 60.8 51.4 77.0

268 62.1 54.5 81.7

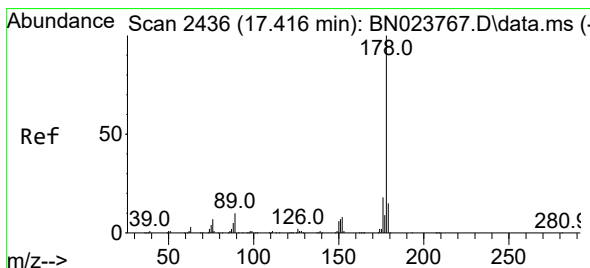
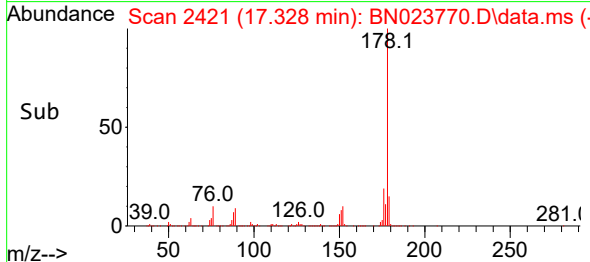
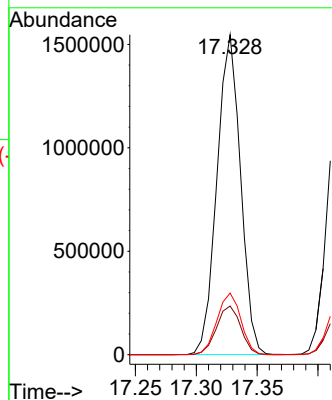
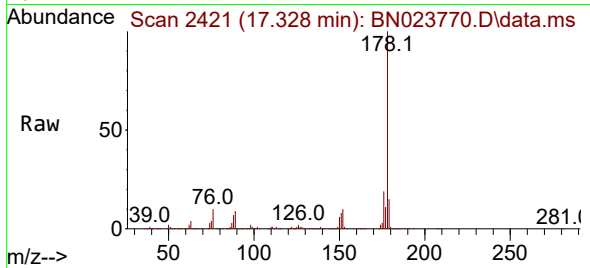




#72
Phenanthrene
Concen: 30.581 ng/ul
RT: 17.328 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BN023770.D
Acq: 24 Jan 2023 10:47

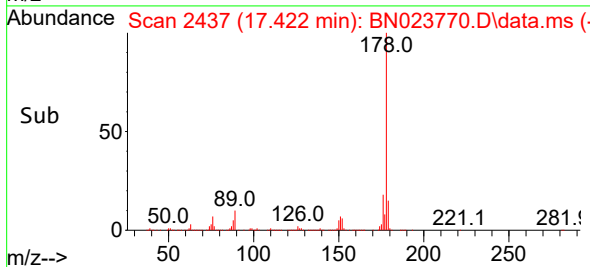
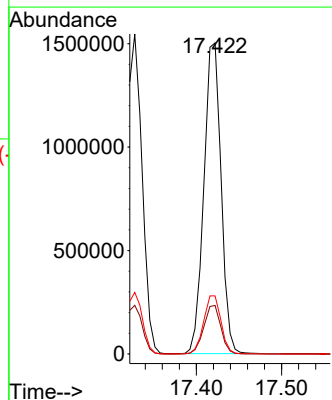
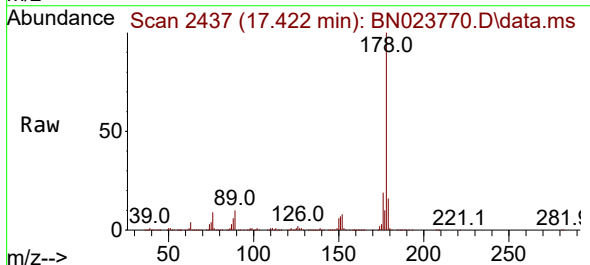
Instrument :
BNA_N
ClientSampleId :

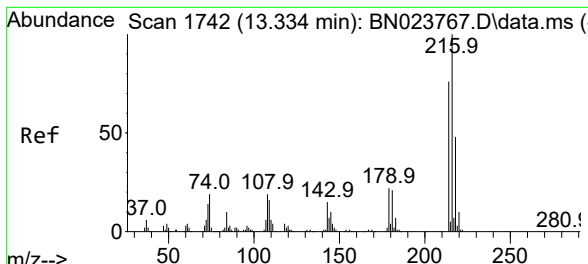
Tgt Ion:178 Resp: 2083230
Ion Ratio Lower Upper
178 100
179 15.2 12.3 18.5
176 19.3 15.2 22.8



#74
Anthracene
Concen: 31.101 ng/ul
RT: 17.422 min Scan# 2437
Delta R.T. 0.006 min
Lab File: BN023770.D
Acq: 24 Jan 2023 10:47

Tgt Ion:178 Resp: 2108589
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 18.7 15.1 22.7

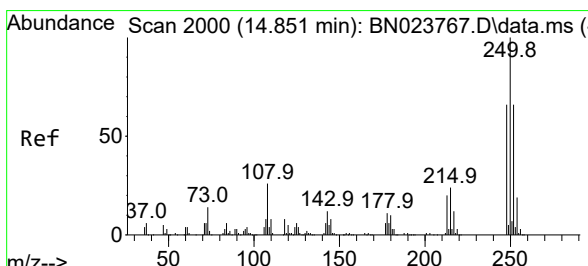
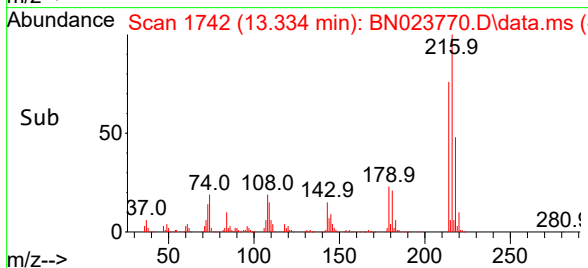
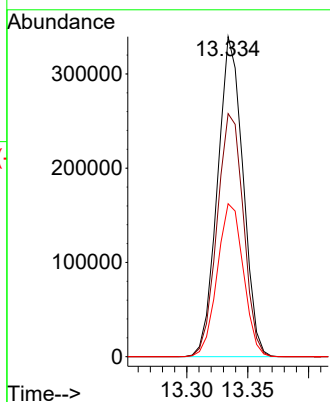
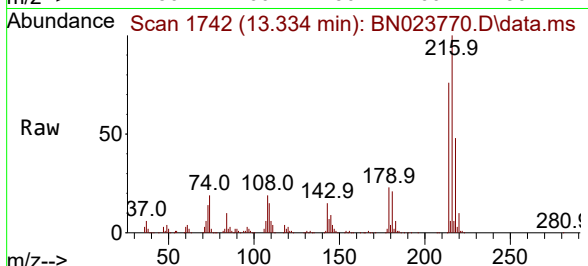




#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 28.870 ng/uL
 RT: 13.334 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN023770.D
 Acq: 24 Jan 2023 10:47

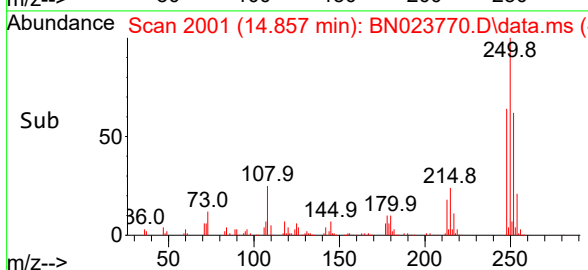
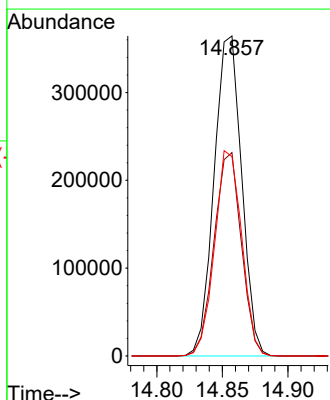
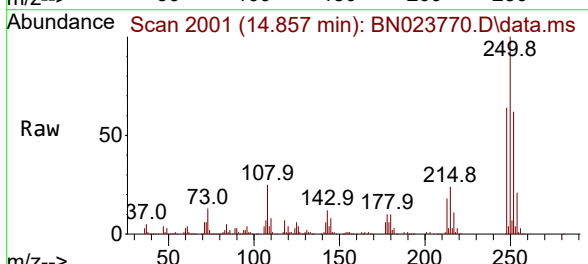
Instrument :
 BNA_N
 ClientSampleId :

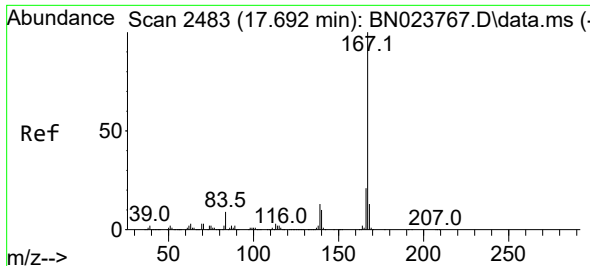
Tgt Ion:	216	Resp:	494155
Ion Ratio	Lower	Upper	
216	100		
214	75.9	61.0	91.4
218	47.8	39.8	59.8



#76
 Pentachlorobenzene
 Concen: 31.072 ng/uL
 RT: 14.857 min Scan# 2001
 Delta R.T. 0.006 min
 Lab File: BN023770.D
 Acq: 24 Jan 2023 10:47

Tgt Ion:	250	Resp:	532742
Ion Ratio	Lower	Upper	
250	100		
248	63.6	50.3	75.5
252	62.3	48.9	73.3



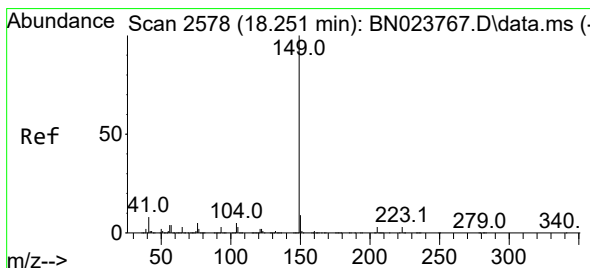
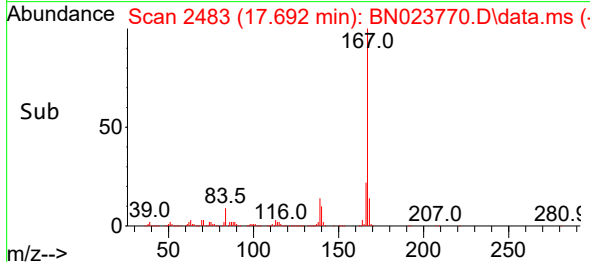
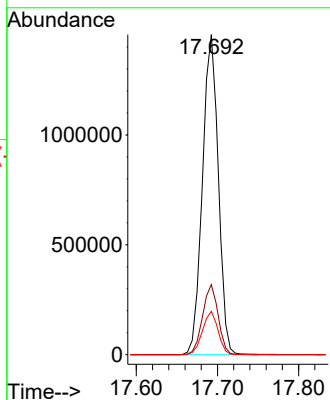
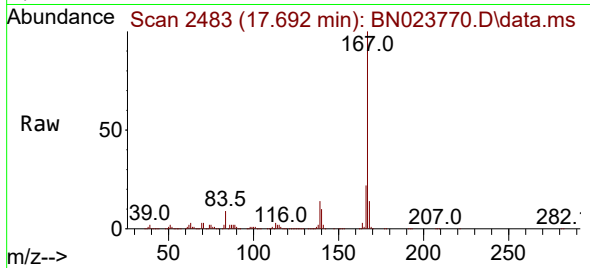


#77
 Carbazole
 Concen: 32.074 ng/ul
 RT: 17.692 min Scan# 2483
 Delta R.T. -0.000 min
 Lab File: BN023770.D
 Acq: 24 Jan 2023 10:47

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:167 Resp: 1974477

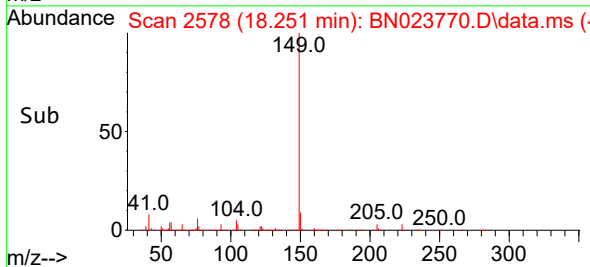
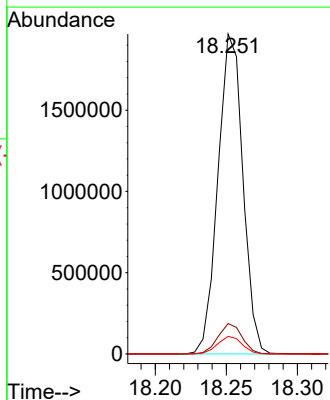
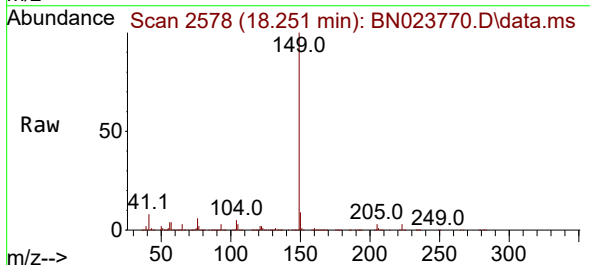
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.2
139	13.6	11.0	16.6

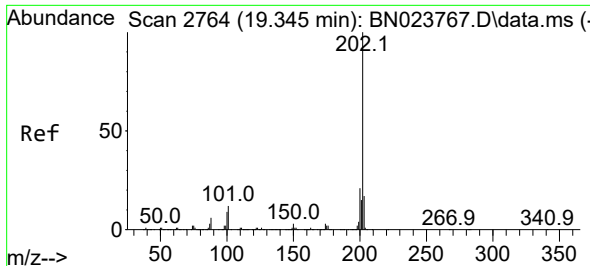


#78
 Di-n-butylphthalate
 Concen: 32.869 ng/ul
 RT: 18.251 min Scan# 2578
 Delta R.T. -0.000 min
 Lab File: BN023770.D
 Acq: 24 Jan 2023 10:47

Tgt Ion:149 Resp: 2402367

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.2
104	5.5	4.3	6.5

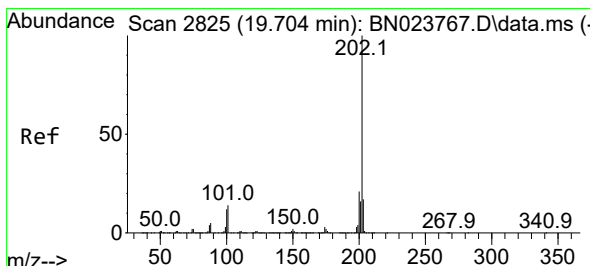
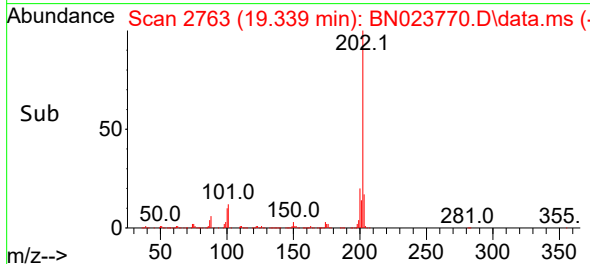
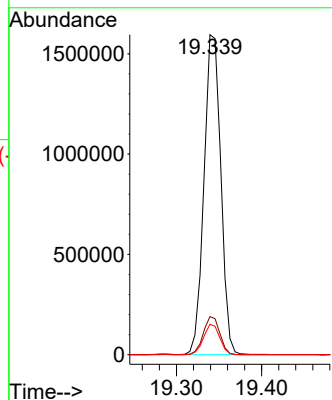
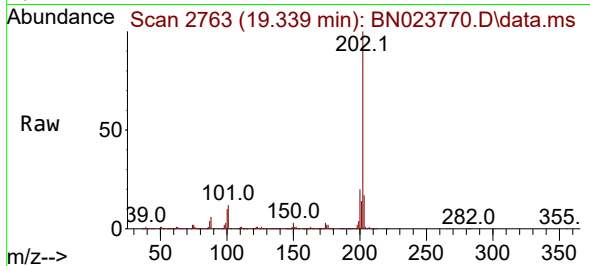




#80
Fluoranthene
Concen: 31.150 ng/ul
RT: 19.339 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN023770.D
Acq: 24 Jan 2023 10:47

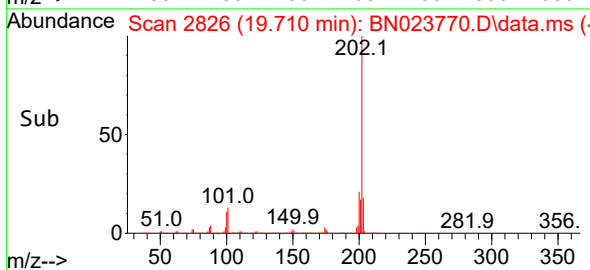
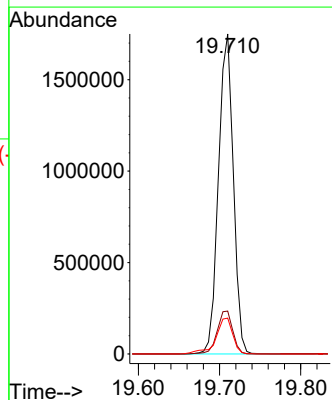
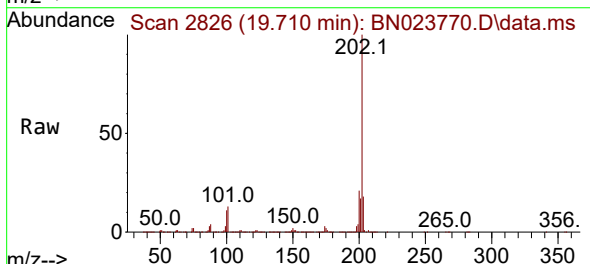
Instrument :
BNA_N
ClientSampleId :

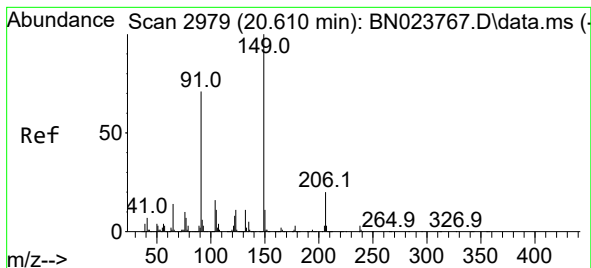
Tgt Ion:202 Resp: 2189399
Ion Ratio Lower Upper
202 100
101 11.9 9.5 14.3
100 9.5 7.3 10.9



#82
Pyrene
Concen: 30.103 ng/ul
RT: 19.710 min Scan# 2826
Delta R.T. 0.006 min
Lab File: BN023770.D
Acq: 24 Jan 2023 10:47

Tgt Ion:202 Resp: 2234839
Ion Ratio Lower Upper
202 100
101 13.4 10.9 16.3
100 11.2 8.9 13.3





#83

Butylbenzylphthalate

Concen: 33.987 ng/ul

RT: 20.604 min Scan# 2978

Delta R.T. -0.006 min

Lab File: BN023770.D

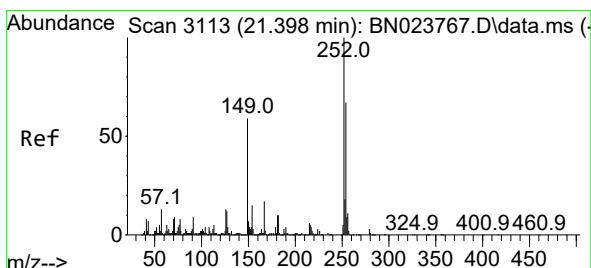
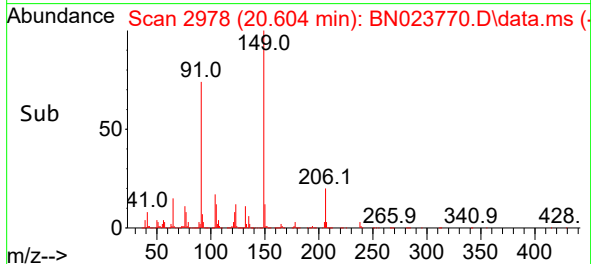
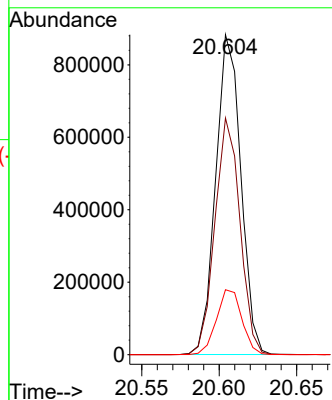
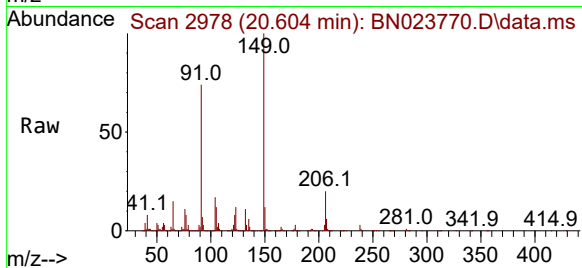
Acq: 24 Jan 2023 10:47

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:	149	Resp:	998930
Ion Ratio	Lower	Upper	
149	100		
91	74.0	57.9	86.9
206	20.3	16.8	25.2



#84

3,3'-Dichlorobenzidine

Concen: 31.666 ng/ul

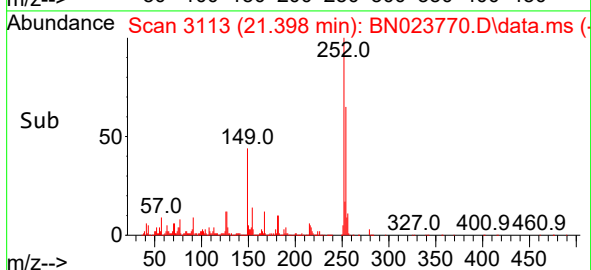
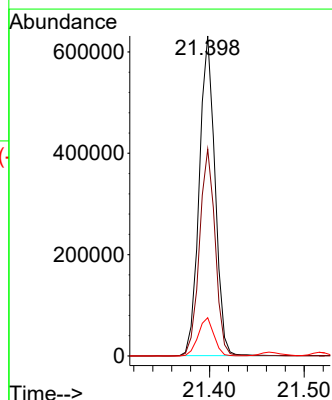
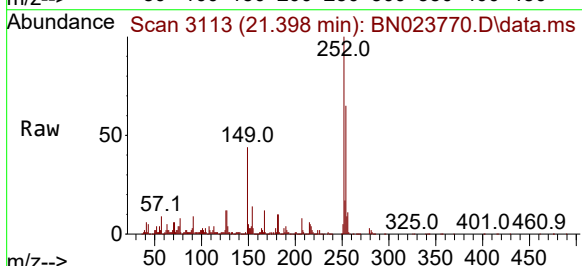
RT: 21.398 min Scan# 3113

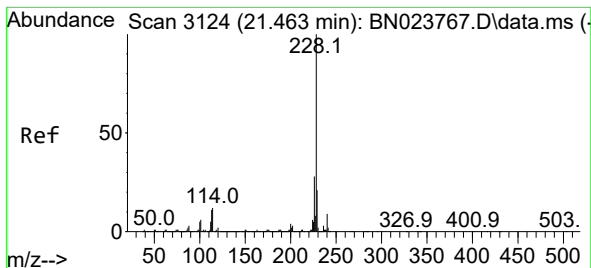
Delta R.T. -0.000 min

Lab File: BN023770.D

Acq: 24 Jan 2023 10:47

Tgt Ion:	252	Resp:	726835
Ion Ratio	Lower	Upper	
252	100		
254	64.6	51.2	76.8
126	12.0	8.8	13.2





#85

Benzo(a)anthracene

Concen: 31.031 ng/ul

RT: 21.463 min Scan# 3124

Delta R.T. -0.000 min

Lab File: BN023770.D

Acq: 24 Jan 2023 10:47

Instrument :

BNA_N

ClientSampleId :

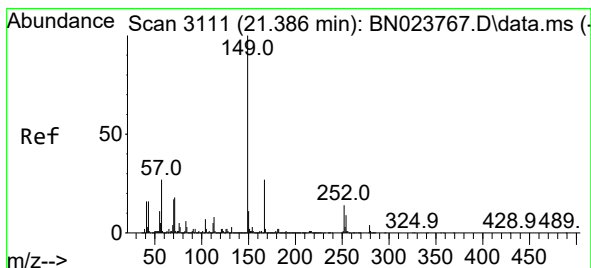
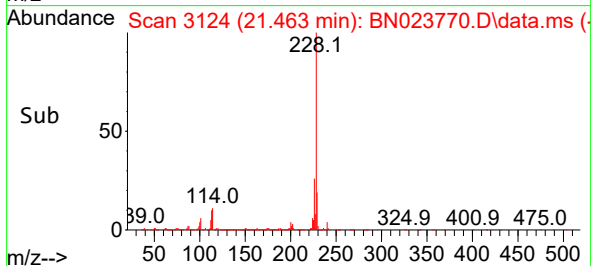
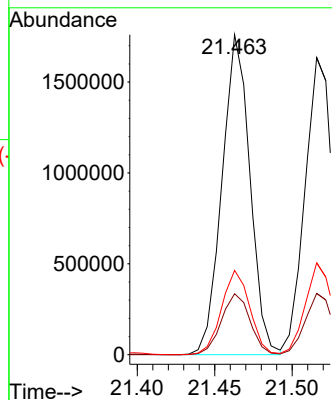
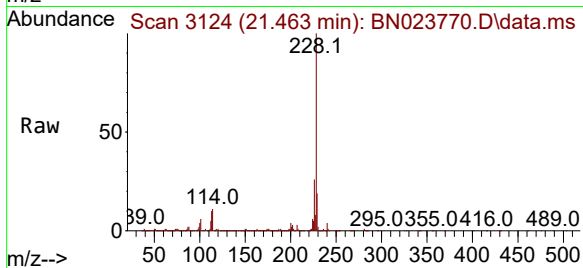
Tgt Ion:228 Resp: 2208611

Ion Ratio Lower Upper

228 100

229 19.1 15.0 22.4

226 26.3 22.1 33.1



#86

Bis(2-ethylhexyl)phthalate

Concen: 33.590 ng/ul

RT: 21.386 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BN023770.D

Acq: 24 Jan 2023 10:47

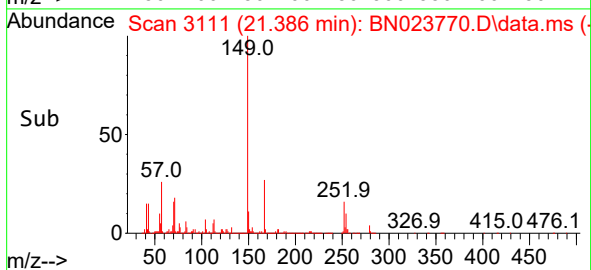
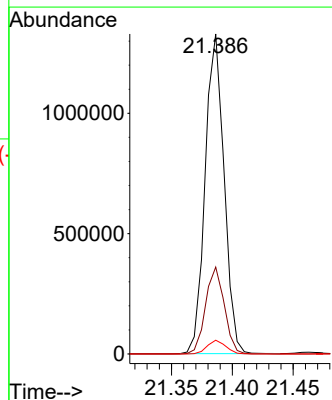
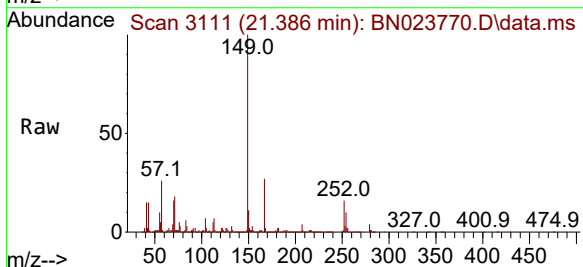
Tgt Ion:149 Resp: 1433425

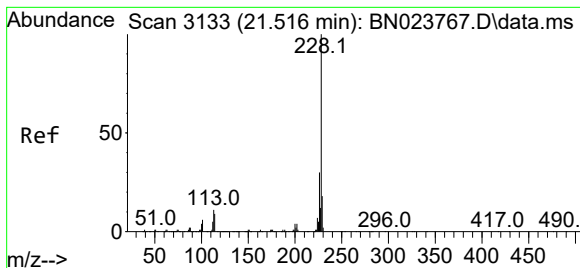
Ion Ratio Lower Upper

149 100

167 27.1 22.0 33.0

279 4.3 3.4 5.2





#87

Chrysene

Concen: 30.483 ng/ul

RT: 21.516 min Scan# 3133

Delta R.T. -0.000 min

Lab File: BN023770.D

Acq: 24 Jan 2023 10:47

Instrument :

BNA_N

ClientSampleId :

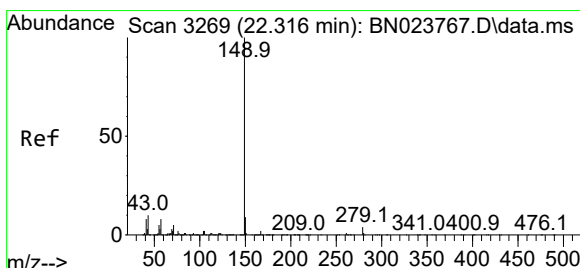
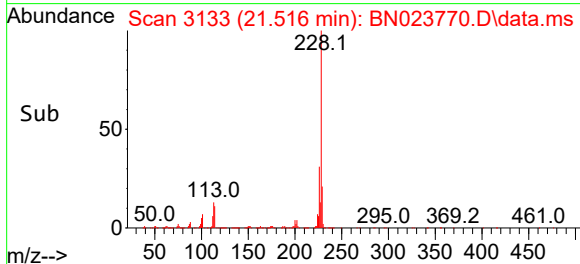
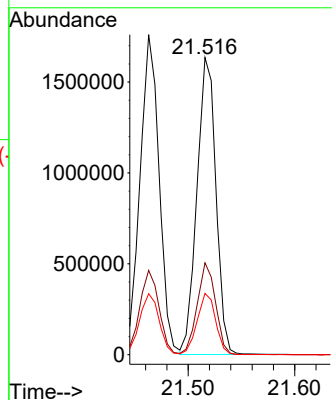
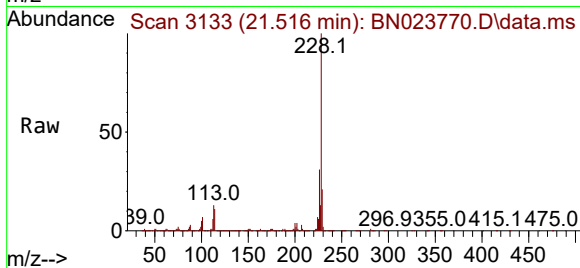
Tgt Ion:228 Resp: 2034252

Ion Ratio Lower Upper

228 100

226 30.9 24.6 37.0

229 20.6 16.8 25.2



#89

Di-n-octyl phthalate

Concen: 30.709 ng/ul

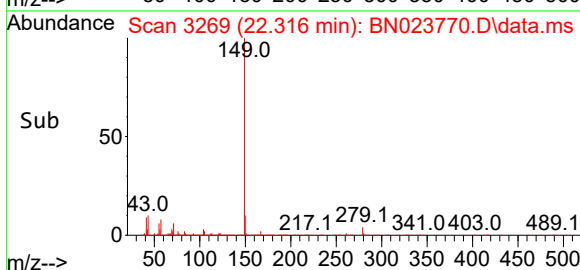
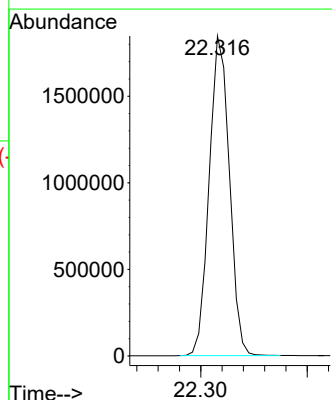
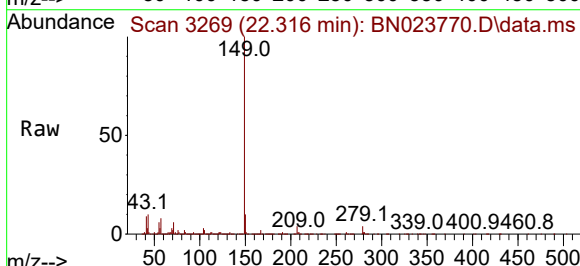
RT: 22.316 min Scan# 3269

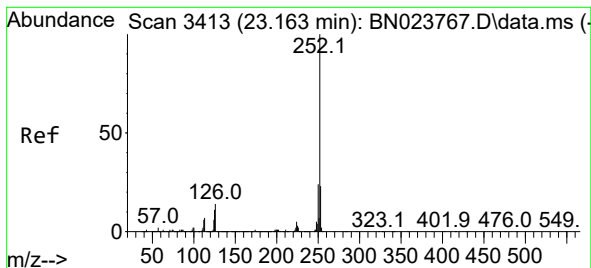
Delta R.T. -0.000 min

Lab File: BN023770.D

Acq: 24 Jan 2023 10:47

Tgt Ion:149 Resp: 2439218





#90

Benzo(b)fluoranthene

Concen: 29.351 ng/ul

RT: 23.151 min Scan# 3413

Delta R.T. -0.012 min

Lab File: BN023770.D

Acq: 24 Jan 2023 10:47

Instrument :

BNA_N

ClientSampleId :

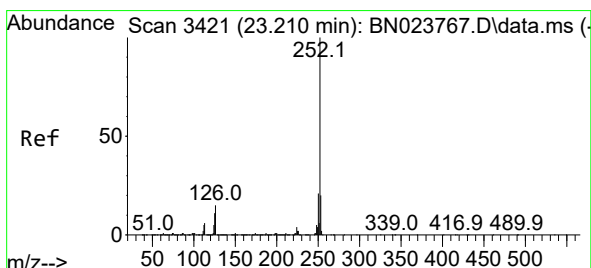
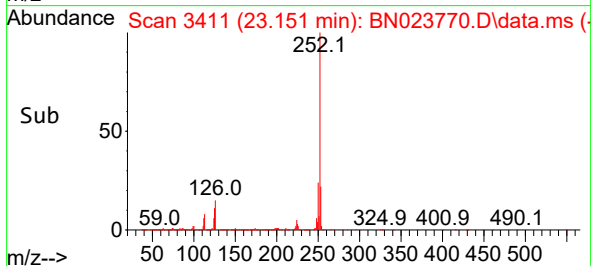
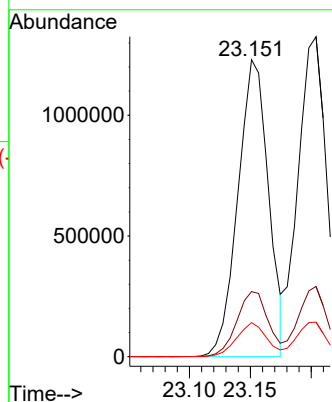
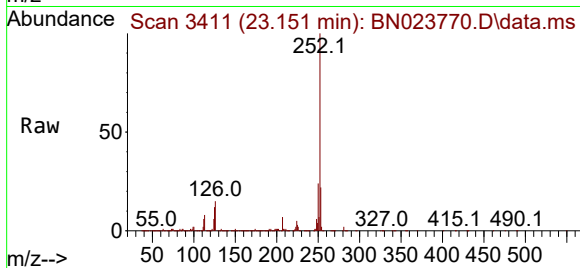
Tgt Ion:252 Resp: 2151740

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 11.5 8.6 13.0



#91

Benzo(k)fluoranthene

Concen: 29.881 ng/ul

RT: 23.204 min Scan# 3420

Delta R.T. -0.006 min

Lab File: BN023770.D

Acq: 24 Jan 2023 10:47

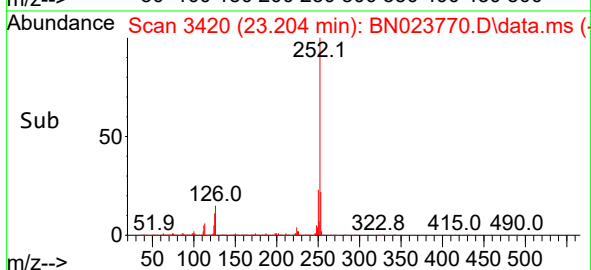
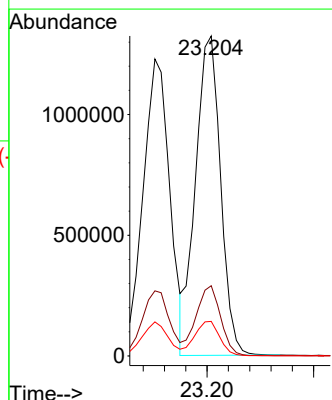
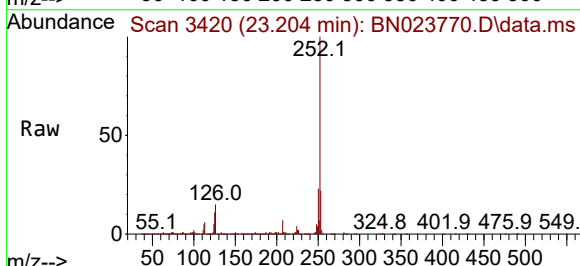
Tgt Ion:252 Resp: 2166751

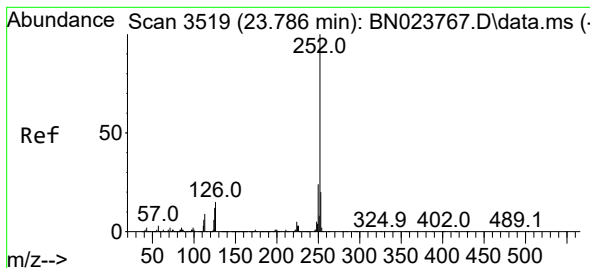
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 10.8 8.6 12.8





#93

Benzo(a)pyrene

Concen: 31.433 ng/ul

RT: 23.780 min Scan# 3

Delta R.T. -0.006 min

Lab File: BN023770.D

Acq: 24 Jan 2023 10:47

Instrument :

BNA_N

ClientSampleId :

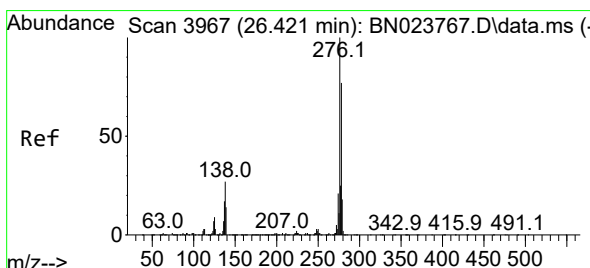
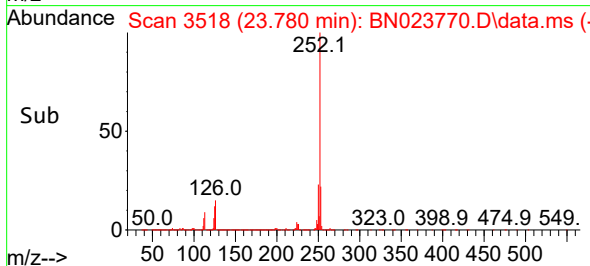
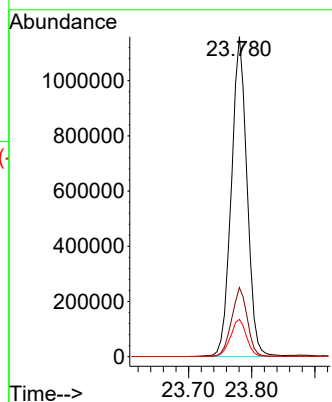
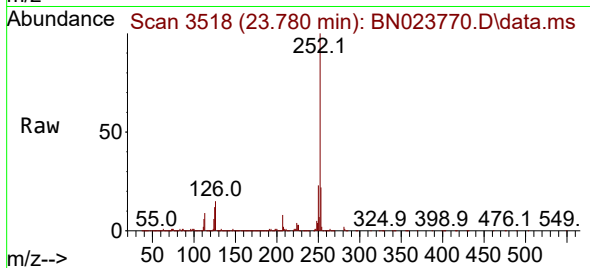
Tgt Ion:252 Resp: 1998505

Ion Ratio Lower Upper

252 100

253 21.6 16.6 25.0

125 11.6 9.8 14.6



#94

Indeno(1,2,3-cd)pyrene

Concen: 29.091 ng/ul

RT: 26.374 min Scan# 3959

Delta R.T. -0.047 min

Lab File: BN023770.D

Acq: 24 Jan 2023 10:47

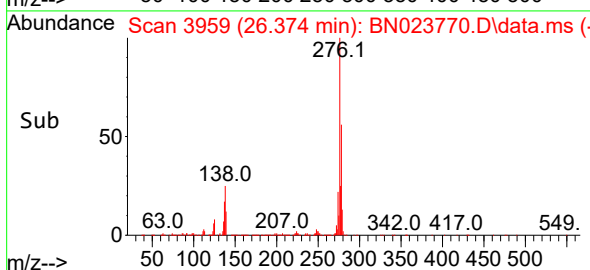
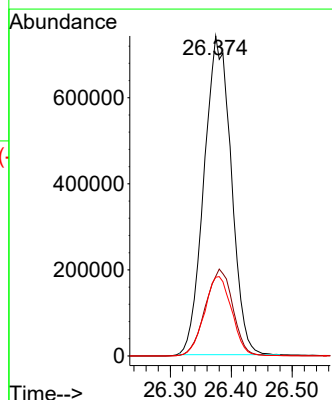
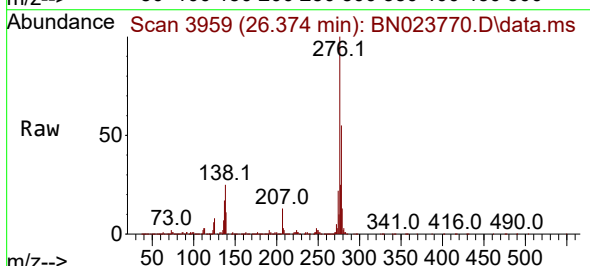
Tgt Ion:276 Resp: 2285849

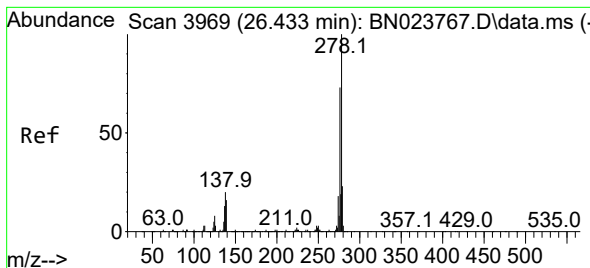
Ion Ratio Lower Upper

276 100

138 24.9 20.6 30.8

277 24.6 18.9 28.3





#95

Dibenzo(a,h)anthracene

Concen: 29.190 ng/ul

RT: 26.398 min Scan# 3963

Delta R.T. -0.035 min

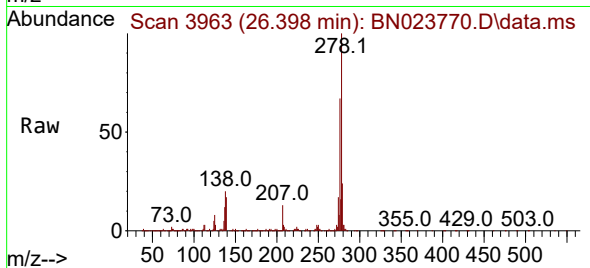
Lab File: BN023770.D

Acq: 24 Jan 2023 10:47

Instrument :

BNA_N

ClientSampleId :



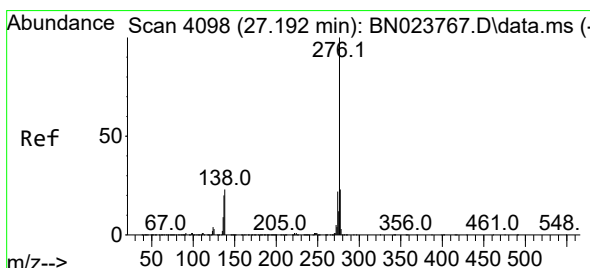
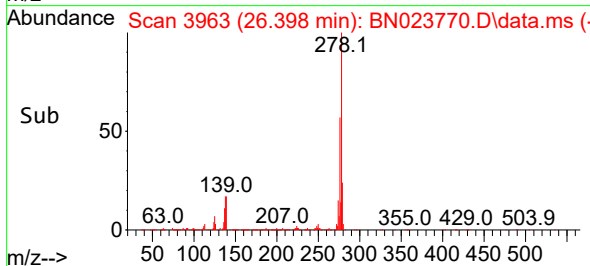
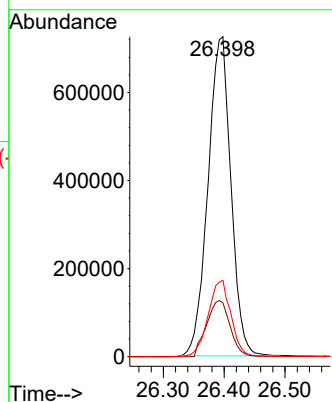
Tgt Ion:278 Resp: 1896472

Ion Ratio Lower Upper

278 100

139 16.8 14.1 21.1

279 23.8 18.0 27.0



#96

Benzo(g,h,i)perylene

Concen: 28.649 ng/ul

RT: 27.151 min Scan# 4091

Delta R.T. -0.041 min

Lab File: BN023770.D

Acq: 24 Jan 2023 10:47

Tgt Ion:276 Resp: 1792793

Ion Ratio Lower Upper

276 100

138 22.5 17.0 25.6

277 22.4 17.6 26.4

