

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022723\
 Data File : BN024109.D
 Acq On : 27 Feb 2023 17:13
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV244

Quant Time: Feb 28 02:28:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN022723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 28 02:18:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	257830	20.000	ng/u1	0.00
20) Naphthalene-d8	10.887	136	995531	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.704	164	564546	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	1122769	20.000	ng/u1	0.00
79) Chrysene-d12	21.639	240	1005594	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	1108183	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	44863	7.099	ng/uL	0.00
4) Pyridine-d5	3.834	84	307186	18.423	ng/u1	0.00
7) Phenol-d5	7.211	99	360804	17.390	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	243090	19.097	ng/u1	0.00
11) 2-Chlorophenol-d4	7.587	132	306264	17.700	ng/u1	0.00
15) 4-Methylphenol-d8	8.769	113	281315	17.364	ng/u1	0.00
21) Nitrobenzene-d5	9.234	128	117228	16.516	ng/u1	0.00
24) 2-Nitrophenol-d4	9.963	143	127152	16.560	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.499	165	284205	17.594	ng/u1	0.00
31) 4-Chloroaniline-d4	11.016	131	380294	17.725	ng/u1	0.00
46) Dimethylphthalate-d6	14.110	166	749610	17.473	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	908274	17.470	ng/u1	0.00
54) 4-Nitrophenol-d4	14.869	143	120523	16.112	ng/u1	0.00
60) Fluorene-d10	15.693	176	631503	16.943	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	83221	15.288	ng/u1	0.00
73) Anthracene-d10	17.545	188	955676	17.961	ng/u1	0.00
81) Pyrene-d10	19.833	212	1070638	18.117	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	1006546	17.309	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.452	88	47420	6.896	ng/uL	94
5) Pyridine	3.858	79	301123	17.674	ng/u1	97
6) Benzaldehyde	7.193	77	265652	25.649	ng/u1	99
8) Phenol	7.234	94	381929	18.063	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.481	93	304345	17.839	ng/u1	97
12) 2-Chlorophenol	7.622	128	318165	18.173	ng/u1	98
13) 2-Methylphenol	8.505	108	288206	18.051	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.605	45	414695	17.811	ng/u1	99
16) Acetophenone	8.893	105	464621	19.009	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.875	70	223710	18.211	ng/u1	99
18) 4-Methylphenol	8.828	108	308175	18.155	ng/u1	99
19) Hexachloroethane	9.158	117	123556	17.479	ng/u1	96
22) Nitrobenzene	9.275	77	305555	17.474	ng/u1	95
23) Isophorone	9.805	82	626955	17.508	ng/u1	100
25) 2-Nitrophenol	9.993	139	152106	17.901	ng/u1	99
26) 2,4-Dimethylphenol	10.046	107	328572	17.957	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.293	93	382610	17.512	ng/u1	98
29) 2,4-Dichlorophenol	10.522	162	285413	17.966	ng/u1	98
30) Naphthalene	10.940	128	958965	17.663	ng/u1	99
32) 4-Chloroaniline	11.040	127	397099	18.573	ng/u1	100
33) Hexachlorobutadiene	11.228	225	195207	17.905	ng/u1	97
34) Caprolactam	11.793	113	80907	17.150	ng/u1	95
35) 4-Chloro-3-methylphenol	12.152	107	278368	17.232	ng/u1	96
36) 2-Methylnaphthalene	12.540	142	651078	18.545	ng/u1	99

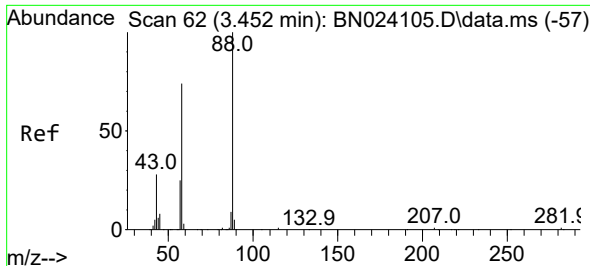
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.757	142	602248	17.348	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.904	216	361495	18.676	ng/ul	98
40) Hexachlorocyclopentadiene	12.887	237	162062	15.811	ng/ul	98
41) 2,4,6-Trichlorophenol	13.134	196	220352	17.709	ng/ul	93
42) 2,4,5-Trichlorophenol	13.204	196	231554	17.421	ng/ul	96
43) 1,1'-Biphenyl	13.540	154	833694	18.142	ng/ul	97
44) 2-Chloronaphthalene	13.581	162	640391	17.626	ng/ul	99
45) 2-Nitroaniline	13.781	65	108855	16.216	ng/ul	99
47) Dimethylphthalate	14.157	163	740464	17.350	ng/ul	98
48) 2,6-Dinitrotoluene	14.269	165	126000	21.588	ng/ul	98
50) Acenaphthylene	14.428	152	987709	17.957	ng/ul	99
51) 3-Nitroaniline	14.598	138	141077	20.229	ng/ul	97
52) Acenaphthene	14.769	153	658281	17.603	ng/ul	97
53) 2,4-Dinitrophenol	14.798	184	57900	14.372	ng/ul	97
55) 4-Nitrophenol	14.887	109	98177	16.690	ng/ul	97
56) Dibenzofuran	15.098	168	931814	17.940	ng/ul	98
57) 2,4-Dinitrotoluene	15.051	165	155604	18.019	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.316	232	197361	17.851	ng/ul	100
59) Diethylphthalate	15.516	149	715078	17.377	ng/ul	98
61) Fluorene	15.745	166	736783	17.937	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.740	204	372417	17.888	ng/ul	99
63) 4-Nitroaniline	15.757	138	132083	21.243	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.810	198	94209	16.965	ng/ul	97
67) N-Nitrosodiphenylamine	15.951	169	620779	18.523	ng/ul	94
68) 4-Bromophenyl-phenylether	16.634	248	203797	16.190	ng/ul	96
69) Hexachlorobenzene	16.745	284	258869	17.737	ng/ul	97
70) Atrazine	16.898	200	204532	18.079	ng/ul	97
71) Pentachlorophenol	17.092	266	160359	17.569	ng/ul	98
72) Phenanthrene	17.492	178	1113803	17.909	ng/ul	99
74) Anthracene	17.581	178	1134881	18.101	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.504	216	352018	18.446	ng/ul	99
76) Pentachlorobenzene	15.016	250	326945	18.457	ng/ul	96
77) Carbazole	17.845	167	1019000	18.843	ng/ul	99
78) Di-n-butylphthalate	18.416	149	1108204	17.927	ng/ul	99
80) Fluoranthene	19.504	202	1232331	17.646	ng/ul	99
82) Pyrene	19.863	202	1285510	17.864	ng/ul	99
83) Butylbenzylphthalate	20.769	149	207848	18.784	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.557	252	387005	18.511	ng/ul	97
85) Benzo(a)anthracene	21.622	228	1238488	17.537	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.557	149	420829	20.672	ng/ul	99
87) Chrysene	21.680	228	1194776	17.753	ng/ul	100
89) Di-n-octyl phthalate	22.522	149	730266	15.841	ng/ul	100
90) Benzo(b)fluoranthene	23.380	252	1260602	17.766	ng/ul	99
91) Benzo(k)fluoranthene	23.439	252	1252461	18.119	ng/ul	97
93) Benzo(a)pyrene	24.039	252	1136286	17.815	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.786	276	1455721	17.208	ng/ul	99
95) Dibenzo(a,h)anthracene	26.810	278	1189851	17.166	ng/ul	98
96) Benzo(g,h,i)perylene	27.592	276	597156	8.551	ng/ul	96

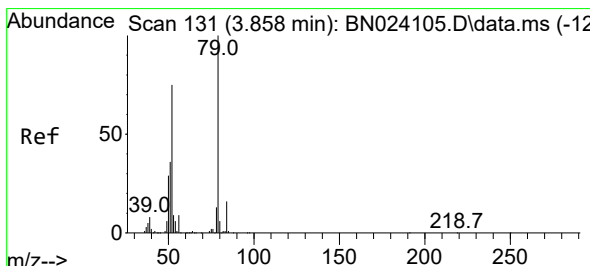
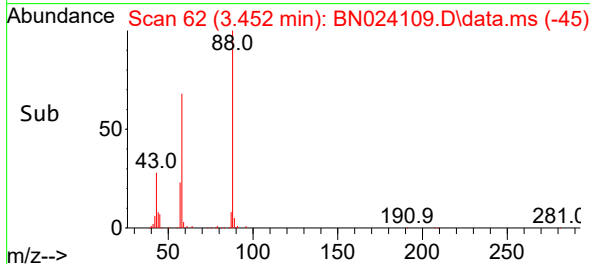
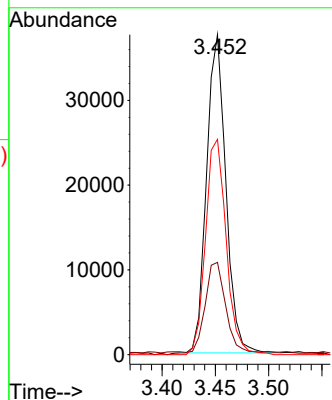
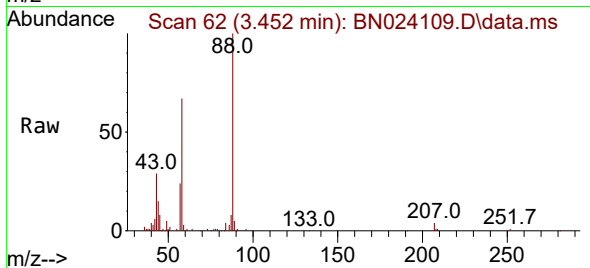
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#2
 1,4-Dioxane
 Concen: 6.896 ng/uL
 RT: 3.452 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN024109.D
 Acq: 27 Feb 2023 17:13

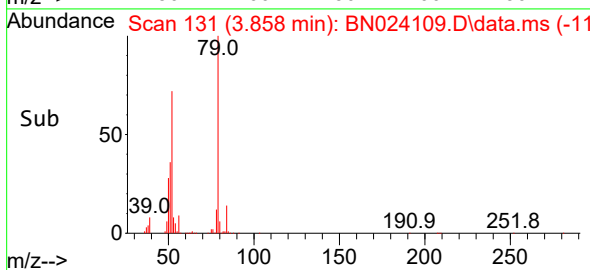
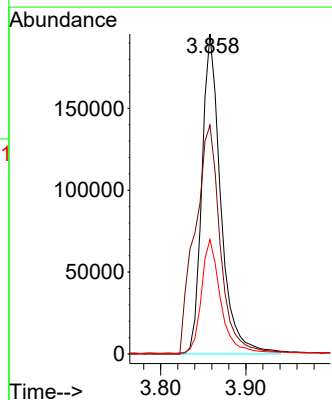
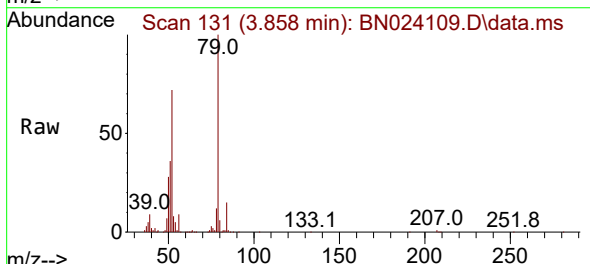
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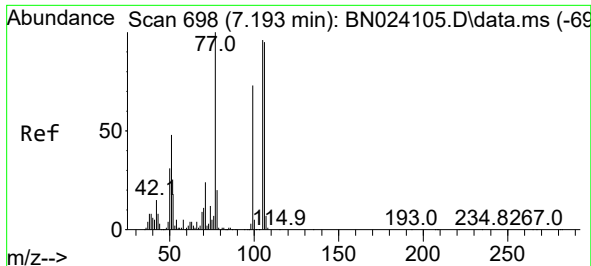
Tgt Ion: 88	Resp: 47420
Ion Ratio	Lower Upper
88 100	
43 28.8	23.7 35.5
58 67.3	58.7 88.1



#5
 Pyridine
 Concen: 17.674 ng/uL
 RT: 3.858 min Scan# 131
 Delta R.T. 0.000 min
 Lab File: BN024109.D
 Acq: 27 Feb 2023 17:13

Tgt Ion: 79	Resp: 301123
Ion Ratio	Lower Upper
79 100	
52 71.5	60.2 90.2
51 35.8	29.3 43.9

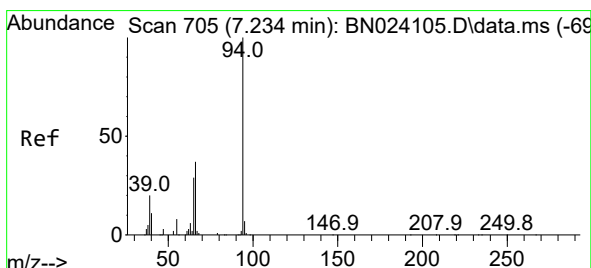
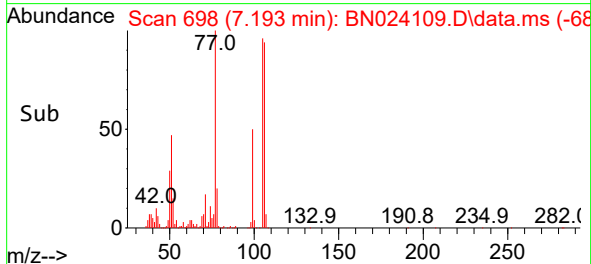
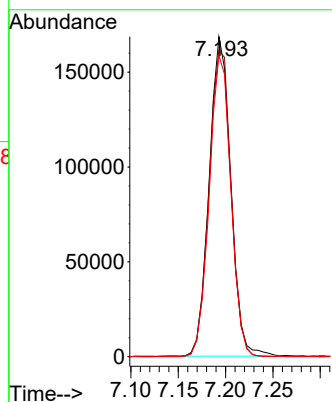
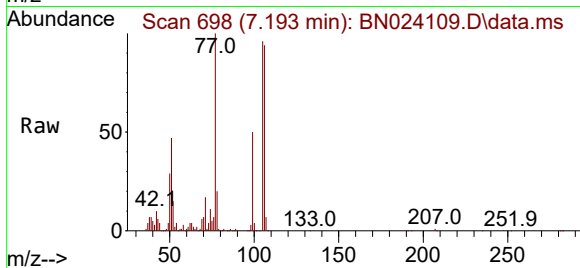




#6
Benzaldehyde
Concen: 25.649 ng/ul
RT: 7.193 min Scan# 698
Delta R.T. 0.000 min
Lab File: BN024109.D
Acq: 27 Feb 2023 17:13

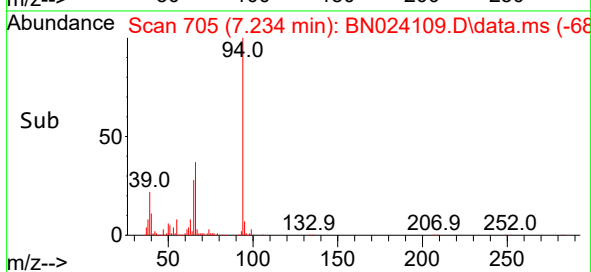
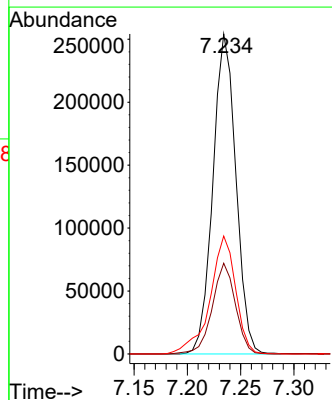
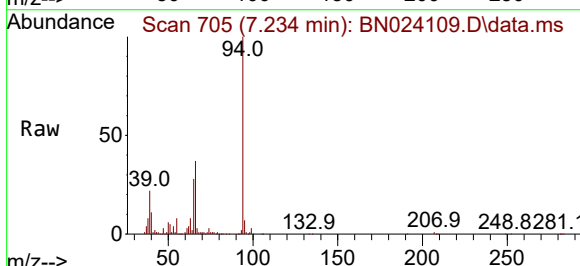
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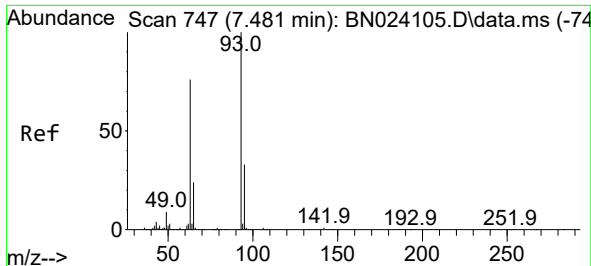
Tgt Ion: 77 Resp: 265652
Ion Ratio Lower Upper
77 100
105 95.8 77.1 115.7
106 94.1 76.2 114.4



#8
Phenol
Concen: 18.063 ng/ul
RT: 7.234 min Scan# 705
Delta R.T. 0.000 min
Lab File: BN024109.D
Acq: 27 Feb 2023 17:13

Tgt Ion: 94 Resp: 381929
Ion Ratio Lower Upper
94 100
65 28.3 23.1 34.7
66 36.9 30.6 46.0

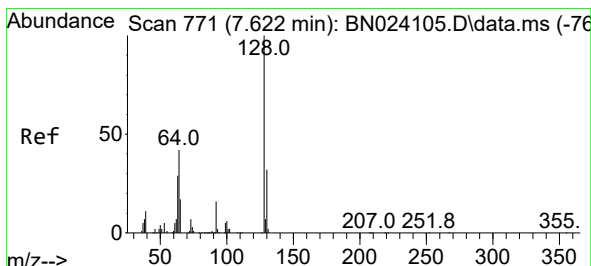
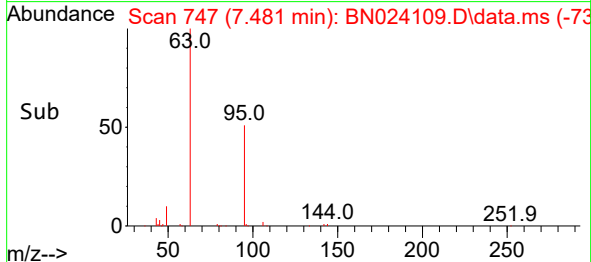
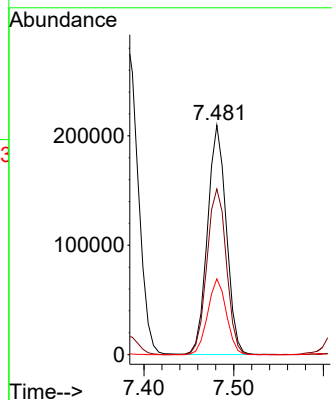
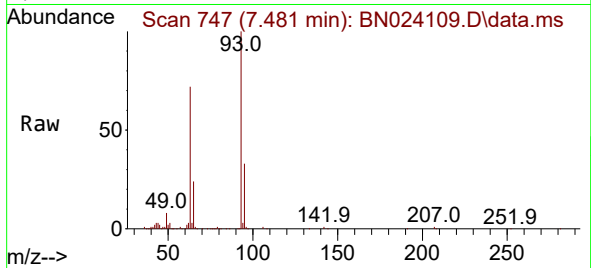




#10
Bis(2-Chloroethyl)ether
Concen: 17.839 ng/ul
RT: 7.481 min Scan# 747
Delta R.T. 0.000 min
Lab File: BN024109.D
Acq: 27 Feb 2023 17:13

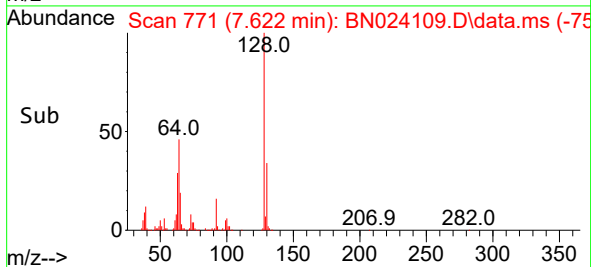
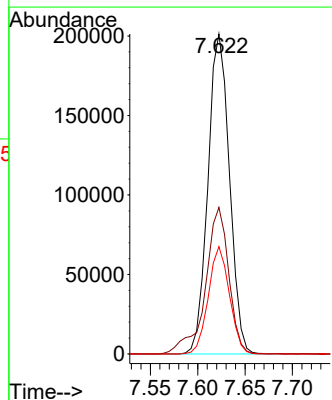
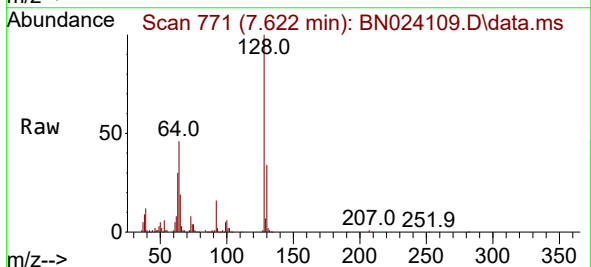
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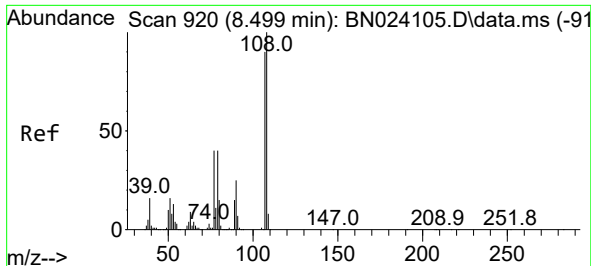
Tgt Ion: 93 Resp: 304345
Ion Ratio Lower Upper
93 100
63 72.2 60.9 91.3
95 33.0 26.8 40.2



#12
2-Chlorophenol
Concen: 18.173 ng/ul
RT: 7.622 min Scan# 771
Delta R.T. 0.000 min
Lab File: BN024109.D
Acq: 27 Feb 2023 17:13

Tgt Ion:128 Resp: 318165
Ion Ratio Lower Upper
128 100
64 45.8 35.7 53.5
130 33.5 25.6 38.4





#13

2-Methylphenol

Concen: 18.051 ng/ul

RT: 8.505 min Scan# 91

Delta R.T. 0.006 min

Lab File: BN024109.D

Acq: 27 Feb 2023 17:13

Instrument :

BNA_N

ClientSampleId :

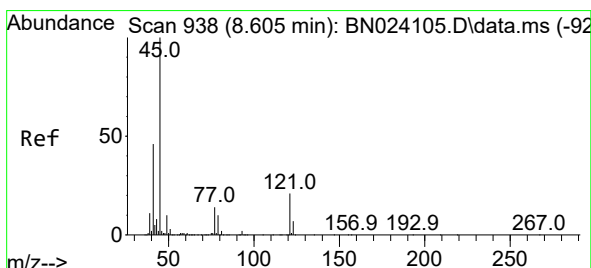
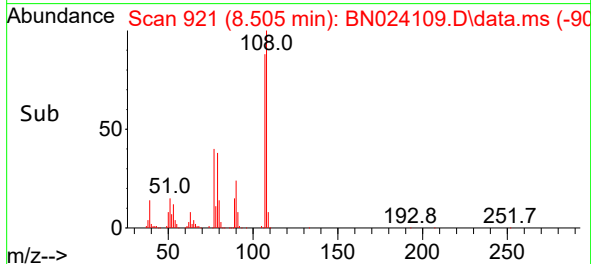
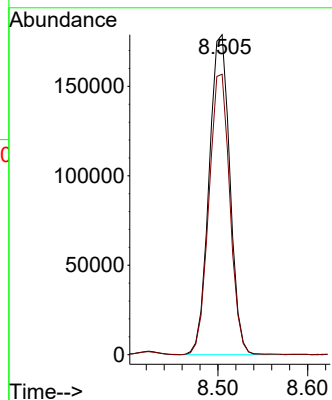
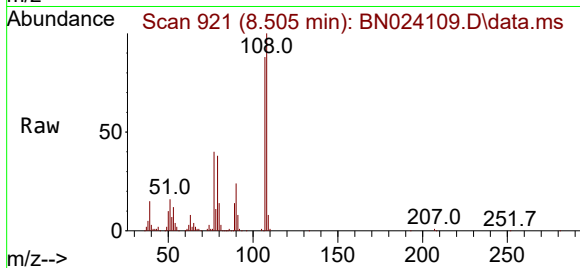
SICV244

Tgt Ion:108 Resp: 288206

Ion Ratio Lower Upper

108 100

107 87.7 71.7 107.5



#14

2,2'-oxybis(1-Chloropropane)

Concen: 17.811 ng/ul

RT: 8.605 min Scan# 938

Delta R.T. 0.000 min

Lab File: BN024109.D

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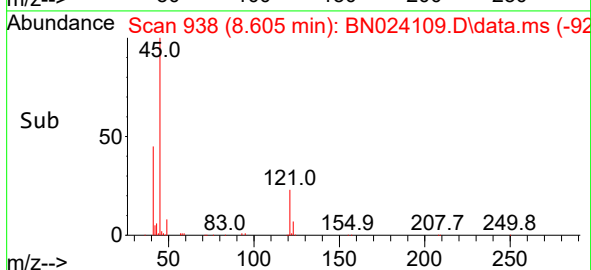
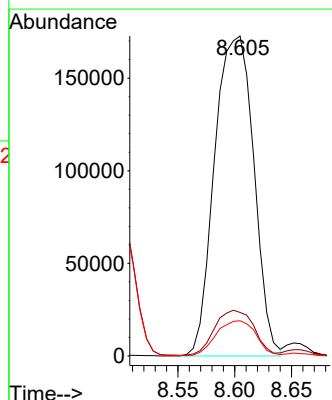
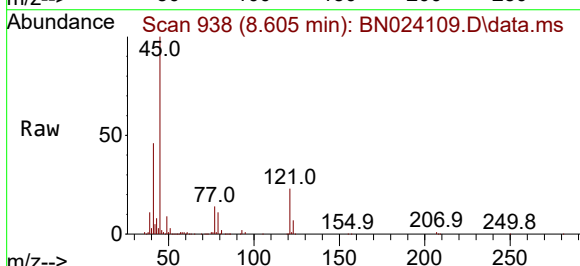
Tgt Ion: 45 Resp: 414695

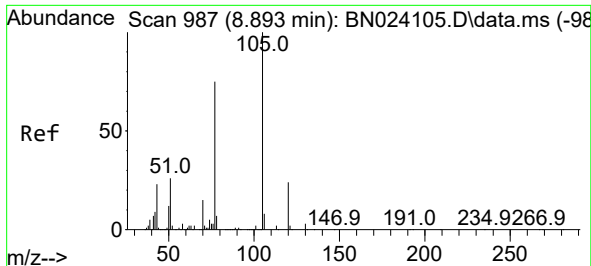
Ion Ratio Lower Upper

45 100

77 13.6 11.2 16.8

79 11.0 8.5 12.7

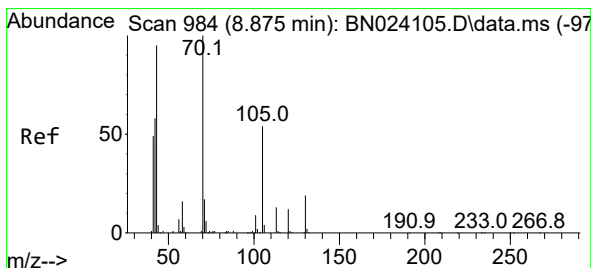
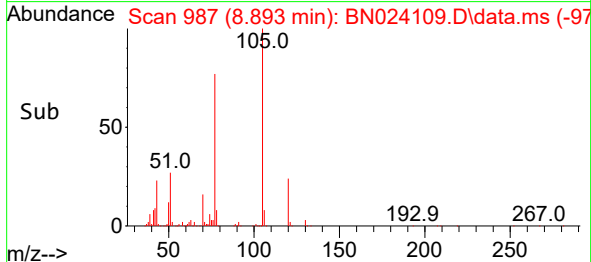
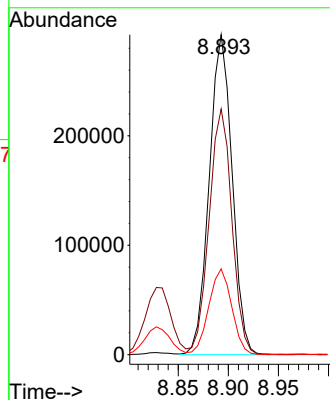
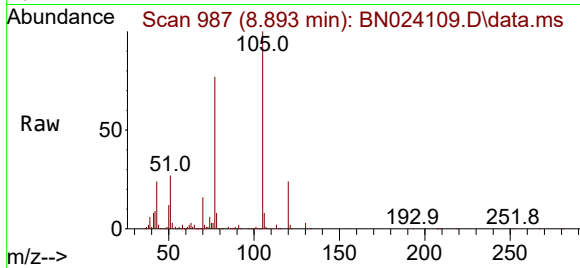




#16
Acetophenone
Concen: 19.009 ng/ul
RT: 8.893 min Scan# 987
Delta R.T. 0.000 min
Lab File: BN024109.D
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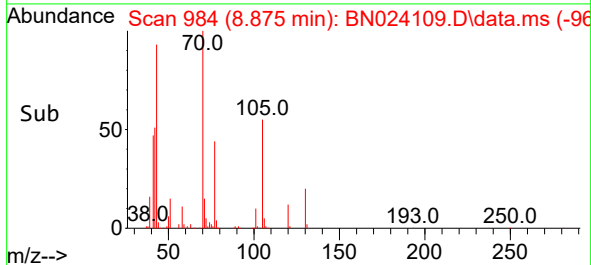
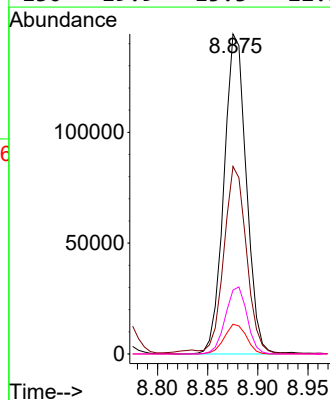
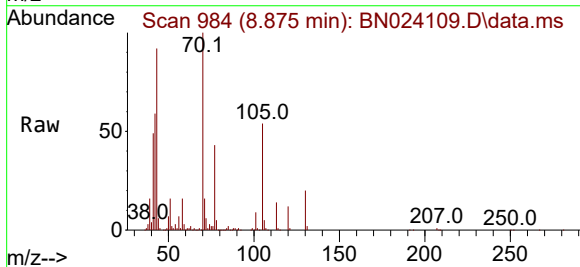
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SICV244

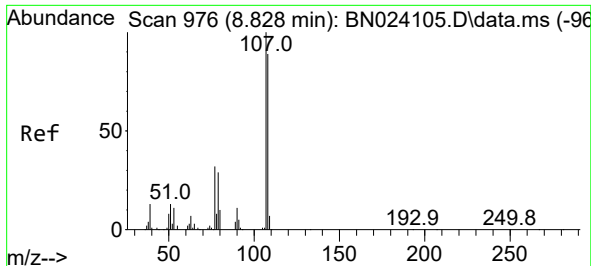
Tgt Ion:105 Resp: 464621
Ion Ratio Lower Upper
105 100
77 76.8 63.1 94.7
51 26.8 21.6 32.4



#17
N-Nitroso-di-n-propylamine
Concen: 18.211 ng/ul
RT: 8.875 min Scan# 984
Delta R.T. 0.000 min
Lab File: BN024109.D
Acq: 27 Feb 2023 17:13

Tgt Ion: 70 Resp: 223710
Ion Ratio Lower Upper
70 100
42 58.6 47.2 70.8
101 9.3 7.4 11.0
130 19.9 15.3 22.9





#18

4-Methylphenol

Concen: 18.155 ng/ul

RT: 8.828 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN024109.D

Acq: 27 Feb 2023 17:13

Instrument :

BNA_N

ClientSampleId :

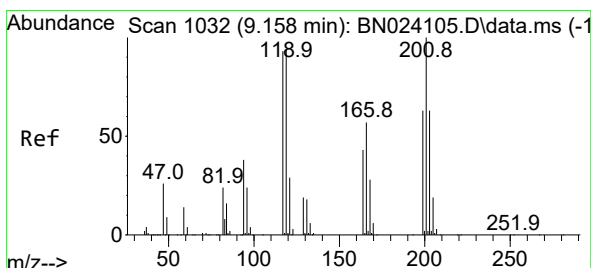
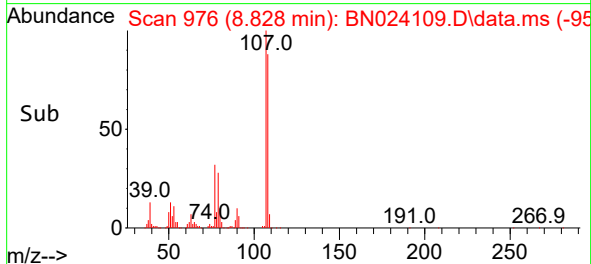
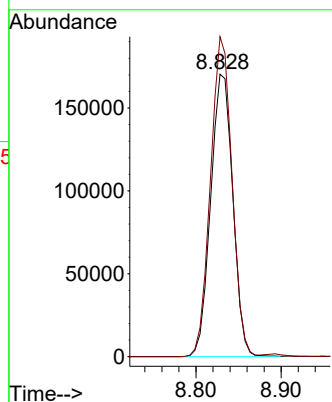
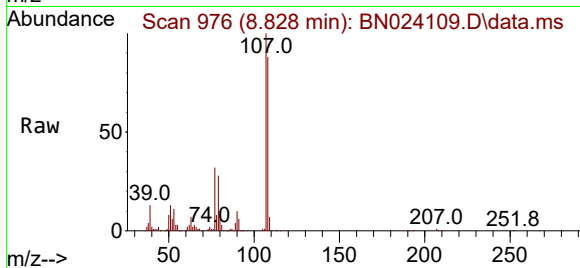
SICV244

Tgt Ion:108 Resp: 308175

Ion Ratio Lower Upper

108 100

107 113.3 89.5 134.3



#19

Hexachloroethane

Concen: 17.479 ng/ul

RT: 9.158 min Scan# 1032

Delta R.T. 0.000 min

Lab File: BN024109.D

Acq: 27 Feb 2023 17:13

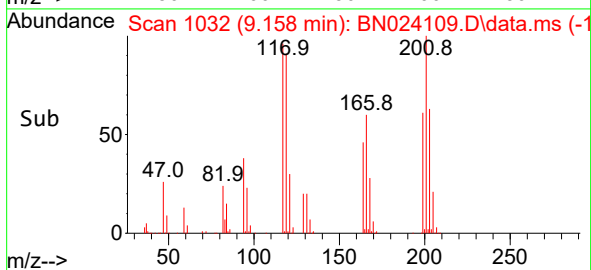
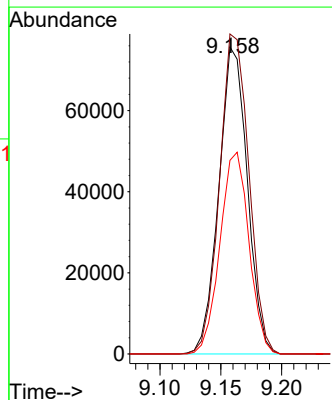
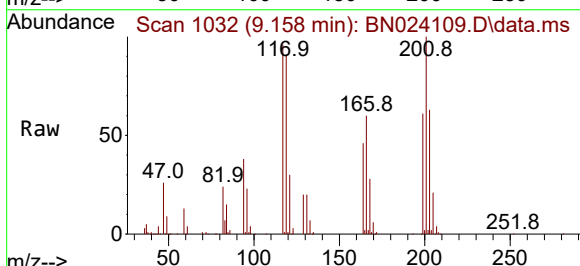
Tgt Ion:117 Resp: 123556

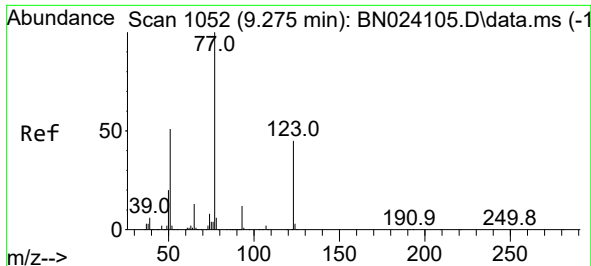
Ion Ratio Lower Upper

117 100

201 104.2 85.9 128.9

199 63.1 53.9 80.9





#22

Nitrobenzene

Concen: 17.474 ng/ul

RT: 9.275 min Scan# 1052

Delta R.T. 0.000 min

Lab File: BN024109.D

Acq: 27 Feb 2023 17:13

Instrument :

BNA_N

ClientSampleId :

SICV244

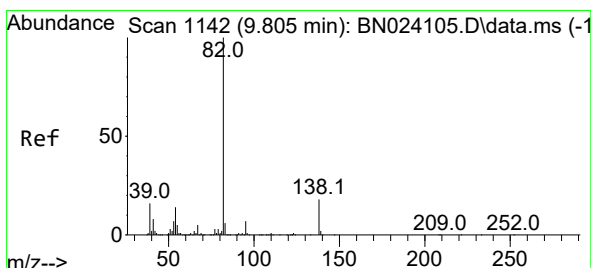
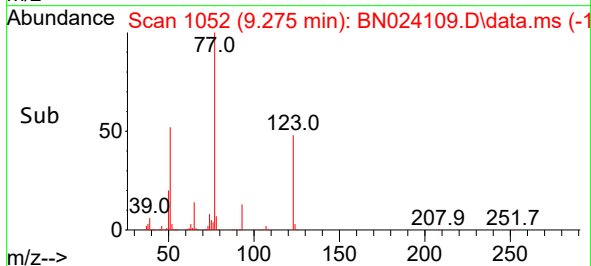
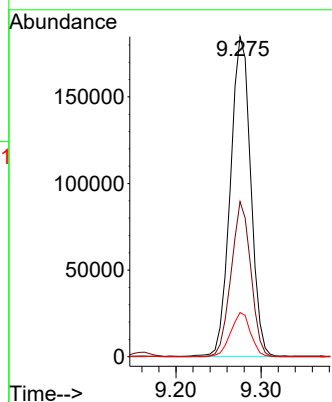
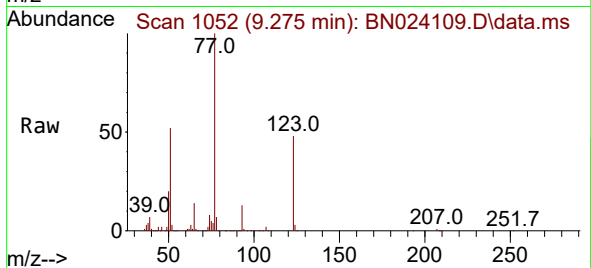
Tgt Ion: 77 Resp: 305555

Ion Ratio Lower Upper

77 100

123 48.5 35.9 53.9

65 13.8 10.6 16.0



#23

Isophorone

Concen: 17.508 ng/ul

RT: 9.805 min Scan# 1142

Delta R.T. 0.000 min

Lab File: BN024109.D

Acq: 27 Feb 2023 17:13

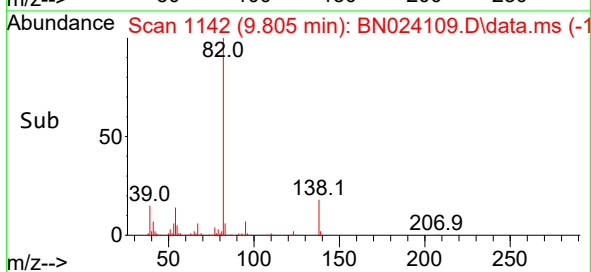
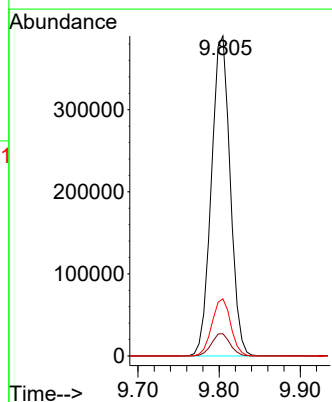
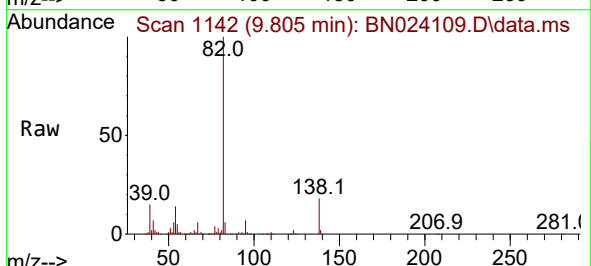
Tgt Ion: 82 Resp: 626955

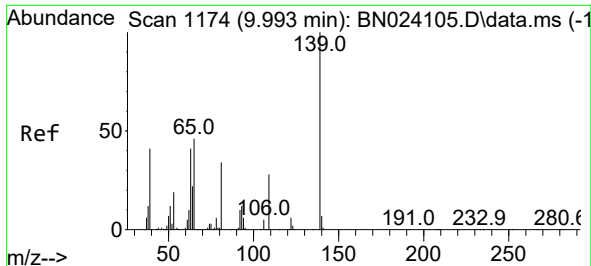
Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.0

138 17.9 14.3 21.5

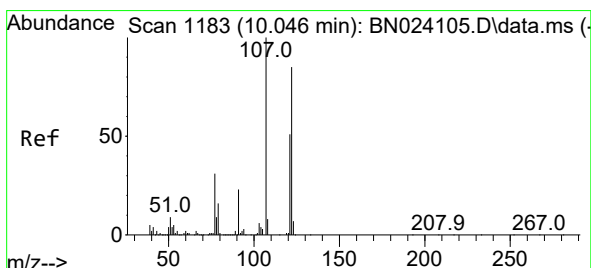
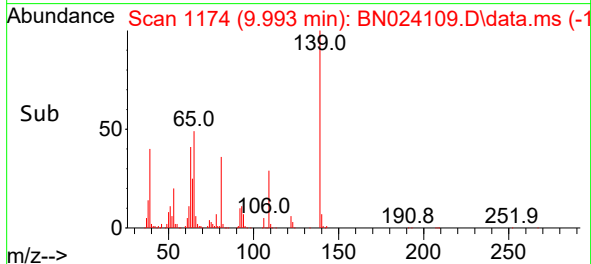
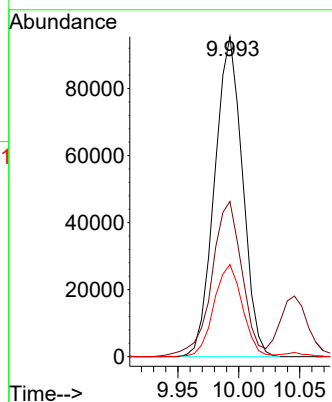
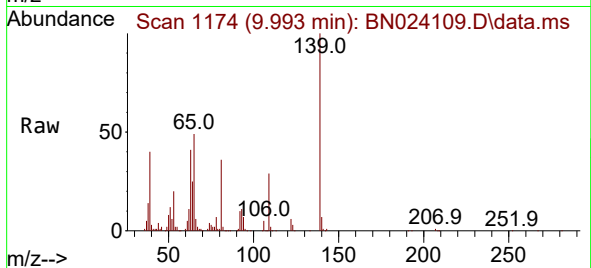




#25
2-Nitrophenol
Concen: 17.901 ng/ul
RT: 9.993 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BN024109.D
Acq: 27 Feb 2023 17:13

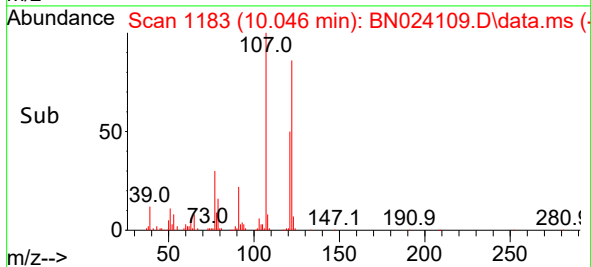
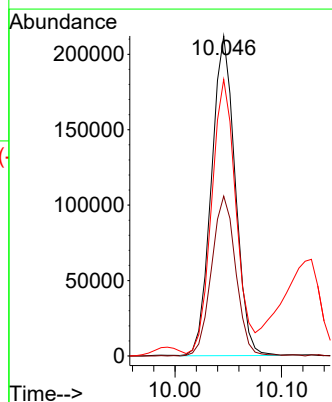
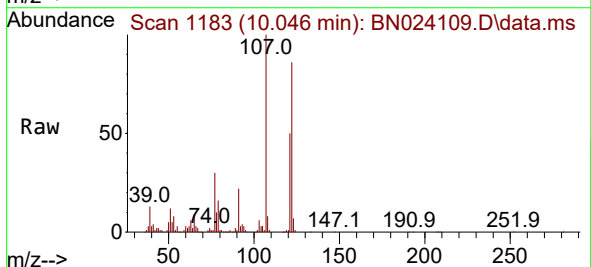
Instrument :
BNA_N
ClientSampleId :
SICV244

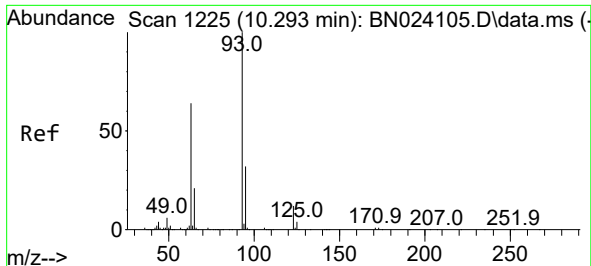
Tgt Ion:139 Resp: 152106
Ion Ratio Lower Upper
139 100
65 48.5 37.8 56.6
109 28.8 22.7 34.1



#26
2,4-Dimethylphenol
Concen: 17.957 ng/ul
RT: 10.046 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN024109.D
Acq: 27 Feb 2023 17:13

Tgt Ion:107 Resp: 328572
Ion Ratio Lower Upper
107 100
121 50.0 41.0 61.6
122 86.4 69.2 103.8

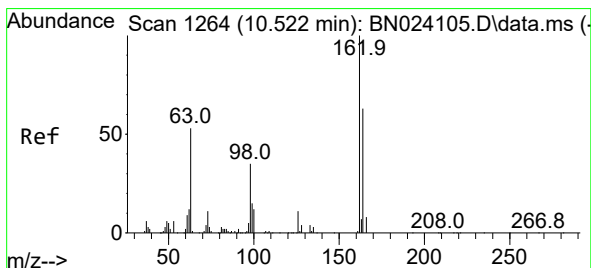
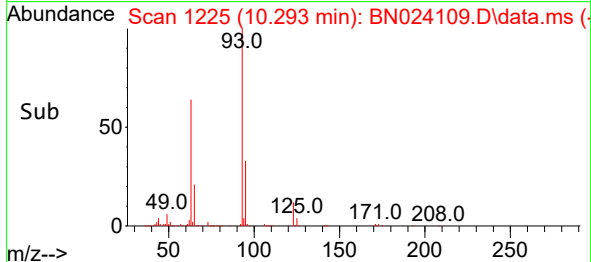
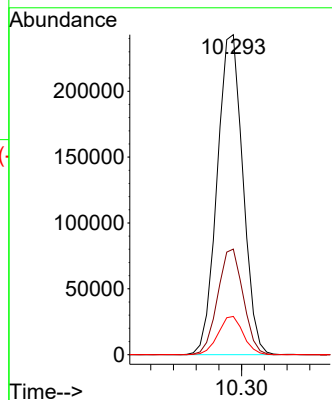
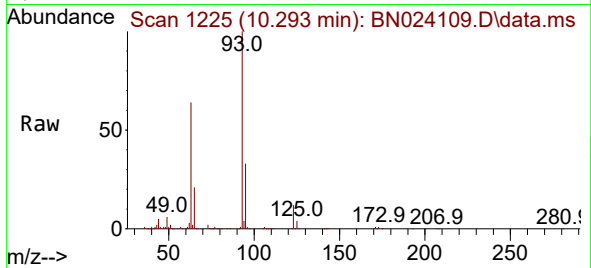




#27
 Bis(2-Chloroethoxy)methane
 Concen: 17.512 ng/ul
 RT: 10.293 min Scan# 1225
 Delta R.T. 0.000 min
 Lab File: BN024109.D
 Acq: 27 Feb 2023 17:13

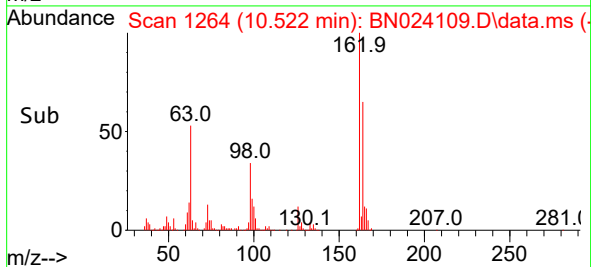
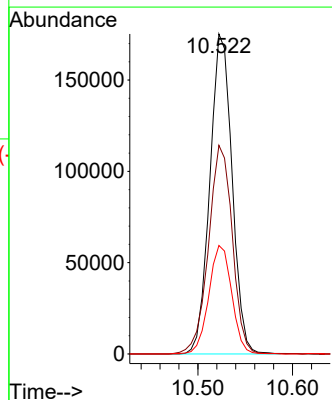
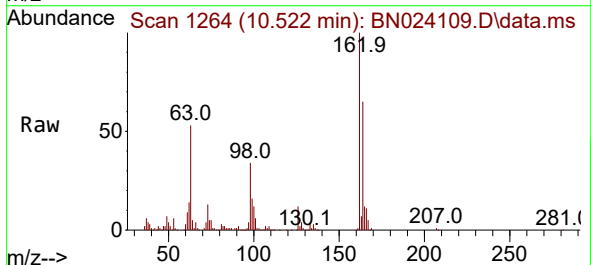
Instrument :
 BNA_N
 ClientSampleId :
 SICV244

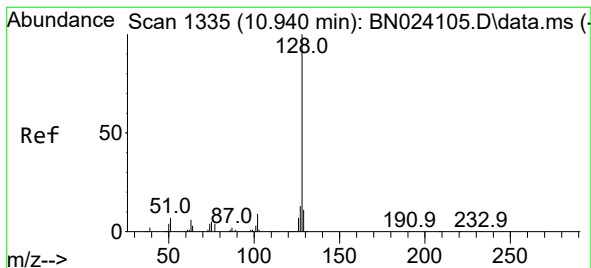
Tgt Ion: 93 Resp: 382610
 Ion Ratio Lower Upper
 93 100
 95 33.0 25.4 38.0
 123 11.9 9.4 14.2



#29
 2,4-Dichlorophenol
 Concen: 17.966 ng/ul
 RT: 10.522 min Scan# 1264
 Delta R.T. 0.000 min
 Lab File: BN024109.D
 Acq: 27 Feb 2023 17:13

Tgt Ion: 162 Resp: 285413
 Ion Ratio Lower Upper
 162 100
 164 65.2 51.2 76.8
 98 33.9 27.8 41.8





#30

Naphthalene

Concen: 17.663 ng/ul

RT: 10.940 min Scan# 1335

Delta R.T. 0.000 min

Lab File: BN024109.D

Acq: 27 Feb 2023 17:13

Instrument :

BNA_N

ClientSampleId :

SICV244

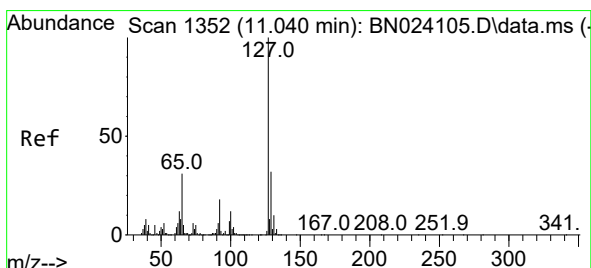
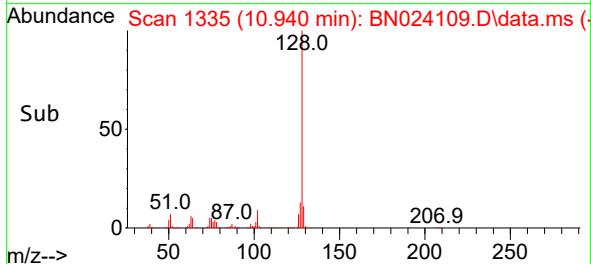
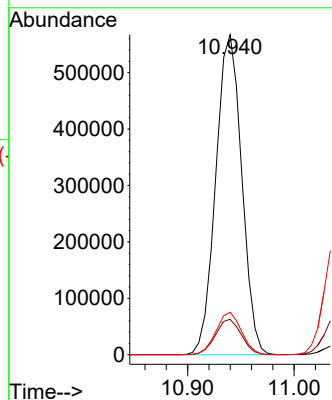
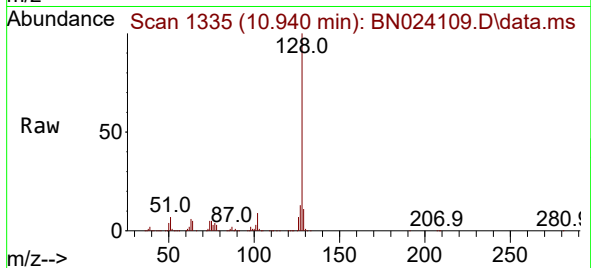
Tgt Ion:128 Resp: 958965

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.2 10.2 15.2



#32

4-Chloroaniline

Concen: 18.573 ng/ul

RT: 11.040 min Scan# 1352

Delta R.T. 0.000 min

Lab File: BN024109.D

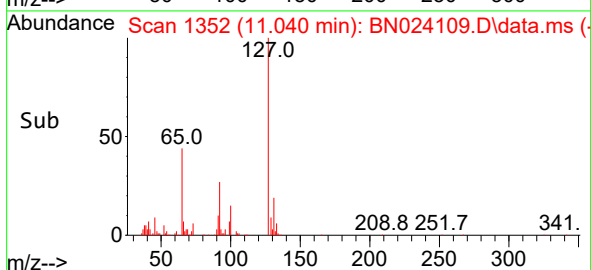
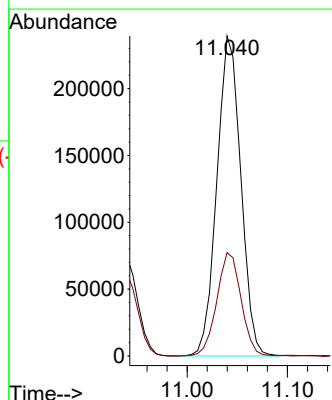
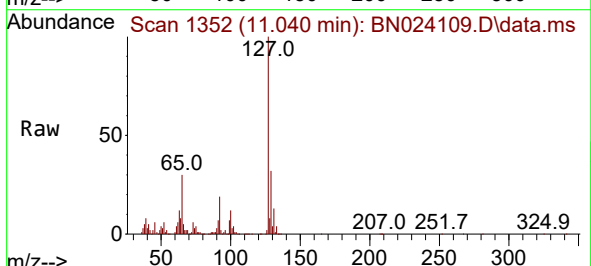
Acq: 27 Feb 2023 17:13

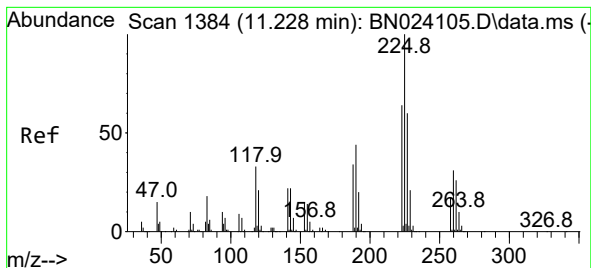
Tgt Ion:127 Resp: 397099

Ion Ratio Lower Upper

127 100

129 32.3 25.7 38.5





#33

Hexachlorobutadiene

Concen: 17.905 ng/uI

RT: 11.228 min Scan# 1384

Delta R.T. 0.000 min

Lab File: BN024109.D

Acq: 27 Feb 2023 17:13

Instrument :

BNA_N

ClientSampleId :

SICV244

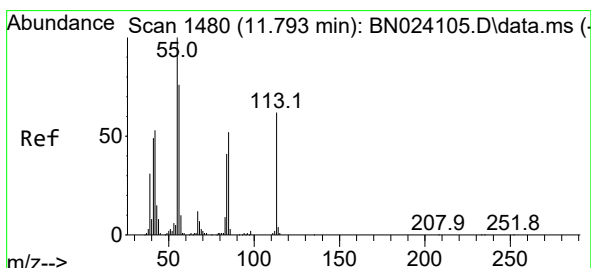
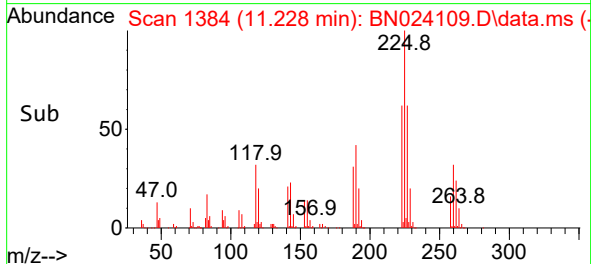
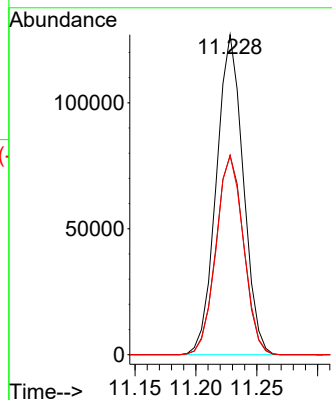
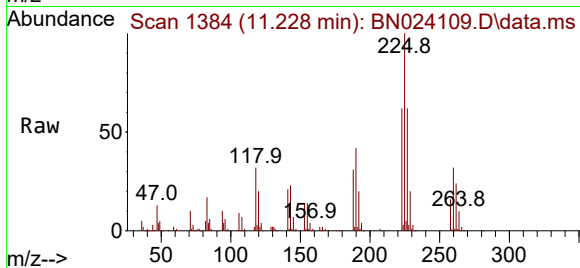
Tgt Ion:225 Resp: 195207

Ion Ratio Lower Upper

225 100

223 62.3 51.4 77.2

227 62.2 47.8 71.6



#34

Caprolactam

Concen: 17.150 ng/uI

RT: 11.793 min Scan# 1480

Delta R.T. 0.000 min

Lab File: BN024109.D

Acq: 27 Feb 2023 17:13

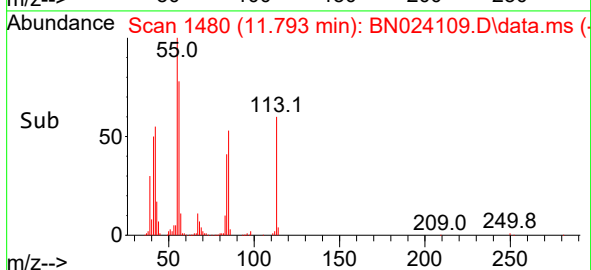
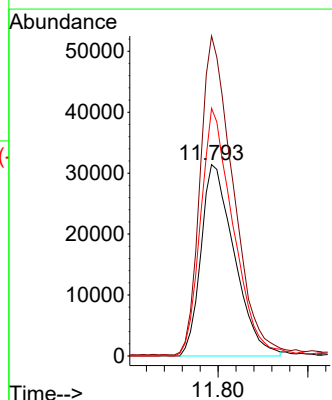
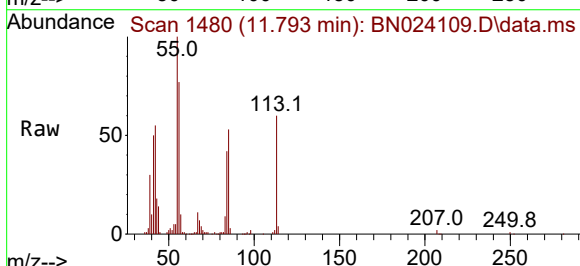
Tgt Ion:113 Resp: 80907

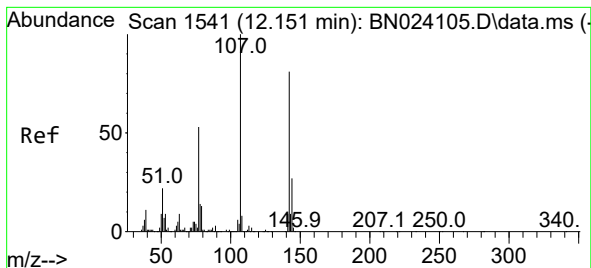
Ion Ratio Lower Upper

113 100

55 167.2 129.3 193.9

56 129.4 98.0 147.0

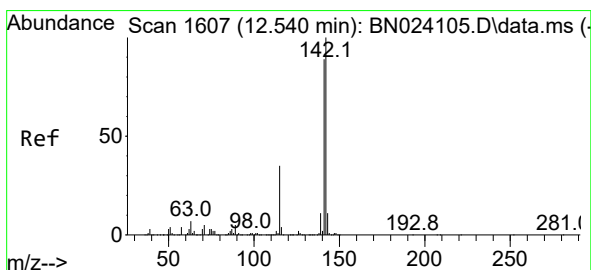
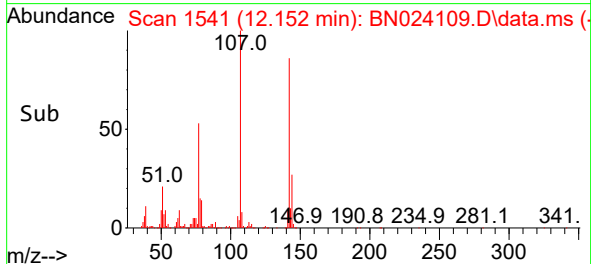
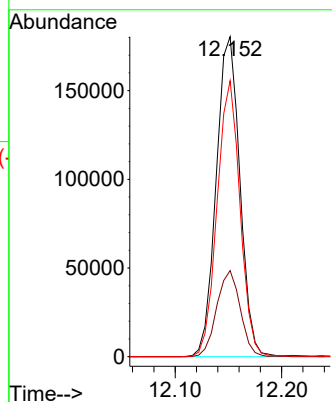
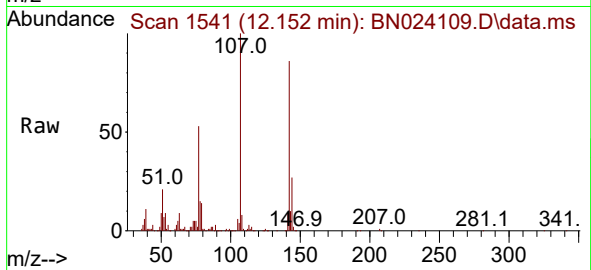




#35
4-Chloro-3-methylphenol
Concen: 17.232 ng/ul
RT: 12.152 min Scan# 1541
Delta R.T. 0.000 min
Lab File: BN024109.D
Acq: 27 Feb 2023 17:13

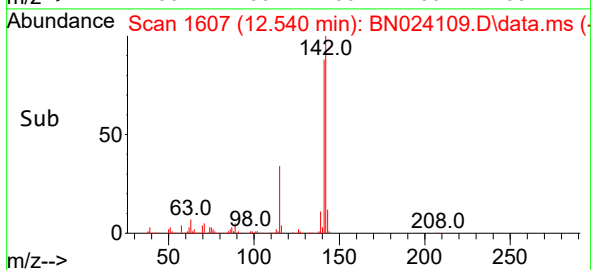
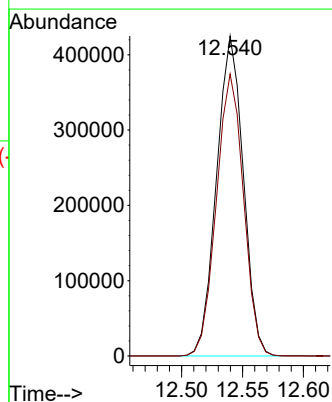
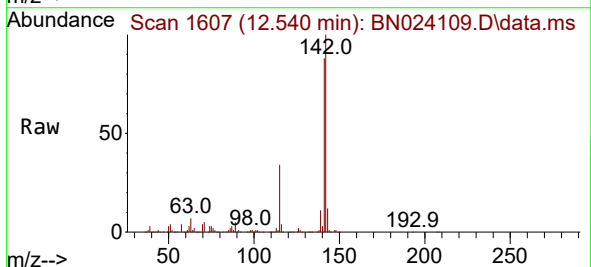
Instrument :
BNA_N
ClientSampleId :
SICV244

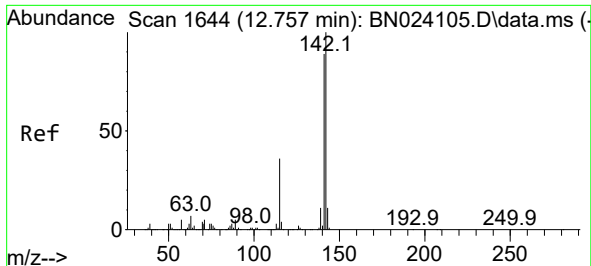
Tgt Ion:107 Resp: 278368
Ion Ratio Lower Upper
107 100
144 26.9 21.6 32.4
142 86.3 65.0 97.4



#36
2-Methylnaphthalene
Concen: 18.545 ng/ul
RT: 12.540 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BN024109.D
Acq: 27 Feb 2023 17:13

Tgt Ion:142 Resp: 651078
Ion Ratio Lower Upper
142 100
141 88.1 71.4 107.0





#37

1-Methylnaphthalene

Concen: 17.348 ng/ul

RT: 12.757 min Scan# 1644

Delta R.T. 0.000 min

Lab File: BN024109.D

Acq: 27 Feb 2023 17:13

Instrument :

BNA_N

ClientSampleId :

SICV244

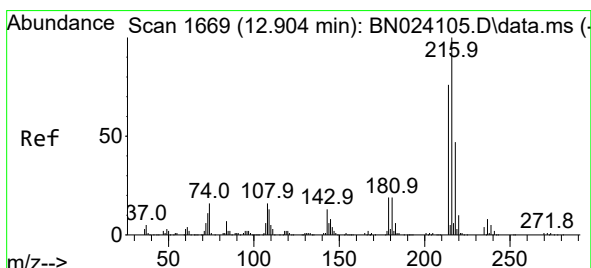
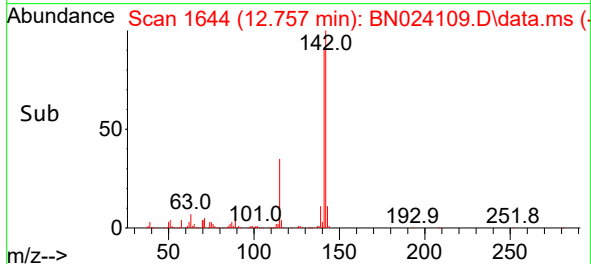
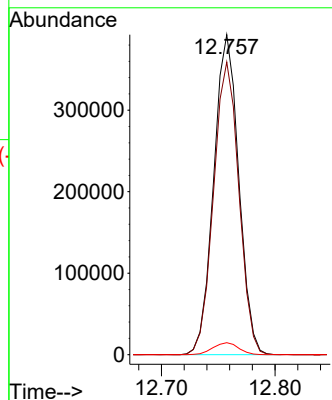
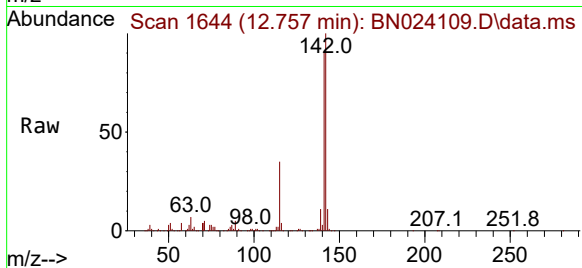
Tgt Ion:142 Resp: 602248

Ion Ratio Lower Upper

142 100

141 91.4 71.4 107.0

116 3.7 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 18.676 ng/ul

RT: 12.904 min Scan# 1669

Delta R.T. 0.000 min

Lab File: BN024109.D

Acq: 27 Feb 2023 17:13

Tgt Ion:216 Resp: 361495

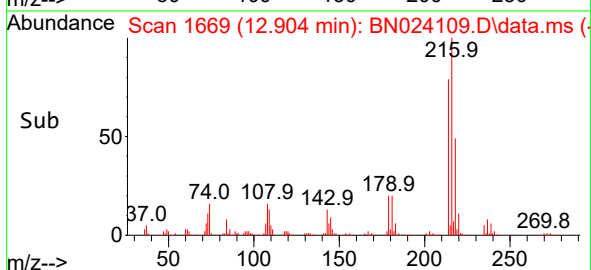
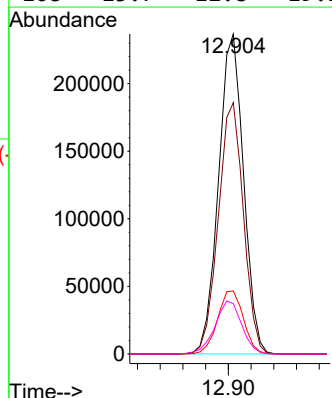
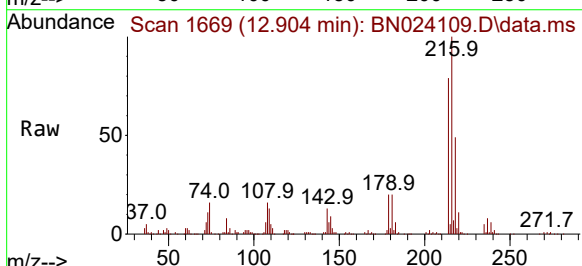
Ion Ratio Lower Upper

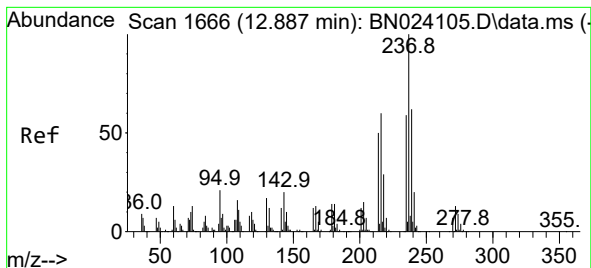
216 100

214 78.6 61.2 91.8

179 19.7 15.1 22.7

108 15.7 12.8 19.2





#40

Hexachlorocyclopentadiene

Concen: 15.811 ng/ul

RT: 12.887 min Scan# 1666

Delta R.T. 0.000 min

Lab File: BN024109.D

Acq: 27 Feb 2023 17:13

Instrument :

BNA_N

ClientSampleId :

SICV244

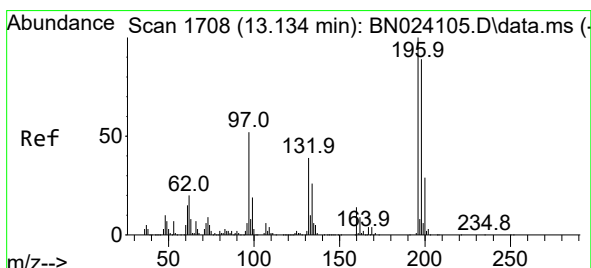
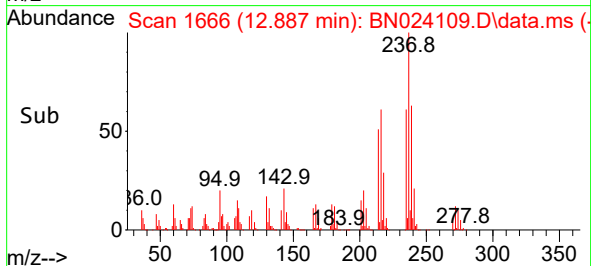
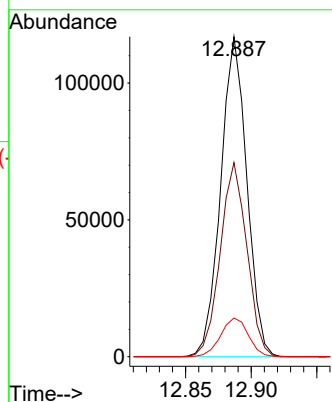
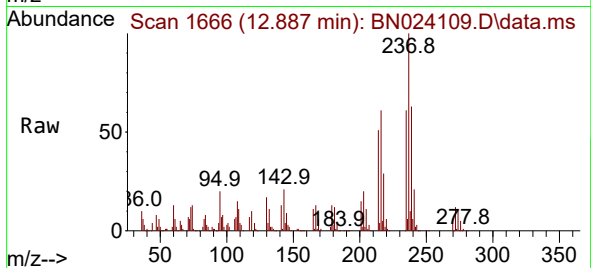
Tgt Ion:237 Resp: 162062

Ion Ratio Lower Upper

237 100

235 60.7 47.8 71.6

272 12.8 11.3 16.9



#41

2,4,6-Trichlorophenol

Concen: 17.709 ng/ul

RT: 13.134 min Scan# 1708

Delta R.T. 0.000 min

Lab File: BN024109.D

Acq: 27 Feb 2023 17:13

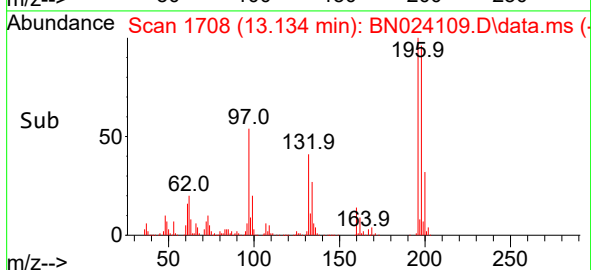
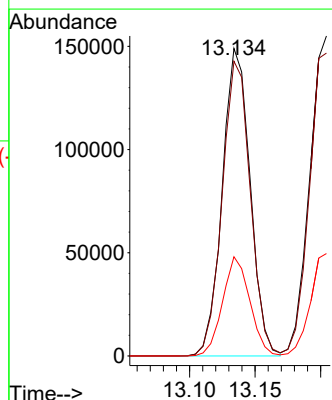
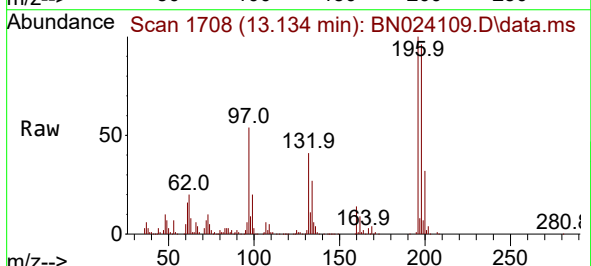
Tgt Ion:196 Resp: 220352

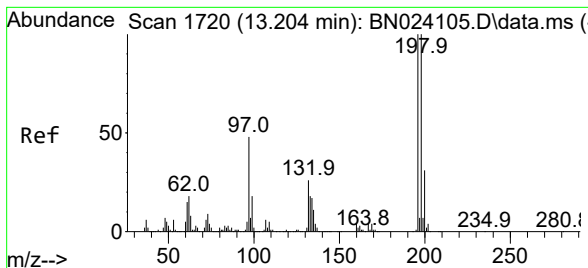
Ion Ratio Lower Upper

196 100

198 95.9 70.9 106.3

200 32.3 23.2 34.8

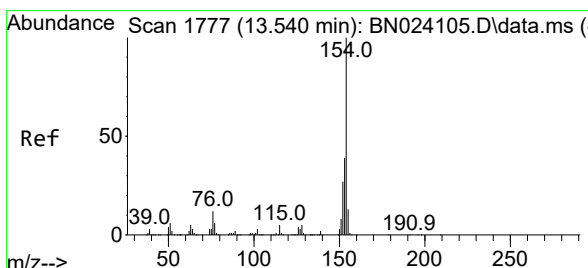
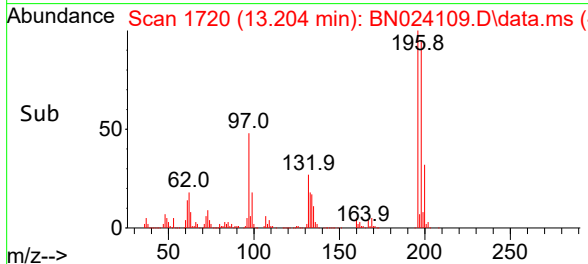
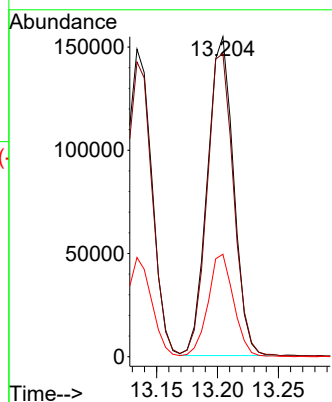
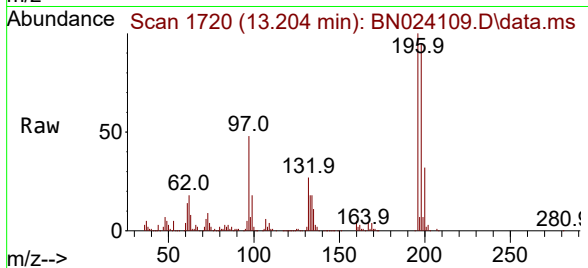




#42
2,4,5-Trichlorophenol
Concen: 17.421 ng/ul
RT: 13.204 min Scan# 1720
Delta R.T. 0.000 min
Lab File: BN024109.D
Acq: 27 Feb 2023 17:13

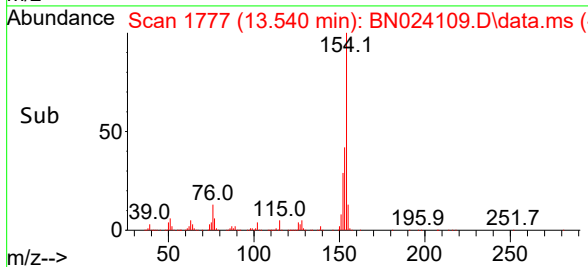
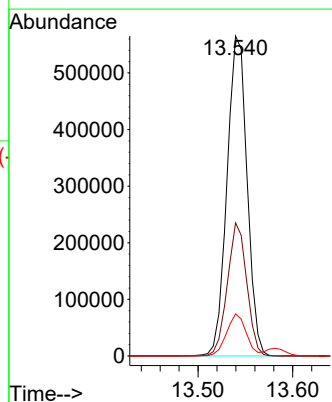
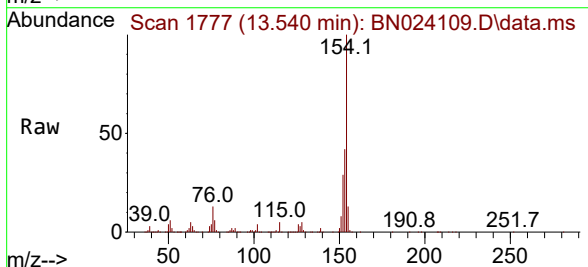
Instrument :
BNA_N
ClientSampleId :
SICV244

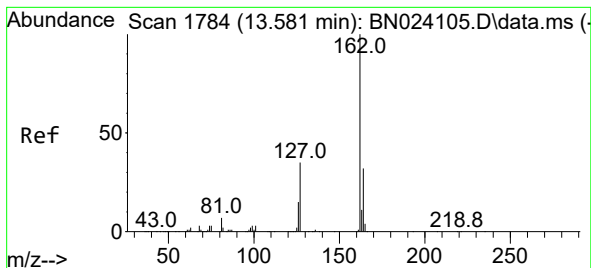
Tgt Ion:196 Resp: 231554
Ion Ratio Lower Upper
196 100
198 94.7 80.2 120.2
200 32.0 25.2 37.8



#43
1,1'-Biphenyl
Concen: 18.142 ng/ul
RT: 13.540 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BN024109.D
Acq: 27 Feb 2023 17:13

Tgt Ion:154 Resp: 833694
Ion Ratio Lower Upper
154 100
153 41.6 31.4 47.0
76 13.2 9.9 14.9





#44

2-Chloronaphthalene

Concen: 17.626 ng/ul

RT: 13.581 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN024109.D

Acq: 27 Feb 2023 17:13

Instrument :

BNA_N

ClientSampleId :

SICV244

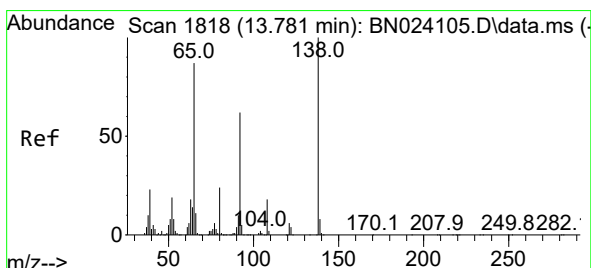
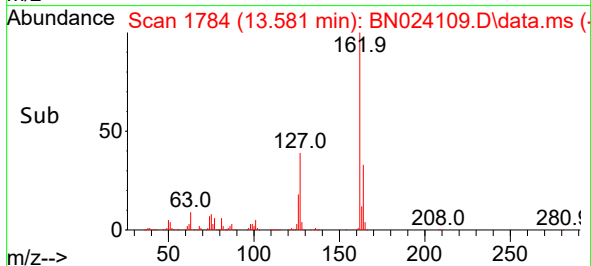
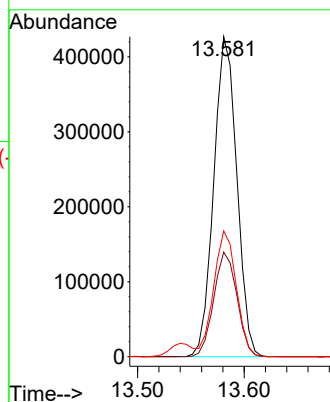
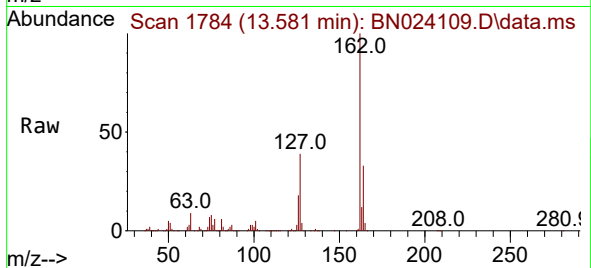
Tgt Ion:162 Resp: 640391

Ion Ratio Lower Upper

162 100

164 32.7 25.6 38.4

127 39.3 31.6 47.4



#45

2-Nitroaniline

Concen: 16.216 ng/ul

RT: 13.781 min Scan# 1818

Delta R.T. 0.000 min

Lab File: BN024109.D

Acq: 27 Feb 2023 17:13

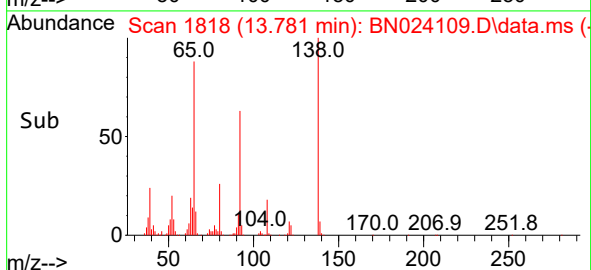
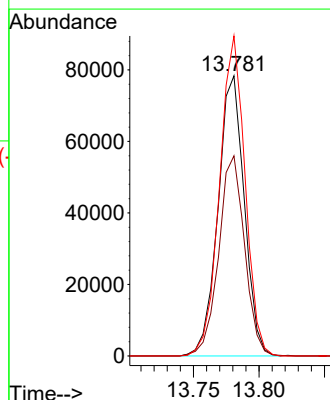
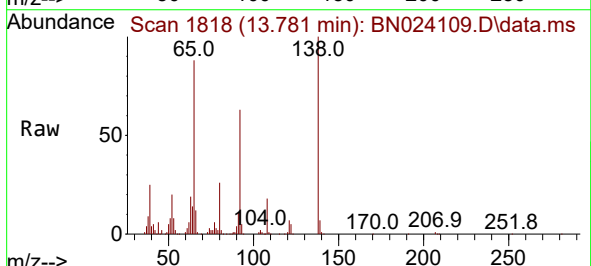
Tgt Ion: 65 Resp: 108855

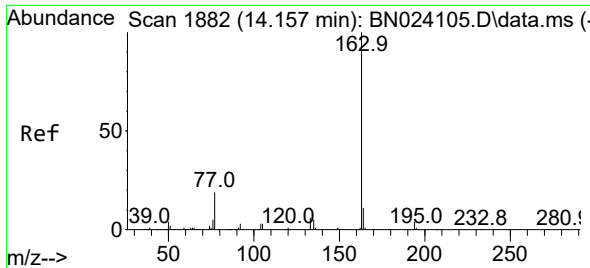
Ion Ratio Lower Upper

65 100

92 71.4 56.5 84.7

138 114.2 91.6 137.4

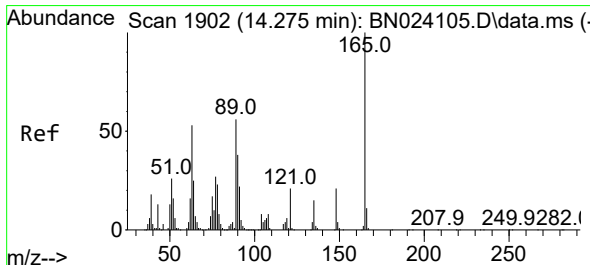
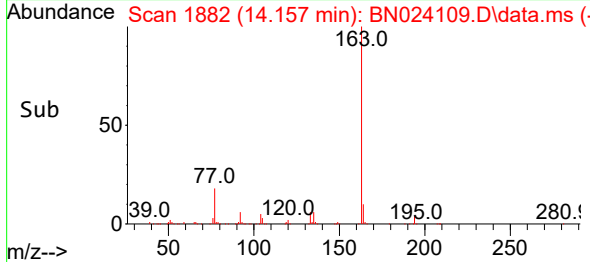
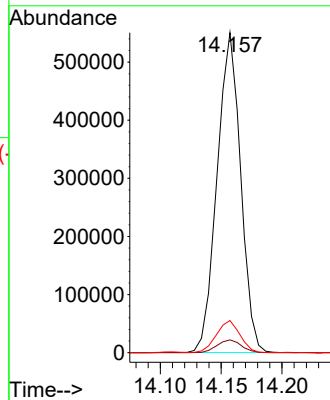
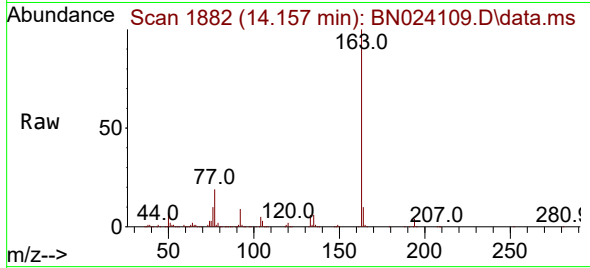




#47
Dimethylphthalate
Concen: 17.350 ng/ul
RT: 14.157 min Scan# 1882
Delta R.T. 0.000 min
Lab File: BN024109.D
Acq: 27 Feb 2023 17:13

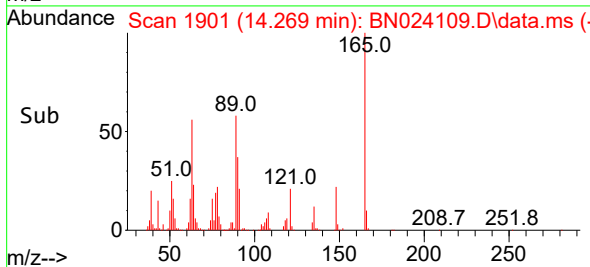
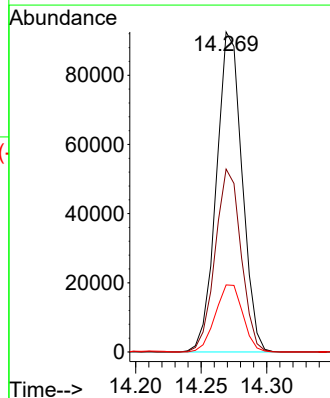
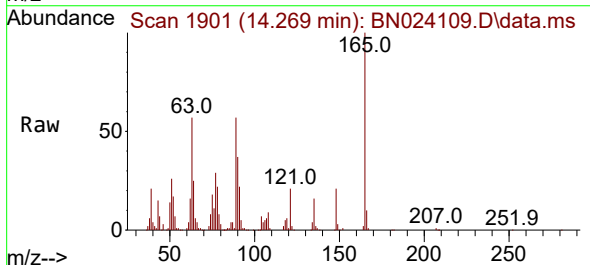
Instrument :
BNA_N
ClientSampleId :
SICV244

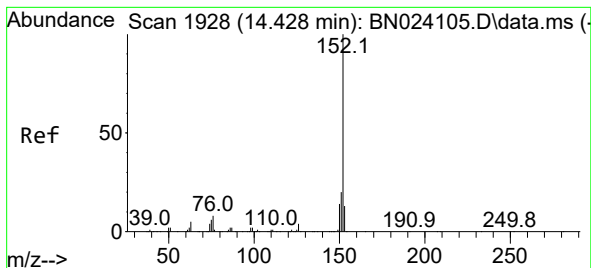
Tgt Ion:163 Resp: 740464
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.0 8.6 13.0



#48
2,6-Dinitrotoluene
Concen: 21.588 ng/ul
RT: 14.269 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BN024109.D
Acq: 27 Feb 2023 17:13

Tgt Ion:165 Resp: 126000
Ion Ratio Lower Upper
165 100
89 57.1 44.6 67.0
121 21.0 17.2 25.8





#50

Acenaphthylene

Concen: 17.957 ng/ul

RT: 14.428 min Scan# 1928

Delta R.T. 0.000 min

Lab File: BN024109.D

Acq: 27 Feb 2023 17:13

Instrument :

BNA_N

ClientSampleId :

SICV244

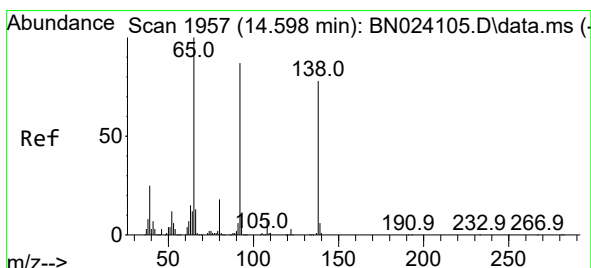
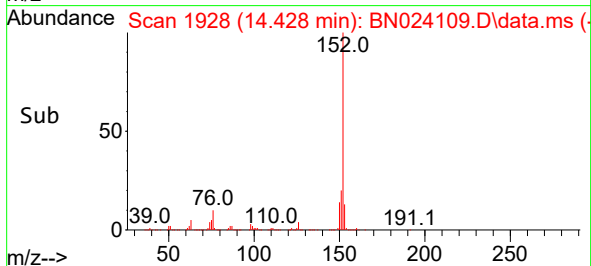
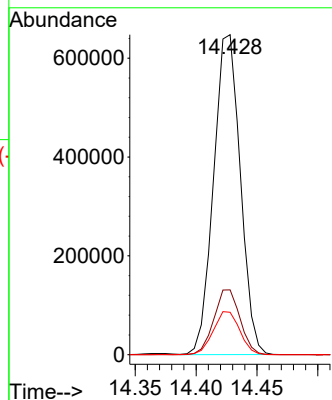
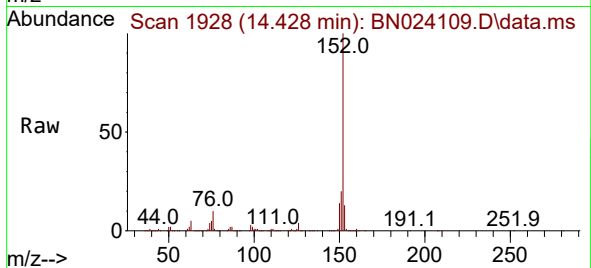
Tgt Ion:152 Resp: 987709

Ion Ratio Lower Upper

152 100

151 20.2 15.6 23.4

153 13.2 10.3 15.5



#51

3-Nitroaniline

Concen: 20.229 ng/ul

RT: 14.598 min Scan# 1957

Delta R.T. 0.000 min

Lab File: BN024109.D

Acq: 27 Feb 2023 17:13

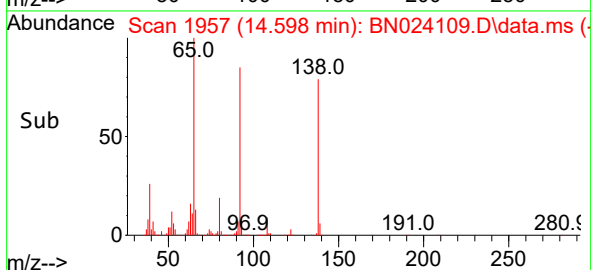
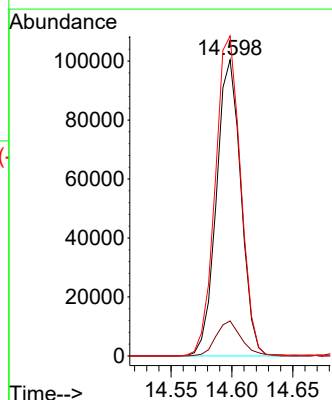
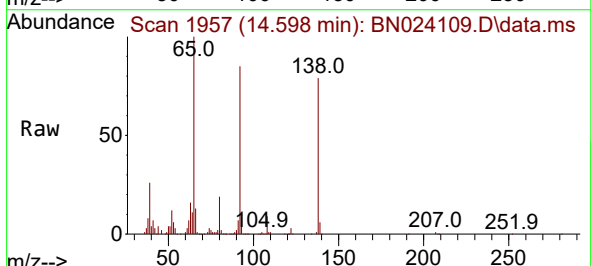
Tgt Ion:138 Resp: 141077

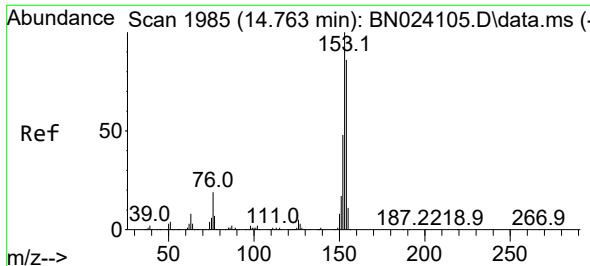
Ion Ratio Lower Upper

138 100

108 11.8 8.2 12.2

92 108.1 89.4 134.0

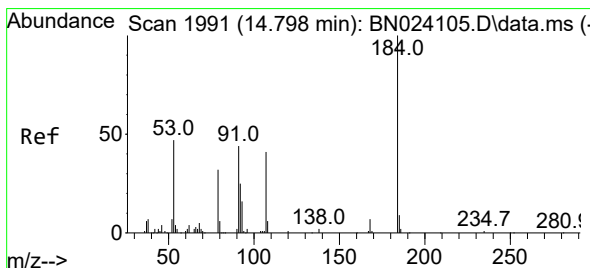
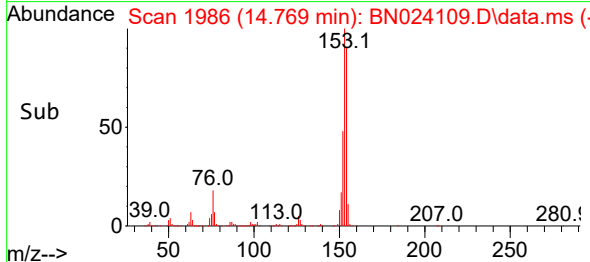
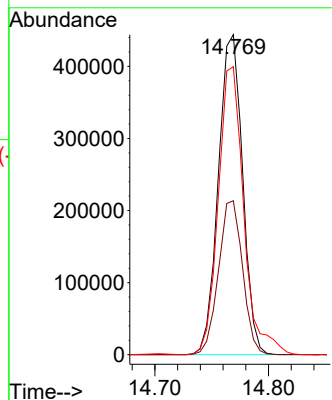
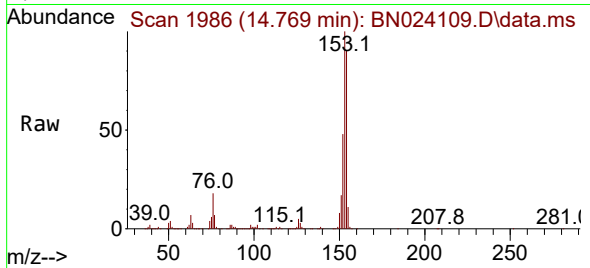




#52
Acenaphthene
Concen: 17.603 ng/ul
RT: 14.769 min Scan# 1985
Delta R.T. 0.006 min
Lab File: BN024109.D
Acq: 27 Feb 2023 17:13

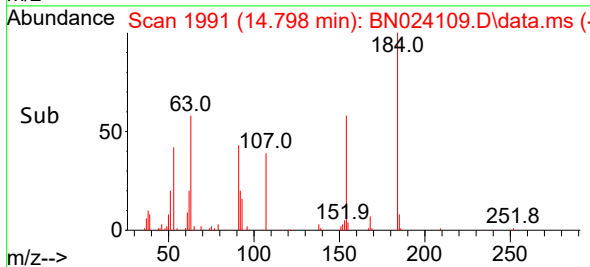
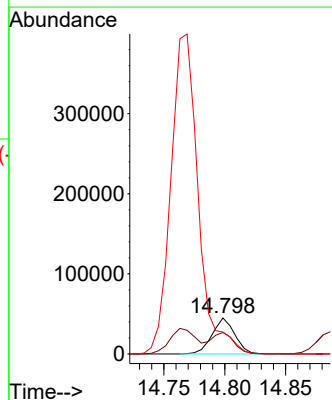
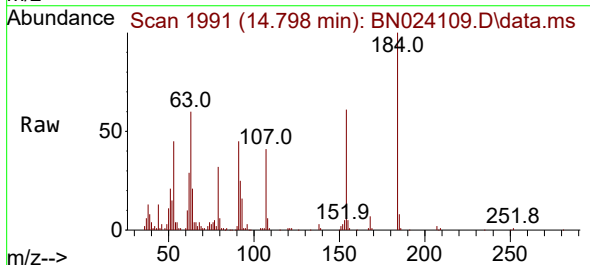
Instrument :
BNA_N
ClientSampleId :
SICV244

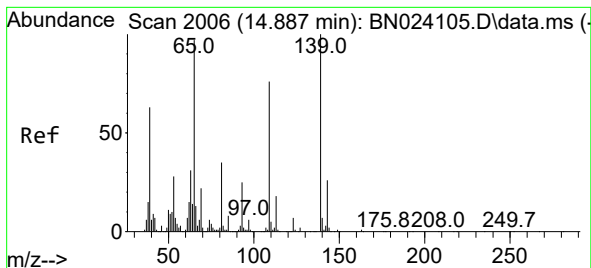
Tgt Ion:153 Resp: 658281
Ion Ratio Lower Upper
153 100
152 48.1 38.4 57.6
154 90.0 68.9 103.3



#53
2,4-Dinitrophenol
Concen: 14.372 ng/ul
RT: 14.798 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BN024109.D
Acq: 27 Feb 2023 17:13

Tgt Ion:184 Resp: 57900
Ion Ratio Lower Upper
184 100
63 59.5 49.1 73.7
154 61.0 50.5 75.7

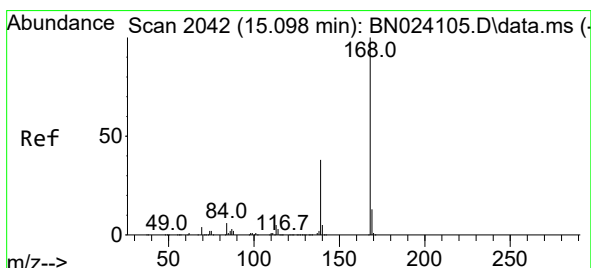
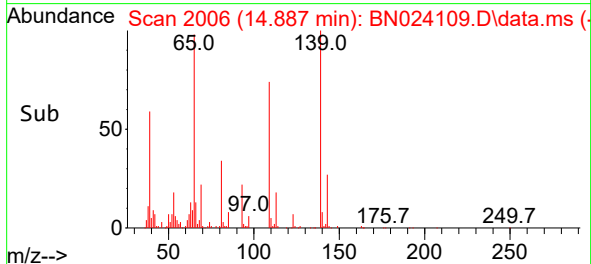
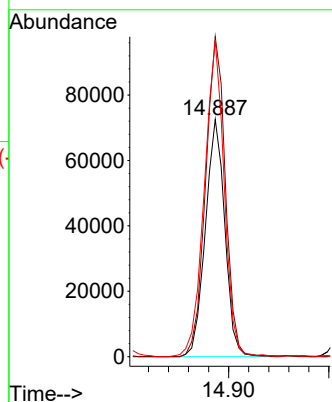
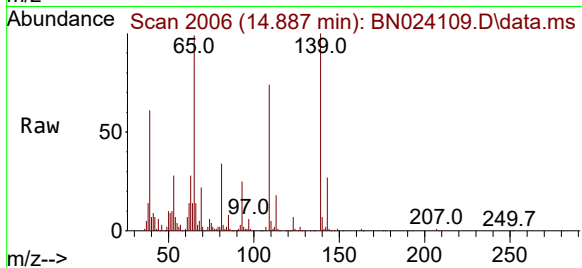




#55
4-Nitrophenol
Concen: 16.690 ng/ul
RT: 14.887 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BN024109.D
Acq: 27 Feb 2023 17:13

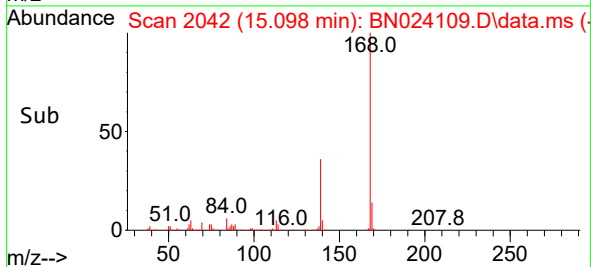
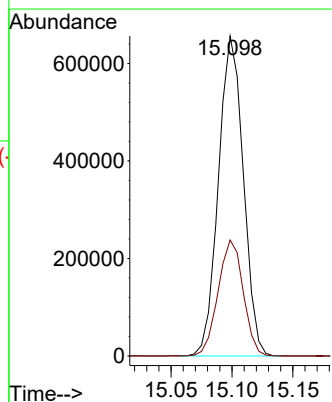
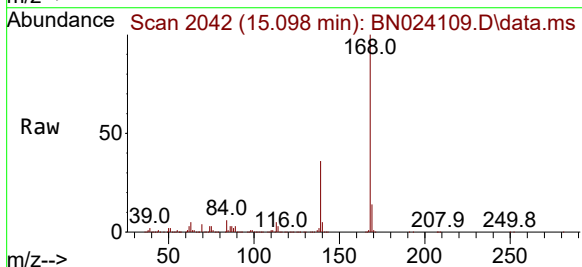
Instrument :
BNA_N
ClientSampleId :
SICV244

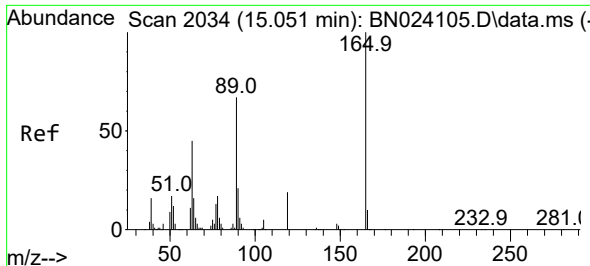
Tgt Ion:109 Resp: 98177
Ion Ratio Lower Upper
109 100
139 134.9 105.6 158.4
65 133.4 102.8 154.2



#56
Dibenzofuran
Concen: 17.940 ng/ul
RT: 15.098 min Scan# 2042
Delta R.T. 0.000 min
Lab File: BN024109.D
Acq: 27 Feb 2023 17:13

Tgt Ion:168 Resp: 931814
Ion Ratio Lower Upper
168 100
139 36.3 30.2 45.2

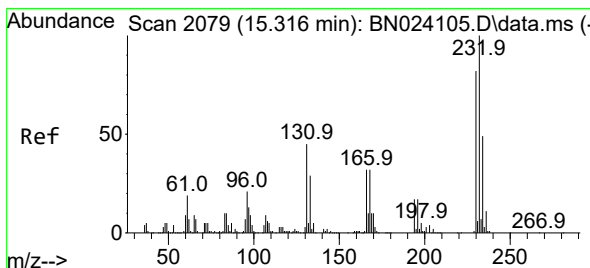
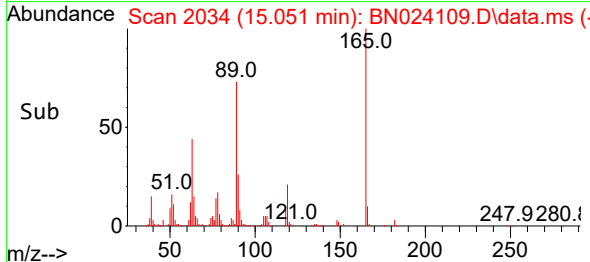
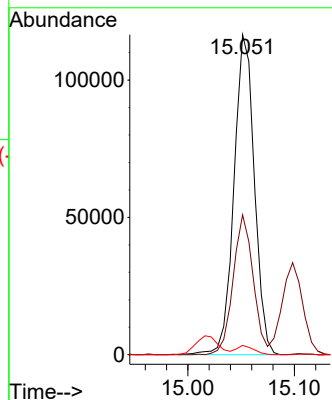
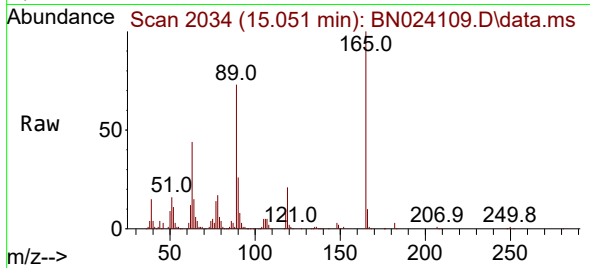




#57
2,4-Dinitrotoluene
Concen: 18.019 ng/ul
RT: 15.051 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BN024109.D
Acq: 27 Feb 2023 17:13

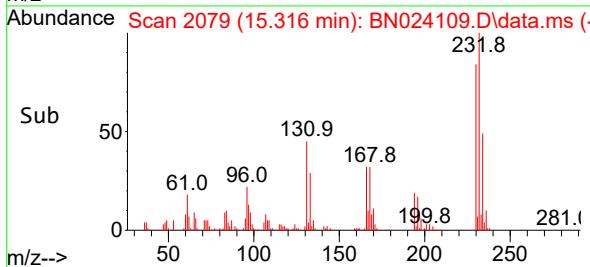
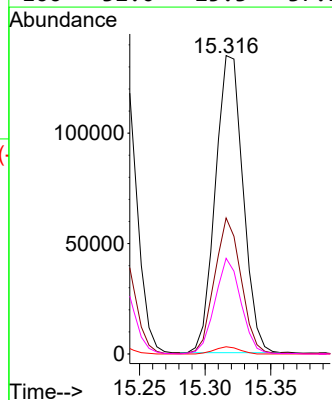
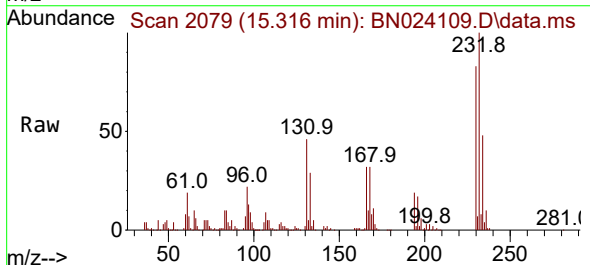
Instrument :
BNA_N
ClientSampleId :
SICV244

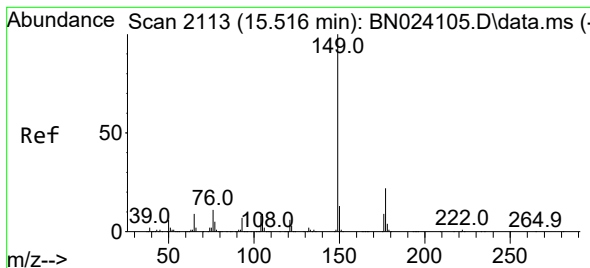
Tgt Ion:165 Resp: 155604
Ion Ratio Lower Upper
165 100
63 43.7 36.1 54.1
182 2.9 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 17.851 ng/ul
RT: 15.316 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BN024109.D
Acq: 27 Feb 2023 17:13

Tgt Ion:232 Resp: 197361
Ion Ratio Lower Upper
232 100
131 45.6 36.4 54.6
130 2.4 2.1 3.1
166 32.0 25.3 37.9





#59

Diethylphthalate

Concen: 17.377 ng/ul

RT: 15.516 min Scan# 2113

Delta R.T. 0.000 min

Lab File: BN024109.D

Acq: 27 Feb 2023 17:13

Instrument :

BNA_N

ClientSampleId :

SICV244

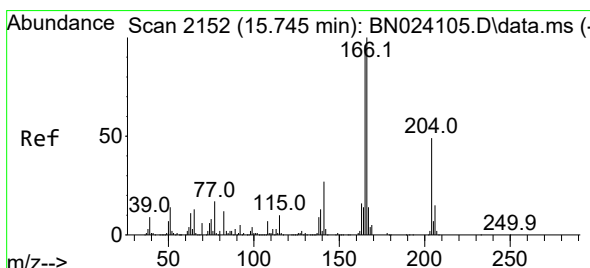
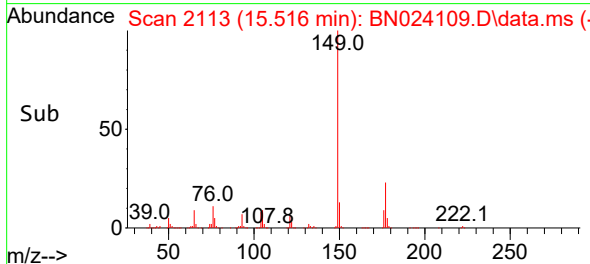
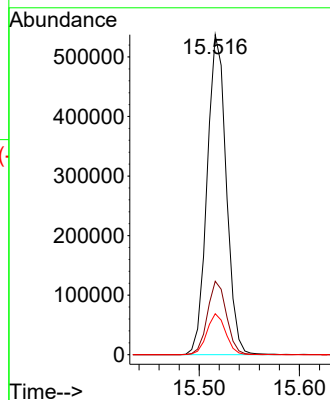
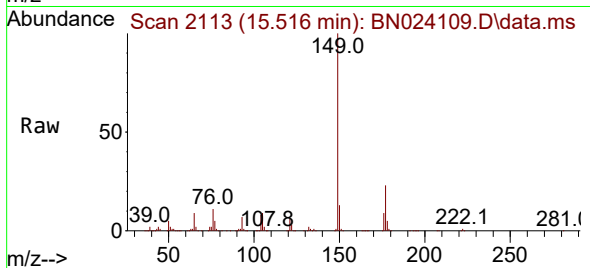
Tgt Ion:149 Resp: 715078

Ion Ratio Lower Upper

149 100

177 22.9 17.4 26.2

150 12.8 10.2 15.4



#61

Fluorene

Concen: 17.937 ng/ul

RT: 15.745 min Scan# 2152

Delta R.T. 0.000 min

Lab File: BN024109.D

Acq: 27 Feb 2023 17:13

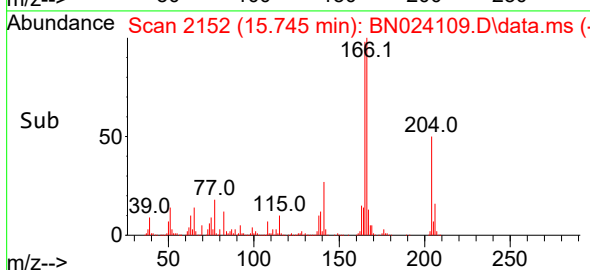
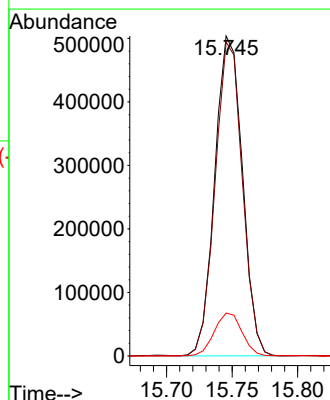
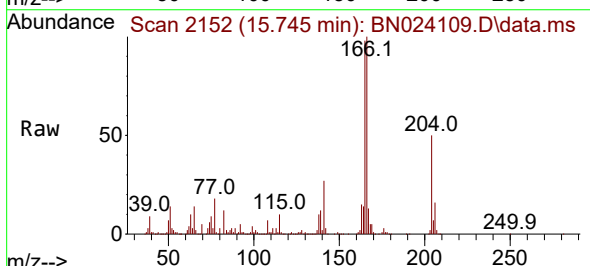
Tgt Ion:166 Resp: 736783

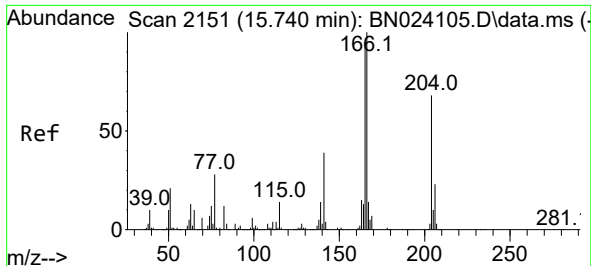
Ion Ratio Lower Upper

166 100

165 98.1 76.5 114.7

167 13.4 11.0 16.6

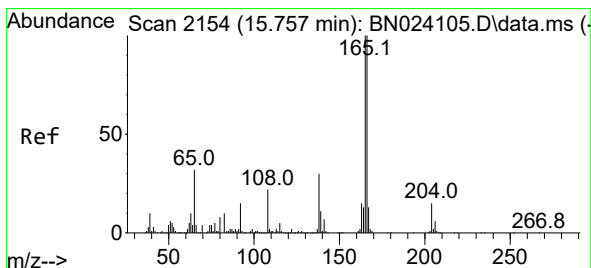
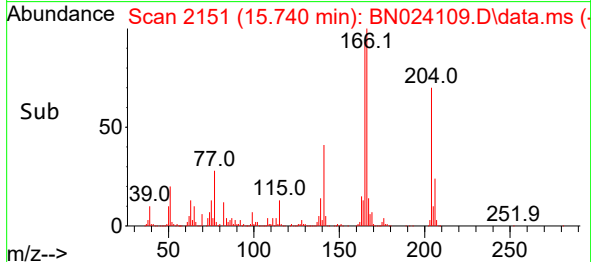
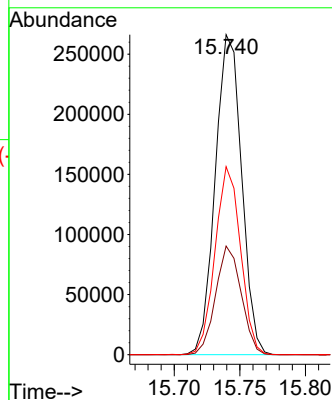
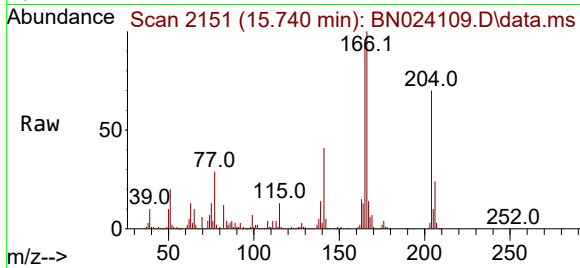




#62
4-Chlorophenyl-phenylether
Concen: 17.888 ng/ul
RT: 15.740 min Scan# 2151
Delta R.T. 0.000 min
Lab File: BN024109.D
Acq: 27 Feb 2023 17:13

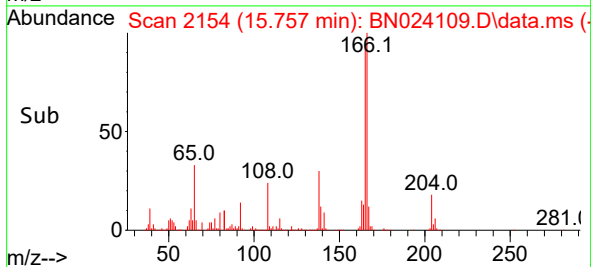
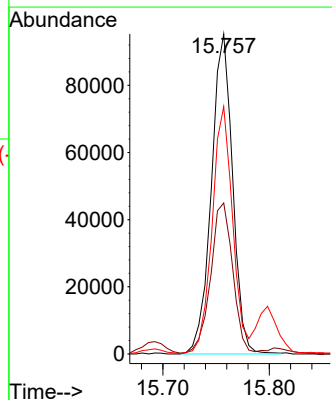
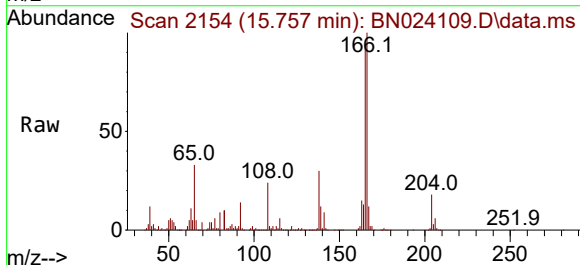
Instrument :
BNA_N
ClientSampleId :
SICV244

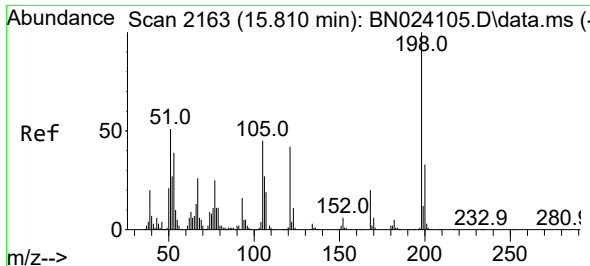
Tgt Ion:204 Resp: 372417
Ion Ratio Lower Upper
204 100
206 33.9 27.4 41.2
141 58.8 46.2 69.2



#63
4-Nitroaniline
Concen: 21.243 ng/ul
RT: 15.757 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BN024109.D
Acq: 27 Feb 2023 17:13

Tgt Ion:138 Resp: 132083
Ion Ratio Lower Upper
138 100
92 47.2 39.9 59.9
108 77.3 58.2 87.4

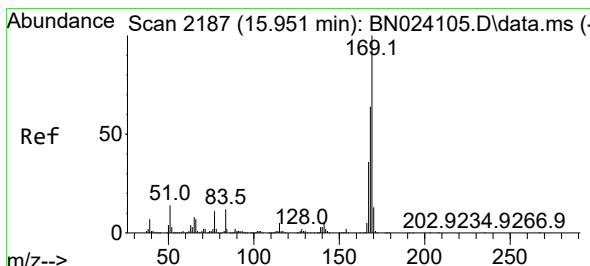
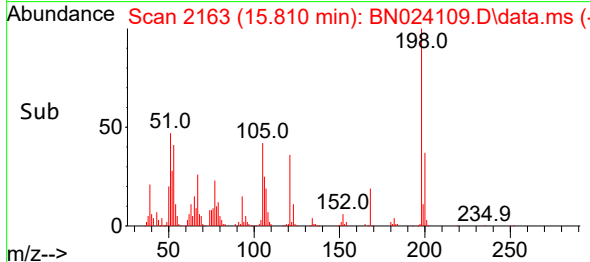
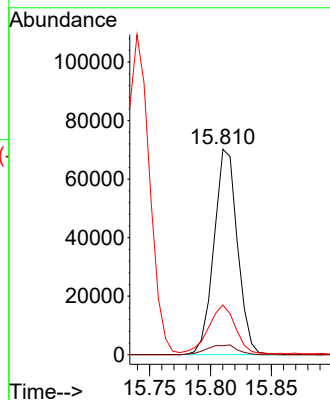
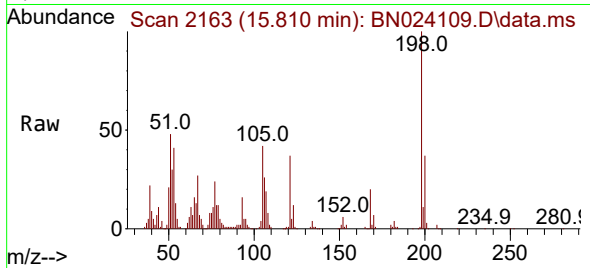




#66
4,6-Dinitro-2-methylphenol
Concen: 16.965 ng/ul
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BN024109.D
Acq: 27 Feb 2023 17:13

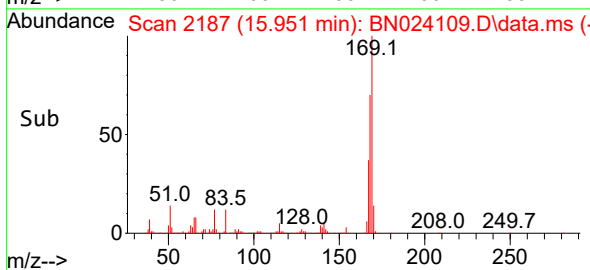
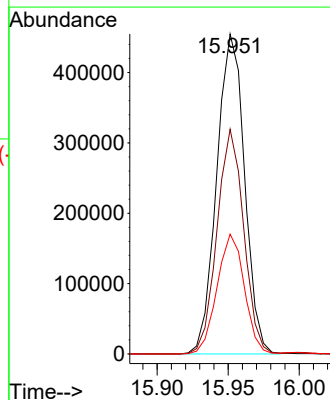
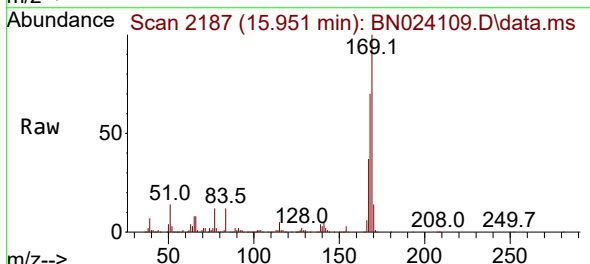
Instrument :
BNA_N
ClientSampleId :
SICV244

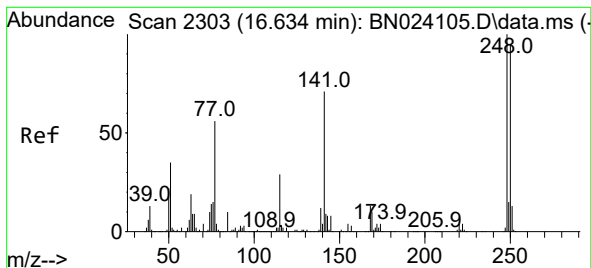
Tgt Ion:198 Resp: 94209
Ion Ratio Lower Upper
198 100
182 4.3 3.9 5.9
77 24.1 20.4 30.6



#67
N-Nitrosodiphenylamine
Concen: 18.523 ng/ul
RT: 15.951 min Scan# 2187
Delta R.T. 0.000 min
Lab File: BN024109.D
Acq: 27 Feb 2023 17:13

Tgt Ion:169 Resp: 620779
Ion Ratio Lower Upper
169 100
168 70.2 51.4 77.2
167 37.4 28.6 43.0

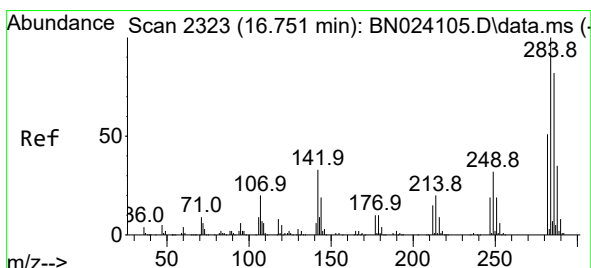
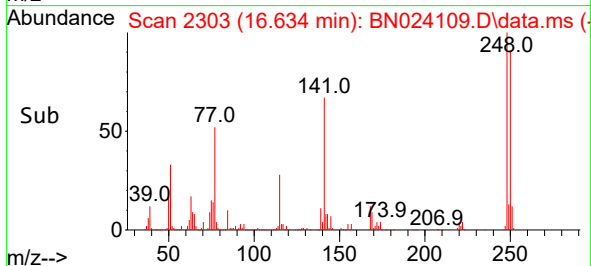
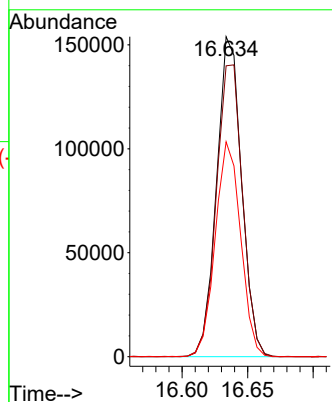
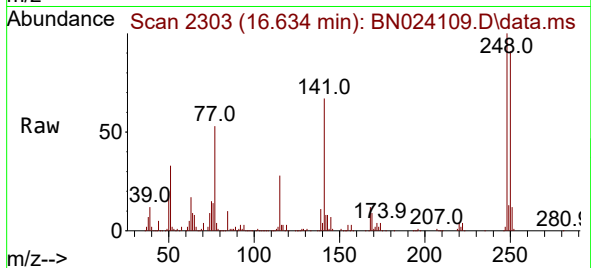




#68
4-Bromophenyl-phenylether
Concen: 16.190 ng/ul
RT: 16.634 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN024109.D
Acq: 27 Feb 2023 17:13

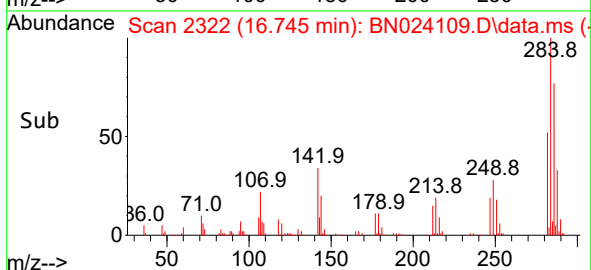
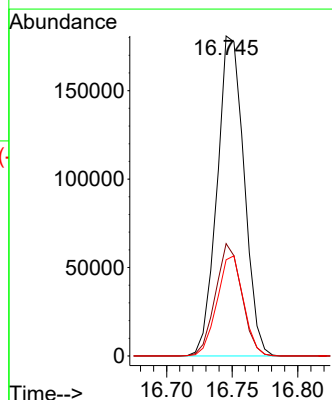
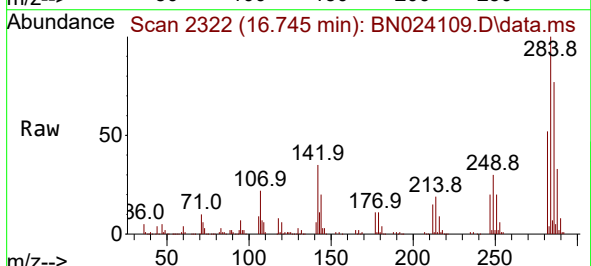
Instrument :
BNA_N
ClientSampleId :
SICV244

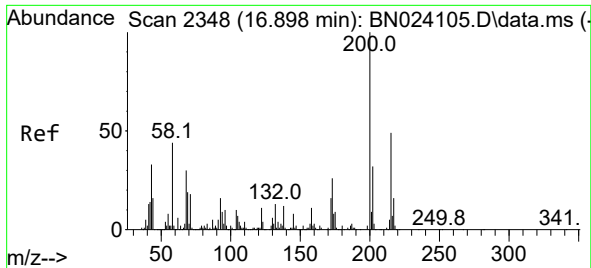
Tgt Ion:248 Resp: 203797
Ion Ratio Lower Upper
248 100
250 90.9 76.0 114.0
141 67.1 56.5 84.7



#69
Hexachlorobenzene
Concen: 17.737 ng/ul
RT: 16.745 min Scan# 2322
Delta R.T. -0.006 min
Lab File: BN024109.D
Acq: 27 Feb 2023 17:13

Tgt Ion:284 Resp: 258869
Ion Ratio Lower Upper
284 100
142 35.1 26.5 39.7
249 30.0 25.5 38.3

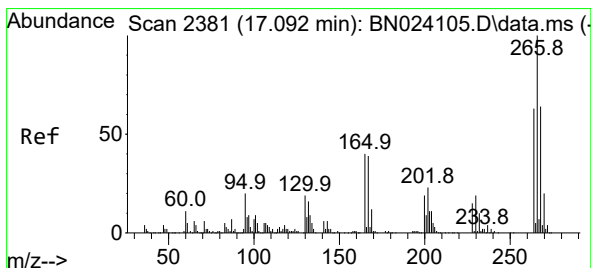
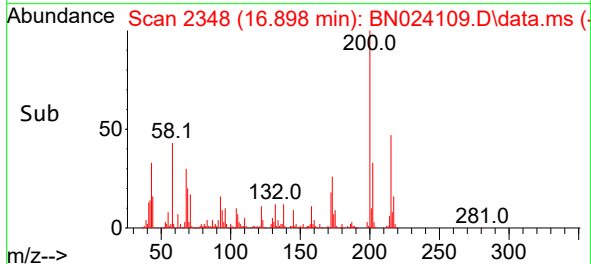
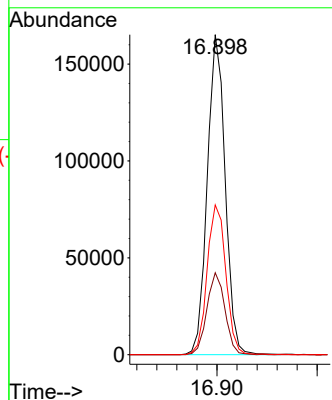
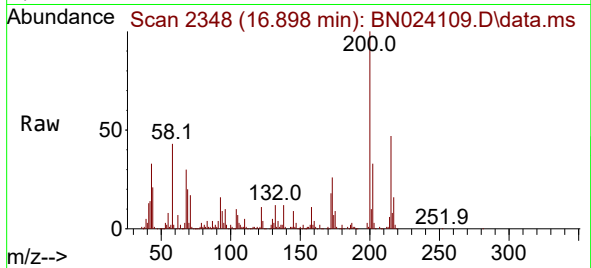




#70
Atrazine
Concen: 18.079 ng/ul
RT: 16.898 min Scan# 2348
Delta R.T. 0.000 min
Lab File: BN024109.D
Acq: 27 Feb 2023 17:13

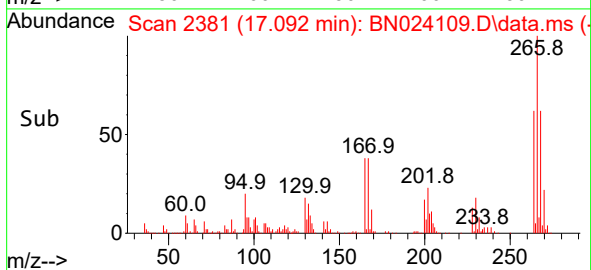
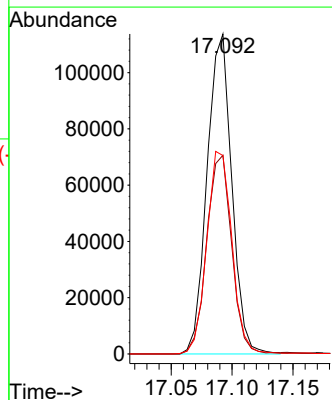
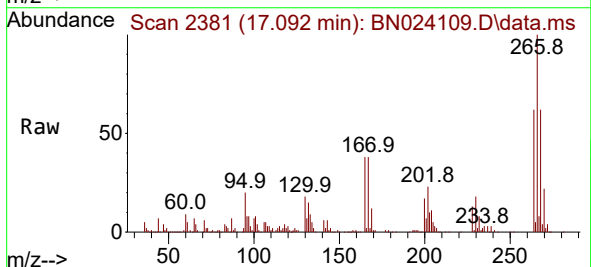
Instrument :
BNA_N
ClientSampleId :
SICV244

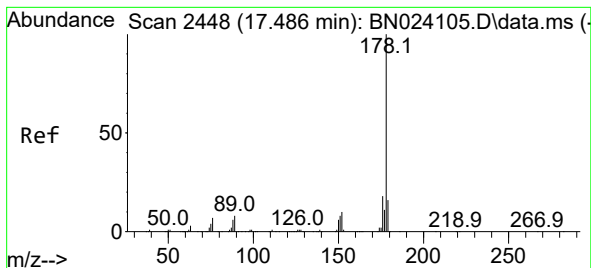
Tgt Ion:200 Resp: 204532
Ion Ratio Lower Upper
200 100
173 25.6 20.6 31.0
215 46.8 39.5 59.3



#71
Pentachlorophenol
Concen: 17.569 ng/ul
RT: 17.092 min Scan# 2381
Delta R.T. 0.000 min
Lab File: BN024109.D
Acq: 27 Feb 2023 17:13

Tgt Ion:266 Resp: 160359
Ion Ratio Lower Upper
266 100
264 62.1 50.3 75.5
268 62.0 51.5 77.3





#72

Phenanthrene

Concen: 17.909 ng/ul

RT: 17.492 min Scan# 2449

Delta R.T. 0.006 min

Lab File: BN024109.D

Acq: 27 Feb 2023 17:13

Instrument :

BNA_N

ClientSampleId :

SICV244

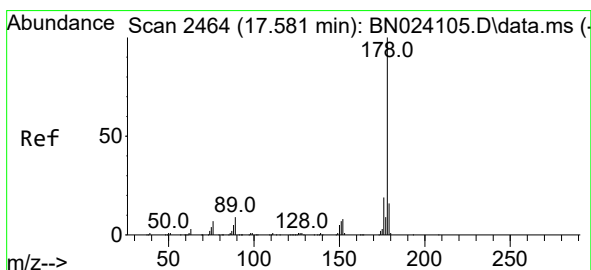
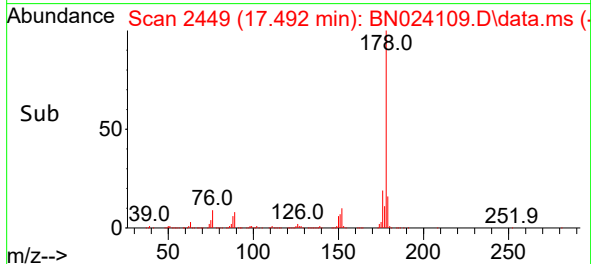
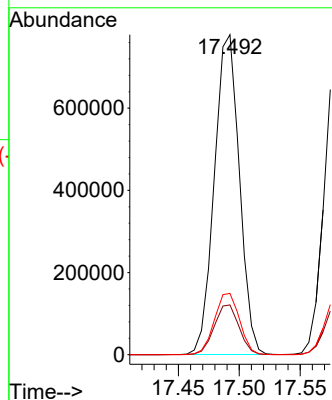
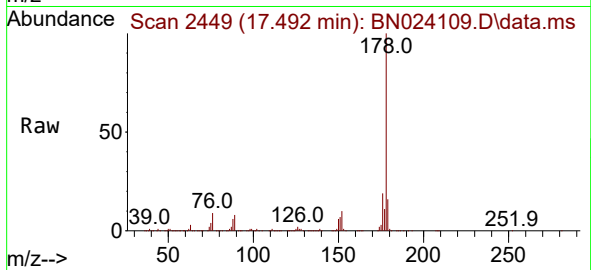
Tgt Ion:178 Resp: 1113803

Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

176 19.1 14.8 22.2



#74

Anthracene

Concen: 18.101 ng/ul

RT: 17.581 min Scan# 2464

Delta R.T. 0.000 min

Lab File: BN024109.D

Acq: 27 Feb 2023 17:13

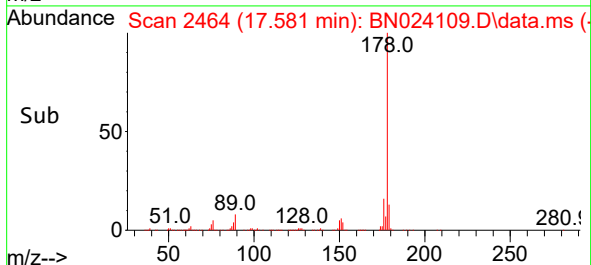
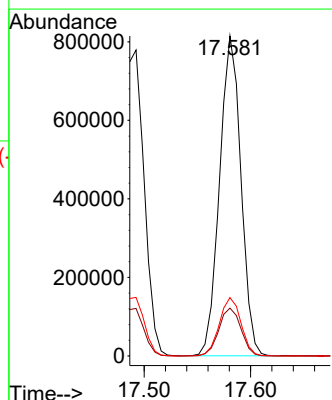
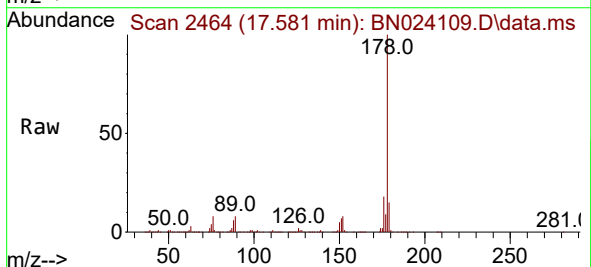
Tgt Ion:178 Resp: 1134881

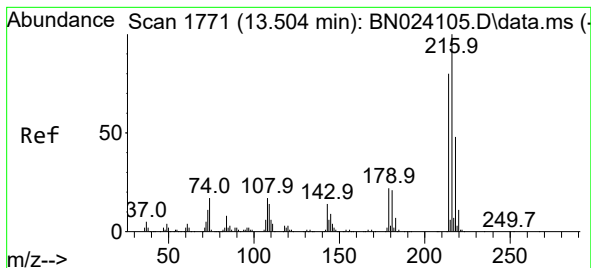
Ion Ratio Lower Upper

178 100

179 15.0 12.5 18.7

176 18.3 15.0 22.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 18.446 ng/uL

RT: 13.504 min Scan# 1771

Delta R.T. 0.000 min

Lab File: BN024109.D

Acq: 27 Feb 2023 17:13

Instrument :

BNA_N

ClientSampleId :

SICV244

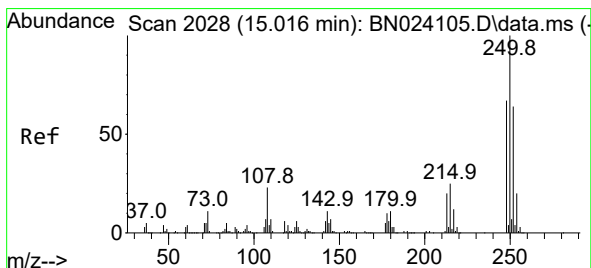
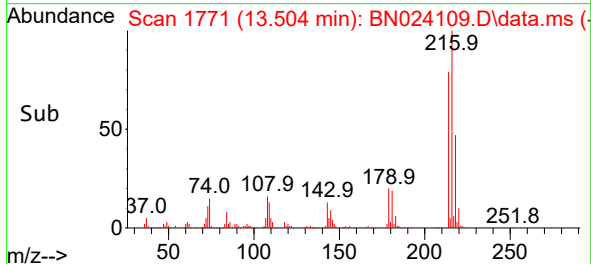
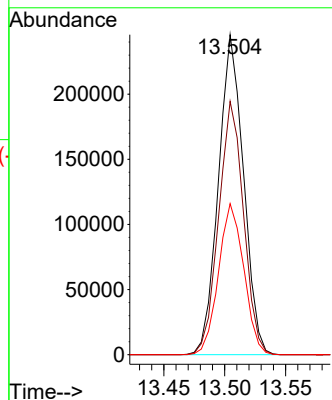
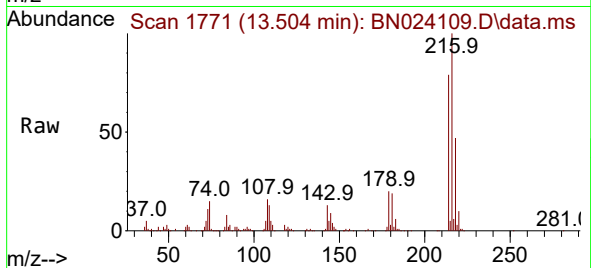
Tgt Ion:216 Resp: 352018

Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.6

218 47.2 38.2 57.4



#76

Pentachlorobenzene

Concen: 18.457 ng/uL

RT: 15.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BN024109.D

Acq: 27 Feb 2023 17:13

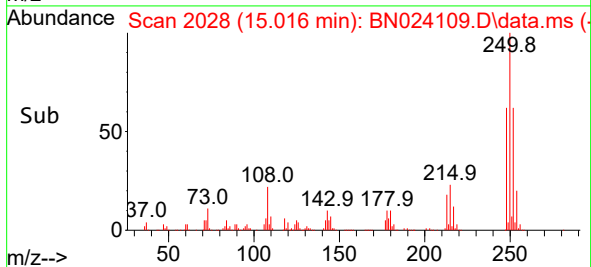
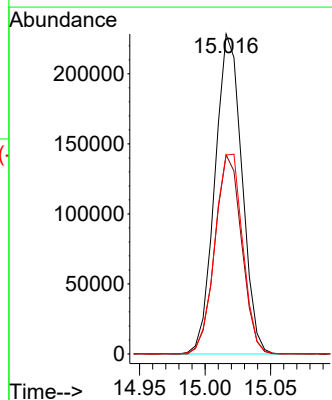
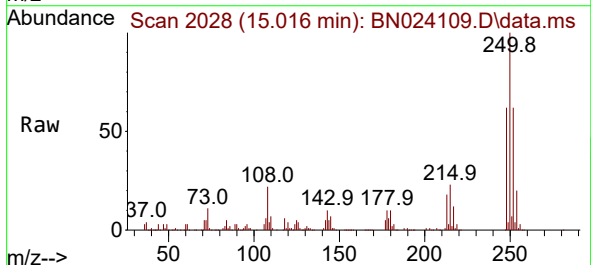
Tgt Ion:250 Resp: 326945

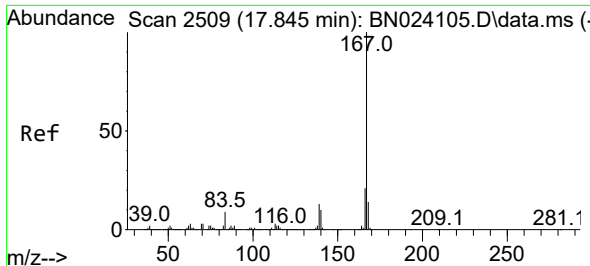
Ion Ratio Lower Upper

250 100

248 62.3 53.3 79.9

252 62.2 51.5 77.3

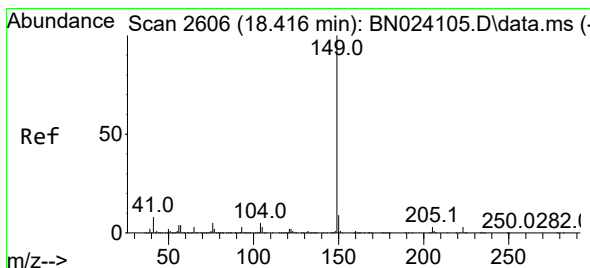
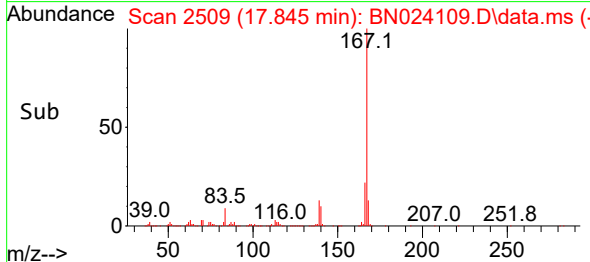
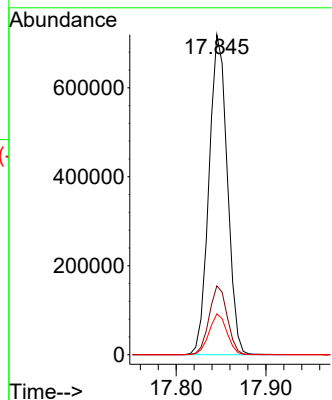
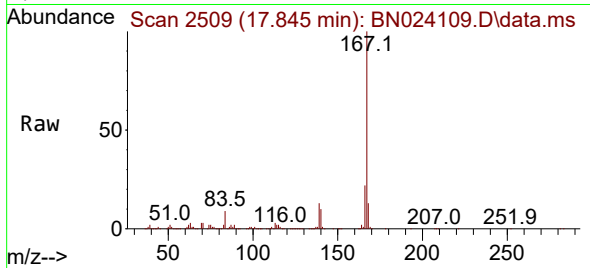




#77
 Carbazole
 Concen: 18.843 ng/ul
 RT: 17.845 min Scan# 2509
 Delta R.T. 0.000 min
 Lab File: BN024109.D
 Acq: 27 Feb 2023 17:13

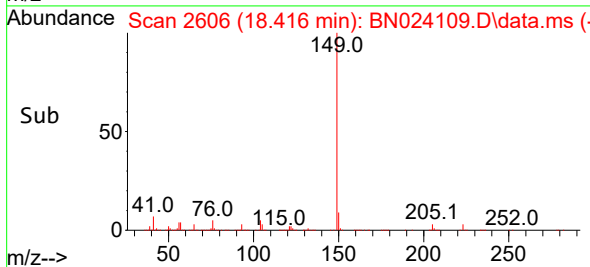
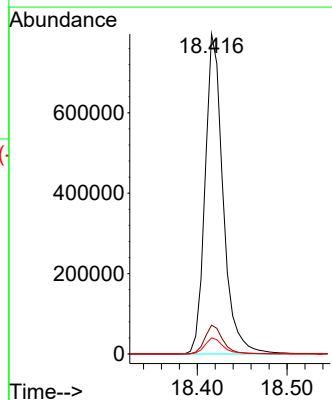
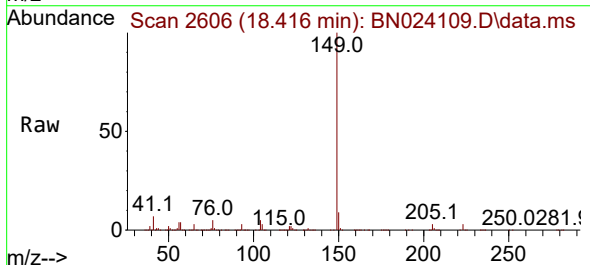
Instrument :
 BNA_N
 ClientSampleId :
 SICV244

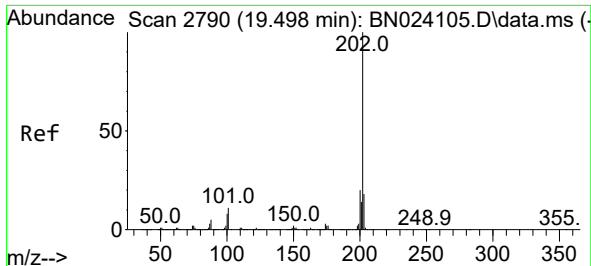
Tgt Ion:167 Resp: 1019000
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.4
 139 12.8 10.5 15.7



#78
 Di-n-butylphthalate
 Concen: 17.927 ng/ul
 RT: 18.416 min Scan# 2606
 Delta R.T. 0.000 min
 Lab File: BN024109.D
 Acq: 27 Feb 2023 17:13

Tgt Ion:149 Resp: 1108204
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 5.1 4.2 6.2

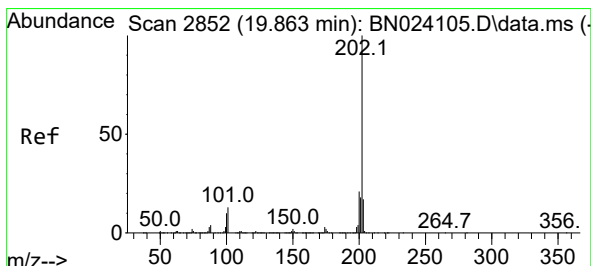
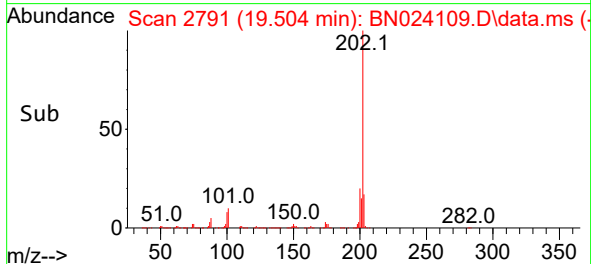
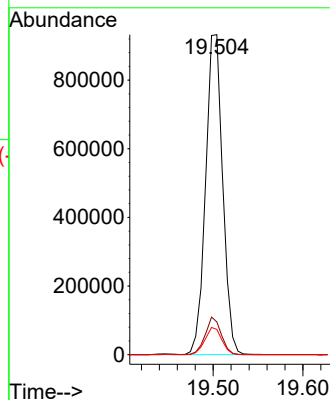
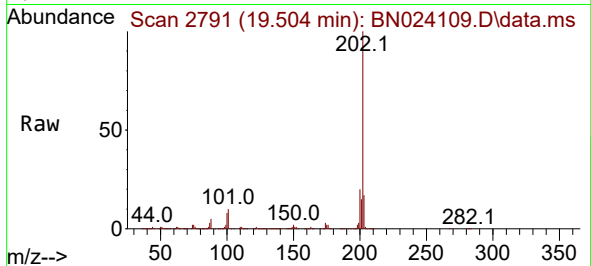




#80
Fluoranthene
Concen: 17.646 ng/ul
RT: 19.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: BN024109.D
Acq: 27 Feb 2023 17:13

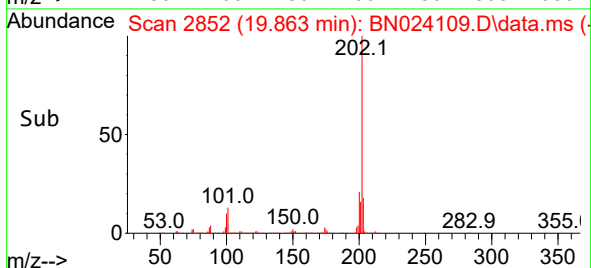
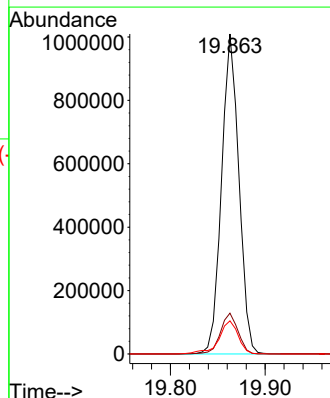
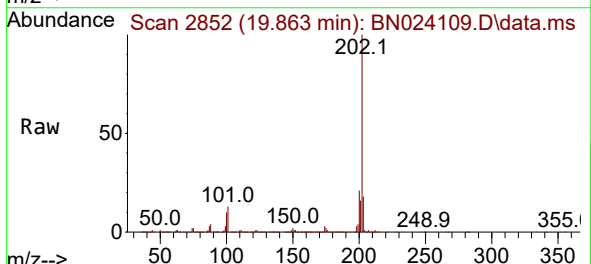
Instrument :
BNA_N
ClientSampleId :
SICV244

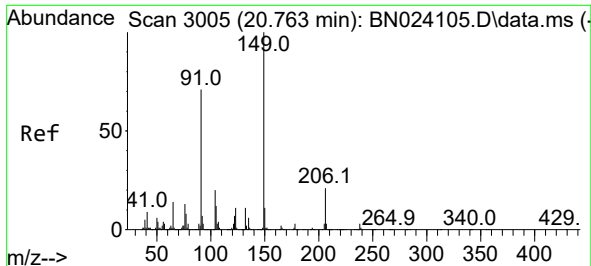
Tgt Ion:202 Resp: 1232331
Ion Ratio Lower Upper
202 100
101 10.2 8.6 13.0
100 7.9 6.7 10.1



#82
Pyrene
Concen: 17.864 ng/ul
RT: 19.863 min Scan# 2852
Delta R.T. 0.000 min
Lab File: BN024109.D
Acq: 27 Feb 2023 17:13

Tgt Ion:202 Resp: 1285510
Ion Ratio Lower Upper
202 100
101 12.8 10.0 15.0
100 10.3 8.2 12.2

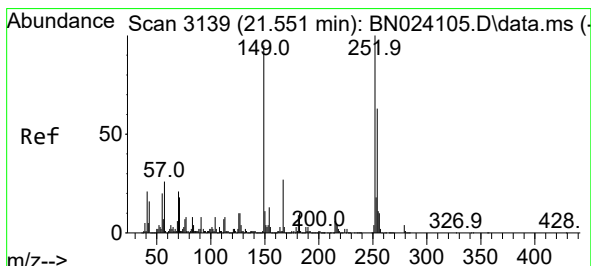
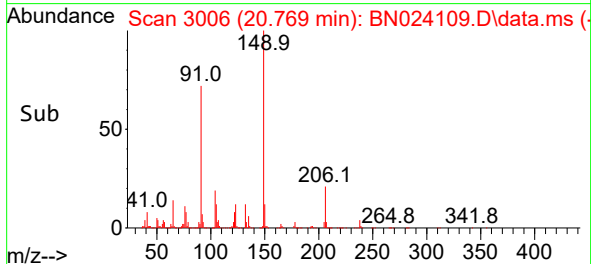
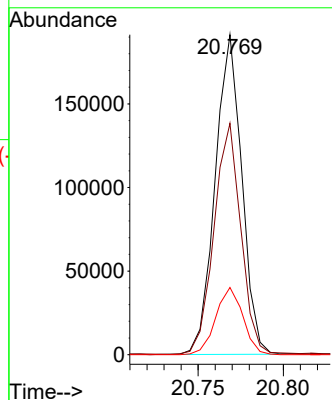
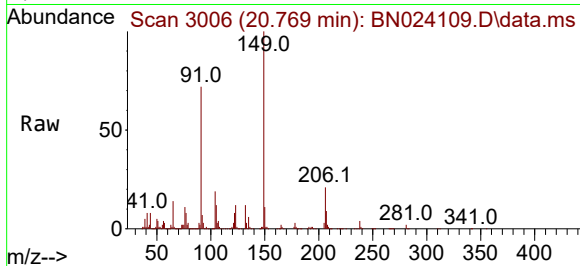




#83
 Butylbenzylphthalate
 Concen: 18.784 ng/ul
 RT: 20.769 min Scan# 3006
 Delta R.T. 0.006 min
 Lab File: BN024109.D
 Acq: 27 Feb 2023 17:13

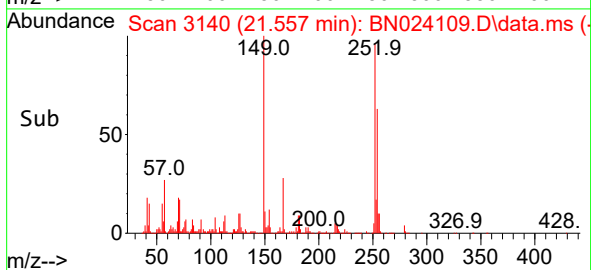
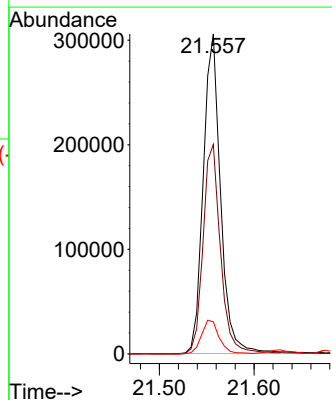
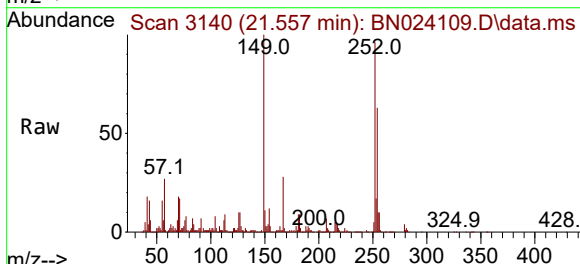
Instrument :
 BNA_N
 ClientSampleId :
 SICV244

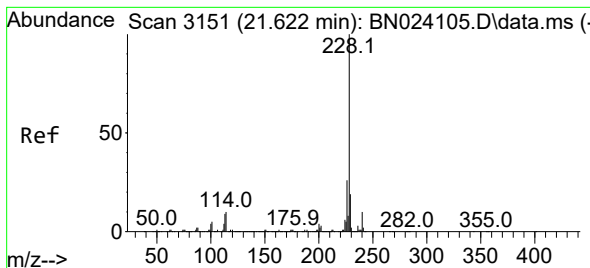
Tgt Ion:149 Resp: 207848
 Ion Ratio Lower Upper
 149 100
 91 72.3 57.0 85.4
 206 21.0 16.6 25.0



#84
 3,3'-Dichlorobenzidine
 Concen: 18.511 ng/ul
 RT: 21.557 min Scan# 3140
 Delta R.T. 0.006 min
 Lab File: BN024109.D
 Acq: 27 Feb 2023 17:13

Tgt Ion:252 Resp: 387005
 Ion Ratio Lower Upper
 252 100
 254 65.5 50.2 75.2
 126 10.1 8.4 12.6





#85

Benzo(a)anthracene

Concen: 17.537 ng/ul

RT: 21.622 min Scan# 3151

Delta R.T. 0.000 min

Lab File: BN024109.D

Acq: 27 Feb 2023 17:13

Instrument :

BNA_N

ClientSampleId :

SICV244

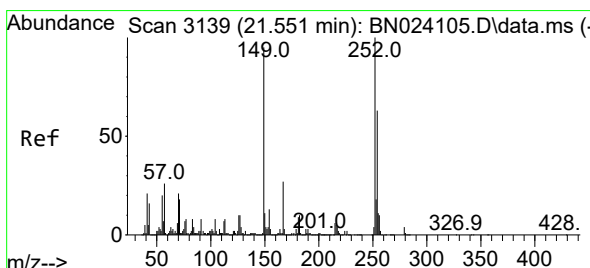
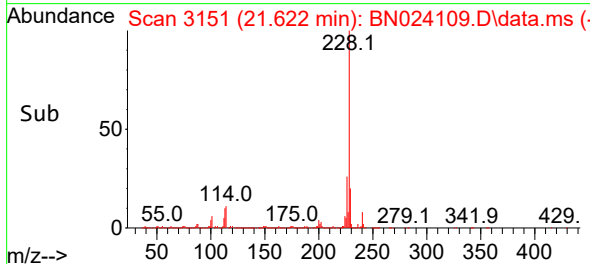
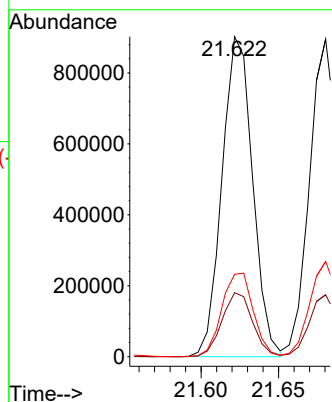
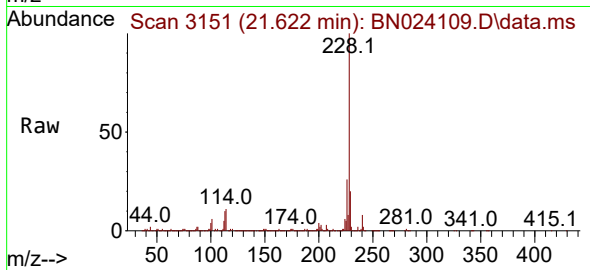
Tgt Ion:228 Resp: 1238488

Ion Ratio Lower Upper

228 100

229 20.0 15.3 22.9

226 25.7 21.0 31.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 20.672 ng/ul

RT: 21.557 min Scan# 3140

Delta R.T. 0.006 min

Lab File: BN024109.D

Acq: 27 Feb 2023 17:13

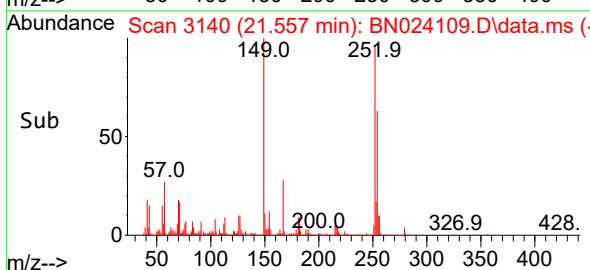
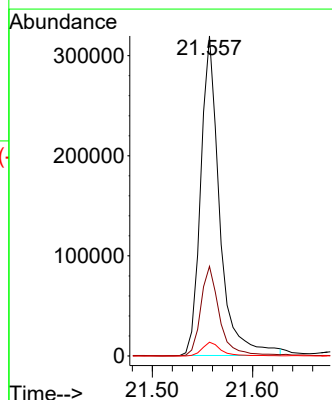
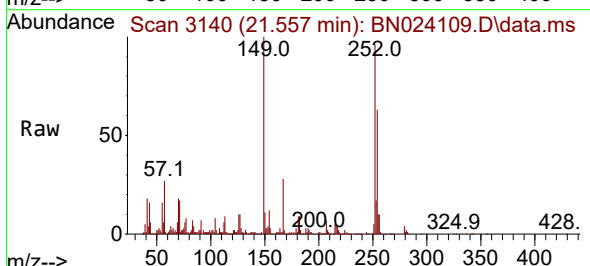
Tgt Ion:149 Resp: 420829

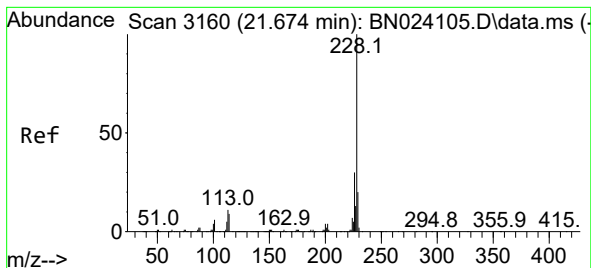
Ion Ratio Lower Upper

149 100

167 28.0 22.8 34.2

279 4.3 3.4 5.0





#87

Chrysene

Concen: 17.753 ng/ul

RT: 21.680 min Scan# 3161

Delta R.T. 0.006 min

Lab File: BN024109.D

Acq: 27 Feb 2023 17:13

Instrument :

BNA_N

ClientSampleId :

SICV244

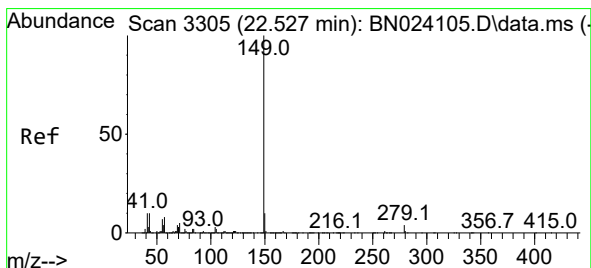
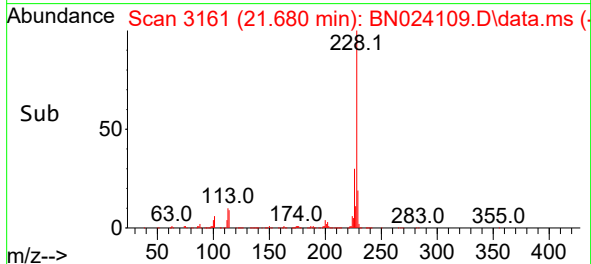
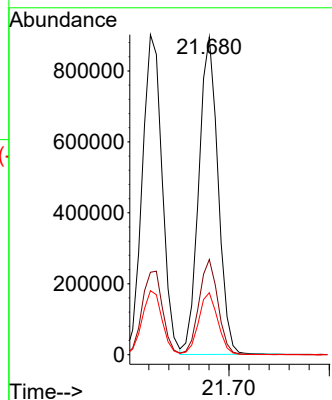
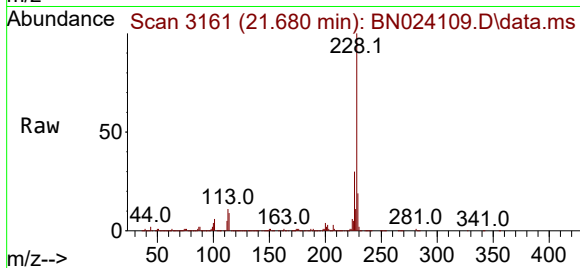
Tgt Ion:228 Resp: 1194776

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.2

229 19.5 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 15.841 ng/ul

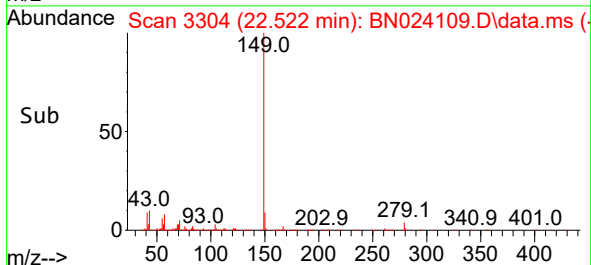
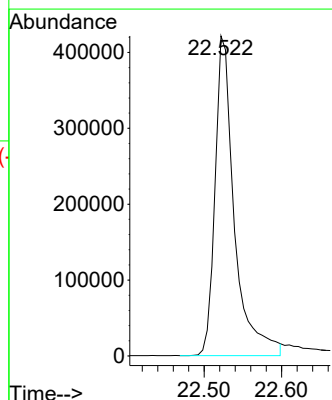
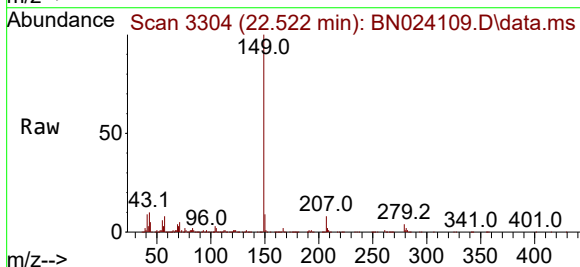
RT: 22.522 min Scan# 3304

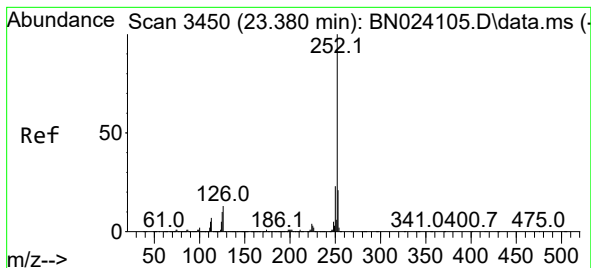
Delta R.T. -0.006 min

Lab File: BN024109.D

Acq: 27 Feb 2023 17:13

Tgt Ion:149 Resp: 730266





#90

Benzo(b)fluoranthene

Concen: 17.766 ng/ul

RT: 23.380 min Scan# 3450

Delta R.T. 0.000 min

Lab File: BN024109.D

Acq: 27 Feb 2023 17:13

Instrument :

BNA_N

ClientSampleId :

SICV244

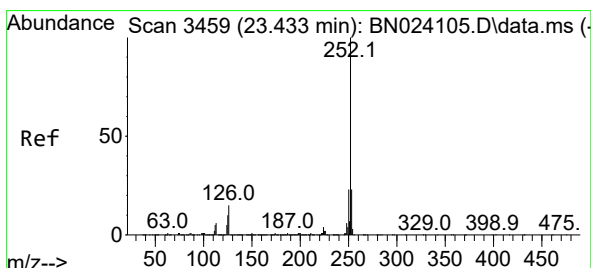
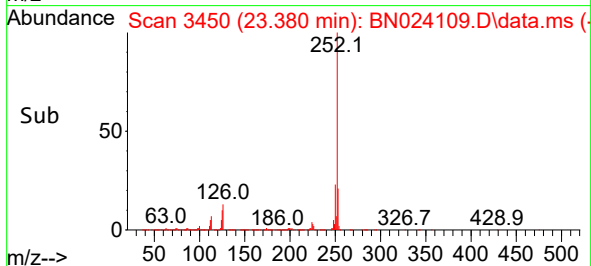
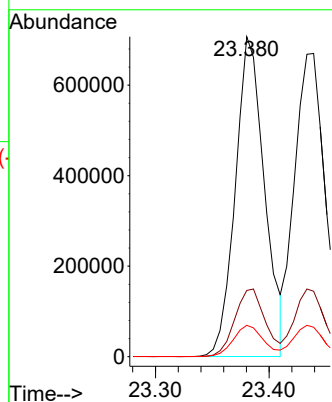
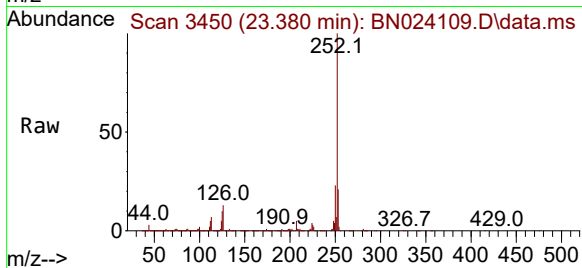
Tgt Ion:252 Resp: 1260602

Ion Ratio Lower Upper

252 100

253 20.7 16.8 25.2

125 9.8 7.9 11.9



#91

Benzo(k)fluoranthene

Concen: 18.119 ng/ul

RT: 23.439 min Scan# 3460

Delta R.T. 0.006 min

Lab File: BN024109.D

Acq: 27 Feb 2023 17:13

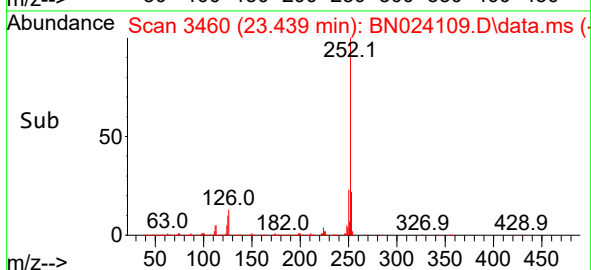
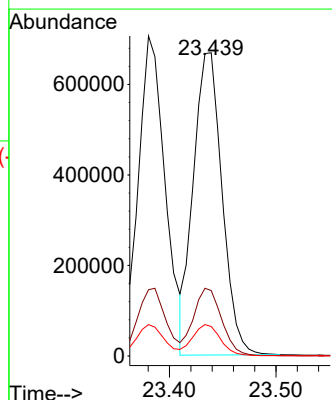
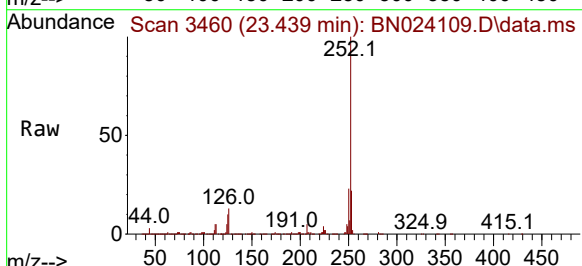
Tgt Ion:252 Resp: 1252461

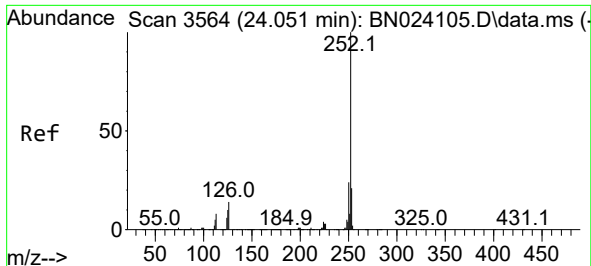
Ion Ratio Lower Upper

252 100

253 21.6 18.6 28.0

125 9.7 8.2 12.4

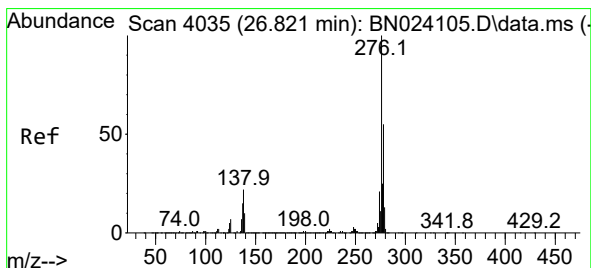
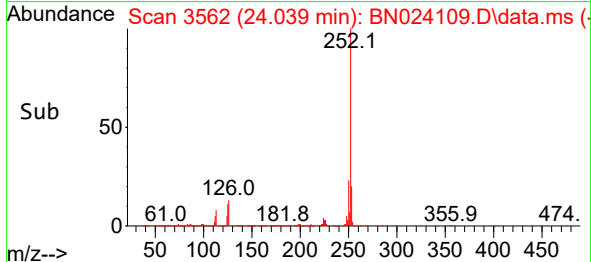
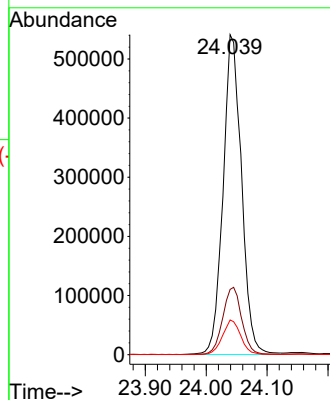
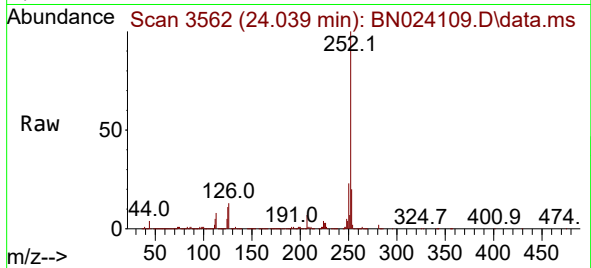




#93
Benzo(a)pyrene
Concen: 17.815 ng/ul
RT: 24.039 min Scan# 31
Delta R.T. -0.012 min
Lab File: BN024109.D
Acq: 27 Feb 2023 17:13

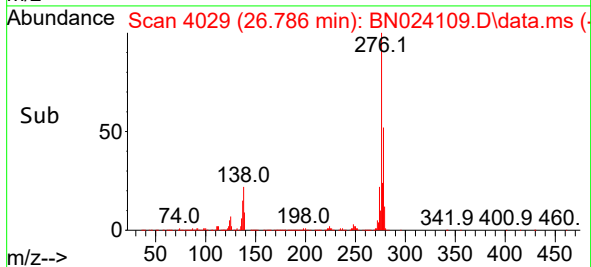
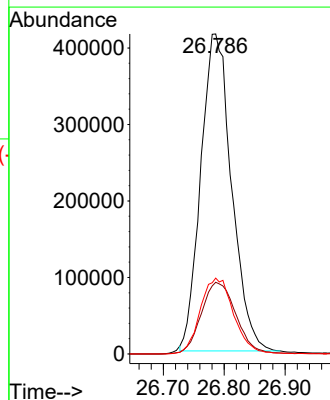
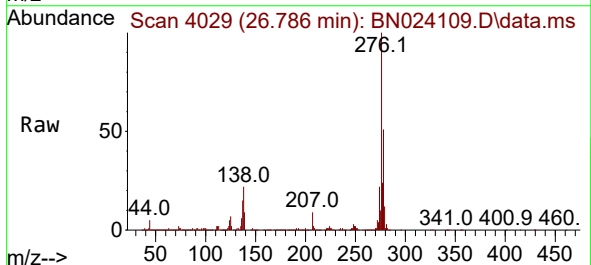
Instrument :
BNA_N
ClientSampleId :
SICV244

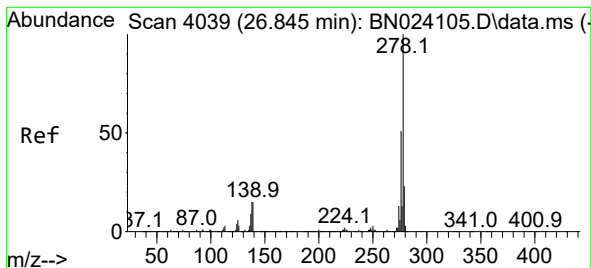
Tgt Ion:252 Resp: 1136286
Ion Ratio Lower Upper
252 100
253 20.4 17.1 25.7
125 10.9 8.5 12.7



#94
Indeno(1,2,3-cd)pyrene
Concen: 17.208 ng/ul
RT: 26.786 min Scan# 4029
Delta R.T. -0.035 min
Lab File: BN024109.D
Acq: 27 Feb 2023 17:13

Tgt Ion:276 Resp: 1455721
Ion Ratio Lower Upper
276 100
138 22.4 18.0 27.0
277 23.7 20.0 30.0





#95

Dibenzo(a,h)anthracene

Concen: 17.166 ng/ul

RT: 26.810 min Scan# 4039

Delta R.T. -0.035 min

Lab File: BN024109.D

Acq: 27 Feb 2023 17:13

Instrument :

BNA_N

ClientSampleId :

SICV244

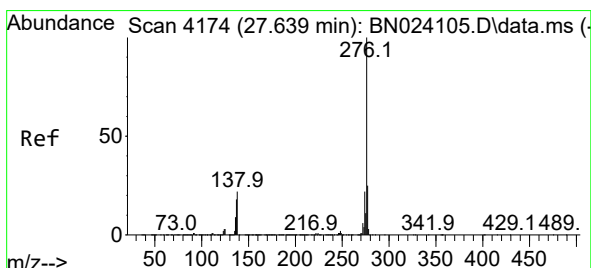
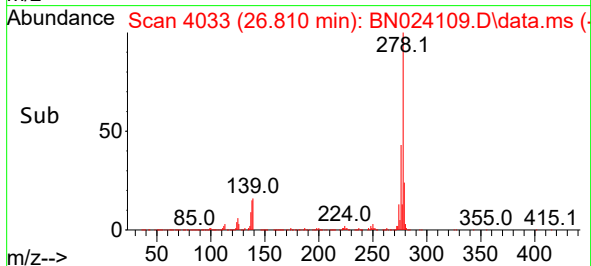
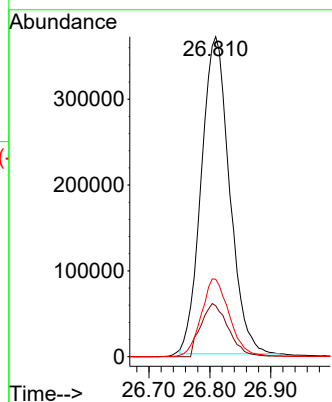
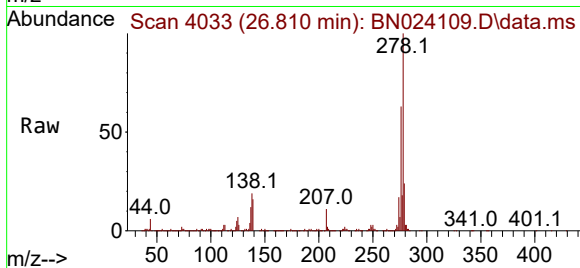
Tgt Ion:278 Resp: 1189851

Ion Ratio Lower Upper

278 100

139 16.0 12.2 18.4

279 24.2 18.2 27.4



#96

Benzo(g,h,i)perylene

Concen: 8.551 ng/ul

RT: 27.592 min Scan# 4166

Delta R.T. -0.047 min

Lab File: BN024109.D

Acq: 27 Feb 2023 17:13

Tgt Ion:276 Resp: 597156

Ion Ratio Lower Upper

276 100

138 21.4 17.9 26.9

277 22.0 20.2 30.4

