

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042223\
 Data File : BN025084.D
 Acq On : 22 Apr 2023 19:54
 Operator : CG/JU
 Sample : PB152281BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS281

Quant Time: Apr 23 00:41:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Apr 23 00:37:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	215867	20.000	ng/u1	0.00
20) Naphthalene-d8	10.728	136	1016236	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.563	164	663698	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.310	188	1483437	20.000	ng/u1	0.00
79) Chrysene-d12	21.510	240	1555443	20.000	ng/u1	0.00
88) Perylene-d12	23.951	264	1782268	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	26502	4.673	ng/uL	0.00
4) Pyridine-d5	3.716	84	423433	24.932	ng/u1	0.00
7) Phenol-d5	7.075	99	589096	27.991	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.246	67	393064	27.923	ng/u1	0.00
11) 2-Chlorophenol-d4	7.446	132	438902	28.378	ng/u1	0.00
15) 4-Methylphenol-d8	8.628	113	476413	28.515	ng/u1	0.00
21) Nitrobenzene-d5	9.087	128	218196	26.518	ng/u1	0.00
24) 2-Nitrophenol-d4	9.810	143	246427	27.649	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.346	165	456104	28.631	ng/u1	0.00
31) 4-Chloroaniline-d4	10.869	131	449978	18.613	ng/u1	0.00
46) Dimethylphthalate-d6	13.975	166	1523251	29.606	ng/u1	0.00
49) Acenaphthylene-d8	14.257	160	1674636	28.403	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	318290	30.179	ng/u1	0.00
60) Fluorene-d10	15.557	176	1275414	29.360	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	278163	28.813	ng/u1	0.00
73) Anthracene-d10	17.410	188	2016413	28.942	ng/u1	0.00
81) Pyrene-d10	19.704	212	2490968	27.579	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.792	264	2763644	29.656	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	61003	9.967	ng/uL	98
5) Pyridine	3.734	79	543106	30.952	ng/u1	96
6) Benzaldehyde	7.052	77	153629	14.940	ng/u1	99
8) Phenol	7.105	94	630622	28.772	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.340	93	486244	28.258	ng/u1	99
12) 2-Chlorophenol	7.475	128	453713	28.088	ng/u1	100
13) 2-Methylphenol	8.363	108	462365	28.733	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.452	45	973302	28.806	ng/u1	99
16) Acetophenone	8.746	105	764691	28.946	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.728	70	423506	29.720	ng/u1	98
18) 4-Methylphenol	8.693	108	525822	29.384	ng/u1	97
19) Hexachloroethane	8.999	117	176782	27.117	ng/u1	95
22) Nitrobenzene	9.128	77	610685	27.620	ng/u1	99
23) Isophorone	9.651	82	1173417	28.912	ng/u1	99
25) 2-Nitrophenol	9.840	139	274372	28.539	ng/u1	99
26) 2,4-Dimethylphenol	9.899	107	546814	27.014	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.140	93	710927	28.147	ng/u1	100
29) 2,4-Dichlorophenol	10.375	162	459878	28.764	ng/u1	97
30) Naphthalene	10.781	128	1553816	27.377	ng/u1	99
32) 4-Chloroaniline	10.893	127	427586	17.472	ng/u1	98
33) Hexachlorobutadiene	11.057	225	260791	27.985	ng/u1	96
34) Caprolactam	11.669	113	80908	14.438	ng/u1	88
35) 4-Chloro-3-methylphenol	12.016	107	577530	30.808	ng/u1	99
36) 2-Methylnaphthalene	12.387	142	1075073	28.661	ng/u1	100

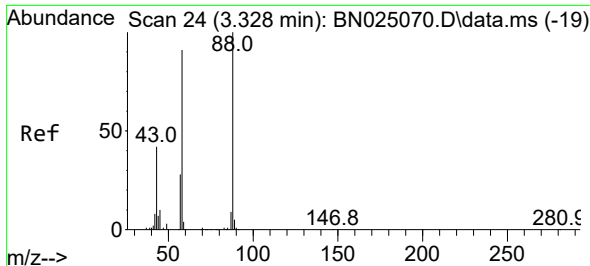
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.610	142	1113965	29.750	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.757	216	546822	28.246	ng/ul	95
40) Hexachlorocyclopentadiene	12.734	237	282586	23.938	ng/ul	99
41) 2,4,6-Trichlorophenol	12.998	196	367107	27.753	ng/ul	99
42) 2,4,5-Trichlorophenol	13.069	196	422274	29.172	ng/ul	98
43) 1,1'-Biphenyl	13.398	154	1461154	27.631	ng/ul	99
44) 2-Chloronaphthalene	13.439	162	1156498	28.166	ng/ul	97
45) 2-Nitroaniline	13.651	65	429745	29.973	ng/ul	99
47) Dimethylphthalate	14.022	163	1549129	29.924	ng/ul	100
48) 2,6-Dinitrotoluene	14.145	165	312578	30.934	ng/ul	96
50) Acenaphthylene	14.287	152	1851830	28.596	ng/ul	99
51) 3-Nitroaniline	14.475	138	311086	29.296	ng/ul	100
52) Acenaphthene	14.628	153	1282004	28.635	ng/ul	97
53) 2,4-Dinitrophenol	14.681	184	184565	28.408	ng/ul	95
55) 4-Nitrophenol	14.781	109	269836	31.435	ng/ul	95
56) Dibenzofuran	14.963	168	1806837	29.280	ng/ul	97
57) 2,4-Dinitrotoluene	14.934	165	465254	31.808	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.186	232	344255	28.882	ng/ul	100
59) Diethylphthalate	15.386	149	1616582	31.077	ng/ul	98
61) Fluorene	15.610	166	1519987	30.623	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.604	204	704689	30.502	ng/ul	98
63) 4-Nitroaniline	15.639	138	358457	34.255	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.692	198	285470	30.187	ng/ul	99
67) N-Nitrosodiphenylamine	15.822	169	1292038	28.709	ng/ul	97
68) 4-Bromophenyl-phenylether	16.498	248	441374	29.601	ng/ul	96
69) Hexachlorobenzene	16.616	284	504539	29.886	ng/ul	95
71) Pentachlorophenol	16.963	266	290759	27.709	ng/ul	97
72) Phenanthrene	17.357	178	2480536	29.632	ng/ul	98
74) Anthracene	17.445	178	2450960	29.056	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.363	216	563127	26.689	ng/uL	97
76) Pentachlorobenzene	14.881	250	586362	29.047	ng/uL	93
77) Carbazole	17.722	167	2311358	30.346	ng/ul	99
78) Di-n-butylphthalate	18.280	149	2917274	32.269	ng/ul	99
80) Fluoranthene	19.374	202	2914731	26.926	ng/ul	99
82) Pyrene	19.733	202	3135381	27.517	ng/ul	99
83) Butylbenzylphthalate	20.633	149	1425781	30.139	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.427	252	779491	21.842	ng/ul	98
85) Benzo(a)anthracene	21.492	228	3132116	28.037	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.416	149	2149746	30.441	ng/ul	97
87) Chrysene	21.545	228	3070210	28.854	ng/ul	97
89) Di-n-octyl phthalate	22.351	149	3950491	32.254	ng/ul	100
90) Benzo(b)fluoranthene	23.204	252	3441507	29.444	ng/ul	95
91) Benzo(k)fluoranthene	23.251	252	3407321	29.626	ng/ul	97
93) Benzo(a)pyrene	23.851	252	3124672	30.535	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.509	276	4105566	33.113	ng/ul	99
95) Dibenzo(a,h)anthracene	26.521	278	3399135	33.207	ng/ul	99
96) Benzo(g,h,i)perylene	27.292	276	3359082	33.387	ng/ul	97

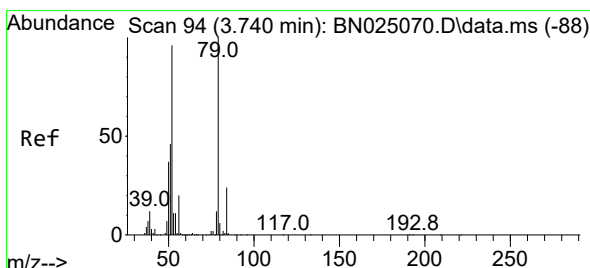
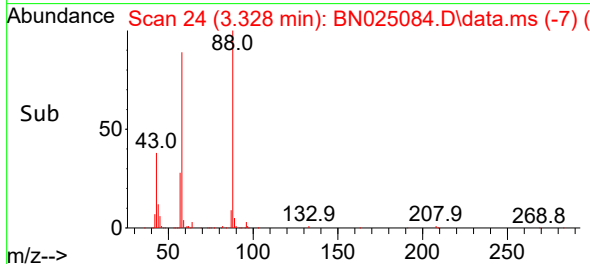
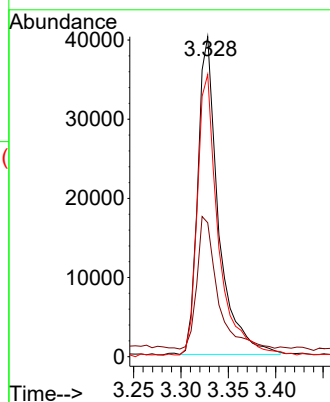
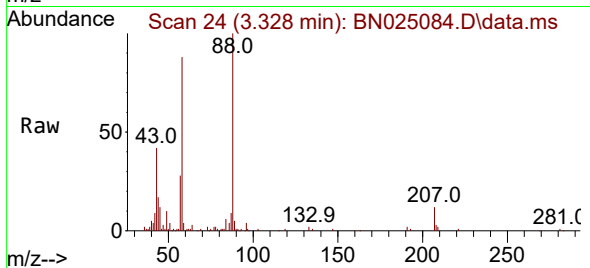
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#2
1,4-Dioxane
Concen: 9.967 ng/uL
RT: 3.328 min Scan# 24
Delta R.T. -0.000 min
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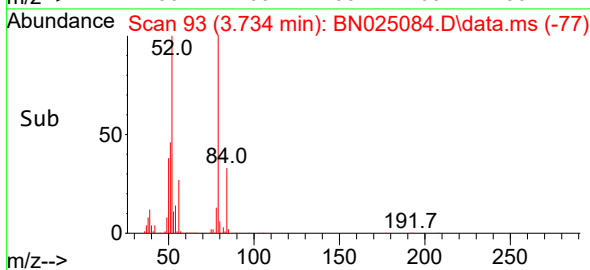
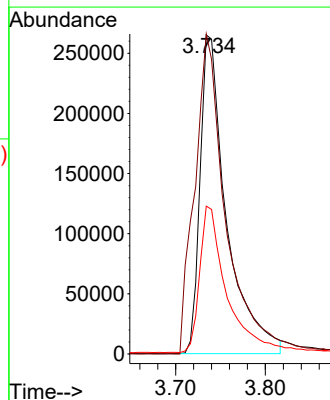
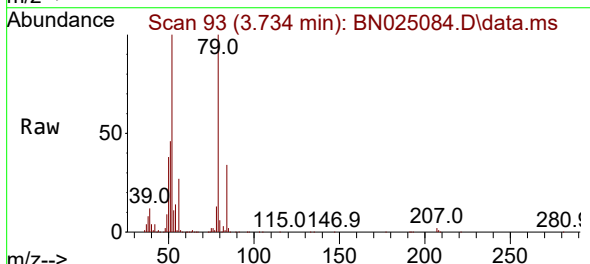
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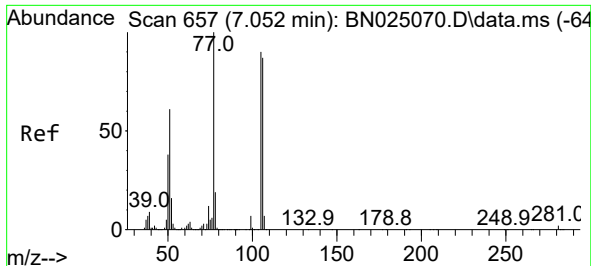
Tgt Ion: 88 Resp: 61003
Ion Ratio Lower Upper
88 100
43 41.8 33.0 49.4
58 88.2 72.3 108.5



#5
Pyridine
Concen: 30.952 ng/uL
RT: 3.734 min Scan# 93
Delta R.T. -0.006 min
Lab File: BN025084.D
Acq: 22 Apr 2023 19:54

Tgt Ion: 79 Resp: 543106
Ion Ratio Lower Upper
79 100
52 100.3 76.1 114.1
51 46.3 35.8 53.6

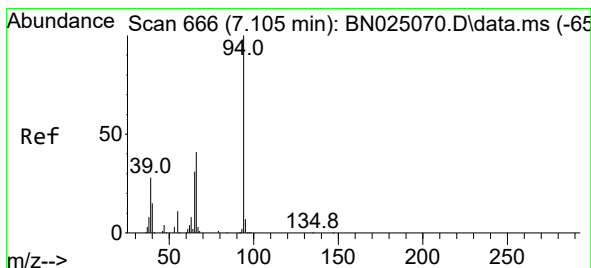
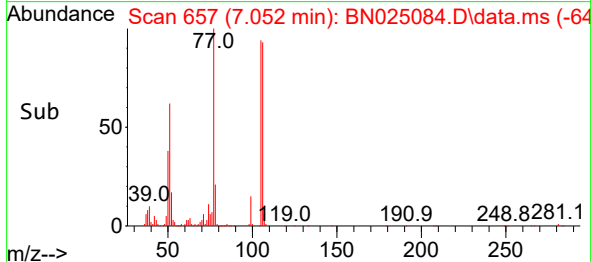
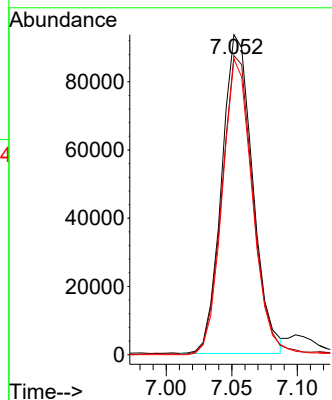
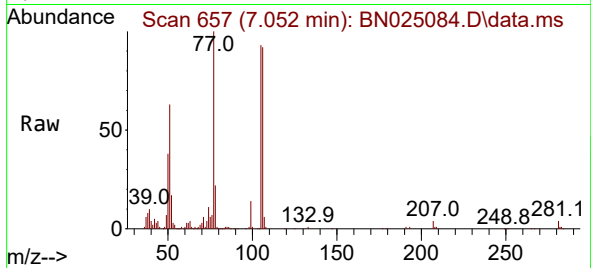




#6
Benzaldehyde
Concen: 14.940 ng/ul
RT: 7.052 min Scan# 657
Delta R.T. -0.000 min
Lab File: BN025084.D
Acq: 22 Apr 2023 19:54

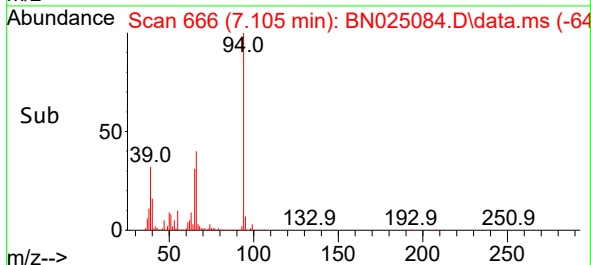
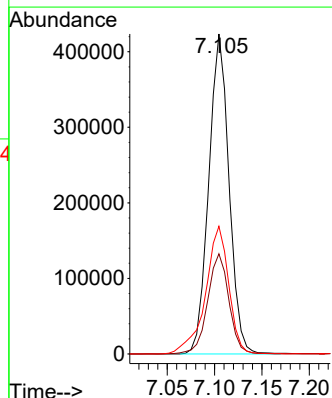
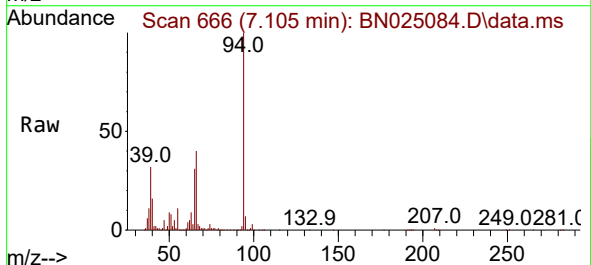
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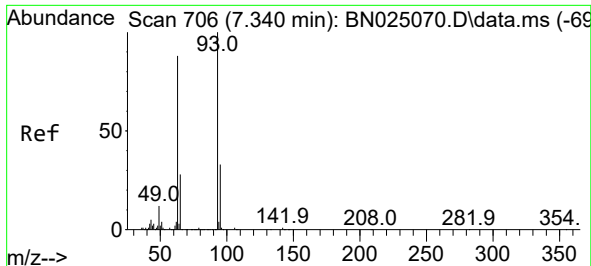
Tgt Ion: 77 Resp: 153629
Ion Ratio Lower Upper
77 100
105 93.4 74.3 111.5
106 92.4 73.3 109.9



#8
Phenol
Concen: 28.772 ng/ul
RT: 7.105 min Scan# 666
Delta R.T. -0.000 min
Lab File: BN025084.D
Acq: 22 Apr 2023 19:54

Tgt Ion: 94 Resp: 630622
Ion Ratio Lower Upper
94 100
65 31.3 25.1 37.7
66 39.9 31.9 47.9

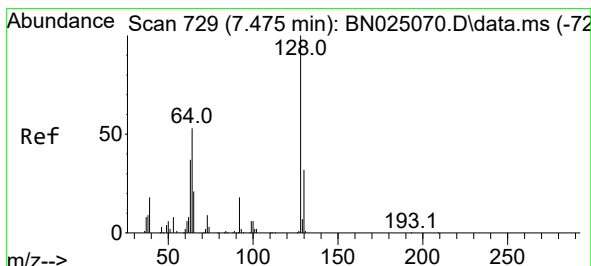
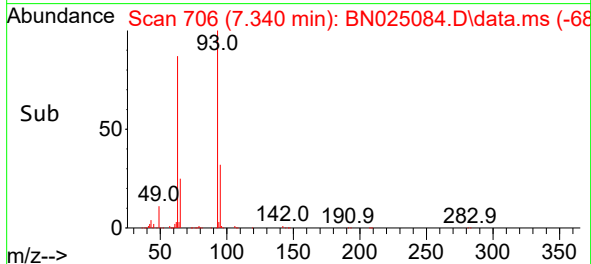
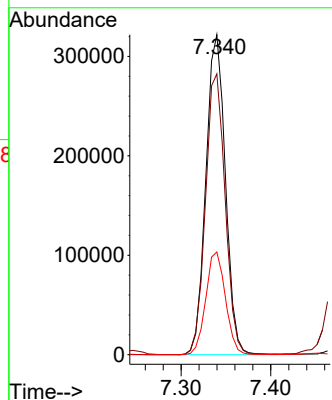
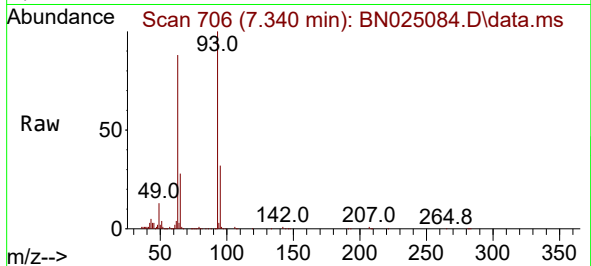




#10
 Bis(2-Chloroethyl)ether
 Concen: 28.258 ng/ul
 RT: 7.340 min Scan# 706
 Delta R.T. -0.000 min
 Lab File: BN025084.D
 Acq: 22 Apr 2023 19:54

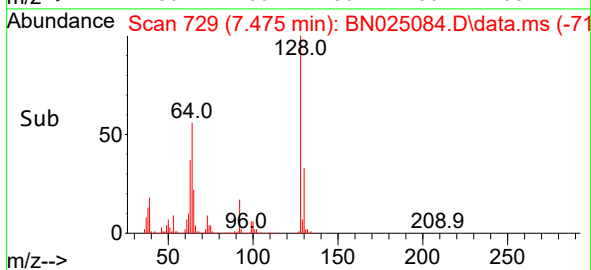
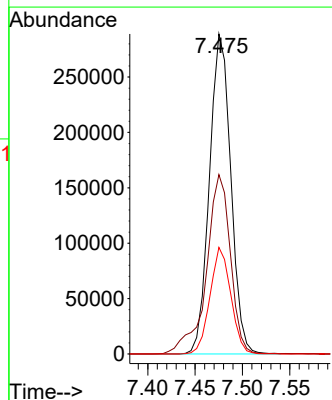
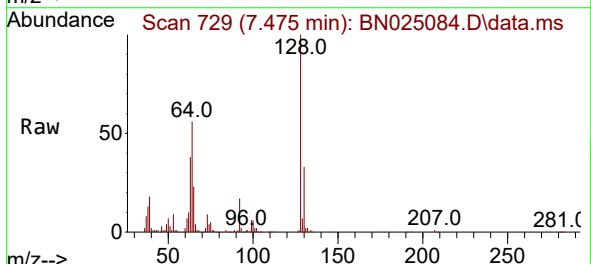
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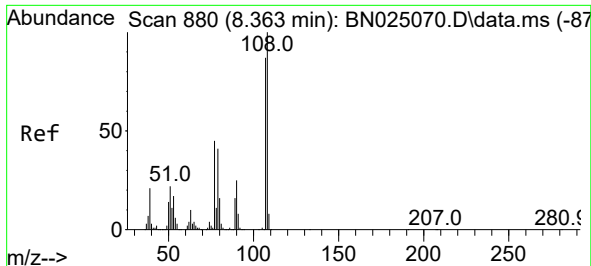
Tgt Ion: 93 Resp: 486244
 Ion Ratio Lower Upper
 93 100
 63 87.7 70.9 106.3
 95 32.1 26.0 39.0



#12
 2-Chlorophenol
 Concen: 28.088 ng/ul
 RT: 7.475 min Scan# 729
 Delta R.T. -0.000 min
 Lab File: BN025084.D
 Acq: 22 Apr 2023 19:54

Tgt Ion:128 Resp: 453713
 Ion Ratio Lower Upper
 128 100
 64 56.0 44.8 67.2
 130 33.3 26.6 39.8





#13

2-Methylphenol

Concen: 28.733 ng/ul

RT: 8.363 min Scan# 880

Delta R.T. -0.000 min

Lab File: BN025084.D

Acq: 22 Apr 2023 19:54

Instrument :

BNA_N

ClientSampleId :

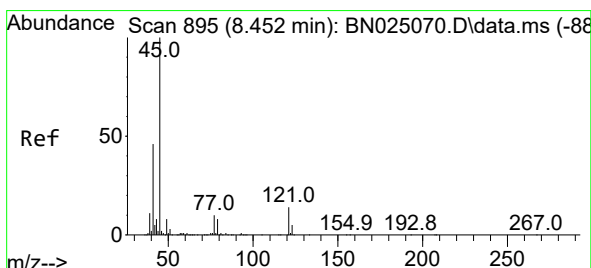
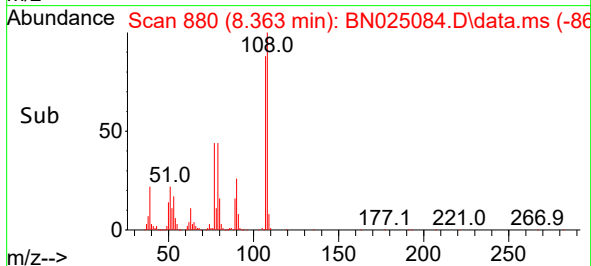
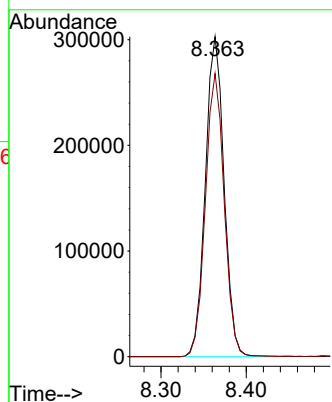
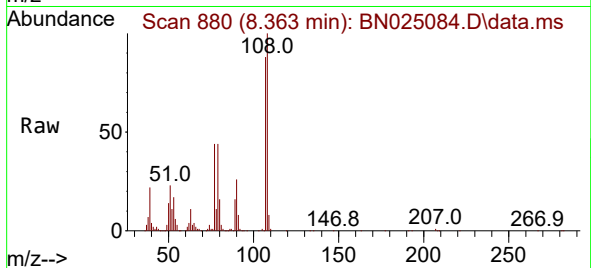
SLCS281

Tgt Ion:108 Resp: 462365

Ion Ratio Lower Upper

108 100

107 88.5 71.5 107.3



#14

2,2'-oxybis(1-Chloropropane)

Concen: 28.806 ng/ul

RT: 8.452 min Scan# 895

Delta R.T. -0.000 min

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Acq: 22 Apr 2023 19:54

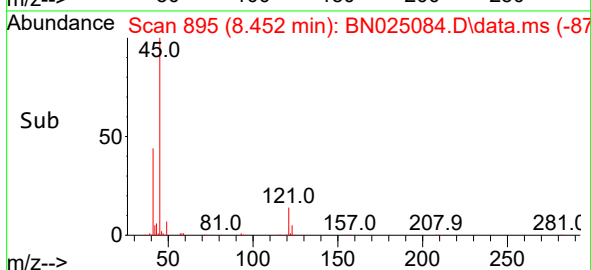
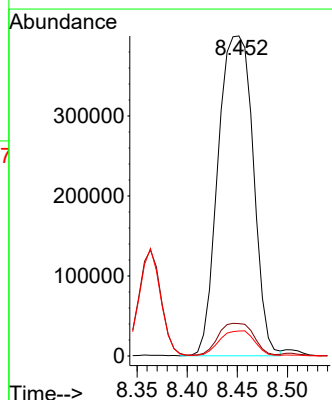
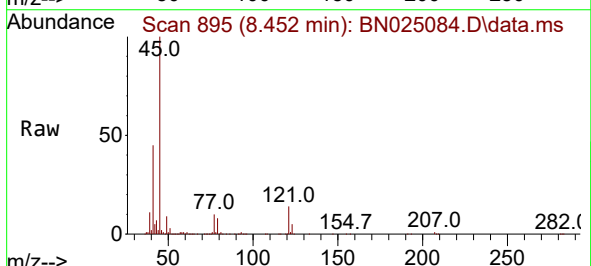
Tgt Ion: 45 Resp: 973302

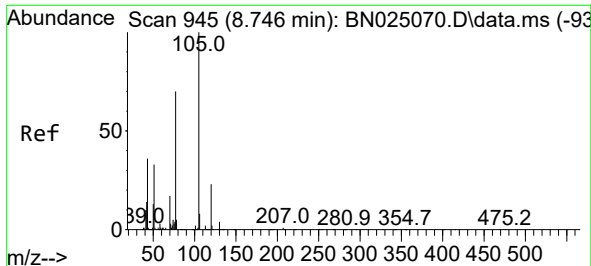
Ion Ratio Lower Upper

45 100

77 10.1 8.4 12.6

79 7.8 6.6 9.8

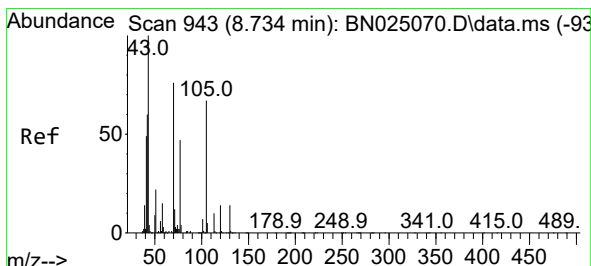
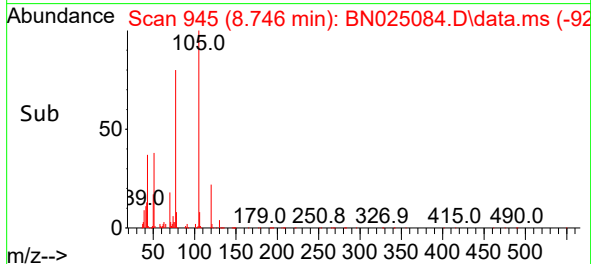
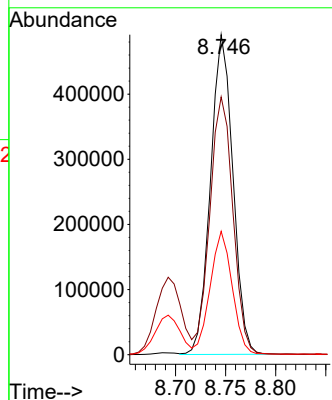
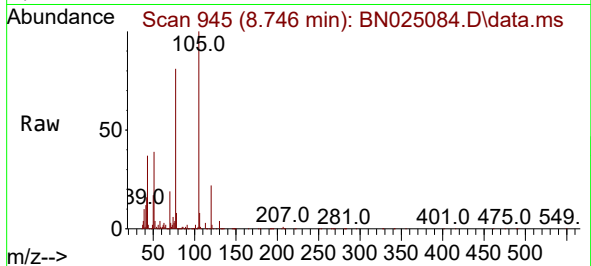




#16
Acetophenone
Concen: 28.946 ng/ul
RT: 8.746 min Scan# 945
Delta R.T. -0.000 min
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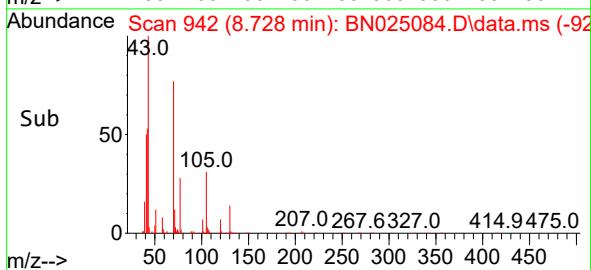
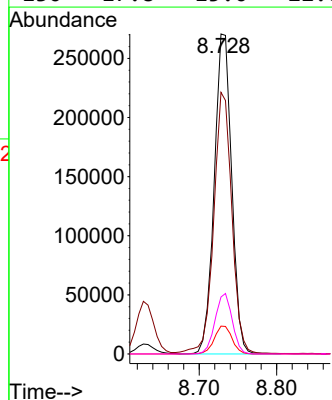
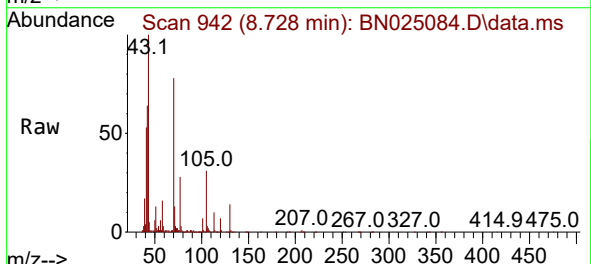
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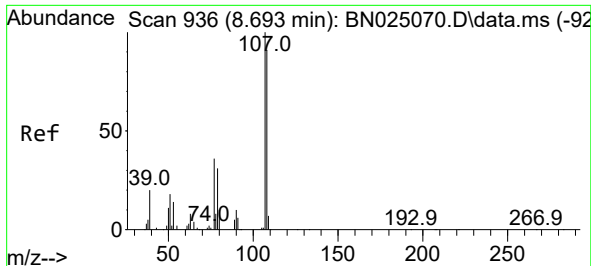
Tgt Ion:105 Resp: 764691
Ion Ratio Lower Upper
105 100
77 80.6 64.8 97.2
51 38.6 28.7 43.1



#17
N-Nitroso-di-n-propylamine
Concen: 29.720 ng/ul
RT: 8.728 min Scan# 942
Delta R.T. -0.006 min
Lab File: BN025084.D
Acq: 22 Apr 2023 19:54

Tgt Ion: 70 Resp: 423506
Ion Ratio Lower Upper
70 100
42 81.8 64.2 96.2
101 8.7 7.3 10.9
130 17.8 15.0 22.6

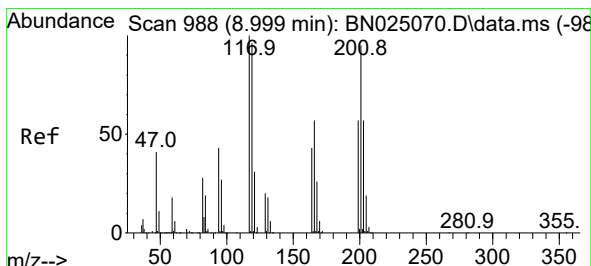
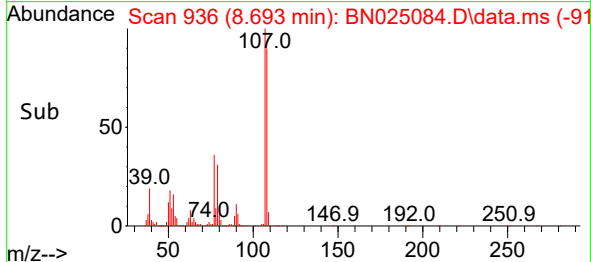
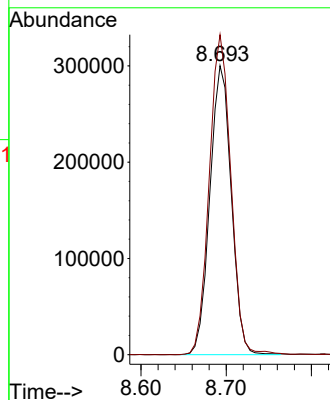
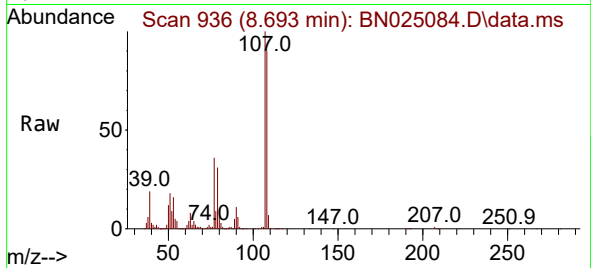




#18
4-Methylphenol
Concen: 29.384 ng/ul
RT: 8.693 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN025084.D
Acq: 22 Apr 2023 19:54

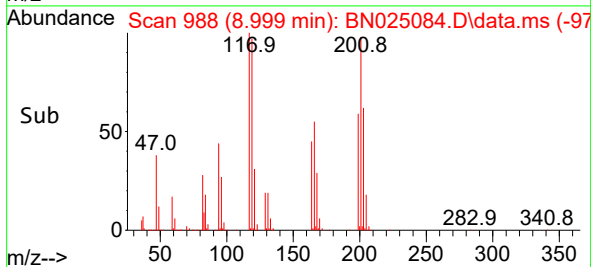
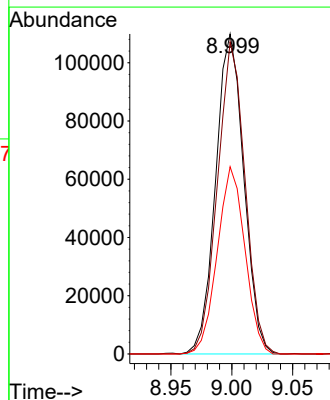
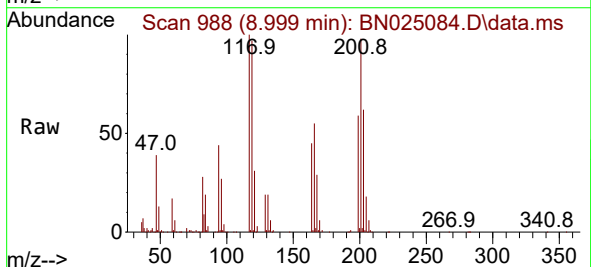
Instrument :
BNA_N
ClientSampleId :
SLCS281

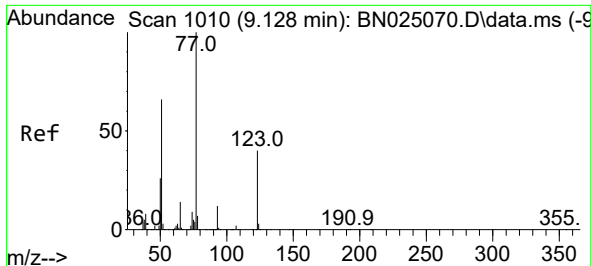
Tgt Ion:108 Resp: 525822
Ion Ratio Lower Upper
108 100
107 110.8 85.8 128.6



#19
Hexachloroethane
Concen: 27.117 ng/ul
RT: 8.999 min Scan# 988
Delta R.T. -0.000 min
Lab File: BN025084.D
Acq: 22 Apr 2023 19:54

Tgt Ion:117 Resp: 176782
Ion Ratio Lower Upper
117 100
201 97.6 72.2 108.4
199 58.5 46.2 69.4

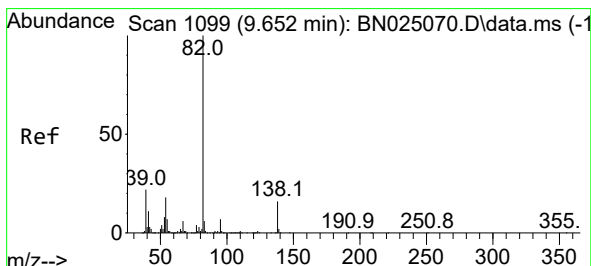
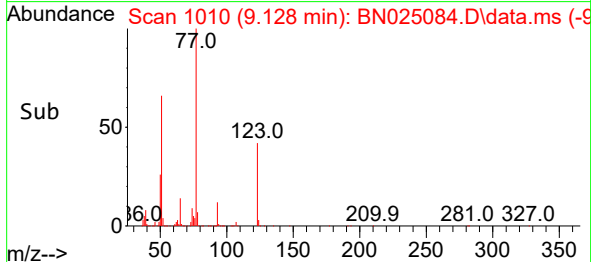
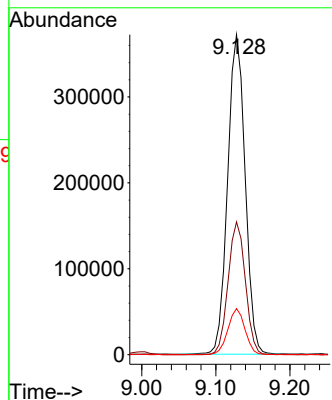
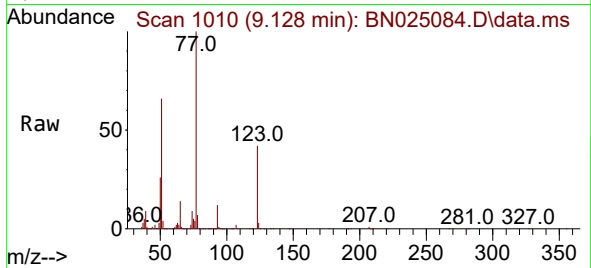




#22
Nitrobenzene
Concen: 27.620 ng/ul
RT: 9.128 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BN025084.D
Acq: 22 Apr 2023 19:54

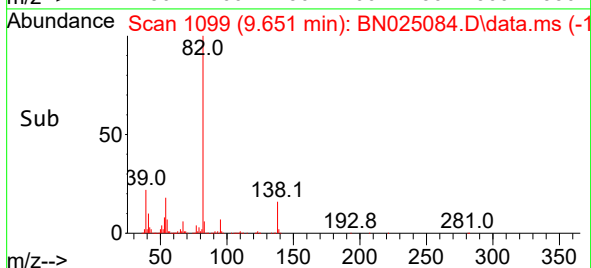
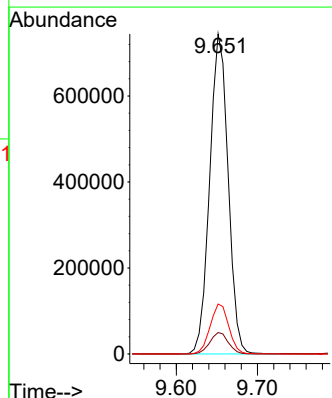
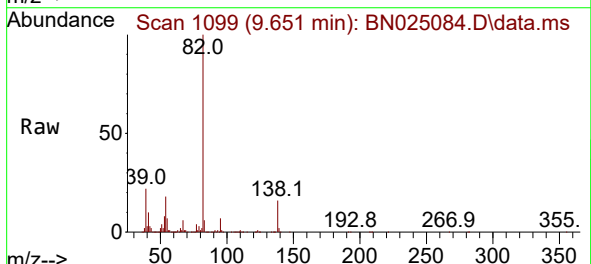
Instrument :
BNA_N
ClientSampleId :
SLCS281

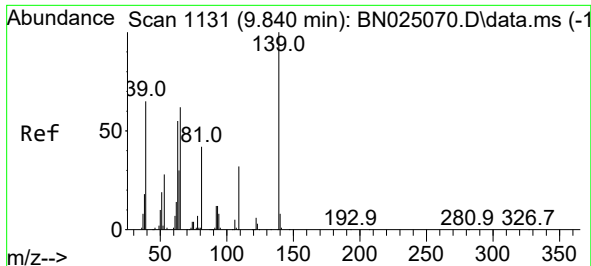
Tgt Ion: 77 Resp: 610685
Ion Ratio Lower Upper
77 100
123 41.5 33.5 50.3
65 14.4 11.8 17.8



#23
Isophorone
Concen: 28.912 ng/ul
RT: 9.651 min Scan# 1099
Delta R.T. -0.000 min
Lab File: BN025084.D
Acq: 22 Apr 2023 19:54

Tgt Ion: 82 Resp: 1173417
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 15.6 12.8 19.2

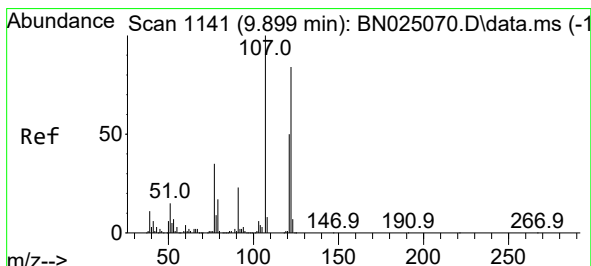
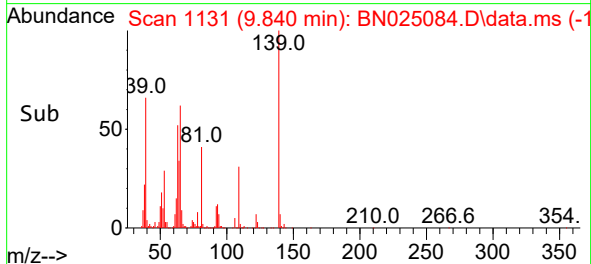
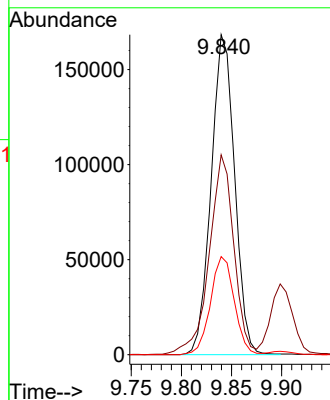
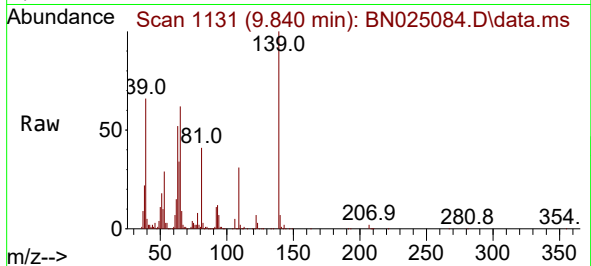




#25
2-Nitrophenol
Concen: 28.539 ng/ul
RT: 9.840 min Scan# 1131
Delta R.T. -0.000 min
Lab File: BN025084.D
Acq: 22 Apr 2023 19:54

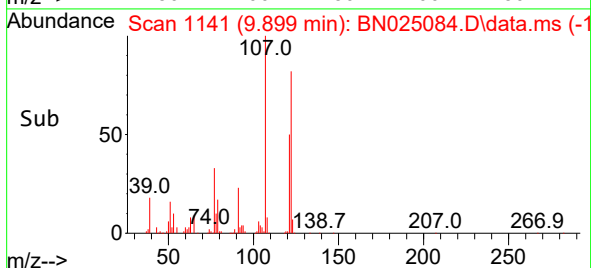
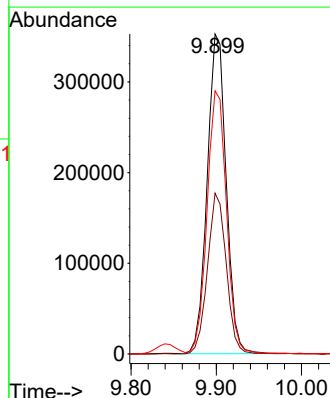
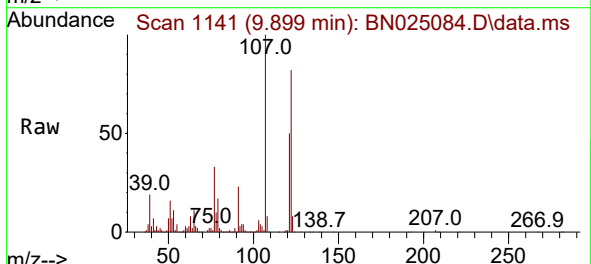
Instrument :
BNA_N
ClientSampleId :
SLCS281

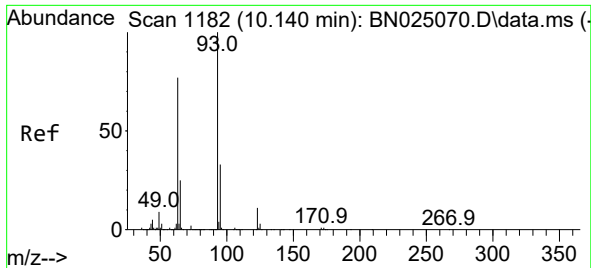
Tgt Ion:139 Resp: 274372
Ion Ratio Lower Upper
139 100
65 62.5 49.8 74.8
109 30.7 26.2 39.2



#26
2,4-Dimethylphenol
Concen: 27.014 ng/ul
RT: 9.899 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BN025084.D
Acq: 22 Apr 2023 19:54

Tgt Ion:107 Resp: 546814
Ion Ratio Lower Upper
107 100
121 50.3 39.7 59.5
122 82.2 66.1 99.1

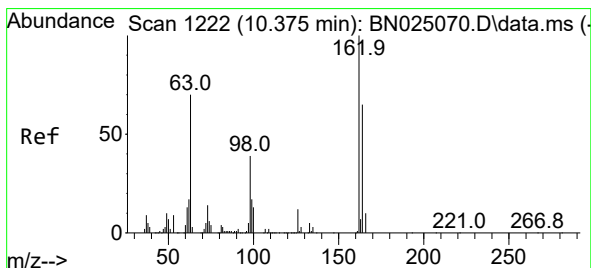
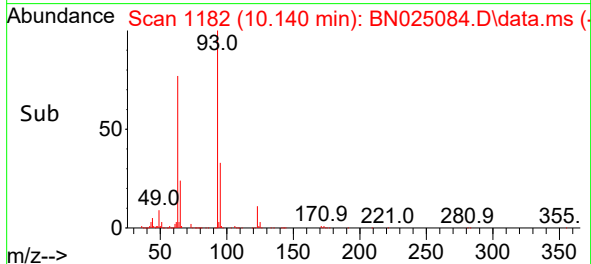
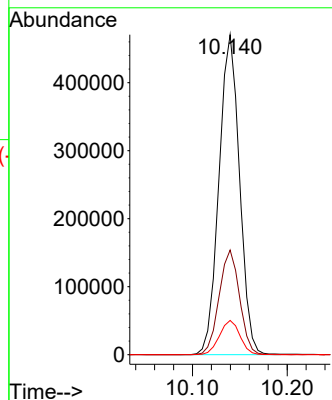
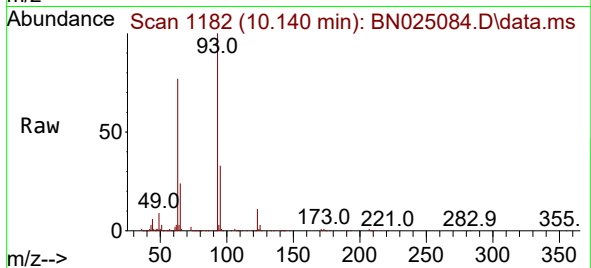




#27
 Bis(2-Chloroethoxy)methane
 Concen: 28.147 ng/ul
 RT: 10.140 min Scan# 1182
 Delta R.T. -0.000 min
 Lab File: BN025084.D
 Acq: 22 Apr 2023 19:54

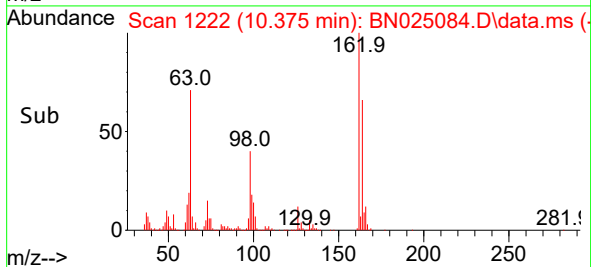
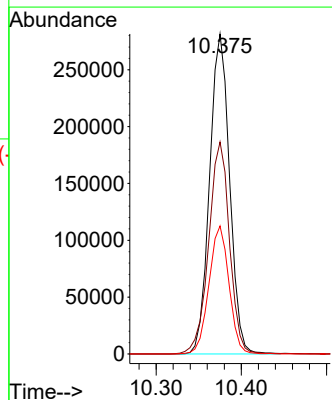
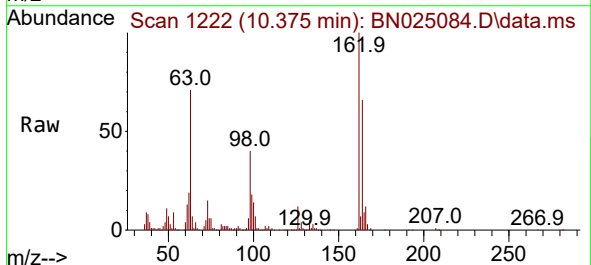
Instrument :
 BNA_N
 ClientSampleId :
 SLCS281

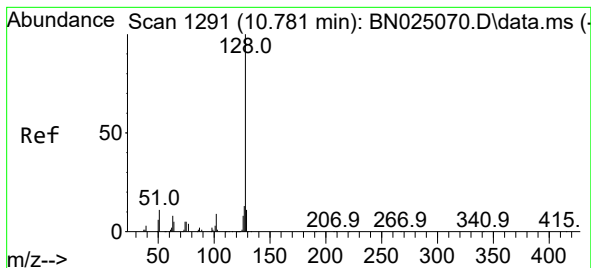
Tgt Ion: 93 Resp: 710927
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.1 39.1
 123 10.7 8.5 12.7



#29
 2,4-Dichlorophenol
 Concen: 28.764 ng/ul
 RT: 10.375 min Scan# 1222
 Delta R.T. -0.000 min
 Lab File: BN025084.D
 Acq: 22 Apr 2023 19:54

Tgt Ion:162 Resp: 459878
 Ion Ratio Lower Upper
 162 100
 164 66.3 50.9 76.3
 98 40.0 31.0 46.4

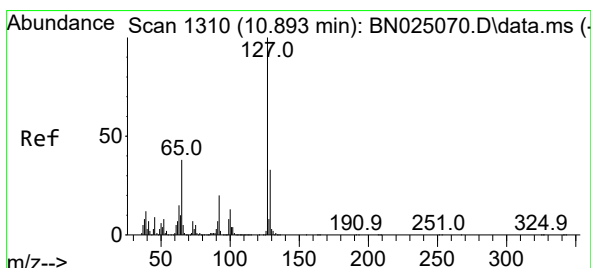
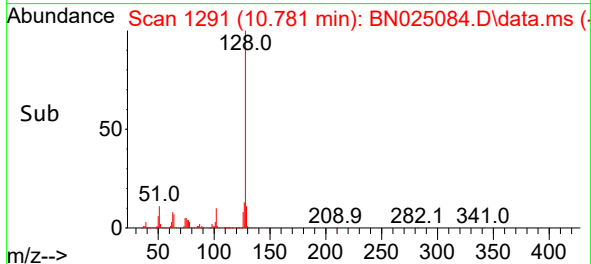
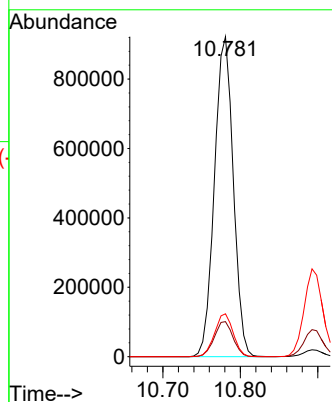
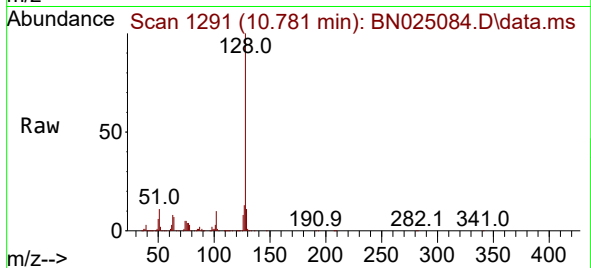




#30
Naphthalene
Concen: 27.377 ng/ul
RT: 10.781 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BN025084.D
Acq: 22 Apr 2023 19:54

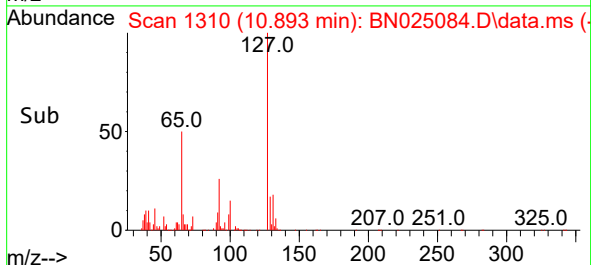
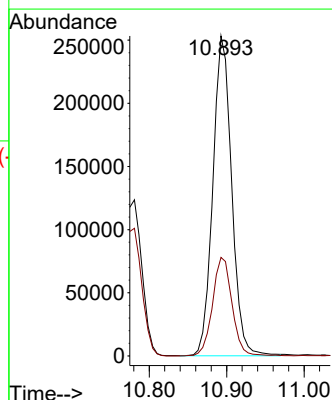
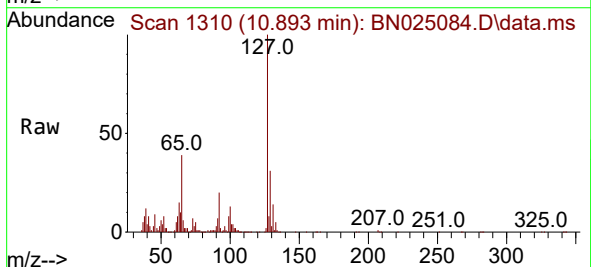
Instrument :
BNA_N
ClientSampleId :
SLCS281

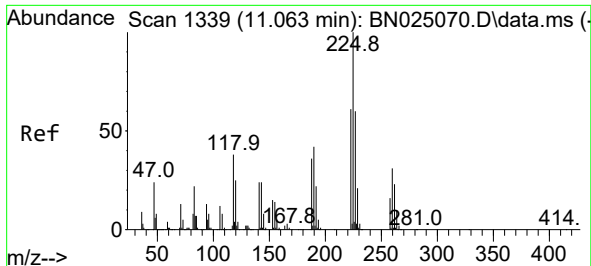
Tgt Ion:128 Resp: 1553816
Ion Ratio Lower Upper
128 100
129 11.0 8.4 12.6
127 13.4 10.7 16.1



#32
4-Chloroaniline
Concen: 17.472 ng/ul
RT: 10.893 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BN025084.D
Acq: 22 Apr 2023 19:54

Tgt Ion:127 Resp: 427586
Ion Ratio Lower Upper
127 100
129 30.8 25.5 38.3

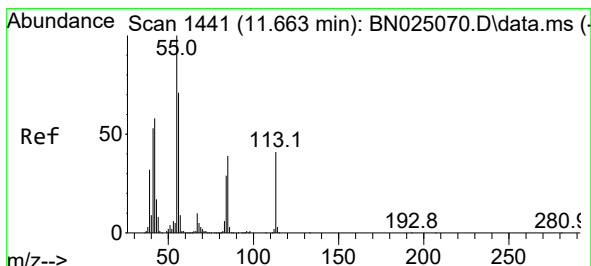
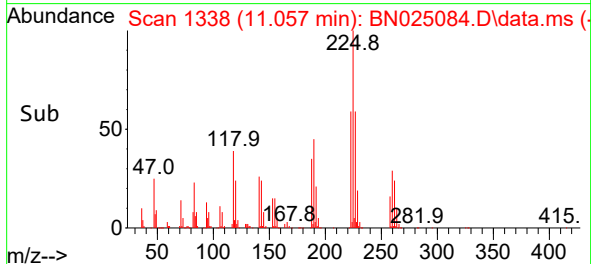
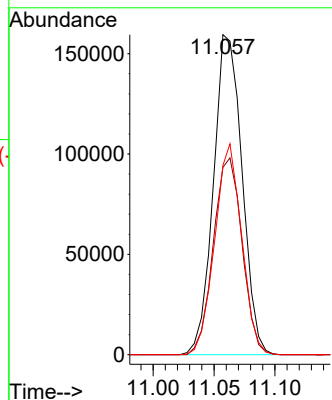
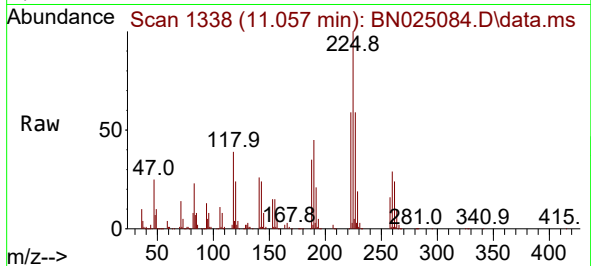




#33
Hexachlorobutadiene
Concen: 27.985 ng/ul
RT: 11.057 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BN025084.D
Acq: 22 Apr 2023 19:54

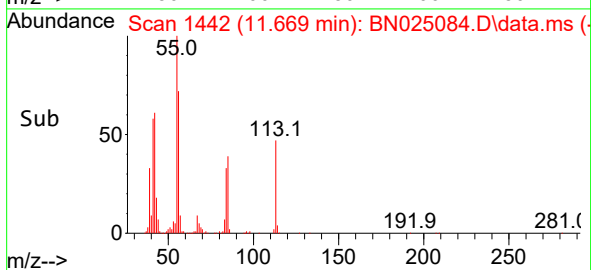
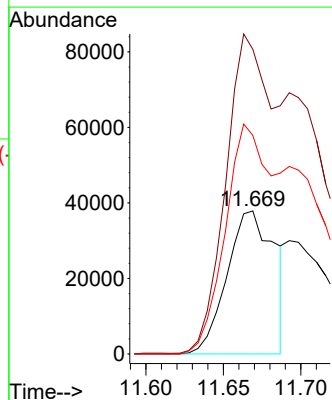
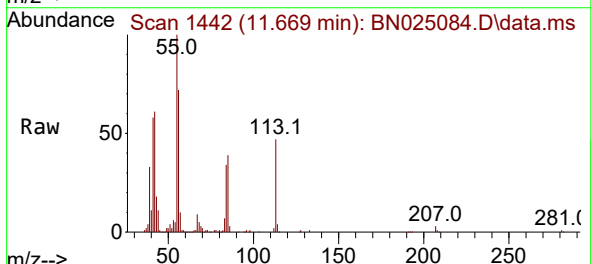
Instrument :
BNA_N
ClientSampleId :
SLCS281

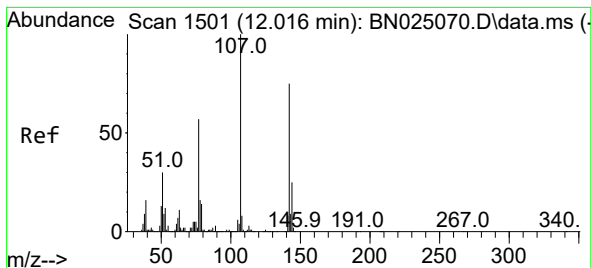
Tgt Ion:225 Resp: 260791
Ion Ratio Lower Upper
225 100
223 58.5 45.9 68.9
227 59.2 51.2 76.8



#34
Caprolactam
Concen: 14.438 ng/ul
RT: 11.669 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BN025084.D
Acq: 22 Apr 2023 19:54

Tgt Ion:113 Resp: 80908
Ion Ratio Lower Upper
113 100
55 213.1 188.3 282.5
56 152.8 133.5 200.3

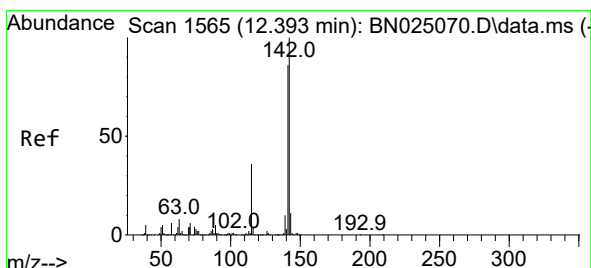
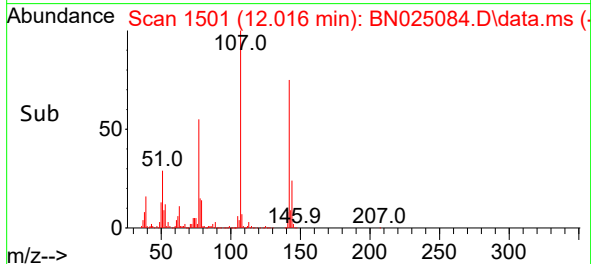
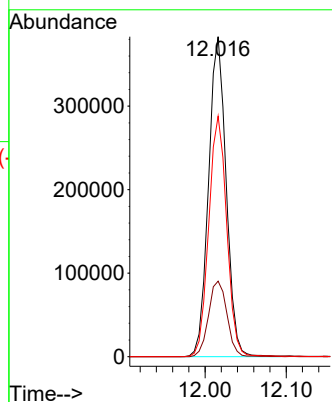
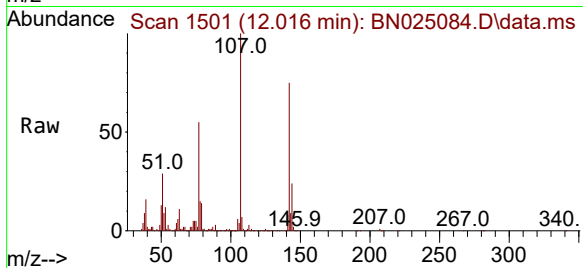




#35
 4-Chloro-3-methylphenol
 Concen: 30.808 ng/ul
 RT: 12.016 min Scan# 1501
 Delta R.T. -0.000 min
 Lab File: BN025084.D
 Acq: 22 Apr 2023 19:54

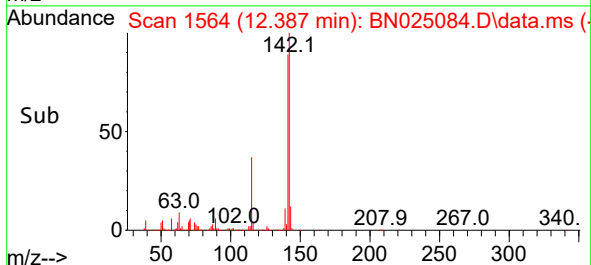
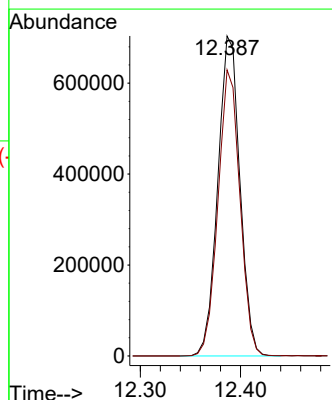
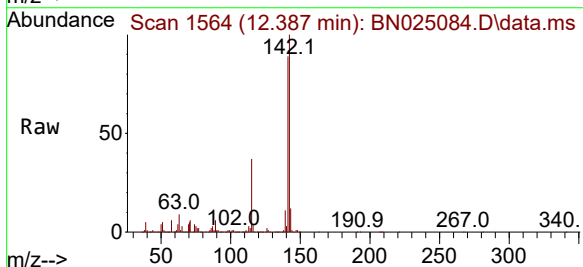
Instrument :
 BNA_N
 ClientSampleId :
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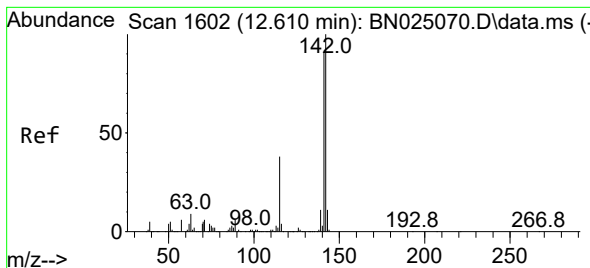
Tgt Ion:107 Resp: 577530
 Ion Ratio Lower Upper
 107 100
 144 23.6 19.6 29.4
 142 75.2 60.7 91.1



#36
 2-Methylnaphthalene
 Concen: 28.661 ng/ul
 RT: 12.387 min Scan# 1564
 Delta R.T. -0.006 min
 Lab File: BN025084.D
 Acq: 22 Apr 2023 19:54

Tgt Ion:142 Resp: 1075073
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.4 107.2





#37

1-Methylnaphthalene

Concen: 29.750 ng/ul

RT: 12.610 min Scan# 1602

Delta R.T. -0.000 min

Lab File: BN025084.D

Acq: 22 Apr 2023 19:54

Instrument :

BNA_N

ClientSampleId :

SLCS281

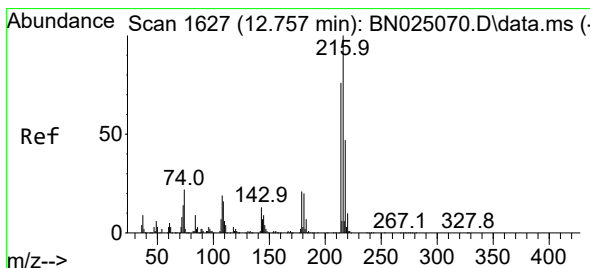
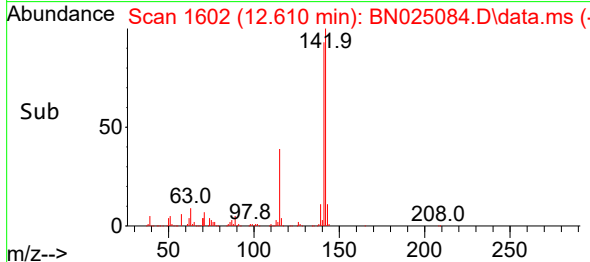
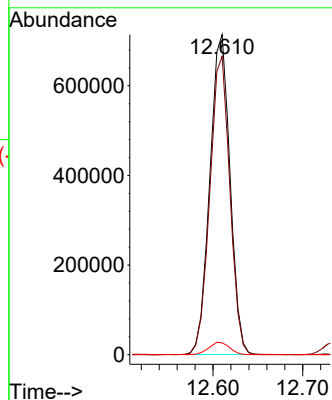
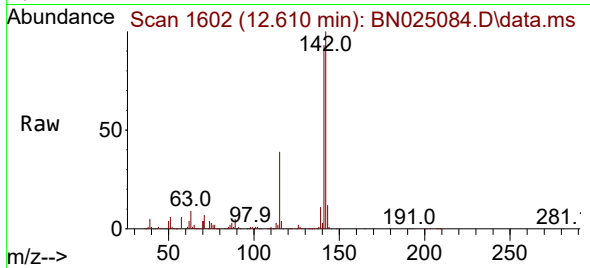
Tgt Ion:142 Resp: 1113965

Ion Ratio Lower Upper

142 100

141 93.2 73.5 110.3

116 3.7 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 28.246 ng/ul

RT: 12.757 min Scan# 1627

Delta R.T. -0.000 min

Lab File: BN025084.D

Acq: 22 Apr 2023 19:54

Tgt Ion:216 Resp: 546822

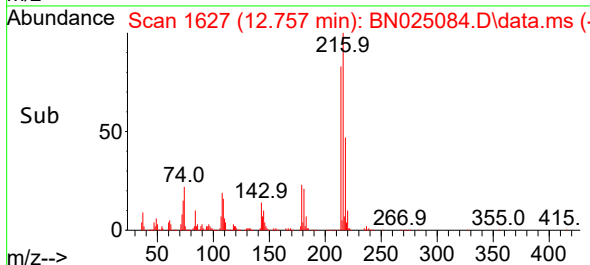
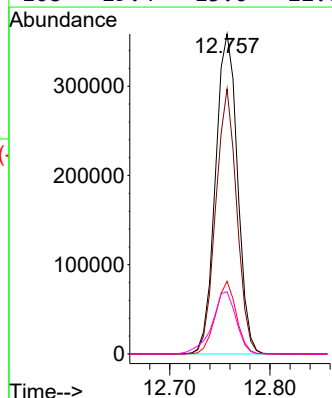
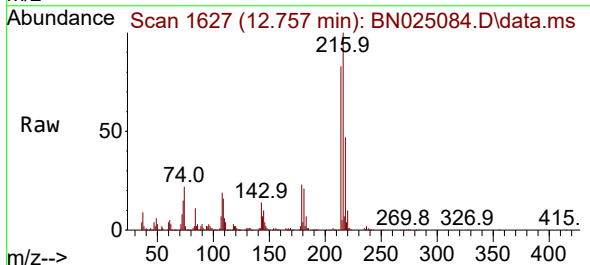
Ion Ratio Lower Upper

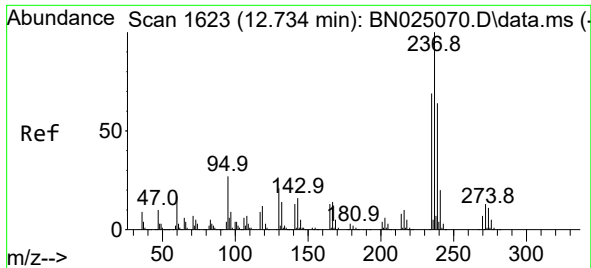
216 100

214 82.8 62.2 93.4

179 22.7 16.8 25.2

108 19.4 15.0 22.6

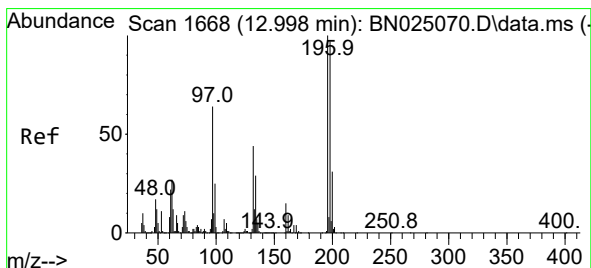
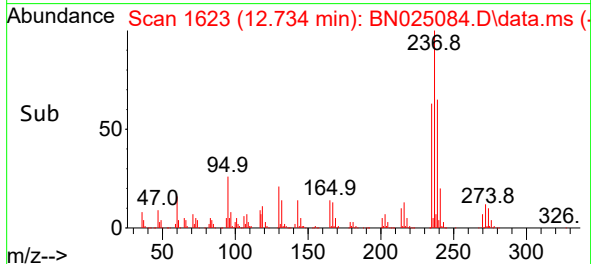
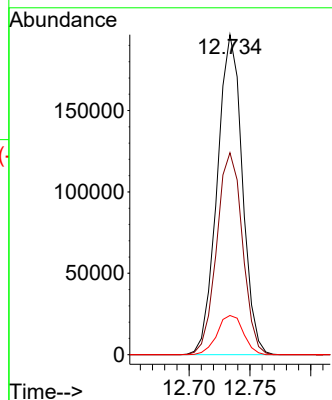
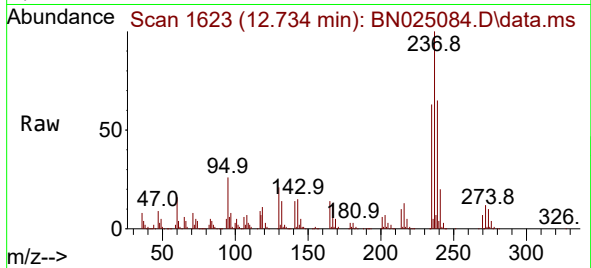




#40
Hexachlorocyclopentadiene
Concen: 23.938 ng/ul
RT: 12.734 min Scan# 1623
Delta R.T. -0.000 min
Lab File: BN025084.D
Acq: 22 Apr 2023 19:54

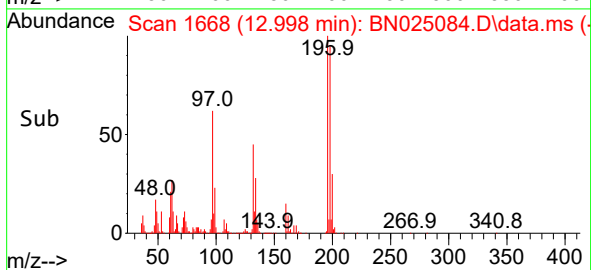
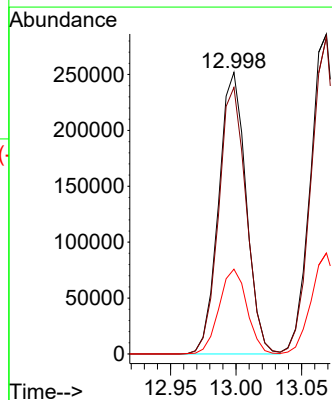
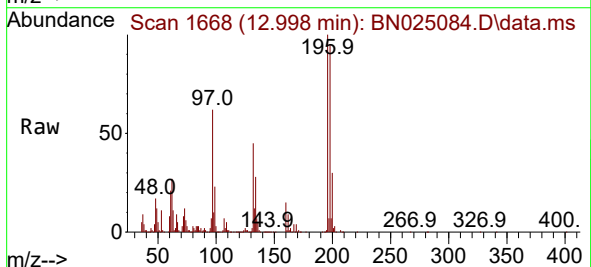
Instrument :
BNA_N
ClientSampleId :
SLCS281

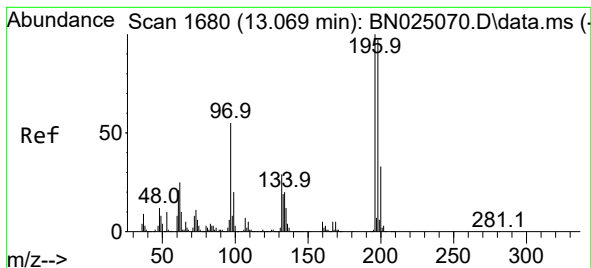
Tgt Ion:237 Resp: 282586
Ion Ratio Lower Upper
237 100
235 63.1 49.9 74.9
272 12.3 10.2 15.4



#41
2,4,6-Trichlorophenol
Concen: 27.753 ng/ul
RT: 12.998 min Scan# 1668
Delta R.T. -0.000 min
Lab File: BN025084.D
Acq: 22 Apr 2023 19:54

Tgt Ion:196 Resp: 367107
Ion Ratio Lower Upper
196 100
198 94.6 74.5 111.7
200 30.1 24.3 36.5





#42

2,4,5-Trichlorophenol

Concen: 29.172 ng/ul

RT: 13.069 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN025084.D

Acq: 22 Apr 2023 19:54

Instrument :

BNA_N

ClientSampleId :

SLCS281

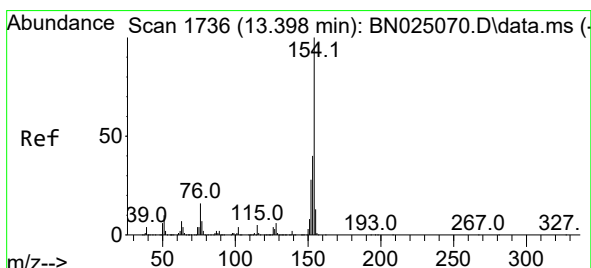
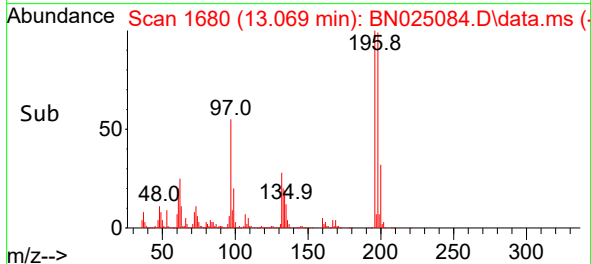
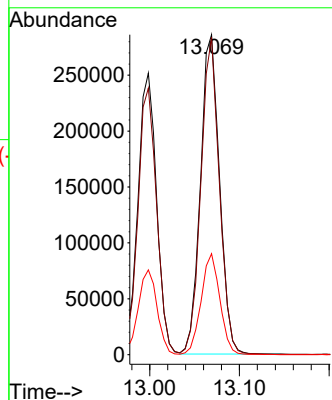
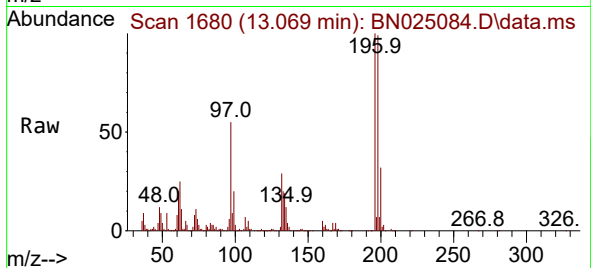
Tgt Ion:196 Resp: 422274

Ion Ratio Lower Upper

196 100

198 99.2 78.2 117.2

200 31.6 24.0 36.0



#43

1,1'-Biphenyl

Concen: 27.631 ng/ul

RT: 13.398 min Scan# 1736

Delta R.T. -0.000 min

Lab File: BN025084.D

Acq: 22 Apr 2023 19:54

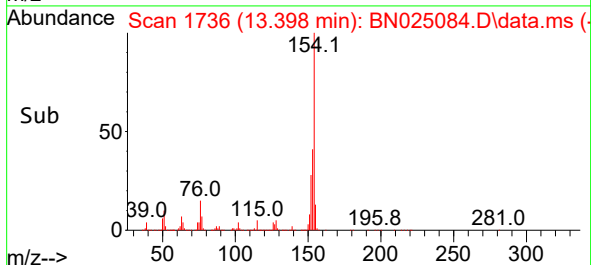
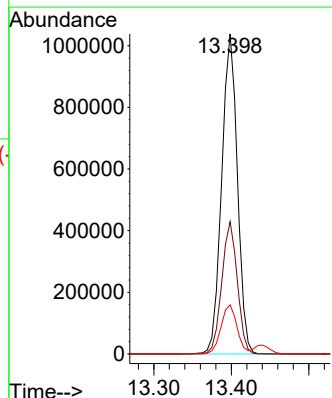
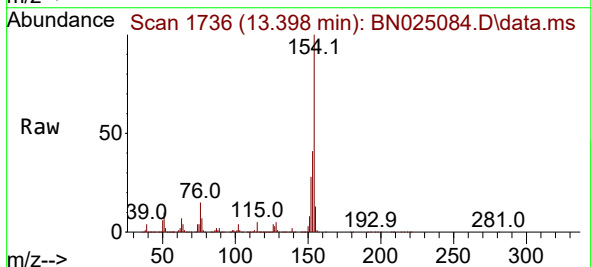
Tgt Ion:154 Resp: 1461154

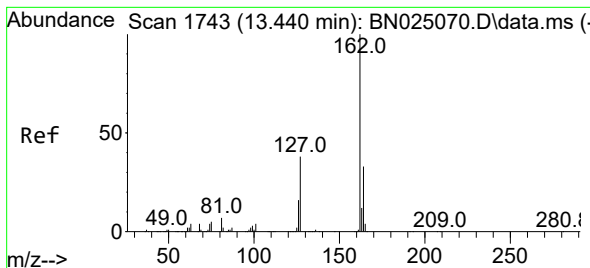
Ion Ratio Lower Upper

154 100

153 41.4 32.2 48.2

76 15.4 12.4 18.6





#44

2-Chloronaphthalene

Concen: 28.166 ng/ul

RT: 13.439 min Scan# 1743

Delta R.T. -0.000 min

Lab File: BN025084.D

Acq: 22 Apr 2023 19:54

Instrument :

BNA_N

ClientSampleId :

SLCS281

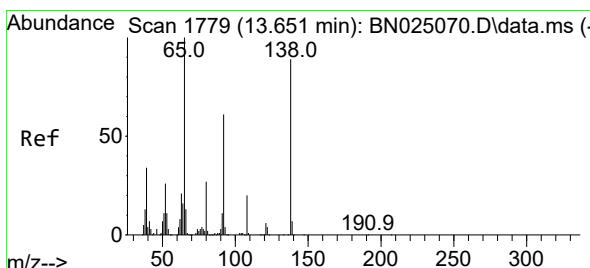
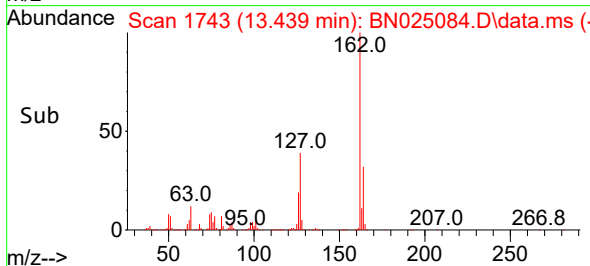
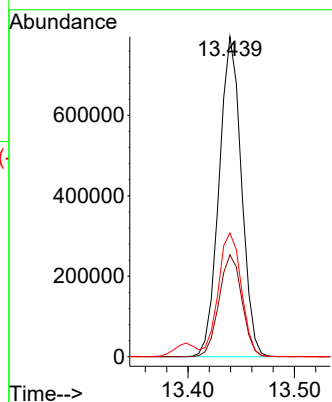
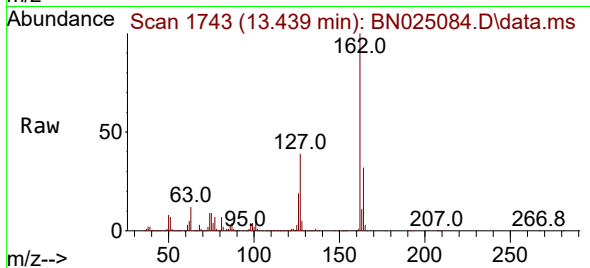
Tgt Ion:162 Resp: 1156498

Ion Ratio Lower Upper

162 100

164 31.9 25.9 38.9

127 38.7 32.9 49.3



#45

2-Nitroaniline

Concen: 29.973 ng/ul

RT: 13.651 min Scan# 1779

Delta R.T. -0.000 min

Lab File: BN025084.D

Acq: 22 Apr 2023 19:54

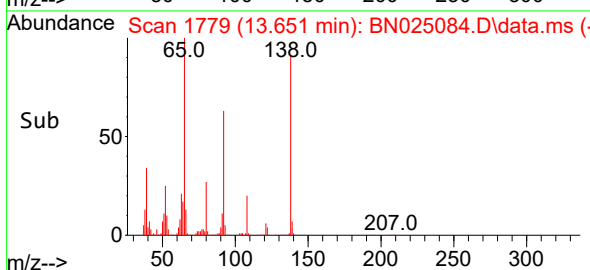
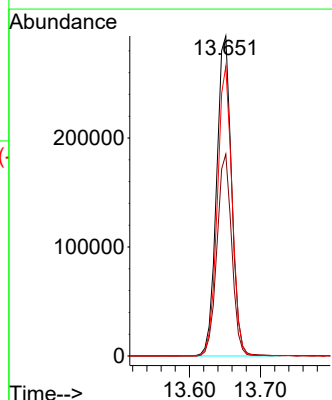
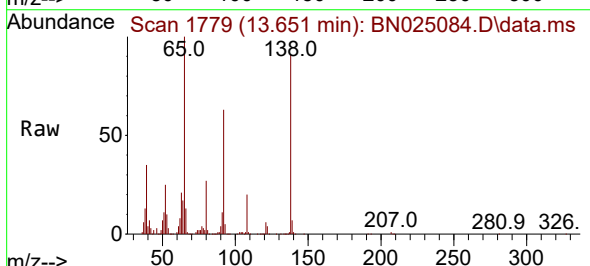
Tgt Ion: 65 Resp: 429745

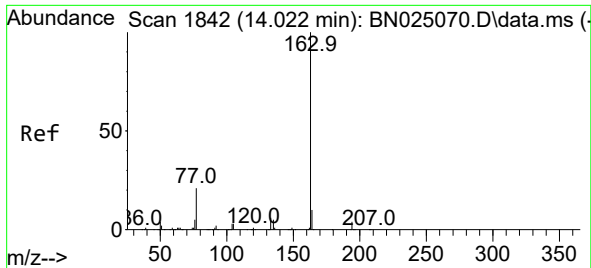
Ion Ratio Lower Upper

65 100

92 63.0 50.7 76.1

138 90.5 71.4 107.2

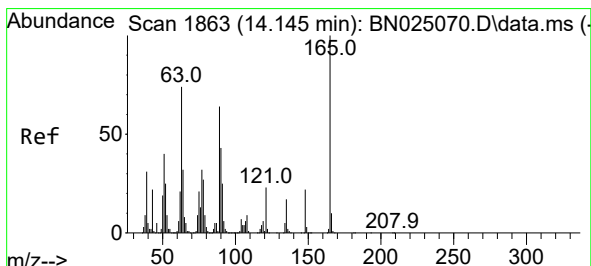
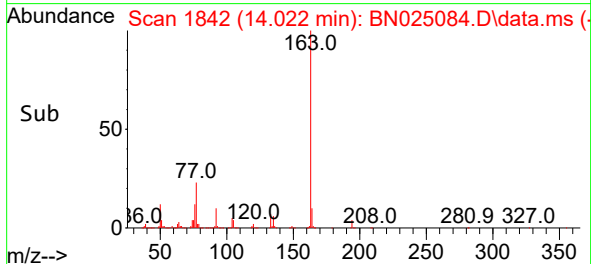
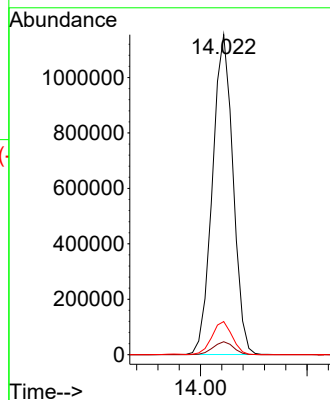
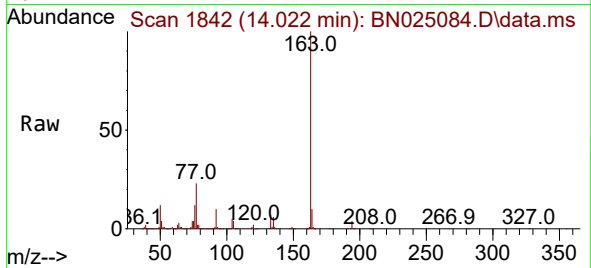




#47
Dimethylphthalate
Concen: 29.924 ng/ul
RT: 14.022 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BN025084.D
Acq: 22 Apr 2023 19:54

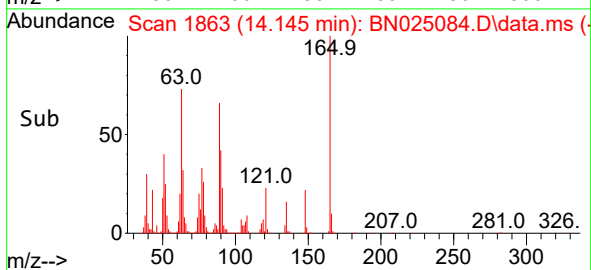
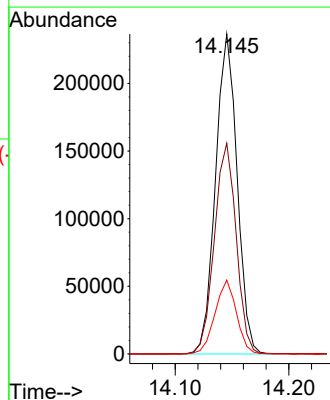
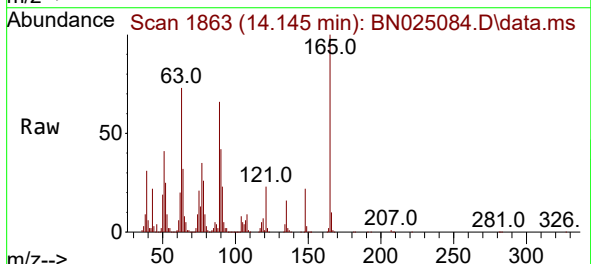
Instrument :
BNA_N
ClientSampleId :
SLCS281

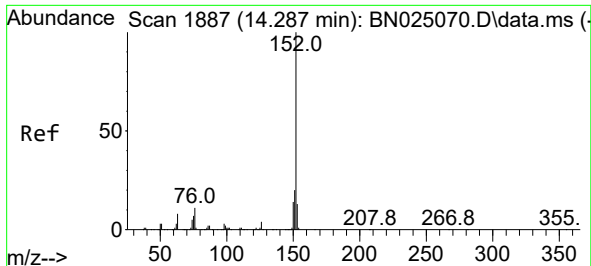
Tgt Ion:163 Resp: 1549129
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.4 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 30.934 ng/ul
RT: 14.145 min Scan# 1863
Delta R.T. -0.000 min
Lab File: BN025084.D
Acq: 22 Apr 2023 19:54

Tgt Ion:165 Resp: 312578
Ion Ratio Lower Upper
165 100
89 65.9 49.8 74.8
121 23.1 17.2 25.8

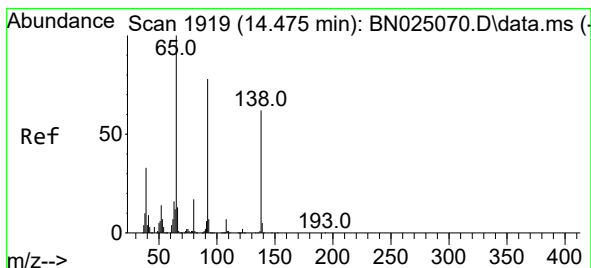
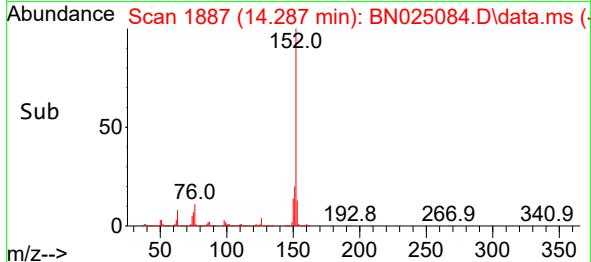
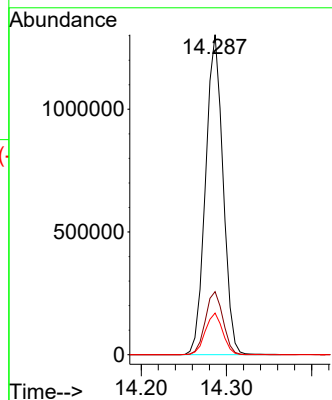
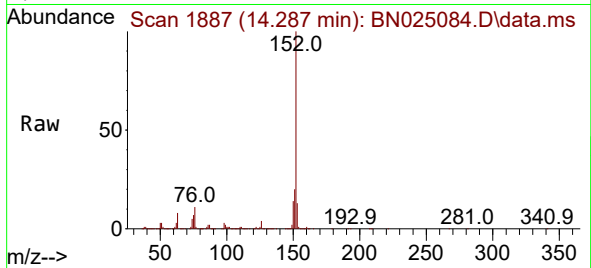




#50
Acenaphthylene
Concen: 28.596 ng/ul
RT: 14.287 min Scan# 1887
Delta R.T. -0.000 min
Lab File: BN025084.D
Acq: 22 Apr 2023 19:54

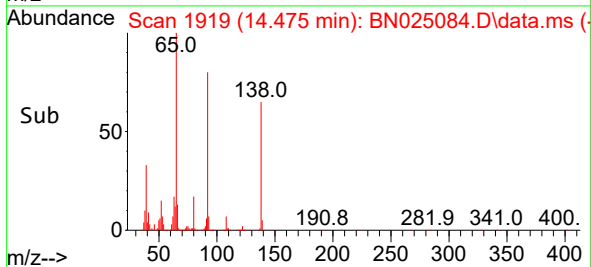
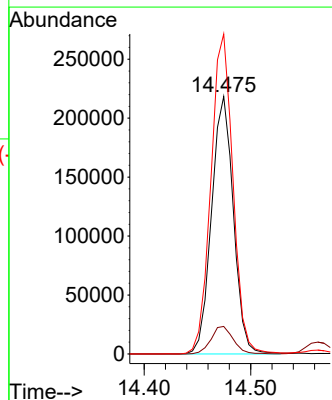
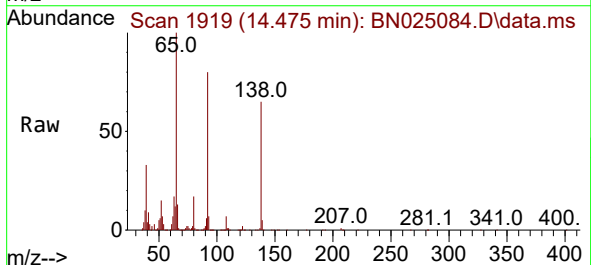
Instrument :
BNA_N
ClientSampleId :
SLCS281

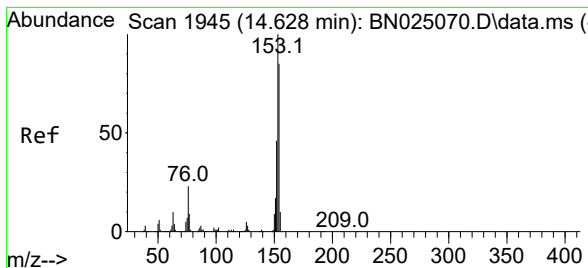
Tgt Ion:152 Resp: 1851830
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.4
153 13.0 10.6 16.0



#51
3-Nitroaniline
Concen: 29.296 ng/ul
RT: 14.475 min Scan# 1919
Delta R.T. -0.000 min
Lab File: BN025084.D
Acq: 22 Apr 2023 19:54

Tgt Ion:138 Resp: 311086
Ion Ratio Lower Upper
138 100
108 10.7 8.6 12.8
92 124.3 99.5 149.3





#52

Acenaphthene

Concen: 28.635 ng/ul

RT: 14.628 min Scan# 1945

Delta R.T. -0.000 min

Lab File: BN025084.D

Acq: 22 Apr 2023 19:54

Instrument :

BNA_N

ClientSampleId :

SLCS281

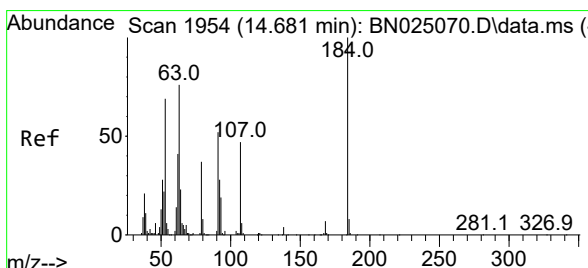
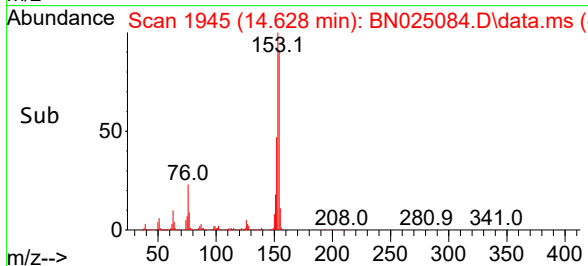
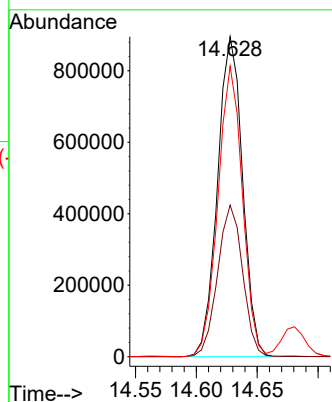
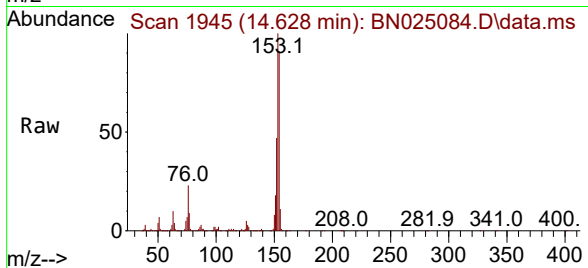
Tgt Ion:153 Resp: 1282004

Ion Ratio Lower Upper

153 100

152 47.4 38.8 58.2

154 90.7 70.3 105.5



#53

2,4-Dinitrophenol

Concen: 28.408 ng/ul

RT: 14.681 min Scan# 1954

Delta R.T. -0.000 min

Lab File: BN025084.D

Acq: 22 Apr 2023 19:54

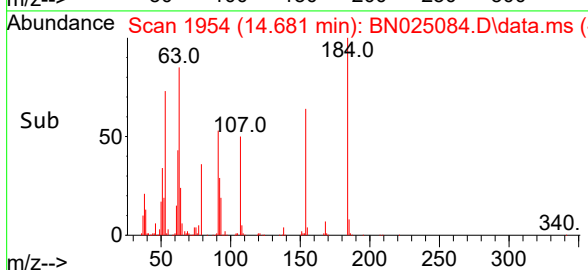
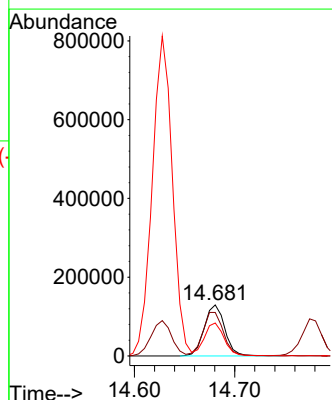
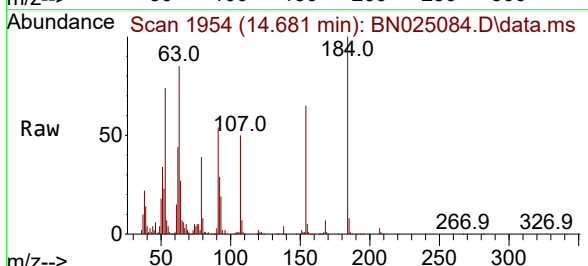
Tgt Ion:184 Resp: 184565

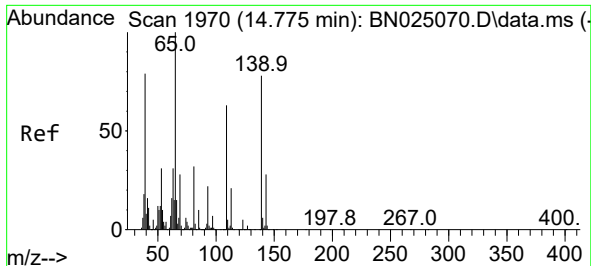
Ion Ratio Lower Upper

184 100

63 85.2 62.6 93.8

154 64.6 50.9 76.3

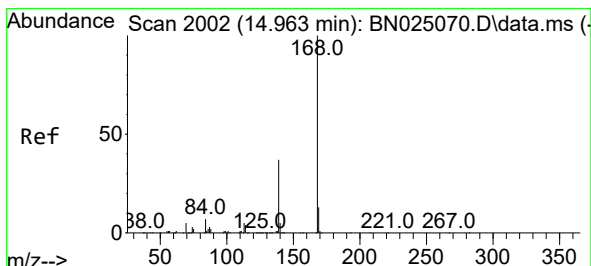
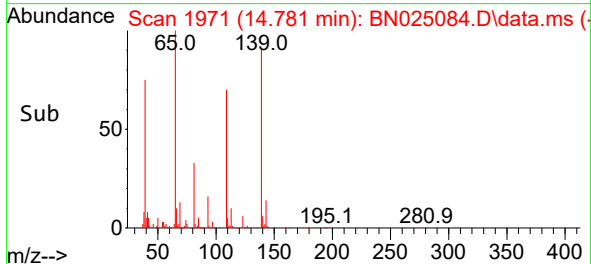
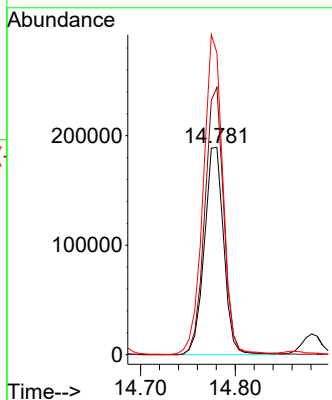
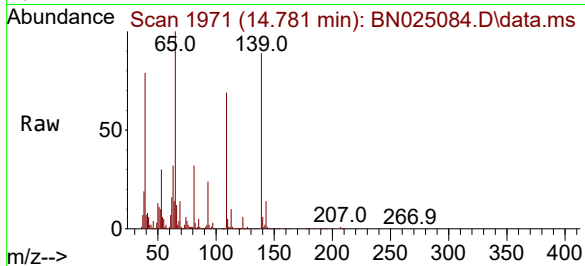




#55
4-Nitrophenol
Concen: 31.435 ng/ul
RT: 14.781 min Scan# 1970
Delta R.T. 0.006 min
Lab File: BN025084.D
Acq: 22 Apr 2023 19:54

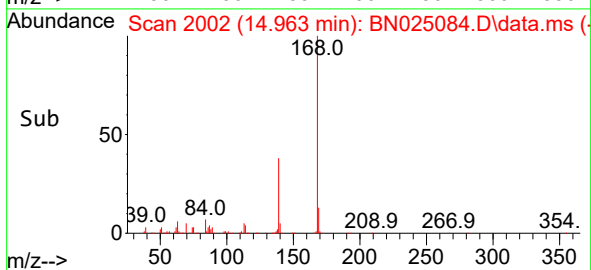
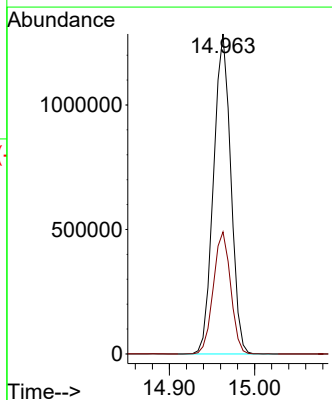
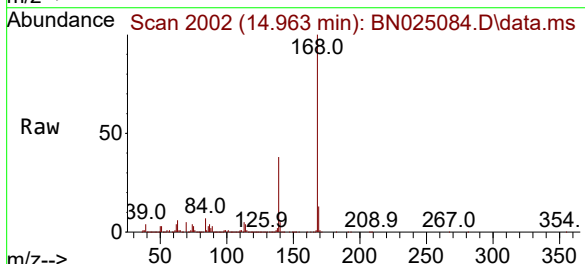
Instrument :
BNA_N
ClientSampleId :
SLCS281

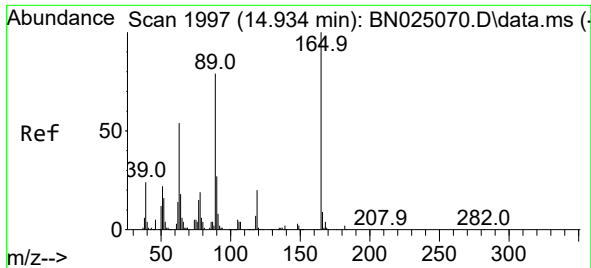
Tgt Ion:109 Resp: 269836
Ion Ratio Lower Upper
109 100
139 129.0 104.3 156.5
65 145.7 124.3 186.5



#56
Dibenzofuran
Concen: 29.280 ng/ul
RT: 14.963 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BN025084.D
Acq: 22 Apr 2023 19:54

Tgt Ion:168 Resp: 1806837
Ion Ratio Lower Upper
168 100
139 38.2 32.1 48.1

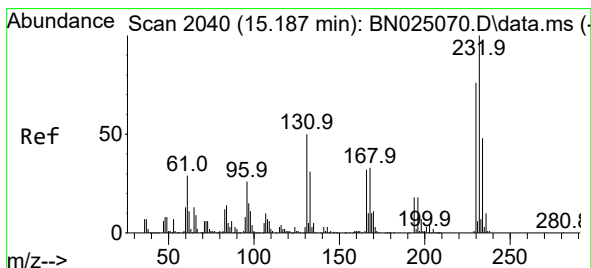
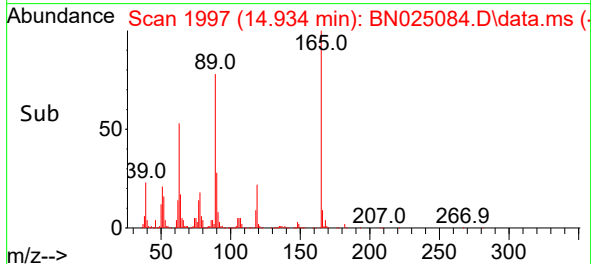
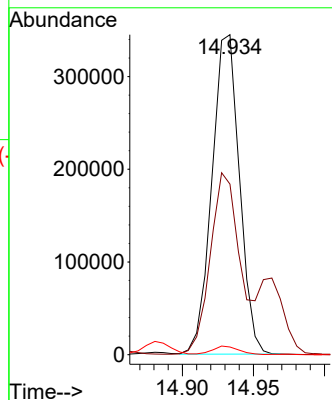
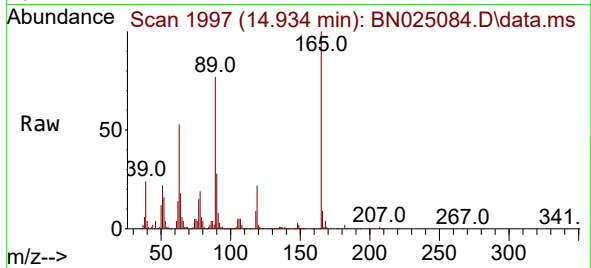




#57
2,4-Dinitrotoluene
Concen: 31.808 ng/ul
RT: 14.934 min Scan# 1997
Delta R.T. -0.000 min
Lab File: BN025084.D
Acq: 22 Apr 2023 19:54

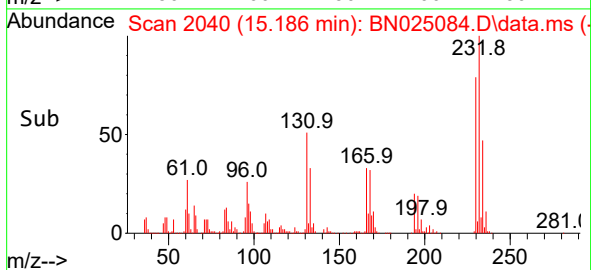
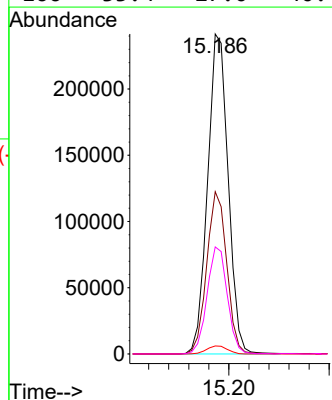
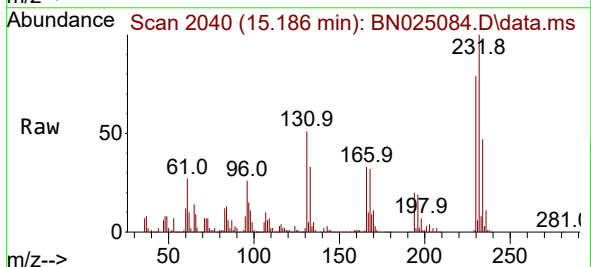
Instrument :
BNA_N
ClientSampleId :
SLCS281

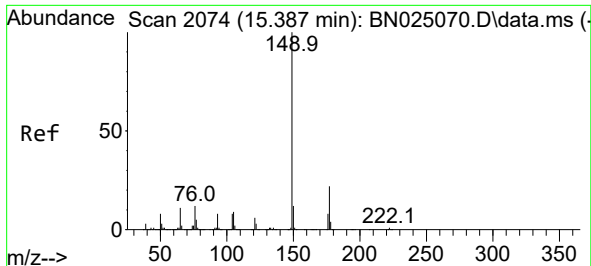
Tgt Ion:165 Resp: 465254
Ion Ratio Lower Upper
165 100
63 53.3 45.4 68.0
182 2.4 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 28.882 ng/ul
RT: 15.186 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BN025084.D
Acq: 22 Apr 2023 19:54

Tgt Ion:232 Resp: 344255
Ion Ratio Lower Upper
232 100
131 50.7 40.6 61.0
130 2.5 2.2 3.2
166 33.4 27.0 40.4





#59

Diethylphthalate

Concen: 31.077 ng/ul

RT: 15.386 min Scan# 2074

Delta R.T. -0.000 min

Lab File: BN025084.D

Acq: 22 Apr 2023 19:54

Instrument :

BNA_N

ClientSampleId :

SLCS281

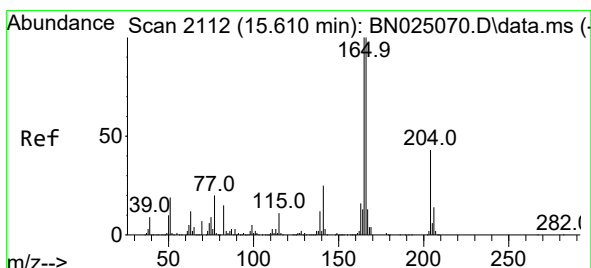
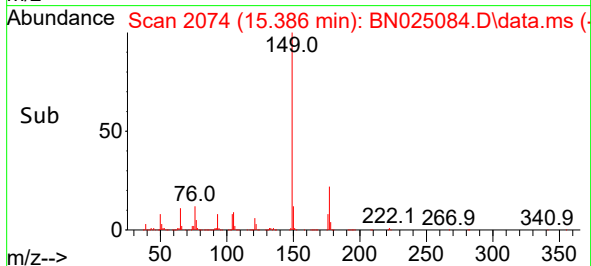
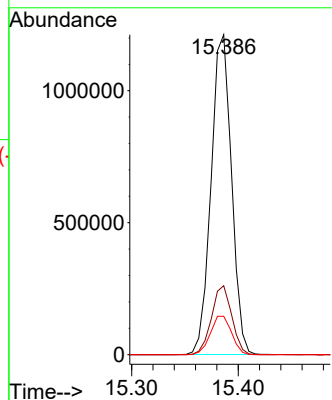
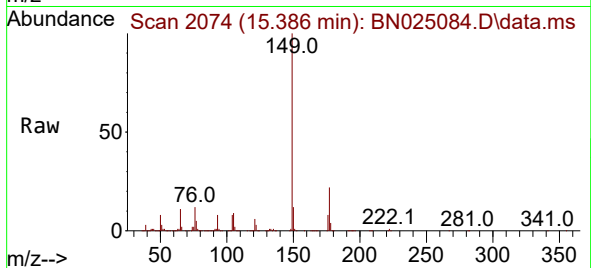
Tgt Ion:149 Resp: 1616582

Ion Ratio Lower Upper

149 100

177 21.6 16.6 24.8

150 12.0 10.1 15.1



#61

Fluorene

Concen: 30.623 ng/ul

RT: 15.610 min Scan# 2112

Delta R.T. -0.000 min

Lab File: BN025084.D

Acq: 22 Apr 2023 19:54

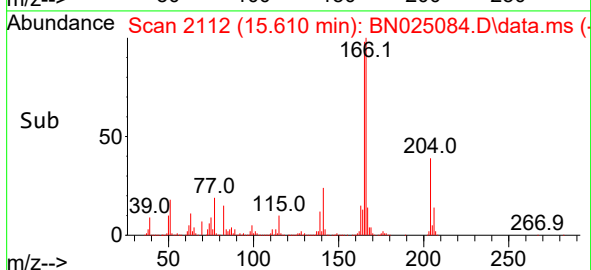
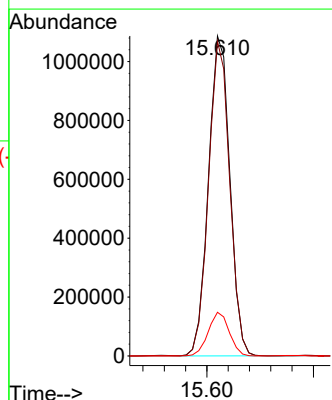
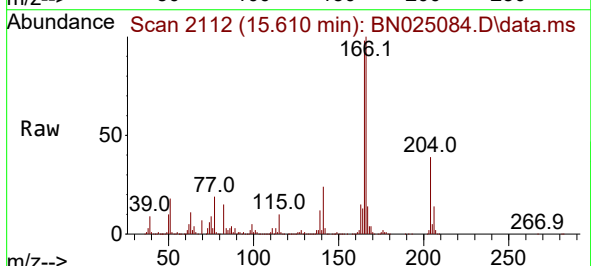
Tgt Ion:166 Resp: 1519987

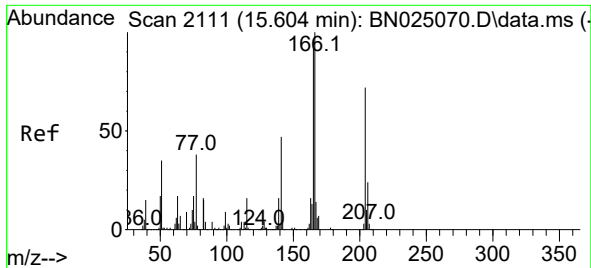
Ion Ratio Lower Upper

166 100

165 98.4 79.1 118.7

167 13.7 10.8 16.2

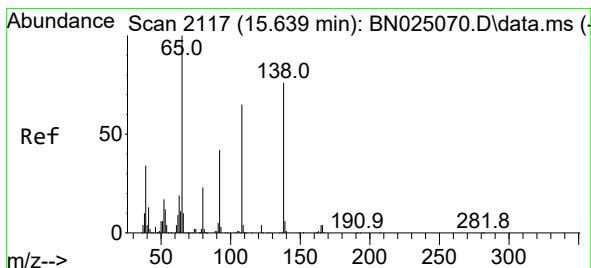
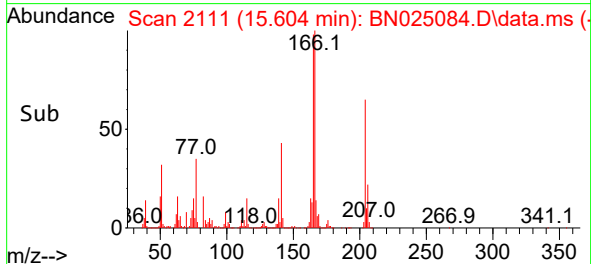
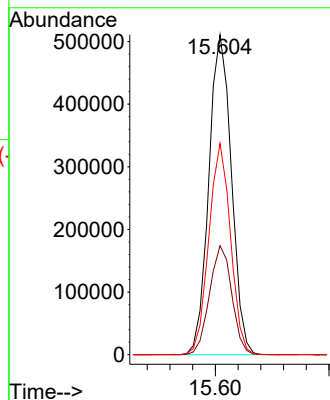
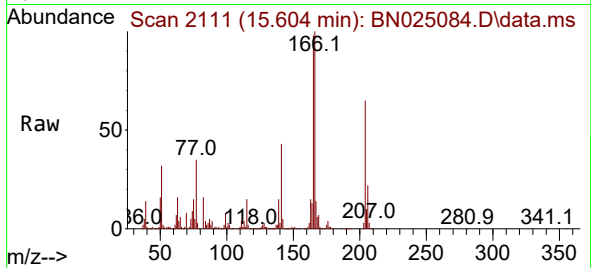




#62
4-Chlorophenyl-phenylether
Concen: 30.502 ng/ul
RT: 15.604 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BN025084.D
Acq: 22 Apr 2023 19:54

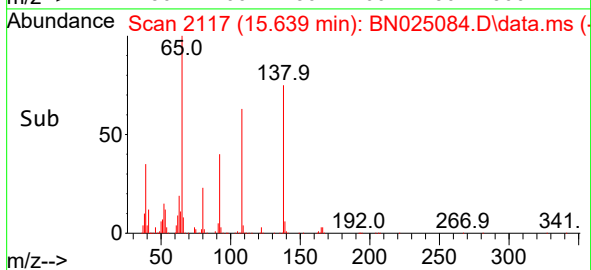
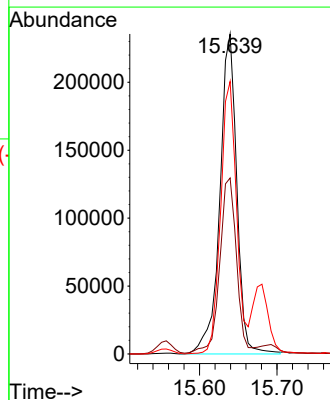
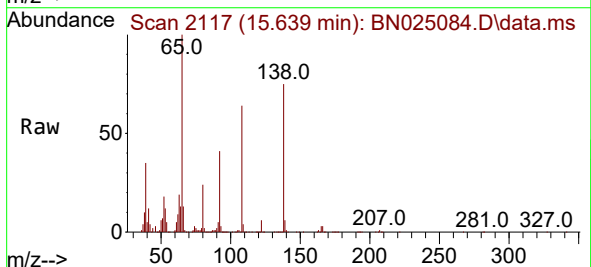
Instrument :
BNA_N
ClientSampleId :
SLCS281

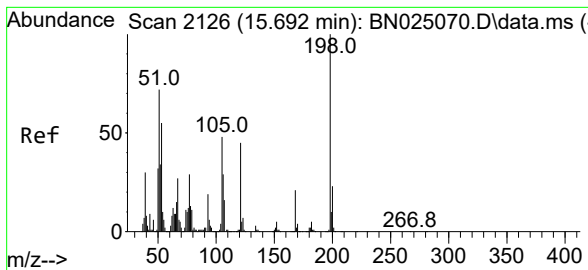
Tgt Ion:204 Resp: 704689
Ion Ratio Lower Upper
204 100
206 34.0 26.0 39.0
141 66.0 51.8 77.8



#63
4-Nitroaniline
Concen: 34.255 ng/ul
RT: 15.639 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN025084.D
Acq: 22 Apr 2023 19:54

Tgt Ion:138 Resp: 358457
Ion Ratio Lower Upper
138 100
92 55.0 43.3 64.9
108 85.2 64.2 96.4

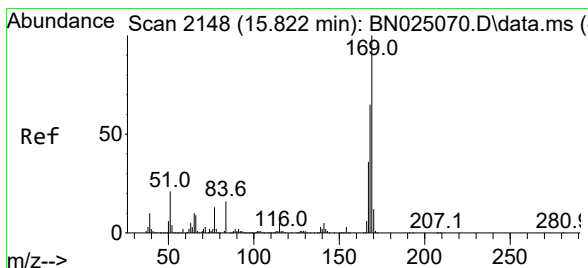
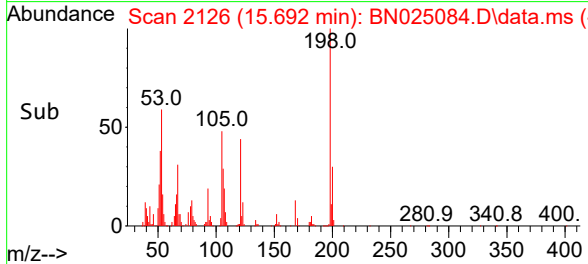
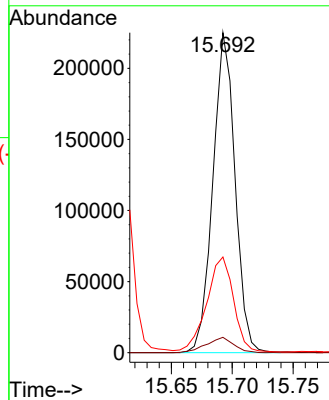
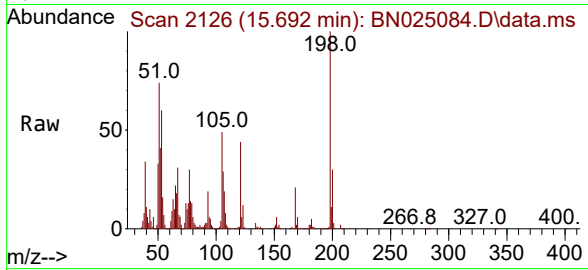




#66
4,6-Dinitro-2-methylphenol
Concen: 30.187 ng/ul
RT: 15.692 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BN025084.D
Acq: 22 Apr 2023 19:54

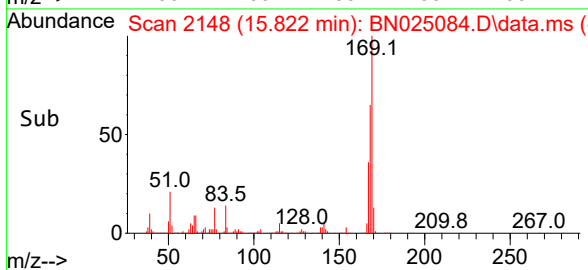
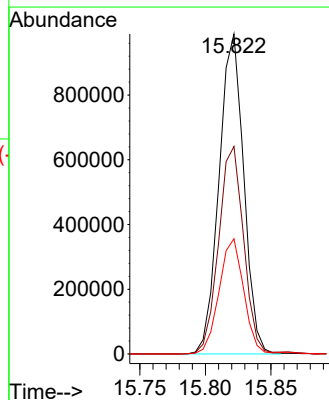
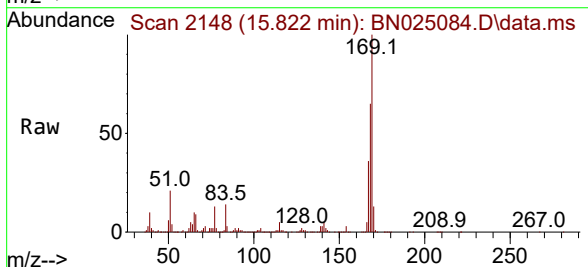
Instrument :
BNA_N
ClientSampleId :
SLCS281

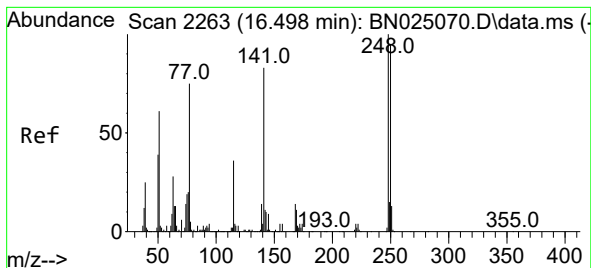
Tgt Ion:198 Resp: 285470
Ion Ratio Lower Upper
198 100
182 4.8 3.4 5.0
77 29.9 23.7 35.5



#67
N-Nitrosodiphenylamine
Concen: 28.709 ng/ul
RT: 15.822 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BN025084.D
Acq: 22 Apr 2023 19:54

Tgt Ion:169 Resp: 1292038
Ion Ratio Lower Upper
169 100
168 64.8 54.3 81.5
167 36.0 27.6 41.4

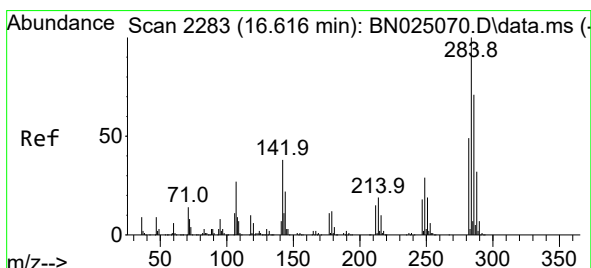
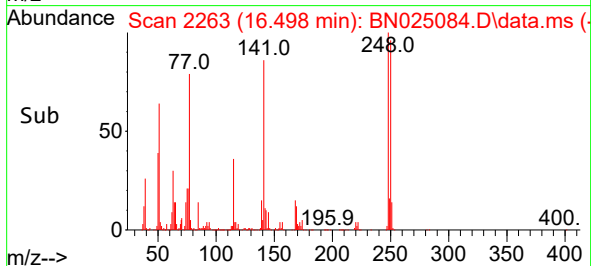
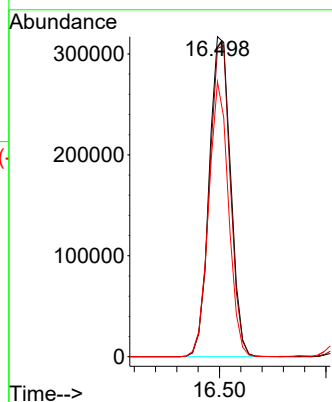
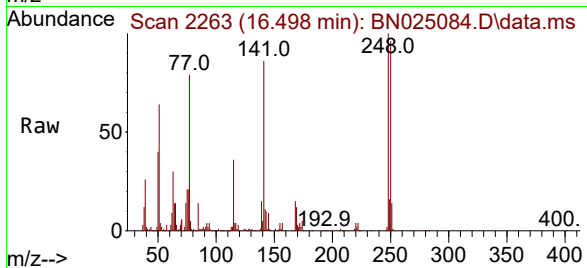




#68
4-Bromophenyl-phenylether
Concen: 29.601 ng/ul
RT: 16.498 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BN025084.D
Acq: 22 Apr 2023 19:54

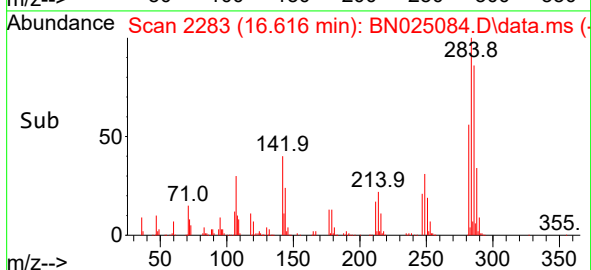
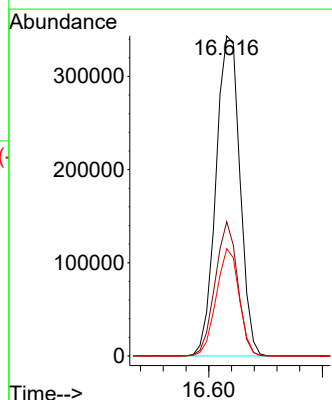
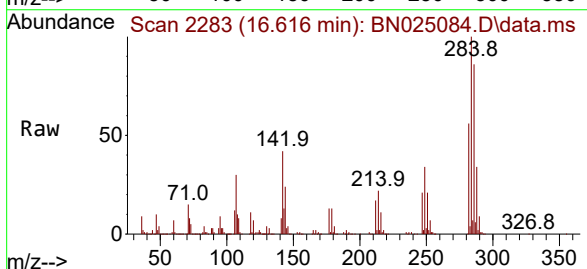
Instrument :
BNA_N
ClientSampleId :
SLCS281

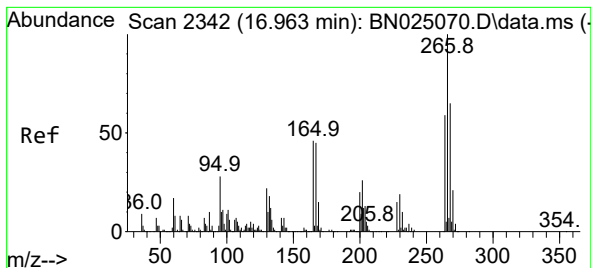
Tgt Ion:248 Resp: 441374
Ion Ratio Lower Upper
248 100
250 96.3 77.1 115.7
141 85.9 62.3 93.5



#69
Hexachlorobenzene
Concen: 29.886 ng/ul
RT: 16.616 min Scan# 2283
Delta R.T. -0.000 min
Lab File: BN025084.D
Acq: 22 Apr 2023 19:54

Tgt Ion:284 Resp: 504539
Ion Ratio Lower Upper
284 100
142 41.9 31.0 46.6
249 33.6 25.1 37.7





#71

Pentachlorophenol

Concen: 27.709 ng/ul

RT: 16.963 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN025084.D

Acq: 22 Apr 2023 19:54

Instrument :

BNA_N

ClientSampleId :

SLCS281

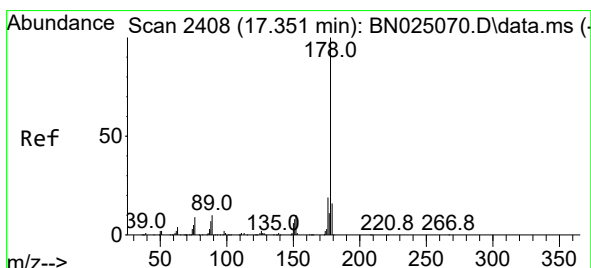
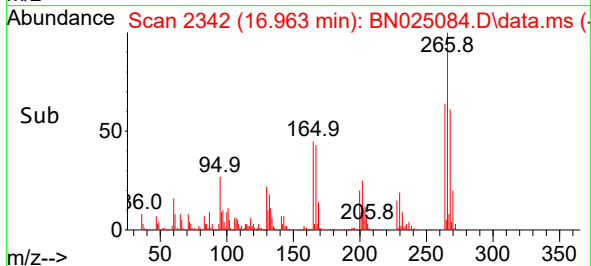
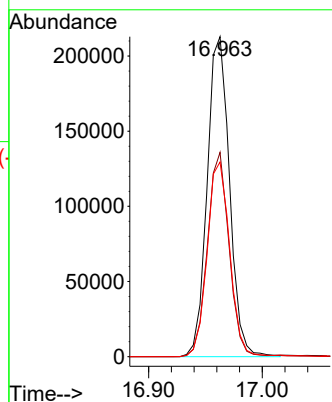
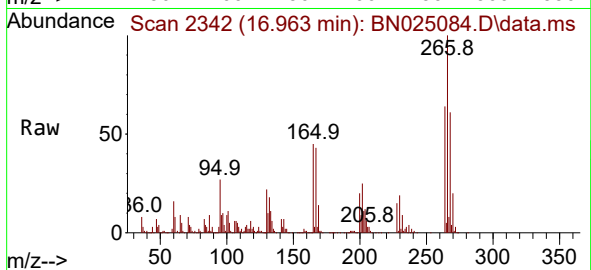
Tgt Ion:266 Resp: 290759

Ion Ratio Lower Upper

266 100

264 63.9 52.7 79.1

268 60.8 51.4 77.0



#72

Phenanthrene

Concen: 29.632 ng/ul

RT: 17.357 min Scan# 2409

Delta R.T. 0.006 min

Lab File: BN025084.D

Acq: 22 Apr 2023 19:54

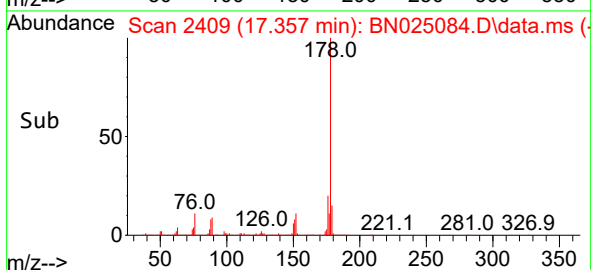
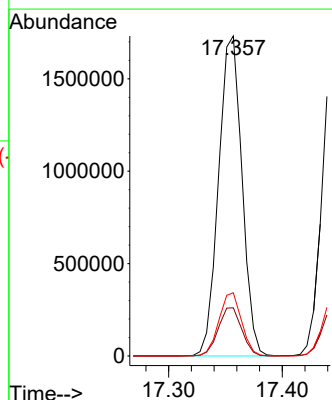
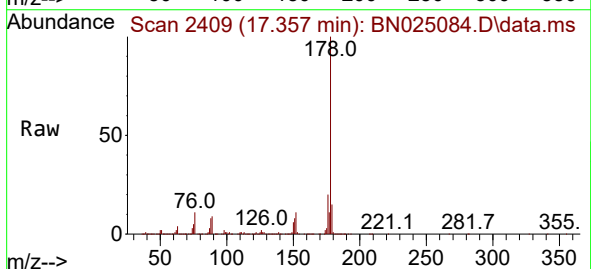
Tgt Ion:178 Resp: 2480536

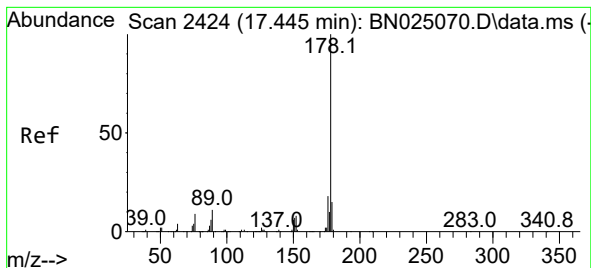
Ion Ratio Lower Upper

178 100

179 15.1 12.6 19.0

176 19.8 15.2 22.8





#74

Anthracene

Concen: 29.056 ng/uI

RT: 17.445 min Scan# 2424

Delta R.T. -0.000 min

Lab File: BN025084.D

Acq: 22 Apr 2023 19:54

Instrument :

BNA_N

ClientSampleId :

SLCS281

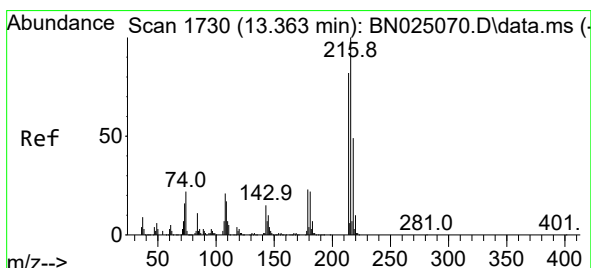
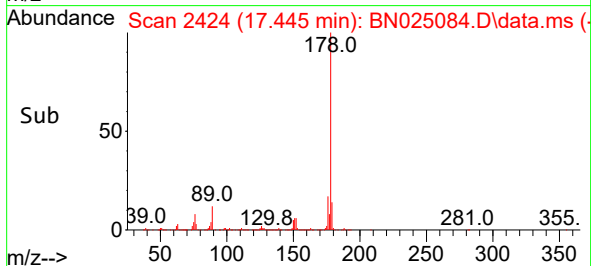
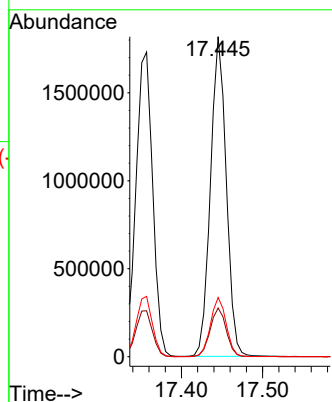
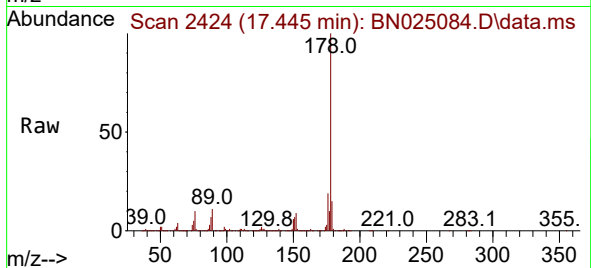
Tgt Ion:178 Resp: 2450960

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.4

176 18.5 14.6 21.8



#75

1,2,3,4-Tetrachlorobenzene

Concen: 26.689 ng/uI

RT: 13.363 min Scan# 1730

Delta R.T. -0.000 min

Lab File: BN025084.D

Acq: 22 Apr 2023 19:54

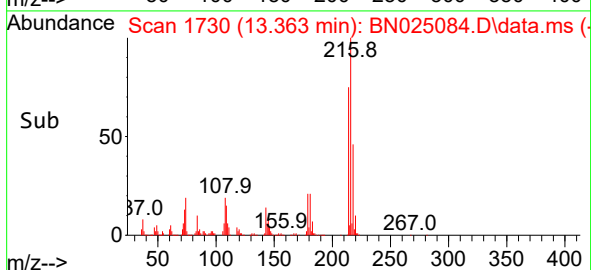
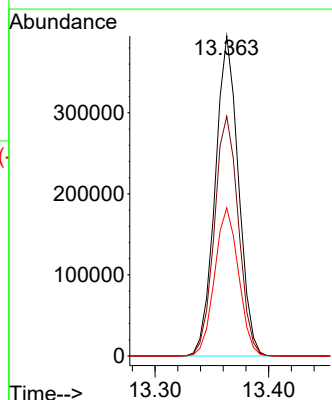
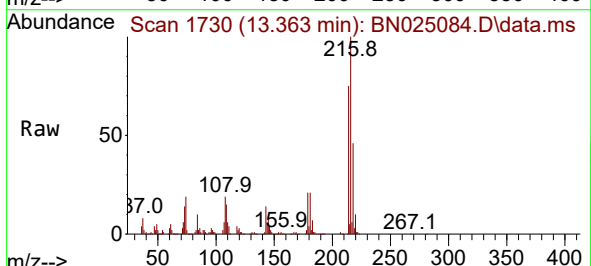
Tgt Ion:216 Resp: 563127

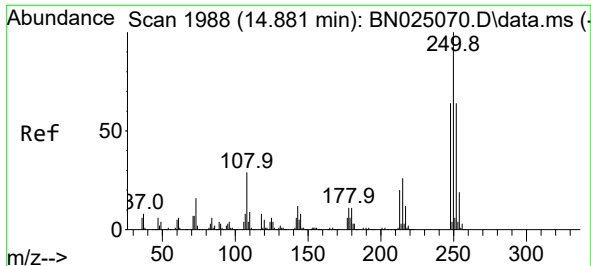
Ion Ratio Lower Upper

216 100

214 74.9 62.5 93.7

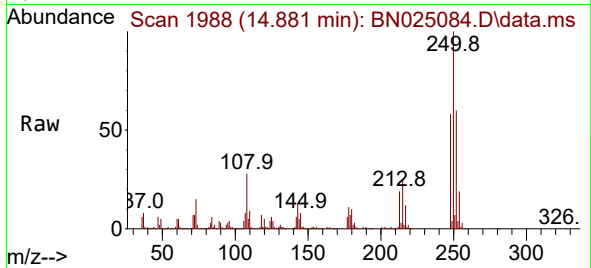
218 46.3 37.7 56.5



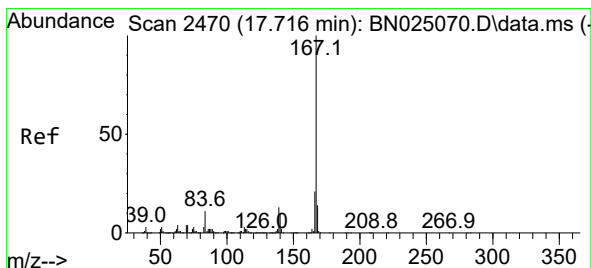
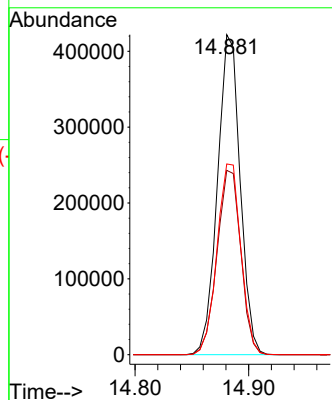
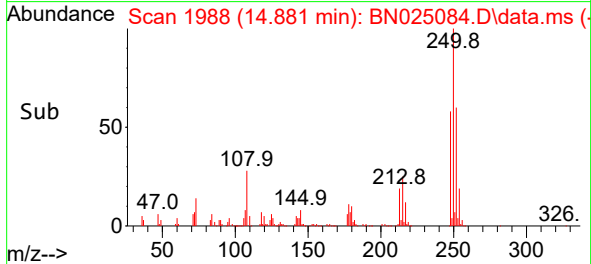


#76
Pentachlorobenzene
Concen: 29.047 ng/uL
RT: 14.881 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BN025084.D
Acq: 22 Apr 2023 19:54

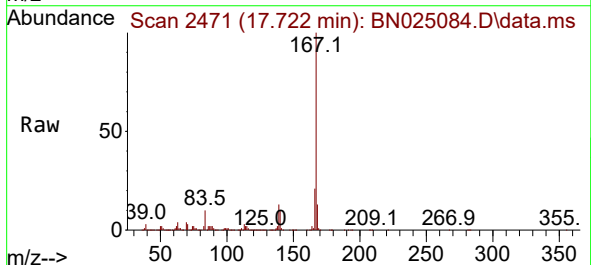
Instrument :
BNA_N
ClientSampleId :
SLCS281



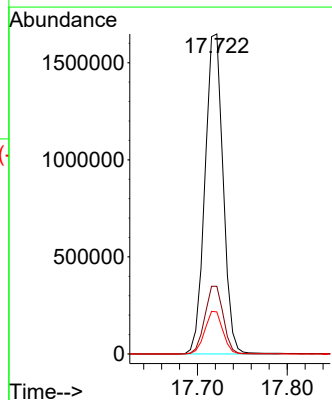
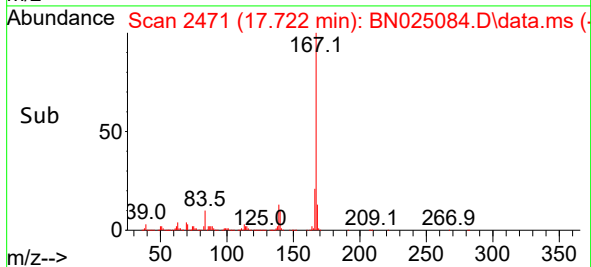
Tgt Ion:250 Resp: 586362
Ion Ratio Lower Upper
250 100
248 57.6 50.8 76.2
252 59.6 51.8 77.6

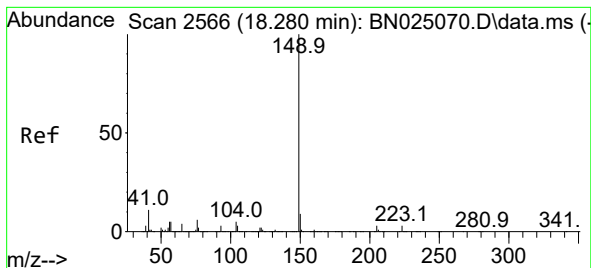


#77
Carbazole
Concen: 30.346 ng/uL
RT: 17.722 min Scan# 2471
Delta R.T. 0.006 min
Lab File: BN025084.D
Acq: 22 Apr 2023 19:54



Tgt Ion:167 Resp: 2311358
Ion Ratio Lower Upper
167 100
166 21.1 16.6 24.8
139 13.1 10.2 15.4





#78

Di-n-butylphthalate

Concen: 32.269 ng/ul

RT: 18.280 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN025084.D

Acq: 22 Apr 2023 19:54

Instrument :

BNA_N

ClientSampleId :

SLCS281

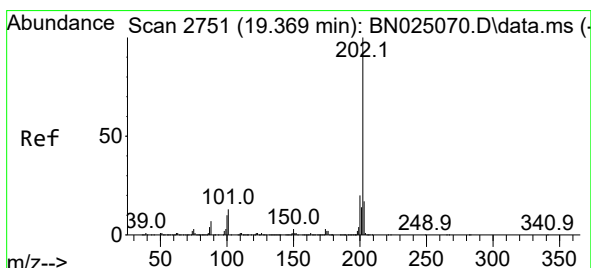
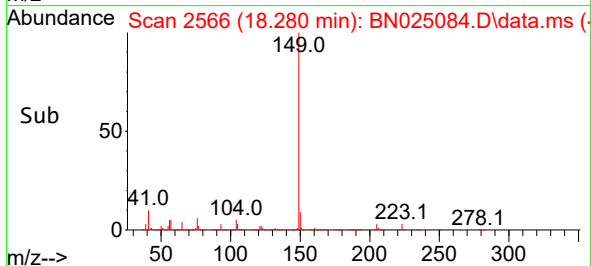
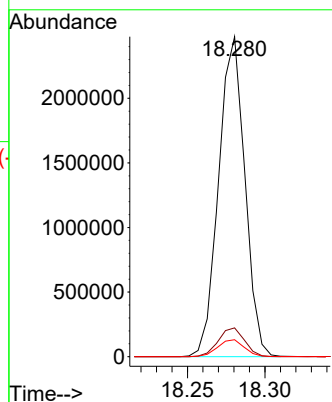
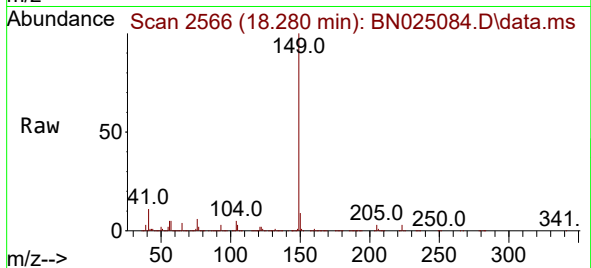
Tgt Ion:149 Resp: 2917274

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

104 5.3 4.2 6.4



#80

Fluoranthene

Concen: 26.926 ng/ul

RT: 19.374 min Scan# 2752

Delta R.T. 0.006 min

Lab File: BN025084.D

Acq: 22 Apr 2023 19:54

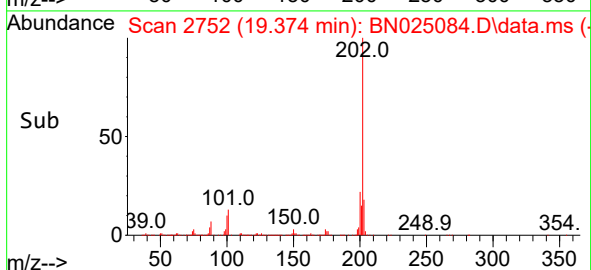
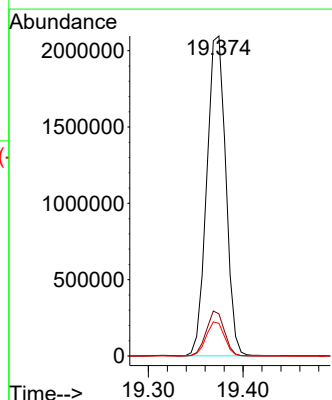
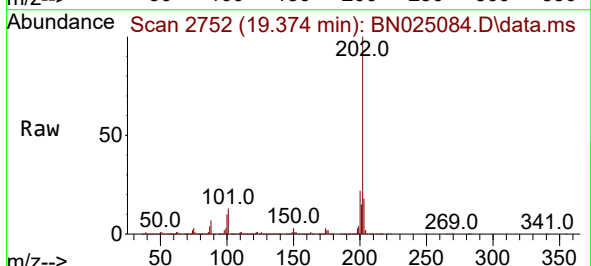
Tgt Ion:202 Resp: 2914731

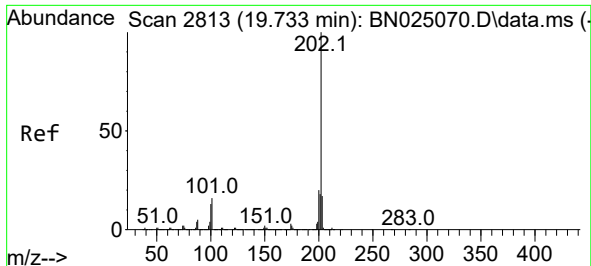
Ion Ratio Lower Upper

202 100

101 13.2 10.7 16.1

100 10.2 7.9 11.9



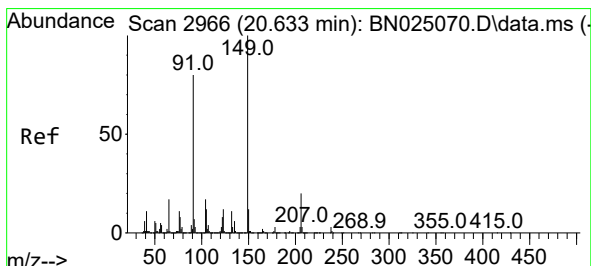
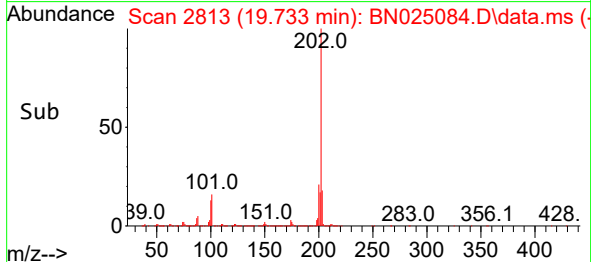
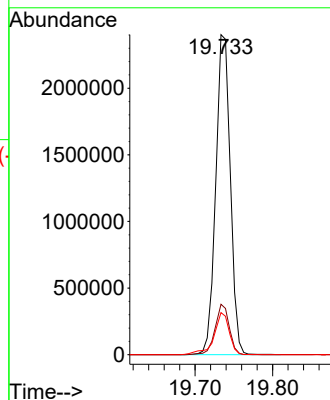
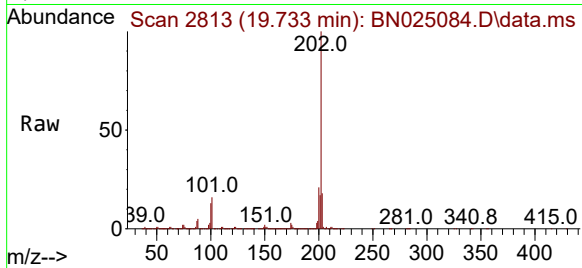


#82
 Pyrene
 Concen: 27.517 ng/ul
 RT: 19.733 min Scan# 2813
 Delta R.T. -0.000 min
 Lab File: BN025084.D
 Acq: 22 Apr 2023 19:54

Instrument :
 BNA_N
 ClientSampleId :
 SLCS281

Tgt Ion:202 Resp: 3135381

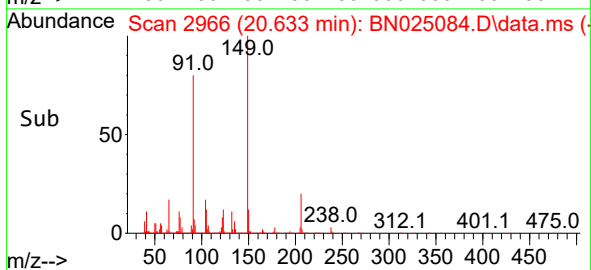
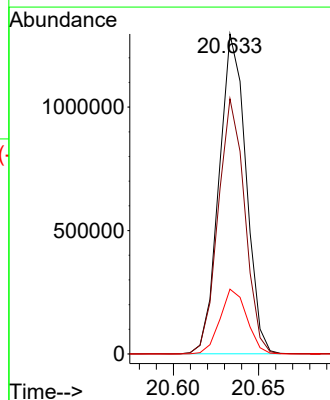
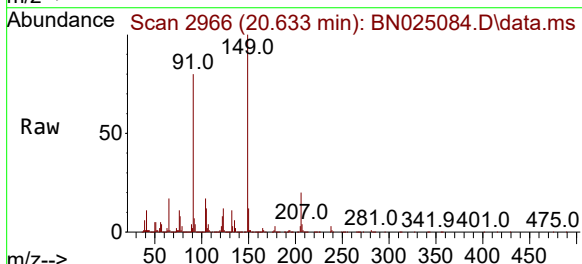
Ion	Ratio	Lower	Upper
202	100		
101	15.7	13.0	19.6
100	13.1	11.0	16.6

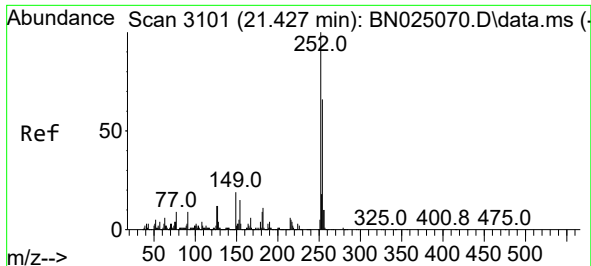


#83
 Butylbenzylphthalate
 Concen: 30.139 ng/ul
 RT: 20.633 min Scan# 2966
 Delta R.T. -0.000 min
 Lab File: BN025084.D
 Acq: 22 Apr 2023 19:54

Tgt Ion:149 Resp: 1425781

Ion	Ratio	Lower	Upper
149	100		
91	79.8	62.6	93.8
206	20.3	16.2	24.2



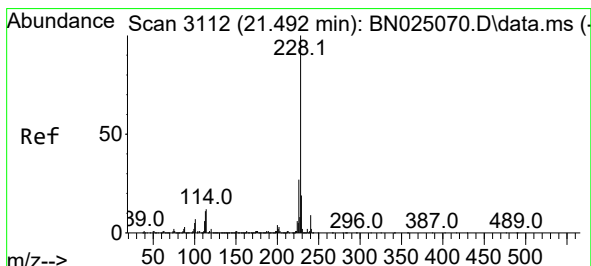
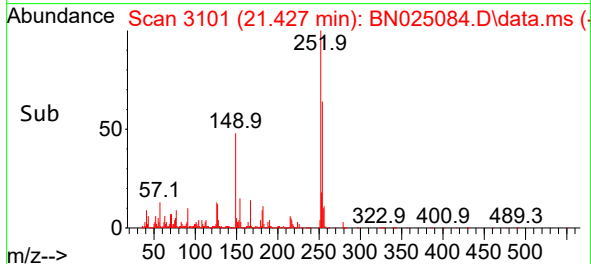
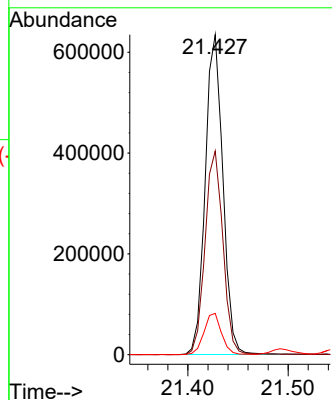
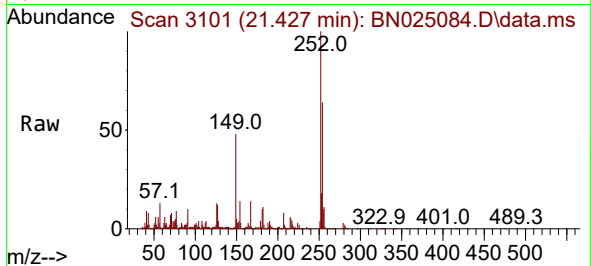


#84
 3,3'-Dichlorobenzidine
 Concen: 21.842 ng/ul
 RT: 21.427 min Scan# 3101
 Delta R.T. -0.000 min
 Lab File: BN025084.D
 Acq: 22 Apr 2023 19:54

Instrument :
 BNA_N
 ClientSampleId :
 SLCS281

Tgt Ion:252 Resp: 779491

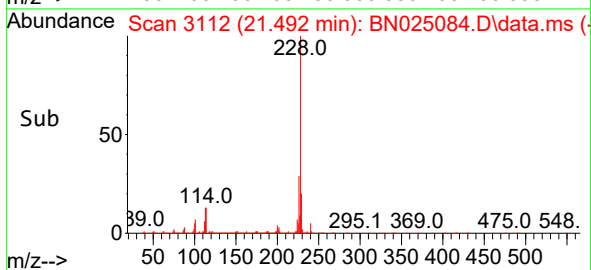
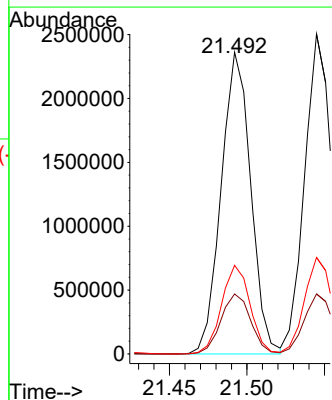
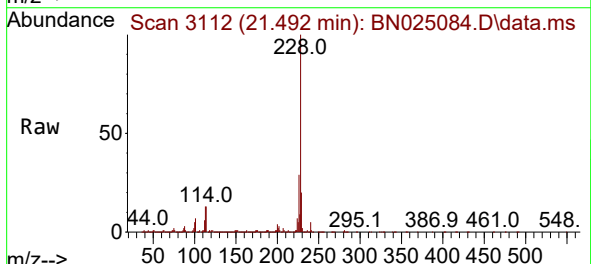
Ion	Ratio	Lower	Upper
252	100		
254	63.6	52.2	78.2
126	12.9	11.4	17.2

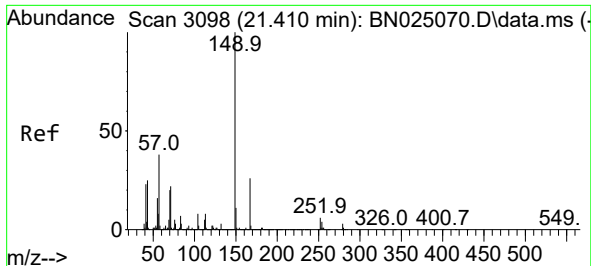


#85
 Benzo(a)anthracene
 Concen: 28.037 ng/ul
 RT: 21.492 min Scan# 3112
 Delta R.T. -0.000 min
 Lab File: BN025084.D
 Acq: 22 Apr 2023 19:54

Tgt Ion:228 Resp: 3132116

Ion	Ratio	Lower	Upper
228	100		
229	19.9	16.2	24.2
226	29.4	20.7	31.1

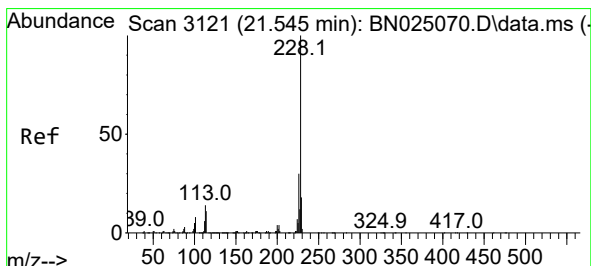
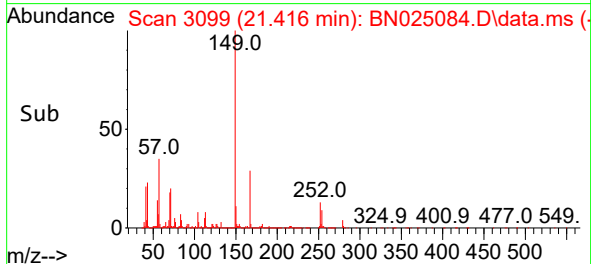
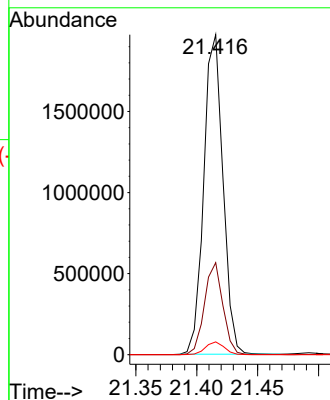
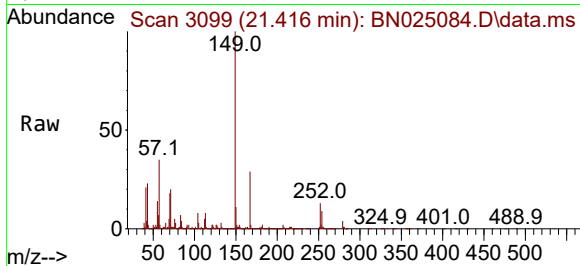




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 30.441 ng/ul
 RT: 21.416 min Scan# 3099
 Delta R.T. 0.006 min
 Lab File: BN025084.D
 Acq: 22 Apr 2023 19:54

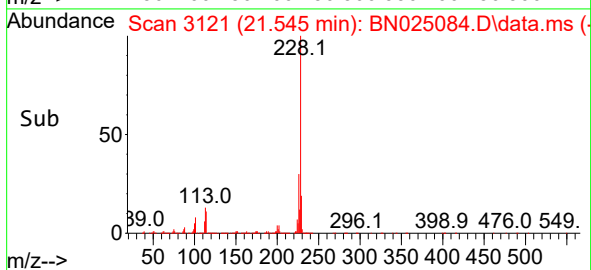
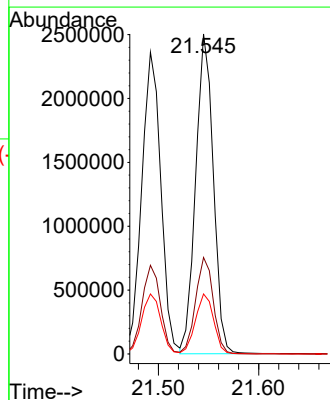
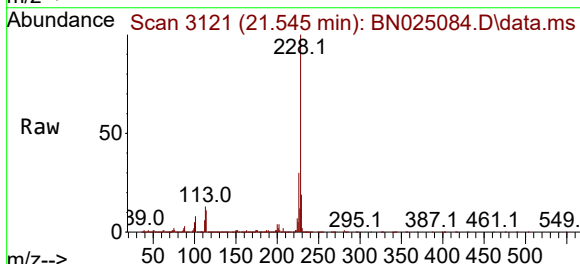
Instrument :
 BNA_N
 ClientSampleId :
 SLCS281

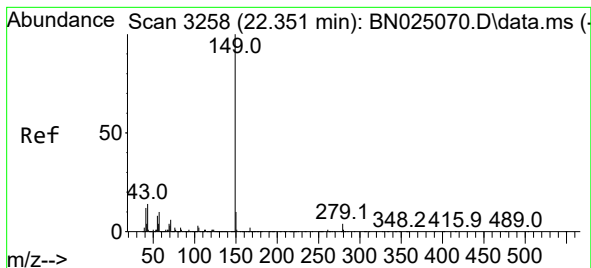
Tgt Ion:149 Resp: 2149746
 Ion Ratio Lower Upper
 149 100
 167 28.7 21.8 32.8
 279 4.0 2.9 4.3



#87
 Chrysene
 Concen: 28.854 ng/ul
 RT: 21.545 min Scan# 3121
 Delta R.T. -0.000 min
 Lab File: BN025084.D
 Acq: 22 Apr 2023 19:54

Tgt Ion:228 Resp: 3070210
 Ion Ratio Lower Upper
 228 100
 226 30.1 22.4 33.6
 229 18.8 15.6 23.4





#89

Di-n-octyl phthalate

Concen: 32.254 ng/ul

RT: 22.351 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN025084.D

Acq: 22 Apr 2023 19:54

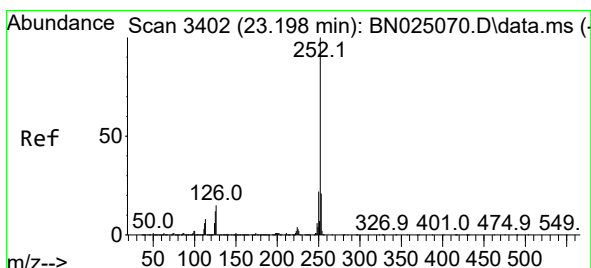
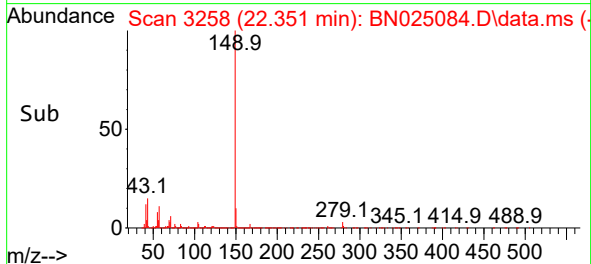
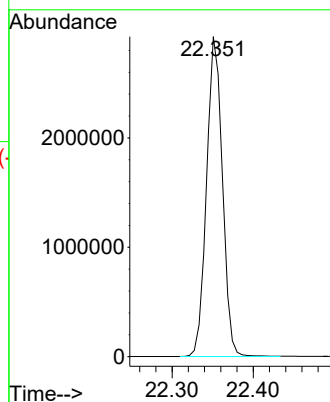
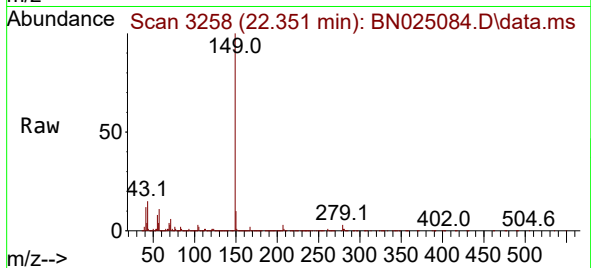
Instrument :

BNA_N

ClientSampleId :

SLCS281

Tgt Ion:149 Resp: 3950491



#90

Benzo(b)fluoranthene

Concen: 29.444 ng/ul

RT: 23.204 min Scan# 3403

Delta R.T. 0.006 min

Lab File: BN025084.D

Acq: 22 Apr 2023 19:54

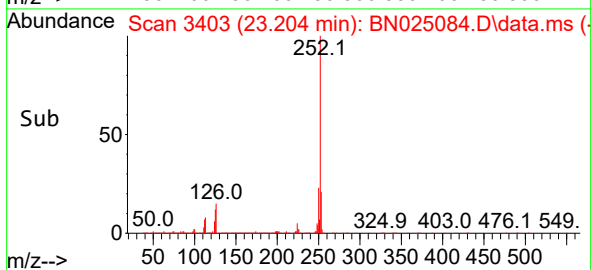
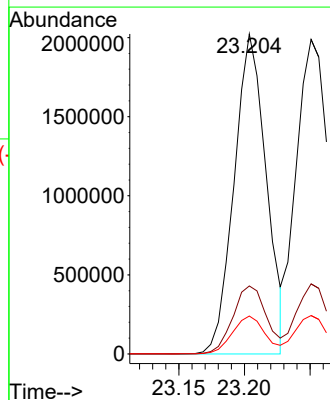
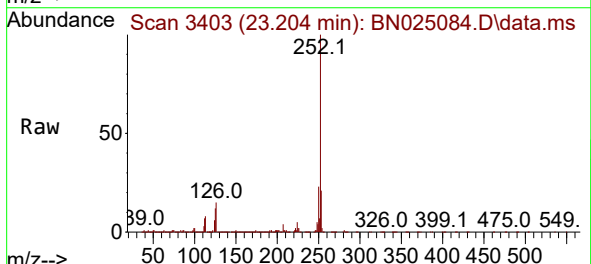
Tgt Ion:252 Resp: 3441507

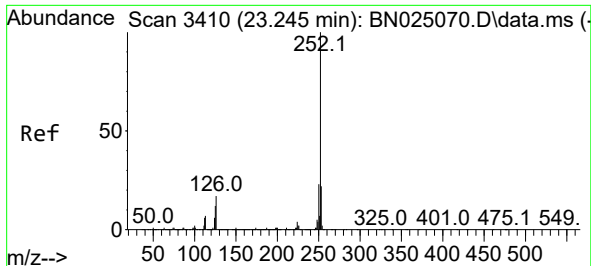
Ion Ratio Lower Upper

252 100

253 21.2 19.2 28.8

125 11.9 10.4 15.6

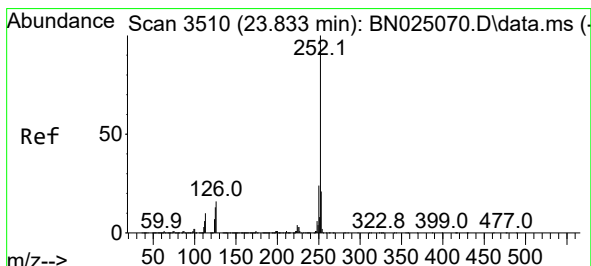
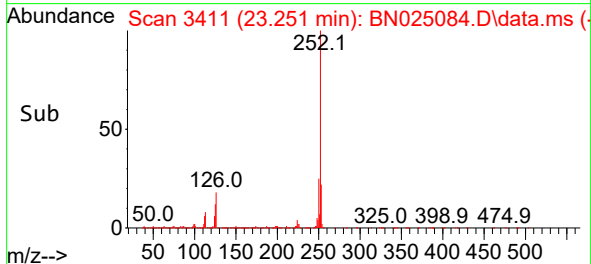
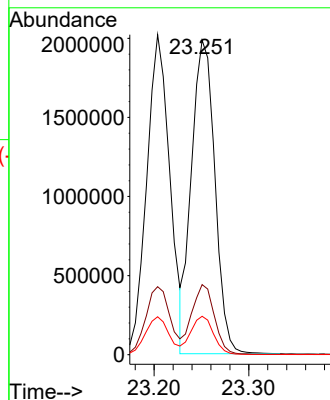
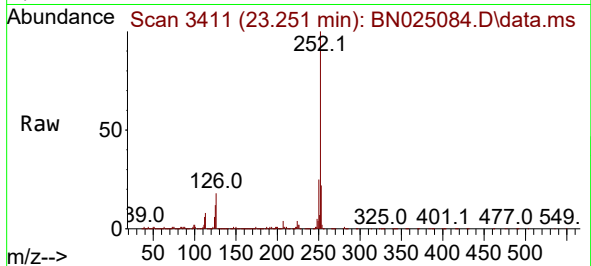




#91
Benzo(k)fluoranthene
Concen: 29.626 ng/ul
RT: 23.251 min Scan# 3410
Delta R.T. 0.006 min
Lab File: BN025084.D
Acq: 22 Apr 2023 19:54

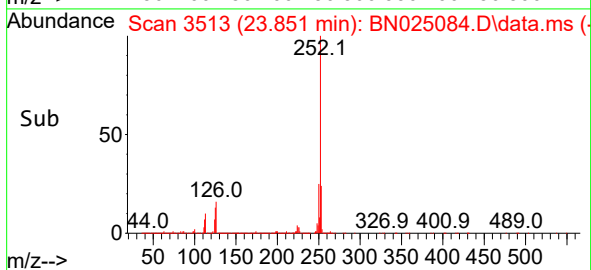
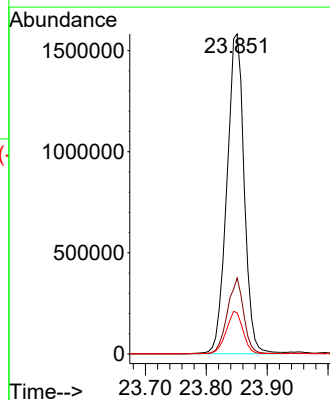
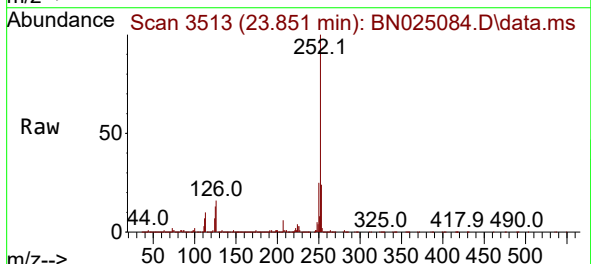
Instrument :
BNA_N
ClientSampleId :
SLCS281

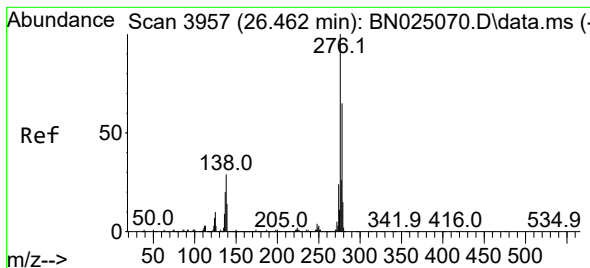
Tgt Ion:252 Resp: 3407321
Ion Ratio Lower Upper
252 100
253 22.3 16.7 25.1
125 12.2 9.3 13.9



#93
Benzo(a)pyrene
Concen: 30.535 ng/ul
RT: 23.851 min Scan# 3513
Delta R.T. 0.018 min
Lab File: BN025084.D
Acq: 22 Apr 2023 19:54

Tgt Ion:252 Resp: 3124672
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.0
125 12.9 10.8 16.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 33.113 ng/ul

RT: 26.509 min Scan# 3965

Delta R.T. 0.047 min

Lab File: BN025084.D

Acq: 22 Apr 2023 19:54

Instrument :

BNA_N

ClientSampleId :

SLCS281

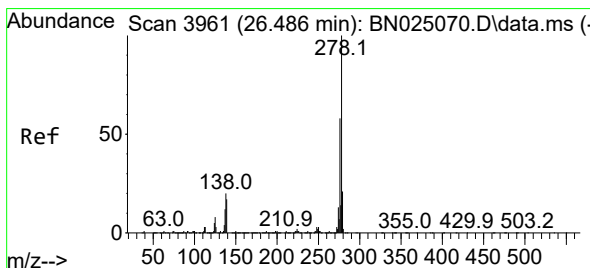
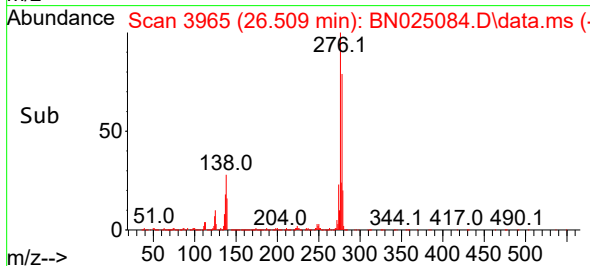
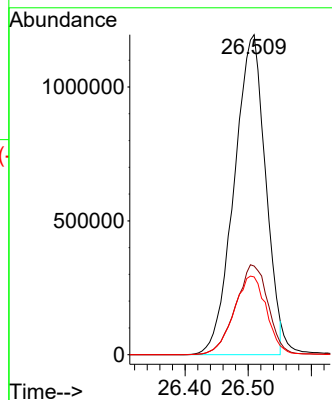
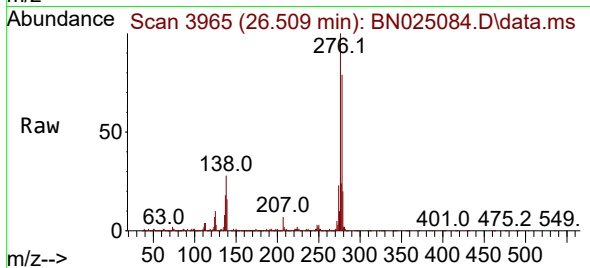
Tgt Ion:276 Resp: 4105566

Ion Ratio Lower Upper

276 100

138 27.7 21.9 32.9

277 24.3 19.8 29.6



#95

Dibenzo(a,h)anthracene

Concen: 33.207 ng/ul

RT: 26.521 min Scan# 3967

Delta R.T. 0.035 min

Lab File: BN025084.D

Acq: 22 Apr 2023 19:54

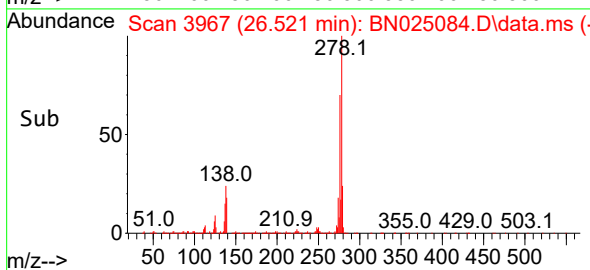
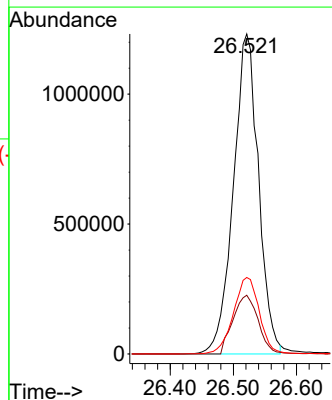
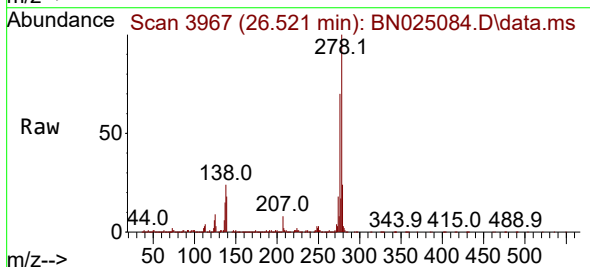
Tgt Ion:278 Resp: 3399135

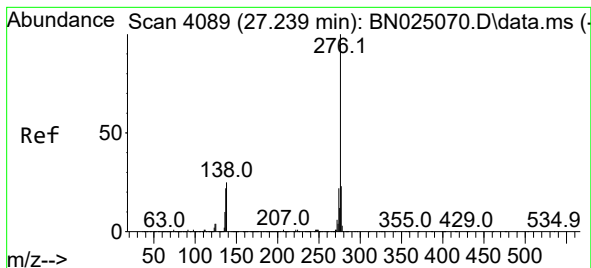
Ion Ratio Lower Upper

278 100

139 18.4 14.6 21.8

279 23.9 18.2 27.4





#96

Benzo(g,h,i)perylene

Concen: 33.387 ng/ul

RT: 27.292 min Scan# 4098

Delta R.T. 0.053 min

Lab File: BN025084.D

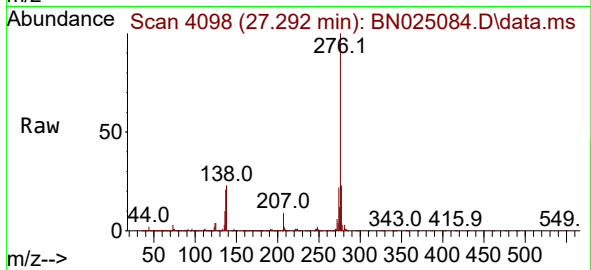
Acq: 22 Apr 2023 19:54

Instrument :

BNA_N

ClientSampleId :

SLCS281



Tgt Ion:276 Resp: 3359082

Ion Ratio Lower Upper

276 100

138 23.4 19.8 29.8

277 23.4 17.6 26.4

