

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060622\
 Data File : BN020023.D
 Acq On : 06 Jun 2022 16:22
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV223

Quant Time: Jun 06 17:58:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 06 15:14:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	132540	20.000	ng/u1	0.00
20) Naphthalene-d8	10.616	136	603056	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	394677	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.192	188	839096	20.000	ng/u1	0.00
79) Chrysene-d12	21.386	240	813485	20.000	ng/u1	0.00
88) Perylene-d12	23.716	264	837319	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	19394	6.338	ng/uL	0.00
4) Pyridine-d5	3.687	84	139979	16.736	ng/u1	0.00
7) Phenol-d5	6.987	99	188440	17.182	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	133339	19.459	ng/u1	0.00
11) 2-Chlorophenol-d4	7.358	132	158798	17.820	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	165924	17.487	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	83461	18.191	ng/u1	0.00
24) 2-Nitrophenol-d4	9.693	143	88298	18.135	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	155674	18.314	ng/u1	0.00
31) 4-Chloroaniline-d4	10.746	131	245699	17.850	ng/u1	0.00
46) Dimethylphthalate-d6	13.863	166	538479	18.751	ng/u1	0.00
49) Acenaphthylene-d8	14.145	160	626669	18.817	ng/u1	0.00
54) 4-Nitrophenol-d4	14.645	143	103706	18.022	ng/u1	0.00
60) Fluorene-d10	15.445	176	435753	18.337	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	87593	18.021	ng/u1	0.00
73) Anthracene-d10	17.292	188	671400	18.334	ng/u1	0.00
81) Pyrene-d10	19.586	212	777671	17.634	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.563	264	741469	18.099	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	20936	6.481	ng/uL#	91
5) Pyridine	3.711	79	131326	14.977	ng/u1	94
6) Benzaldehyde	6.963	77	129650	25.089	ng/u1	90
8) Phenol	7.016	94	188944	16.179	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.246	93	152307	16.663	ng/u1	100
12) 2-Chlorophenol	7.387	128	156995	16.855	ng/u1	99
13) 2-Methylphenol	8.263	108	148074	16.493	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.358	45	240633	16.789	ng/u1	99
16) Acetophenone	8.640	105	256723	17.791	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.628	70	127493	17.296	ng/u1	94
18) 4-Methylphenol	8.587	108	165619	16.714	ng/u1	97
19) Hexachloroethane	8.905	117	62139	16.579	ng/u1	91
22) Nitrobenzene	9.016	77	183498	17.250	ng/u1	96
23) Isophorone	9.540	82	361406	17.207	ng/u1	99
25) 2-Nitrophenol	9.728	139	92999	17.285	ng/u1	98
26) 2,4-Dimethylphenol	9.793	107	192259	17.248	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.028	93	214924	16.721	ng/u1	99
29) 2,4-Dichlorophenol	10.263	162	153215	17.426	ng/u1	99
30) Naphthalene	10.663	128	532431	17.035	ng/u1	99
32) 4-Chloroaniline	10.769	127	234697	17.046	ng/u1	100
33) Hexachlorobutadiene	10.957	225	85844	17.005	ng/u1	97
34) Caprolactam	11.516	113	55398	16.134	ng/u1	96
35) 4-Chloro-3-methylphenol	11.899	107	182007	17.531	ng/u1	99
36) 2-Methylnaphthalene	12.275	142	374724	17.734	ng/u1	100

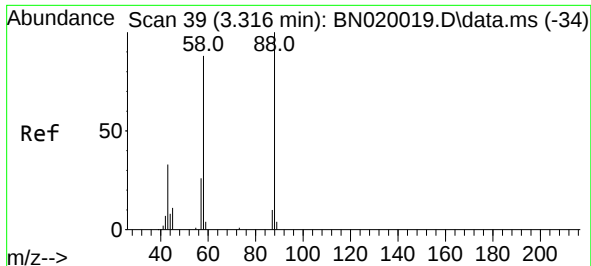
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.493	142	362952	16.833	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.646	216	174327	17.318	ng/ul	98
40) Hexachlorocyclopentadiene	12.634	237	101501	16.576	ng/ul	96
41) 2,4,6-Trichlorophenol	12.887	196	120273	17.328	ng/ul	93
42) 2,4,5-Trichlorophenol	12.957	196	128920	16.771	ng/ul	97
43) 1,1'-Biphenyl	13.287	154	505666	17.303	ng/ul	98
44) 2-Chloronaphthalene	13.328	162	378140	17.056	ng/ul	97
45) 2-Nitroaniline	13.522	65	122223	17.720	ng/ul	99
47) Dimethylphthalate	13.910	163	498316	17.237	ng/ul	99
48) 2,6-Dinitrotoluene	14.028	165	108496	19.195	ng/ul	91
50) Acenaphthylene	14.175	152	638732	17.323	ng/ul	99
51) 3-Nitroaniline	14.351	138	121602	20.350	ng/ul	97
52) Acenaphthene	14.516	153	415933	17.270	ng/ul	98
53) 2,4-Dinitrophenol	14.557	184	56658	15.656	ng/ul	98
55) 4-Nitrophenol	14.657	109	86512	17.612	ng/ul	97
56) Dibenzofuran	14.851	168	584368	17.222	ng/ul	98
57) 2,4-Dinitrotoluene	14.810	165	151781	18.136	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.998	232	112116	18.580	ng/ul	98
59) Diethylphthalate	15.275	149	514580	17.289	ng/ul	98
61) Fluorene	15.498	166	469114	17.767	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.492	204	215177	17.696	ng/ul	93
63) 4-Nitroaniline	15.510	138	125442	22.465	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.575	198	84990	17.247	ng/ul	94
67) N-Nitrosodiphenylamine	15.704	169	421435	17.519	ng/ul	99
68) 4-Bromophenyl-phenylether	16.387	248	129111	17.669	ng/ul	88
69) Hexachlorobenzene	16.504	284	143575	17.093	ng/ul#	90
70) Atrazine	16.657	200	139153	16.579	ng/ul	97
71) Pentachlorophenol	16.845	266	84853	16.219	ng/ul	96
72) Phenanthrene	17.234	178	768062	17.345	ng/ul	100
74) Anthracene	17.328	178	774260	17.389	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.251	216	177923	15.835	ng/uL	99
76) Pentachlorobenzene	14.775	250	174804	17.602	ng/uL	96
77) Carbazole	17.592	167	737114	18.197	ng/ul	98
78) Di-n-butylphthalate	18.163	149	877720	17.474	ng/ul	99
80) Fluoranthene	19.251	202	851316	15.983	ng/ul	97
82) Pyrene	19.616	202	906614	16.591	ng/ul	96
83) Butylbenzylphthalate	20.522	149	406477	16.529	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.304	252	304767	19.615	ng/ul	99
85) Benzo(a)anthracene	21.369	228	894158	17.407	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.310	149	607752	17.515	ng/ul	99
87) Chrysene	21.422	228	821708	16.351	ng/ul	99
89) Di-n-octyl phthalate	22.210	149	1034785	15.184	ng/ul	100
90) Benzo(b)fluoranthene	23.057	252	873503	16.622	ng/ul	96
91) Benzo(k)fluoranthene	23.057	252	873503	17.461	ng/ul	98
93) Benzo(a)pyrene	23.616	252	828219	16.282	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.110	276	916819	17.518	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.121	278	797370	17.837	ng/ul	97
96) Benzo(g,h,i)perylene	26.839	276	795604	18.001	ng/ul	95

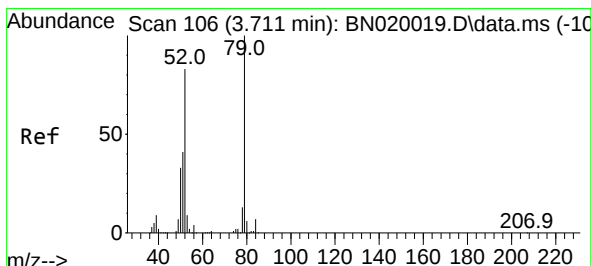
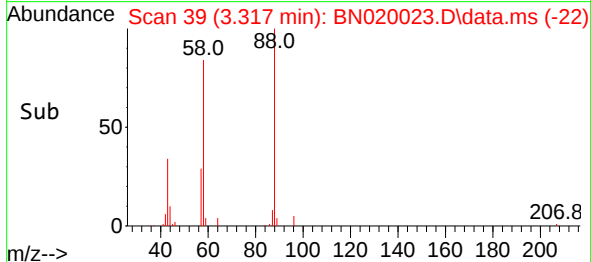
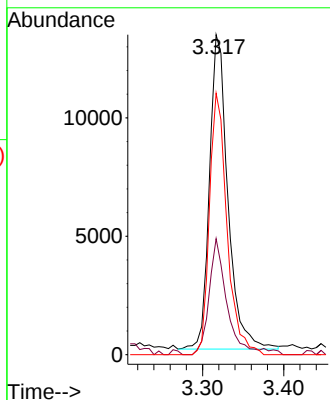
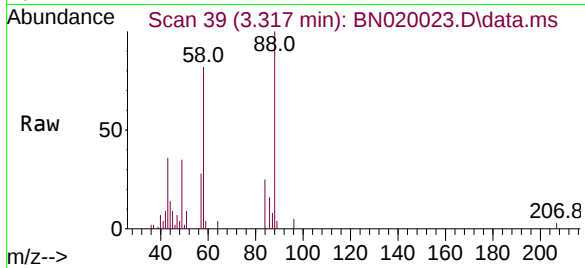
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#2
1,4-Dioxane
Concen: 6.481 ng/uL
RT: 3.317 min Scan# 39
Delta R.T. 0.001 min
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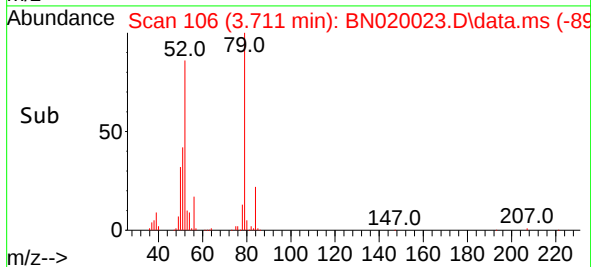
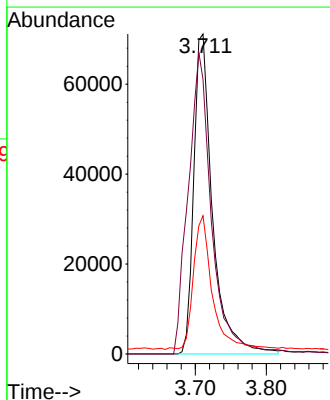
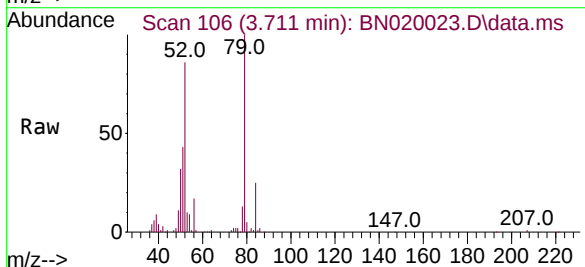
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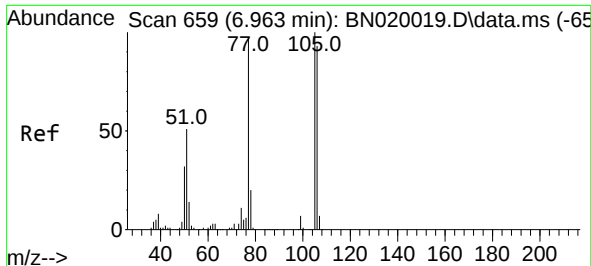
Tgt Ion: 88 Resp: 20936
Ion Ratio Lower Upper
88 100
43 36.3 22.4 33.6#
58 81.7 61.0 91.4



#5
Pyridine
Concen: 14.977 ng/uL
RT: 3.711 min Scan# 106
Delta R.T. 0.000 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

Tgt Ion: 79 Resp: 131326
Ion Ratio Lower Upper
79 100
52 85.9 65.0 97.4
51 43.2 31.6 47.4

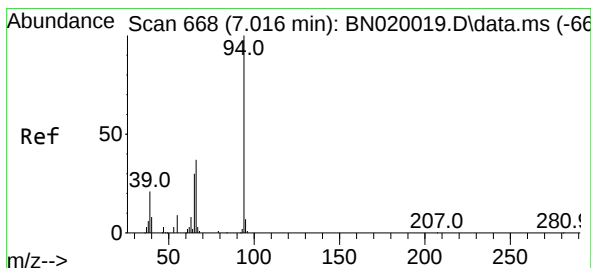
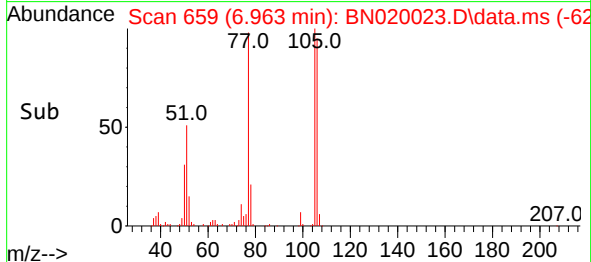
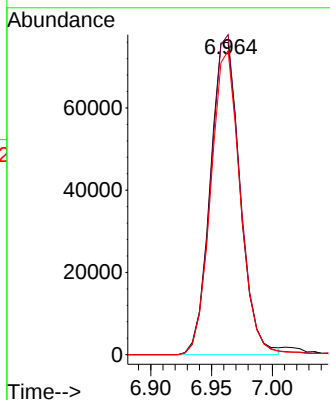
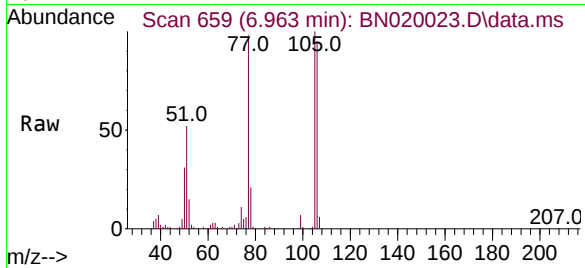




#6
Benzaldehyde
Concen: 25.089 ng/ul
RT: 6.963 min Scan# 659
Delta R.T. 0.000 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

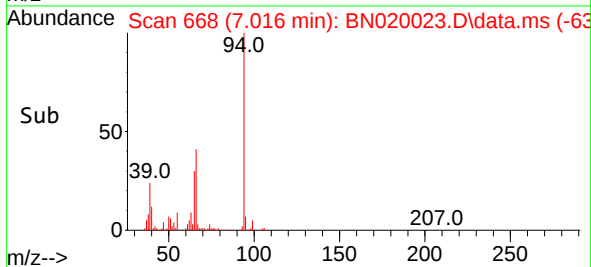
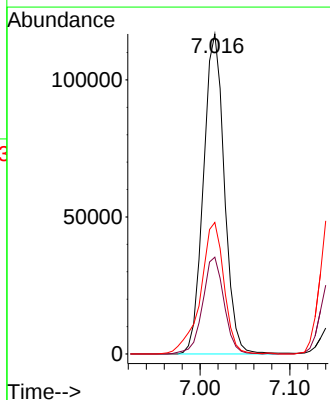
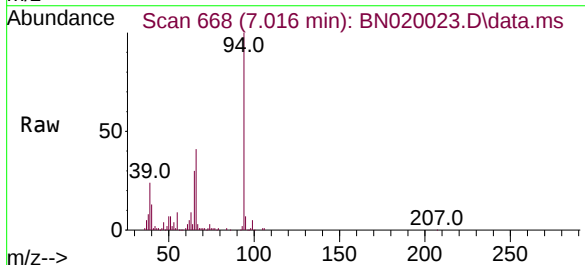
Instrument :
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ClientSampleId :
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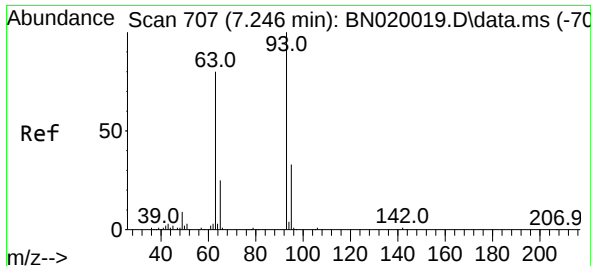
Tgt Ion: 77 Resp: 129650
Ion Ratio Lower Upper
77 100
105 102.4 74.7 112.1
106 97.3 70.2 105.4



#8
Phenol
Concen: 16.179 ng/ul
RT: 7.016 min Scan# 668
Delta R.T. 0.000 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

Tgt Ion: 94 Resp: 188944
Ion Ratio Lower Upper
94 100
65 30.2 23.6 35.4
66 41.1 31.2 46.8

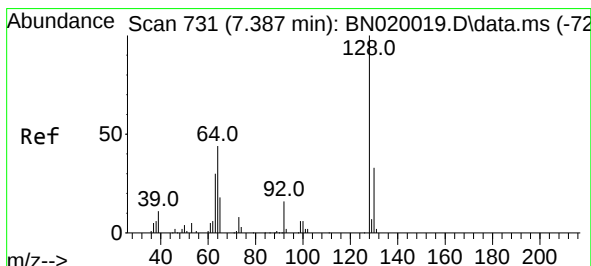
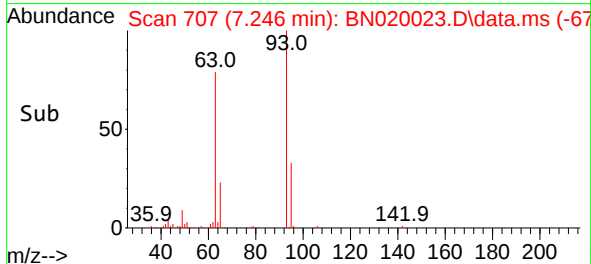
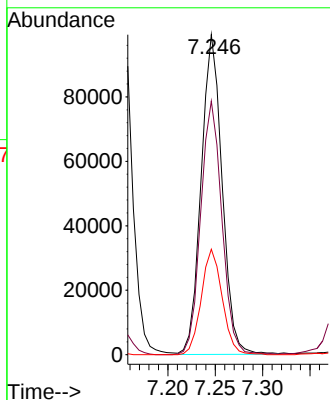
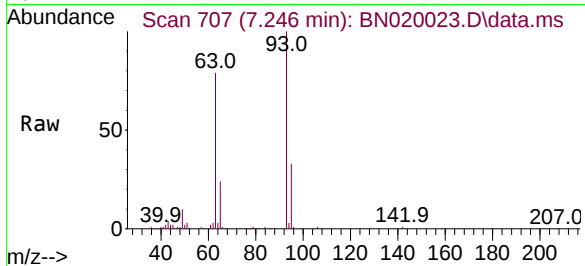




#10
Bis(2-Chloroethyl)ether
Concen: 16.663 ng/ul
RT: 7.246 min Scan# 707
Delta R.T. 0.000 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

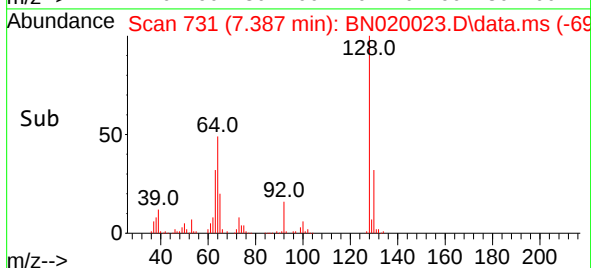
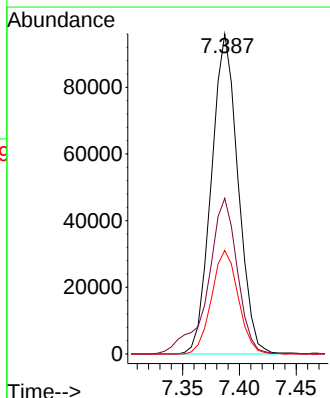
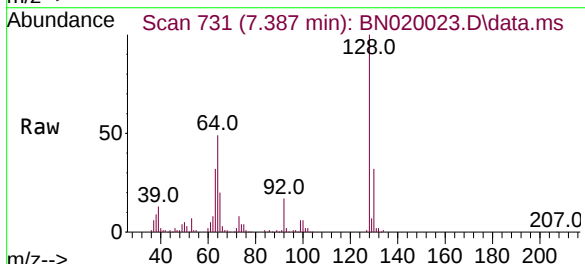
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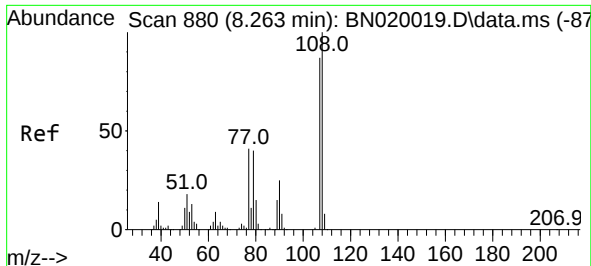
Tgt Ion: 93 Resp: 152307
Ion Ratio Lower Upper
93 100
63 79.2 63.4 95.0
95 33.0 26.2 39.2



#12
2-Chlorophenol
Concen: 16.855 ng/ul
RT: 7.387 min Scan# 731
Delta R.T. 0.000 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

Tgt Ion:128 Resp: 156995
Ion Ratio Lower Upper
128 100
64 48.6 38.6 57.8
130 32.3 25.0 37.4





#13

2-Methylphenol

Concen: 16.493 ng/ul

RT: 8.263 min Scan# 880

Delta R.T. 0.000 min

Lab File: BN020023.D

Acq: 06 Jun 2022 16:22

Instrument :

BNA_N

ClientSampleId :

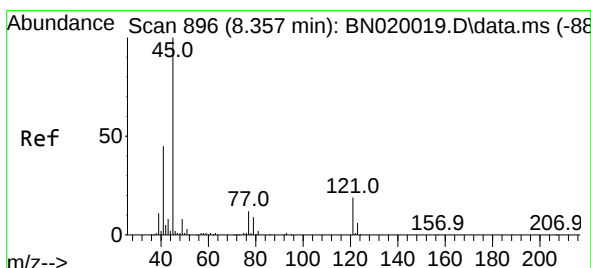
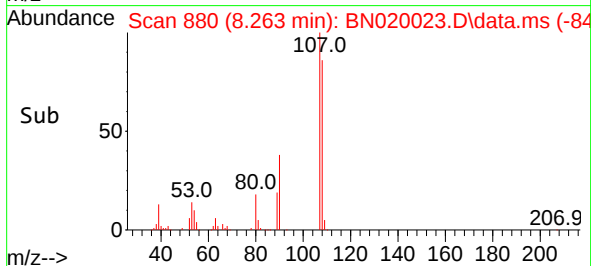
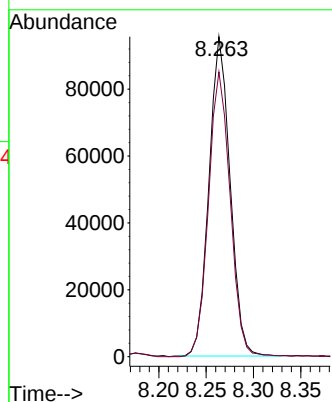
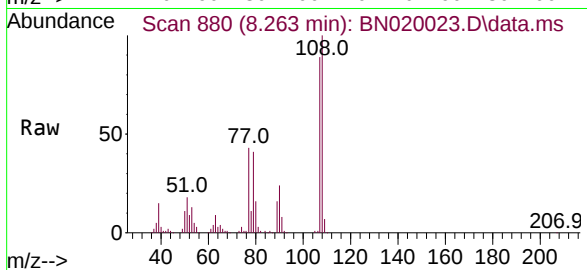
SICV223

Tgt Ion:108 Resp: 148074

Ion Ratio Lower Upper

108 100

107 89.0 71.5 107.3



#14

2,2'-oxybis(1-Chloropropane)

Concen: 16.789 ng/ul

RT: 8.358 min Scan# 896

Delta R.T. 0.000 min

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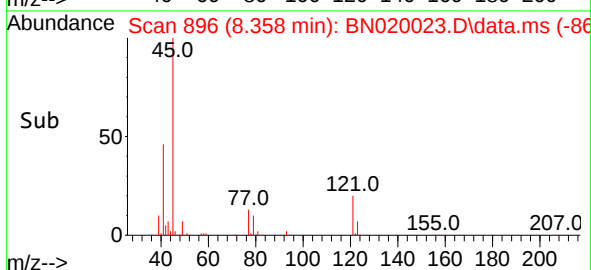
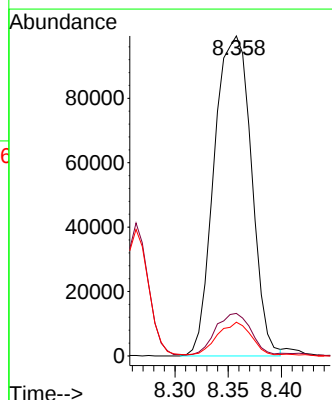
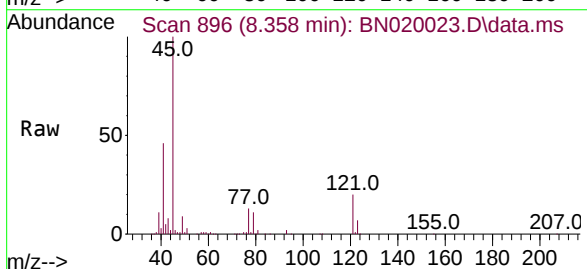
Tgt Ion: 45 Resp: 240633

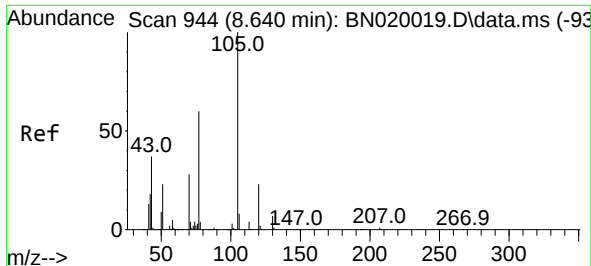
Ion Ratio Lower Upper

45 100

77 13.3 10.9 16.3

79 10.6 8.6 13.0

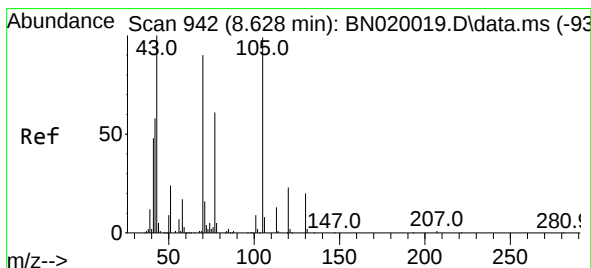
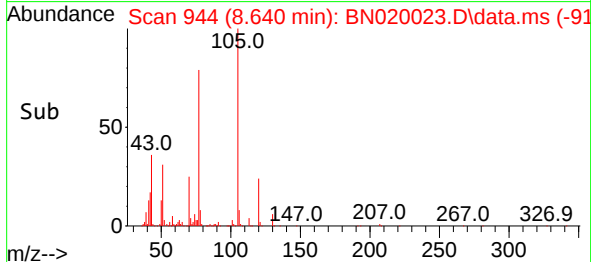
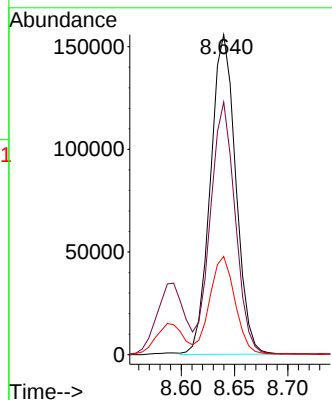
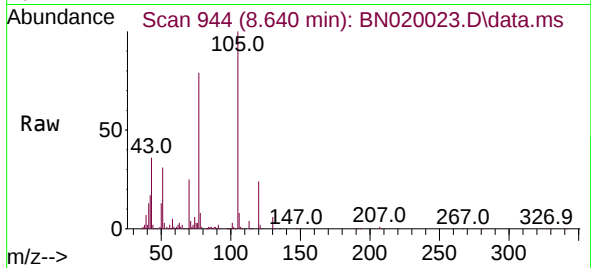




#16
Acetophenone
Concen: 17.791 ng/ul
RT: 8.640 min Scan# 944
Delta R.T. 0.000 min
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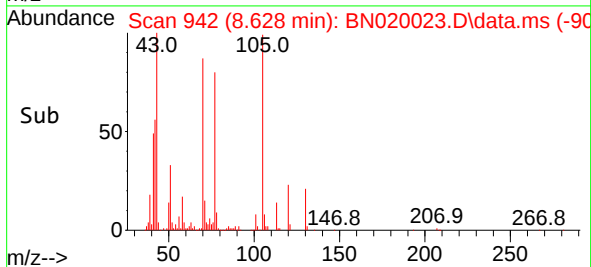
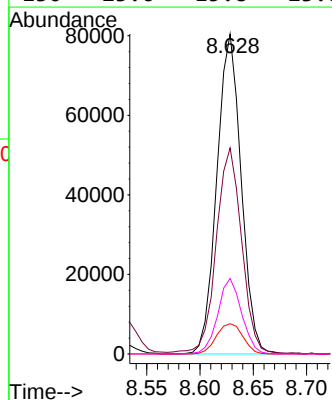
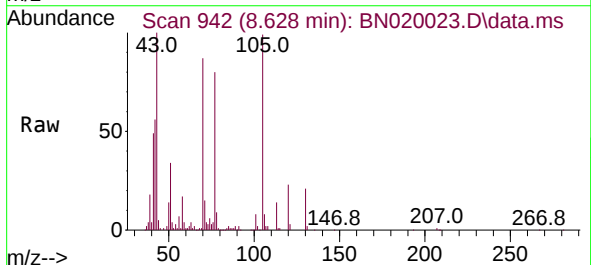
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ClientSampleId :
SICV223

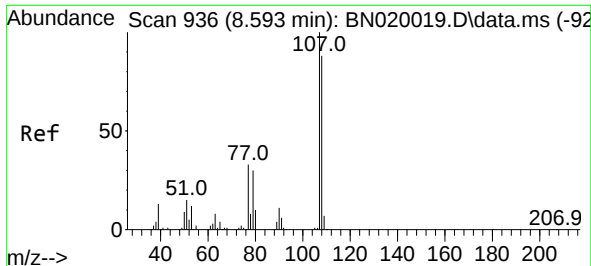
Tgt Ion:105 Resp: 256723
Ion Ratio Lower Upper
105 100
77 78.9 63.5 95.3
51 30.7 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 17.296 ng/ul
RT: 8.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

Tgt Ion: 70 Resp: 127493
Ion Ratio Lower Upper
70 100
42 64.4 47.8 71.6
101 9.5 7.8 11.6
130 23.6 15.8 23.8

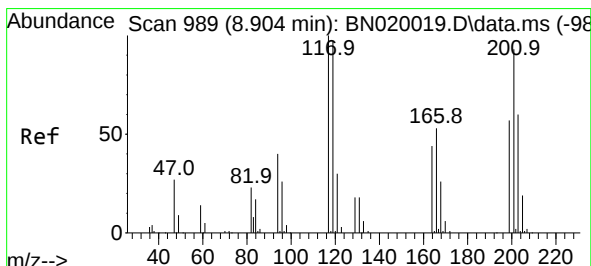
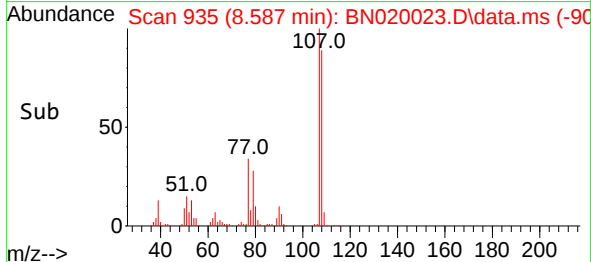
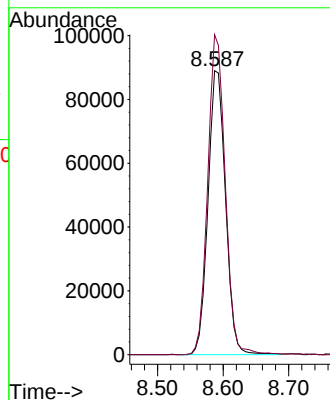
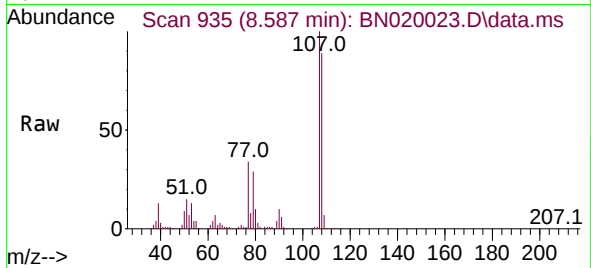




#18
4-Methylphenol
Concen: 16.714 ng/ul
RT: 8.587 min Scan# 911
Delta R.T. -0.006 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

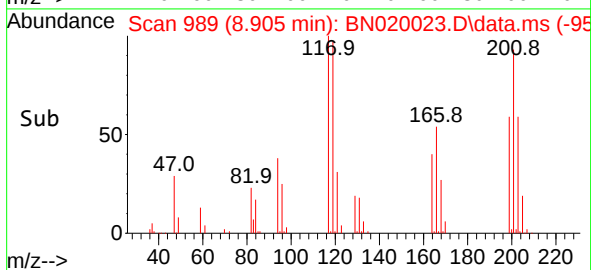
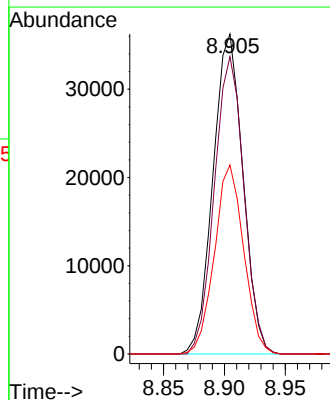
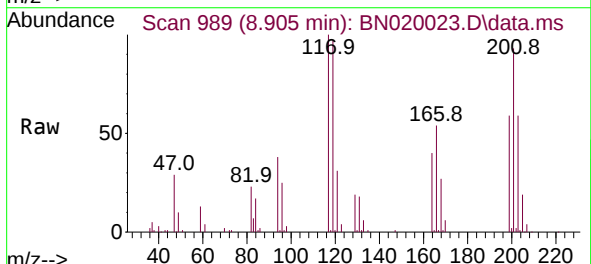
Instrument :
BNA_N
ClientSampleId :
SICV223

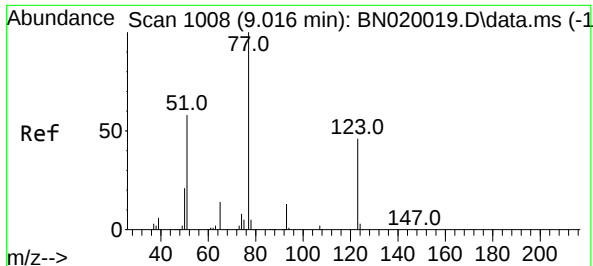
Tgt Ion:108 Resp: 165619
Ion Ratio Lower Upper
108 100
107 112.7 88.0 132.0



#19
Hexachloroethane
Concen: 16.579 ng/ul
RT: 8.905 min Scan# 989
Delta R.T. 0.000 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

Tgt Ion:117 Resp: 62139
Ion Ratio Lower Upper
117 100
201 92.9 83.2 124.8
199 59.1 50.2 75.4

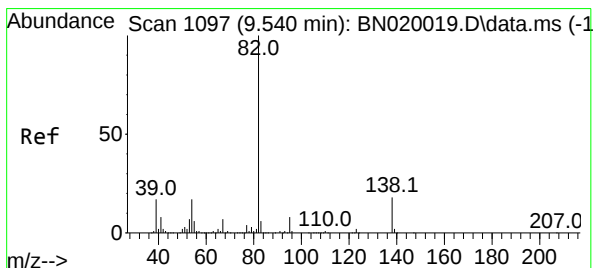
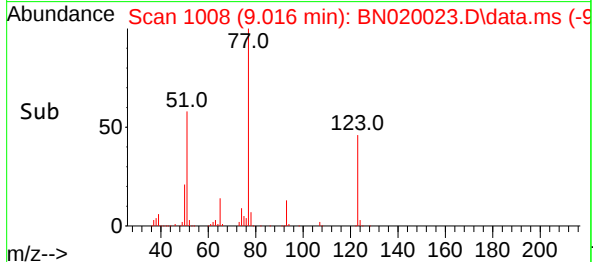
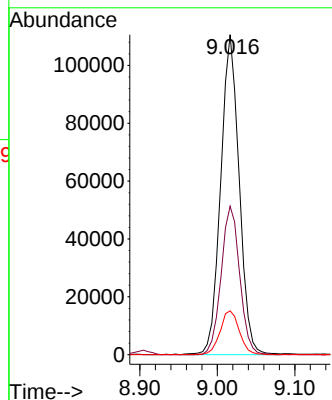
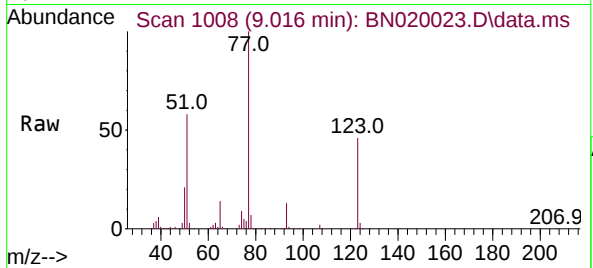




#22
Nitrobenzene
Concen: 17.250 ng/ul
RT: 9.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

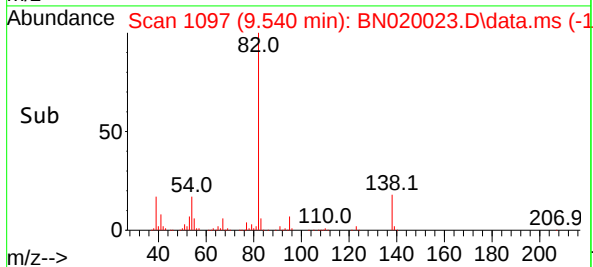
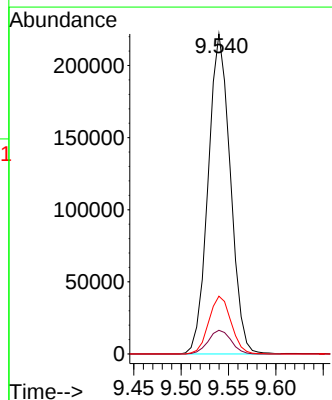
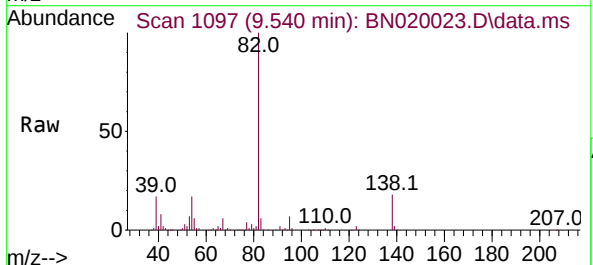
Instrument :
BNA_N
ClientSampleId :
SICV223

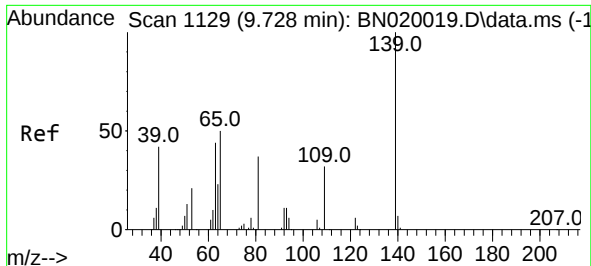
Tgt Ion: 77 Resp: 183498
Ion Ratio Lower Upper
77 100
123 46.4 34.5 51.7
65 13.7 11.1 16.7



#23
Isophorone
Concen: 17.207 ng/ul
RT: 9.540 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

Tgt Ion: 82 Resp: 361406
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 18.1 13.8 20.8





#25

2-Nitrophenol

Concen: 17.285 ng/ul

RT: 9.728 min Scan# 1129

Delta R.T. 0.000 min

Lab File: BN020023.D

Acq: 06 Jun 2022 16:22

Instrument :

BNA_N

ClientSampleId :

SICV223

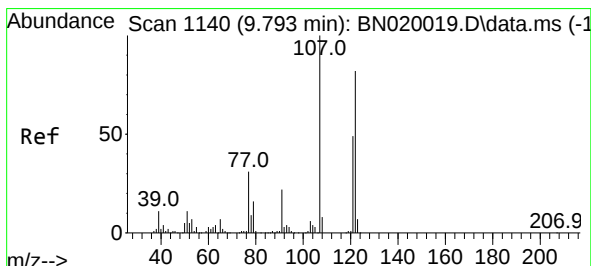
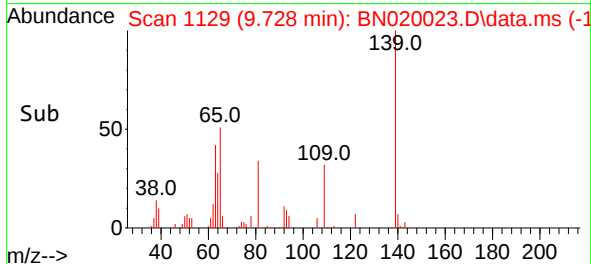
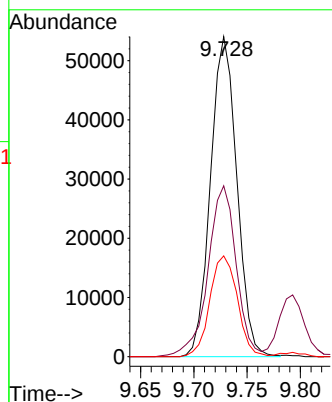
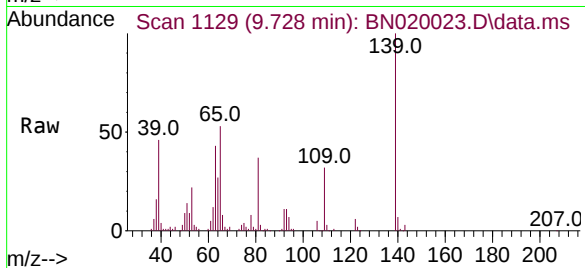
Tgt Ion:139 Resp: 92999

Ion Ratio Lower Upper

139 100

65 53.4 43.7 65.5

109 31.5 25.8 38.6



#26

2,4-Dimethylphenol

Concen: 17.248 ng/ul

RT: 9.793 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BN020023.D

Acq: 06 Jun 2022 16:22

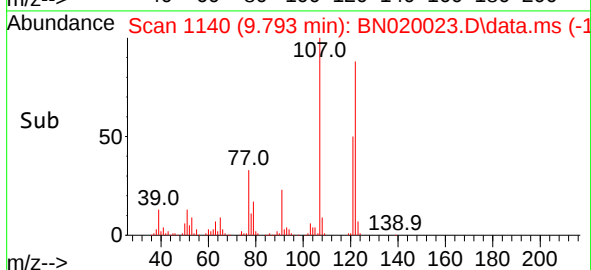
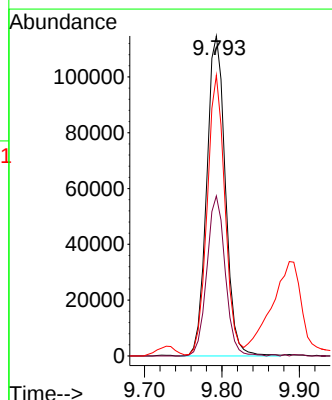
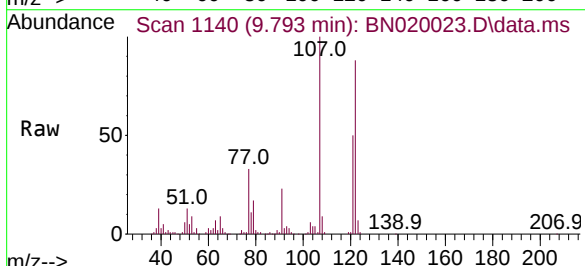
Tgt Ion:107 Resp: 192259

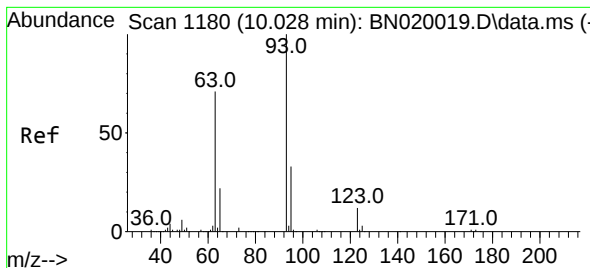
Ion Ratio Lower Upper

107 100

121 50.0 38.3 57.5

122 87.7 66.3 99.5





#27

Bis(2-Chloroethoxy)methane

Concen: 16.721 ng/ul

RT: 10.028 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BN020023.D

Acq: 06 Jun 2022 16:22

Instrument :

BNA_N

ClientSampleId :

SICV223

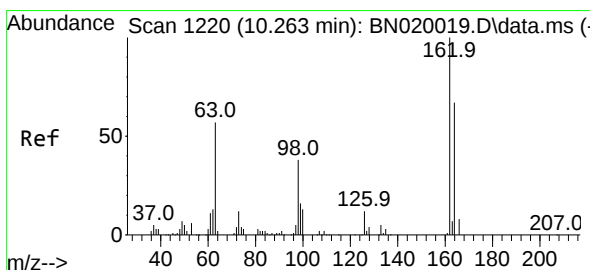
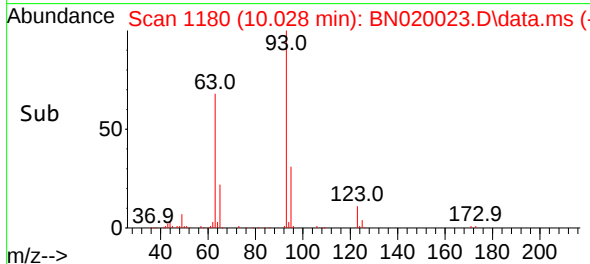
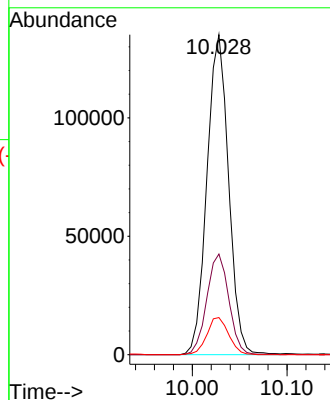
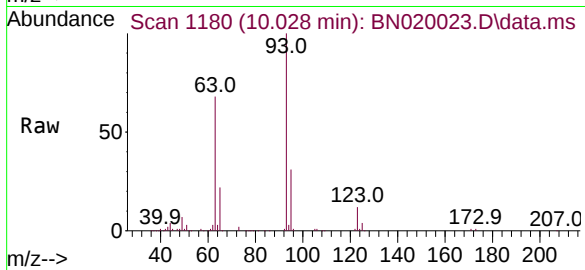
Tgt Ion: 93 Resp: 214924

Ion Ratio Lower Upper

93 100

95 31.4 25.4 38.0

123 11.6 8.3 12.5



#29

2,4-Dichlorophenol

Concen: 17.426 ng/ul

RT: 10.263 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BN020023.D

Acq: 06 Jun 2022 16:22

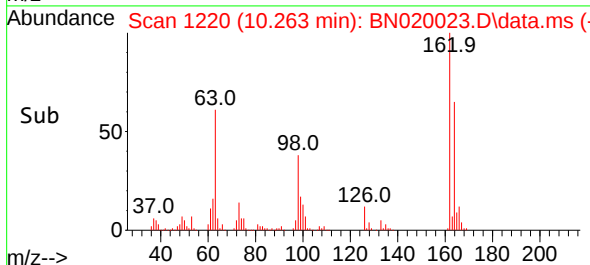
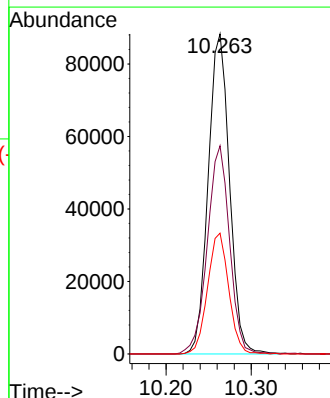
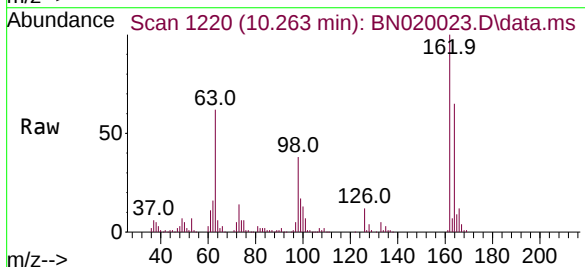
Tgt Ion: 162 Resp: 153215

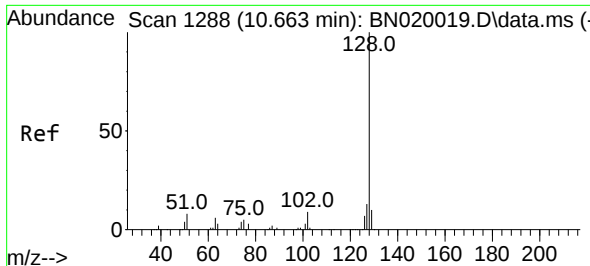
Ion Ratio Lower Upper

162 100

164 65.0 52.9 79.3

98 37.8 29.8 44.8

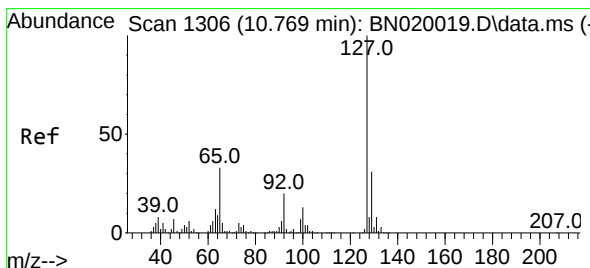
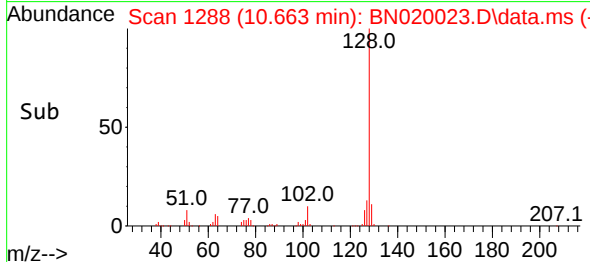
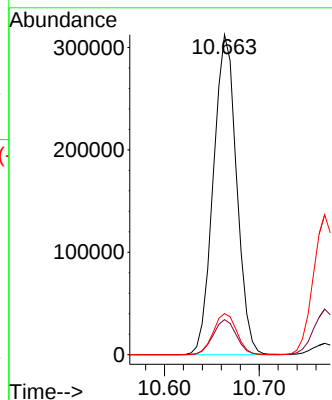
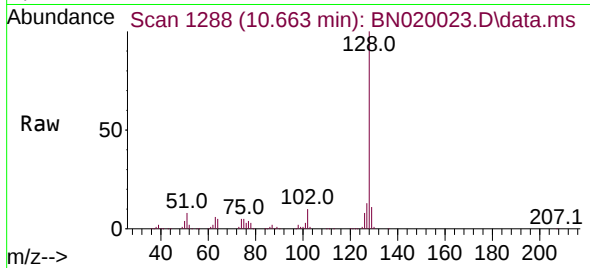




#30
Naphthalene
Concen: 17.035 ng/ul
RT: 10.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

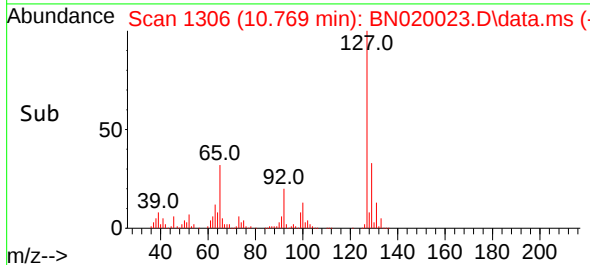
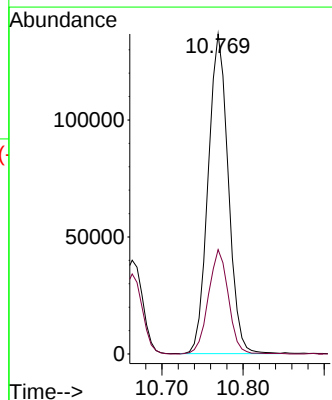
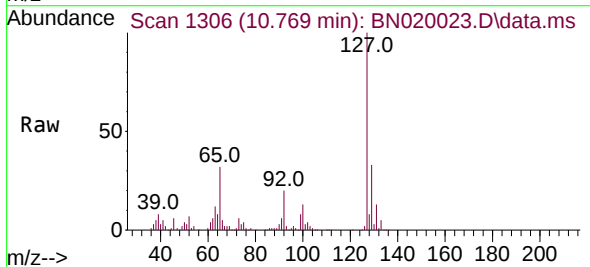
Instrument :
BNA_N
ClientSampleId :
SICV223

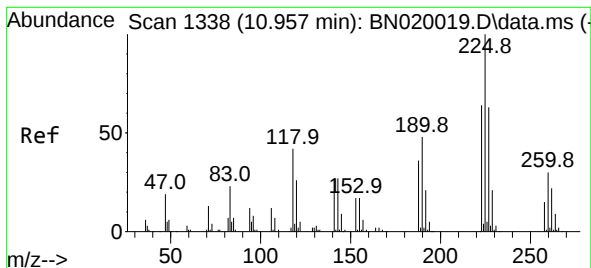
Tgt Ion:128 Resp: 532431
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.8 10.6 16.0



#32
4-Chloroaniline
Concen: 17.046 ng/ul
RT: 10.769 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

Tgt Ion:127 Resp: 234697
Ion Ratio Lower Upper
127 100
129 32.6 26.1 39.1





#33

Hexachlorobutadiene

Concen: 17.005 ng/ul

RT: 10.957 min Scan# 1338

Delta R.T. 0.000 min

Lab File: BN020023.D

Acq: 06 Jun 2022 16:22

Instrument :

BNA_N

ClientSampleId :

SICV223

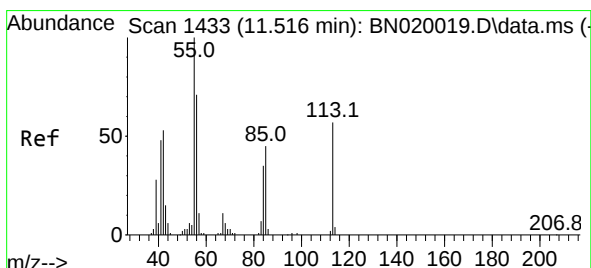
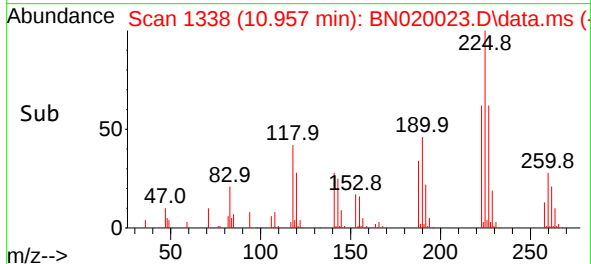
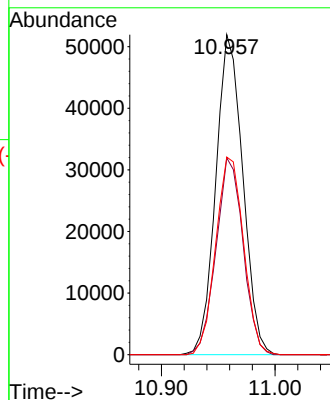
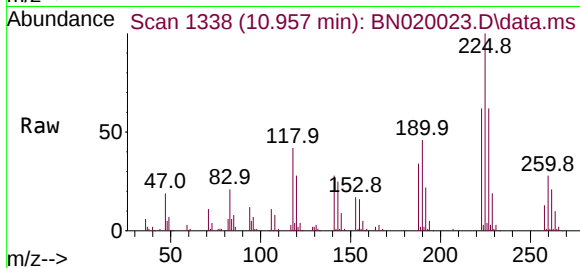
Tgt Ion:225 Resp: 85844

Ion Ratio Lower Upper

225 100

223 61.5 51.8 77.6

227 61.8 50.6 76.0



#34

Caprolactam

Concen: 16.134 ng/ul

RT: 11.516 min Scan# 1433

Delta R.T. 0.000 min

Lab File: BN020023.D

Acq: 06 Jun 2022 16:22

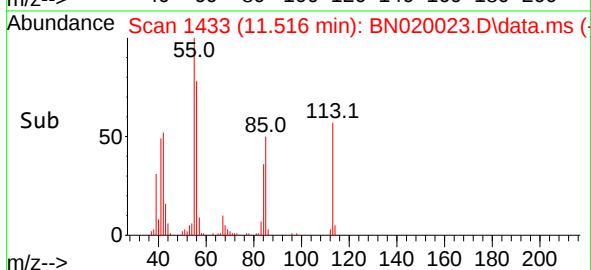
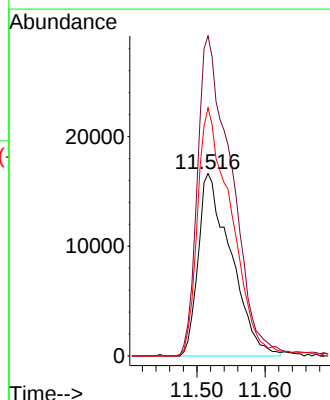
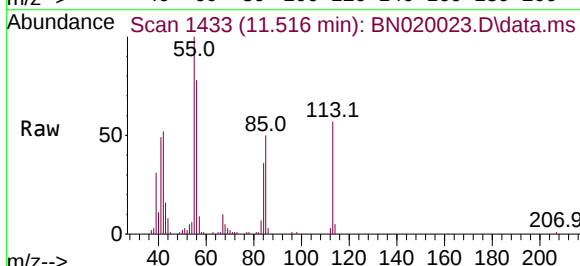
Tgt Ion:113 Resp: 55398

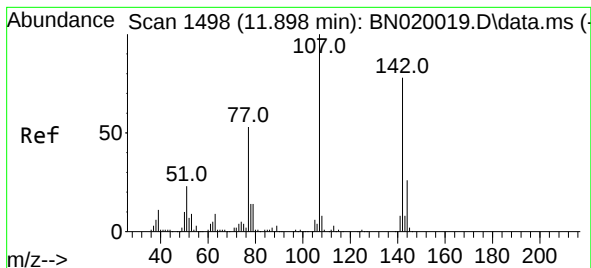
Ion Ratio Lower Upper

113 100

55 175.4 145.5 218.3

56 135.9 106.5 159.7

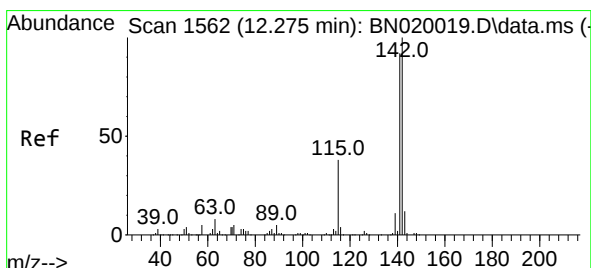
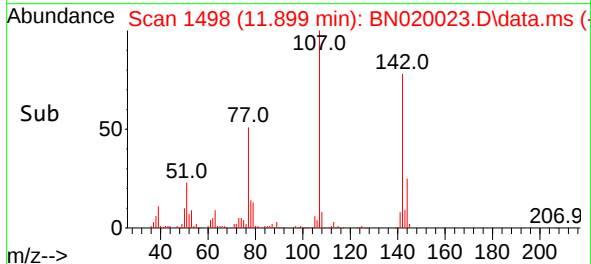
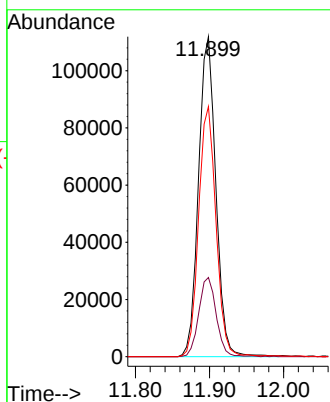
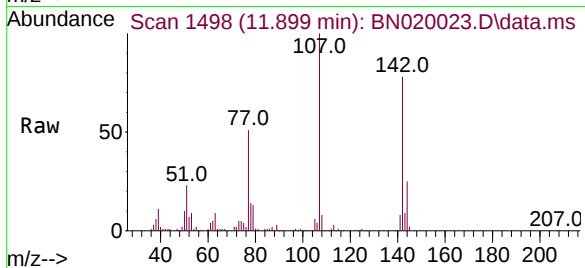




#35
4-Chloro-3-methylphenol
Concen: 17.531 ng/ul
RT: 11.899 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

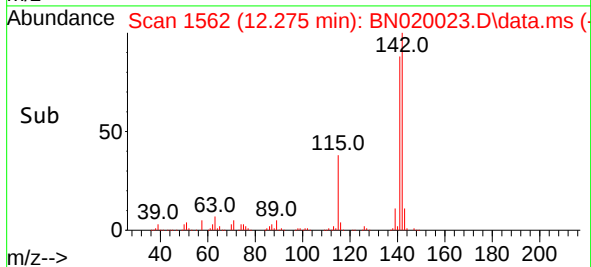
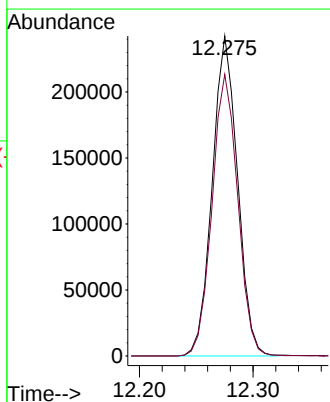
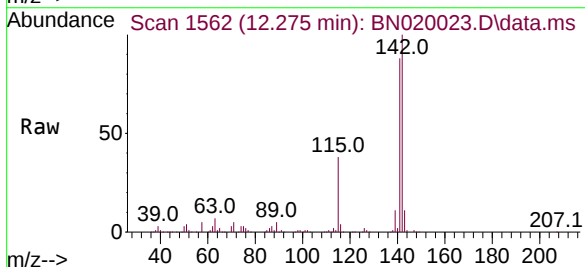
Instrument :
BNA_N
ClientSampleId :
SICV223

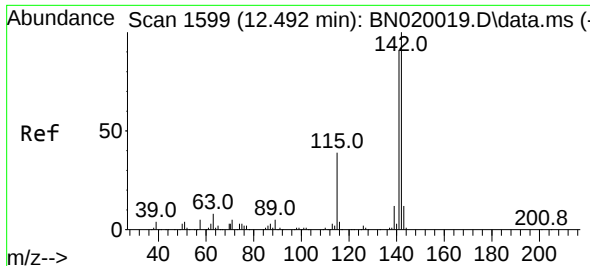
Tgt Ion:107 Resp: 182007
Ion Ratio Lower Upper
107 100
144 24.7 20.6 31.0
142 78.1 62.2 93.4



#36
2-Methylnaphthalene
Concen: 17.734 ng/ul
RT: 12.275 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

Tgt Ion:142 Resp: 374724
Ion Ratio Lower Upper
142 100
141 88.0 70.6 105.8

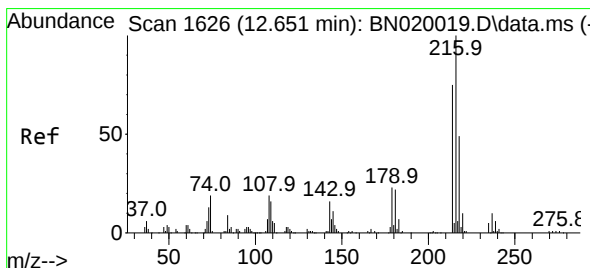
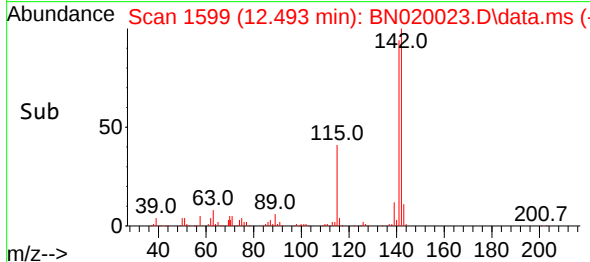
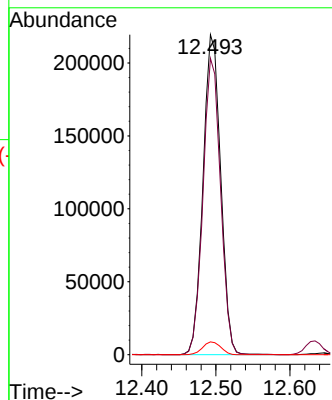
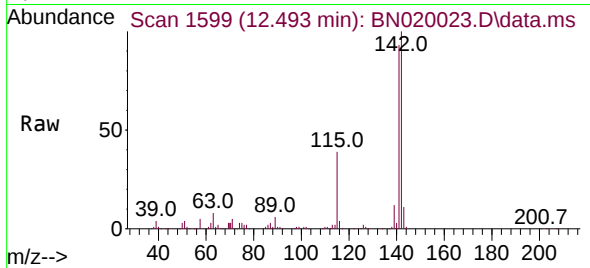




#37
1-Methylnaphthalene
Concen: 16.833 ng/ul
RT: 12.493 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

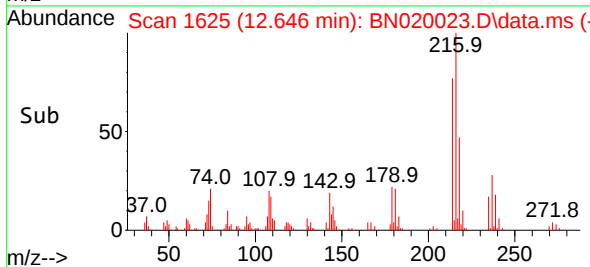
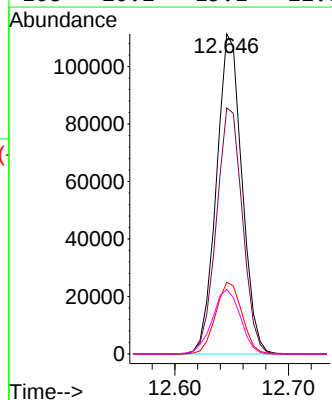
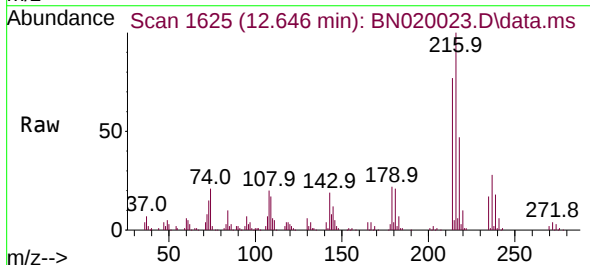
Instrument :
BNA_N
ClientSampleId :
SICV223

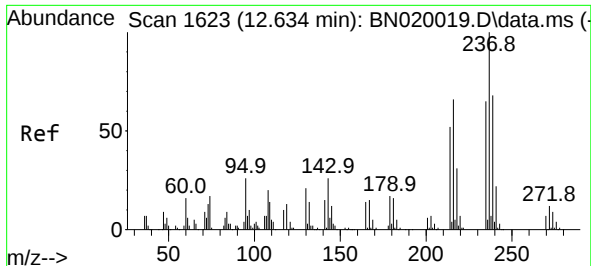
Tgt Ion:142 Resp: 362952
Ion Ratio Lower Upper
142 100
141 92.6 70.9 106.3
116 4.0 3.1 4.7



#39
1,2,4,5-Tetrachlorobenzene
Concen: 17.318 ng/ul
RT: 12.646 min Scan# 1625
Delta R.T. -0.006 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

Tgt Ion:216 Resp: 174327
Ion Ratio Lower Upper
216 100
214 76.9 63.4 95.0
179 22.4 17.8 26.8
108 20.2 15.1 22.7

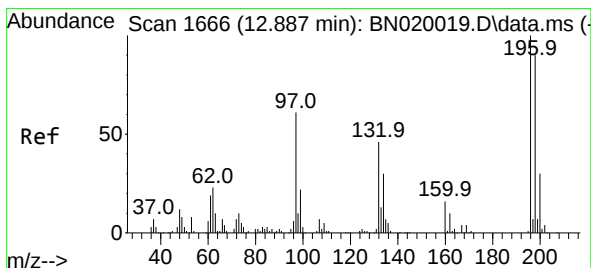
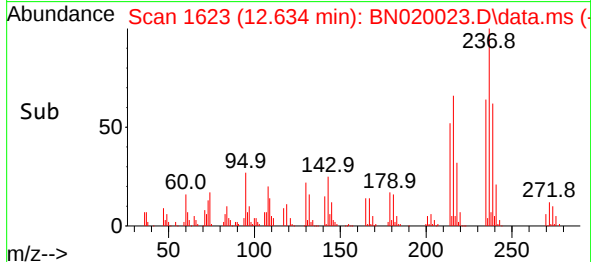
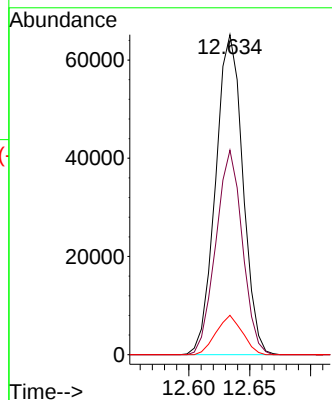
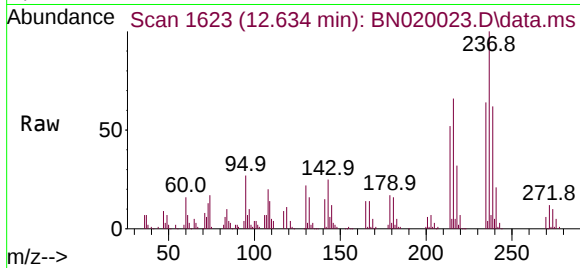




#40
Hexachlorocyclopentadiene
Concen: 16.576 ng/ul
RT: 12.634 min Scan# 1623
Delta R.T. 0.000 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

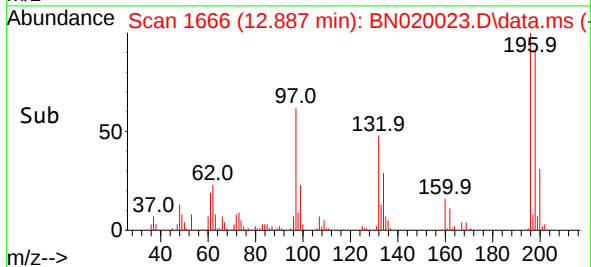
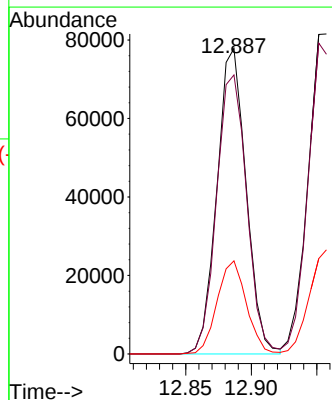
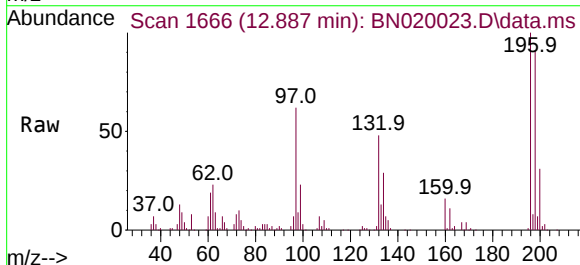
Instrument :
BNA_N
ClientSampleId :
SICV223

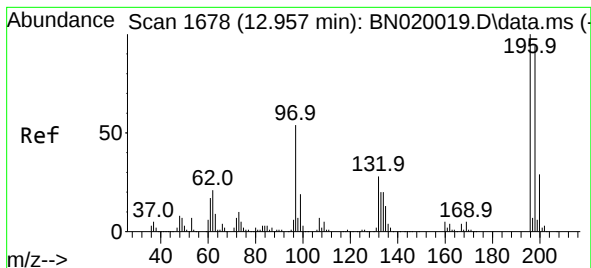
Tgt Ion:237 Resp: 101501
Ion Ratio Lower Upper
237 100
235 63.9 48.8 73.2
272 12.9 9.3 13.9



#41
2,4,6-Trichlorophenol
Concen: 17.328 ng/ul
RT: 12.887 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

Tgt Ion:196 Resp: 120273
Ion Ratio Lower Upper
196 100
198 91.4 79.8 119.8
200 30.5 25.0 37.6





#42

2,4,5-Trichlorophenol

Concen: 16.771 ng/ul

RT: 12.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN020023.D

Acq: 06 Jun 2022 16:22

Instrument :

BNA_N

ClientSampleId :

SICV223

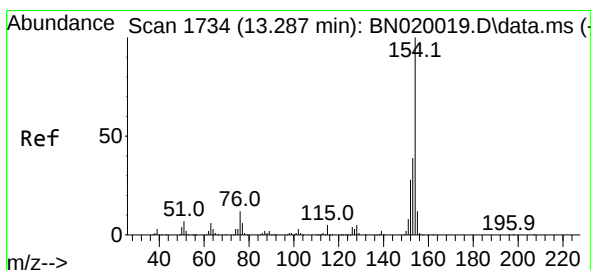
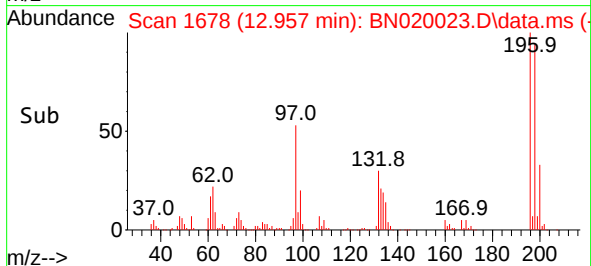
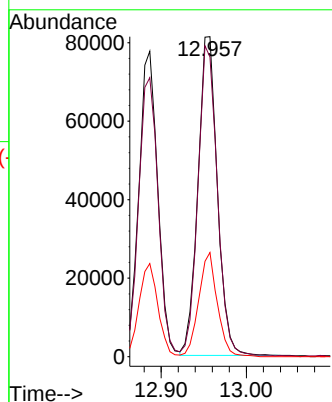
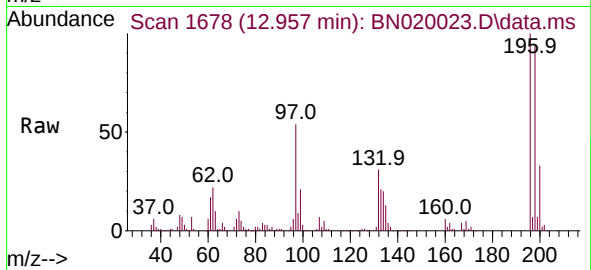
Tgt Ion:196 Resp: 128920

Ion Ratio Lower Upper

196 100

198 93.7 77.6 116.4

200 32.5 24.4 36.6



#43

1,1'-Biphenyl

Concen: 17.303 ng/ul

RT: 13.287 min Scan# 1734

Delta R.T. 0.000 min

Lab File: BN020023.D

Acq: 06 Jun 2022 16:22

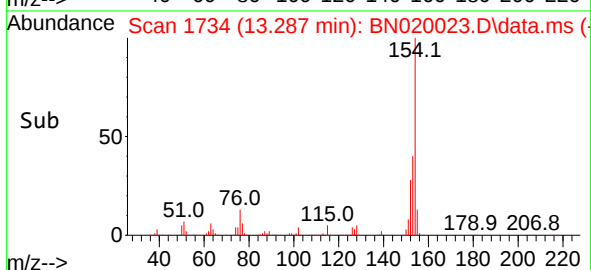
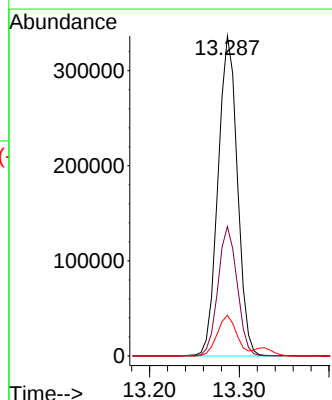
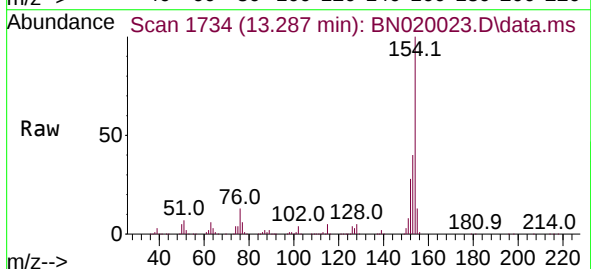
Tgt Ion:154 Resp: 505666

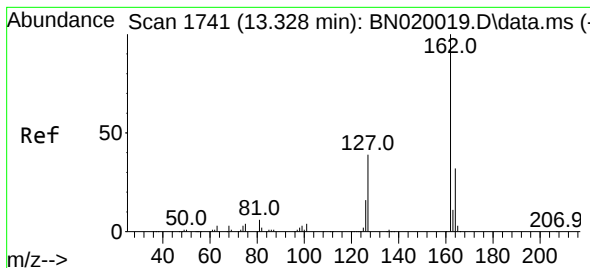
Ion Ratio Lower Upper

154 100

153 40.5 31.5 47.3

76 12.7 10.5 15.7





#44

2-Chloronaphthalene

Concen: 17.056 ng/ul

RT: 13.328 min Scan# 1741

Delta R.T. 0.000 min

Lab File: BN020023.D

Acq: 06 Jun 2022 16:22

Instrument :

BNA_N

ClientSampleId :

SICV223

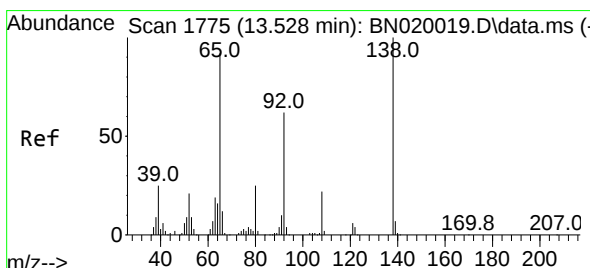
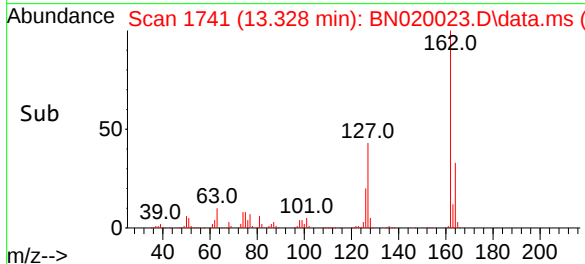
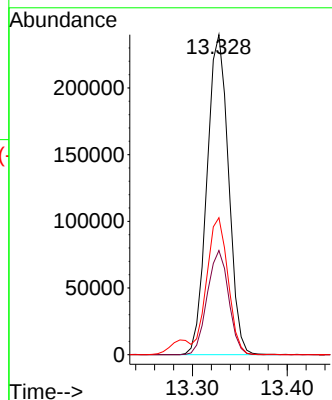
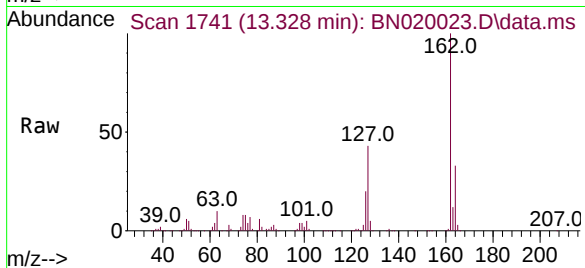
Tgt Ion:162 Resp: 378140

Ion Ratio Lower Upper

162 100

164 32.6 25.8 38.6

127 42.8 31.4 47.2



#45

2-Nitroaniline

Concen: 17.720 ng/ul

RT: 13.522 min Scan# 1774

Delta R.T. -0.006 min

Lab File: BN020023.D

Acq: 06 Jun 2022 16:22

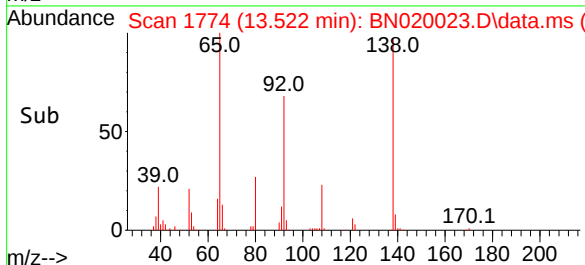
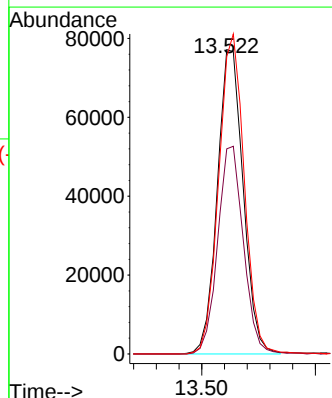
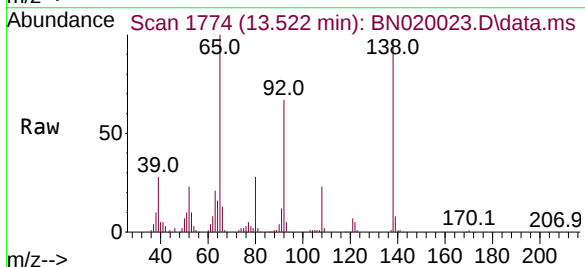
Tgt Ion: 65 Resp: 122223

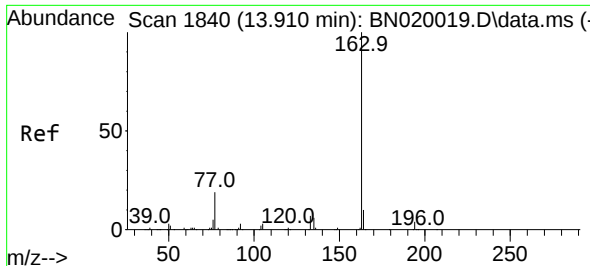
Ion Ratio Lower Upper

65 100

92 67.4 54.1 81.1

138 97.7 77.0 115.4

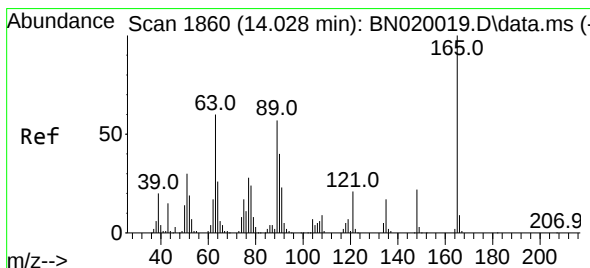
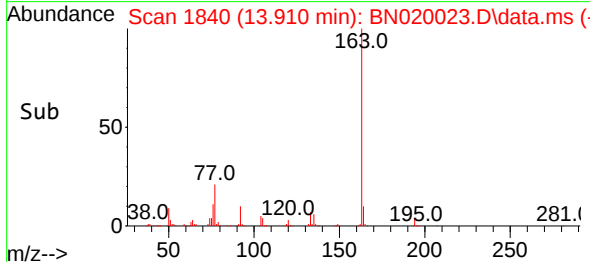
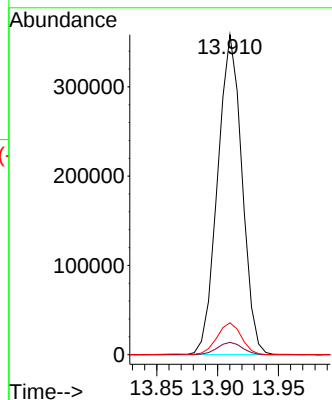
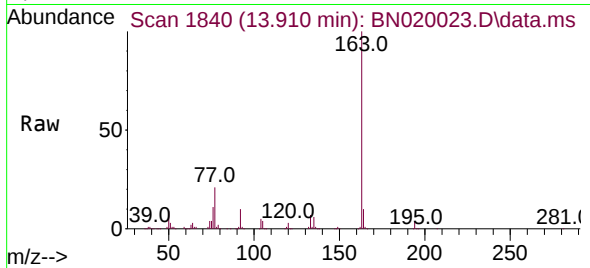




#47
Dimethylphthalate
Concen: 17.237 ng/ul
RT: 13.910 min Scan# 1840
Delta R.T. 0.000 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

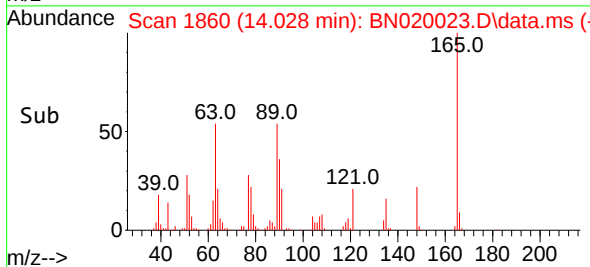
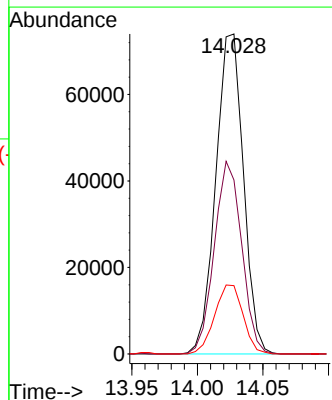
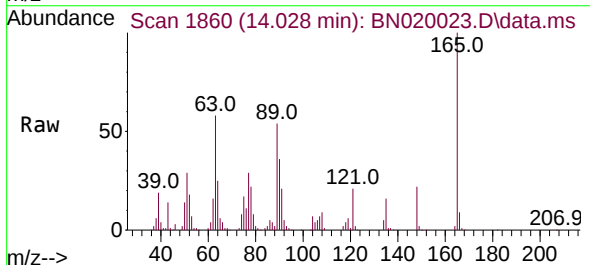
Instrument :
BNA_N
ClientSampleId :
SICV223

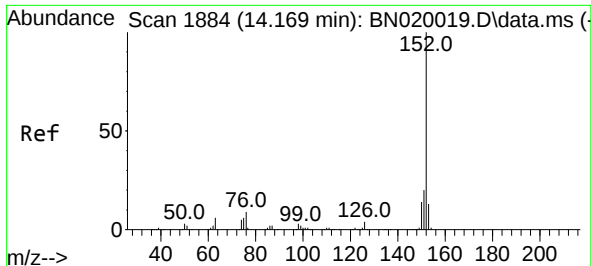
Tgt Ion:163 Resp: 498316
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.0 7.7 11.5



#48
2,6-Dinitrotoluene
Concen: 19.195 ng/ul
RT: 14.028 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

Tgt Ion:165 Resp: 108496
Ion Ratio Lower Upper
165 100
89 54.3 50.6 75.8
121 21.4 17.9 26.9

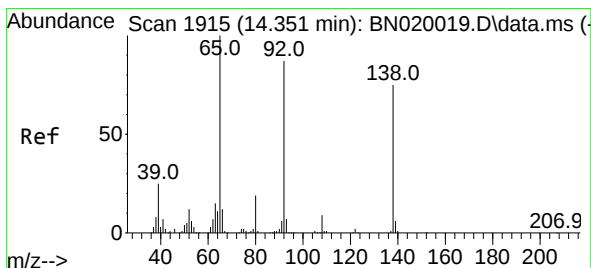
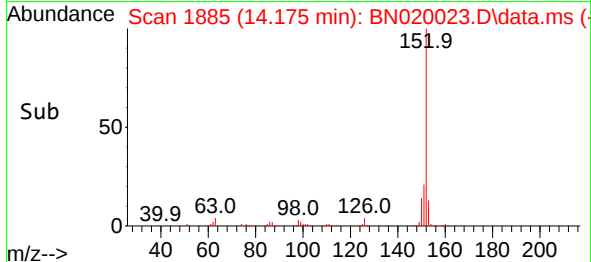
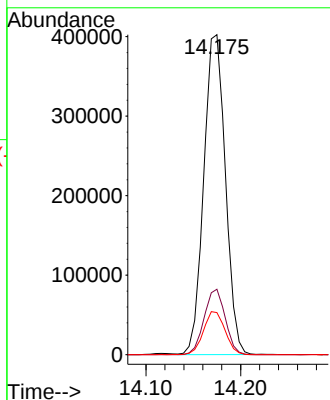
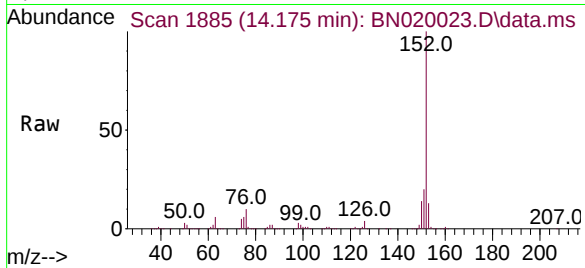




#50
Acenaphthylene
Concen: 17.323 ng/ul
RT: 14.175 min Scan# 1885
Delta R.T. 0.006 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

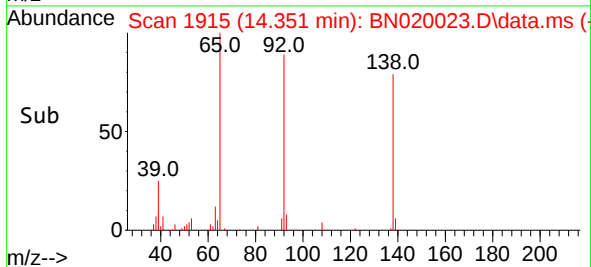
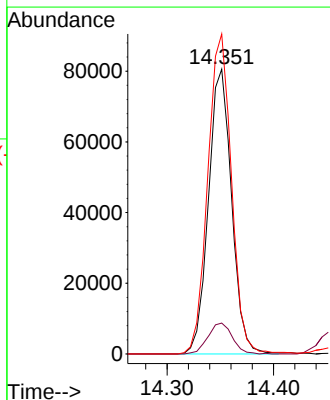
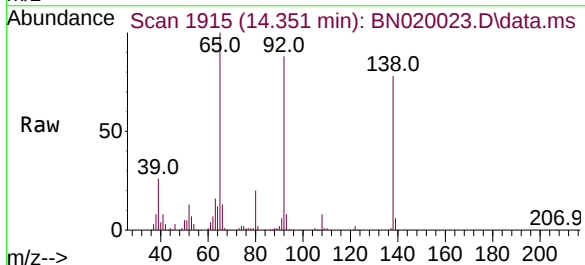
Instrument :
BNA_N
ClientSampleId :
SICV223

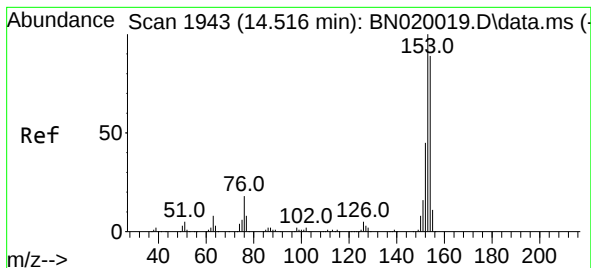
Tgt Ion:152 Resp: 638732
Ion Ratio Lower Upper
152 100
151 20.5 16.0 24.0
153 13.2 10.7 16.1



#51
3-Nitroaniline
Concen: 20.350 ng/ul
RT: 14.351 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

Tgt Ion:138 Resp: 121602
Ion Ratio Lower Upper
138 100
108 10.8 8.6 12.8
92 112.3 92.9 139.3





#52

Acenaphthene

Concen: 17.270 ng/ul

RT: 14.516 min Scan# 1943

Delta R.T. 0.000 min

Lab File: BN020023.D

Acq: 06 Jun 2022 16:22

Instrument :

BNA_N

ClientSampleId :

SICV223

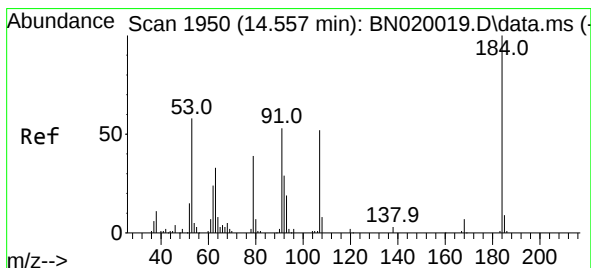
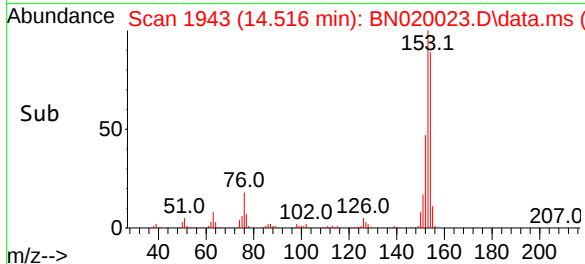
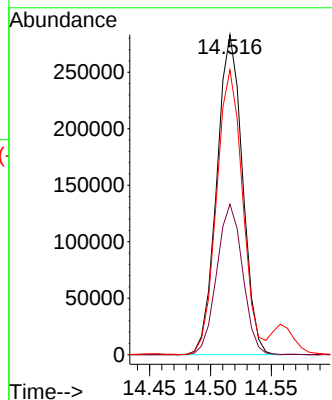
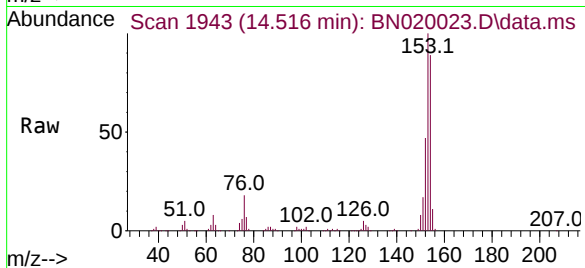
Tgt Ion:153 Resp: 415933

Ion Ratio Lower Upper

153 100

152 47.0 38.4 57.6

154 88.9 69.7 104.5



#53

2,4-Dinitrophenol

Concen: 15.656 ng/ul

RT: 14.557 min Scan# 1950

Delta R.T. 0.000 min

Lab File: BN020023.D

Acq: 06 Jun 2022 16:22

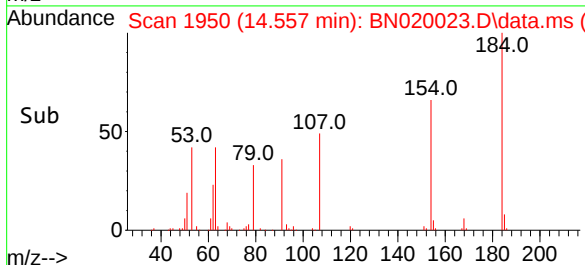
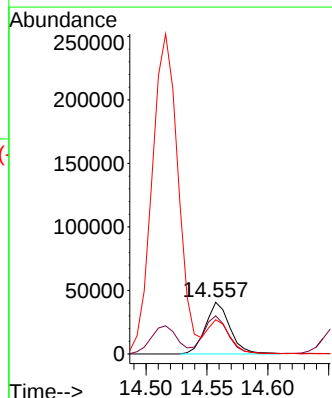
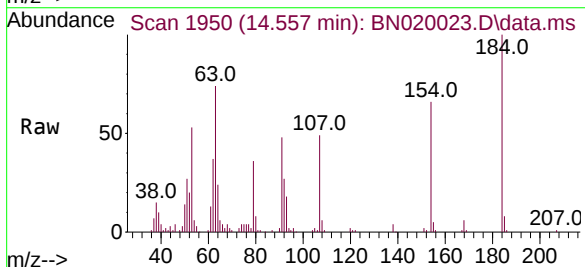
Tgt Ion:184 Resp: 56658

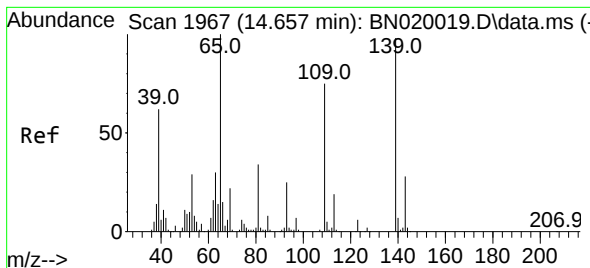
Ion Ratio Lower Upper

184 100

63 73.6 55.9 83.9

154 66.2 53.1 79.7

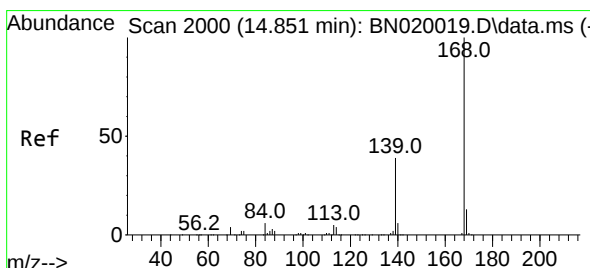
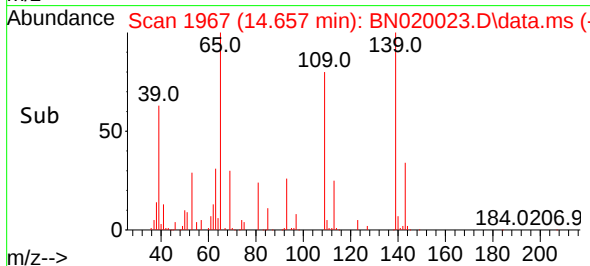
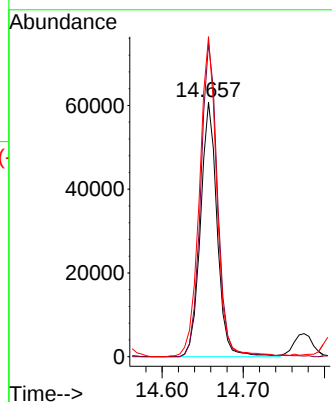
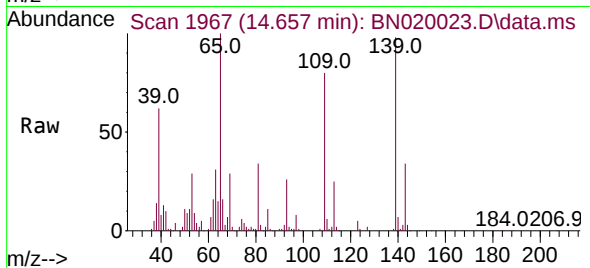




#55
4-Nitrophenol
Concen: 17.612 ng/ul
RT: 14.657 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

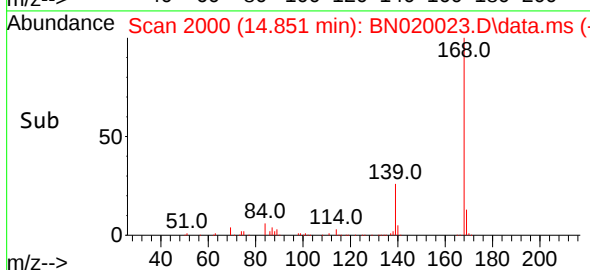
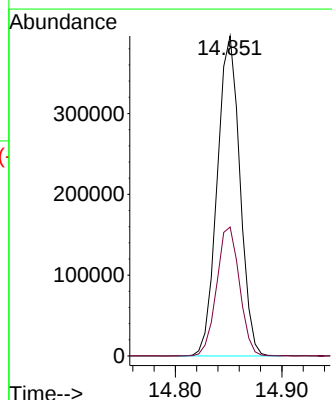
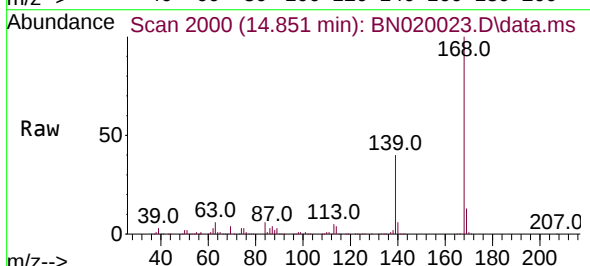
Instrument :
BNA_N
ClientSampleId :
SICV223

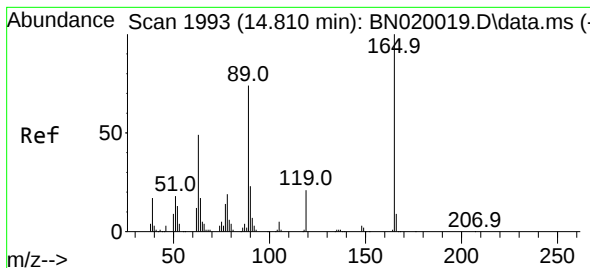
Tgt Ion:109 Resp: 86512
Ion Ratio Lower Upper
109 100
139 123.0 100.1 150.1
65 125.7 104.6 157.0



#56
Dibenzofuran
Concen: 17.222 ng/ul
RT: 14.851 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

Tgt Ion:168 Resp: 584368
Ion Ratio Lower Upper
168 100
139 40.3 31.1 46.7

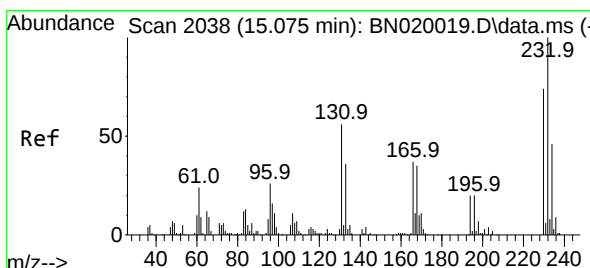
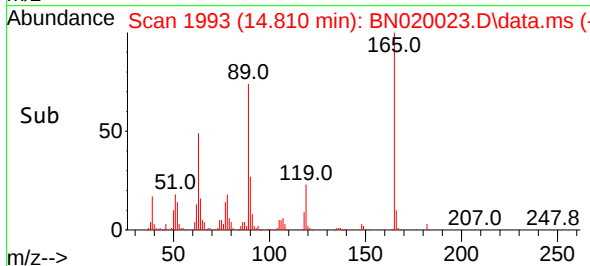
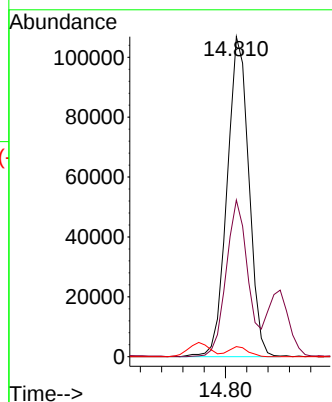
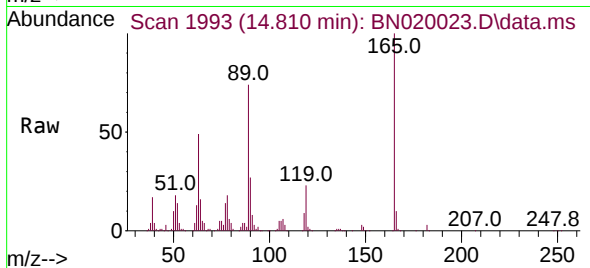




#57
2,4-Dinitrotoluene
Concen: 18.136 ng/ul
RT: 14.810 min Scan# 1993
Delta R.T. 0.000 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

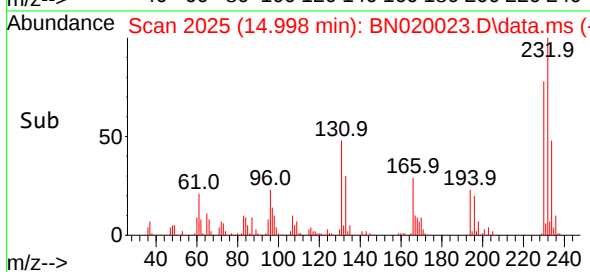
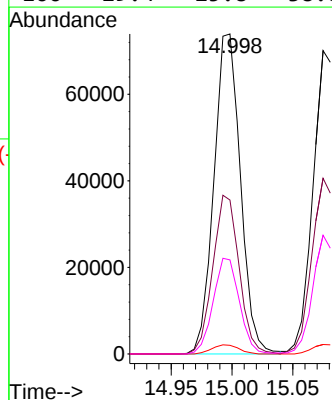
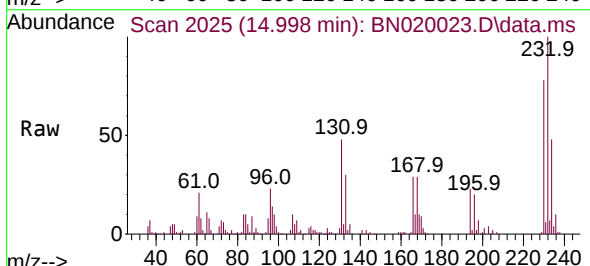
Instrument :
BNA_N
ClientSampleId :
SICV223

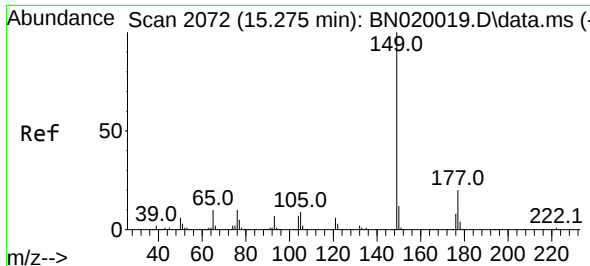
Tgt Ion:165 Resp: 151781
Ion Ratio Lower Upper
165 100
63 49.0 36.3 54.5
182 3.1 2.3 3.5



#58
2,3,4,6-Tetrachlorophenol
Concen: 18.580 ng/ul
RT: 14.998 min Scan# 2025
Delta R.T. -0.076 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

Tgt Ion:232 Resp: 112116
Ion Ratio Lower Upper
232 100
131 48.1 38.5 57.7
130 2.7 2.2 3.2
166 29.4 25.8 38.8

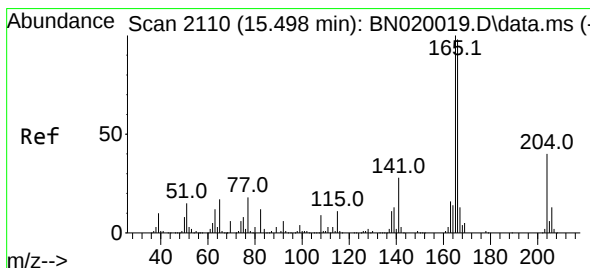
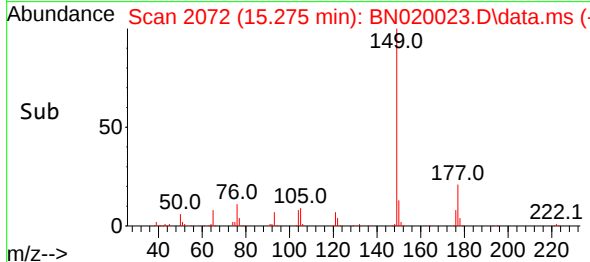
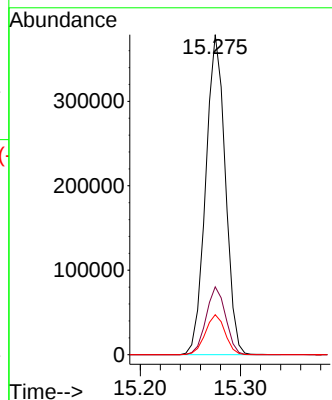
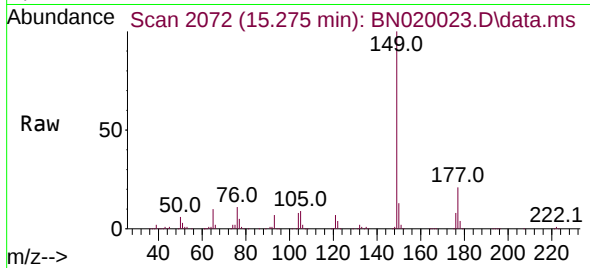




#59
Diethylphthalate
Concen: 17.289 ng/ul
RT: 15.275 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

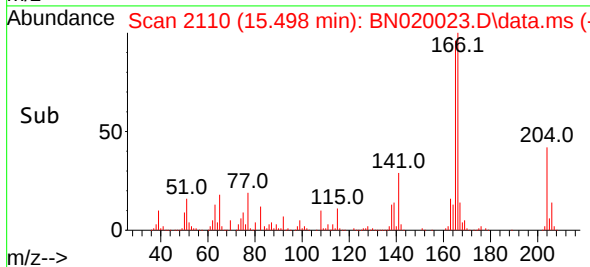
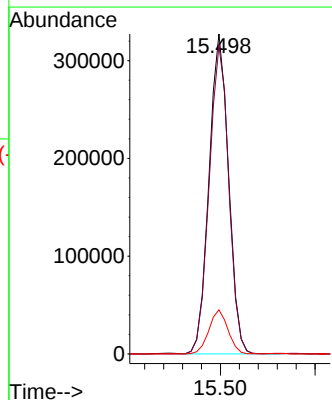
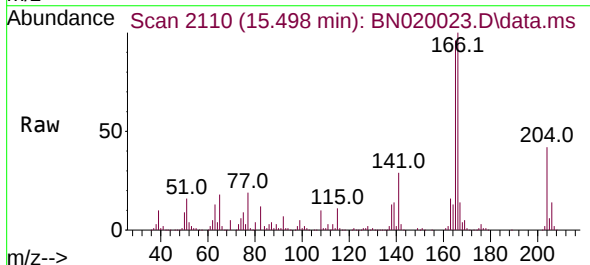
Instrument :
BNA_N
ClientSampleId :
SICV223

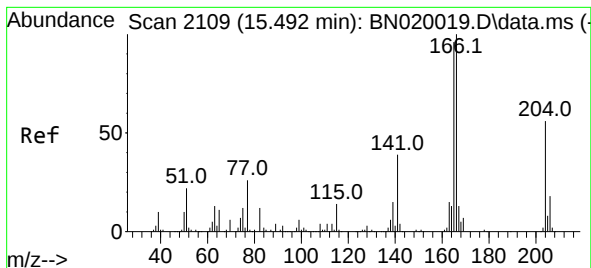
Tgt Ion:149 Resp: 514580
Ion Ratio Lower Upper
149 100
177 21.2 17.8 26.8
150 12.5 10.5 15.7



#61
Fluorene
Concen: 17.767 ng/ul
RT: 15.498 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

Tgt Ion:166 Resp: 469114
Ion Ratio Lower Upper
166 100
165 96.2 77.7 116.5
167 13.8 11.1 16.7

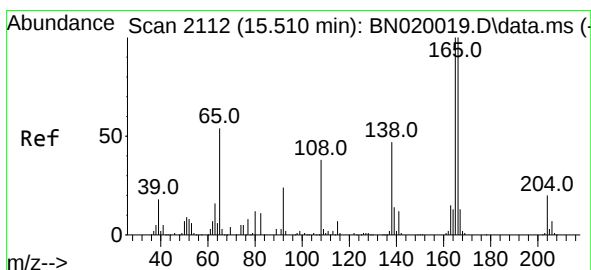
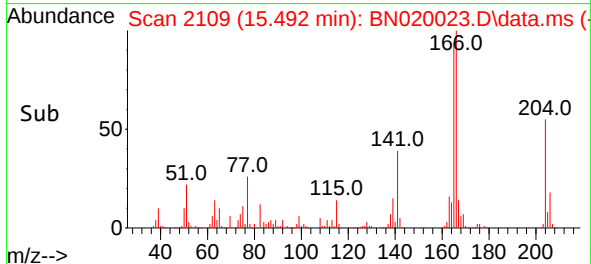
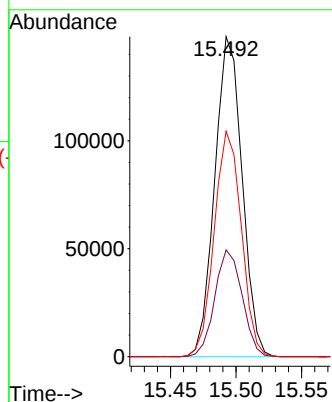
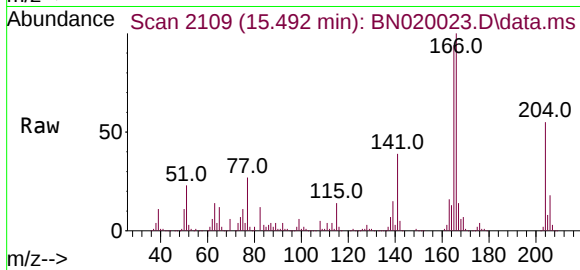




#62
4-Chlorophenyl-phenylether
Concen: 17.696 ng/ul
RT: 15.492 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

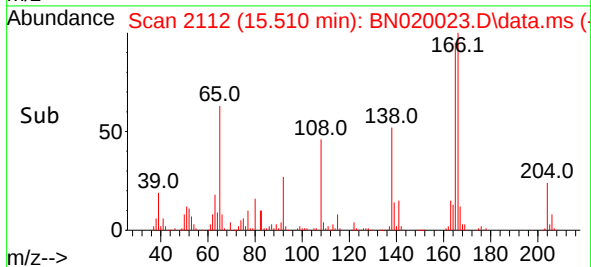
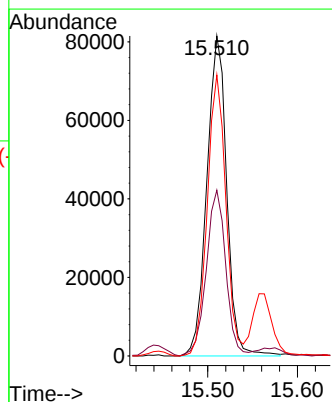
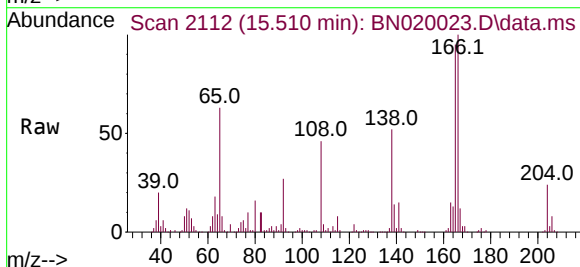
Instrument :
BNA_N
ClientSampleId :
SICV223

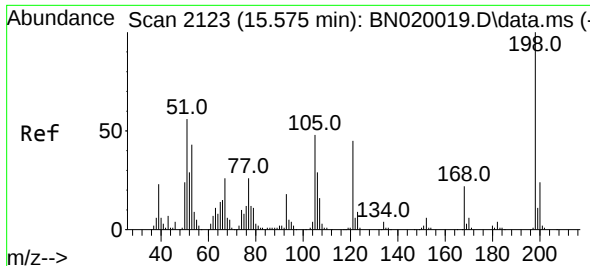
Tgt Ion:204 Resp: 215177
Ion Ratio Lower Upper
204 100
206 33.4 26.7 40.1
141 70.5 50.2 75.2



#63
4-Nitroaniline
Concen: 22.465 ng/ul
RT: 15.510 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

Tgt Ion:138 Resp: 125442
Ion Ratio Lower Upper
138 100
92 51.8 41.0 61.6
108 87.8 65.3 97.9

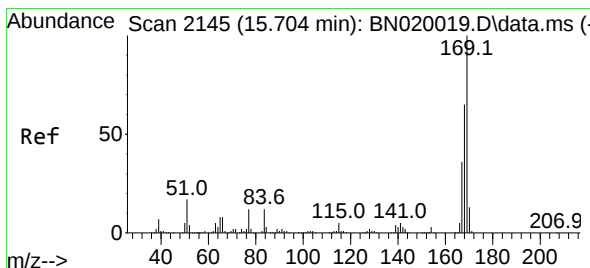
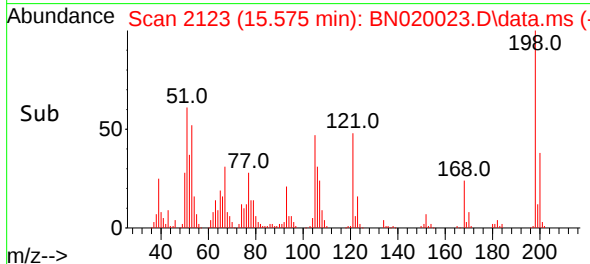
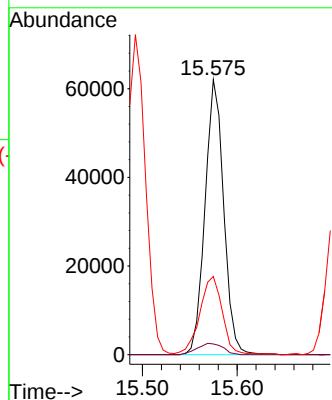
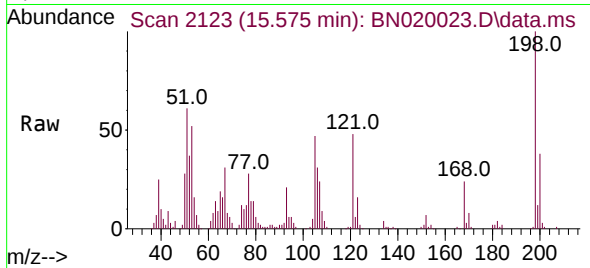




#66
 4,6-Dinitro-2-methylphenol
 Concen: 17.247 ng/ul
 RT: 15.575 min Scan# 2123
 Delta R.T. 0.000 min
 Lab File: BN020023.D
 Acq: 06 Jun 2022 16:22

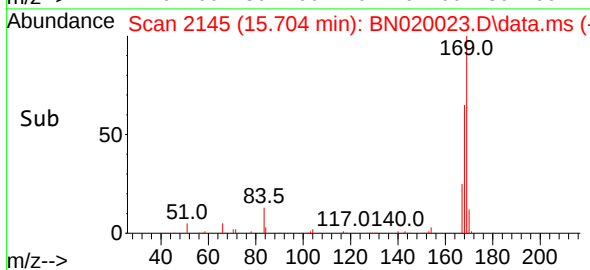
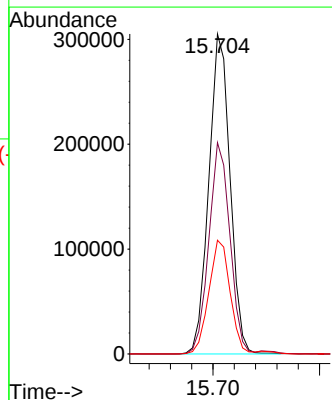
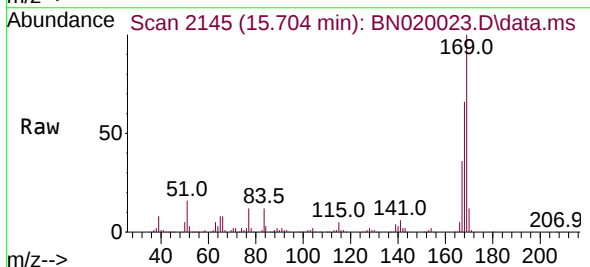
Instrument :
 BNA_N
 ClientSampleId :
 SICV223

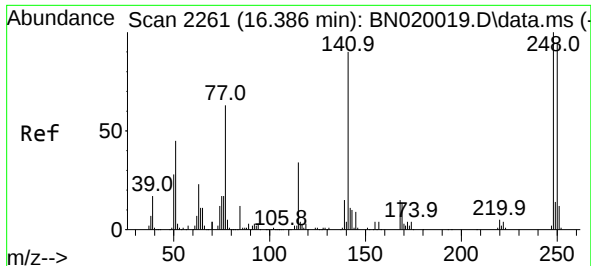
Tgt Ion:198 Resp: 84990
 Ion Ratio Lower Upper
 198 100
 182 3.9 3.0 4.4
 77 28.4 20.1 30.1



#67
 N-Nitrosodiphenylamine
 Concen: 17.519 ng/ul
 RT: 15.704 min Scan# 2145
 Delta R.T. 0.000 min
 Lab File: BN020023.D
 Acq: 06 Jun 2022 16:22

Tgt Ion:169 Resp: 421435
 Ion Ratio Lower Upper
 169 100
 168 66.0 52.4 78.6
 167 35.6 27.5 41.3

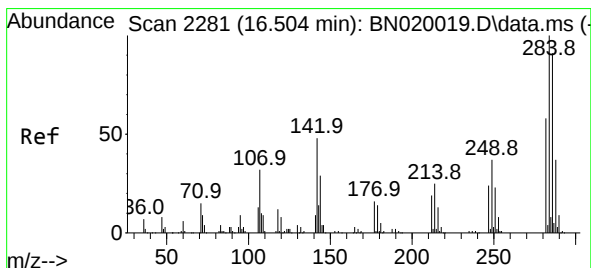
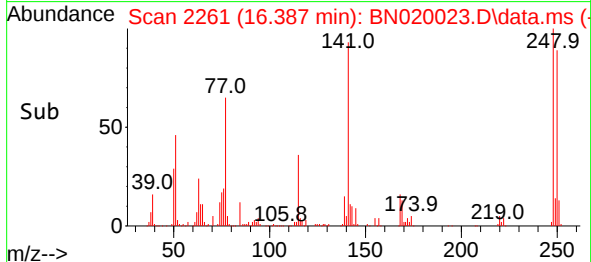
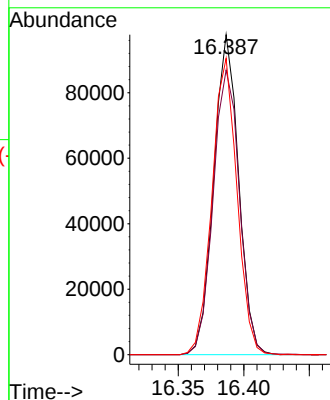
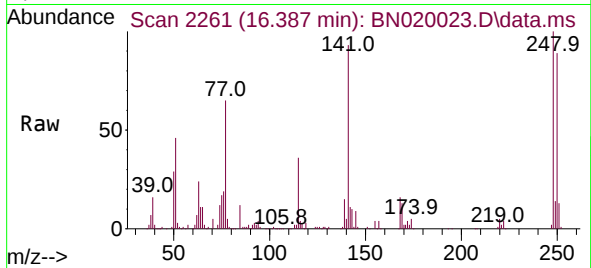




#68
4-Bromophenyl-phenylether
Concen: 17.669 ng/ul
RT: 16.387 min Scan# 2261
Delta R.T. 0.000 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

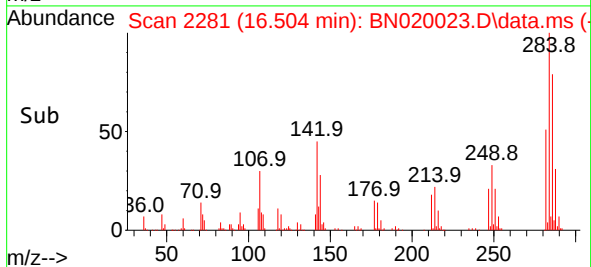
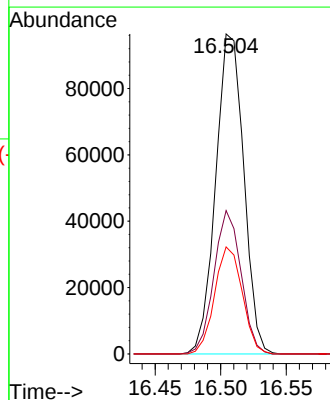
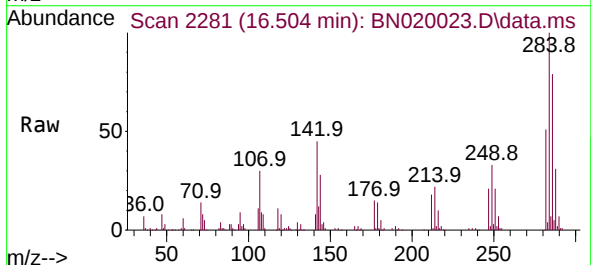
Instrument :
BNA_N
ClientSampleId :
SICV223

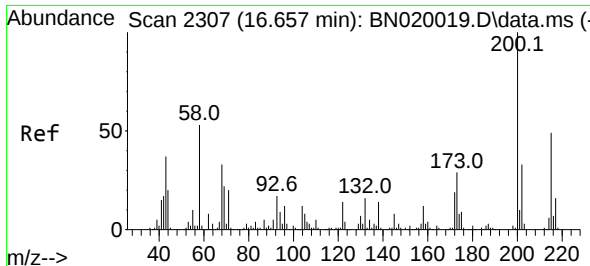
Tgt Ion:248 Resp: 129111
Ion Ratio Lower Upper
248 100
250 88.9 77.8 116.8
141 92.6 62.6 93.8



#69
Hexachlorobenzene
Concen: 17.093 ng/ul
RT: 16.504 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

Tgt Ion:284 Resp: 143575
Ion Ratio Lower Upper
284 100
142 44.8 27.8 41.8#
249 33.4 25.7 38.5

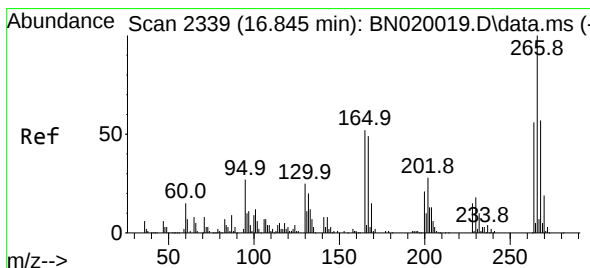
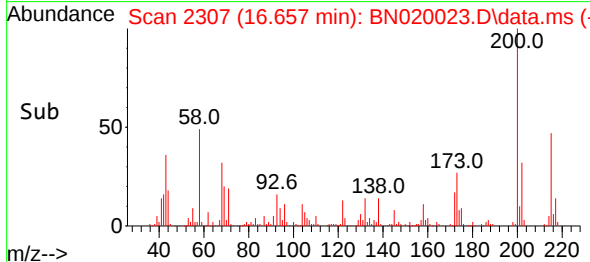
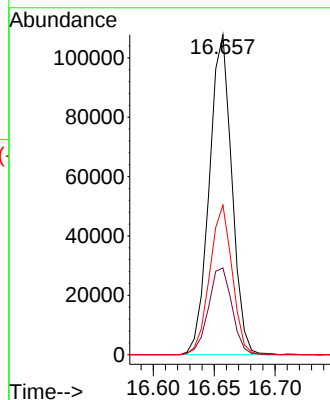
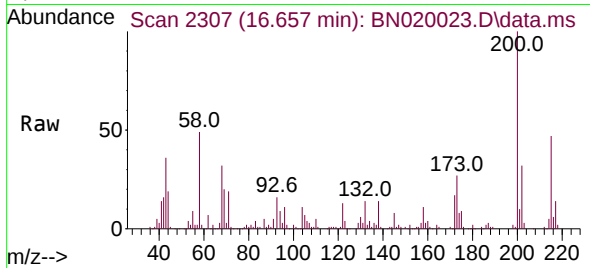




#70
Atrazine
Concen: 16.579 ng/ul
RT: 16.657 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

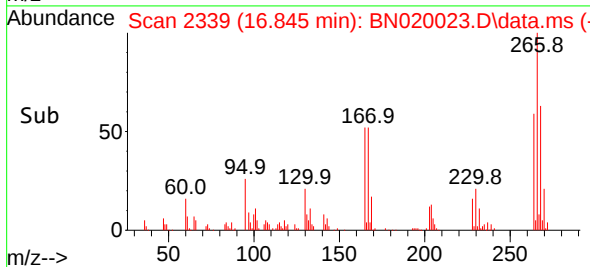
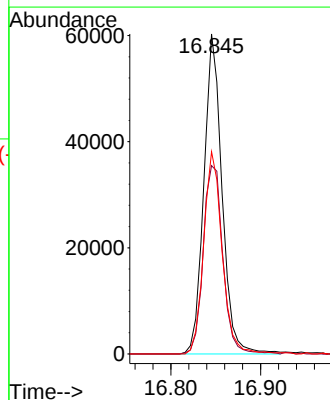
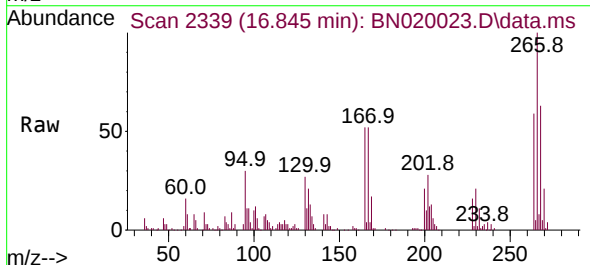
Instrument :
BNA_N
ClientSampleId :
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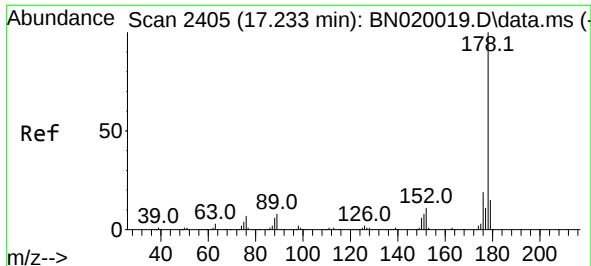
Tgt Ion:200 Resp: 139153
Ion Ratio Lower Upper
200 100
173 27.1 20.5 30.7
215 46.8 38.9 58.3



#71
Pentachlorophenol
Concen: 16.219 ng/ul
RT: 16.845 min Scan# 2339
Delta R.T. 0.000 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

Tgt Ion:266 Resp: 84853
Ion Ratio Lower Upper
266 100
264 58.8 50.2 75.2
268 63.2 49.3 73.9

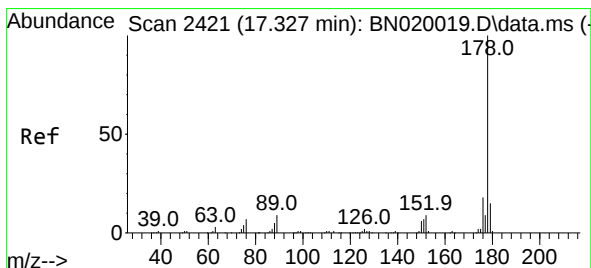
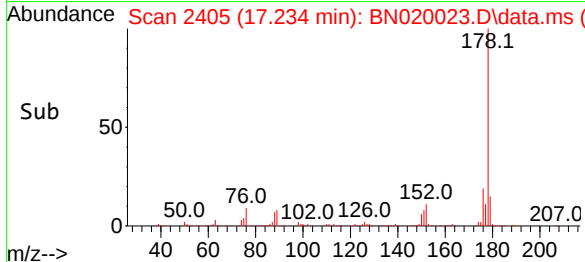
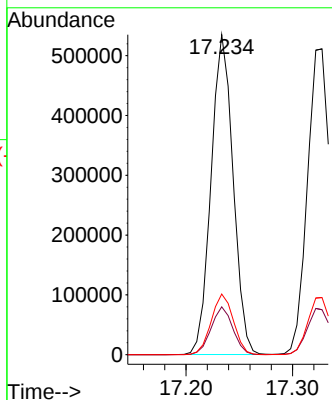
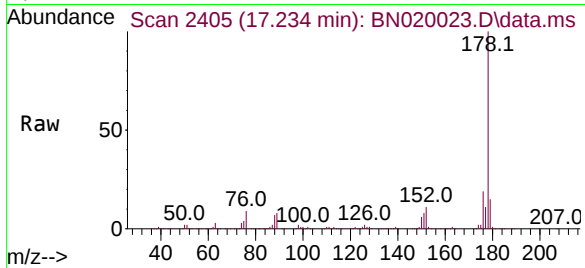




#72
Phenanthrene
Concen: 17.345 ng/u1
RT: 17.234 min Scan# 2405
Delta R.T. 0.000 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

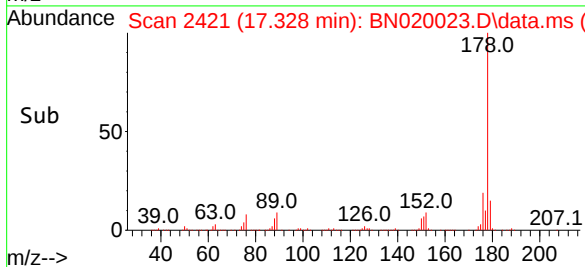
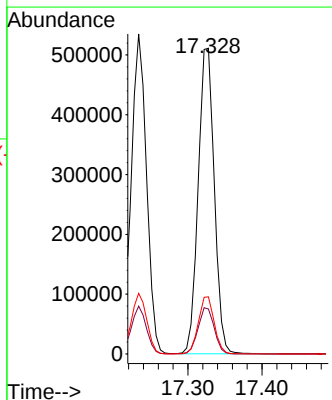
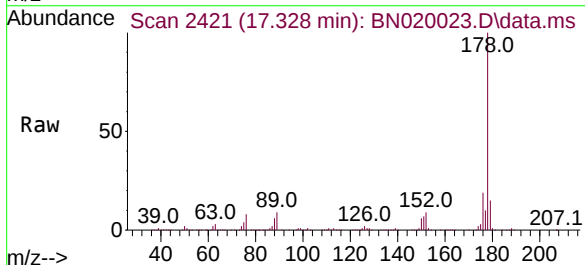
Instrument :
BNA_N
ClientSampleId :
SICV223

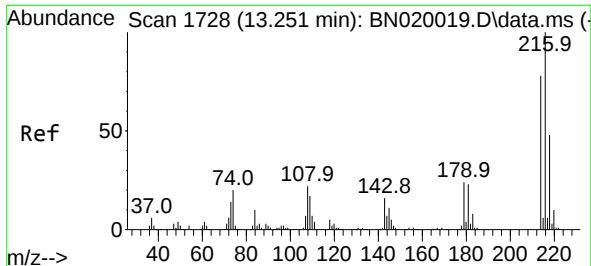
Tgt Ion:178 Resp: 768062
Ion Ratio Lower Upper
178 100
179 14.9 12.2 18.4
176 18.9 15.2 22.8



#74
Anthracene
Concen: 17.389 ng/u1
RT: 17.328 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

Tgt Ion:178 Resp: 774260
Ion Ratio Lower Upper
178 100
179 14.7 13.0 19.4
176 18.7 15.5 23.3

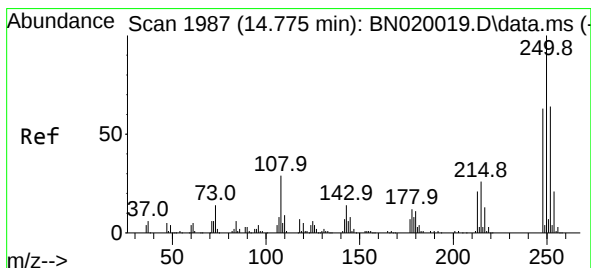
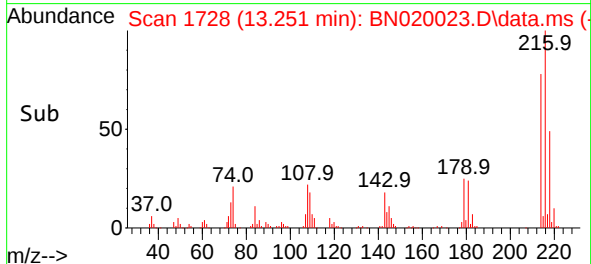
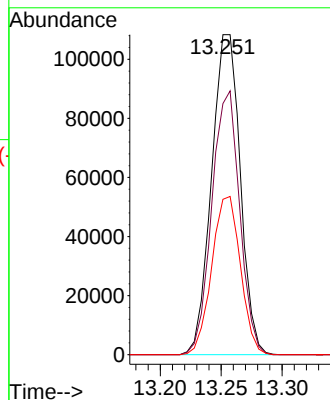
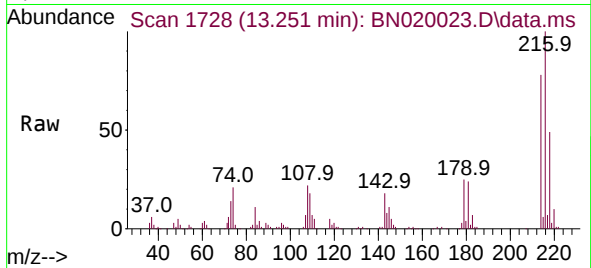




#75
1,2,3,4-Tetrachlorobenzene
Concen: 15.835 ng/uL
RT: 13.251 min Scan# 1728
Delta R.T. 0.000 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

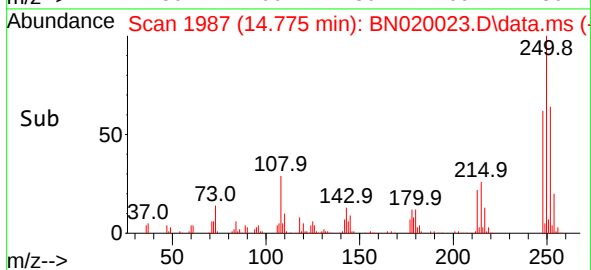
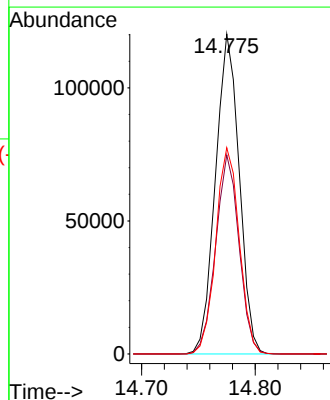
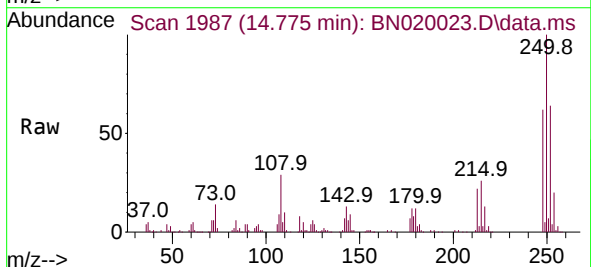
Instrument :
BNA_N
ClientSampleId :
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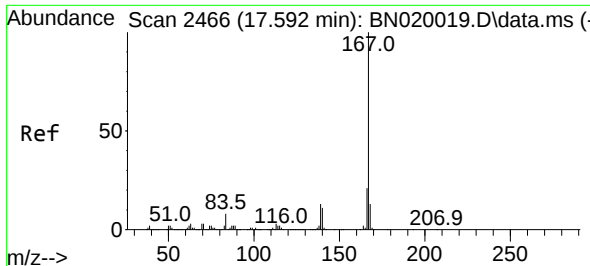
Tgt Ion:216 Resp: 177923
Ion Ratio Lower Upper
216 100
214 78.4 63.2 94.8
218 48.6 37.9 56.9



#76
Pentachlorobenzene
Concen: 17.602 ng/uL
RT: 14.775 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

Tgt Ion:250 Resp: 174804
Ion Ratio Lower Upper
250 100
248 62.2 53.0 79.4
252 64.4 53.4 80.2

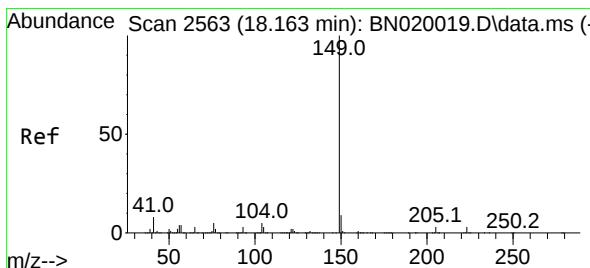
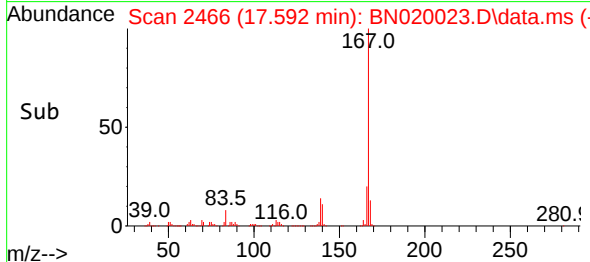
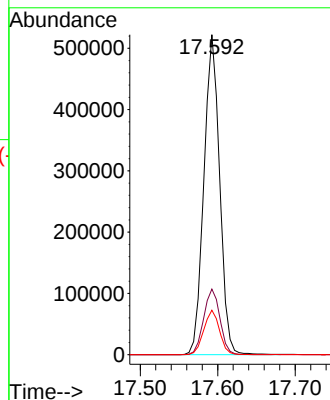
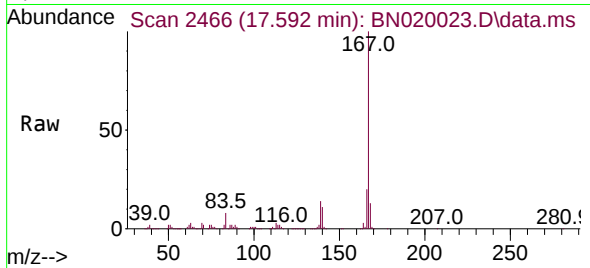




#77
 Carbazole
 Concen: 18.197 ng/ul
 RT: 17.592 min Scan# 2466
 Delta R.T. 0.000 min
 Lab File: BN020023.D
 Acq: 06 Jun 2022 16:22

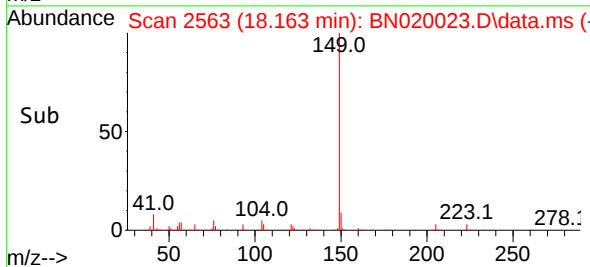
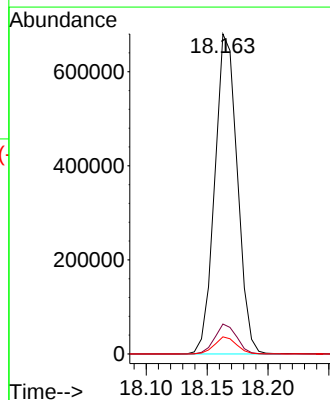
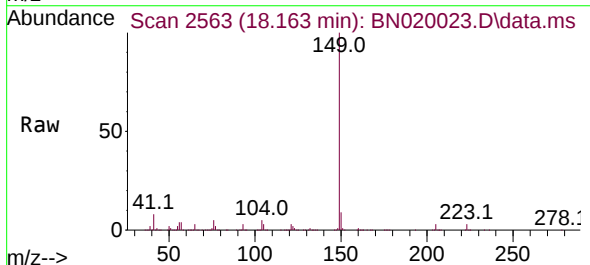
Instrument :
 BNA_N
 ClientSampleId :
 SICV223

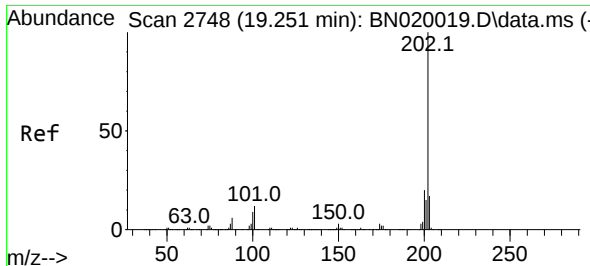
Tgt Ion:167 Resp: 737114
 Ion Ratio Lower Upper
 167 100
 166 20.5 16.1 24.1
 139 13.9 10.2 15.2



#78
 Di-n-butylphthalate
 Concen: 17.474 ng/ul
 RT: 18.163 min Scan# 2563
 Delta R.T. 0.000 min
 Lab File: BN020023.D
 Acq: 06 Jun 2022 16:22

Tgt Ion:149 Resp: 877720
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.1 10.7
 104 5.4 4.1 6.1

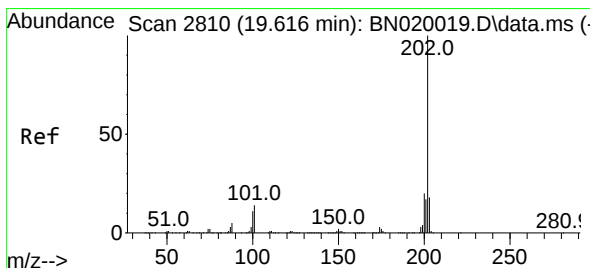
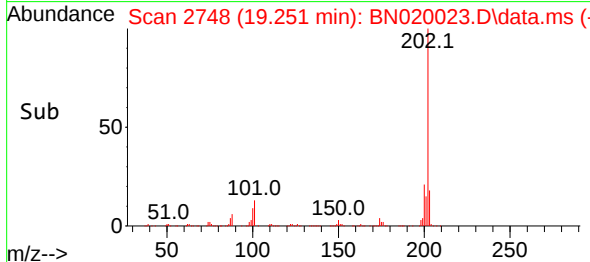
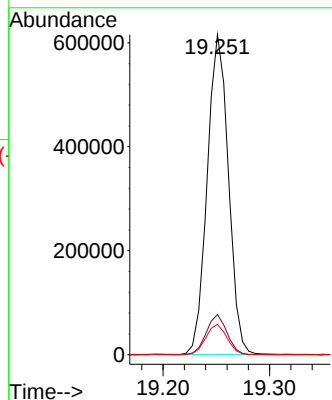
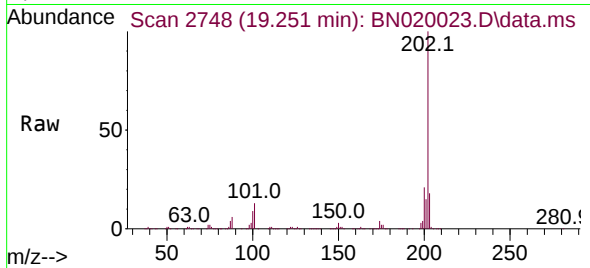




#80
Fluoranthene
Concen: 15.983 ng/u1
RT: 19.251 min Scan# 2748
Delta R.T. 0.000 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

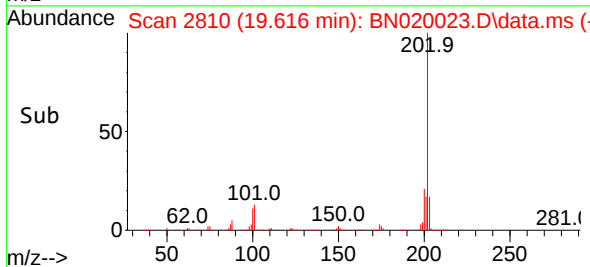
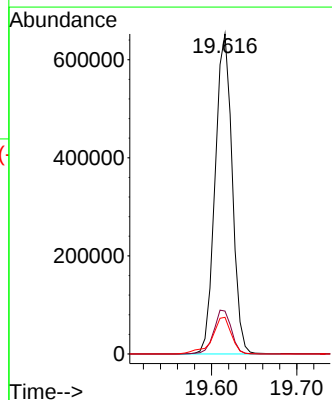
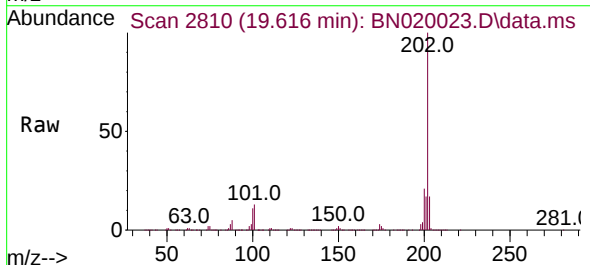
Instrument :
BNA_N
ClientSampleId :
SICV223

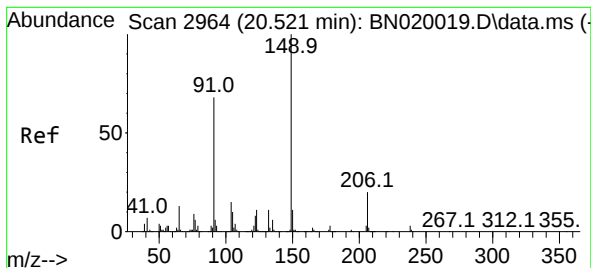
Tgt Ion:202 Resp: 851316
Ion Ratio Lower Upper
202 100
101 12.5 8.9 13.3
100 9.5 6.7 10.1



#82
Pyrene
Concen: 16.591 ng/u1
RT: 19.616 min Scan# 2810
Delta R.T. 0.000 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

Tgt Ion:202 Resp: 906614
Ion Ratio Lower Upper
202 100
101 13.4 9.7 14.5
100 11.5 8.0 12.0





#83

Butylbenzylphthalate

Concen: 16.529 ng/ul

RT: 20.522 min Scan# 2964

Delta R.T. 0.000 min

Lab File: BN020023.D

Acq: 06 Jun 2022 16:22

Instrument :

BNA_N

ClientSampleId :

SICV223

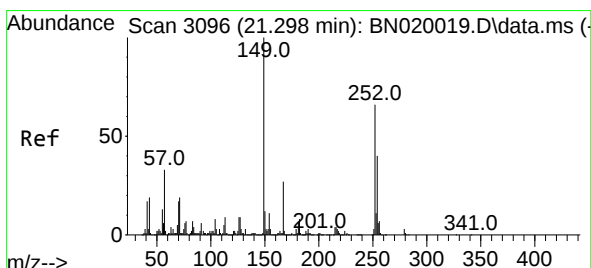
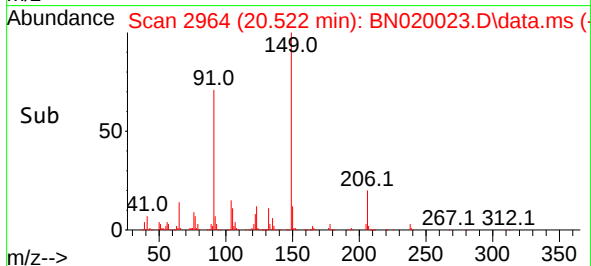
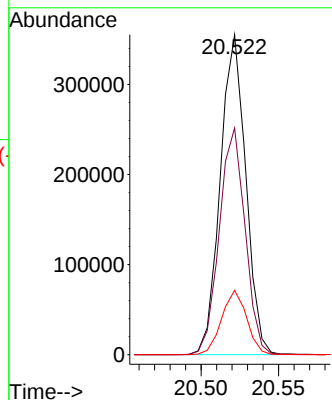
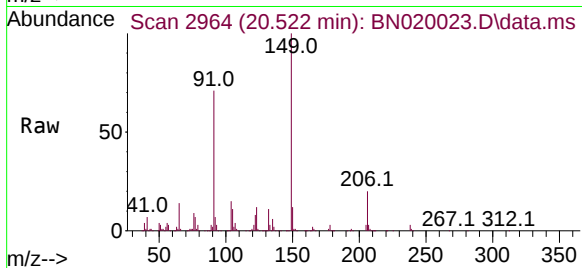
Tgt Ion:149 Resp: 406477

Ion Ratio Lower Upper

149 100

91 70.9 58.8 88.2

206 20.1 18.1 27.1



#84

3,3'-Dichlorobenzidine

Concen: 19.615 ng/ul

RT: 21.304 min Scan# 3097

Delta R.T. 0.006 min

Lab File: BN020023.D

Acq: 06 Jun 2022 16:22

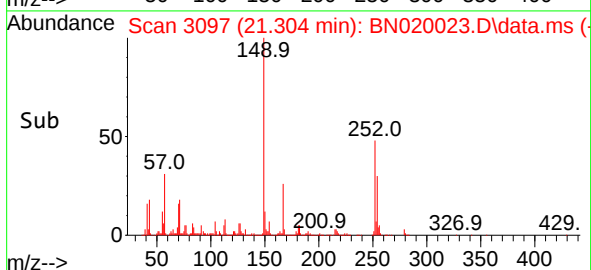
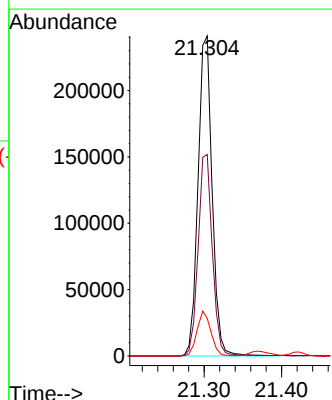
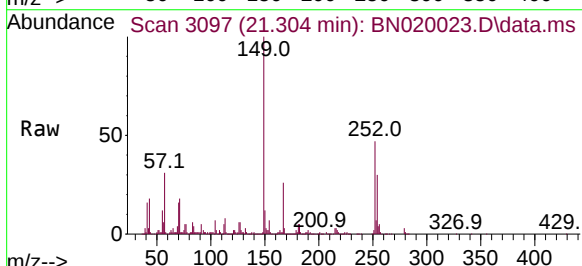
Tgt Ion:252 Resp: 304767

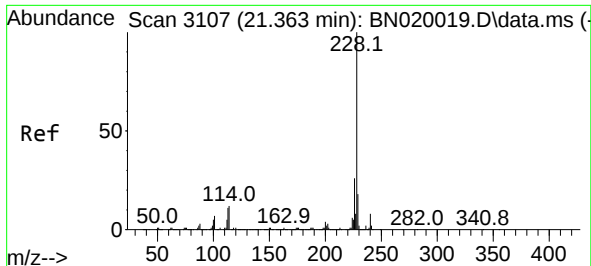
Ion Ratio Lower Upper

252 100

254 62.9 50.8 76.2

126 11.8 8.2 12.4

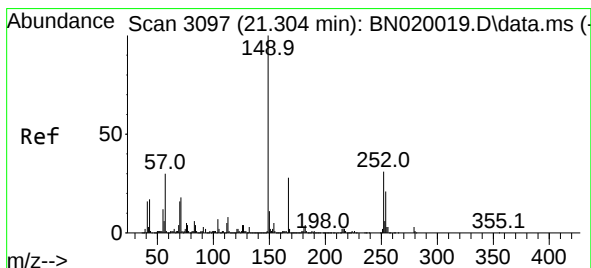
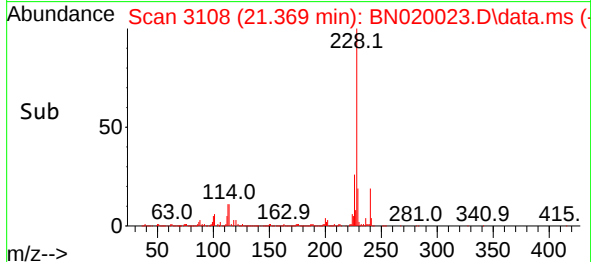
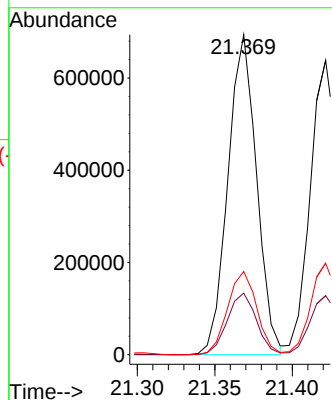
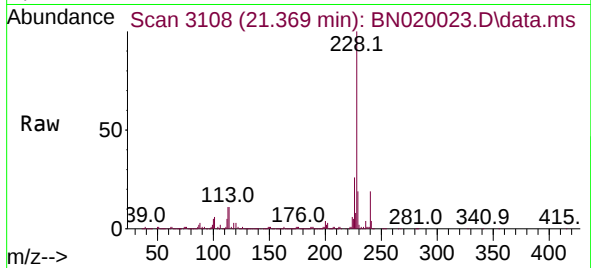




#85
Benzo(a)anthracene
Concen: 17.407 ng/ul
RT: 21.369 min Scan# 3107
Delta R.T. 0.006 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

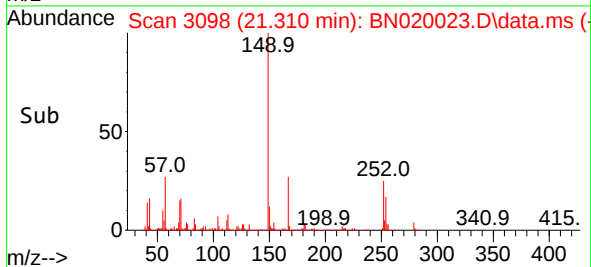
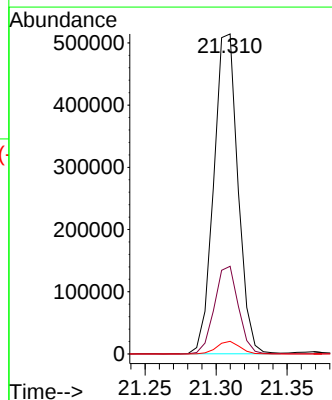
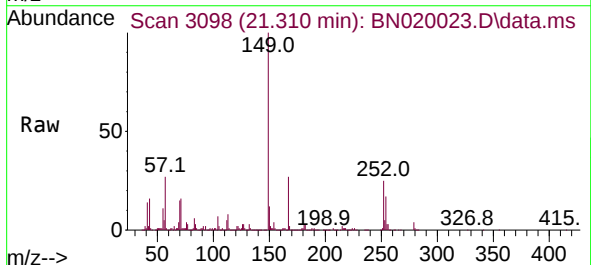
Instrument :
BNA_N
ClientSampleId :
SICV223

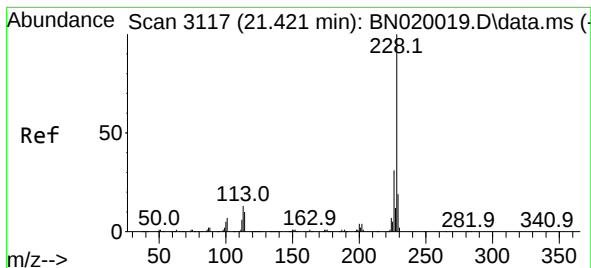
Tgt Ion:228 Resp: 894158
Ion Ratio Lower Upper
228 100
229 19.2 16.3 24.5
226 26.0 23.2 34.8



#86
Bis(2-ethylhexyl)phthalate
Concen: 17.515 ng/ul
RT: 21.310 min Scan# 3098
Delta R.T. 0.006 min
Lab File: BN020023.D
Acq: 06 Jun 2022 16:22

Tgt Ion:149 Resp: 607752
Ion Ratio Lower Upper
149 100
167 27.4 22.5 33.7
279 4.0 3.5 5.3





#87

Chrysene

Concen: 16.351 ng/ul

RT: 21.422 min Scan# 3117

Delta R.T. 0.000 min

Lab File: BN020023.D

Acq: 06 Jun 2022 16:22

Instrument :

BNA_N

ClientSampleId :

SICV223

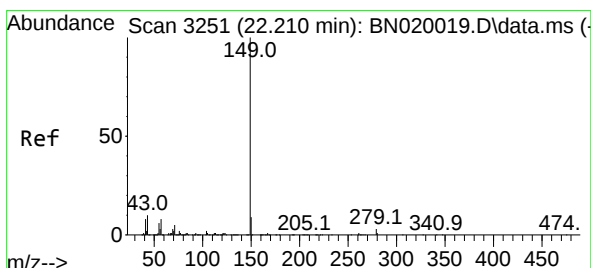
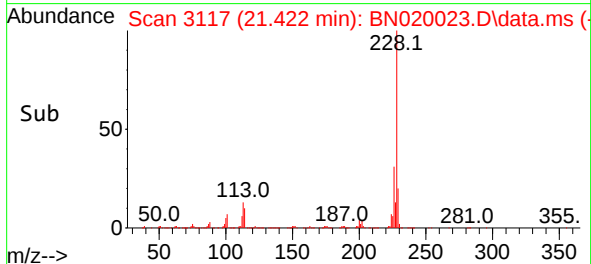
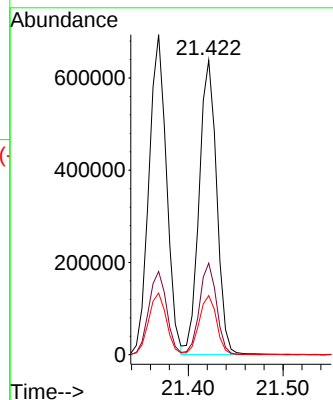
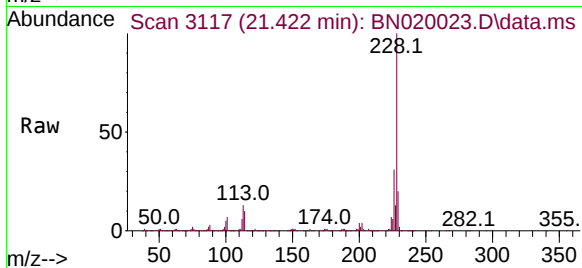
Tgt Ion:228 Resp: 821708

Ion Ratio Lower Upper

228 100

226 31.1 24.2 36.2

229 20.0 16.2 24.2



#89

Di-n-octyl phthalate

Concen: 15.184 ng/ul

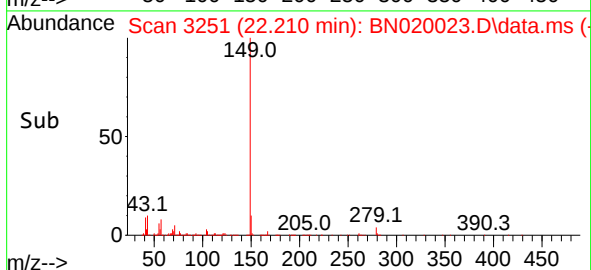
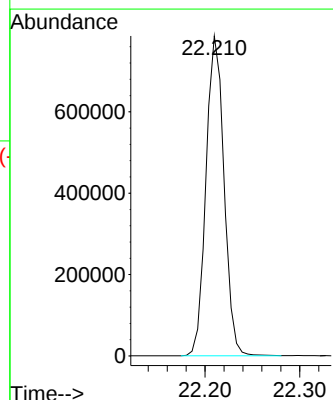
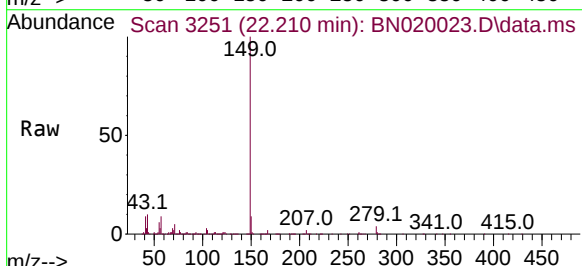
RT: 22.210 min Scan# 3251

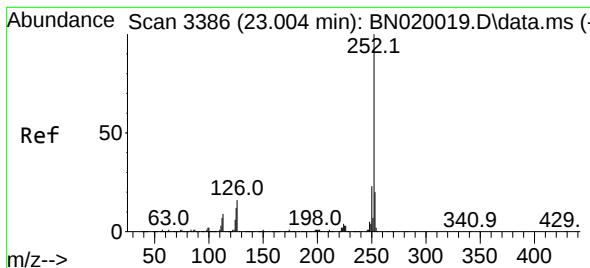
Delta R.T. 0.000 min

Lab File: BN020023.D

Acq: 06 Jun 2022 16:22

Tgt Ion:149 Resp: 1034785





#90

Benzo(b)fluoranthene

Concen: 16.622 ng/ul

RT: 23.057 min Scan# 3395

Delta R.T. 0.053 min

Lab File: BN020023.D

Acq: 06 Jun 2022 16:22

Instrument :

BNA_N

ClientSampleId :

SICV223

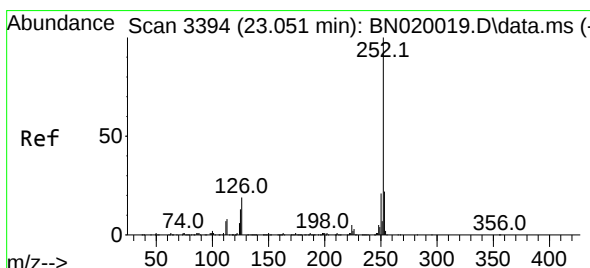
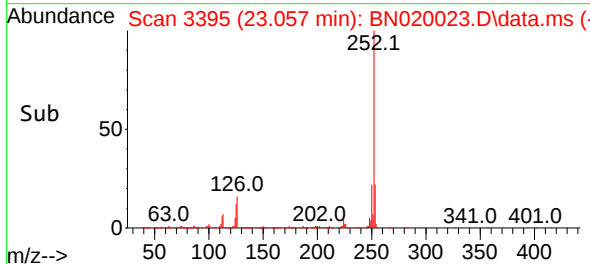
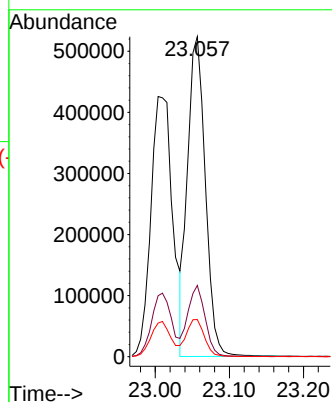
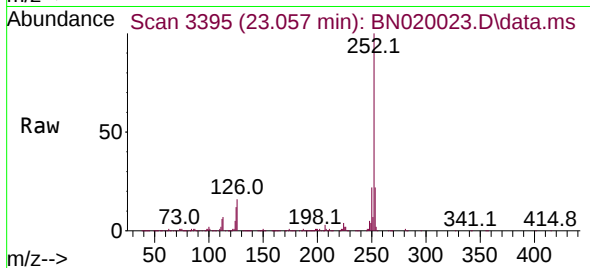
Tgt Ion:252 Resp: 873503

Ion Ratio Lower Upper

252 100

253 22.3 16.5 24.7

125 11.6 7.8 11.8



#91

Benzo(k)fluoranthene

Concen: 17.461 ng/ul

RT: 23.057 min Scan# 3395

Delta R.T. 0.006 min

Lab File: BN020023.D

Acq: 06 Jun 2022 16:22

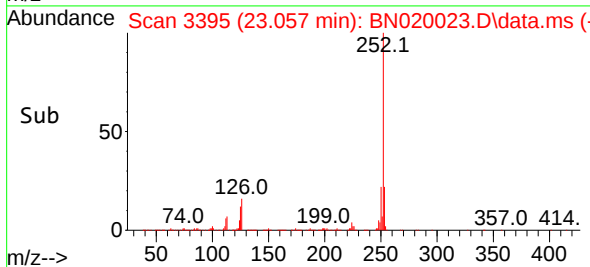
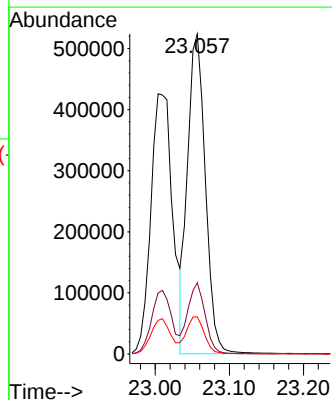
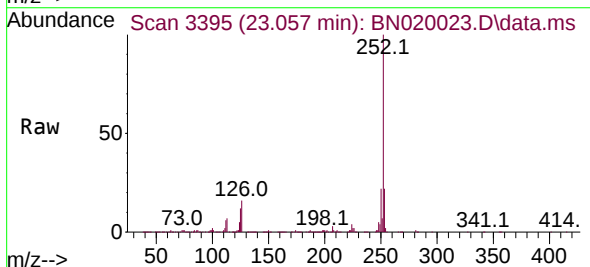
Tgt Ion:252 Resp: 873503

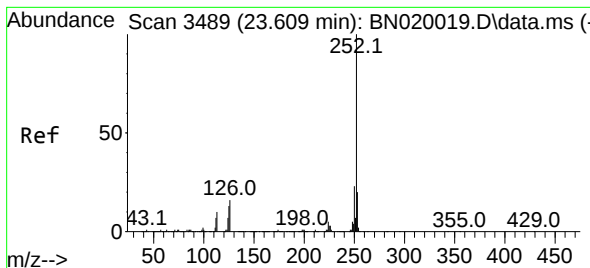
Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.4

125 11.6 8.2 12.4





#93

Benzo(a)pyrene

Concen: 16.282 ng/ul

RT: 23.616 min Scan# 3489

Delta R.T. 0.006 min

Lab File: BN020023.D

Acq: 06 Jun 2022 16:22

Instrument :

BNA_N

ClientSampleId :

SICV223

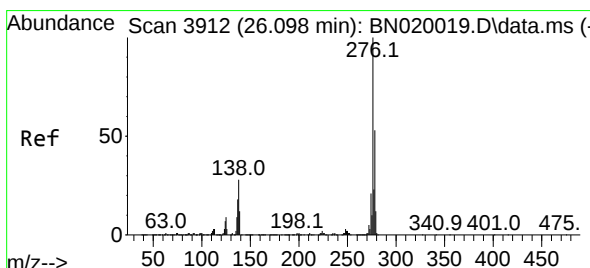
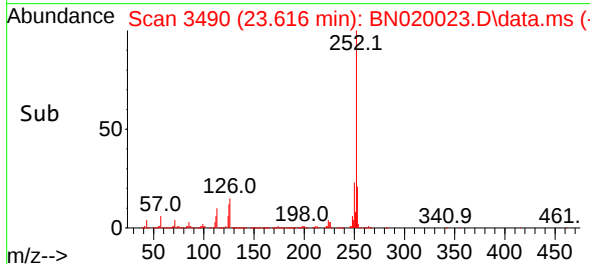
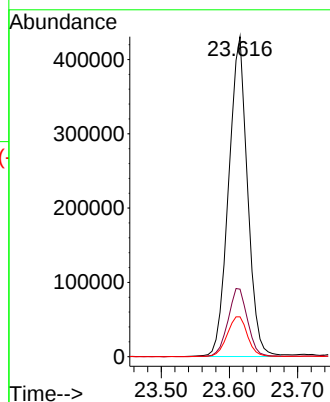
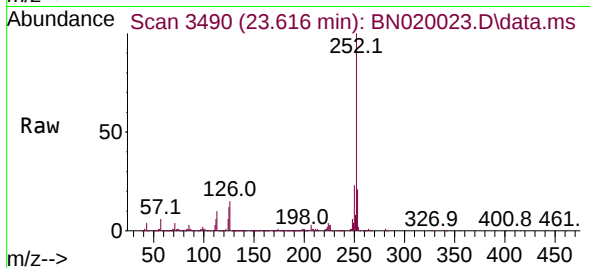
Tgt Ion:252 Resp: 828219

Ion Ratio Lower Upper

252 100

253 21.1 18.7 28.1

125 12.4 9.2 13.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 17.518 ng/ul

RT: 26.110 min Scan# 3914

Delta R.T. 0.012 min

Lab File: BN020023.D

Acq: 06 Jun 2022 16:22

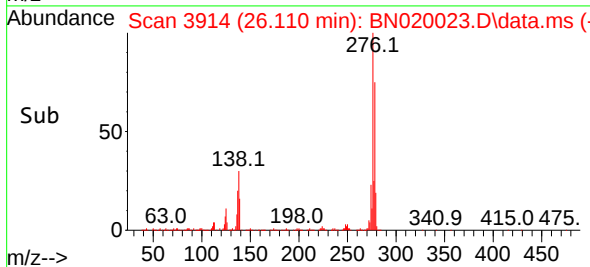
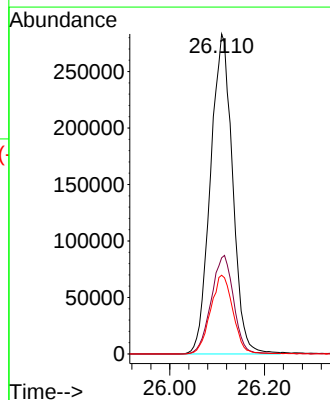
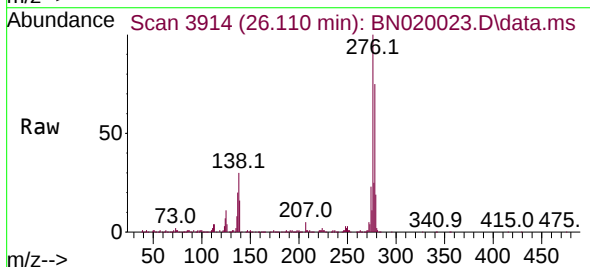
Tgt Ion:276 Resp: 916819

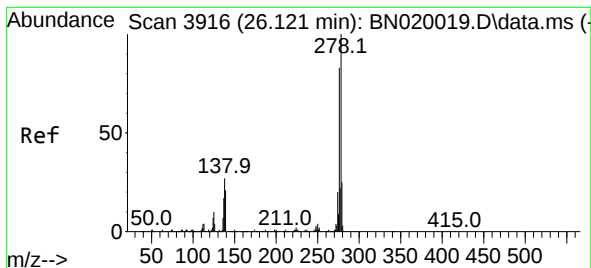
Ion Ratio Lower Upper

276 100

138 30.0 19.5 29.3#

277 24.6 21.4 32.0





#95

Dibenzo(a,h)anthracene

Concen: 17.837 ng/ul

RT: 26.121 min Scan# 3916

Delta R.T. 0.000 min

Lab File: BN020023.D

Acq: 06 Jun 2022 16:22

Instrument :

BNA_N

ClientSampleId :

SICV223

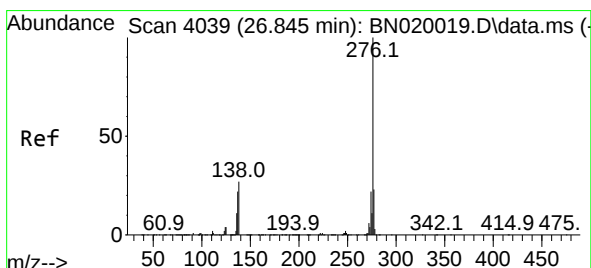
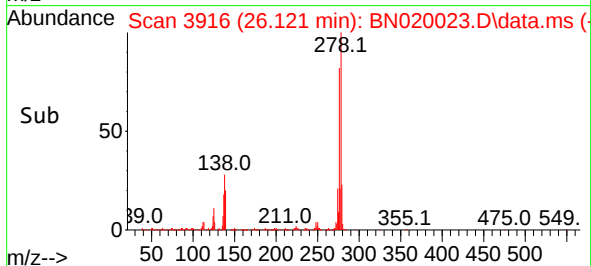
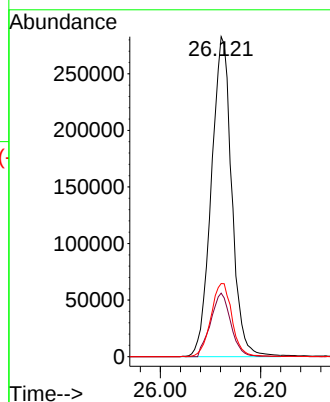
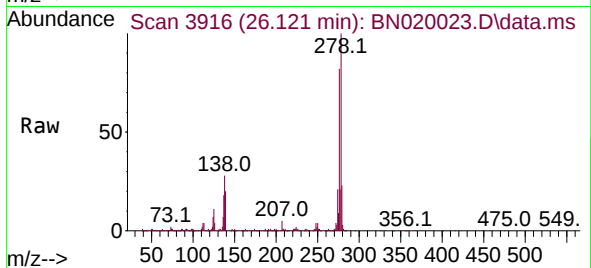
Tgt Ion:278 Resp: 797370

Ion Ratio Lower Upper

278 100

139 19.9 13.8 20.8

279 22.9 18.3 27.5



#96

Benzo(g,h,i)perylene

Concen: 18.001 ng/ul

RT: 26.839 min Scan# 4038

Delta R.T. -0.006 min

Lab File: BN020023.D

Acq: 06 Jun 2022 16:22

Tgt Ion:276 Resp: 795604

Ion Ratio Lower Upper

276 100

138 24.9 17.0 25.6

277 23.1 17.8 26.6

