

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012323\
 Data File : BN023771.D
 Acq On : 24 Jan 2023 11:23
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 24 23:55:54 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	292981	20.000	ng/u1	0.00
20) Naphthalene-d8	10.699	136	1314745	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.540	164	787535	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.281	188	1512325	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	1575432	20.000	ng/u1	0.00
88) Perylene-d12	23.886	264	1678593	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	55057	8.087	ng/uL	0.00
4) Pyridine-d5	3.699	84	399176	19.541	ng/u1	0.00
7) Phenol-d5	7.052	99	495791	19.094	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	309288	19.416	ng/u1	0.00
11) 2-Chlorophenol-d4	7.416	132	394959	19.861	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	389941	18.815	ng/u1	0.00
21) Nitrobenzene-d5	9.058	128	196104	19.780	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	212428	20.241	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	378128	18.889	ng/u1	0.00
31) 4-Chloroaniline-d4	10.840	131	559974	17.784	ng/u1	0.00
46) Dimethylphthalate-d6	13.951	166	1076035	18.368	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	1247125	19.213	ng/u1	0.00
54) 4-Nitrophenol-d4	14.740	143	211448	17.729	ng/u1	0.00
60) Fluorene-d10	15.528	176	918979	18.358	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	170174	18.653	ng/u1	0.00
73) Anthracene-d10	17.381	188	1267088	18.723	ng/u1	0.00
81) Pyrene-d10	19.675	212	1626705	18.054	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.727	264	1581631	19.053	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	57951	8.063	ng/uL	99
5) Pyridine	3.717	79	405861	19.409	ng/u1	95
6) Benzaldehyde	7.028	77	223688	22.244	ng/u1	99
8) Phenol	7.081	94	511263	19.343	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.311	93	399990	19.152	ng/u1	97
12) 2-Chlorophenol	7.446	128	408107	19.858	ng/u1	99
13) 2-Methylphenol	8.334	108	373265	18.765	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.422	45	546843	19.578	ng/u1	99
16) Acetophenone	8.716	105	606170	18.923	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.705	70	318694	19.759	ng/u1	100
18) 4-Methylphenol	8.669	108	413834	18.892	ng/u1	98
19) Hexachloroethane	8.969	117	163605	19.905	ng/u1	98
22) Nitrobenzene	9.099	77	475265	19.154	ng/u1	99
23) Isophorone	9.628	82	860650	19.179	ng/u1	99
25) 2-Nitrophenol	9.810	139	228774	19.610	ng/u1	98
26) 2,4-Dimethylphenol	9.875	107	445987	18.838	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.110	93	542552	18.640	ng/u1	100
29) 2,4-Dichlorophenol	10.346	162	369886	18.466	ng/u1	98
30) Naphthalene	10.746	128	1282668	18.148	ng/u1	100
32) 4-Chloroaniline	10.863	127	561771	17.814	ng/u1	100
33) Hexachlorobutadiene	11.028	225	223622	18.050	ng/u1	100
34) Caprolactam	11.646	113	77312	11.492	ng/u1	95
35) 4-Chloro-3-methylphenol	11.987	107	407639	18.664	ng/u1	99
36) 2-Methylnaphthalene	12.357	142	849372	18.028	ng/u1	93

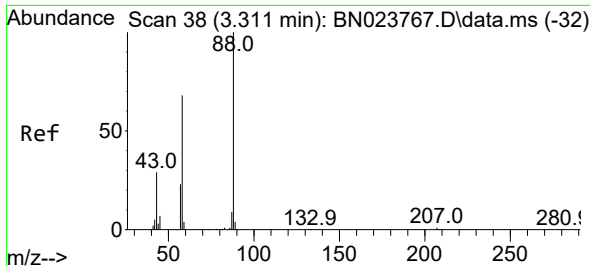
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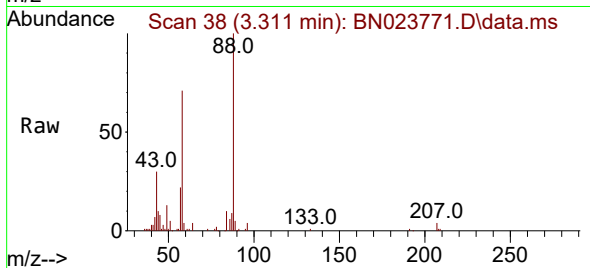
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.581	142	865956	17.990	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.728	216	436662	18.748	ng/ul	99
40) Hexachlorocyclopentadiene	12.704	237	276499	18.835	ng/ul	98
41) 2,4,6-Trichlorophenol	12.969	196	292997	19.084	ng/ul	94
42) 2,4,5-Trichlorophenol	13.040	196	321901	19.172	ng/ul	94
43) 1,1'-Biphenyl	13.369	154	1123554	18.492	ng/ul	99
44) 2-Chloronaphthalene	13.416	162	872424	18.508	ng/ul	100
45) 2-Nitroaniline	13.622	65	268532	20.657	ng/ul	99
47) Dimethylphthalate	13.998	163	1096696	18.630	ng/ul	100
48) 2,6-Dinitrotoluene	14.122	165	221154	19.872	ng/ul	96
50) Acenaphthylene	14.257	152	1370143	18.984	ng/ul	99
51) 3-Nitroaniline	14.445	138	210545	18.879	ng/ul	100
52) Acenaphthene	14.604	153	943955	18.551	ng/ul	97
53) 2,4-Dinitrophenol	14.651	184	95257	13.096	ng/ul	98
55) 4-Nitrophenol	14.751	109	167789	17.421	ng/ul	98
56) Dibenzofuran	14.934	168	1279195	18.061	ng/ul	98
57) 2,4-Dinitrotoluene	14.904	165	316669	19.491	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.163	232	259130	18.011	ng/ul	95
59) Diethylphthalate	15.363	149	1080289	18.320	ng/ul	97
61) Fluorene	15.587	166	1037272	18.085	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.581	204	508736	18.220	ng/ul	95
63) 4-Nitroaniline	15.610	138	198767	19.358	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.669	198	170941	18.987	ng/ul	98
67) N-Nitrosodiphenylamine	15.792	169	892465	21.028	ng/ul	99
68) 4-Bromophenyl-phenylether	16.475	248	309582	20.423	ng/ul	92
69) Hexachlorobenzene	16.587	284	357829	20.144	ng/ul	97
70) Atrazine	16.745	200	297549	18.733	ng/ul	93
71) Pentachlorophenol	16.934	266	216380	19.086	ng/ul	93
72) Phenanthrene	17.328	178	1440317	17.774	ng/ul	99
74) Anthracene	17.416	178	1478515	18.333	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.334	216	433333	21.283	ng/ul	96
76) Pentachlorobenzene	14.857	250	423020	20.741	ng/ul	98
77) Carbazole	17.692	167	1398792	19.102	ng/ul	99
78) Di-n-butylphthalate	18.251	149	1833215	21.086	ng/ul	100
80) Fluoranthene	19.345	202	1929416	18.308	ng/ul	99
82) Pyrene	19.710	202	2009963	18.057	ng/ul	100
83) Butylbenzylphthalate	20.604	149	862668	19.576	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.398	252	690232	20.056	ng/ul	98
85) Benzo(a)anthracene	21.463	228	1952717	18.298	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.386	149	1252786	19.580	ng/ul	98
87) Chrysene	21.516	228	1897644	18.965	ng/ul	98
89) Di-n-octyl phthalate	22.316	149	2128715	18.375	ng/ul	100
90) Benzo(b)fluoranthene	23.151	252	2005610	18.757	ng/ul	98
91) Benzo(k)fluoranthene	23.198	252	1927584	18.226	ng/ul	98
93) Benzo(a)pyrene	23.780	252	1741994	18.785	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.380	276	2100125	18.325	ng/ul	98
95) Dibenzo(a,h)anthracene	26.398	278	1716378	18.113	ng/ul	97
96) Benzo(g,h,i)perylene	27.145	276	1608328	17.622	ng/ul	97

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

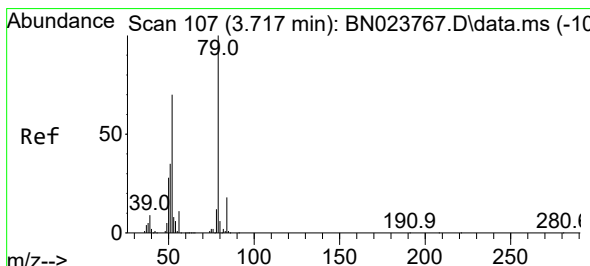
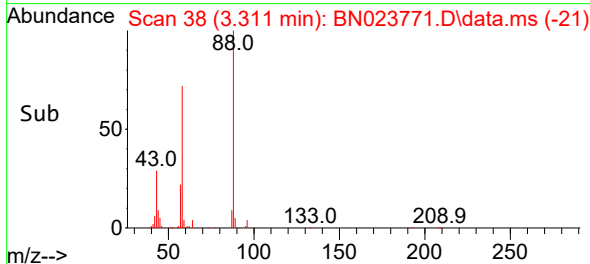
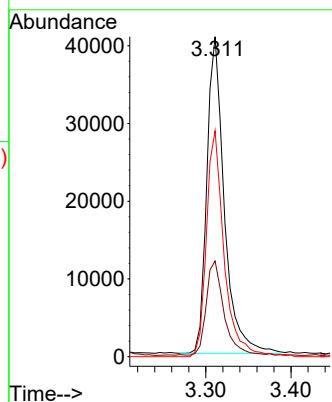


#2
 1,4-Dioxane
 Concen: 8.063 ng/uL
 RT: 3.311 min Scan# 38
 Delta R.T. -0.000 min
 Lab File: BN023771.D
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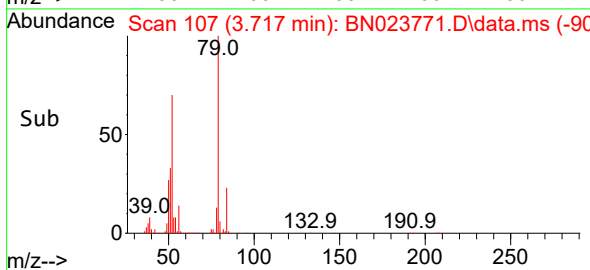
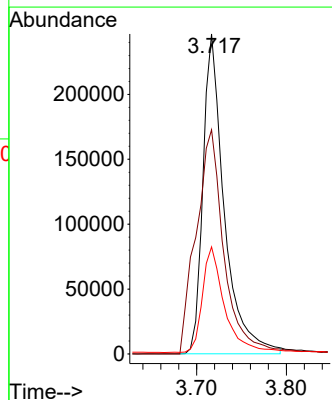
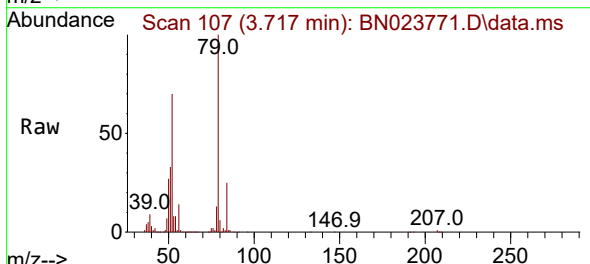


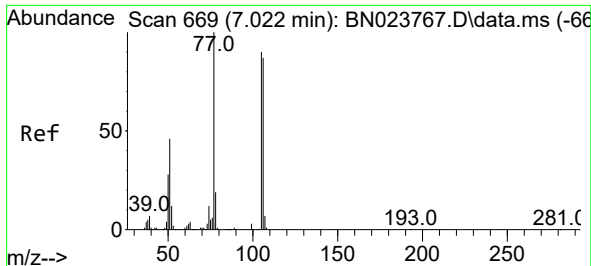
Tgt Ion: 88 Resp: 57951
 Ion Ratio Lower Upper
 88 100
 43 29.9 24.6 36.8
 58 70.6 56.2 84.4



#5
 Pyridine
 Concen: 19.409 ng/uL
 RT: 3.717 min Scan# 107
 Delta R.T. -0.000 min
 Lab File: BN023771.D
 Acq: 24 Jan 2023 11:23

Tgt Ion: 79 Resp: 405861
 Ion Ratio Lower Upper
 79 100
 52 70.1 59.9 89.9
 51 33.5 28.6 42.8

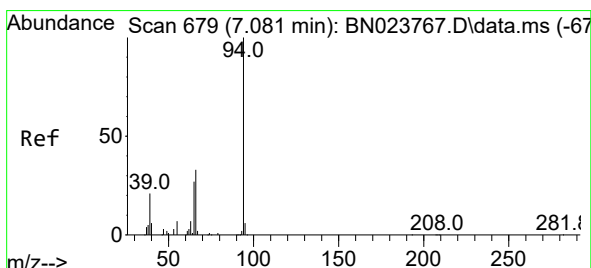
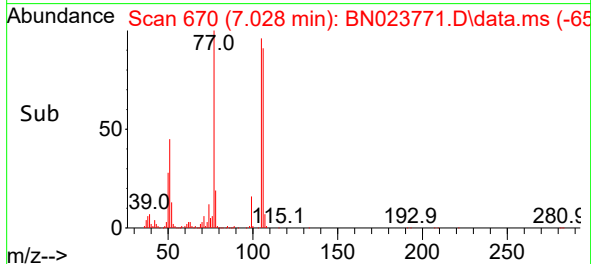
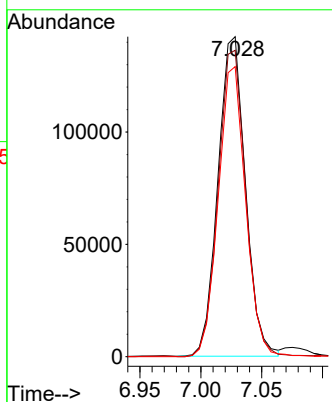
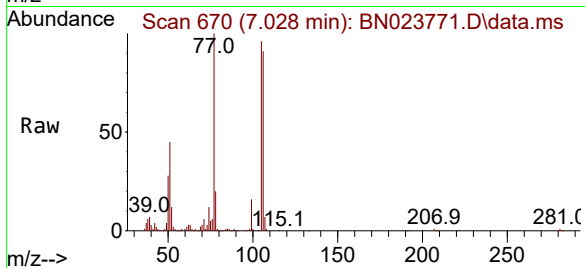




#6
Benzaldehyde
Concen: 22.244 ng/ul
RT: 7.028 min Scan# 61
Delta R.T. 0.006 min
Lab File: BN023771.D
Acq: 24 Jan 2023 11:23

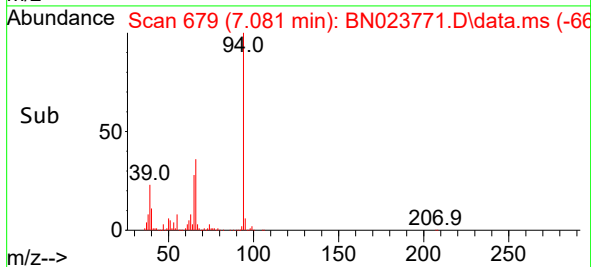
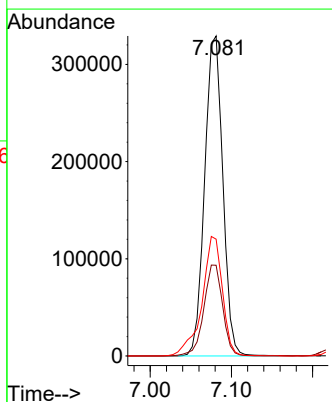
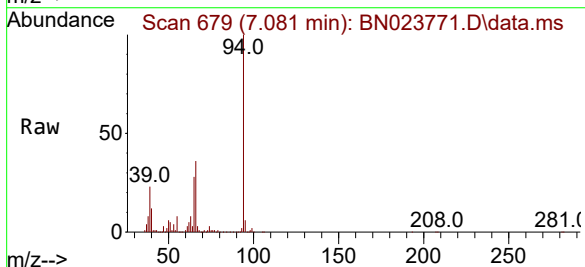
Instrument :
BNA_N
ClientSampleId :

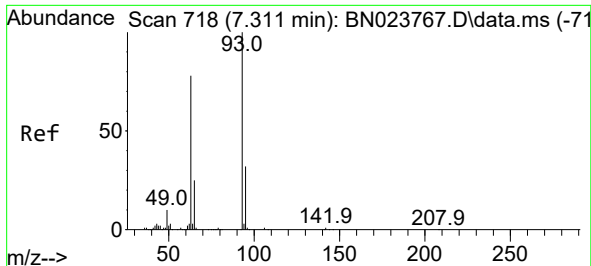
Tgt Ion: 77 Resp: 223688
Ion Ratio Lower Upper
77 100
105 95.7 75.1 112.7
106 90.6 72.8 109.2



#8
Phenol
Concen: 19.343 ng/ul
RT: 7.081 min Scan# 679
Delta R.T. -0.000 min
Lab File: BN023771.D
Acq: 24 Jan 2023 11:23

Tgt Ion: 94 Resp: 511263
Ion Ratio Lower Upper
94 100
65 28.4 23.7 35.5
66 36.5 29.9 44.9

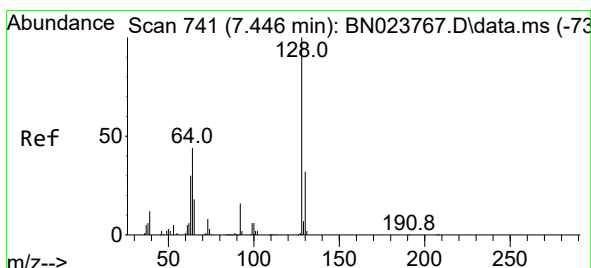
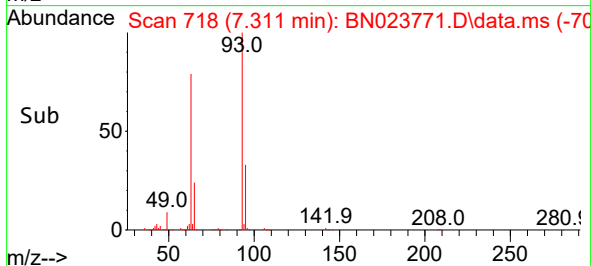
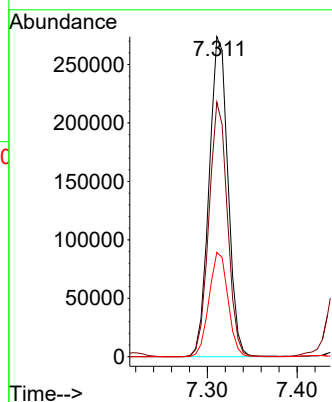
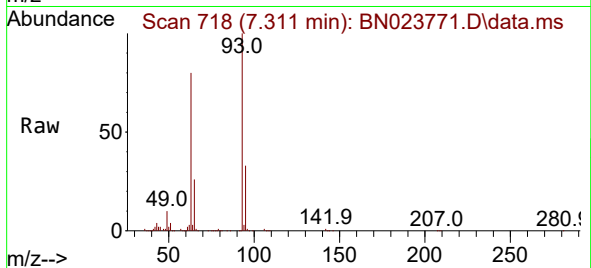




#10
Bis(2-Chloroethyl)ether
Concen: 19.152 ng/ul
RT: 7.311 min Scan# 718
Delta R.T. -0.000 min
Lab File: BN023771.D
Acq: 24 Jan 2023 11:23

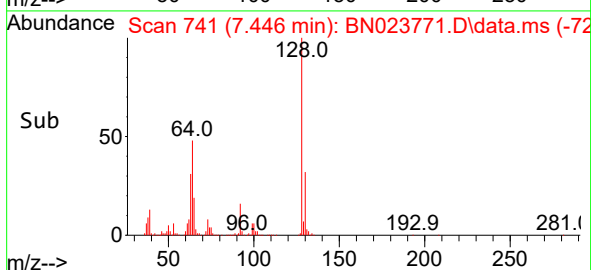
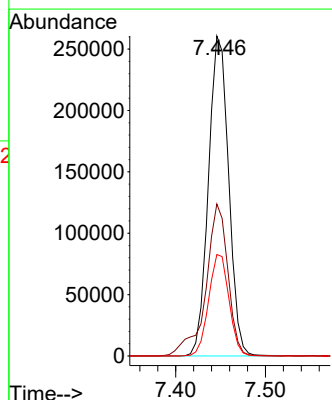
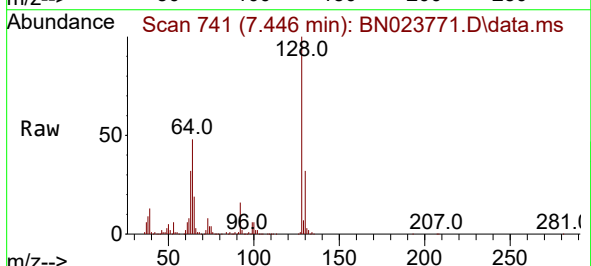
Instrument :
BNA_N
ClientSampleId :

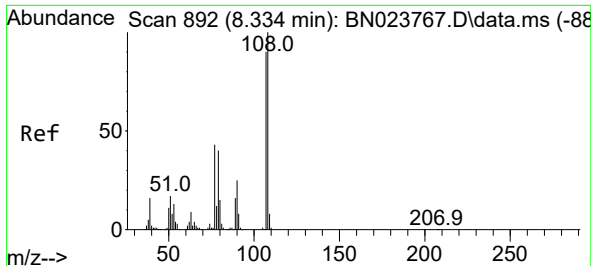
Tgt Ion: 93 Resp: 399990
Ion Ratio Lower Upper
93 100
63 79.6 61.2 91.8
95 32.6 26.6 40.0



#12
2-Chlorophenol
Concen: 19.858 ng/ul
RT: 7.446 min Scan# 741
Delta R.T. -0.000 min
Lab File: BN023771.D
Acq: 24 Jan 2023 11:23

Tgt Ion:128 Resp: 408107
Ion Ratio Lower Upper
128 100
64 47.5 37.4 56.2
130 31.7 25.6 38.4





#13

2-Methylphenol

Concen: 18.765 ng/ul

RT: 8.334 min Scan# 892

Delta R.T. -0.000 min

Lab File: BN023771.D

Acq: 24 Jan 2023 11:23

Instrument :

BNA_N

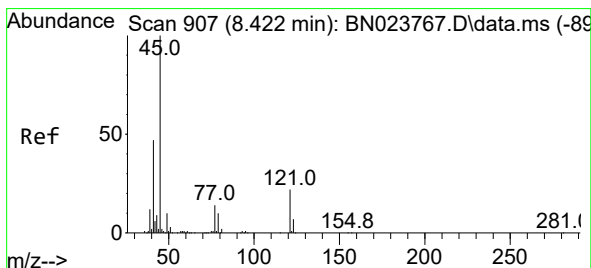
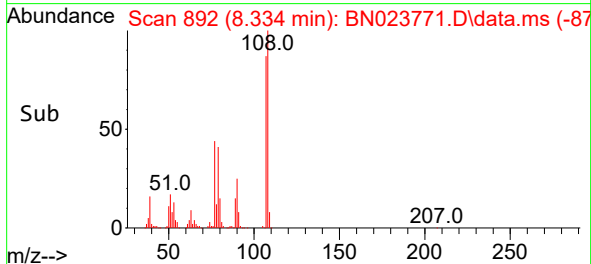
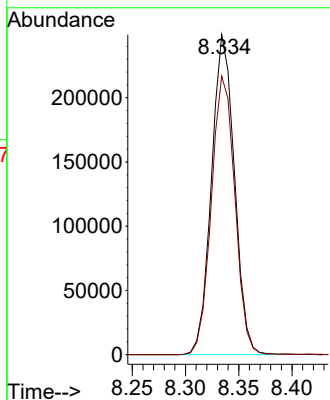
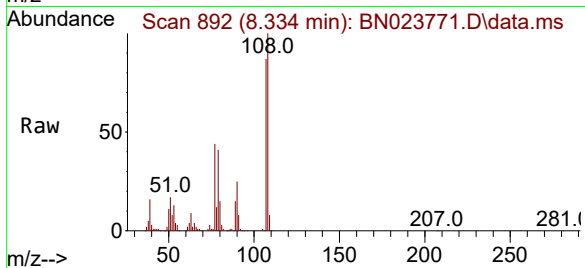
ClientSampleId :

Tgt Ion:108 Resp: 373265

Ion Ratio Lower Upper

108 100

107 87.1 72.3 108.5



#14

2,2'-oxybis(1-Chloropropane)

Concen: 19.578 ng/ul

RT: 8.422 min Scan# 907

Delta R.T. -0.000 min

Lab File: BN023771.D

Acq: 24 Jan 2023 11:23

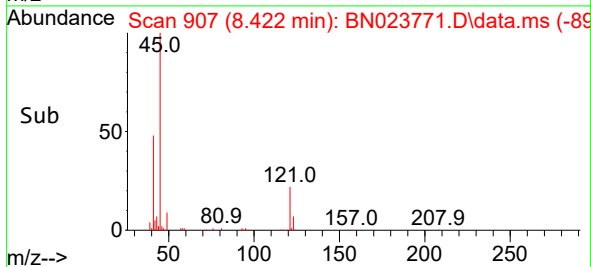
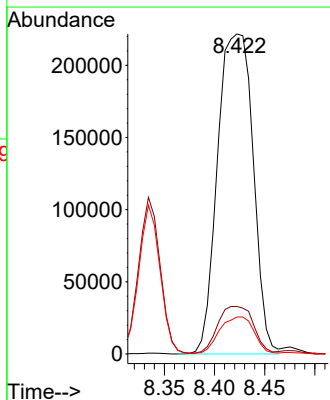
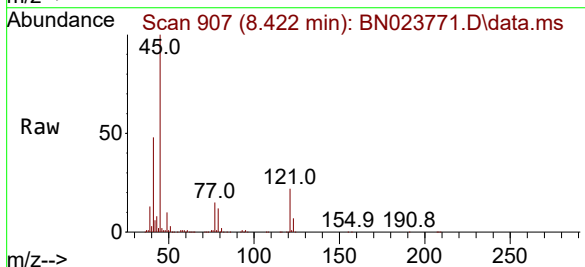
Tgt Ion: 45 Resp: 546843

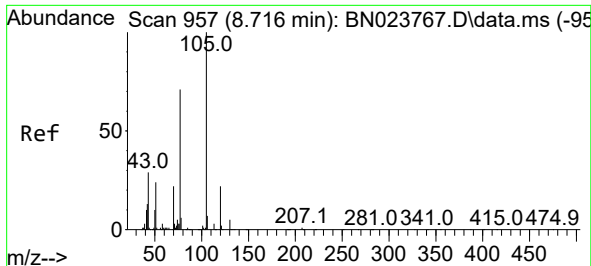
Ion Ratio Lower Upper

45 100

77 14.9 11.4 17.2

79 11.5 8.8 13.2

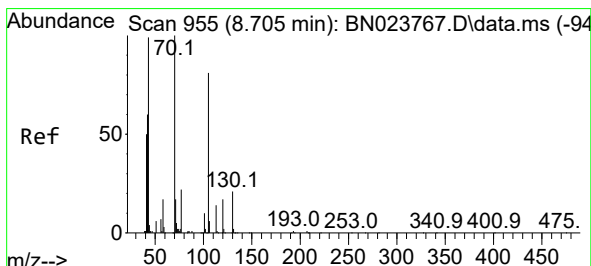
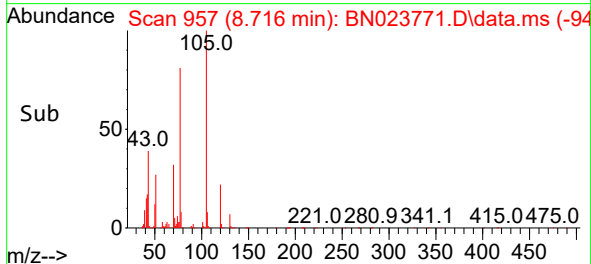
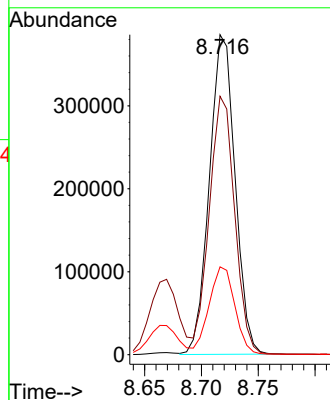
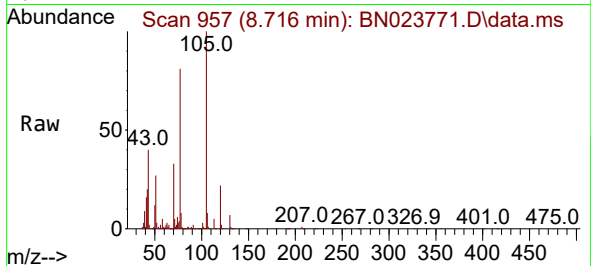




#16
Acetophenone
Concen: 18.923 ng/ul
RT: 8.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN023771.D
Acq: 24 Jan 2023 11:23

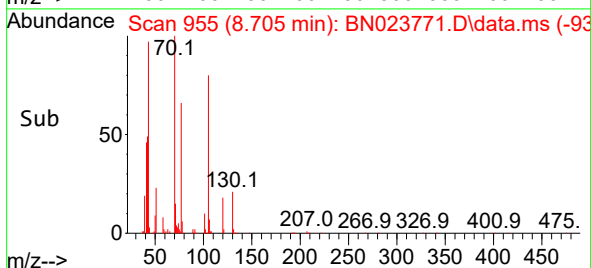
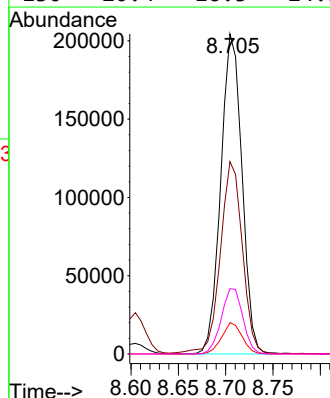
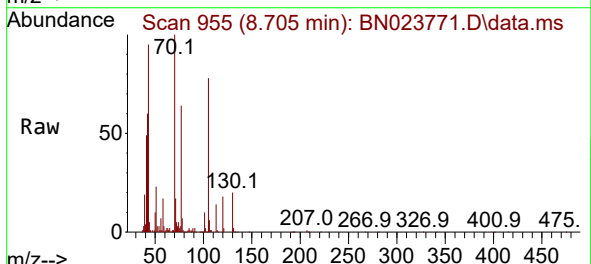
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BNA_N
ClientSampleId :

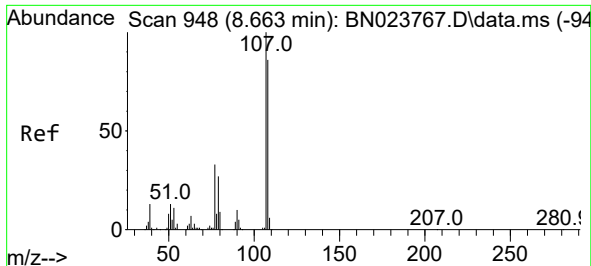
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Ion Ratio Lower Upper
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77 80.7 64.2 96.2
51 27.5 22.0 33.0



#17
N-Nitroso-di-n-propylamine
Concen: 19.759 ng/ul
RT: 8.705 min Scan# 955
Delta R.T. -0.000 min
Lab File: BN023771.D
Acq: 24 Jan 2023 11:23

Tgt Ion: 70 Resp: 318694
Ion Ratio Lower Upper
70 100
42 60.1 47.8 71.6
101 9.8 7.8 11.6
130 20.4 16.3 24.5

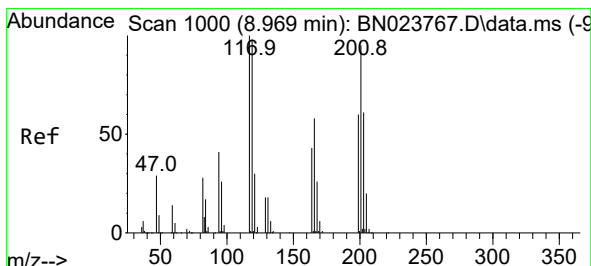
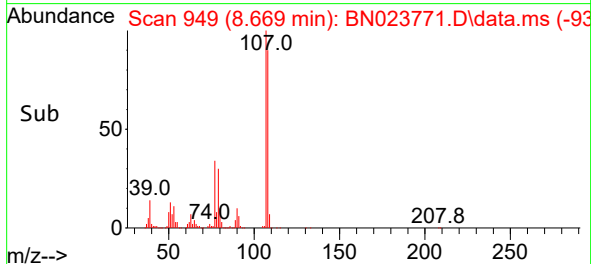
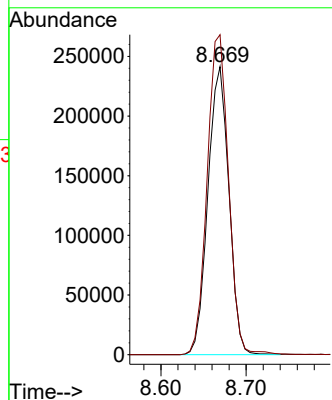
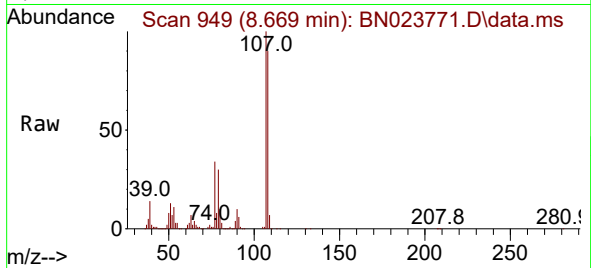




#18
4-Methylphenol
Concen: 18.892 ng/ul
RT: 8.669 min Scan# 948
Delta R.T. 0.006 min
Lab File: BN023771.D
Acq: 24 Jan 2023 11:23

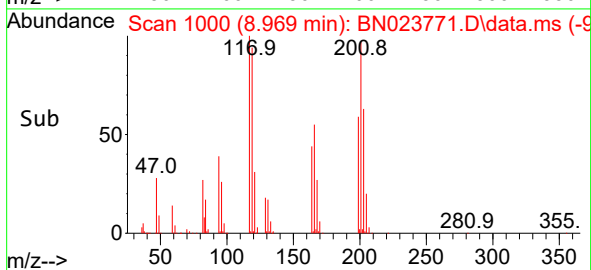
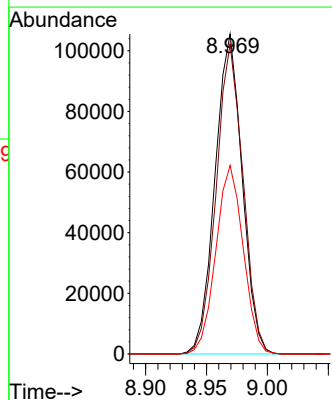
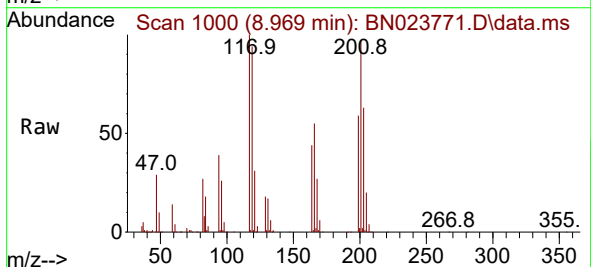
Instrument :
BNA_N
ClientSampleId :

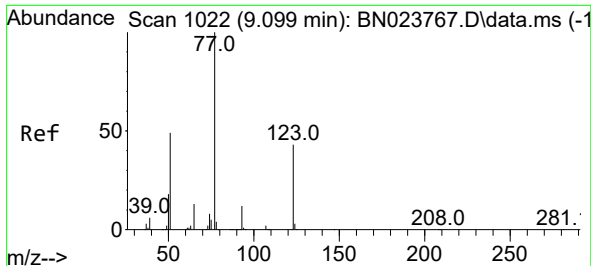
Tgt Ion:108 Resp: 413834
Ion Ratio Lower Upper
108 100
107 111.1 90.7 136.1



#19
Hexachloroethane
Concen: 19.905 ng/ul
RT: 8.969 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BN023771.D
Acq: 24 Jan 2023 11:23

Tgt Ion:117 Resp: 163605
Ion Ratio Lower Upper
117 100
201 96.9 76.9 115.3
199 58.9 44.6 67.0

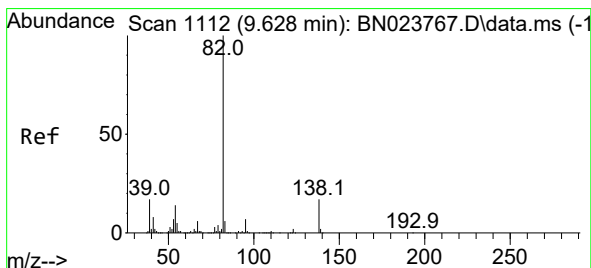
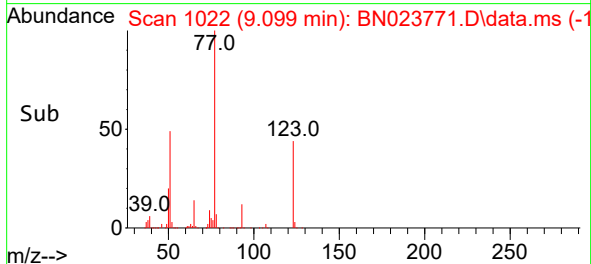
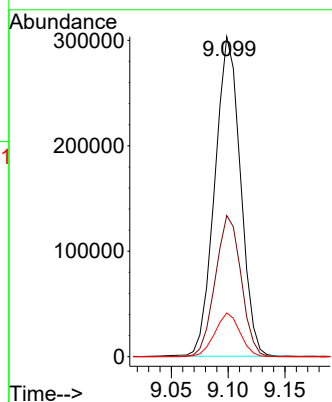
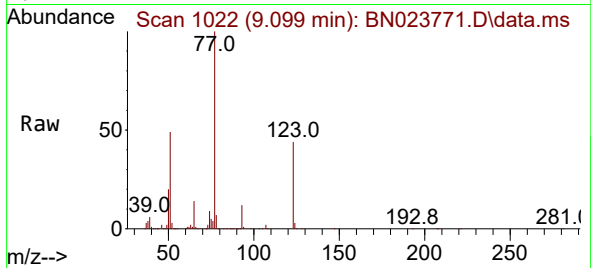




#22
Nitrobenzene
Concen: 19.154 ng/ul
RT: 9.099 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BN023771.D
Acq: 24 Jan 2023 11:23

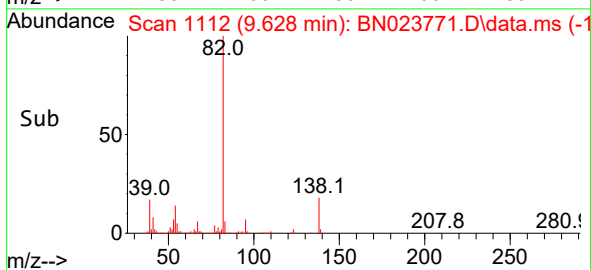
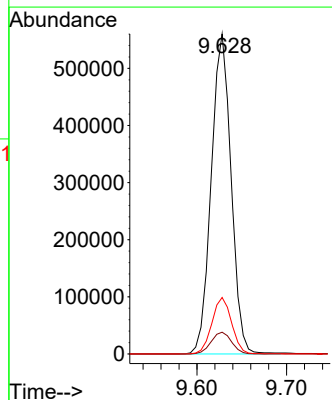
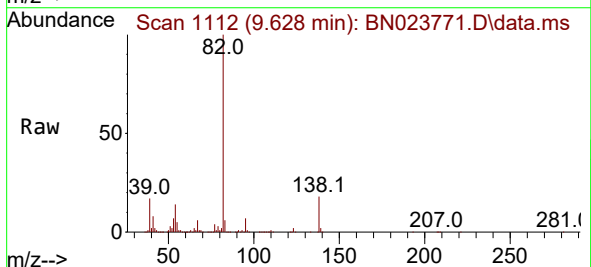
Instrument :
BNA_N
ClientSampleId :

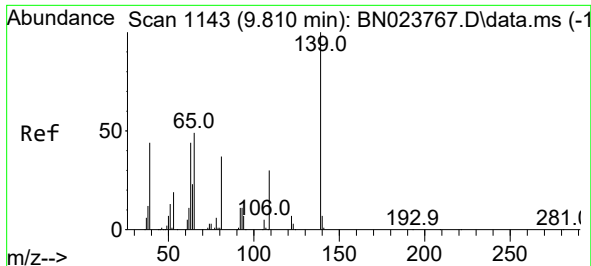
Tgt Ion: 77 Resp: 475265
Ion Ratio Lower Upper
77 100
123 44.1 35.6 53.4
65 13.6 11.0 16.4



#23
Isophorone
Concen: 19.179 ng/ul
RT: 9.628 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BN023771.D
Acq: 24 Jan 2023 11:23

Tgt Ion: 82 Resp: 860650
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.6 13.8 20.8





#25

2-Nitrophenol

Concen: 19.610 ng/ul

RT: 9.810 min Scan# 1143

Delta R.T. -0.000 min

Lab File: BN023771.D

Acq: 24 Jan 2023 11:23

Instrument :

BNA_N

ClientSampleId :

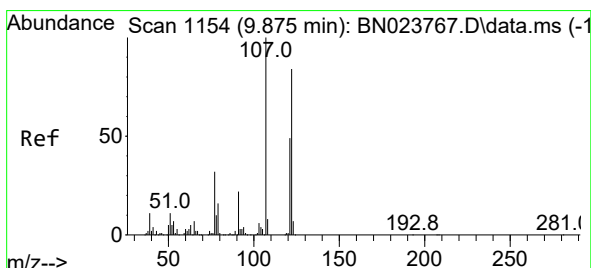
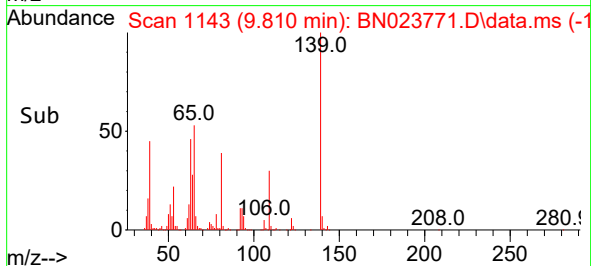
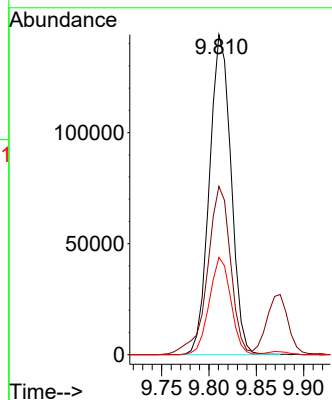
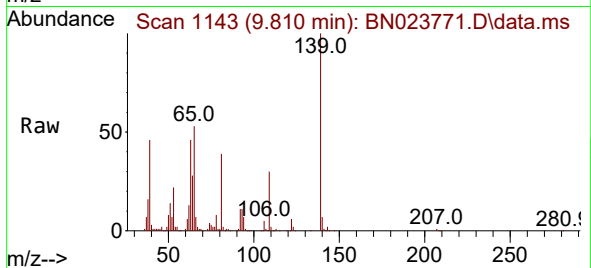
Tgt Ion:139 Resp: 228774

Ion Ratio Lower Upper

139 100

65 52.6 40.3 60.5

109 30.4 24.6 37.0



#26

2,4-Dimethylphenol

Concen: 18.838 ng/ul

RT: 9.875 min Scan# 1154

Delta R.T. -0.000 min

Lab File: BN023771.D

Acq: 24 Jan 2023 11:23

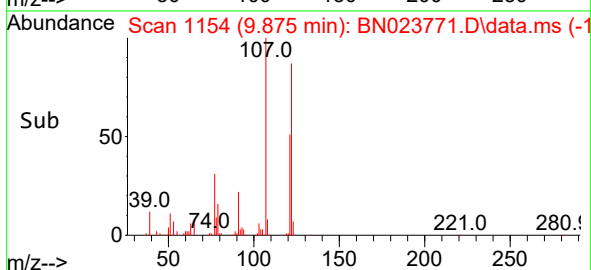
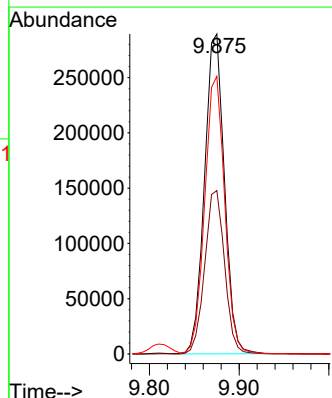
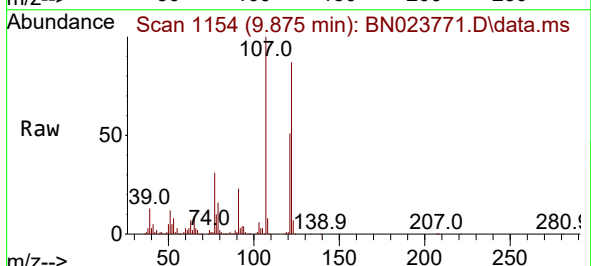
Tgt Ion:107 Resp: 445987

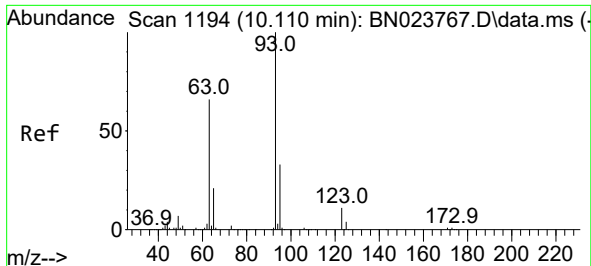
Ion Ratio Lower Upper

107 100

121 51.1 40.4 60.6

122 86.8 67.0 100.4

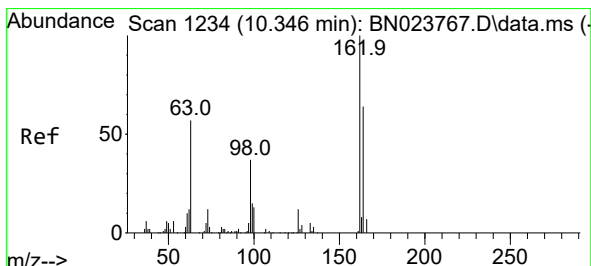
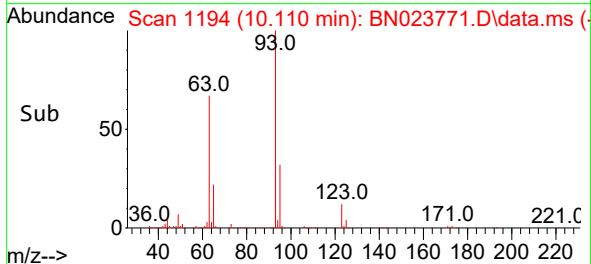
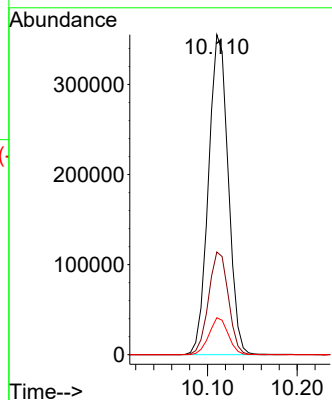
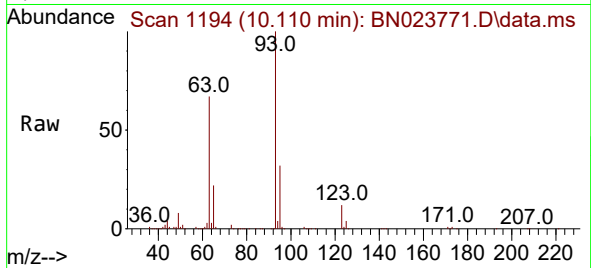




#27
 Bis(2-Chloroethoxy)methane
 Concen: 18.640 ng/ul
 RT: 10.110 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: BN023771.D
 Acq: 24 Jan 2023 11:23

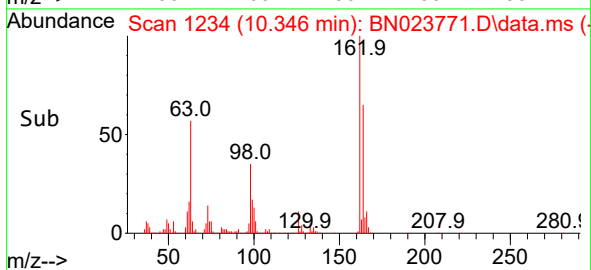
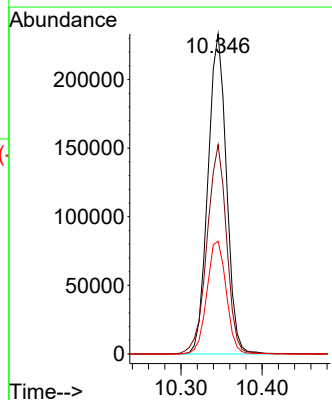
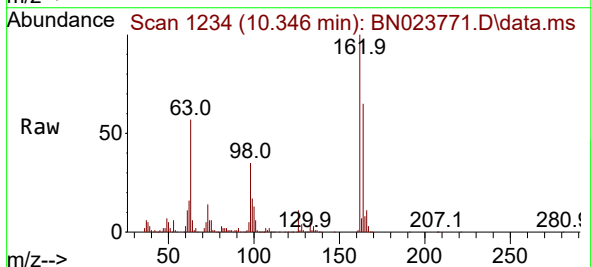
Instrument :
 BNA_N
 ClientSampleId :

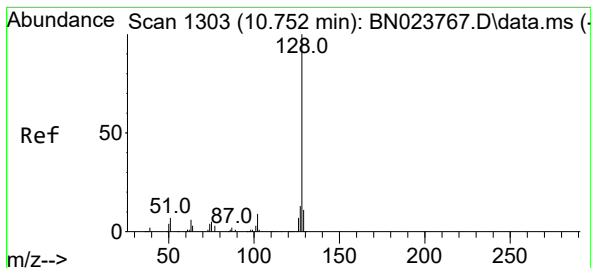
Tgt Ion: 93 Resp: 542552
 Ion Ratio Lower Upper
 93 100
 95 32.1 25.5 38.3
 123 11.5 9.4 14.2



#29
 2,4-Dichlorophenol
 Concen: 18.466 ng/ul
 RT: 10.346 min Scan# 1234
 Delta R.T. -0.000 min
 Lab File: BN023771.D
 Acq: 24 Jan 2023 11:23

Tgt Ion: 162 Resp: 369886
 Ion Ratio Lower Upper
 162 100
 164 65.4 53.8 80.6
 98 35.2 28.8 43.2





#30

Naphthalene

Concen: 18.148 ng/ul

RT: 10.746 min Scan# 11

Delta R.T. -0.006 min

Lab File: BN023771.D

Acq: 24 Jan 2023 11:23

Instrument :

BNA_N

ClientSampleId :

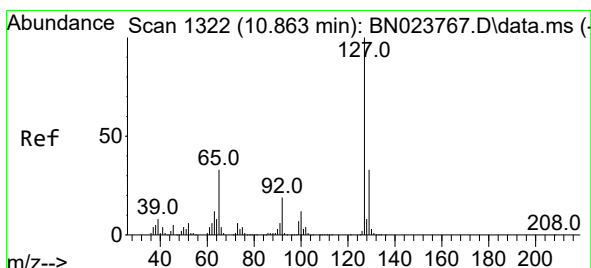
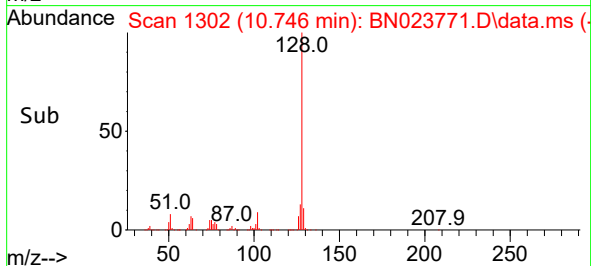
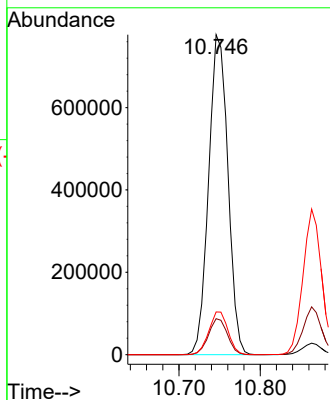
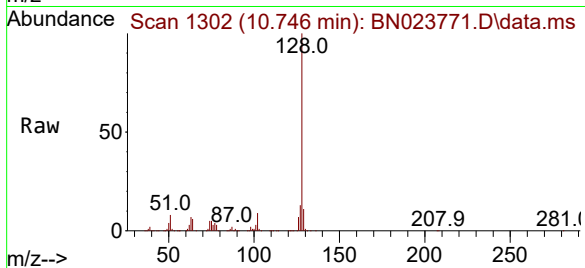
Tgt Ion:128 Resp: 1282668

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

127 13.4 10.8 16.2



#32

4-Chloroaniline

Concen: 17.814 ng/ul

RT: 10.863 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BN023771.D

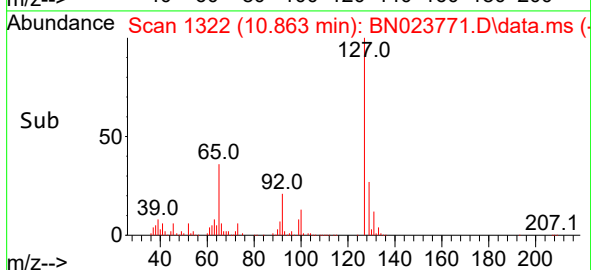
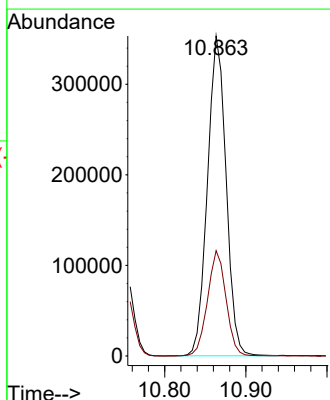
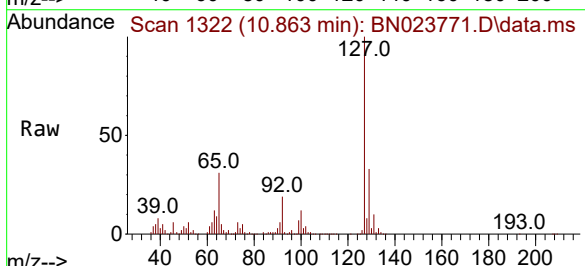
Acq: 24 Jan 2023 11:23

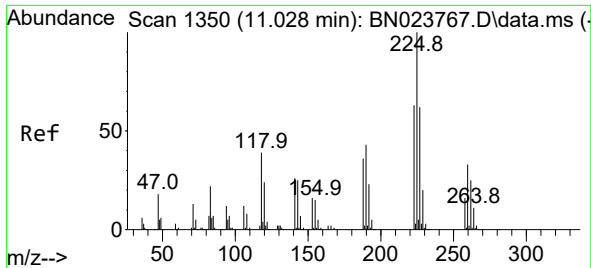
Tgt Ion:127 Resp: 561771

Ion Ratio Lower Upper

127 100

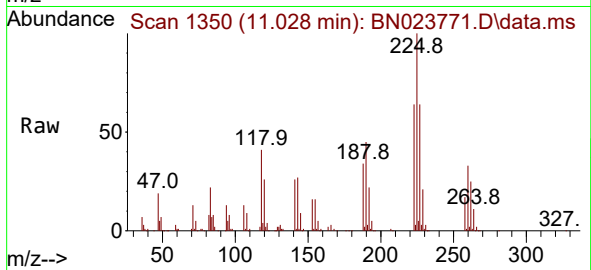
129 32.9 26.4 39.6



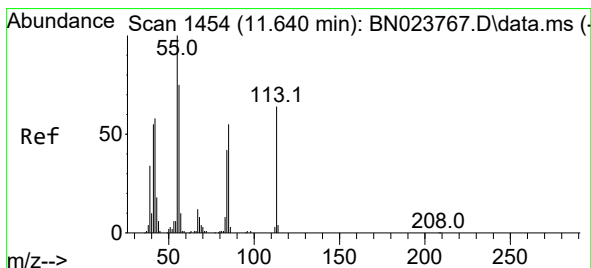
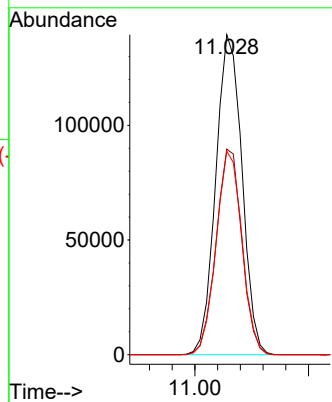
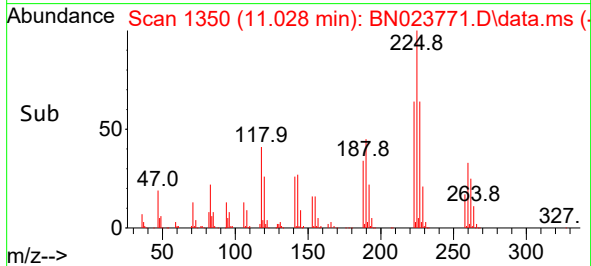


#33
Hexachlorobutadiene
Concen: 18.050 ng/ul
RT: 11.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN023771.D
Acq: 24 Jan 2023 11:23

Instrument :
BNA_N
ClientSampleId :

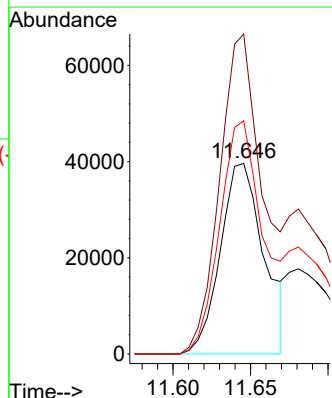
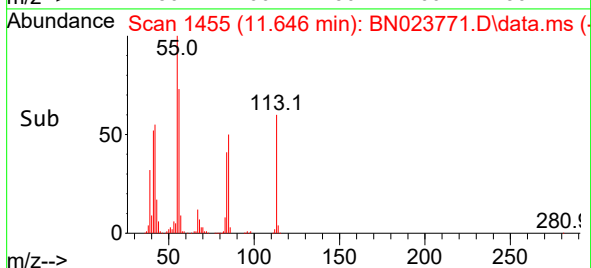
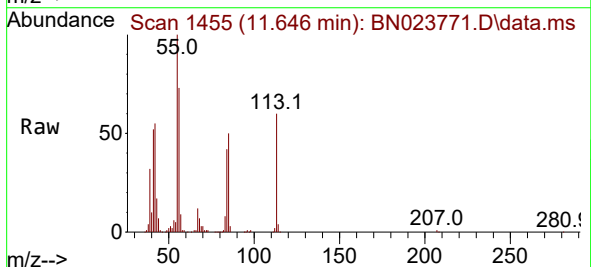


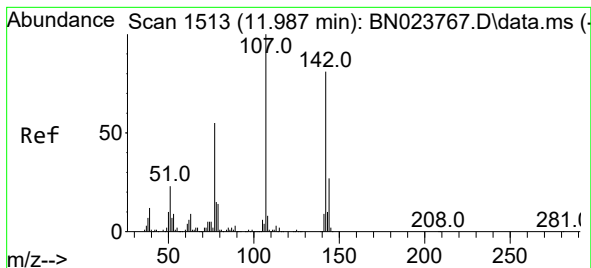
Tgt Ion:225 Resp: 223622
Ion Ratio Lower Upper
225 100
223 64.2 51.7 77.5
227 63.6 50.8 76.2



#34
Caprolactam
Concen: 11.492 ng/ul
RT: 11.646 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BN023771.D
Acq: 24 Jan 2023 11:23

Tgt Ion:113 Resp: 77312
Ion Ratio Lower Upper
113 100
55 167.9 129.1 193.7
56 122.3 94.2 141.4

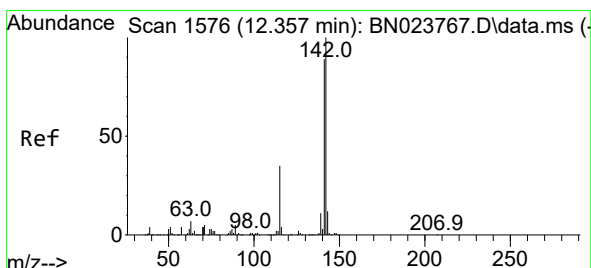
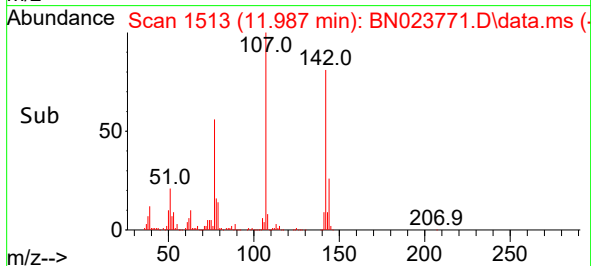
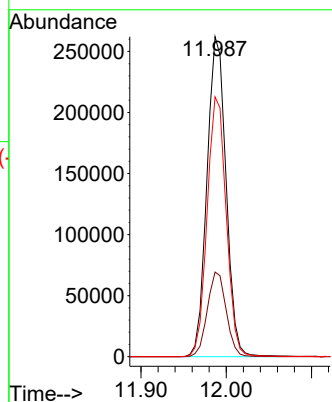
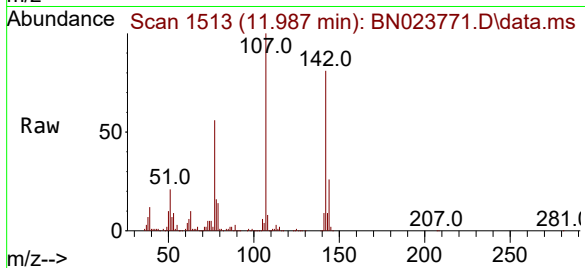




#35
 4-Chloro-3-methylphenol
 Concen: 18.664 ng/ul
 RT: 11.987 min Scan# 1513
 Delta R.T. -0.000 min
 Lab File: BN023771.D
 Acq: 24 Jan 2023 11:23

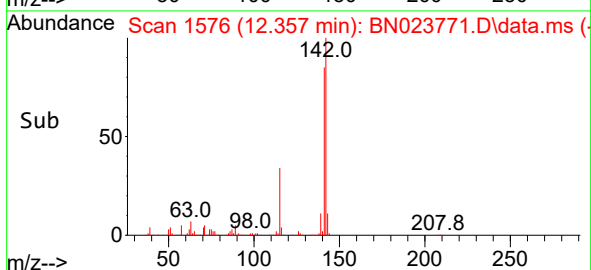
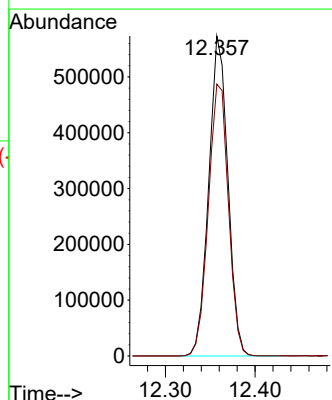
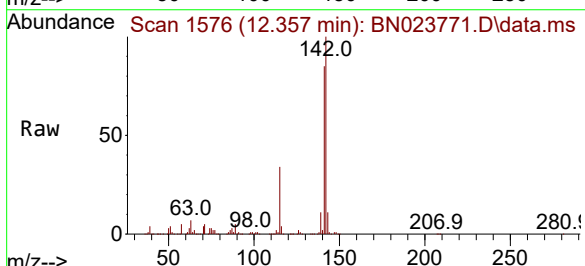
Instrument :
 BNA_N
 ClientSampleId :

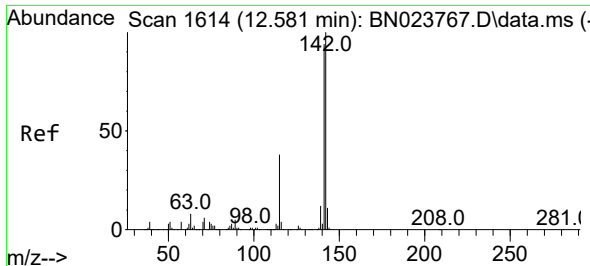
Tgt Ion:107 Resp: 407639
 Ion Ratio Lower Upper
 107 100
 144 26.5 21.9 32.9
 142 81.2 64.0 96.0



#36
 2-Methylnaphthalene
 Concen: 18.028 ng/ul
 RT: 12.357 min Scan# 1576
 Delta R.T. -0.000 min
 Lab File: BN023771.D
 Acq: 24 Jan 2023 11:23

Tgt Ion:142 Resp: 849372
 Ion Ratio Lower Upper
 142 100
 141 85.0 73.6 110.4

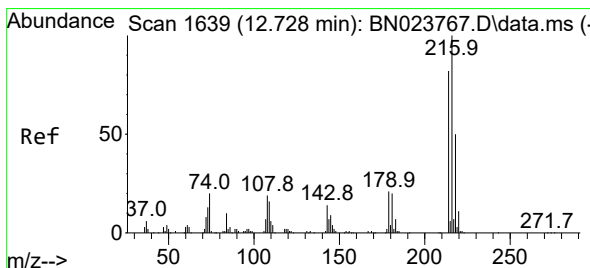
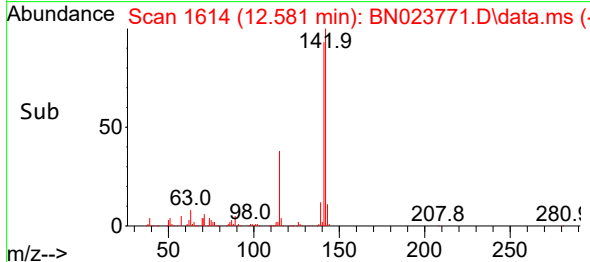
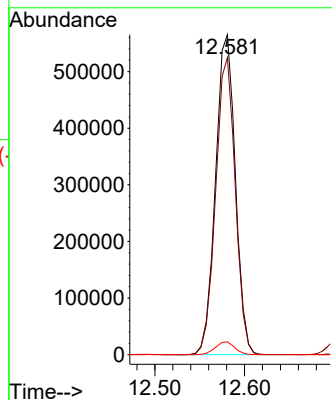
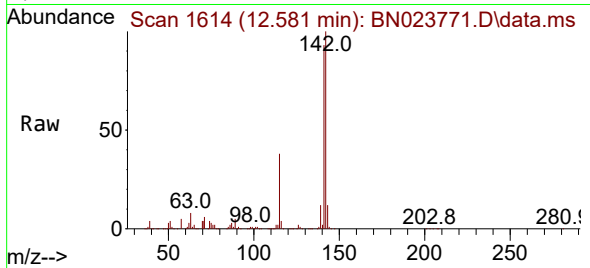




#37
1-Methylnaphthalene
Concen: 17.990 ng/ul
RT: 12.581 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BN023771.D
Acq: 24 Jan 2023 11:23

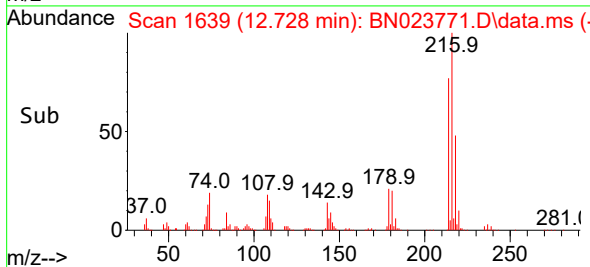
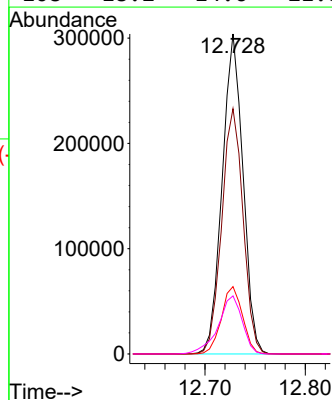
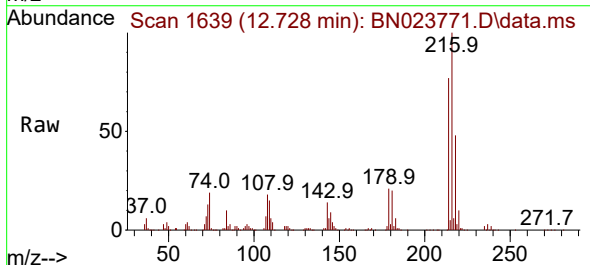
Instrument :
BNA_N
ClientSampleId :

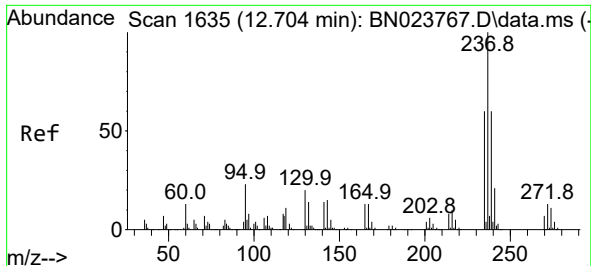
Tgt Ion:142 Resp: 865956
Ion Ratio Lower Upper
142 100
141 92.9 73.8 110.6
116 4.0 3.0 4.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 18.748 ng/ul
RT: 12.728 min Scan# 1639
Delta R.T. -0.000 min
Lab File: BN023771.D
Acq: 24 Jan 2023 11:23

Tgt Ion:216 Resp: 436662
Ion Ratio Lower Upper
216 100
214 76.7 62.4 93.6
179 21.1 16.2 24.2
108 18.2 14.6 21.8

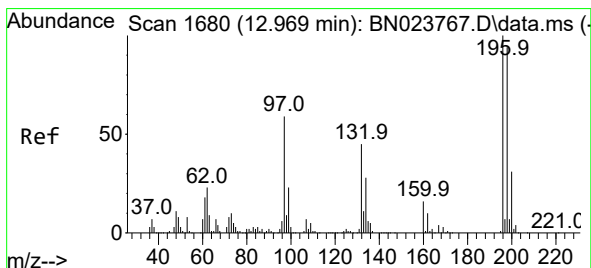
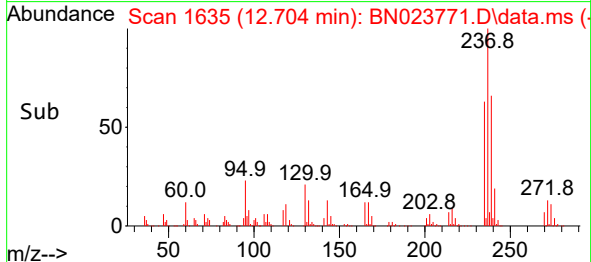
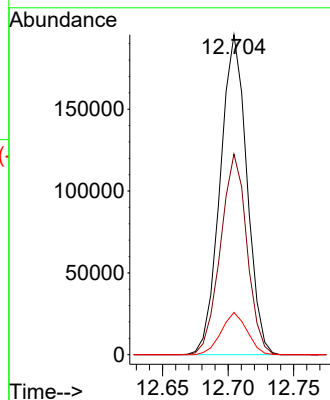
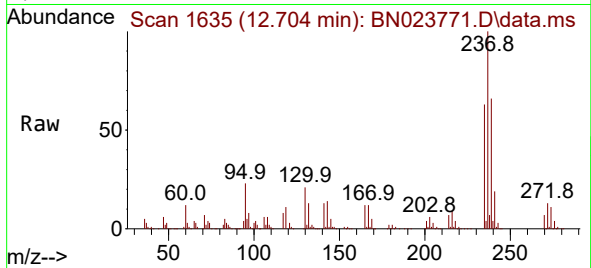




#40
Hexachlorocyclopentadiene
Concen: 18.835 ng/ul
RT: 12.704 min Scan# 1635
Delta R.T. -0.000 min
Lab File: BN023771.D
Acq: 24 Jan 2023 11:23

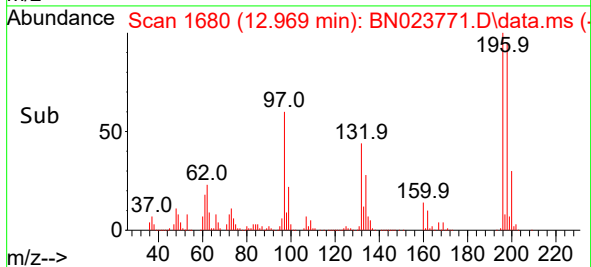
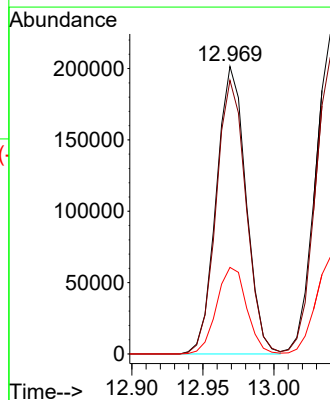
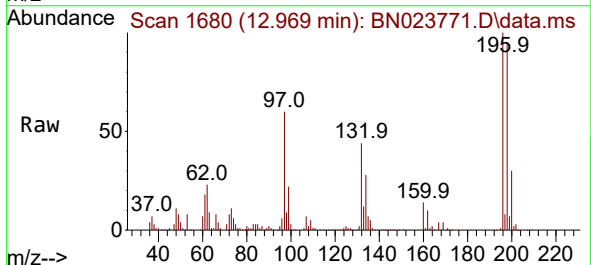
Instrument :
BNA_N
ClientSampleId :

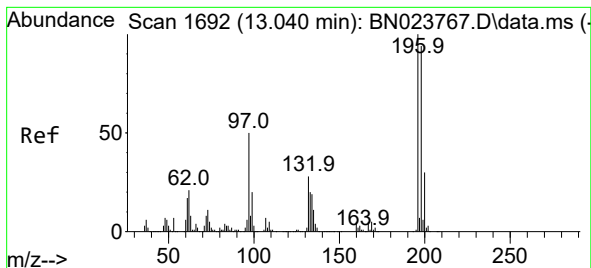
Tgt Ion:237 Resp: 276499
Ion Ratio Lower Upper
237 100
235 62.7 51.0 76.4
272 14.0 9.8 14.8



#41
2,4,6-Trichlorophenol
Concen: 19.084 ng/ul
RT: 12.969 min Scan# 1680
Delta R.T. -0.000 min
Lab File: BN023771.D
Acq: 24 Jan 2023 11:23

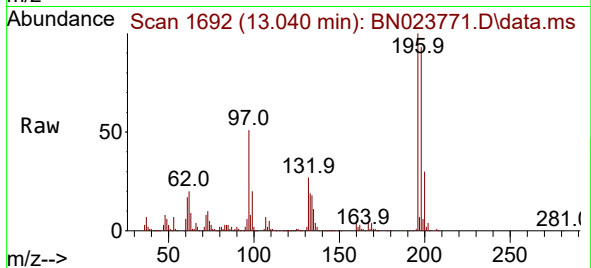
Tgt Ion:196 Resp: 292997
Ion Ratio Lower Upper
196 100
198 95.1 71.4 107.0
200 30.1 22.5 33.7



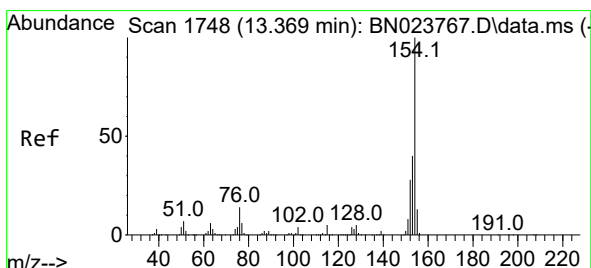
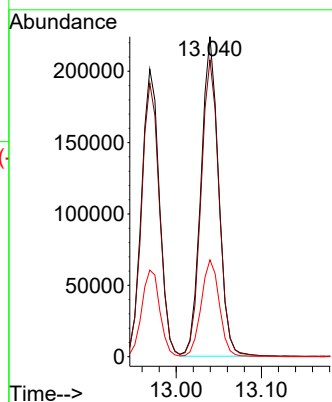
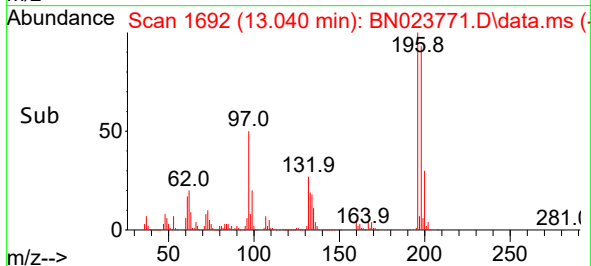


#42
2,4,5-Trichlorophenol
Concen: 19.172 ng/ul
RT: 13.040 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN023771.D
Acq: 24 Jan 2023 11:23

Instrument :
BNA_N
ClientSampleId :

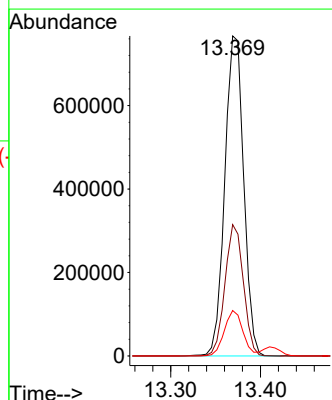
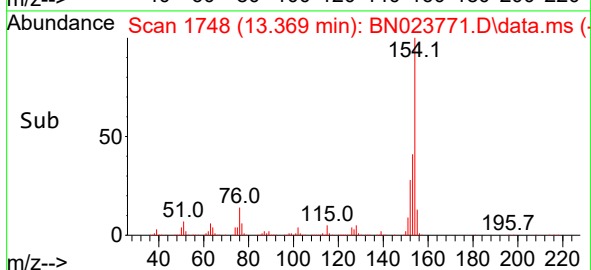
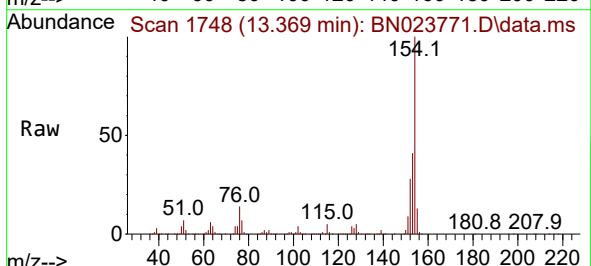


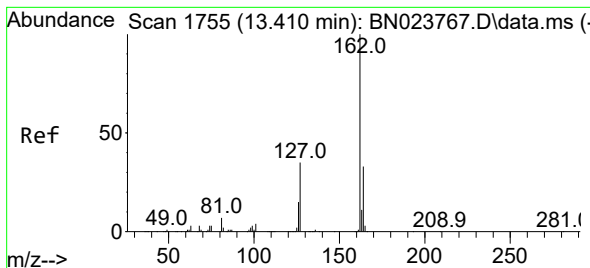
Tgt Ion:196 Resp: 321901
Ion Ratio Lower Upper
196 100
198 92.8 68.1 102.1
200 30.2 24.1 36.1



#43
1,1'-Biphenyl
Concen: 18.492 ng/ul
RT: 13.369 min Scan# 1748
Delta R.T. -0.000 min
Lab File: BN023771.D
Acq: 24 Jan 2023 11:23

Tgt Ion:154 Resp: 1123554
Ion Ratio Lower Upper
154 100
153 41.0 32.5 48.7
76 14.2 11.0 16.6





#44

2-Chloronaphthalene

Concen: 18.508 ng/ul

RT: 13.416 min Scan# 1755

Delta R.T. 0.006 min

Lab File: BN023771.D

Acq: 24 Jan 2023 11:23

Instrument :

BNA_N

ClientSampleId :

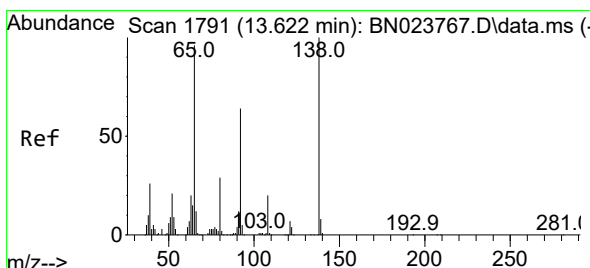
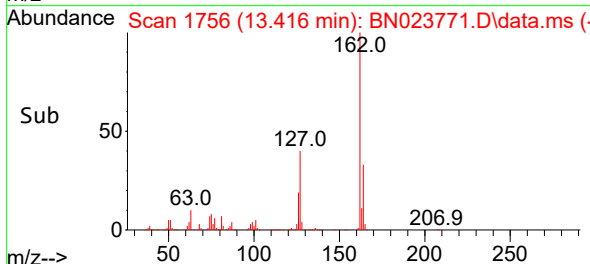
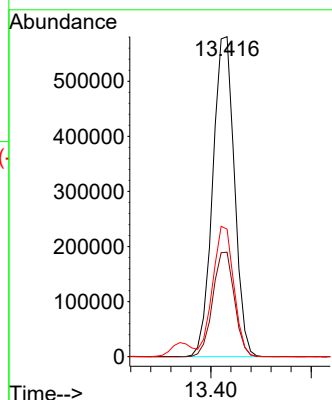
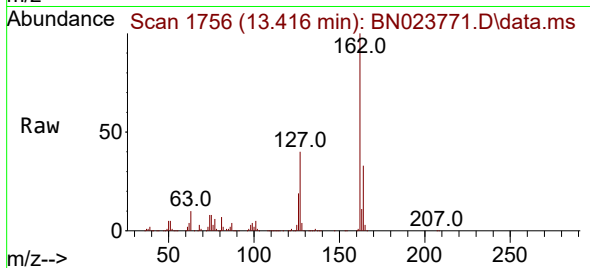
Tgt Ion:162 Resp: 872424

Ion Ratio Lower Upper

162 100

164 32.7 26.2 39.2

127 39.9 31.8 47.8



#45

2-Nitroaniline

Concen: 20.657 ng/ul

RT: 13.622 min Scan# 1791

Delta R.T. -0.000 min

Lab File: BN023771.D

Acq: 24 Jan 2023 11:23

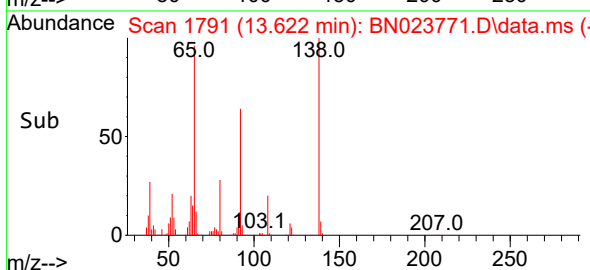
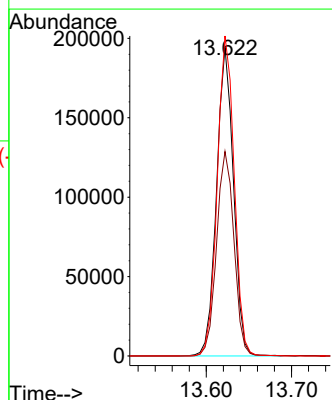
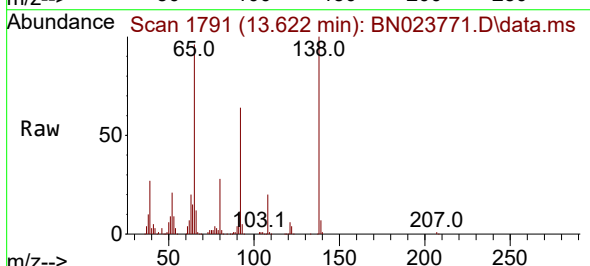
Tgt Ion: 65 Resp: 268532

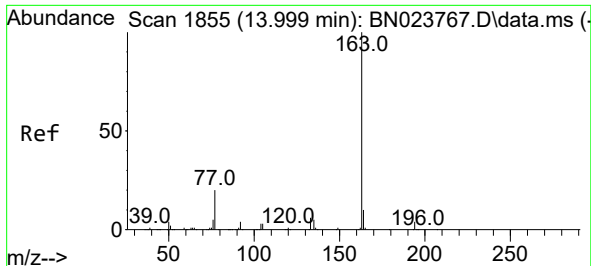
Ion Ratio Lower Upper

65 100

92 66.3 53.5 80.3

138 103.7 84.0 126.0





#47

Dimethylphthalate

Concen: 18.630 ng/ul

RT: 13.998 min Scan# 1855

Delta R.T. -0.000 min

Lab File: BN023771.D

Acq: 24 Jan 2023 11:23

Instrument :

BNA_N

ClientSampleId :

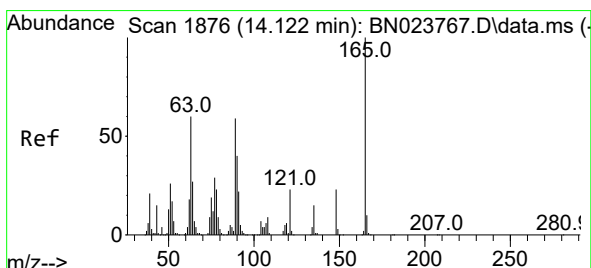
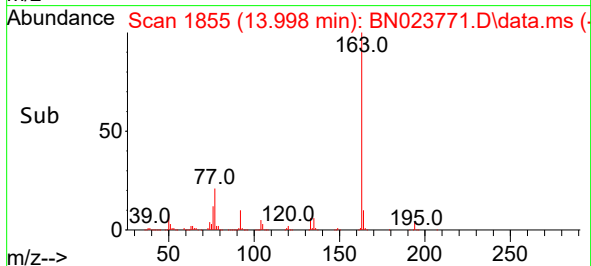
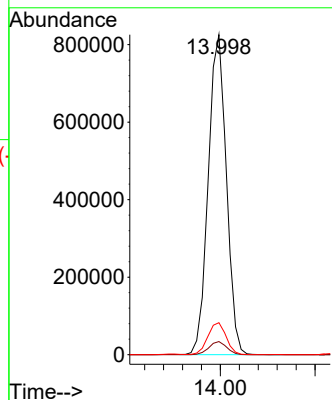
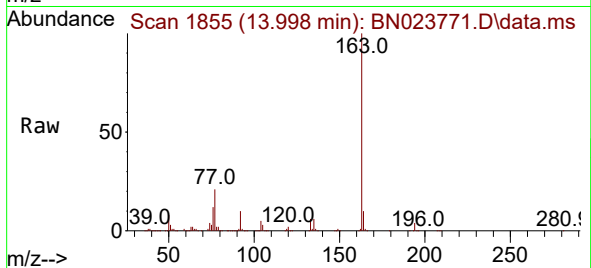
Tgt Ion:163 Resp: 1096696

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.0 7.9 11.9



#48

2,6-Dinitrotoluene

Concen: 19.872 ng/ul

RT: 14.122 min Scan# 1876

Delta R.T. -0.000 min

Lab File: BN023771.D

Acq: 24 Jan 2023 11:23

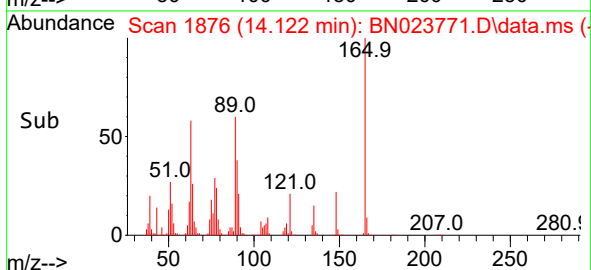
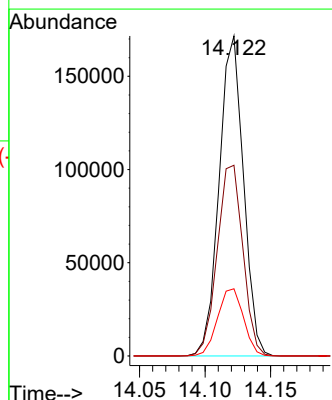
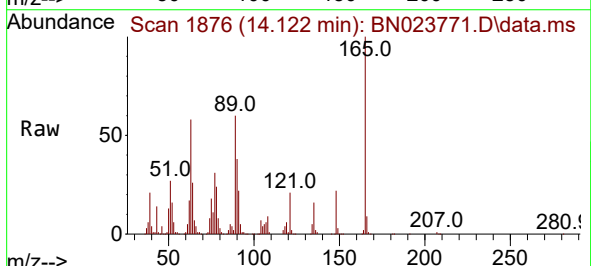
Tgt Ion:165 Resp: 221154

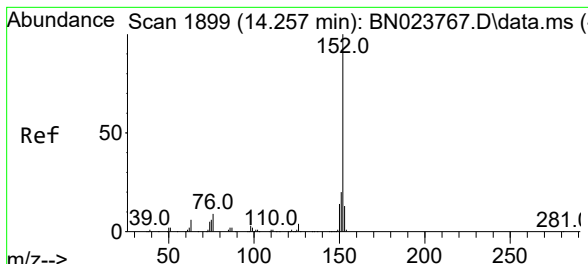
Ion Ratio Lower Upper

165 100

89 59.6 49.9 74.9

121 21.0 19.1 28.7



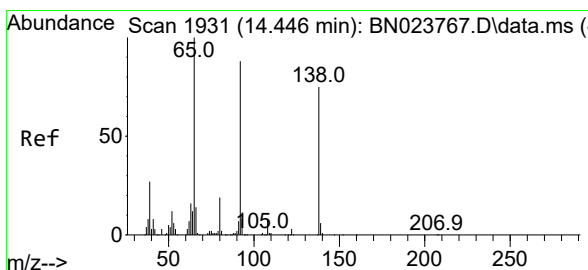
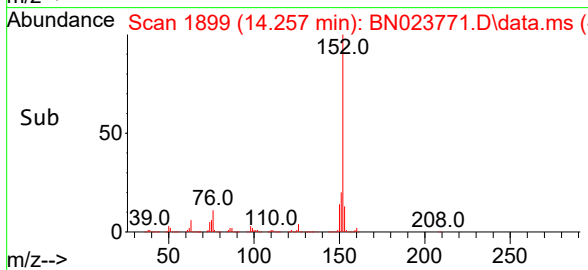
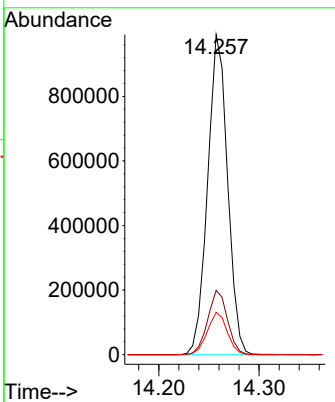
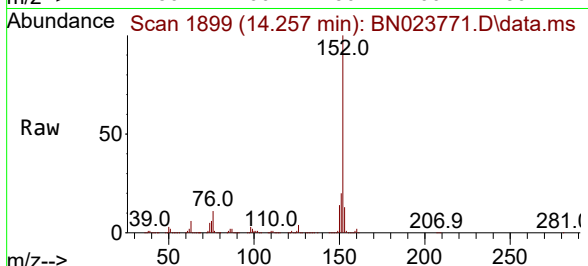


#50
 Acenaphthylene
 Concen: 18.984 ng/ul
 RT: 14.257 min Scan# 1899
 Delta R.T. -0.000 min
 Lab File: BN023771.D
 Acq: 24 Jan 2023 11:23

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:152 Resp: 1370143

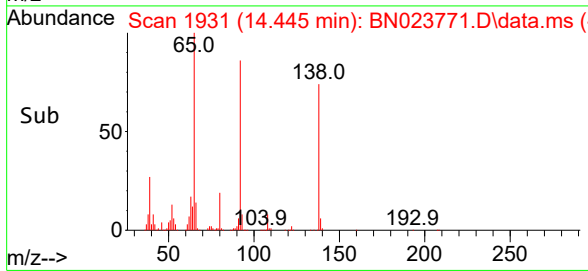
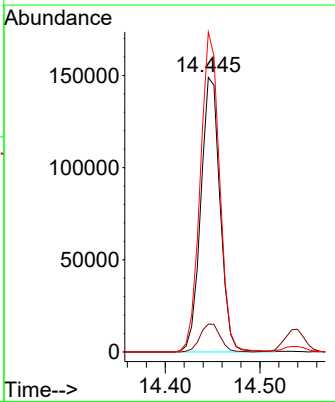
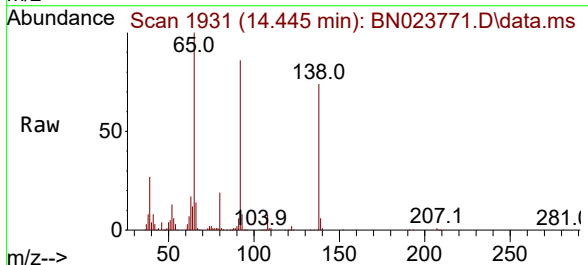
Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	13.2	10.2	15.4

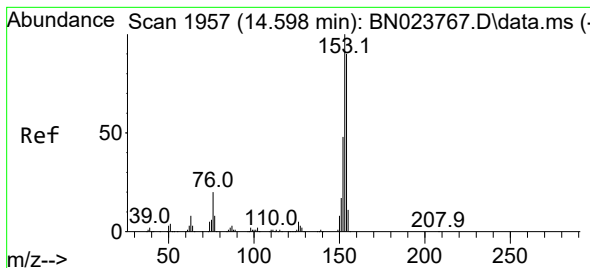


#51
 3-Nitroaniline
 Concen: 18.879 ng/ul
 RT: 14.445 min Scan# 1931
 Delta R.T. -0.000 min
 Lab File: BN023771.D
 Acq: 24 Jan 2023 11:23

Tgt Ion:138 Resp: 210545

Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.1	12.1
92	116.5	93.2	139.8





#52

Acenaphthene

Concen: 18.551 ng/ul

RT: 14.604 min Scan# 1958

Delta R.T. 0.006 min

Lab File: BN023771.D

Acq: 24 Jan 2023 11:23

Instrument :

BNA_N

ClientSampleId :

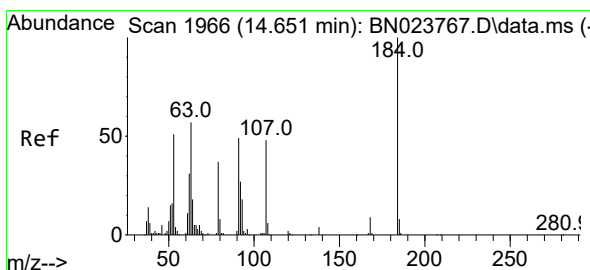
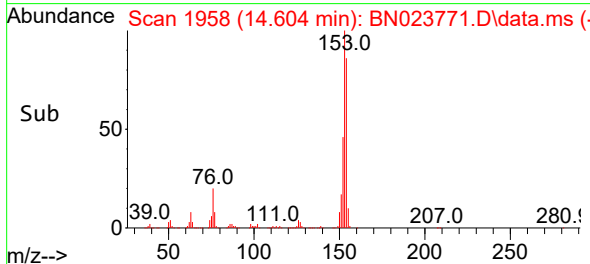
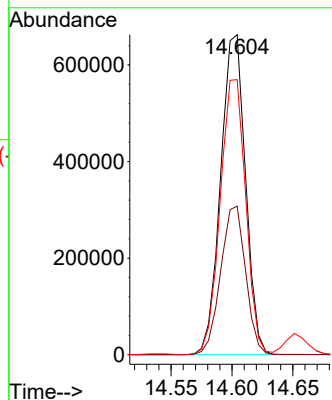
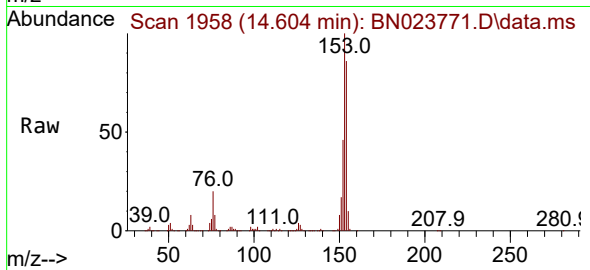
Tgt Ion:153 Resp: 943955

Ion Ratio Lower Upper

153 100

152 46.4 38.5 57.7

154 85.9 71.5 107.3



#53

2,4-Dinitrophenol

Concen: 13.096 ng/ul

RT: 14.651 min Scan# 1966

Delta R.T. -0.000 min

Lab File: BN023771.D

Acq: 24 Jan 2023 11:23

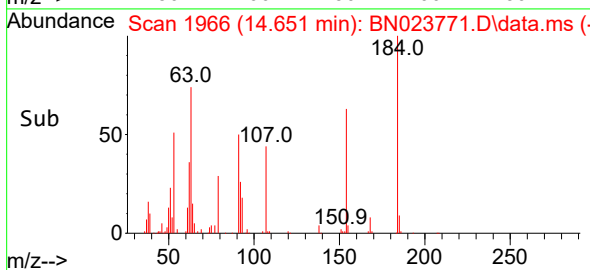
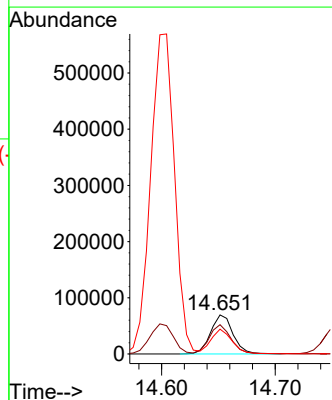
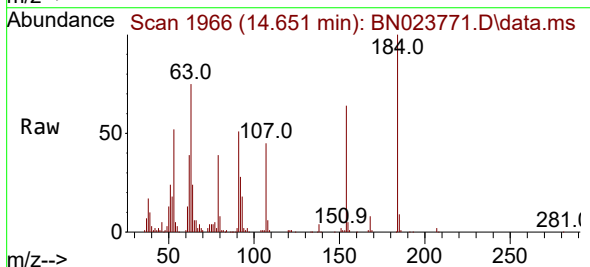
Tgt Ion:184 Resp: 95257

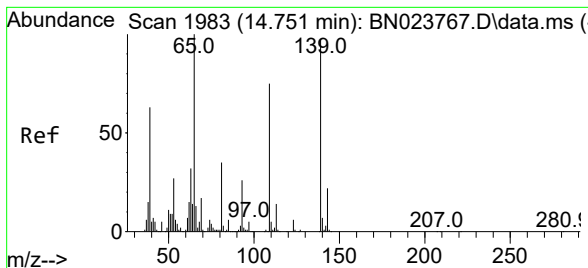
Ion Ratio Lower Upper

184 100

63 75.0 58.2 87.4

154 63.5 49.4 74.0

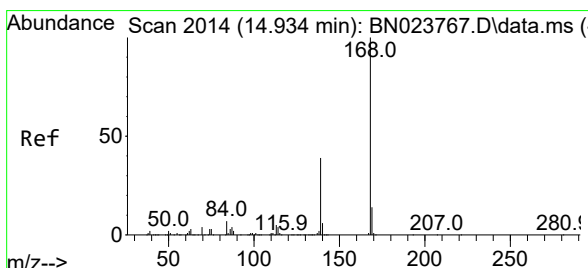
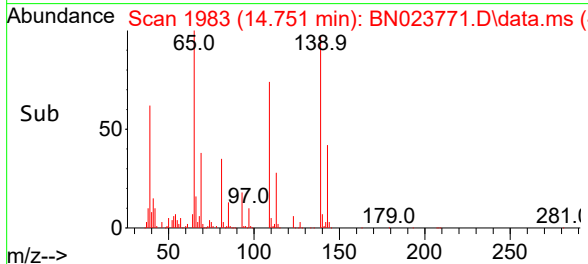
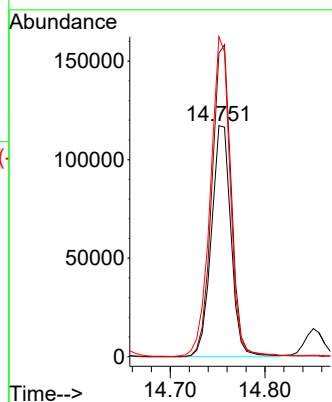
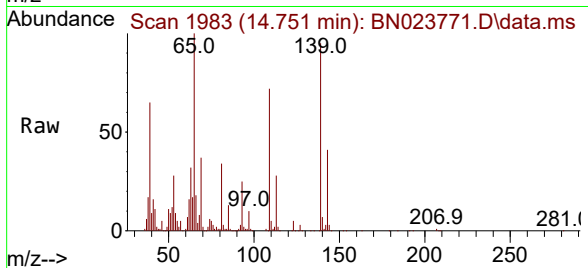




#55
4-Nitrophenol
Concen: 17.421 ng/ul
RT: 14.751 min Scan# 1983
Delta R.T. -0.000 min
Lab File: BN023771.D
Acq: 24 Jan 2023 11:23

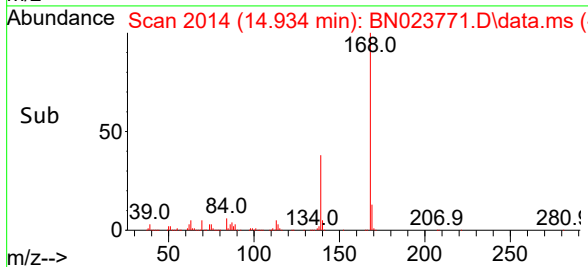
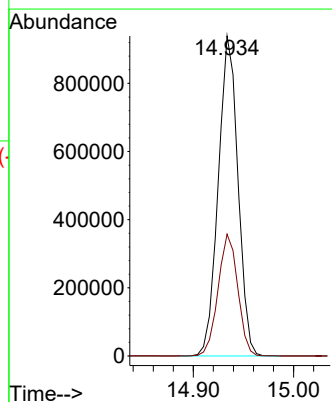
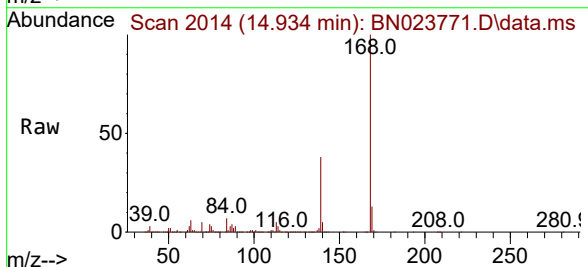
Instrument :
BNA_N
ClientSampleId :

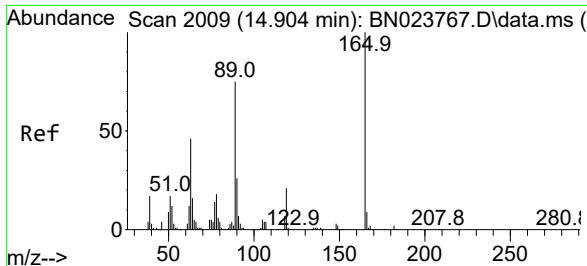
Tgt Ion:109 Resp: 167789
Ion Ratio Lower Upper
109 100
139 131.5 104.8 157.2
65 138.5 107.3 160.9



#56
Dibenzofuran
Concen: 18.061 ng/ul
RT: 14.934 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BN023771.D
Acq: 24 Jan 2023 11:23

Tgt Ion:168 Resp: 1279195
Ion Ratio Lower Upper
168 100
139 38.1 29.6 44.4

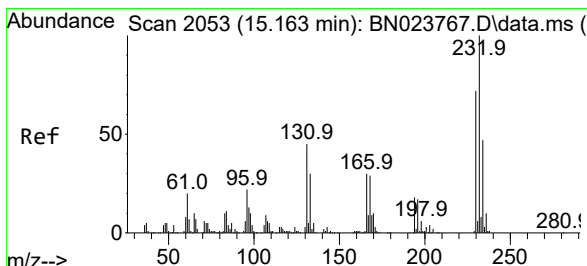
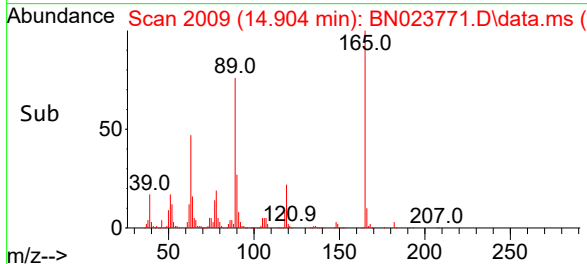
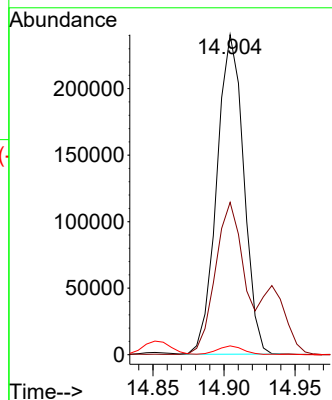
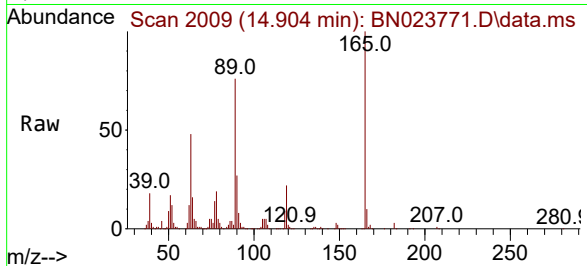




#57
2,4-Dinitrotoluene
Concen: 19.491 ng/ul
RT: 14.904 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BN023771.D
Acq: 24 Jan 2023 11:23

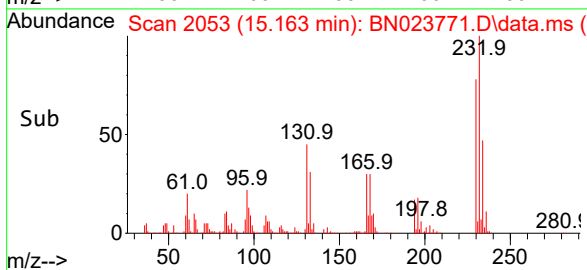
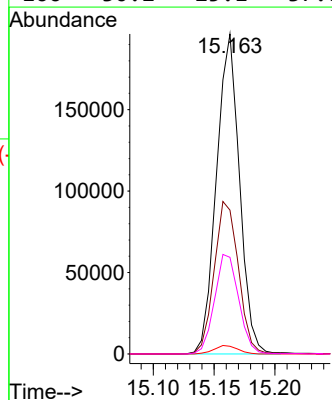
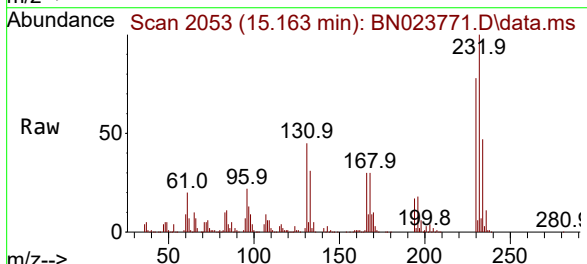
Instrument :
BNA_N
ClientSampleId :

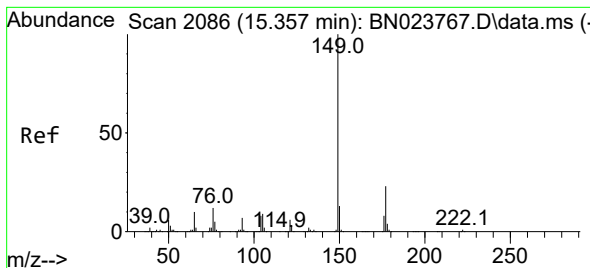
Tgt Ion:165 Resp: 316669
Ion Ratio Lower Upper
165 100
63 47.6 37.2 55.8
182 2.7 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 18.011 ng/ul
RT: 15.163 min Scan# 2053
Delta R.T. -0.000 min
Lab File: BN023771.D
Acq: 24 Jan 2023 11:23

Tgt Ion:232 Resp: 259130
Ion Ratio Lower Upper
232 100
131 44.9 39.5 59.3
130 2.4 2.2 3.4
166 30.2 25.1 37.7





#59

Diethylphthalate

Concen: 18.320 ng/ul

RT: 15.363 min Scan# 2086

Delta R.T. 0.006 min

Lab File: BN023771.D

Acq: 24 Jan 2023 11:23

Instrument :

BNA_N

ClientSampleId :

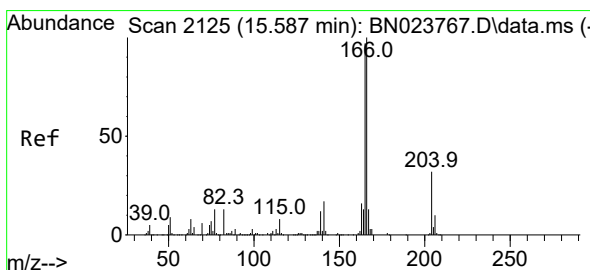
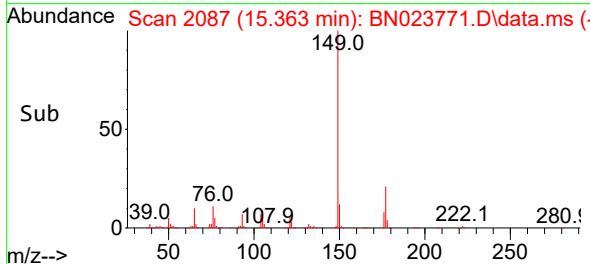
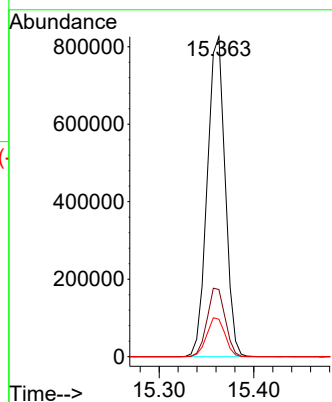
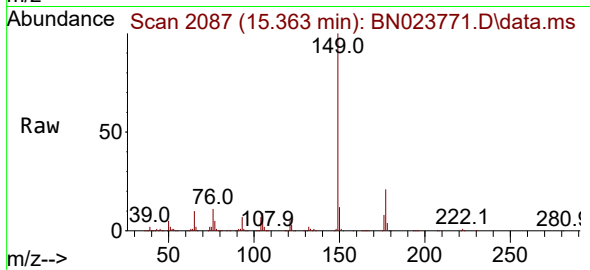
Tgt Ion:149 Resp: 1080289

Ion Ratio Lower Upper

149 100

177 21.0 17.9 26.9

150 11.7 9.9 14.9



#61

Fluorene

Concen: 18.085 ng/ul

RT: 15.587 min Scan# 2125

Delta R.T. -0.000 min

Lab File: BN023771.D

Acq: 24 Jan 2023 11:23

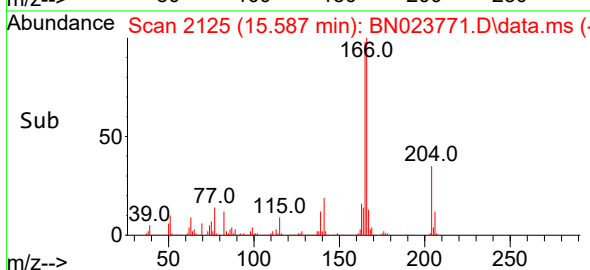
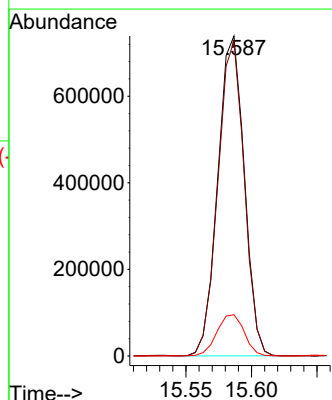
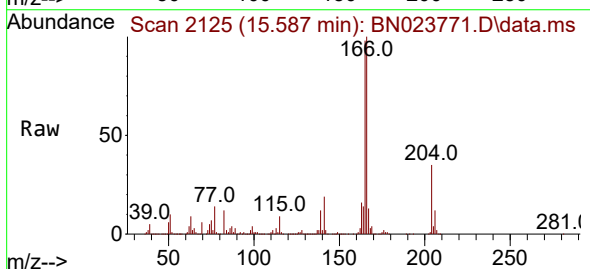
Tgt Ion:166 Resp: 1037272

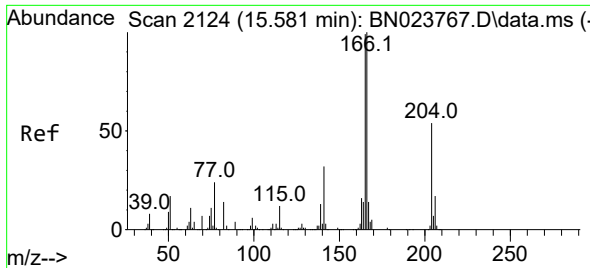
Ion Ratio Lower Upper

166 100

165 98.4 77.8 116.6

167 12.9 10.4 15.6

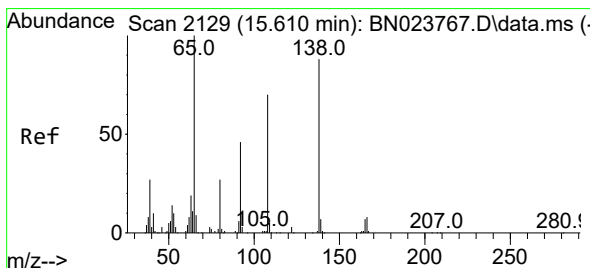
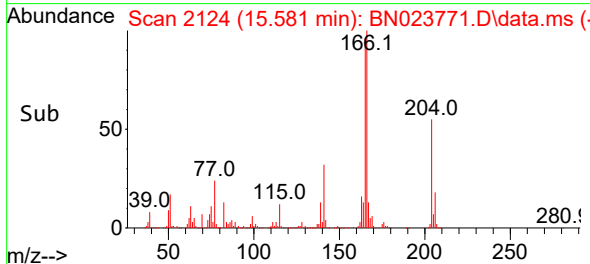
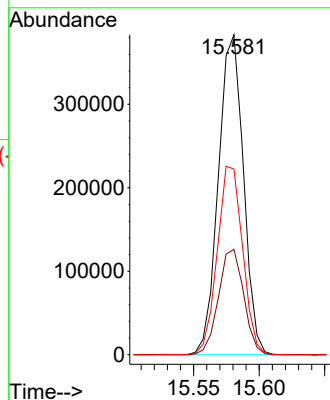
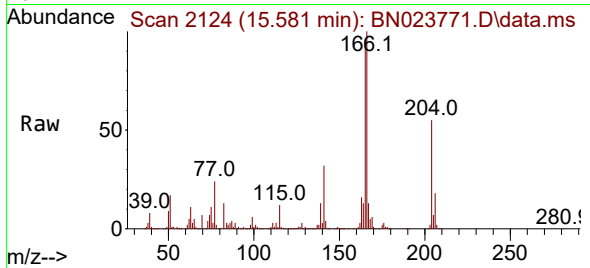




#62
 4-Chlorophenyl-phenylether
 Concen: 18.220 ng/ul
 RT: 15.581 min Scan# 2124
 Delta R.T. -0.000 min
 Lab File: BN023771.D
 Acq: 24 Jan 2023 11:23

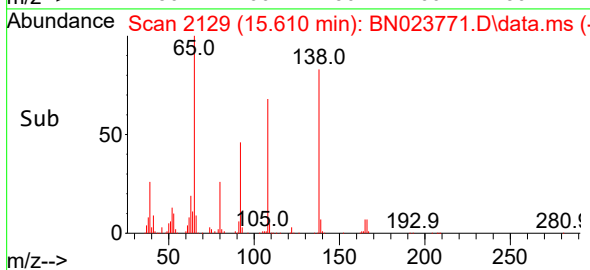
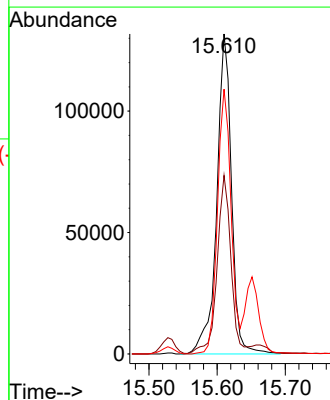
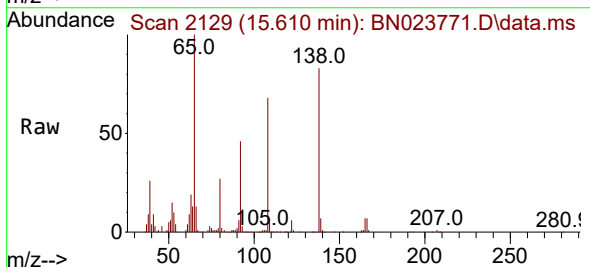
Instrument :
 BNA_N
 ClientSampleId :

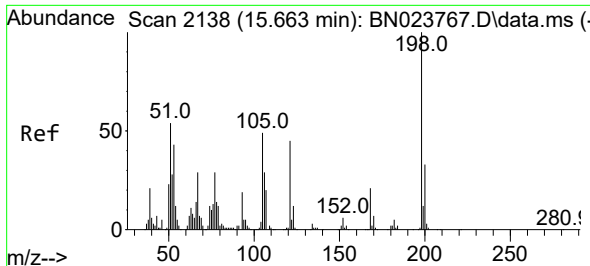
Tgt Ion:204 Resp: 508736
 Ion Ratio Lower Upper
 204 100
 206 32.9 27.0 40.6
 141 58.0 51.0 76.4



#63
 4-Nitroaniline
 Concen: 19.358 ng/ul
 RT: 15.610 min Scan# 2129
 Delta R.T. -0.000 min
 Lab File: BN023771.D
 Acq: 24 Jan 2023 11:23

Tgt Ion:138 Resp: 198767
 Ion Ratio Lower Upper
 138 100
 92 55.8 41.3 61.9
 108 82.7 64.2 96.2

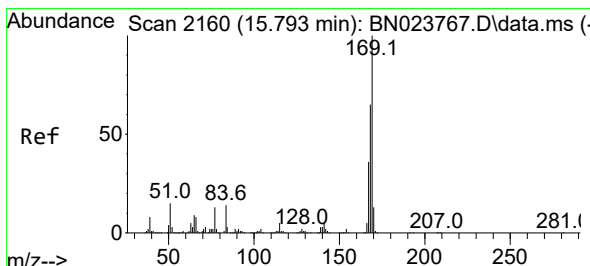
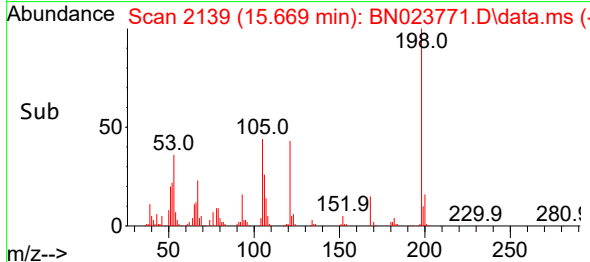
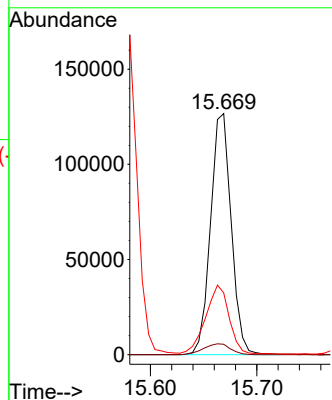
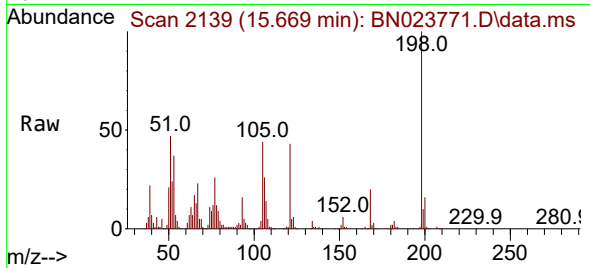




#66
4,6-Dinitro-2-methylphenol
Concen: 18.987 ng/ul
RT: 15.669 min Scan# 2138
Delta R.T. 0.006 min
Lab File: BN023771.D
Acq: 24 Jan 2023 11:23

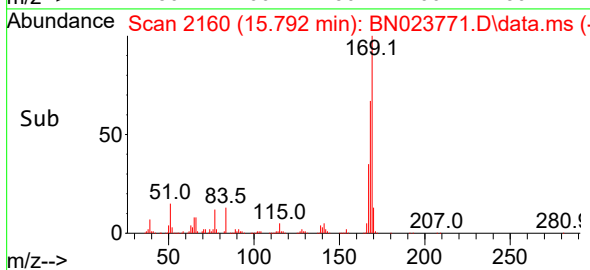
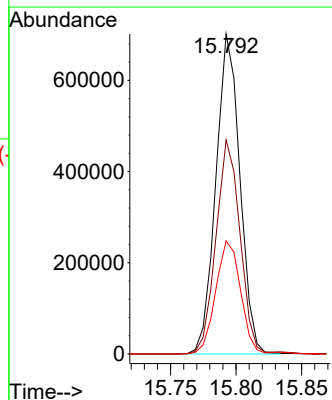
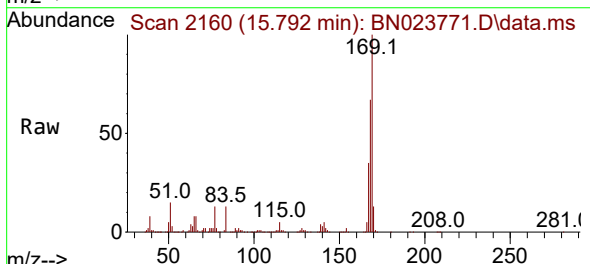
Instrument :
BNA_N
ClientSampleId :

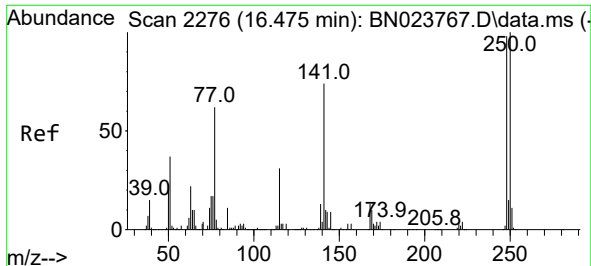
Tgt Ion:198 Resp: 170941
Ion Ratio Lower Upper
198 100
182 4.3 3.6 5.4
77 25.6 21.2 31.8



#67
N-Nitrosodiphenylamine
Concen: 21.028 ng/ul
RT: 15.792 min Scan# 2160
Delta R.T. -0.000 min
Lab File: BN023771.D
Acq: 24 Jan 2023 11:23

Tgt Ion:169 Resp: 892465
Ion Ratio Lower Upper
169 100
168 66.9 53.4 80.2
167 35.3 29.0 43.4

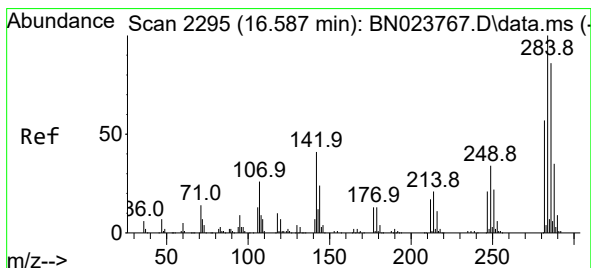
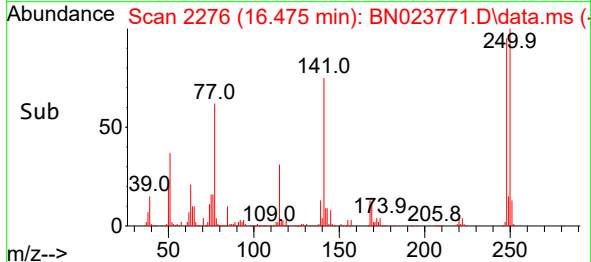
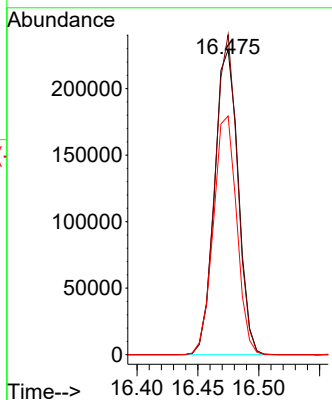
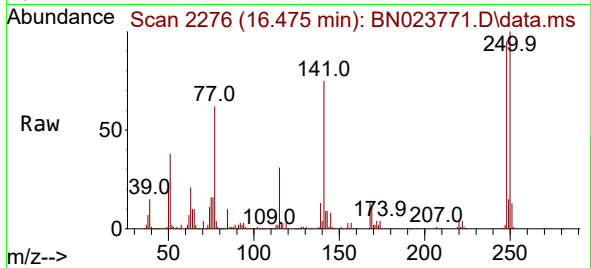




#68
4-Bromophenyl-phenylether
Concen: 20.423 ng/ul
RT: 16.475 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN023771.D
Acq: 24 Jan 2023 11:23

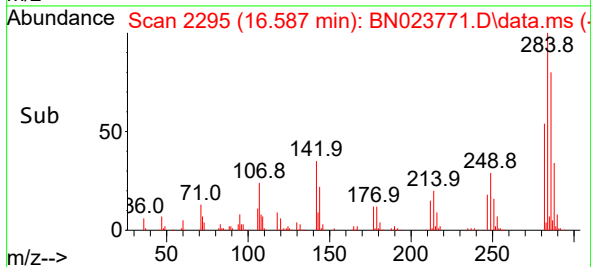
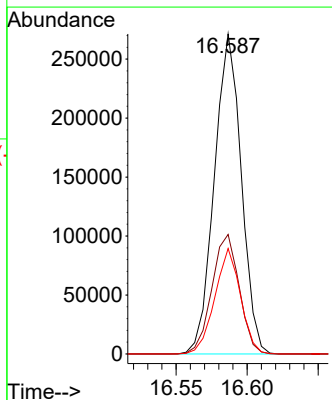
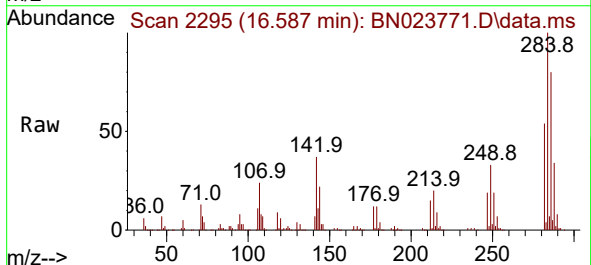
Instrument :
BNA_N
ClientSampleId :

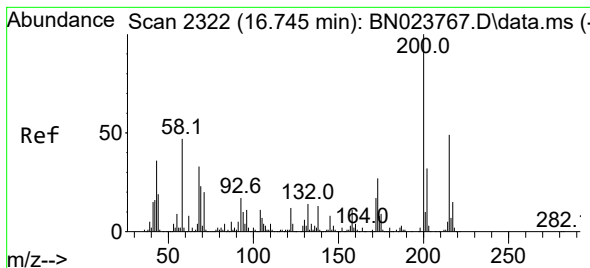
Tgt Ion:248 Resp: 309582
Ion Ratio Lower Upper
248 100
250 104.9 76.4 114.6
141 78.3 58.0 87.0



#69
Hexachlorobenzene
Concen: 20.144 ng/ul
RT: 16.587 min Scan# 2295
Delta R.T. -0.000 min
Lab File: BN023771.D
Acq: 24 Jan 2023 11:23

Tgt Ion:284 Resp: 357829
Ion Ratio Lower Upper
284 100
142 37.4 28.9 43.3
249 32.9 24.2 36.2





#70

Atrazine

Concen: 18.733 ng/ul

RT: 16.745 min Scan# 2322

Delta R.T. -0.000 min

Lab File: BN023771.D

Acq: 24 Jan 2023 11:23

Instrument :

BNA_N

ClientSampleId :

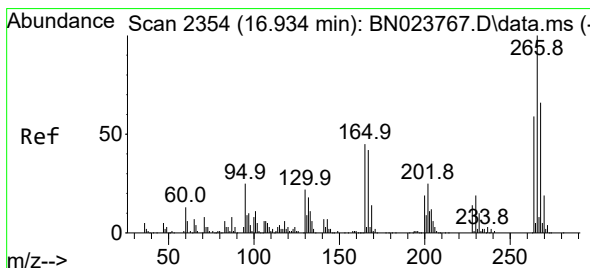
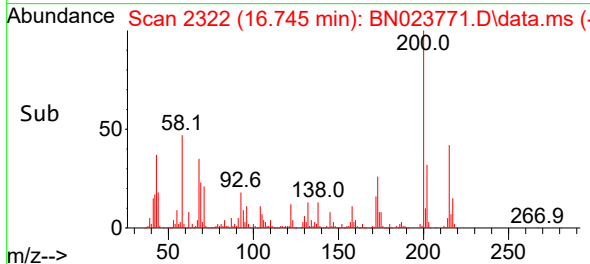
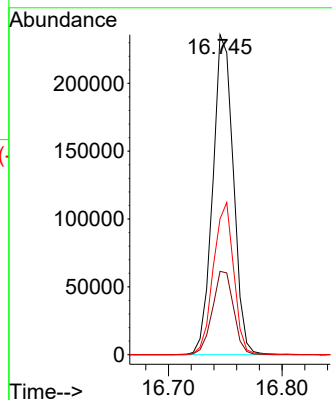
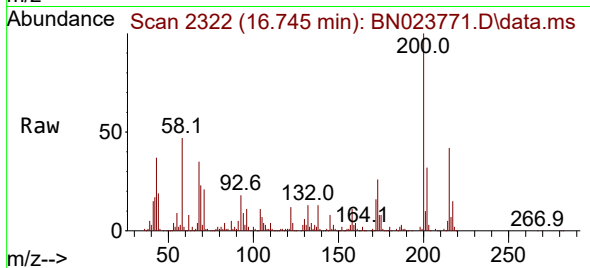
Tgt Ion:200 Resp: 297549

Ion Ratio Lower Upper

200 100

173 26.1 21.4 32.2

215 42.4 39.0 58.6



#71

Pentachlorophenol

Concen: 19.086 ng/ul

RT: 16.934 min Scan# 2354

Delta R.T. -0.000 min

Lab File: BN023771.D

Acq: 24 Jan 2023 11:23

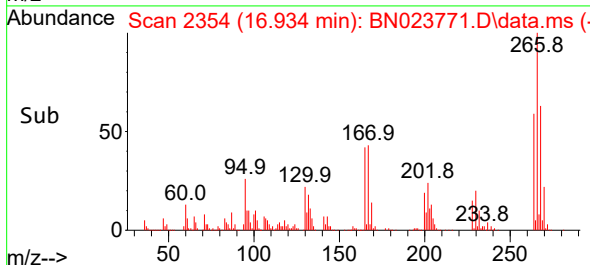
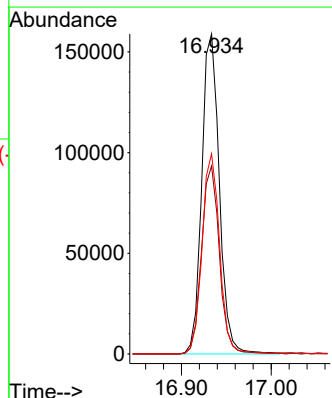
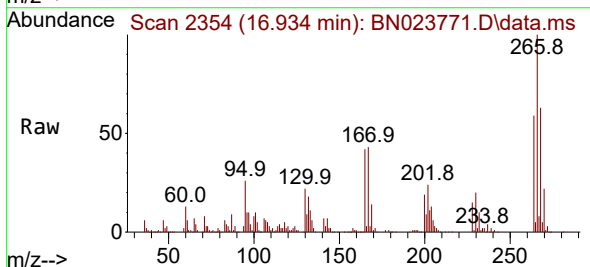
Tgt Ion:266 Resp: 216380

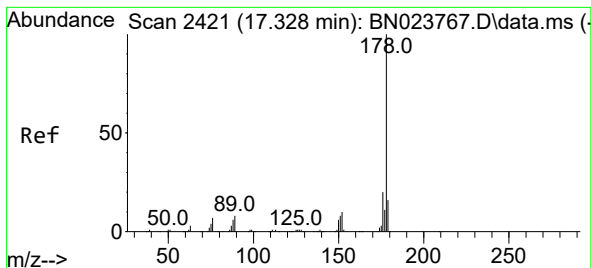
Ion Ratio Lower Upper

266 100

264 58.7 51.4 77.0

268 62.6 54.5 81.7





#72

Phenanthrene

Concen: 17.774 ng/ul

RT: 17.328 min Scan# 2421

Delta R.T. -0.000 min

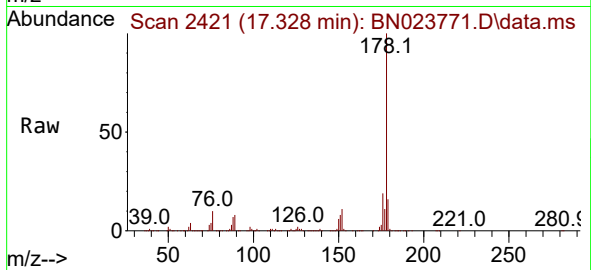
Lab File: BN023771.D

Acq: 24 Jan 2023 11:23

Instrument :

BNA_N

ClientSampleId :



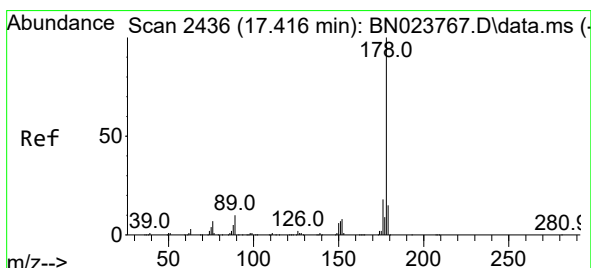
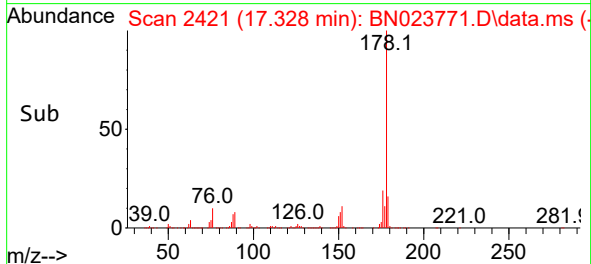
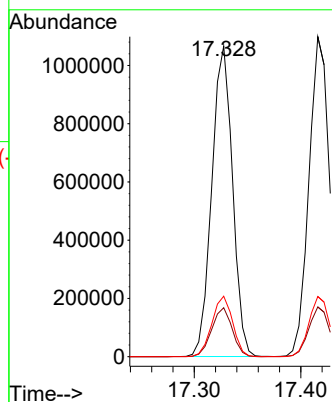
Tgt Ion:178 Resp: 1440317

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

176 19.5 15.2 22.8



#74

Anthracene

Concen: 18.333 ng/ul

RT: 17.416 min Scan# 2436

Delta R.T. -0.000 min

Lab File: BN023771.D

Acq: 24 Jan 2023 11:23

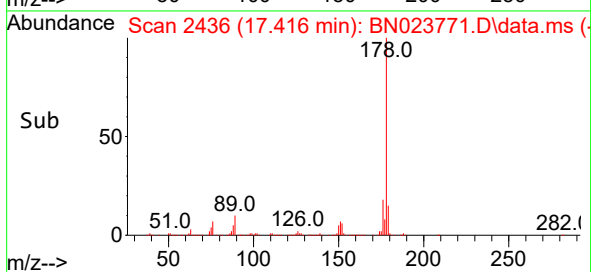
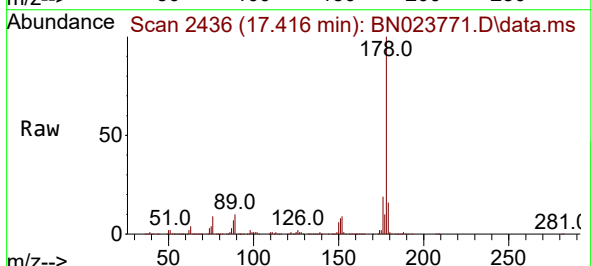
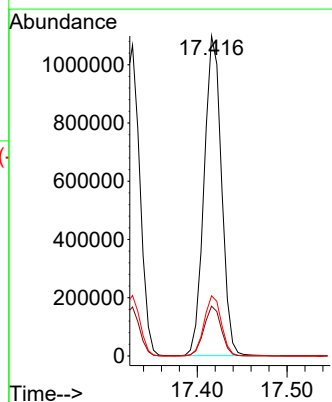
Tgt Ion:178 Resp: 1478515

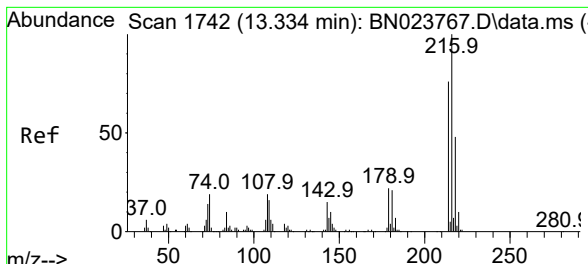
Ion Ratio Lower Upper

178 100

179 15.6 12.6 19.0

176 18.8 15.1 22.7

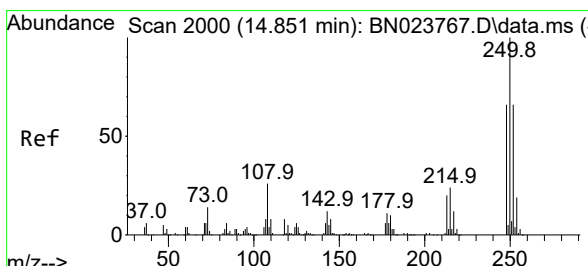
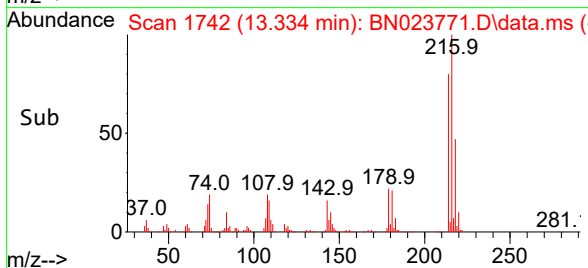
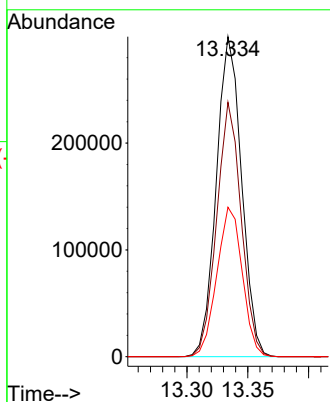
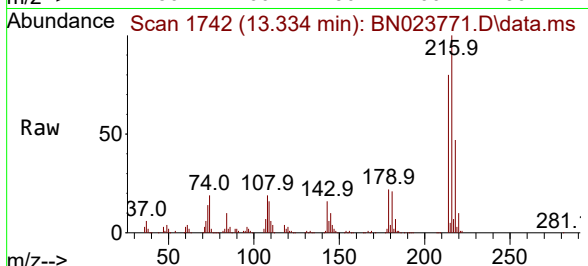




#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 21.283 ng/uL
 RT: 13.334 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN023771.D
 Acq: 24 Jan 2023 11:23

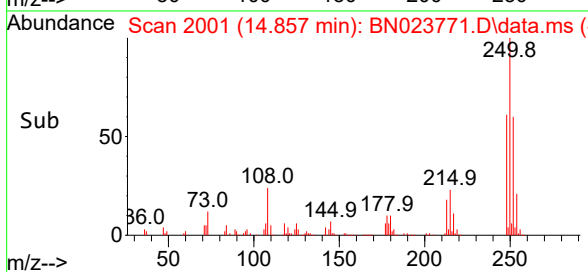
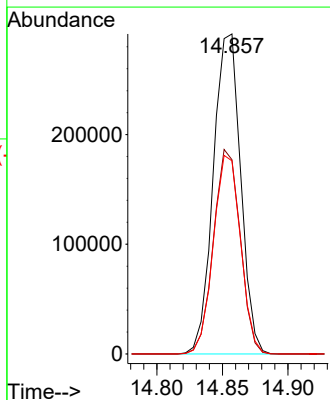
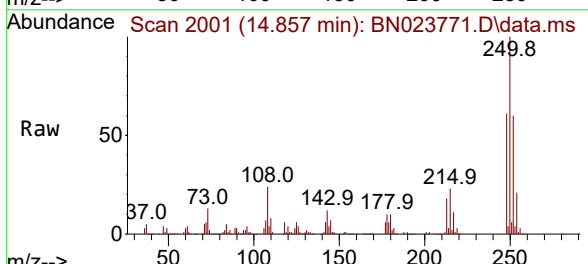
Instrument :
 BNA_N
 ClientSampleId :

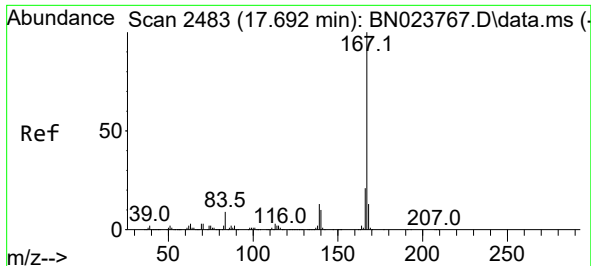
Tgt Ion:	216	Resp:	433333
Ion Ratio	Lower	Upper	
216	100		
214	79.5	61.0	91.4
218	46.7	39.8	59.8



#76
 Pentachlorobenzene
 Concen: 20.741 ng/uL
 RT: 14.857 min Scan# 2001
 Delta R.T. 0.006 min
 Lab File: BN023771.D
 Acq: 24 Jan 2023 11:23

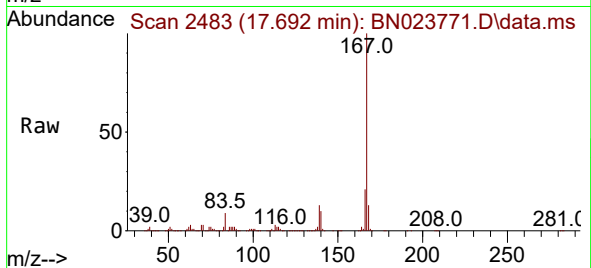
Tgt Ion:	250	Resp:	423020
Ion Ratio	Lower	Upper	
250	100		
248	60.7	50.3	75.5
252	60.3	48.9	73.3





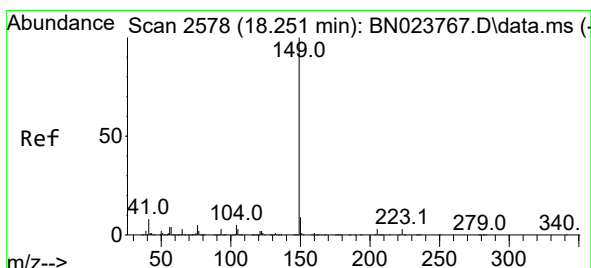
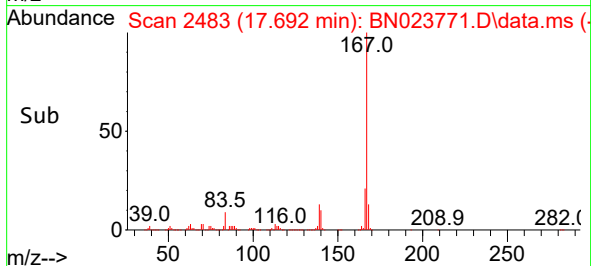
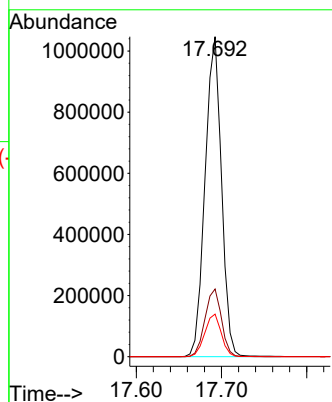
#77
 Carbazole
 Concen: 19.102 ng/ul
 RT: 17.692 min Scan# 2483
 Delta R.T. -0.000 min
 Lab File: BN023771.D
 Acq: 24 Jan 2023 11:23

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:167 Resp: 1398792

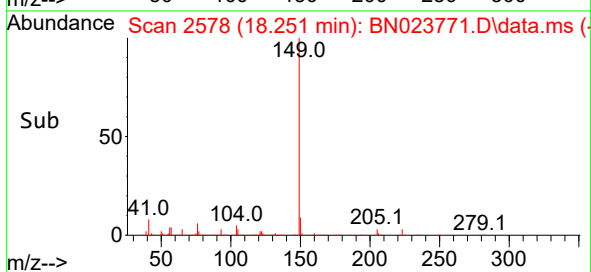
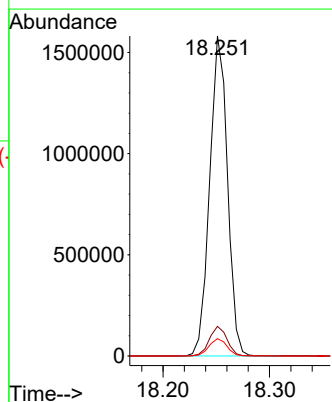
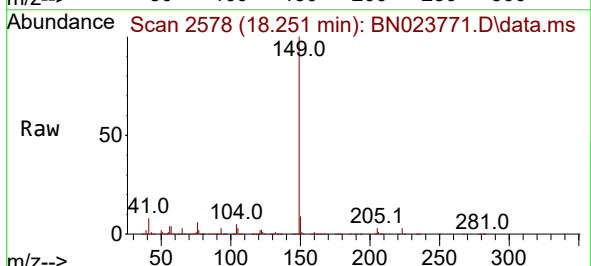
Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.4	26.2
139	13.3	11.0	16.6

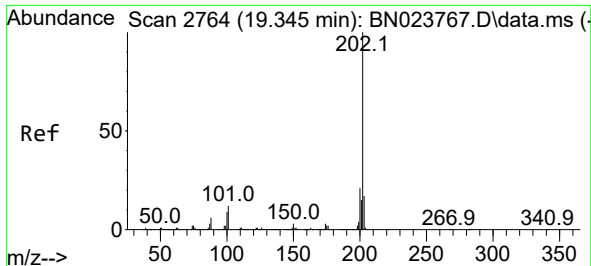


#78
 Di-n-butylphthalate
 Concen: 21.086 ng/ul
 RT: 18.251 min Scan# 2578
 Delta R.T. -0.000 min
 Lab File: BN023771.D
 Acq: 24 Jan 2023 11:23

Tgt Ion:149 Resp: 1833215

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	5.4	4.3	6.5

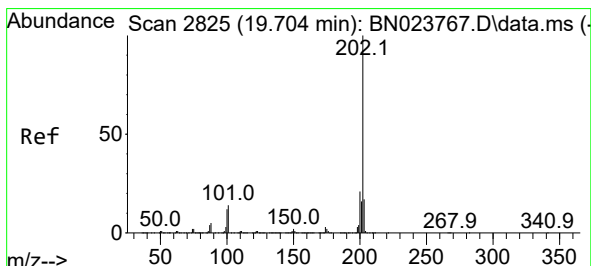
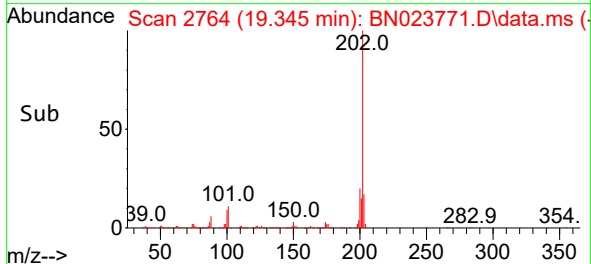
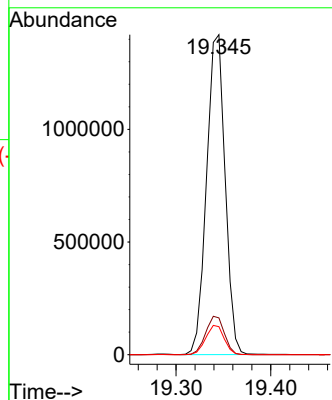
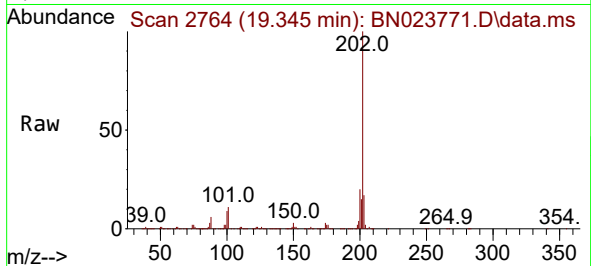




#80
Fluoranthene
Concen: 18.308 ng/ul
RT: 19.345 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN023771.D
Acq: 24 Jan 2023 11:23

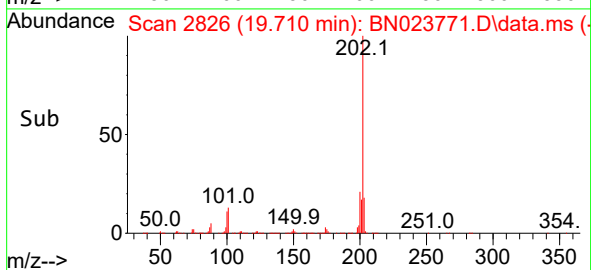
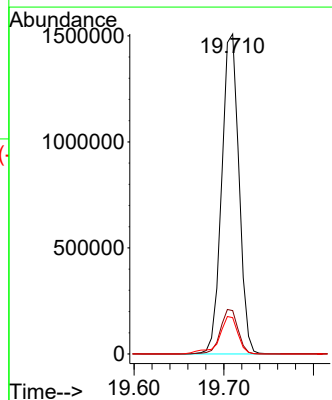
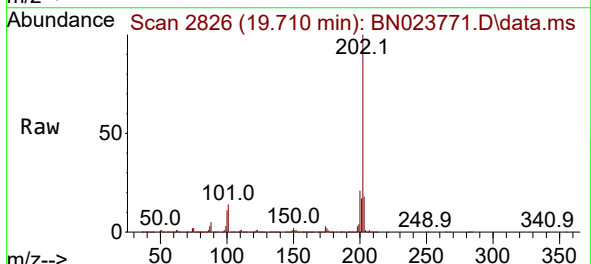
Instrument :
BNA_N
ClientSampleId :

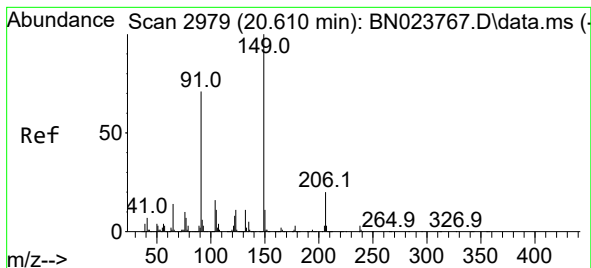
Tgt Ion:202 Resp: 1929416
Ion Ratio Lower Upper
202 100
101 11.5 9.5 14.3
100 8.8 7.3 10.9



#82
Pyrene
Concen: 18.057 ng/ul
RT: 19.710 min Scan# 2826
Delta R.T. 0.006 min
Lab File: BN023771.D
Acq: 24 Jan 2023 11:23

Tgt Ion:202 Resp: 2009963
Ion Ratio Lower Upper
202 100
101 13.5 10.9 16.3
100 11.3 8.9 13.3





#83

Butylbenzylphthalate

Concen: 19.576 ng/ul

RT: 20.604 min Scan# 2978

Delta R.T. -0.006 min

Lab File: BN023771.D

Acq: 24 Jan 2023 11:23

Instrument :

BNA_N

ClientSampleId :

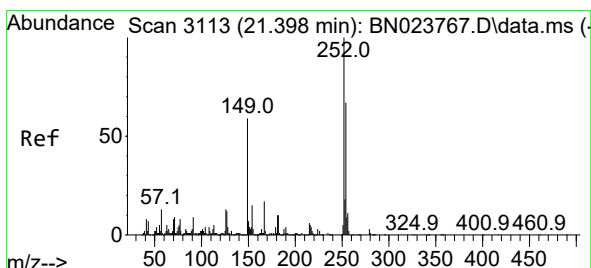
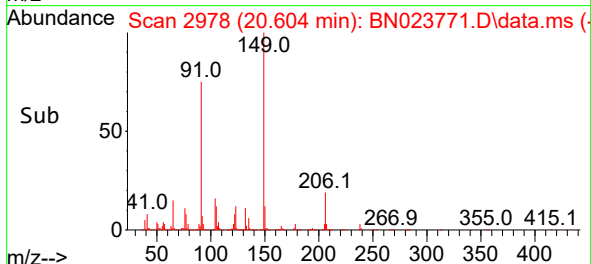
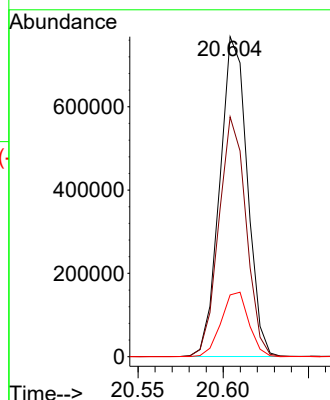
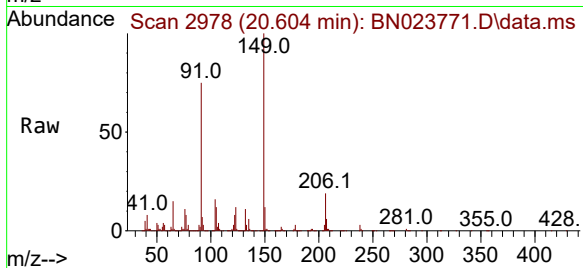
Tgt Ion:149 Resp: 862668

Ion Ratio Lower Upper

149 100

91 74.9 57.9 86.9

206 19.3 16.8 25.2



#84

3,3'-Dichlorobenzidine

Concen: 20.056 ng/ul

RT: 21.398 min Scan# 3113

Delta R.T. -0.000 min

Lab File: BN023771.D

Acq: 24 Jan 2023 11:23

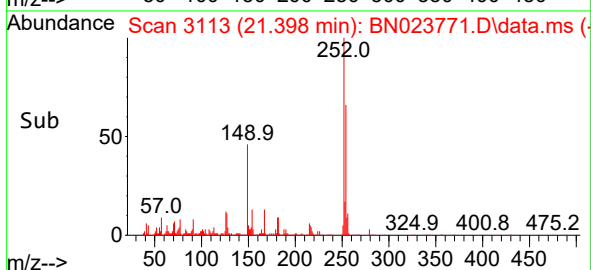
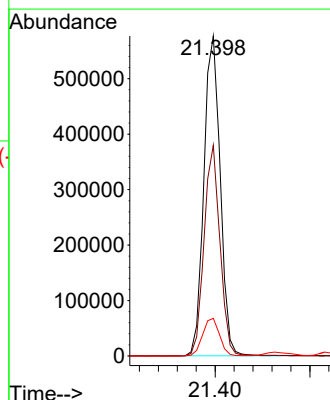
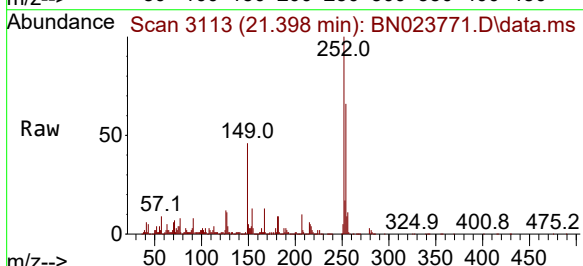
Tgt Ion:252 Resp: 690232

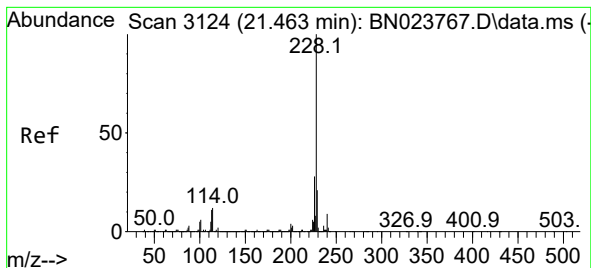
Ion Ratio Lower Upper

252 100

254 65.9 51.2 76.8

126 11.7 8.8 13.2





#85

Benzo(a)anthracene

Concen: 18.298 ng/ul

RT: 21.463 min Scan# 3124

Delta R.T. -0.000 min

Lab File: BN023771.D

Acq: 24 Jan 2023 11:23

Instrument :

BNA_N

ClientSampleId :

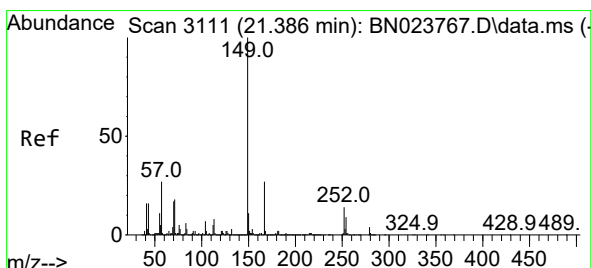
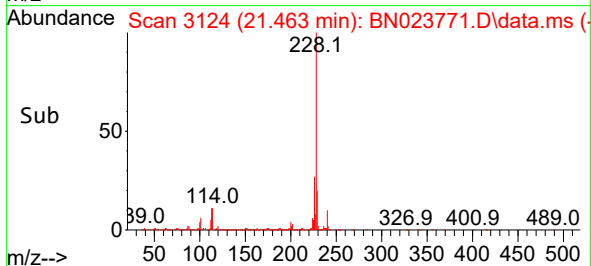
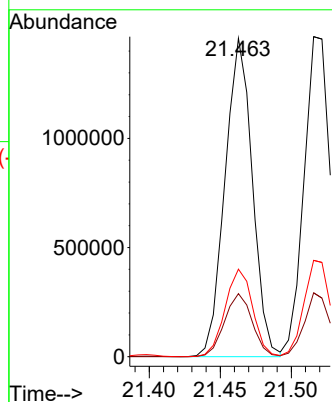
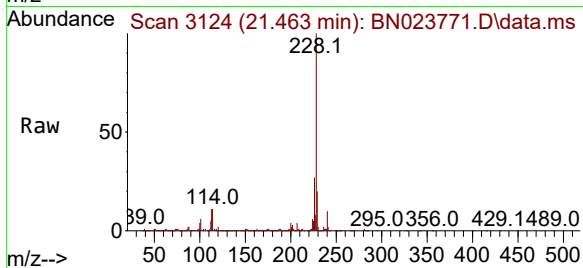
Tgt Ion:228 Resp: 1952717

Ion Ratio Lower Upper

228 100

229 19.8 15.0 22.4

226 27.5 22.1 33.1



#86

Bis(2-ethylhexyl)phthalate

Concen: 19.580 ng/ul

RT: 21.386 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BN023771.D

Acq: 24 Jan 2023 11:23

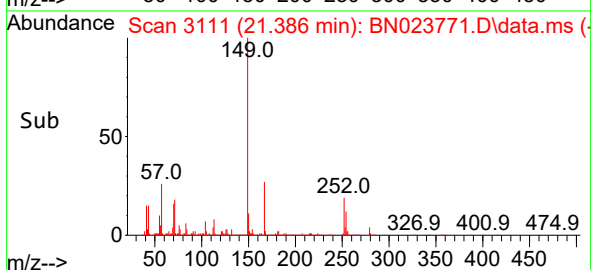
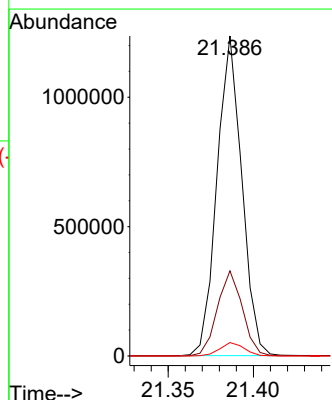
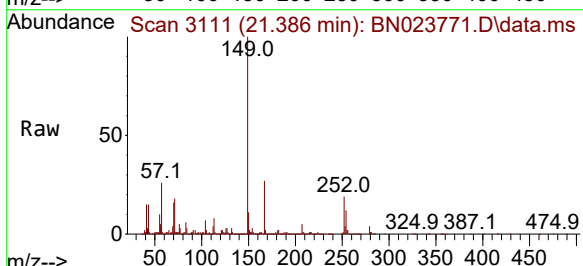
Tgt Ion:149 Resp: 1252786

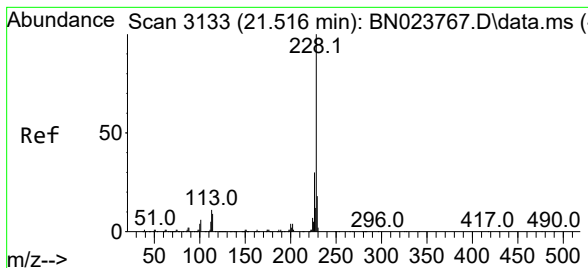
Ion Ratio Lower Upper

149 100

167 26.6 22.0 33.0

279 4.2 3.4 5.2





#87

Chrysene

Concen: 18.965 ng/ul

RT: 21.516 min Scan# 3133

Delta R.T. -0.000 min

Lab File: BN023771.D

Acq: 24 Jan 2023 11:23

Instrument :

BNA_N

ClientSampleId :

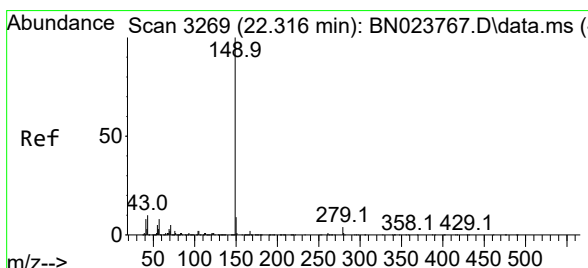
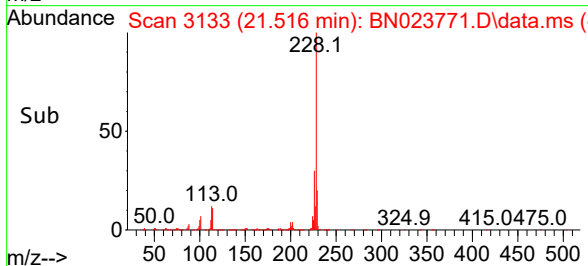
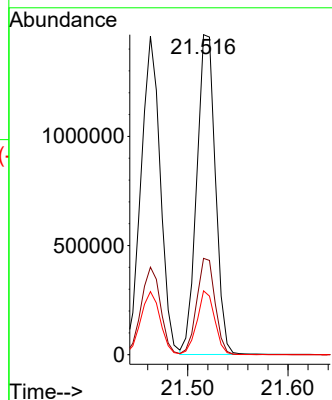
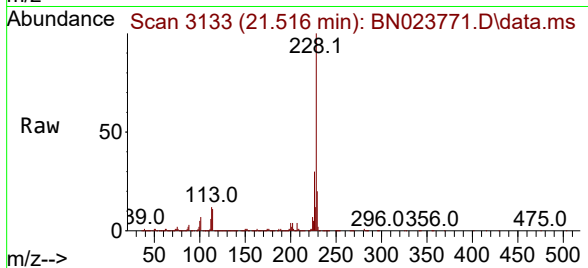
Tgt Ion:228 Resp: 1897644

Ion Ratio Lower Upper

228 100

226 30.1 24.6 37.0

229 19.9 16.8 25.2



#89

Di-n-octyl phthalate

Concen: 18.375 ng/ul

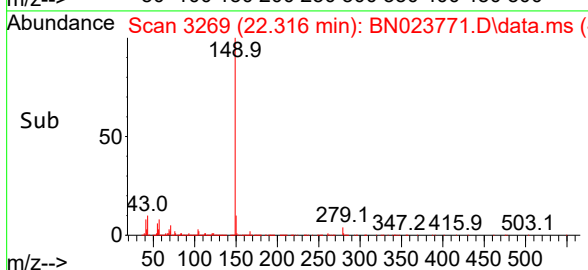
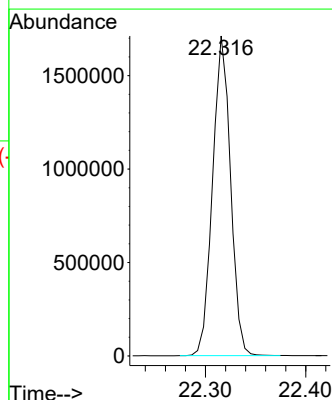
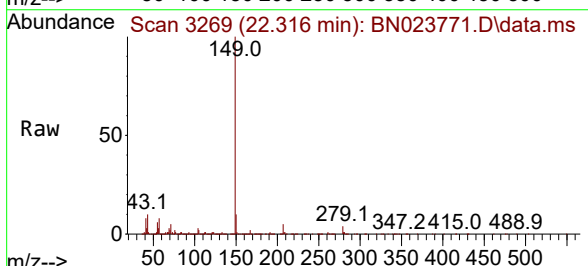
RT: 22.316 min Scan# 3269

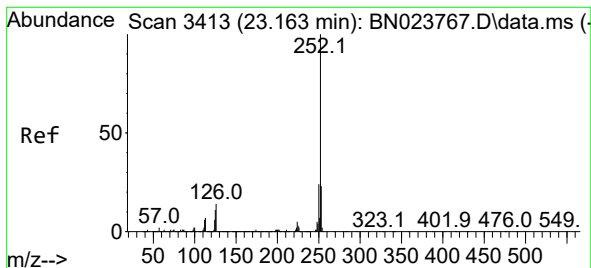
Delta R.T. -0.000 min

Lab File: BN023771.D

Acq: 24 Jan 2023 11:23

Tgt Ion:149 Resp: 2128715





#90

Benzo(b)fluoranthene

Concen: 18.757 ng/ul

RT: 23.151 min Scan# 3411

Delta R.T. -0.012 min

Lab File: BN023771.D

Acq: 24 Jan 2023 11:23

Instrument :

BNA_N

ClientSampleId :

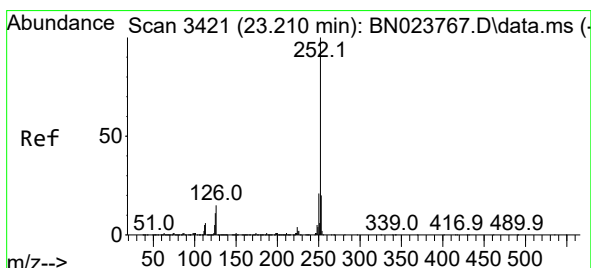
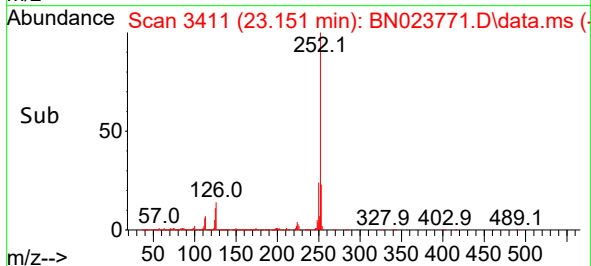
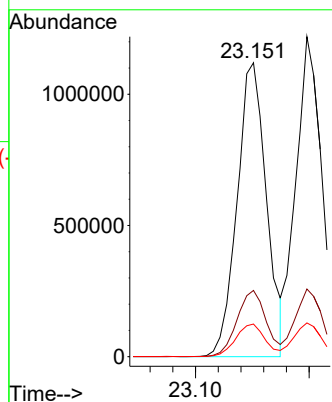
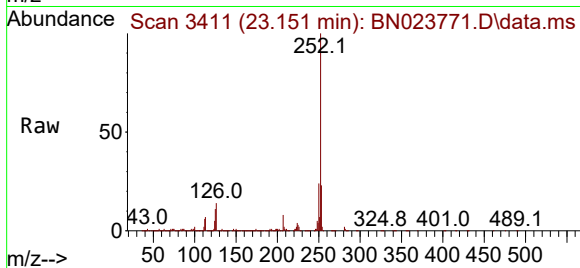
Tgt Ion:252 Resp: 2005610

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

125 11.1 8.6 13.0



#91

Benzo(k)fluoranthene

Concen: 18.226 ng/ul

RT: 23.198 min Scan# 3419

Delta R.T. -0.012 min

Lab File: BN023771.D

Acq: 24 Jan 2023 11:23

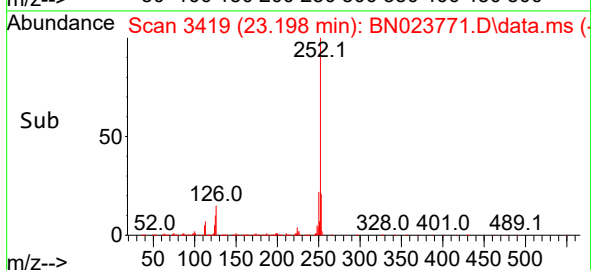
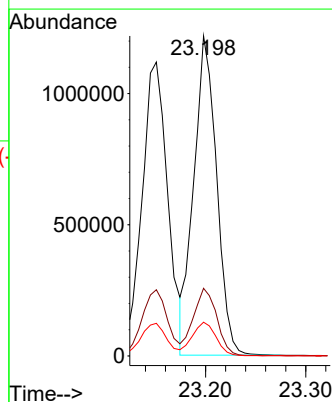
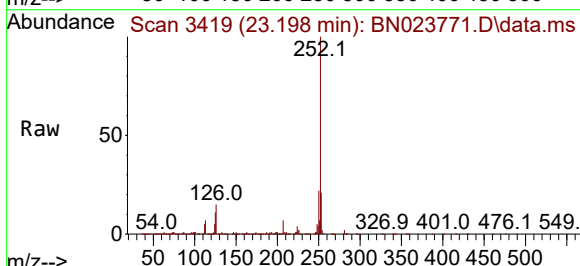
Tgt Ion:252 Resp: 1927584

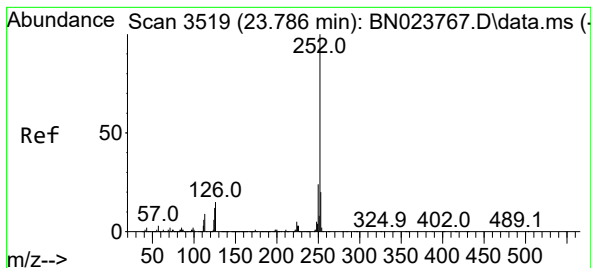
Ion Ratio Lower Upper

252 100

253 21.2 17.8 26.8

125 10.6 8.6 12.8





#93

Benzo(a)pyrene

Concen: 18.785 ng/ul

RT: 23.780 min Scan# 3

Delta R.T. -0.006 min

Lab File: BN023771.D

Acq: 24 Jan 2023 11:23

Instrument :

BNA_N

ClientSampleId :

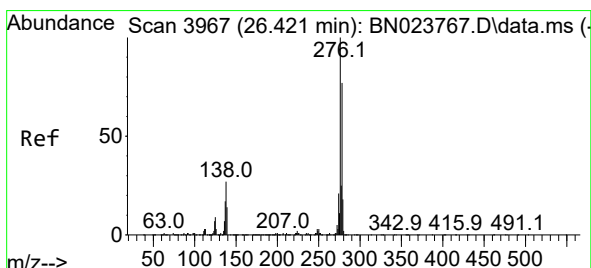
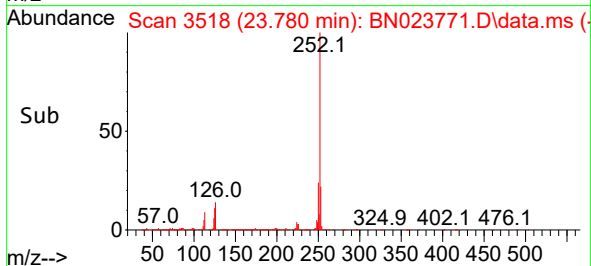
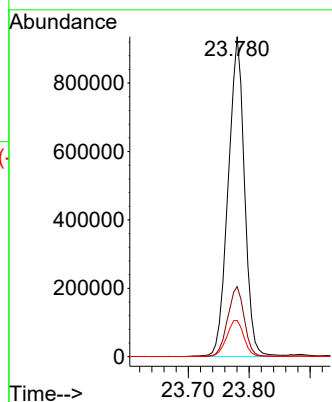
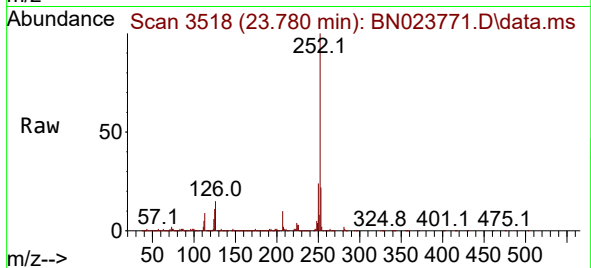
Tgt Ion:252 Resp: 1741994

Ion Ratio Lower Upper

252 100

253 21.9 16.6 25.0

125 11.3 9.8 14.6



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.325 ng/ul

RT: 26.380 min Scan# 3960

Delta R.T. -0.041 min

Lab File: BN023771.D

Acq: 24 Jan 2023 11:23

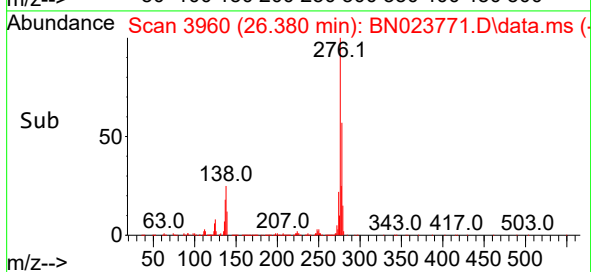
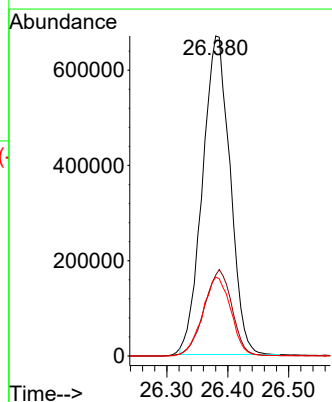
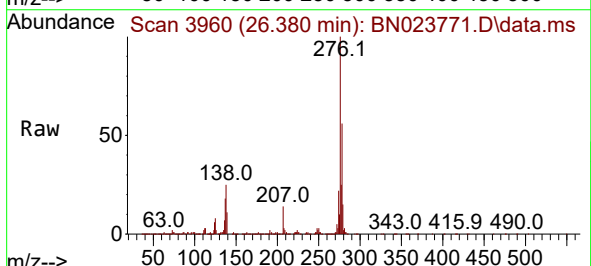
Tgt Ion:276 Resp: 2100125

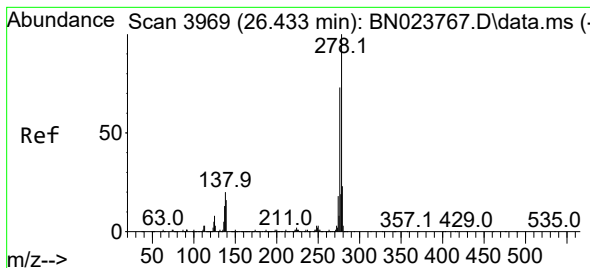
Ion Ratio Lower Upper

276 100

138 25.2 20.6 30.8

277 24.7 18.9 28.3





#95

Dibenzo(a,h)anthracene

Concen: 18.113 ng/ul

RT: 26.398 min Scan# 3969

Delta R.T. -0.035 min

Lab File: BN023771.D

Acq: 24 Jan 2023 11:23

Instrument :

BNA_N

ClientSampleId :

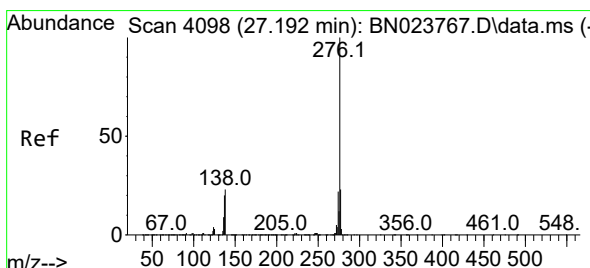
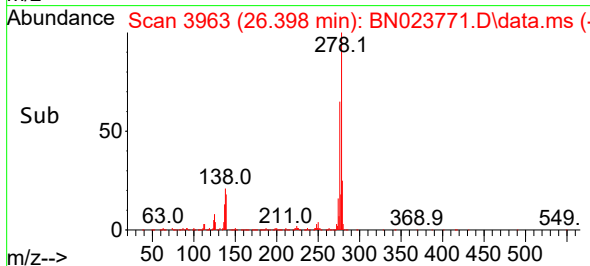
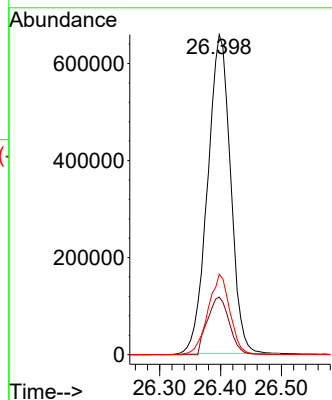
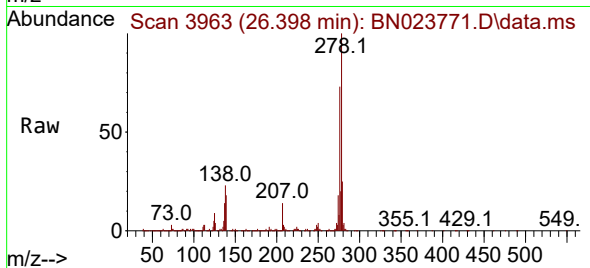
Tgt Ion:278 Resp: 1716378

Ion Ratio Lower Upper

278 100

139 18.0 14.1 21.1

279 25.1 18.0 27.0



#96

Benzo(g,h,i)perylene

Concen: 17.622 ng/ul

RT: 27.145 min Scan# 4090

Delta R.T. -0.047 min

Lab File: BN023771.D

Acq: 24 Jan 2023 11:23

Tgt Ion:276 Resp: 1608328

Ion Ratio Lower Upper

276 100

138 22.4 17.0 25.6

277 23.9 17.6 26.4

