

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041423\
 Data File : BN024922.D
 Acq On : 15 Apr 2023 06:45
 Operator : CG/JU
 Sample : PB152131BS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS131

Quant Time: Apr 17 02:50:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 15 00:01:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	315498	20.000	ng/u1	0.00
20) Naphthalene-d8	10.752	136	1379313	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.581	164	864002	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.328	188	1901549	20.000	ng/u1	0.00
79) Chrysene-d12	21.522	240	1725281	20.000	ng/u1	0.00
88) Perylene-d12	23.957	264	1742944	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	43603	5.260	ng/uL	0.00
4) Pyridine-d5	3.734	84	402847	16.229	ng/u1	0.00
7) Phenol-d5	7.099	99	865873	28.150	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	561150	27.276	ng/u1	0.00
11) 2-Chlorophenol-d4	7.463	132	641099	28.361	ng/u1	0.00
15) 4-Methylphenol-d8	8.652	113	688168	28.182	ng/u1	0.00
21) Nitrobenzene-d5	9.105	128	321003	28.743	ng/u1	0.00
24) 2-Nitrophenol-d4	9.834	143	356441	29.466	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	639114	29.559	ng/u1	0.00
31) 4-Chloroaniline-d4	10.893	131	73358	2.236	ng/u1	0.00
46) Dimethylphthalate-d6	13.993	166	1960404	29.269	ng/u1	0.00
49) Acenaphthylene-d8	14.275	160	2251949	29.340	ng/u1	0.00
54) 4-Nitrophenol-d4	14.781	143	416572	30.341	ng/u1	0.00
60) Fluorene-d10	15.575	176	1650643	29.188	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	361883	29.243	ng/u1	0.00
73) Anthracene-d10	17.428	188	2597598	29.086	ng/u1	0.00
81) Pyrene-d10	19.722	212	3055004	30.494	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.804	264	2704934	29.681	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	93426	10.444	ng/uL	99
5) Pyridine	3.758	79	402613	15.699	ng/u1	98
6) Benzaldehyde	7.069	77	413252	27.497	ng/u1	96
8) Phenol	7.122	94	892510	27.861	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.358	93	689527	27.418	ng/u1	98
12) 2-Chlorophenol	7.499	128	666227	28.219	ng/u1	98
13) 2-Methylphenol	8.387	108	655407	27.867	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.475	45	1311350	26.555	ng/u1	99
16) Acetophenone	8.769	105	1061060	27.481	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.752	70	572880	27.507	ng/u1	96
18) 4-Methylphenol	8.716	108	733301	28.038	ng/u1	96
19) Hexachloroethane	9.022	117	267369	28.061	ng/u1	97
22) Nitrobenzene	9.152	77	853682	28.447	ng/u1	99
23) Isophorone	9.675	82	1549339	28.126	ng/u1	99
25) 2-Nitrophenol	9.863	139	385420	29.536	ng/u1	97
26) 2,4-Dimethylphenol	9.922	107	790757	28.782	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.157	93	952642	27.788	ng/u1	98
29) 2,4-Dichlorophenol	10.399	162	642065	29.588	ng/u1	98
30) Naphthalene	10.799	128	2197975	28.533	ng/u1	99
32) 4-Chloroaniline	10.916	127	123908	3.730	ng/u1	99
33) Hexachlorobutadiene	11.087	225	359899	28.455	ng/u1	96
34) Caprolactam	11.693	113	127123	16.714	ng/u1	88
35) 4-Chloro-3-methylphenol	12.040	107	769099	30.228	ng/u1	98
36) 2-Methylnaphthalene	12.410	142	1463346	28.743	ng/u1	98

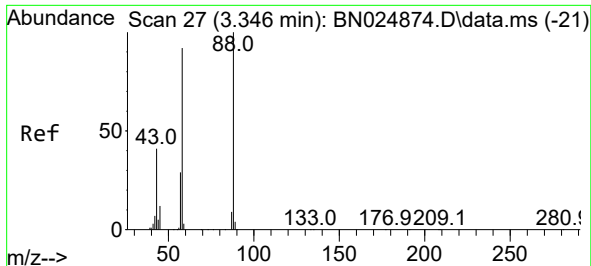
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.628	142	1498144	29.479	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.775	216	716436	28.428	ng/ul	98
40) Hexachlorocyclopentadiene	12.757	237	425754	27.704	ng/ul	98
41) 2,4,6-Trichlorophenol	13.016	196	495588	28.781	ng/ul	97
42) 2,4,5-Trichlorophenol	13.087	196	575545	30.543	ng/ul	97
43) 1,1'-Biphenyl	13.416	154	1934360	28.100	ng/ul	98
44) 2-Chloronaphthalene	13.457	162	1502332	28.106	ng/ul	100
45) 2-Nitroaniline	13.669	65	565676	30.307	ng/ul	100
47) Dimethylphthalate	14.040	163	2003579	29.730	ng/ul	99
48) 2,6-Dinitrotoluene	14.163	165	412067	31.326	ng/ul	97
50) Acenaphthylene	14.304	152	2401201	28.483	ng/ul	100
51) 3-Nitroaniline	14.493	138	84496	6.113	ng/ul	98
52) Acenaphthene	14.645	153	1677428	28.781	ng/ul	97
53) 2,4-Dinitrophenol	14.698	184	249245	29.470	ng/ul	97
55) 4-Nitrophenol	14.798	109	337288	30.183	ng/ul	97
56) Dibenzofuran	14.981	168	2268566	28.239	ng/ul	99
57) 2,4-Dinitrotoluene	14.951	165	615432	32.321	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.210	232	460280	29.663	ng/ul	96
59) Diethylphthalate	15.404	149	2050003	30.272	ng/ul	98
61) Fluorene	15.628	166	1909450	29.551	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.622	204	906230	30.132	ng/ul	99
63) 4-Nitroaniline	15.657	138	396310	29.092	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.710	198	362605	29.912	ng/ul	99
67) N-Nitrosodiphenylamine	15.834	169	1358121	23.542	ng/ul	97
68) 4-Bromophenyl-phenylether	16.516	248	557232	29.154	ng/ul	97
69) Hexachlorobenzene	16.634	284	647326	29.913	ng/ul	98
70) Atrazine	16.787	200	38646	1.969	ng/ul	95
71) Pentachlorophenol	16.981	266	391022	29.070	ng/ul	99
72) Phenanthrene	17.375	178	3100585	28.895	ng/ul	99
74) Anthracene	17.463	178	3136076	29.003	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.381	216	728310	26.928	ng/uL	98
76) Pentachlorobenzene	14.898	250	726857	28.089	ng/uL	96
77) Carbazole	17.734	167	2613127	26.765	ng/ul	98
78) Di-n-butylphthalate	18.298	149	3526562	30.432	ng/ul	99
80) Fluoranthene	19.386	202	3628723	30.221	ng/ul	99
82) Pyrene	19.751	202	3719472	29.430	ng/ul	99
83) Butylbenzylphthalate	20.645	149	1676129	31.944	ng/ul	98
85) Benzo(a)anthracene	21.504	228	3694151	29.813	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.422	149	2461131	31.420	ng/ul	100
87) Chrysene	21.557	228	3543287	30.022	ng/ul	98
89) Di-n-octyl phthalate	22.363	149	4316155	36.035	ng/ul	100
90) Benzo(b)fluoranthene	23.216	252	3730635	32.638	ng/ul	94
91) Benzo(k)fluoranthene	23.269	252	3664590	32.582	ng/ul	98
93) Benzo(a)pyrene	23.851	252	3179241	31.769	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.498	276	3577453	29.504	ng/ul	99
95) Dibenzo(a,h)anthracene	26.515	278	2926089	29.231	ng/ul	94
96) Benzo(g,h,i)perylene	27.280	276	2870015	29.170	ng/ul	98

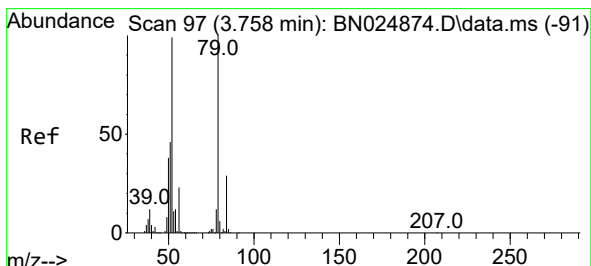
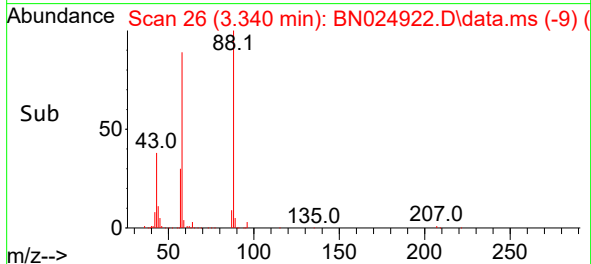
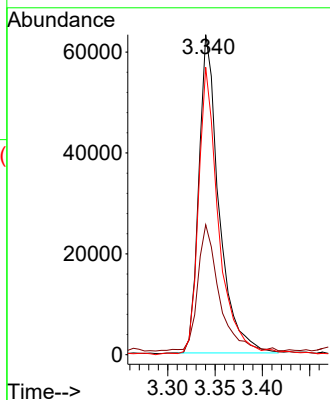
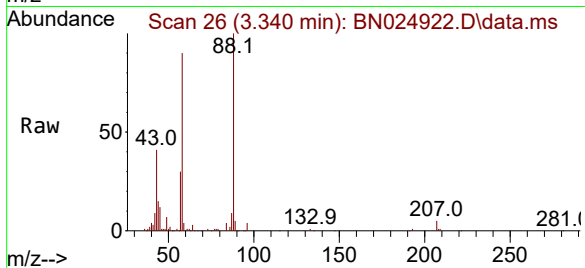
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#2
 1,4-Dioxane
 Concen: 10.444 ng/uL
 RT: 3.340 min Scan# 20
 Delta R.T. -0.000 min
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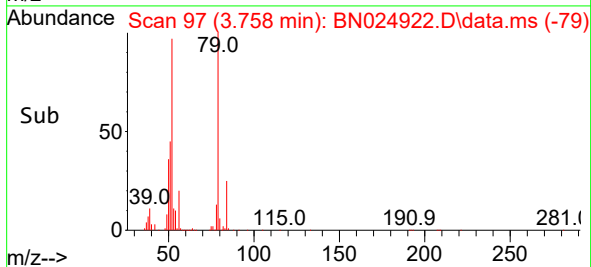
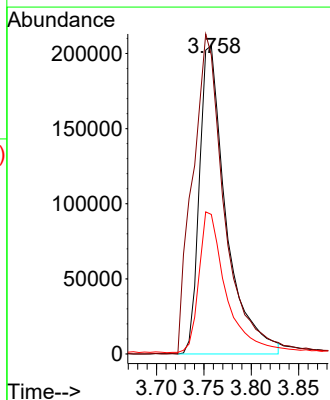
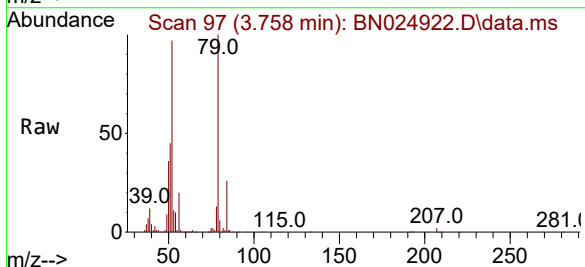
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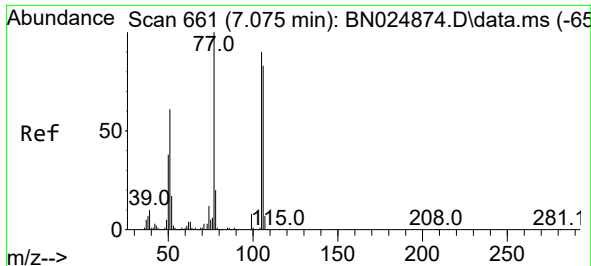
Tgt Ion: 88 Resp: 93426
 Ion Ratio Lower Upper
 88 100
 43 40.6 33.0 49.4
 58 89.8 72.3 108.5



#5
 Pyridine
 Concen: 15.699 ng/uL
 RT: 3.758 min Scan# 97
 Delta R.T. 0.006 min
 Lab File: BN024922.D
 Acq: 15 Apr 2023 06:45

Tgt Ion: 79 Resp: 402613
 Ion Ratio Lower Upper
 79 100
 52 96.9 76.1 114.1
 51 45.2 35.8 53.6

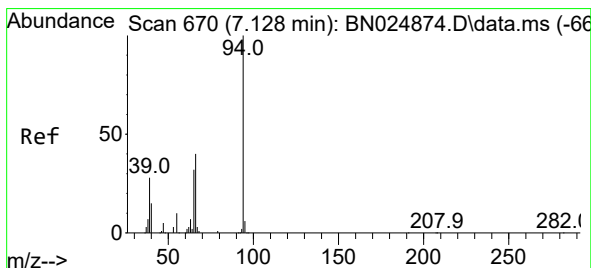
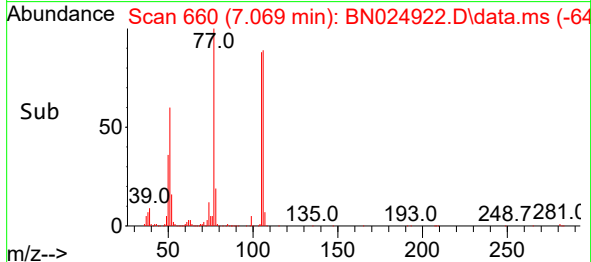
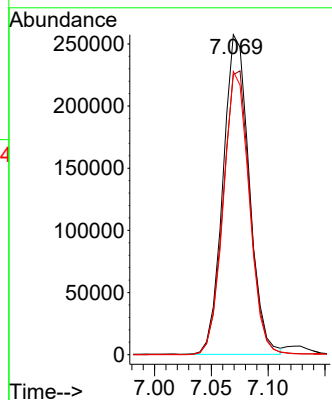
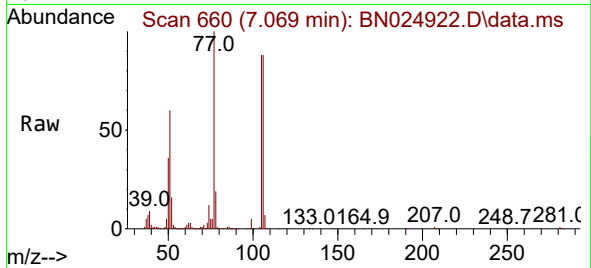




#6
Benzaldehyde
Concen: 27.497 ng/ul
RT: 7.069 min Scan# 660
Delta R.T. -0.006 min
Lab File: BN024922.D
Acq: 15 Apr 2023 06:45

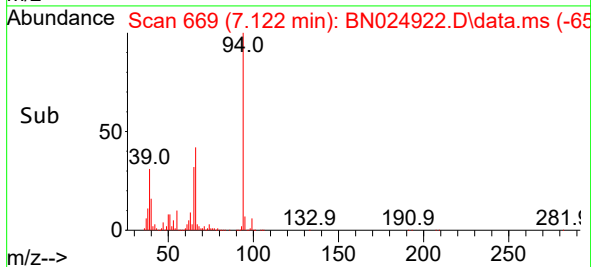
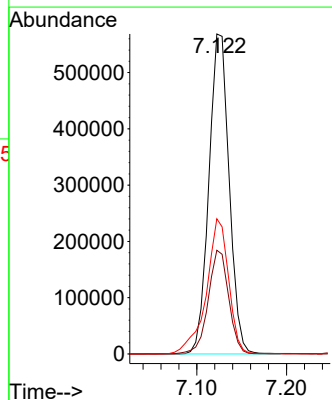
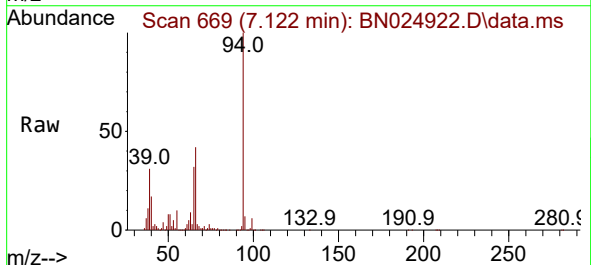
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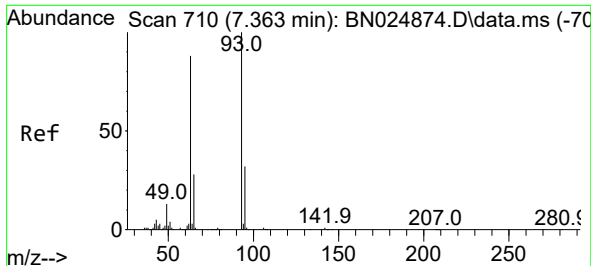
Tgt Ion: 77 Resp: 413252
Ion Ratio Lower Upper
77 100
105 87.5 74.3 111.5
106 88.5 73.3 109.9



#8
Phenol
Concen: 27.861 ng/ul
RT: 7.122 min Scan# 669
Delta R.T. -0.006 min
Lab File: BN024922.D
Acq: 15 Apr 2023 06:45

Tgt Ion: 94 Resp: 892510
Ion Ratio Lower Upper
94 100
65 32.4 25.1 37.7
66 42.3 31.9 47.9

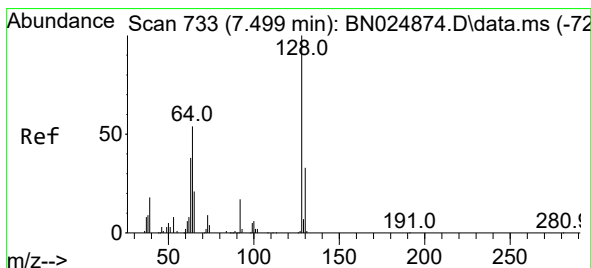
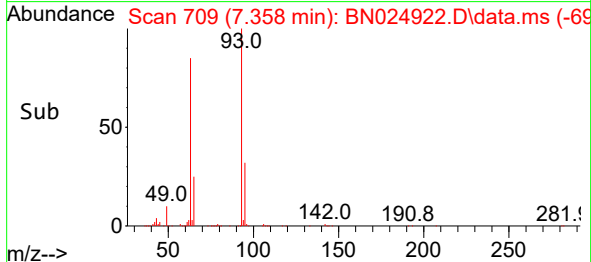
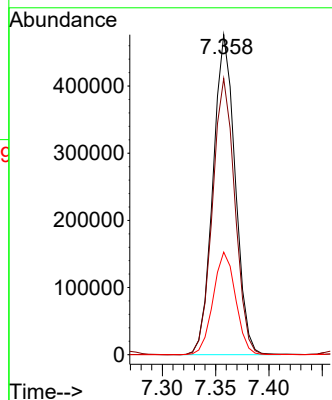
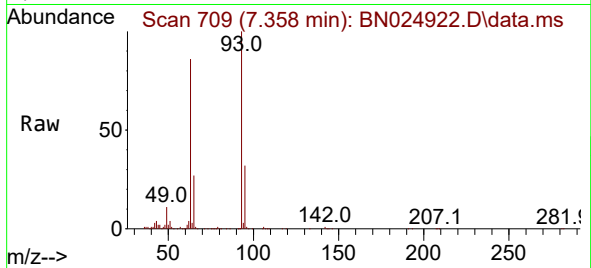




#10
Bis(2-Chloroethyl)ether
Concen: 27.418 ng/ul
RT: 7.358 min Scan# 709
Delta R.T. -0.000 min
Lab File: BN024922.D
Acq: 15 Apr 2023 06:45

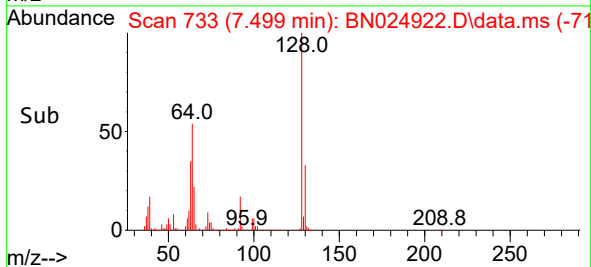
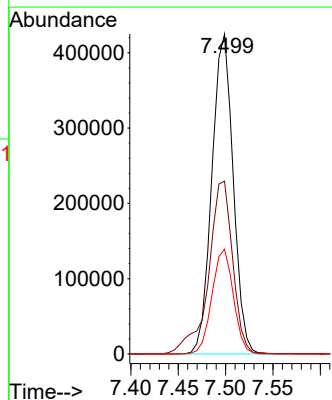
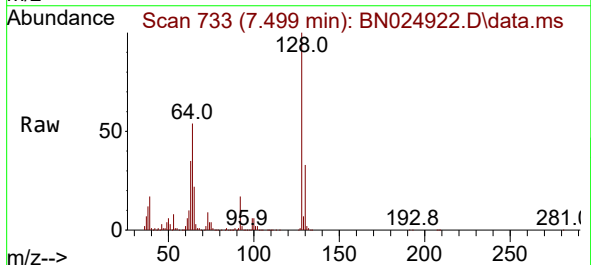
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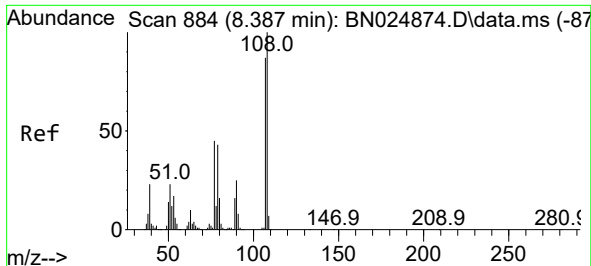
Tgt Ion: 93 Resp: 689527
Ion Ratio Lower Upper
93 100
63 86.3 70.9 106.3
95 32.0 26.0 39.0



#12
2-Chlorophenol
Concen: 28.219 ng/ul
RT: 7.499 min Scan# 733
Delta R.T. -0.000 min
Lab File: BN024922.D
Acq: 15 Apr 2023 06:45

Tgt Ion:128 Resp: 666227
Ion Ratio Lower Upper
128 100
64 54.0 44.8 67.2
130 32.8 26.6 39.8

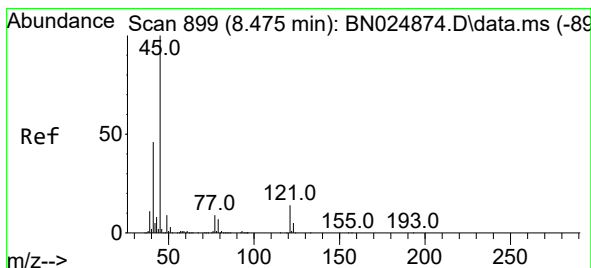
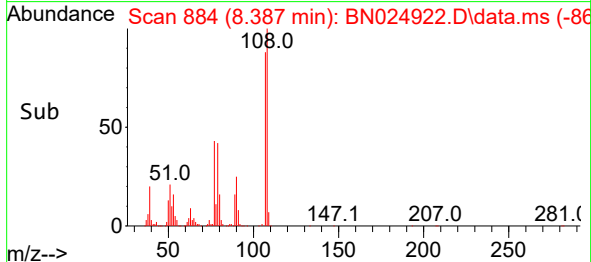
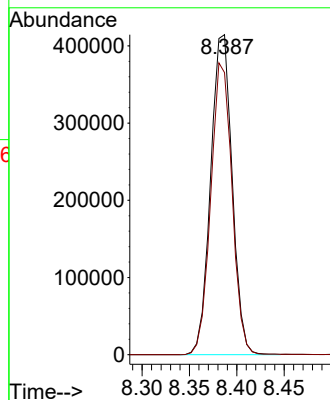
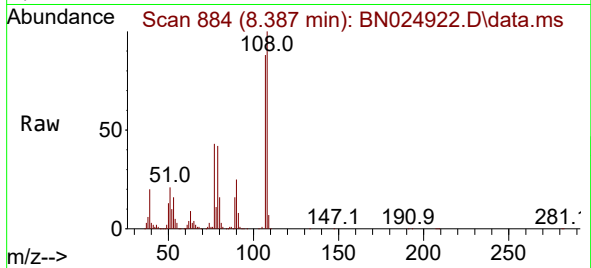




#13
2-Methylphenol
Concen: 27.867 ng/ul
RT: 8.387 min Scan# 884
Delta R.T. -0.000 min
Lab File: BN024922.D
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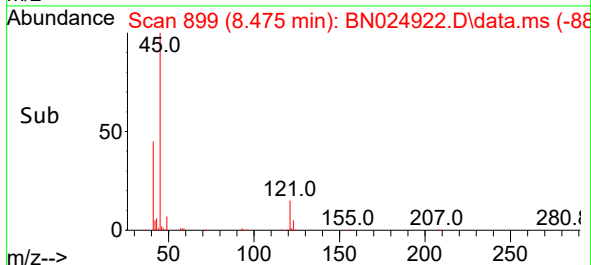
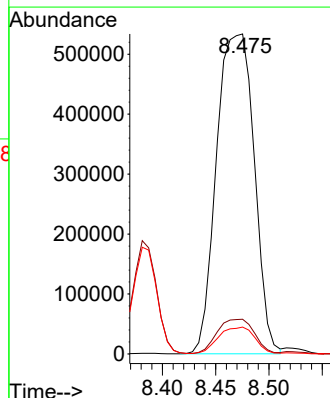
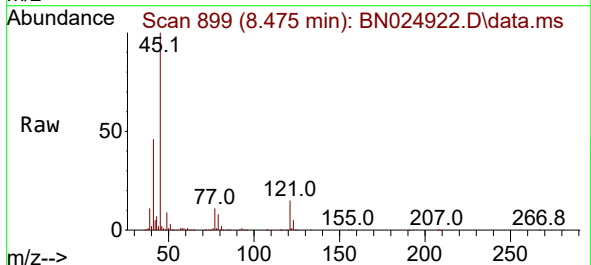
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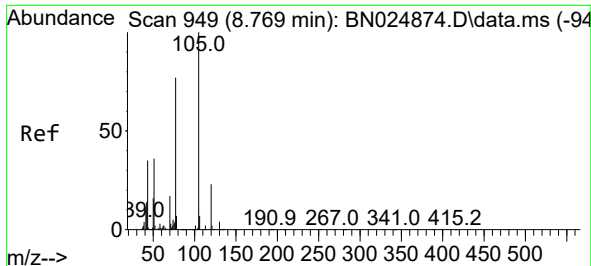
Tgt Ion:108 Resp: 655407
Ion Ratio Lower Upper
108 100
107 88.2 71.5 107.3



#14
2,2'-oxybis(1-Chloropropane)
Concen: 26.555 ng/ul
RT: 8.475 min Scan# 899
Delta R.T. -0.000 min
Lab File: BN024922.D
Acq: 15 Apr 2023 06:45

Tgt Ion: 45 Resp: 1311350
Ion Ratio Lower Upper
45 100
77 10.8 8.4 12.6
79 8.4 6.6 9.8

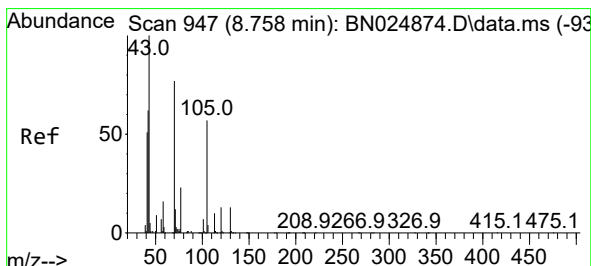
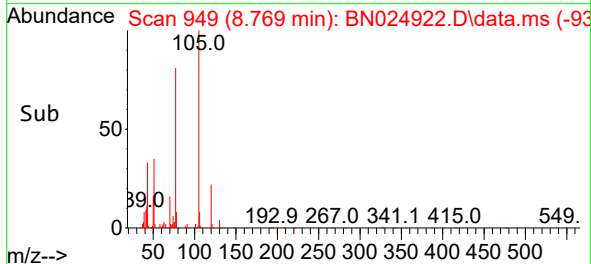
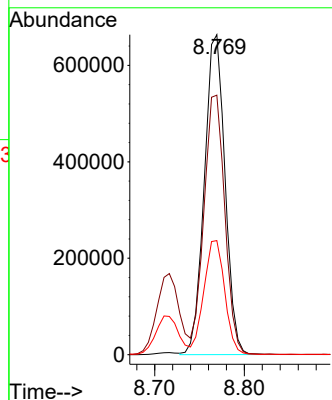
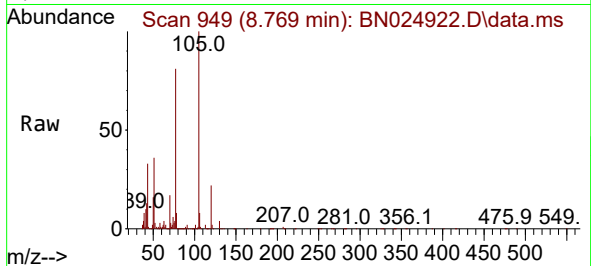




#16
Acetophenone
Concen: 27.481 ng/ul
RT: 8.769 min Scan# 949
Delta R.T. -0.000 min
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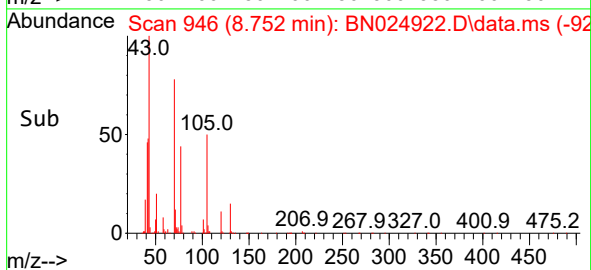
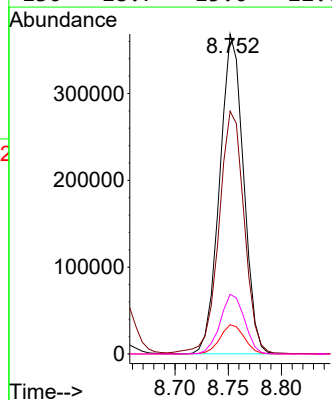
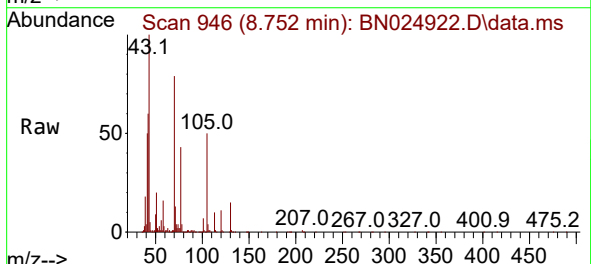
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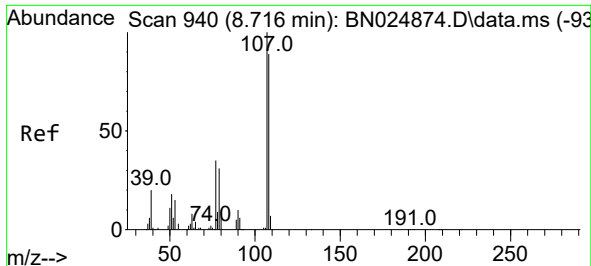
Tgt Ion:105 Resp: 1061060
Ion Ratio Lower Upper
105 100
77 81.1 64.8 97.2
51 35.6 28.7 43.1



#17
N-Nitroso-di-n-propylamine
Concen: 27.507 ng/ul
RT: 8.752 min Scan# 946
Delta R.T. -0.000 min
Lab File: BN024922.D
Acq: 15 Apr 2023 06:45

Tgt Ion: 70 Resp: 572880
Ion Ratio Lower Upper
70 100
42 75.8 64.2 96.2
101 9.1 7.3 10.9
130 18.7 15.0 22.6

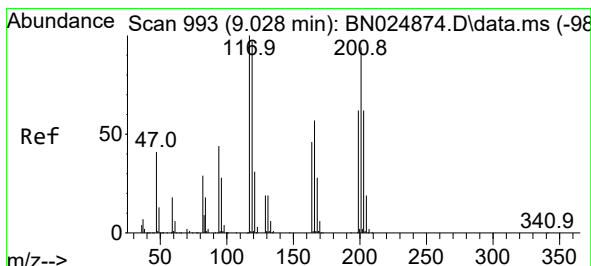
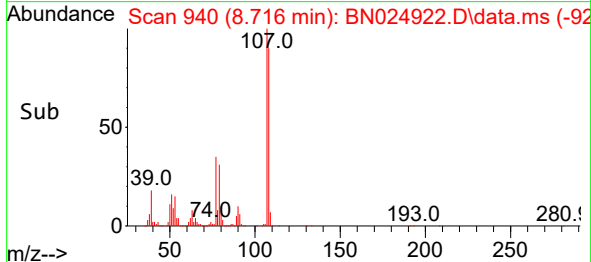
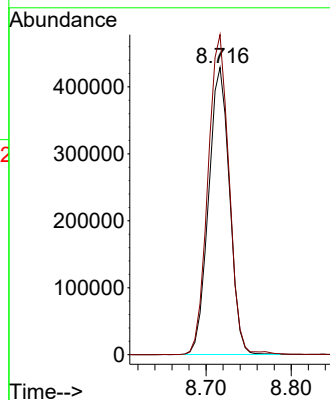
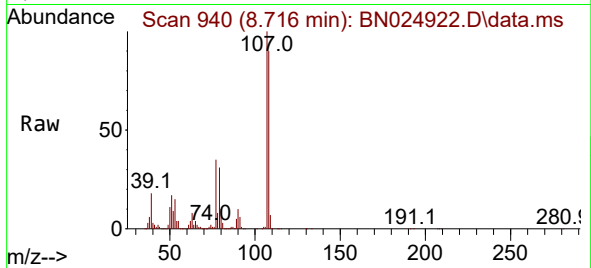




#18
4-Methylphenol
Concen: 28.038 ng/ul
RT: 8.716 min Scan# 940
Delta R.T. -0.000 min
Lab File: BN024922.D
Acq: 15 Apr 2023 06:45

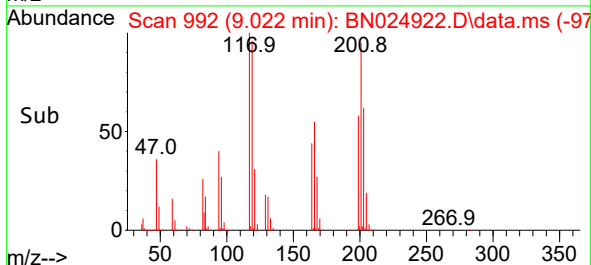
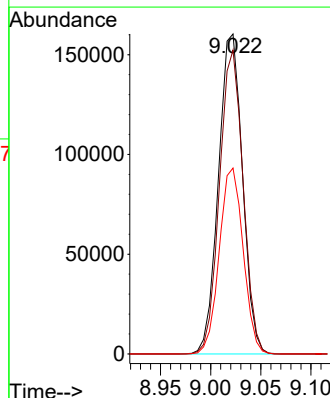
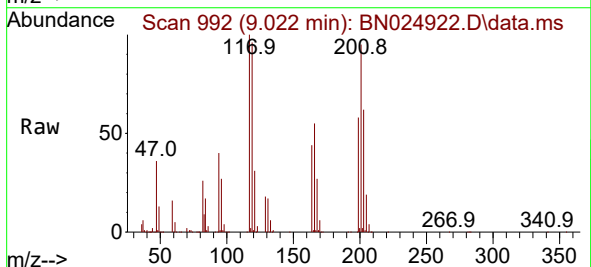
Instrument :
BNA_N
ClientSampleId :
SLCS131

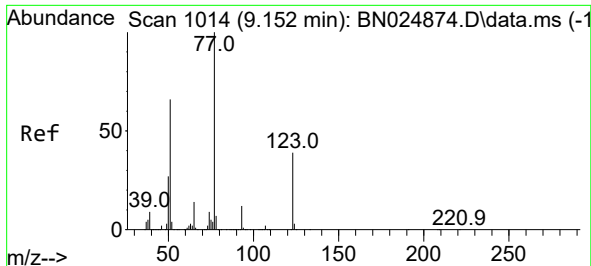
Tgt Ion:108 Resp: 733301
Ion Ratio Lower Upper
108 100
107 111.4 85.8 128.6



#19
Hexachloroethane
Concen: 28.061 ng/ul
RT: 9.022 min Scan# 992
Delta R.T. -0.000 min
Lab File: BN024922.D
Acq: 15 Apr 2023 06:45

Tgt Ion:117 Resp: 267369
Ion Ratio Lower Upper
117 100
201 95.0 72.2 108.4
199 58.1 46.2 69.4

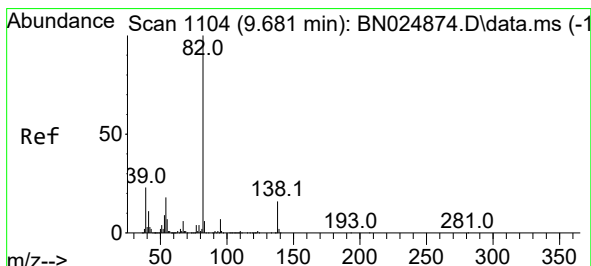
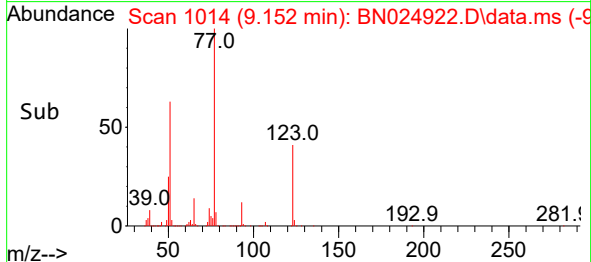
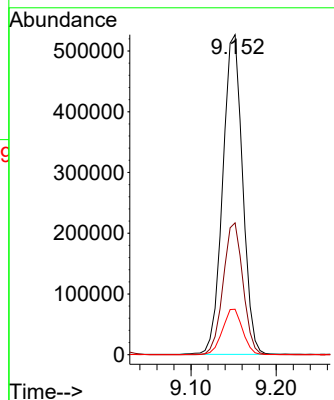
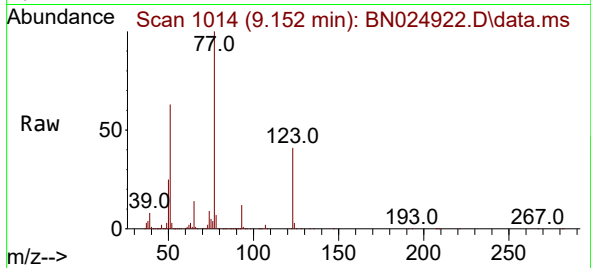




#22
Nitrobenzene
Concen: 28.447 ng/ul
RT: 9.152 min Scan# 1103
Delta R.T. -0.000 min
Lab File: BN024922.D
Acq: 15 Apr 2023 06:45

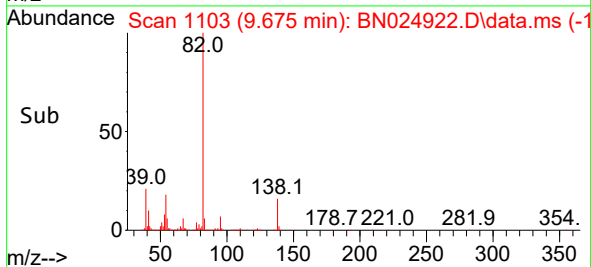
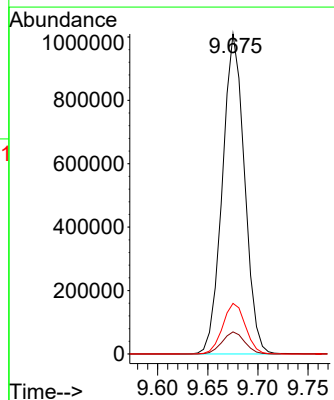
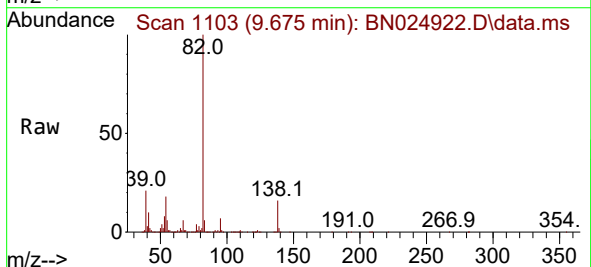
Instrument :
BNA_N
ClientSampleId :
SLCS131

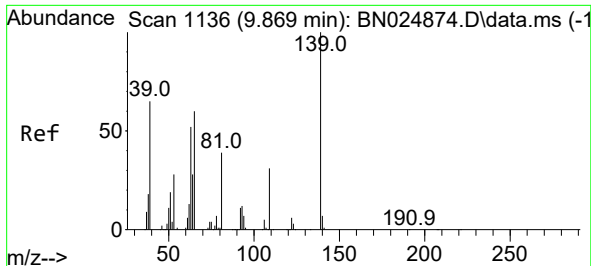
Tgt Ion: 77 Resp: 853682
Ion Ratio Lower Upper
77 100
123 41.2 33.5 50.3
65 14.2 11.8 17.8



#23
Isophorone
Concen: 28.126 ng/ul
RT: 9.675 min Scan# 1103
Delta R.T. -0.000 min
Lab File: BN024922.D
Acq: 15 Apr 2023 06:45

Tgt Ion: 82 Resp: 1549339
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 15.8 12.8 19.2





#25

2-Nitrophenol

Concen: 29.536 ng/ul

RT: 9.863 min Scan# 1135

Delta R.T. -0.000 min

Lab File: BN024922.D

Acq: 15 Apr 2023 06:45

Instrument :

BNA_N

ClientSampleId :

SLCS131

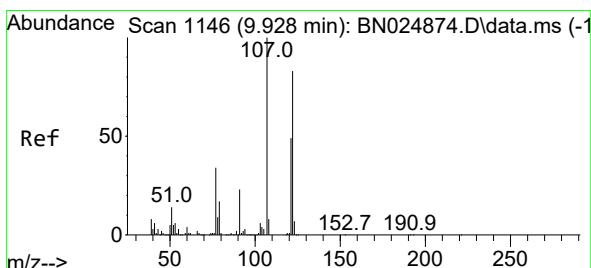
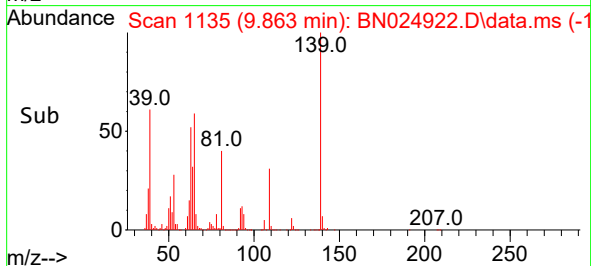
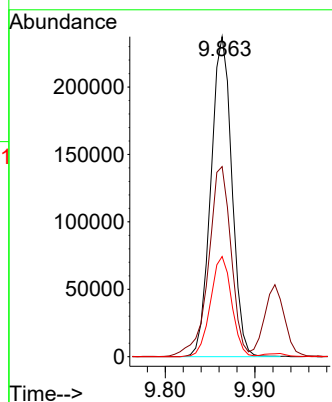
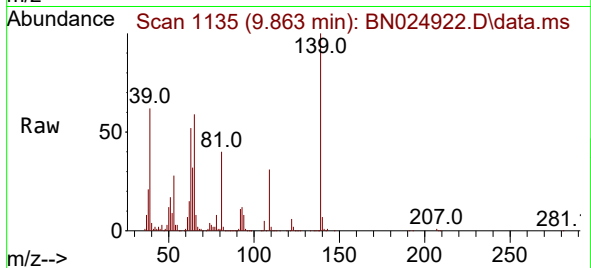
Tgt Ion:139 Resp: 385420

Ion Ratio Lower Upper

139 100

65 59.4 49.8 74.8

109 31.3 26.2 39.2



#26

2,4-Dimethylphenol

Concen: 28.782 ng/ul

RT: 9.922 min Scan# 1145

Delta R.T. -0.000 min

Lab File: BN024922.D

Acq: 15 Apr 2023 06:45

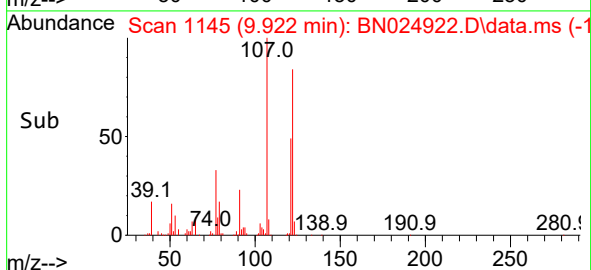
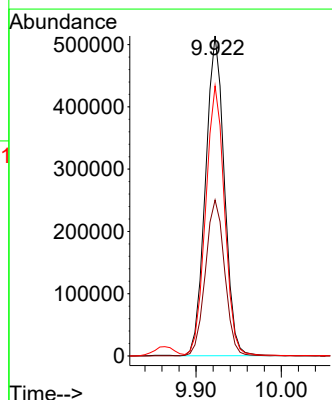
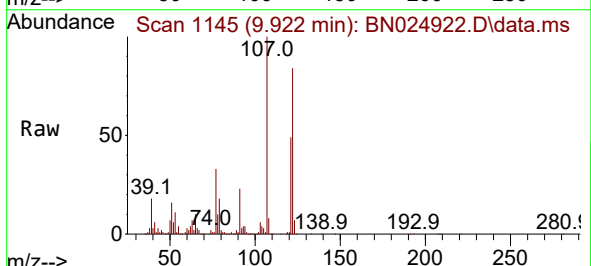
Tgt Ion:107 Resp: 790757

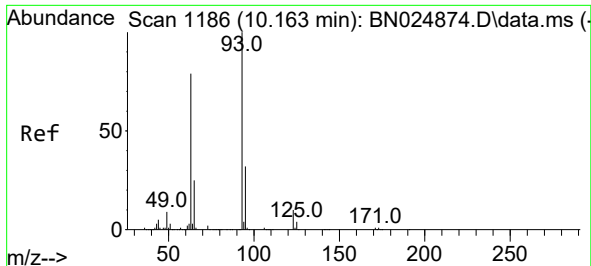
Ion Ratio Lower Upper

107 100

121 48.7 39.7 59.5

122 84.4 66.1 99.1





#27

Bis(2-Chloroethoxy)methane

Concen: 27.788 ng/ul

RT: 10.157 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BN024922.D

Acq: 15 Apr 2023 06:45

Instrument :

BNA_N

ClientSampleId :

SLCS131

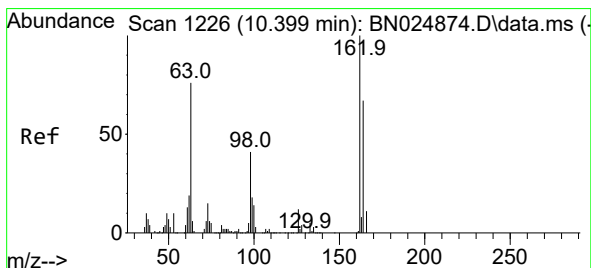
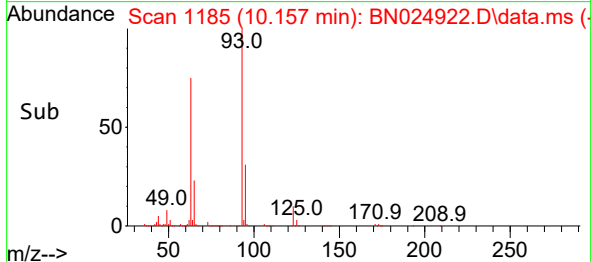
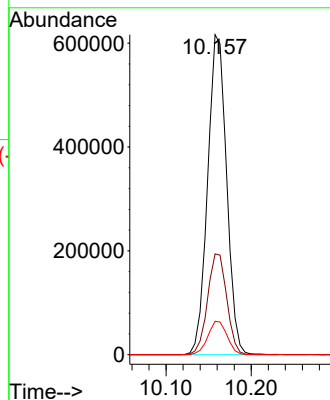
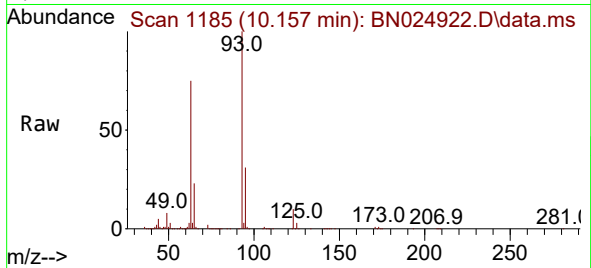
Tgt Ion: 93 Resp: 952642

Ion Ratio Lower Upper

93 100

95 31.5 26.1 39.1

123 10.4 8.5 12.7



#29

2,4-Dichlorophenol

Concen: 29.588 ng/ul

RT: 10.399 min Scan# 1226

Delta R.T. -0.000 min

Lab File: BN024922.D

Acq: 15 Apr 2023 06:45

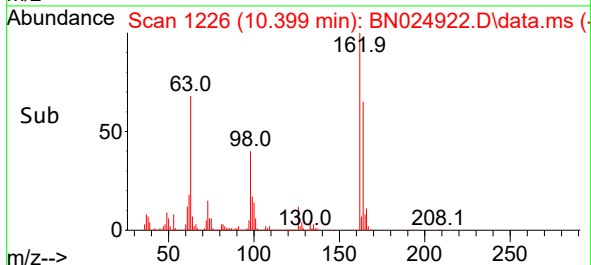
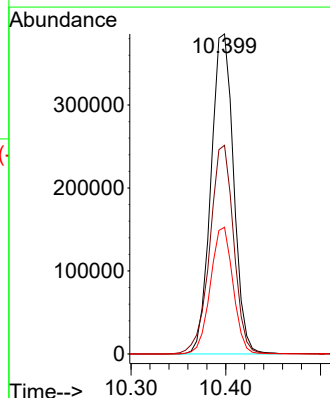
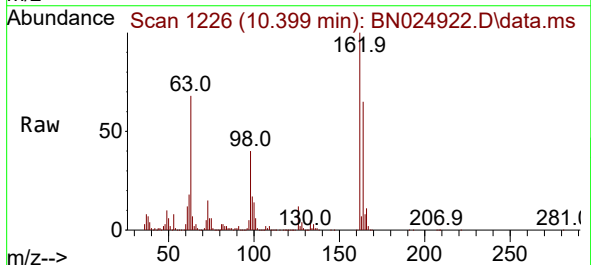
Tgt Ion:162 Resp: 642065

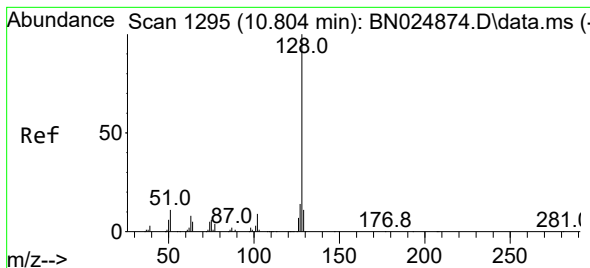
Ion Ratio Lower Upper

162 100

164 65.2 50.9 76.3

98 39.6 31.0 46.4





#30

Naphthalene

Concen: 28.533 ng/ul

RT: 10.799 min Scan# 1294

Delta R.T. -0.006 min

Lab File: BN024922.D

Acq: 15 Apr 2023 06:45

Instrument :

BNA_N

ClientSampleId :

SLCS131

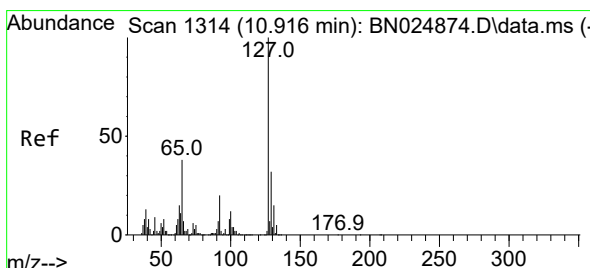
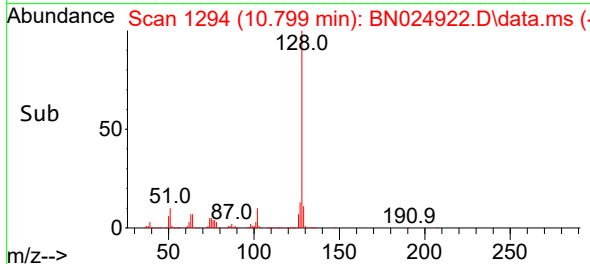
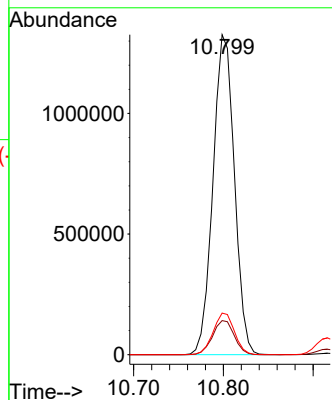
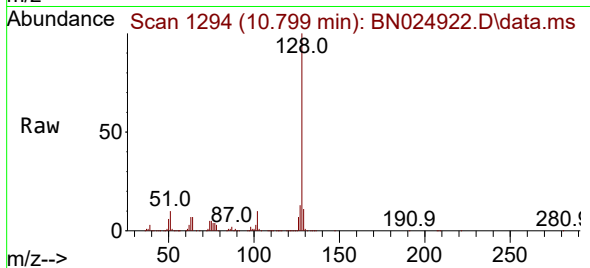
Tgt Ion:128 Resp: 2197975

Ion Ratio Lower Upper

128 100

129 10.7 8.4 12.6

127 13.0 10.7 16.1



#32

4-Chloroaniline

Concen: 3.730 ng/ul

RT: 10.916 min Scan# 1314

Delta R.T. -0.000 min

Lab File: BN024922.D

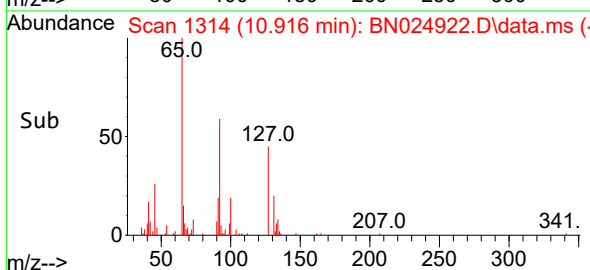
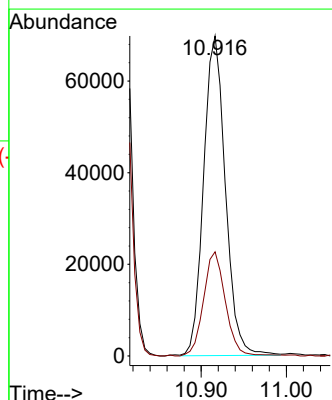
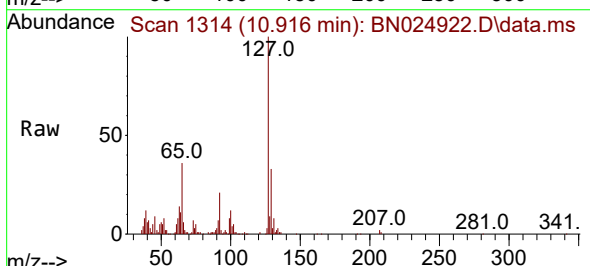
Acq: 15 Apr 2023 06:45

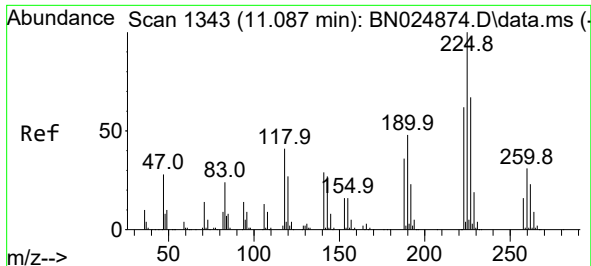
Tgt Ion:127 Resp: 123908

Ion Ratio Lower Upper

127 100

129 32.5 25.5 38.3

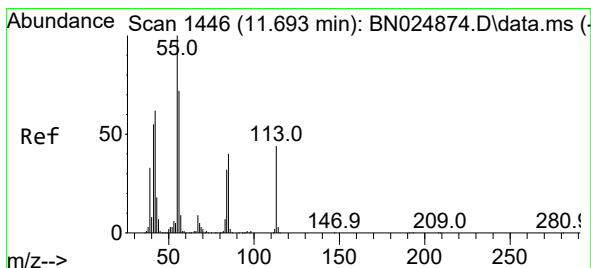
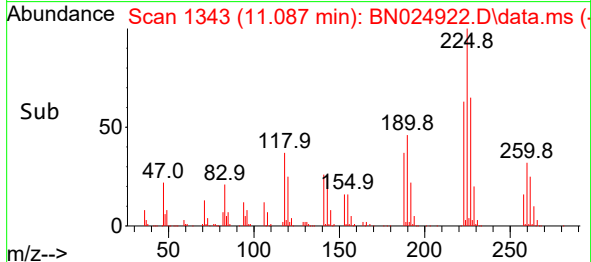
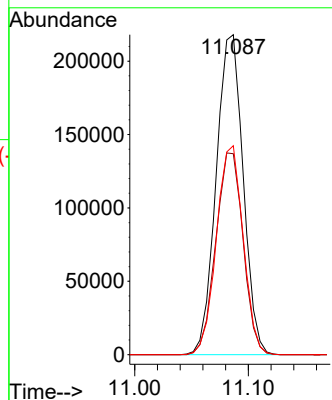
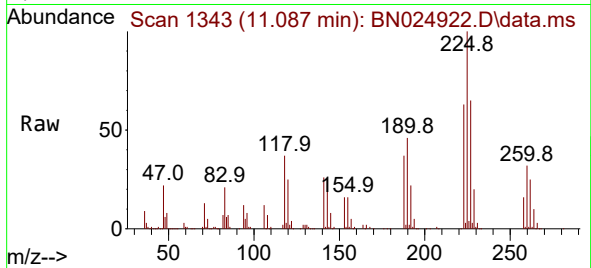




#33
Hexachlorobutadiene
Concen: 28.455 ng/ul
RT: 11.087 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN024922.D
Acq: 15 Apr 2023 06:45

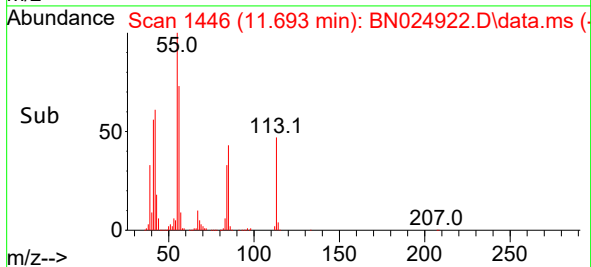
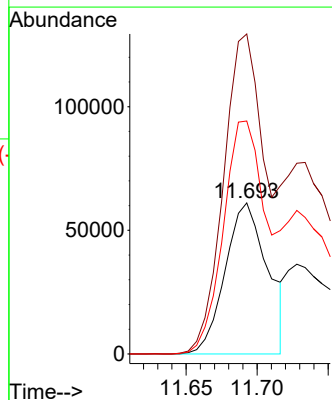
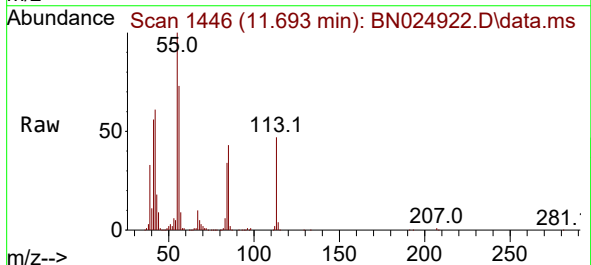
Instrument :
BNA_N
ClientSampleId :
SLCS131

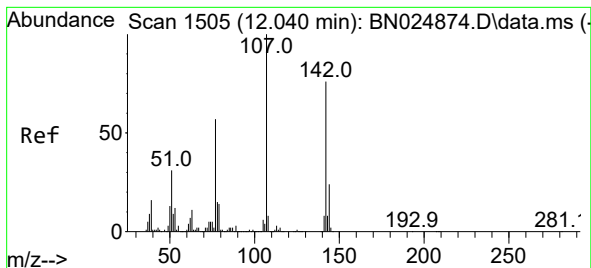
Tgt Ion:225 Resp: 359899
Ion Ratio Lower Upper
225 100
223 62.8 45.9 68.9
227 65.3 51.2 76.8



#34
Caprolactam
Concen: 16.714 ng/ul
RT: 11.693 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BN024922.D
Acq: 15 Apr 2023 06:45

Tgt Ion:113 Resp: 127123
Ion Ratio Lower Upper
113 100
55 211.9 188.3 282.5
56 154.3 133.5 200.3

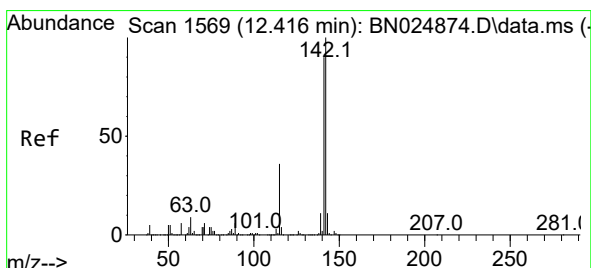
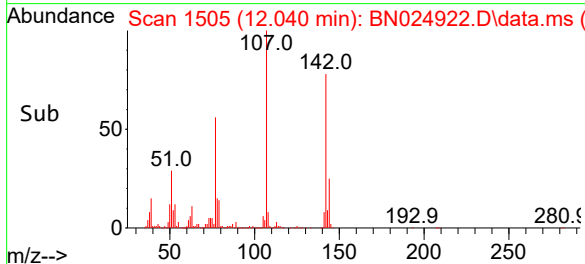
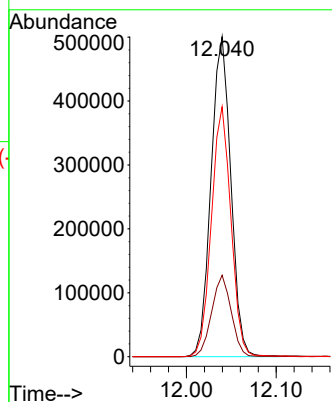
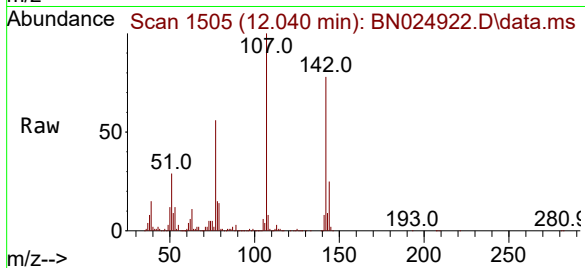




#35
4-Chloro-3-methylphenol
Concen: 30.228 ng/ul
RT: 12.040 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BN024922.D
Acq: 15 Apr 2023 06:45

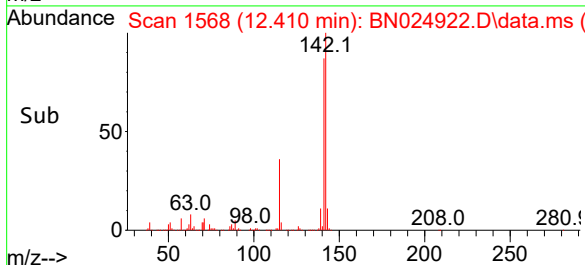
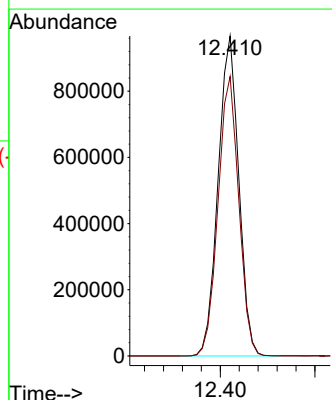
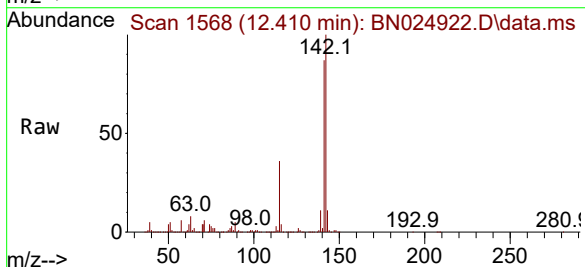
Instrument :
BNA_N
ClientSampleId :
SLCS131

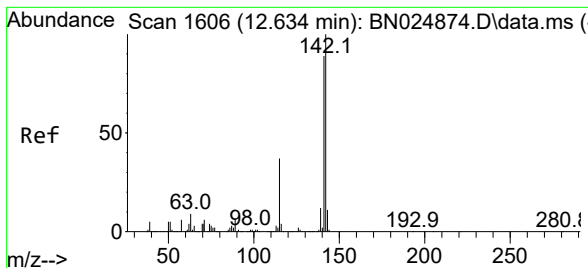
Tgt Ion:107 Resp: 769099
Ion Ratio Lower Upper
107 100
144 25.5 19.6 29.4
142 78.1 60.7 91.1



#36
2-Methylnaphthalene
Concen: 28.743 ng/ul
RT: 12.410 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BN024922.D
Acq: 15 Apr 2023 06:45

Tgt Ion:142 Resp: 1463346
Ion Ratio Lower Upper
142 100
141 87.4 71.4 107.2





#37

1-Methylnaphthalene

Concen: 29.479 ng/ul

RT: 12.628 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN024922.D

Acq: 15 Apr 2023 06:45

Instrument :

BNA_N

ClientSampleId :

SLCS131

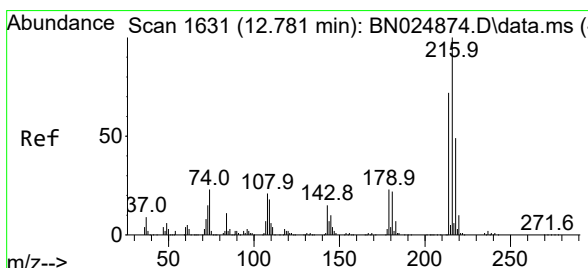
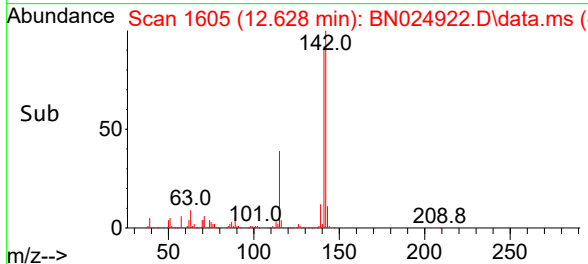
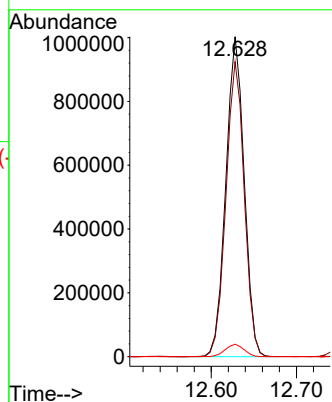
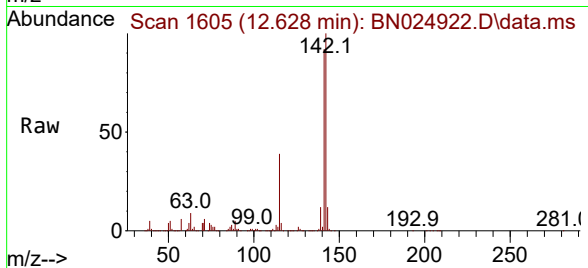
Tgt Ion:142 Resp: 1498144

Ion Ratio Lower Upper

142 100

141 92.2 73.5 110.3

116 3.9 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 28.428 ng/ul

RT: 12.775 min Scan# 1630

Delta R.T. -0.006 min

Lab File: BN024922.D

Acq: 15 Apr 2023 06:45

Tgt Ion:216 Resp: 716436

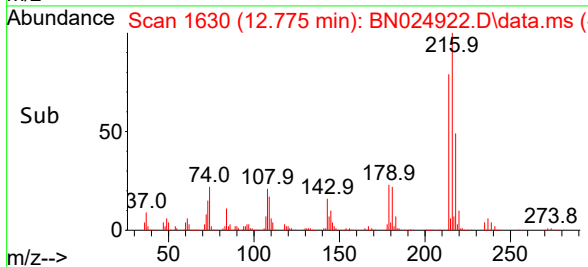
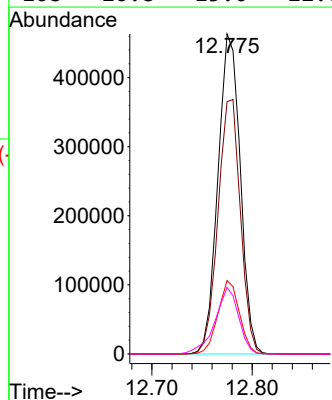
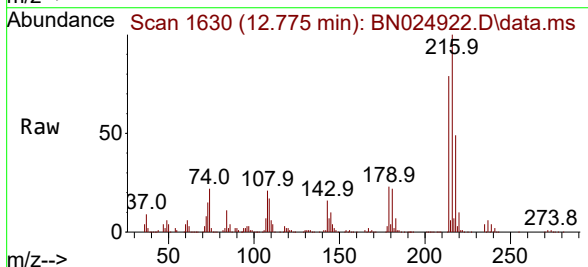
Ion Ratio Lower Upper

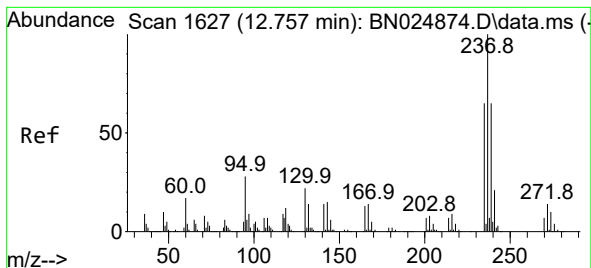
216 100

214 78.8 62.2 93.4

179 23.0 16.8 25.2

108 20.8 15.0 22.6





#40

Hexachlorocyclopentadiene

Concen: 27.704 ng/ul

RT: 12.757 min Scan# 1671

Delta R.T. -0.000 min

Lab File: BN024922.D

Acq: 15 Apr 2023 06:45

Instrument :

BNA_N

ClientSampleId :

SLCS131

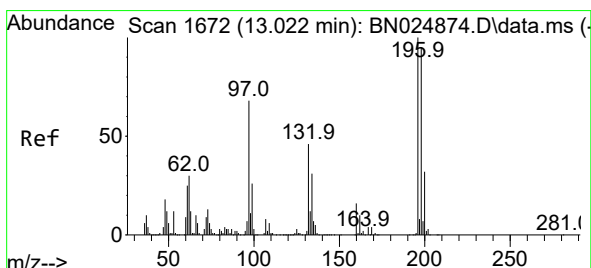
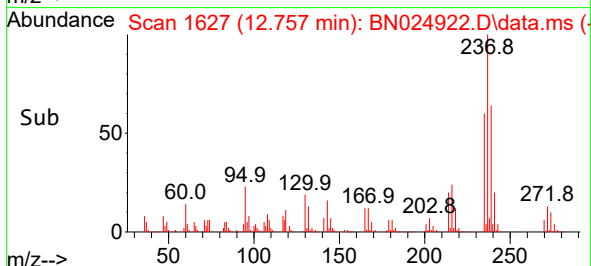
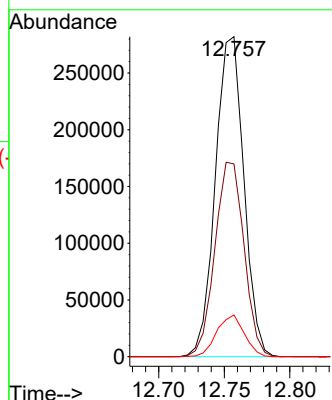
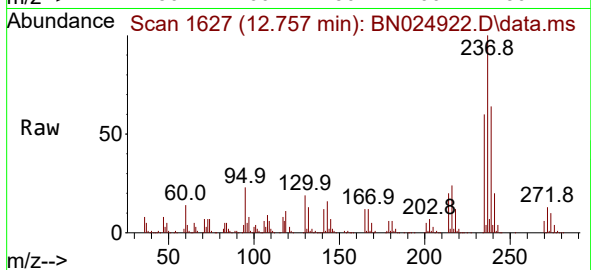
Tgt Ion:237 Resp: 425754

Ion Ratio Lower Upper

237 100

235 60.2 49.9 74.9

272 13.0 10.2 15.4



#41

2,4,6-Trichlorophenol

Concen: 28.781 ng/ul

RT: 13.016 min Scan# 1671

Delta R.T. -0.006 min

Lab File: BN024922.D

Acq: 15 Apr 2023 06:45

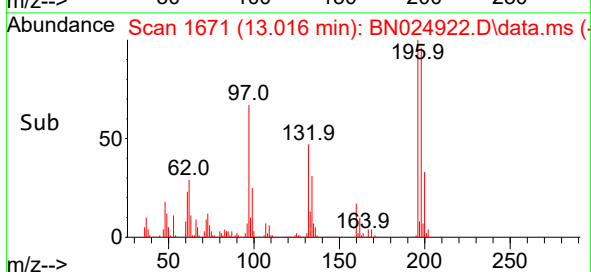
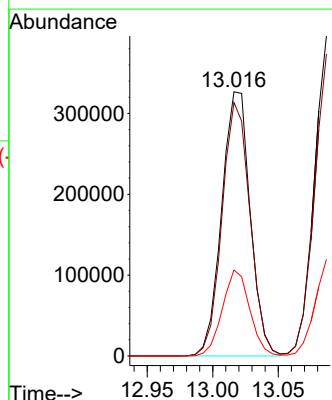
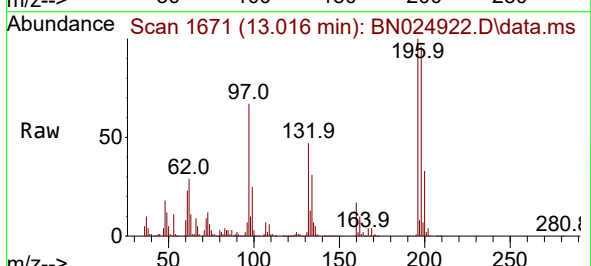
Tgt Ion:196 Resp: 495588

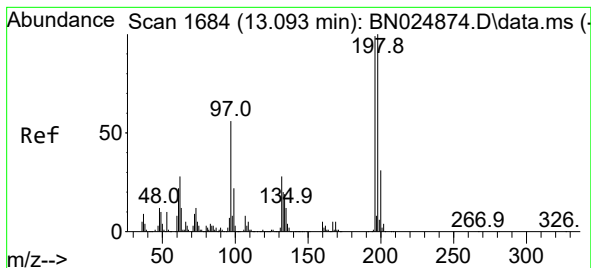
Ion Ratio Lower Upper

196 100

198 95.9 74.5 111.7

200 32.5 24.3 36.5





#42

2,4,5-Trichlorophenol

Concen: 30.543 ng/ul

RT: 13.087 min Scan# 1

Delta R.T. -0.006 min

Lab File: BN024922.D

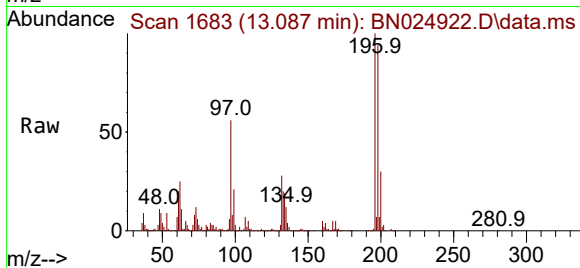
Acq: 15 Apr 2023 06:45

Instrument :

BNA_N

ClientSampleId :

SLCS131



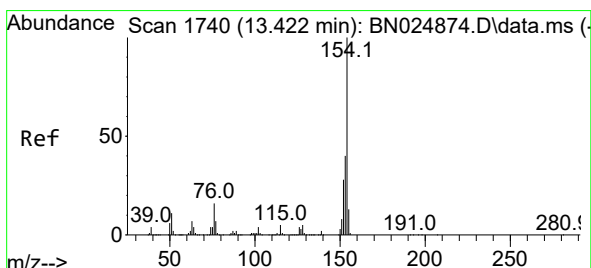
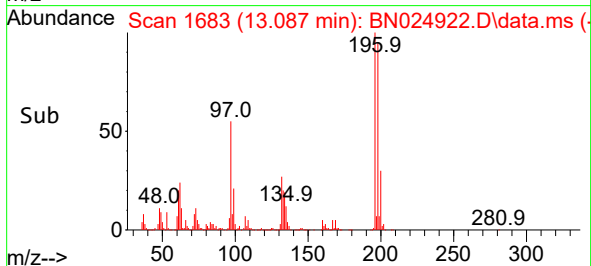
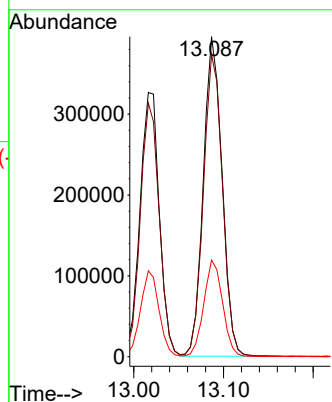
Tgt Ion:196 Resp: 575545

Ion Ratio Lower Upper

196 100

198 94.4 78.2 117.2

200 30.2 24.0 36.0



#43

1,1'-Biphenyl

Concen: 28.100 ng/ul

RT: 13.416 min Scan# 1739

Delta R.T. -0.006 min

Lab File: BN024922.D

Acq: 15 Apr 2023 06:45

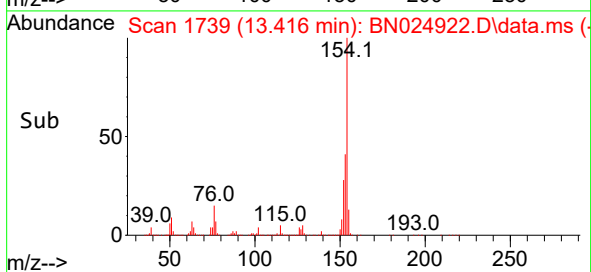
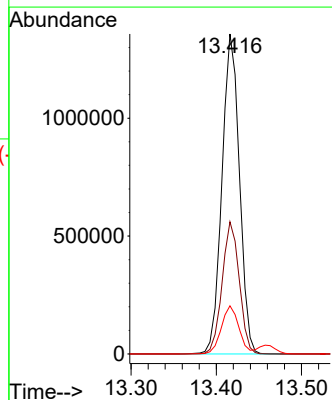
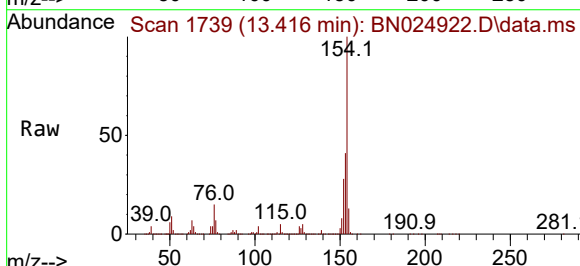
Tgt Ion:154 Resp: 1934360

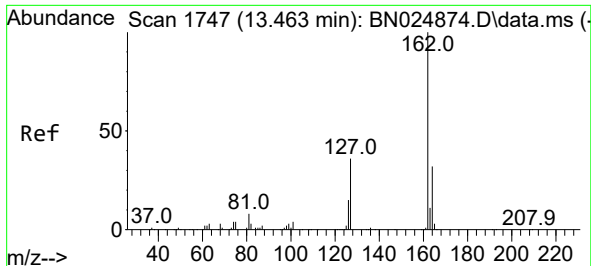
Ion Ratio Lower Upper

154 100

153 41.3 32.2 48.2

76 15.1 12.4 18.6

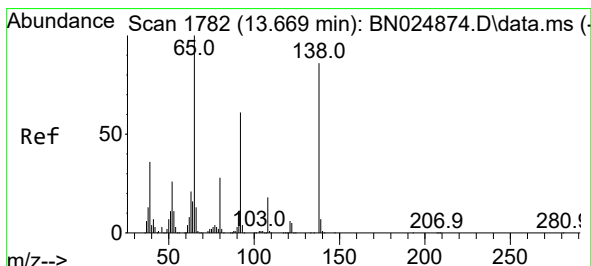
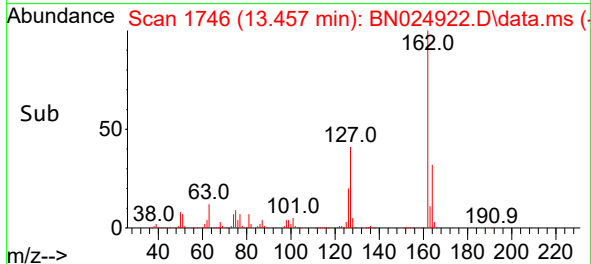
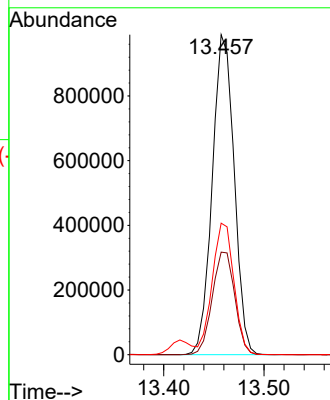
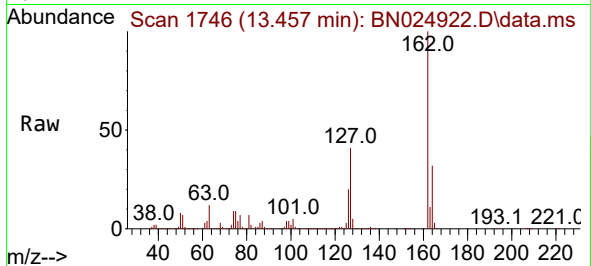




#44
2-Chloronaphthalene
Concen: 28.106 ng/ul
RT: 13.457 min Scan# 1746
Delta R.T. -0.006 min
Lab File: BN024922.D
Acq: 15 Apr 2023 06:45

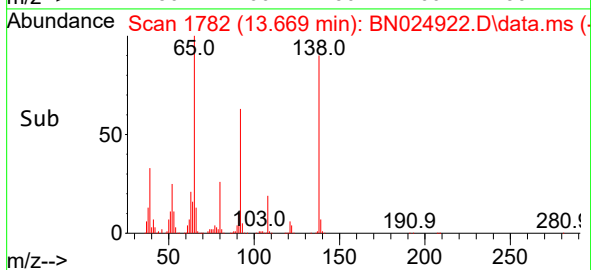
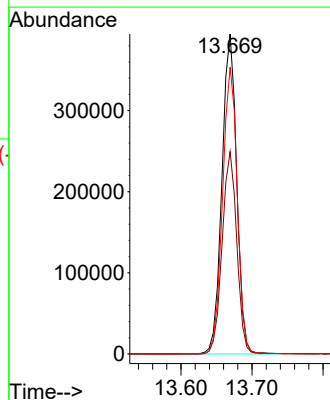
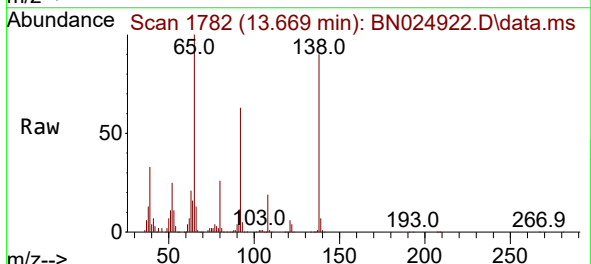
Instrument :
BNA_N
ClientSampleId :
SLCS131

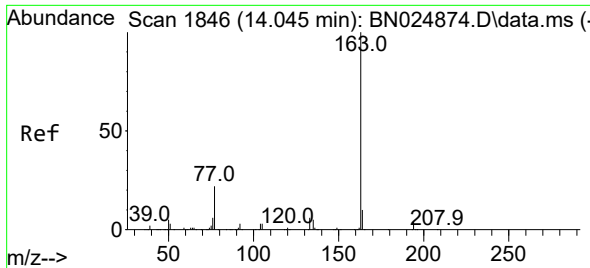
Tgt Ion:162 Resp: 1502332
Ion Ratio Lower Upper
162 100
164 32.1 25.9 38.9
127 41.1 32.9 49.3



#45
2-Nitroaniline
Concen: 30.307 ng/ul
RT: 13.669 min Scan# 1782
Delta R.T. -0.000 min
Lab File: BN024922.D
Acq: 15 Apr 2023 06:45

Tgt Ion: 65 Resp: 565676
Ion Ratio Lower Upper
65 100
92 63.3 50.7 76.1
138 89.6 71.4 107.2

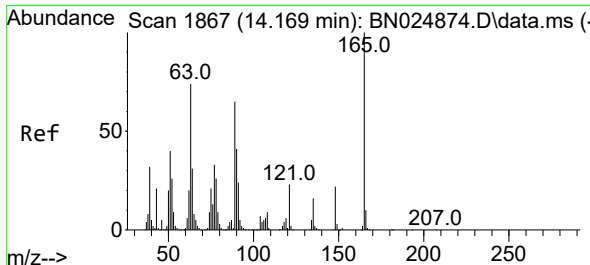
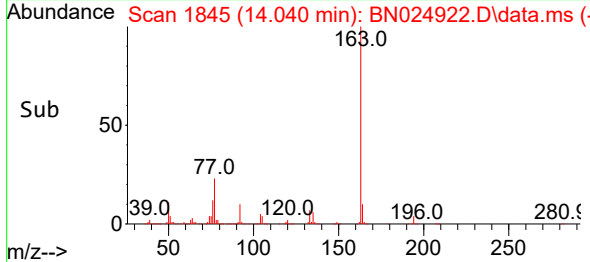
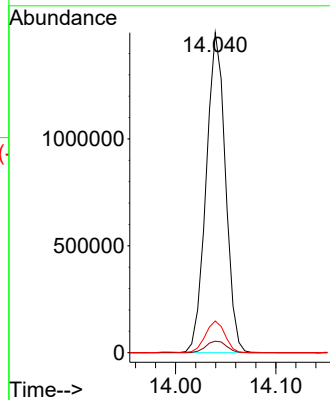
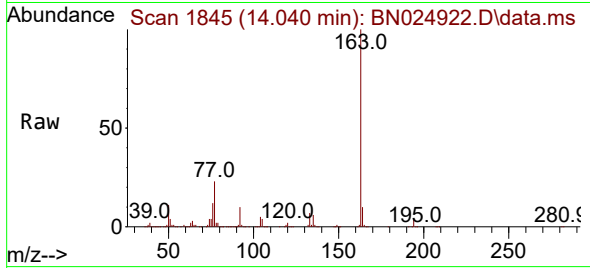




#47
Dimethylphthalate
Concen: 29.730 ng/ul
RT: 14.040 min Scan# 1845
Delta R.T. -0.000 min
Lab File: BN024922.D
Acq: 15 Apr 2023 06:45

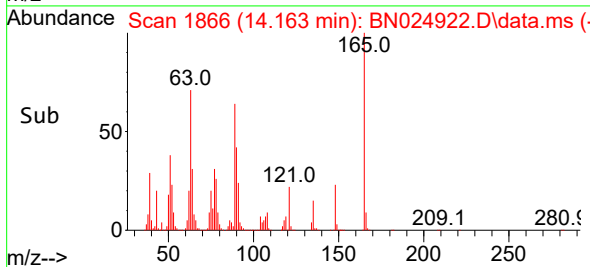
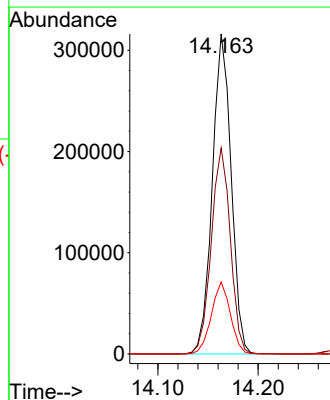
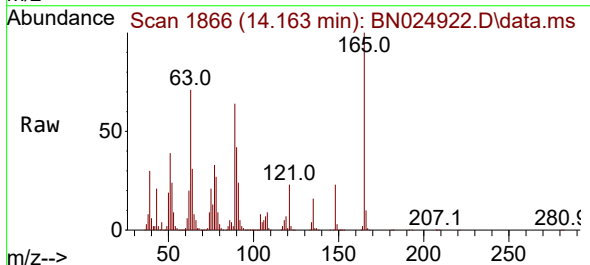
Instrument :
BNA_N
ClientSampleId :
SLCS131

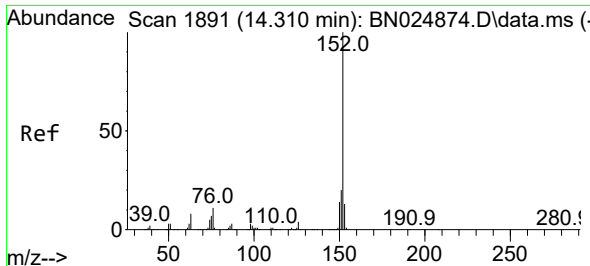
Tgt Ion:163 Resp: 2003579
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 9.9 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 31.326 ng/ul
RT: 14.163 min Scan# 1866
Delta R.T. -0.000 min
Lab File: BN024922.D
Acq: 15 Apr 2023 06:45

Tgt Ion:165 Resp: 412067
Ion Ratio Lower Upper
165 100
89 64.4 49.8 74.8
121 22.5 17.2 25.8

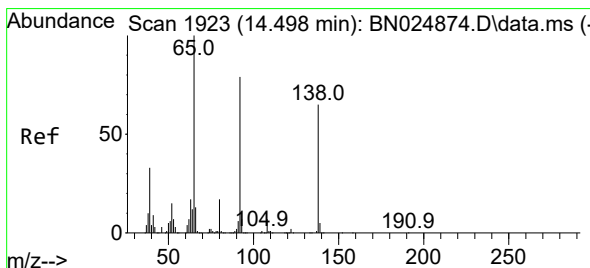
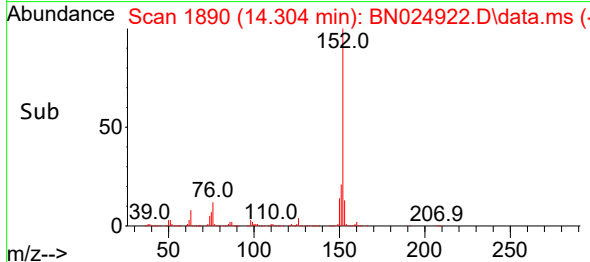
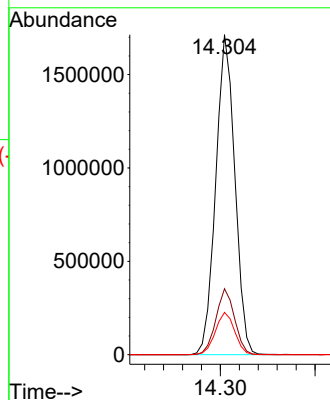
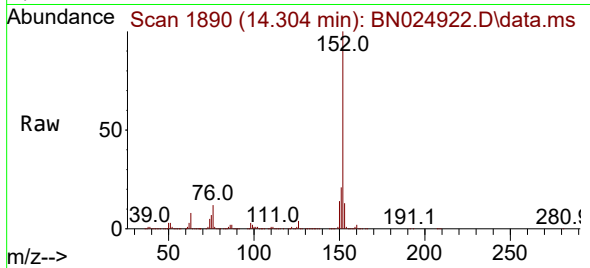




#50
Acenaphthylene
Concen: 28.483 ng/ul
RT: 14.304 min Scan# 1890
Delta R.T. -0.000 min
Lab File: BN024922.D
Acq: 15 Apr 2023 06:45

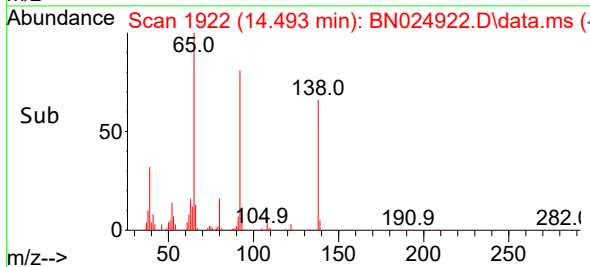
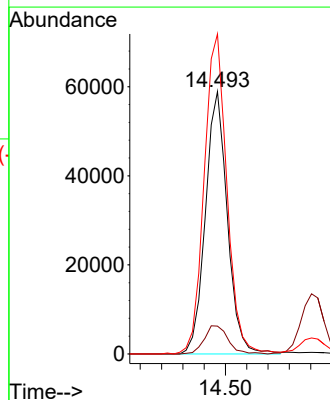
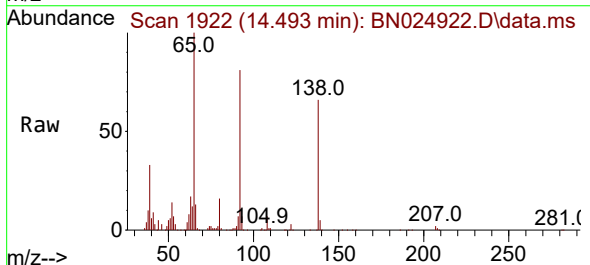
Instrument :
BNA_N
ClientSampleId :
SLCS131

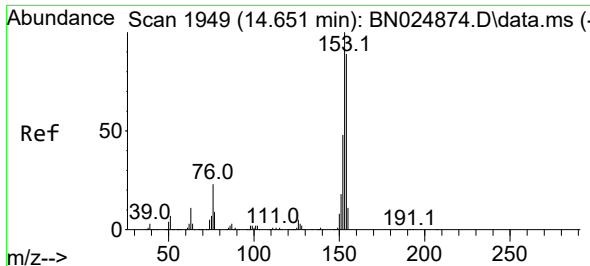
Tgt Ion:152 Resp: 2401201
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.2 10.6 16.0



#51
3-Nitroaniline
Concen: 6.113 ng/ul
RT: 14.493 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BN024922.D
Acq: 15 Apr 2023 06:45

Tgt Ion:138 Resp: 84496
Ion Ratio Lower Upper
138 100
108 10.6 8.6 12.8
92 122.0 99.5 149.3

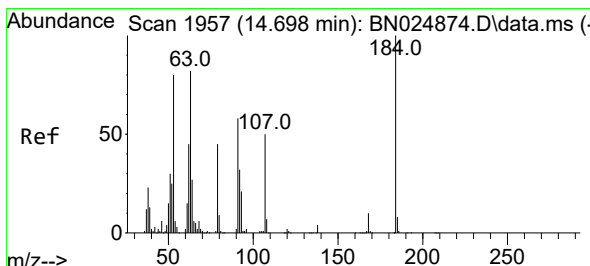
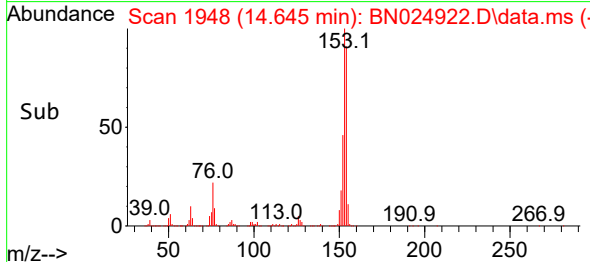
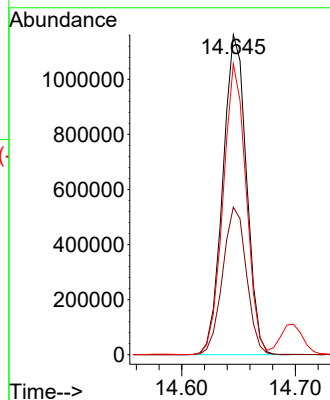
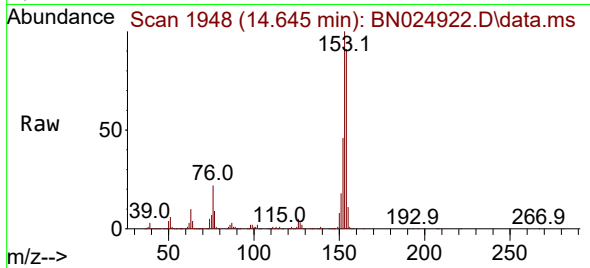




#52
Acenaphthene
Concen: 28.781 ng/ul
RT: 14.645 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BN024922.D
Acq: 15 Apr 2023 06:45

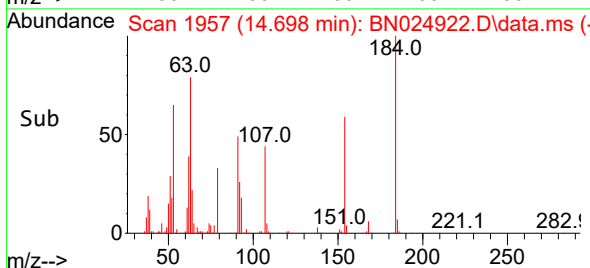
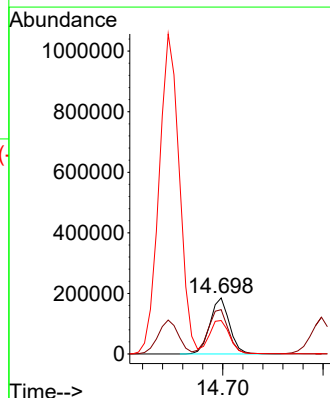
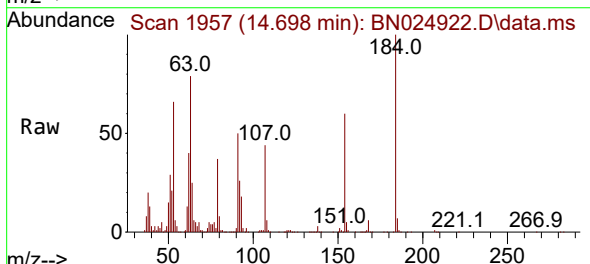
Instrument :
BNA_N
ClientSampleId :
SLCS131

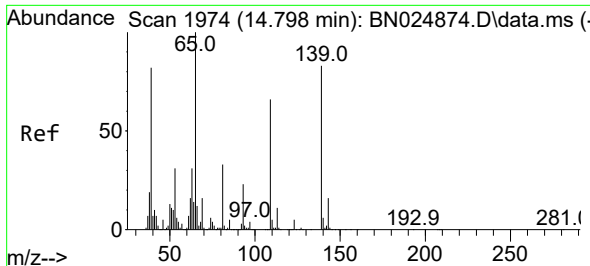
Tgt Ion:153 Resp: 1677428
Ion Ratio Lower Upper
153 100
152 46.1 38.8 58.2
154 90.9 70.3 105.5



#53
2,4-Dinitrophenol
Concen: 29.470 ng/ul
RT: 14.698 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BN024922.D
Acq: 15 Apr 2023 06:45

Tgt Ion:184 Resp: 249245
Ion Ratio Lower Upper
184 100
63 79.1 62.6 93.8
154 59.7 50.9 76.3

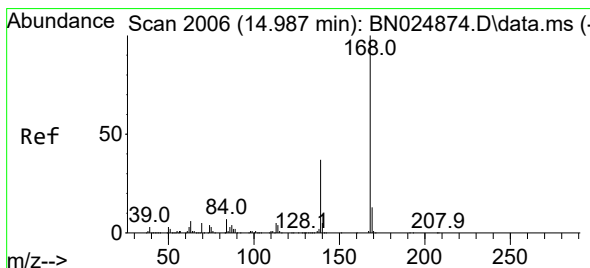
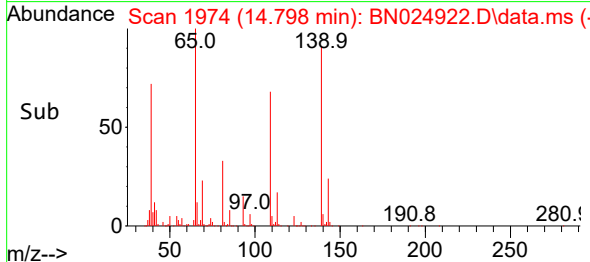
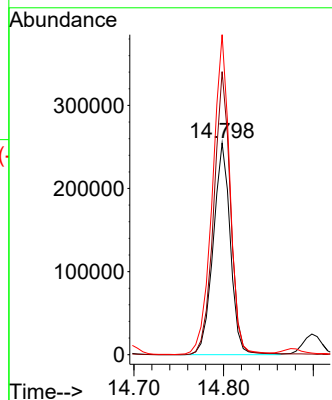
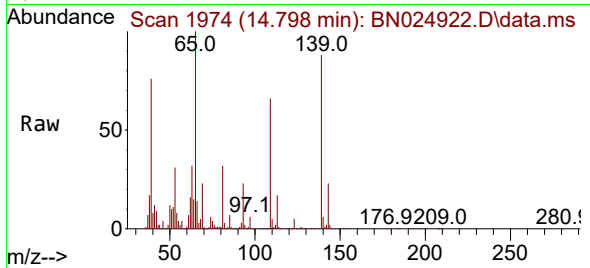




#55
4-Nitrophenol
Concen: 30.183 ng/ul
RT: 14.798 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BN024922.D
Acq: 15 Apr 2023 06:45

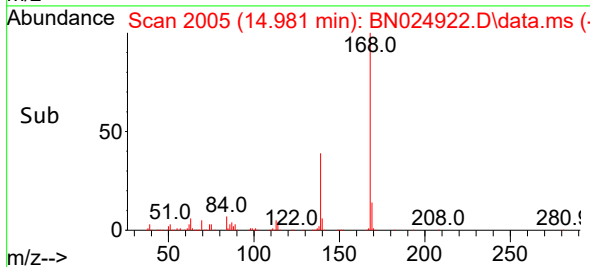
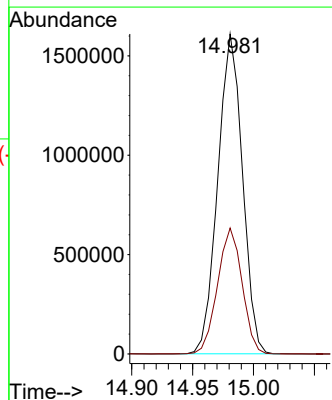
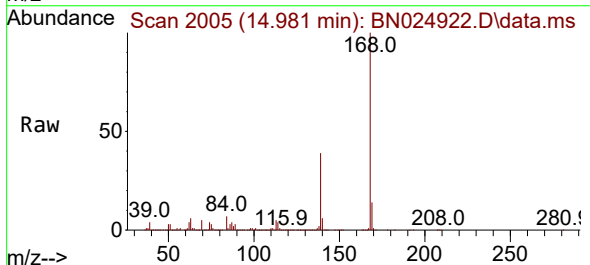
Instrument :
BNA_N
ClientSampleId :
SLCS131

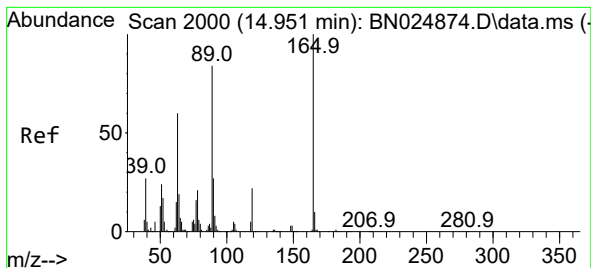
Tgt Ion:109 Resp: 337288
Ion Ratio Lower Upper
109 100
139 133.7 104.3 156.5
65 151.1 124.3 186.5



#56
Dibenzofuran
Concen: 28.239 ng/ul
RT: 14.981 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BN024922.D
Acq: 15 Apr 2023 06:45

Tgt Ion:168 Resp: 2268566
Ion Ratio Lower Upper
168 100
139 39.3 32.1 48.1





#57

2,4-Dinitrotoluene

Concen: 32.321 ng/ul

RT: 14.951 min Scan# 2000

Delta R.T. -0.000 min

Lab File: BN024922.D

Acq: 15 Apr 2023 06:45

Instrument :

BNA_N

ClientSampleId :

SLCS131

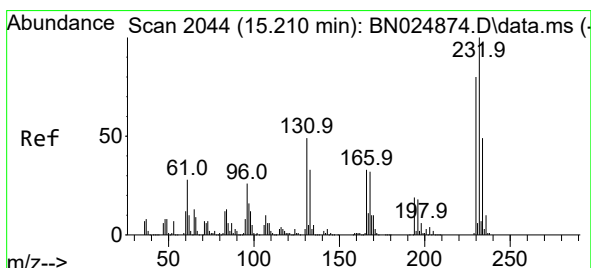
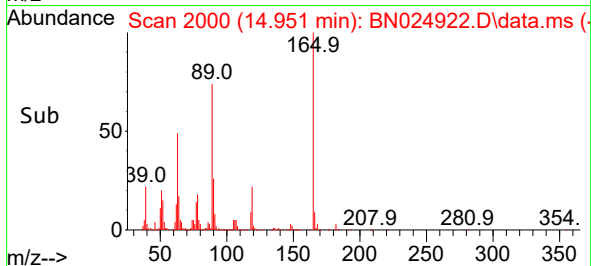
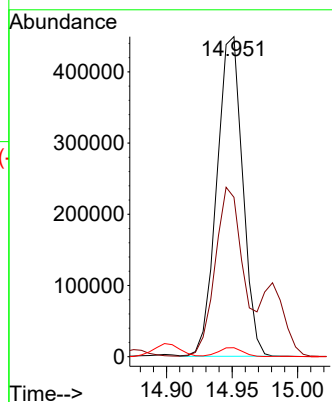
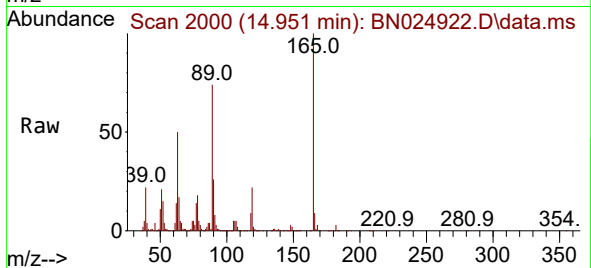
Tgt Ion:165 Resp: 615432

Ion Ratio Lower Upper

165 100

63 49.8 45.4 68.0

182 2.8 2.2 3.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 29.663 ng/ul

RT: 15.210 min Scan# 2044

Delta R.T. 0.006 min

Lab File: BN024922.D

Acq: 15 Apr 2023 06:45

Tgt Ion:232 Resp: 460280

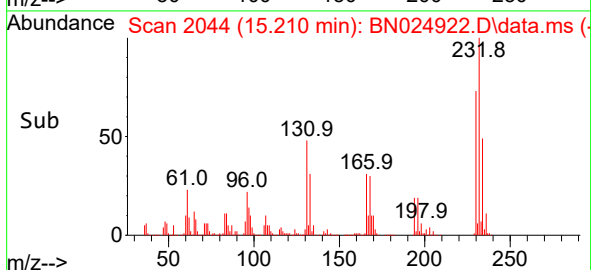
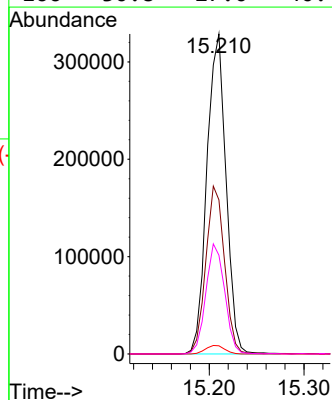
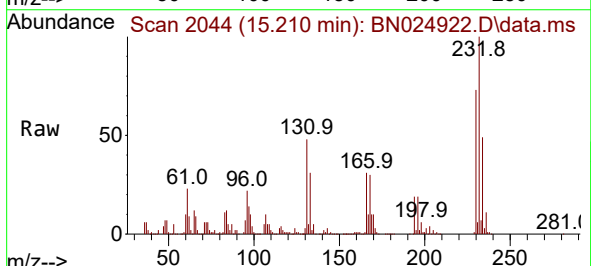
Ion Ratio Lower Upper

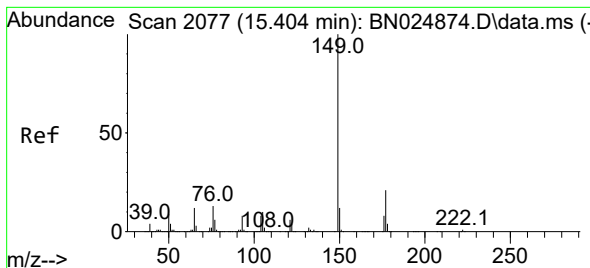
232 100

131 48.2 40.6 61.0

130 2.5 2.2 3.2

166 30.8 27.0 40.4





#59

Diethylphthalate

Concen: 30.272 ng/ul

RT: 15.404 min Scan# 2077

Delta R.T. -0.000 min

Lab File: BN024922.D

Acq: 15 Apr 2023 06:45

Instrument :

BNA_N

ClientSampleId :

SLCS131

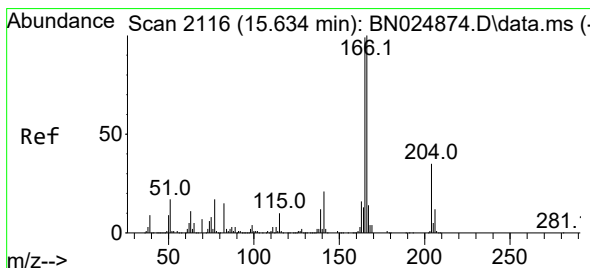
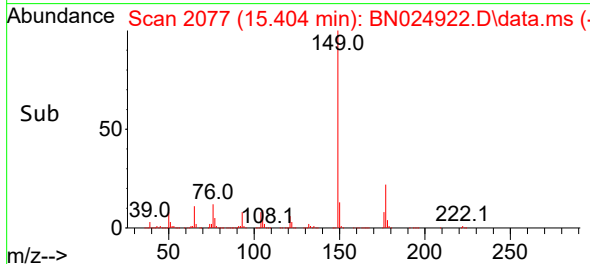
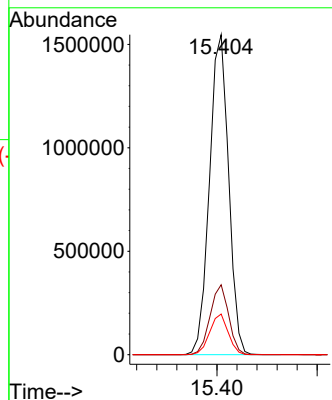
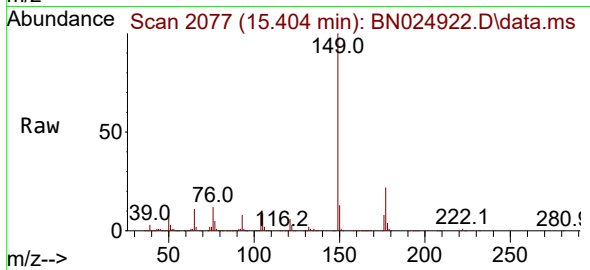
Tgt Ion:149 Resp: 2050003

Ion Ratio Lower Upper

149 100

177 21.9 16.6 24.8

150 12.7 10.1 15.1



#61

Fluorene

Concen: 29.551 ng/ul

RT: 15.628 min Scan# 2115

Delta R.T. -0.006 min

Lab File: BN024922.D

Acq: 15 Apr 2023 06:45

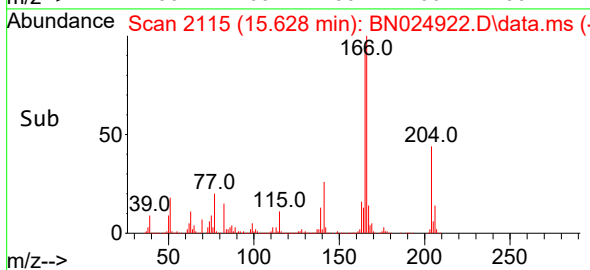
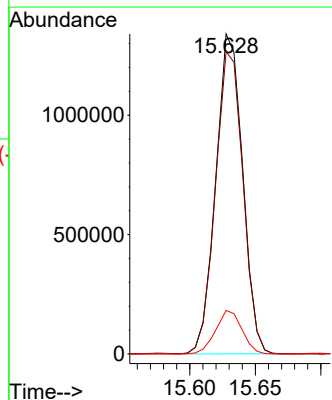
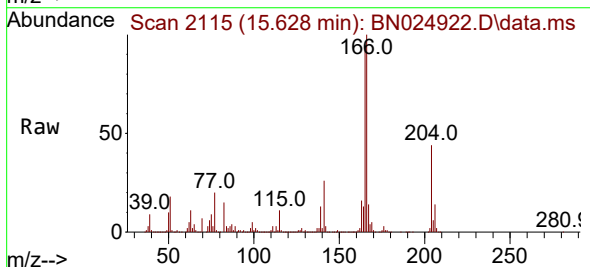
Tgt Ion:166 Resp: 1909450

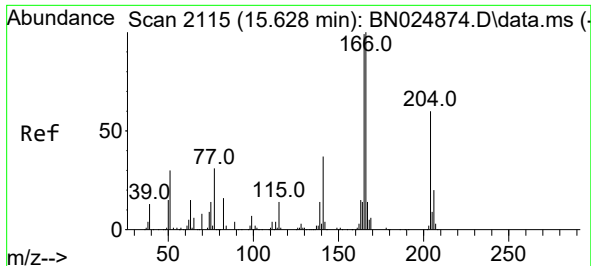
Ion Ratio Lower Upper

166 100

165 94.5 79.1 118.7

167 13.6 10.8 16.2

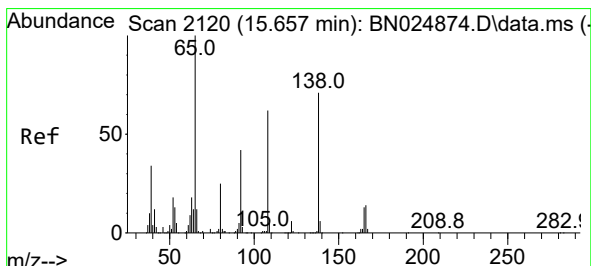
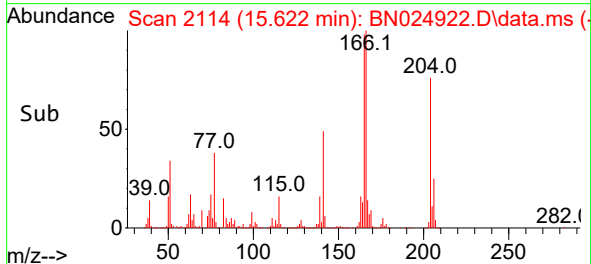
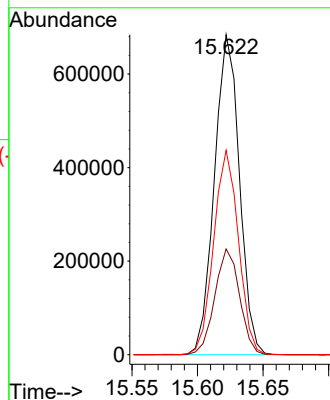
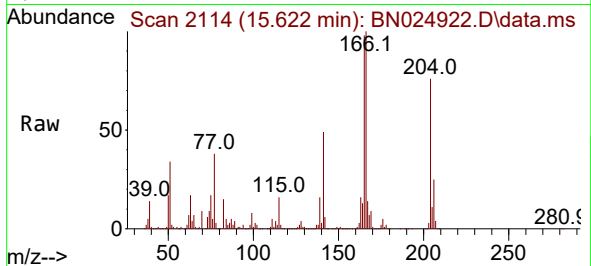




#62
4-Chlorophenyl-phenylether
Concen: 30.132 ng/ul
RT: 15.622 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BN024922.D
Acq: 15 Apr 2023 06:45

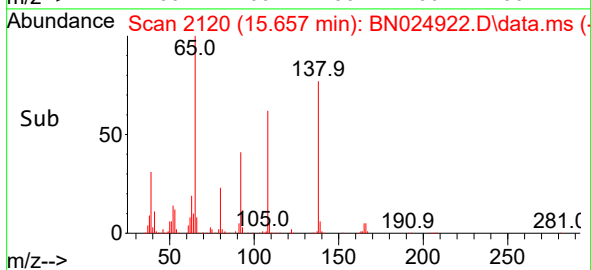
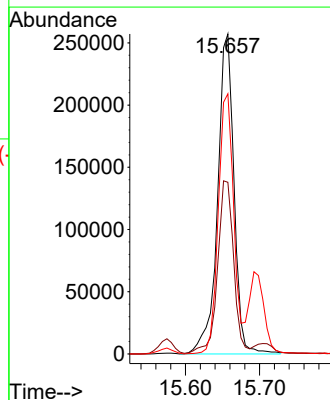
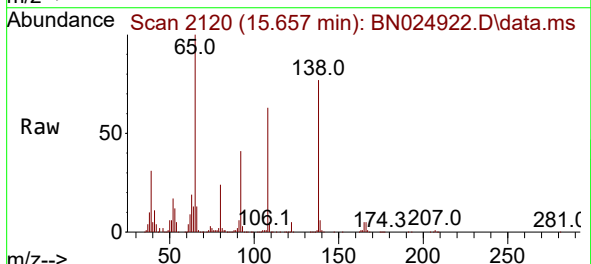
Instrument :
BNA_N
ClientSampleId :
SLCS131

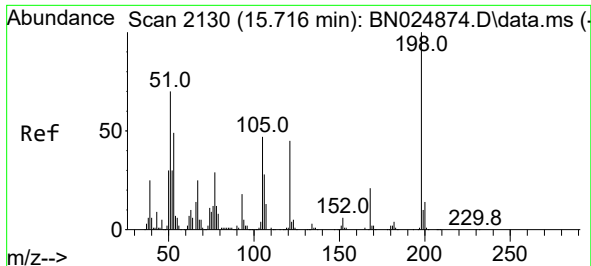
Tgt Ion:204 Resp: 906230
Ion Ratio Lower Upper
204 100
206 33.0 26.0 39.0
141 63.9 51.8 77.8



#63
4-Nitroaniline
Concen: 29.092 ng/ul
RT: 15.657 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BN024922.D
Acq: 15 Apr 2023 06:45

Tgt Ion:138 Resp: 396310
Ion Ratio Lower Upper
138 100
92 53.7 43.3 64.9
108 81.3 64.2 96.4

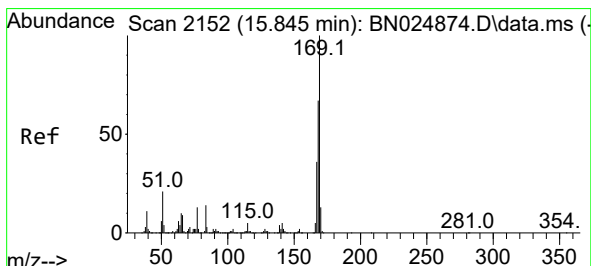
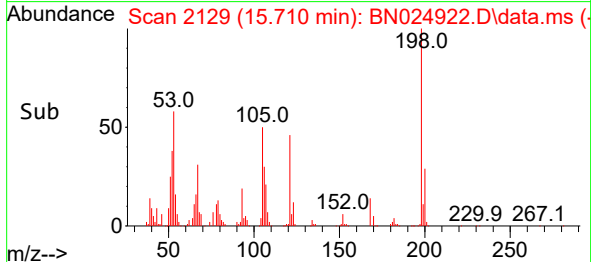
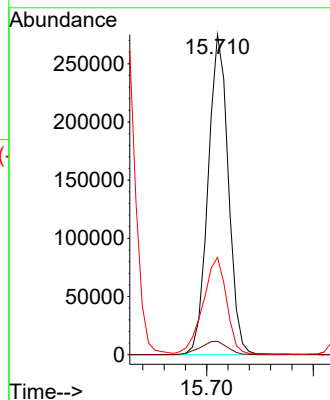
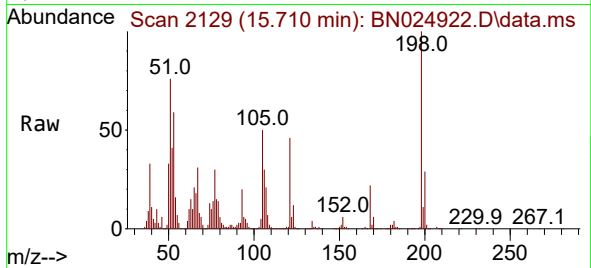




#66
4,6-Dinitro-2-methylphenol
Concen: 29.912 ng/ul
RT: 15.710 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BN024922.D
Acq: 15 Apr 2023 06:45

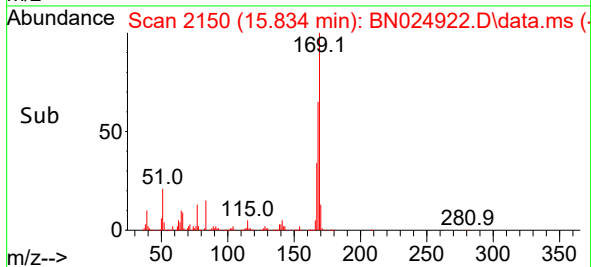
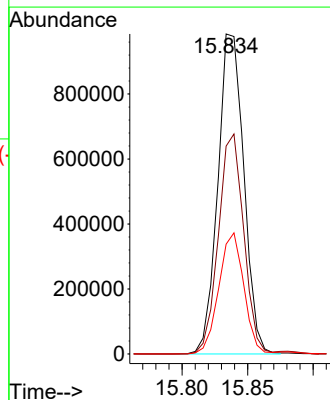
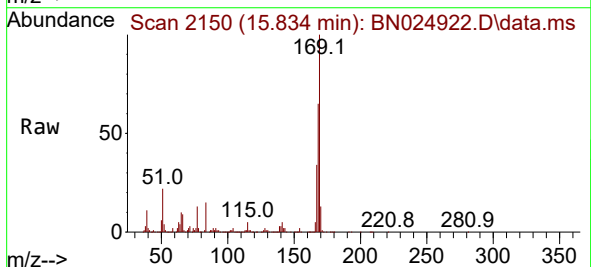
Instrument :
BNA_N
ClientSampleId :
SLCS131

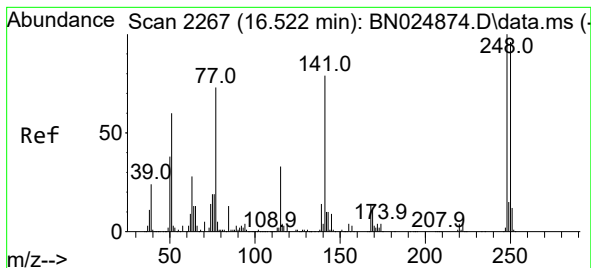
Tgt Ion:198 Resp: 362605
Ion Ratio Lower Upper
198 100
182 4.2 3.4 5.0
77 30.4 23.7 35.5



#67
N-Nitrosodiphenylamine
Concen: 23.542 ng/ul
RT: 15.834 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BN024922.D
Acq: 15 Apr 2023 06:45

Tgt Ion:169 Resp: 1358121
Ion Ratio Lower Upper
169 100
168 64.9 54.3 81.5
167 34.3 27.6 41.4

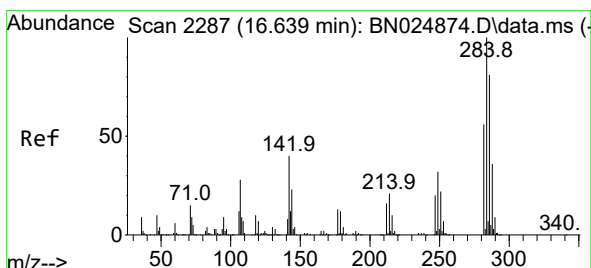
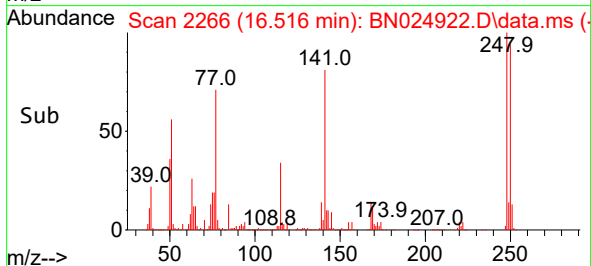
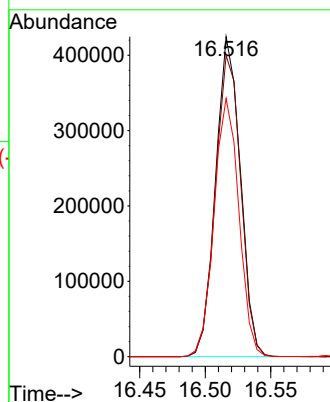
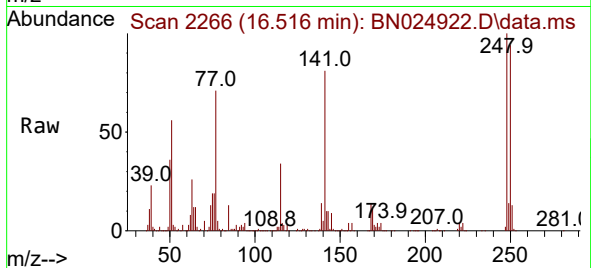




#68
4-Bromophenyl-phenylether
Concen: 29.154 ng/ul
RT: 16.516 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN024922.D
Acq: 15 Apr 2023 06:45

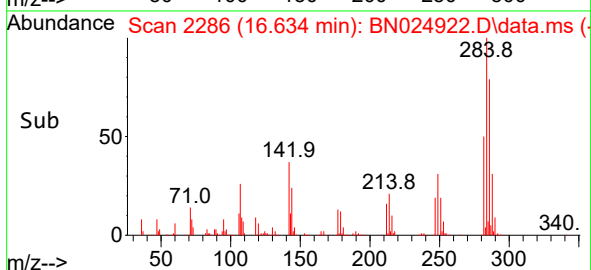
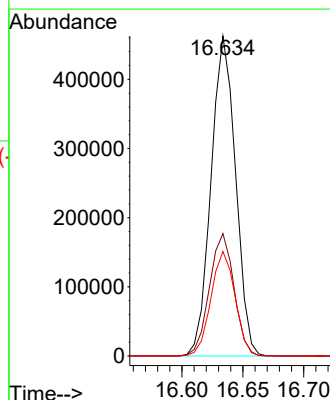
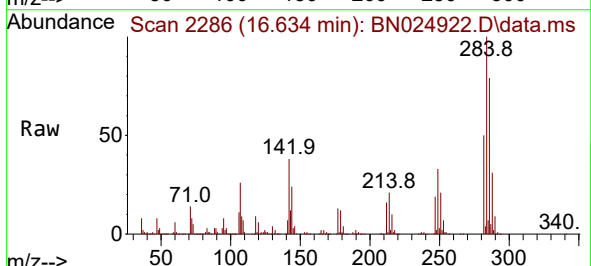
Instrument :
BNA_N
ClientSampleId :
SLCS131

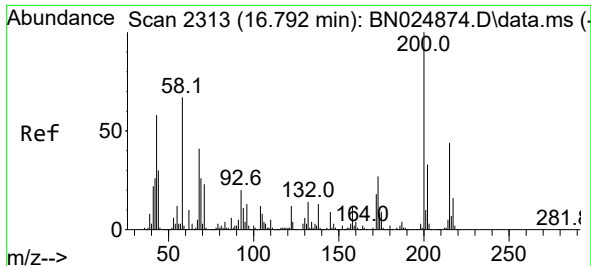
Tgt Ion:248 Resp: 557232
Ion Ratio Lower Upper
248 100
250 94.1 77.1 115.7
141 80.7 62.3 93.5



#69
Hexachlorobenzene
Concen: 29.913 ng/ul
RT: 16.634 min Scan# 2286
Delta R.T. -0.000 min
Lab File: BN024922.D
Acq: 15 Apr 2023 06:45

Tgt Ion:284 Resp: 647326
Ion Ratio Lower Upper
284 100
142 38.2 31.0 46.6
249 32.7 25.1 37.7

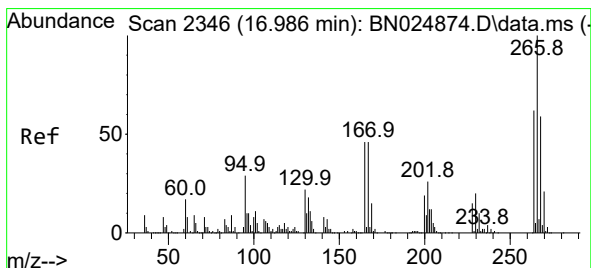
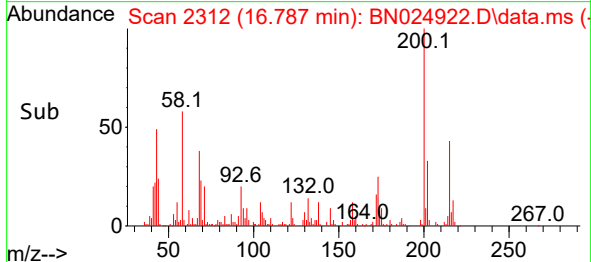
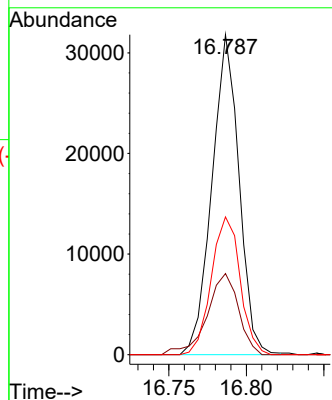
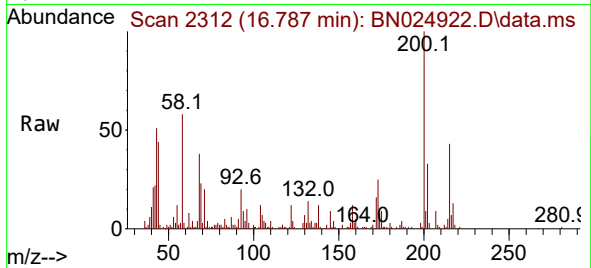




#70
 Atrazine
 Concen: 1.969 ng/ul
 RT: 16.787 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN024922.D
 Acq: 15 Apr 2023 06:45

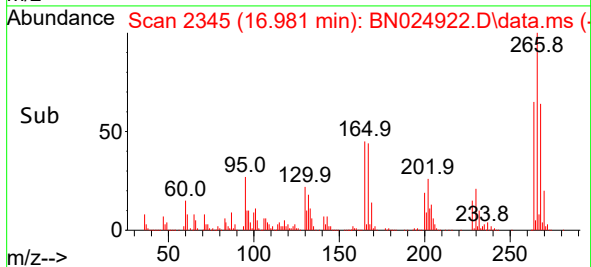
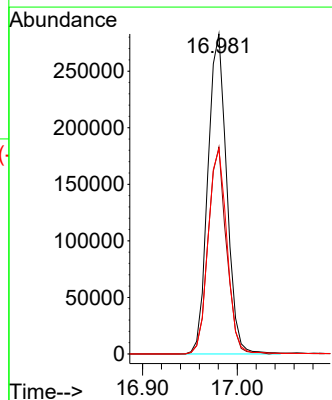
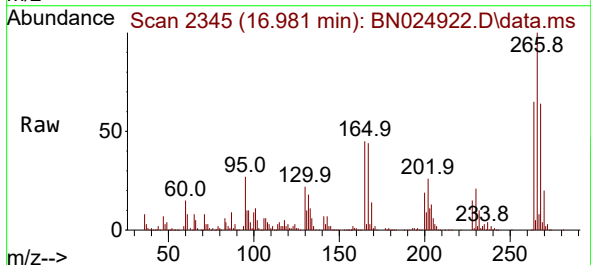
Instrument :
 BNA_N
 ClientSampleId :
 SLCS131

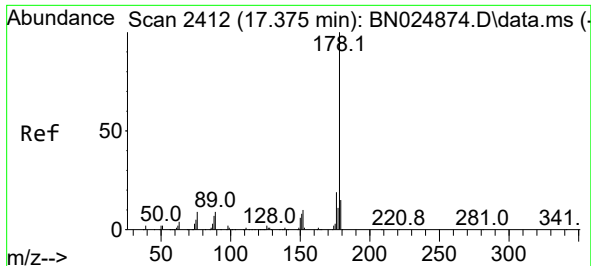
Tgt Ion:200 Resp: 38646
 Ion Ratio Lower Upper
 200 100
 173 25.4 21.4 32.2
 215 43.1 38.2 57.2



#71
 Pentachlorophenol
 Concen: 29.070 ng/ul
 RT: 16.981 min Scan# 2345
 Delta R.T. -0.000 min
 Lab File: BN024922.D
 Acq: 15 Apr 2023 06:45

Tgt Ion:266 Resp: 391022
 Ion Ratio Lower Upper
 266 100
 264 64.6 52.7 79.1
 268 64.1 51.4 77.0

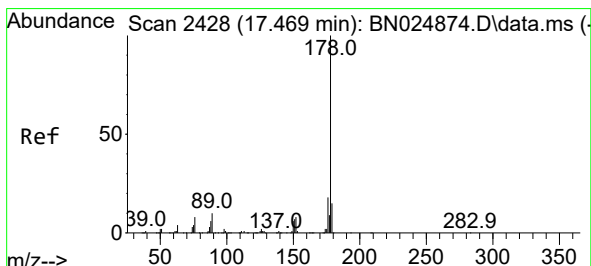
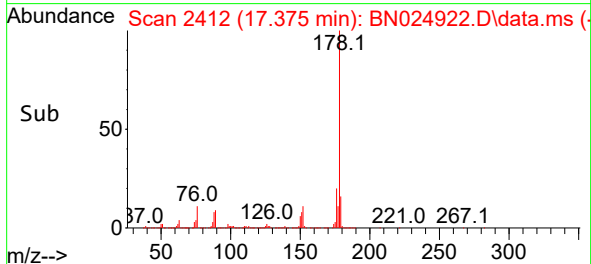
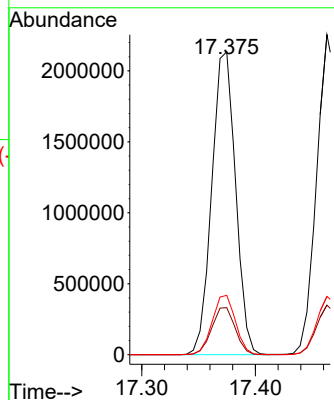
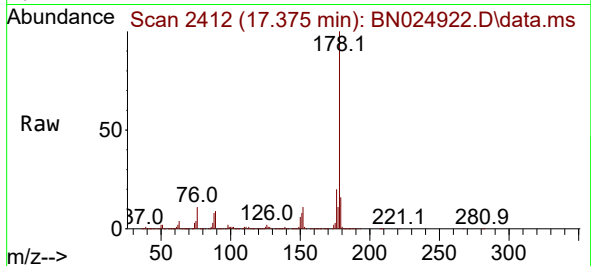




#72
Phenanthrene
Concen: 28.895 ng/ul
RT: 17.375 min Scan# 2412
Delta R.T. -0.000 min
Lab File: BN024922.D
Acq: 15 Apr 2023 06:45

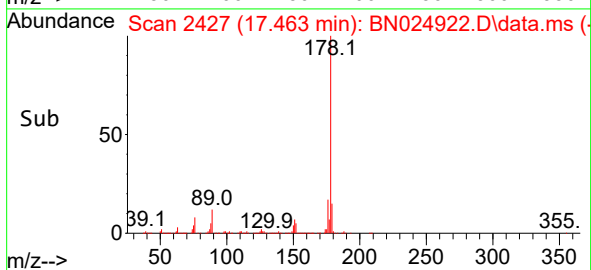
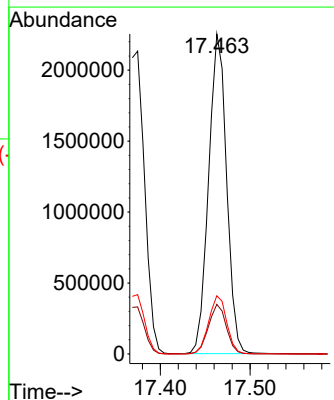
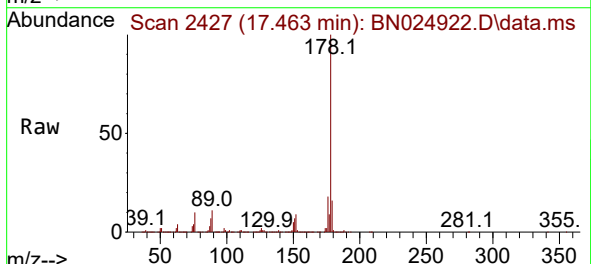
Instrument :
BNA_N
ClientSampleId :
SLCS131

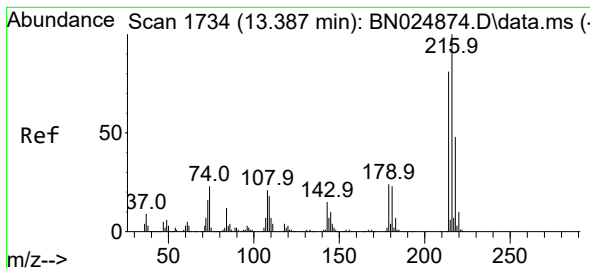
Tgt Ion:178 Resp: 3100585
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.6 15.2 22.8



#74
Anthracene
Concen: 29.003 ng/ul
RT: 17.463 min Scan# 2427
Delta R.T. -0.000 min
Lab File: BN024922.D
Acq: 15 Apr 2023 06:45

Tgt Ion:178 Resp: 3136076
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.4
176 18.2 14.6 21.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 26.928 ng/uL

RT: 13.381 min Scan# 11

Delta R.T. -0.006 min

Lab File: BN024922.D

Acq: 15 Apr 2023 06:45

Instrument :

BNA_N

ClientSampleId :

SLCS131

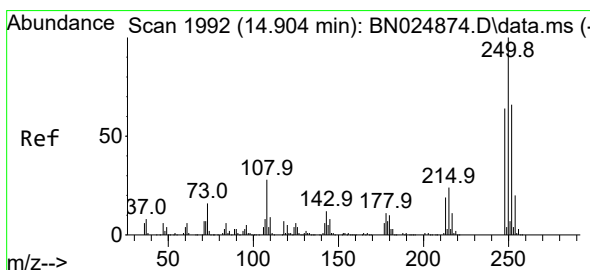
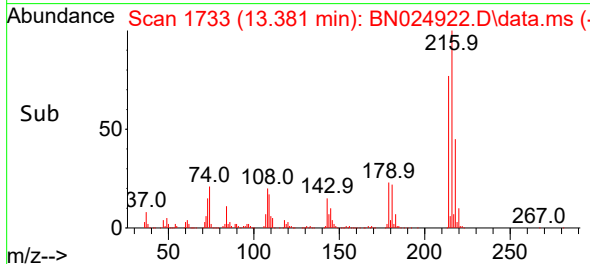
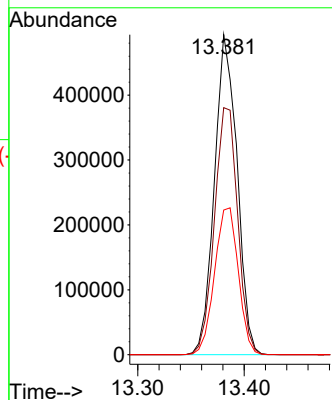
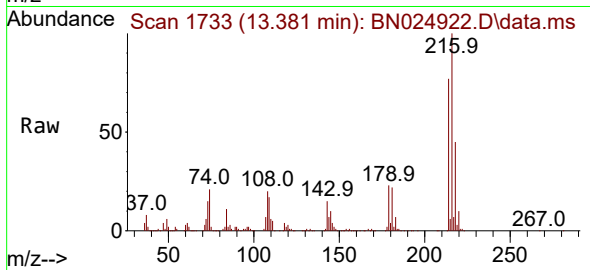
Tgt Ion:216 Resp: 728310

Ion Ratio Lower Upper

216 100

214 77.2 62.5 93.7

218 45.2 37.7 56.5



#76

Pentachlorobenzene

Concen: 28.089 ng/uL

RT: 14.898 min Scan# 1991

Delta R.T. -0.006 min

Lab File: BN024922.D

Acq: 15 Apr 2023 06:45

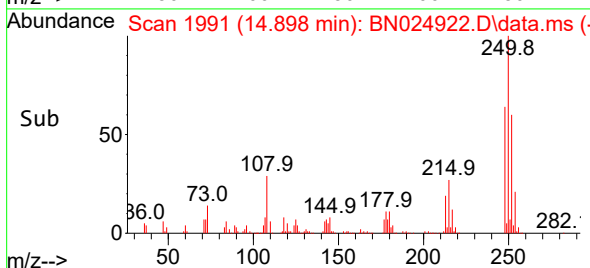
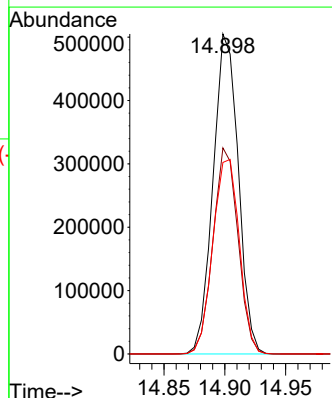
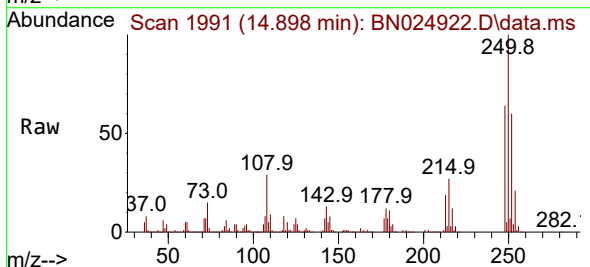
Tgt Ion:250 Resp: 726857

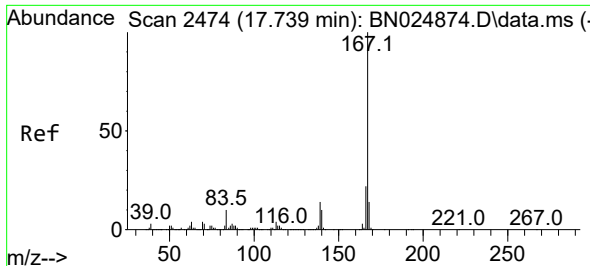
Ion Ratio Lower Upper

250 100

248 64.4 50.8 76.2

252 59.9 51.8 77.6

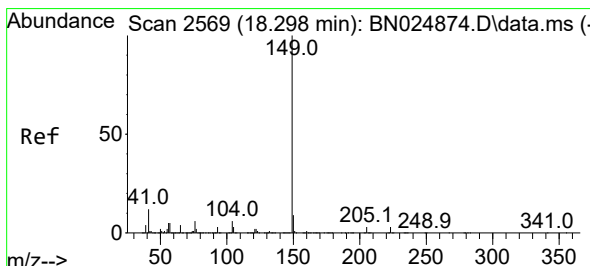
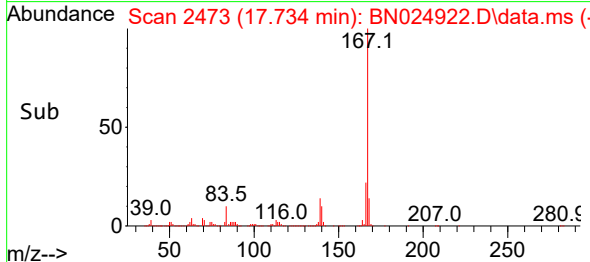
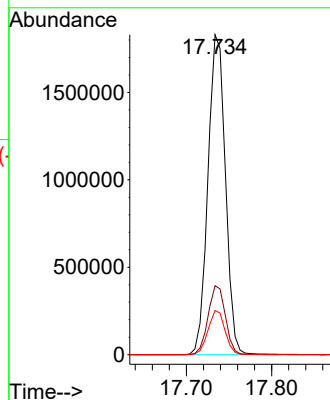
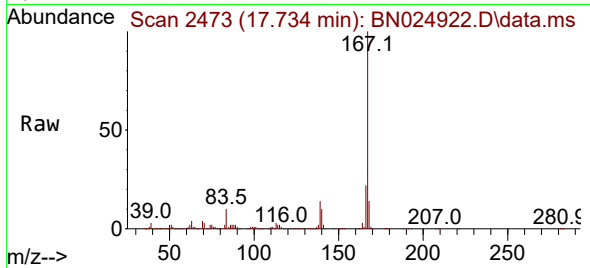




#77
 Carbazole
 Concen: 26.765 ng/ul
 RT: 17.734 min Scan# 2473
 Delta R.T. -0.006 min
 Lab File: BN024922.D
 Acq: 15 Apr 2023 06:45

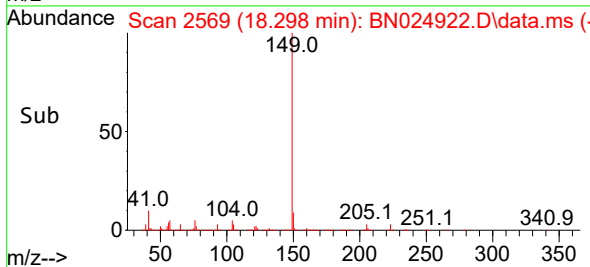
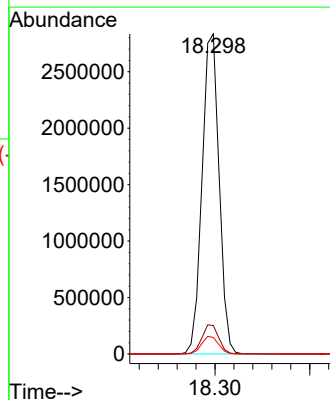
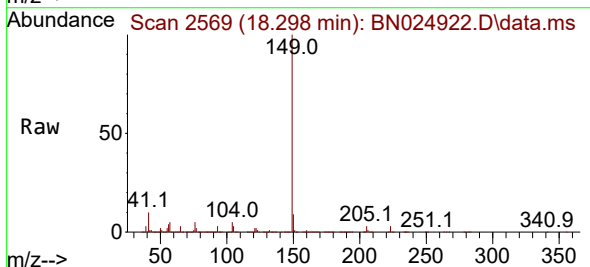
Instrument :
 BNA_N
 ClientSampleId :
 SLCS131

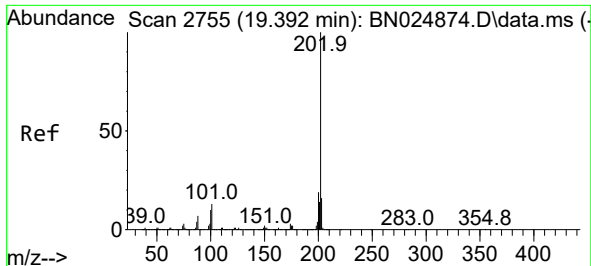
Tgt Ion:167 Resp: 2613127
 Ion Ratio Lower Upper
 167 100
 166 21.6 16.6 24.8
 139 13.8 10.2 15.4



#78
 Di-n-butylphthalate
 Concen: 30.432 ng/ul
 RT: 18.298 min Scan# 2569
 Delta R.T. -0.000 min
 Lab File: BN024922.D
 Acq: 15 Apr 2023 06:45

Tgt Ion:149 Resp: 3526562
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.2
 104 5.2 4.2 6.4

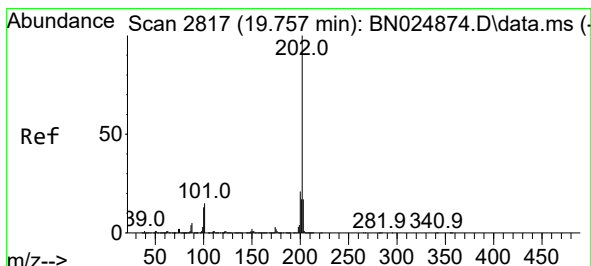
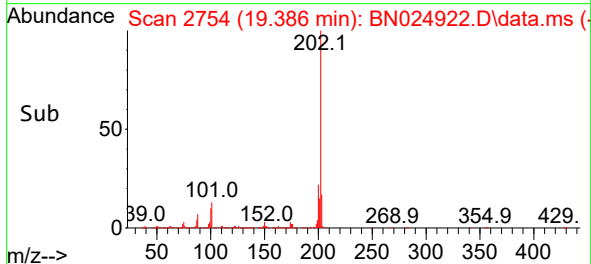
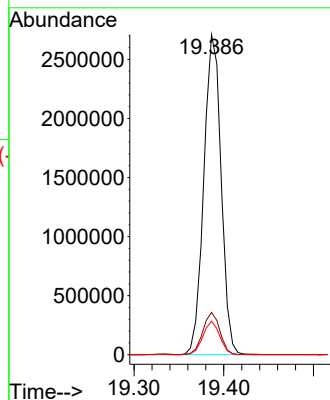
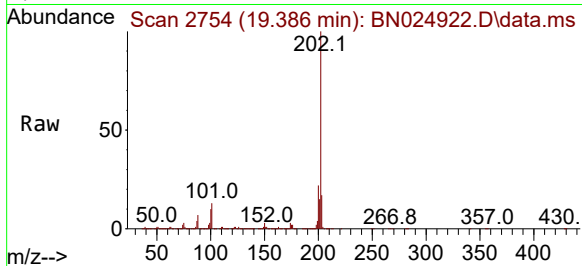




#80
Fluoranthene
Concen: 30.221 ng/ul
RT: 19.386 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN024922.D
Acq: 15 Apr 2023 06:45

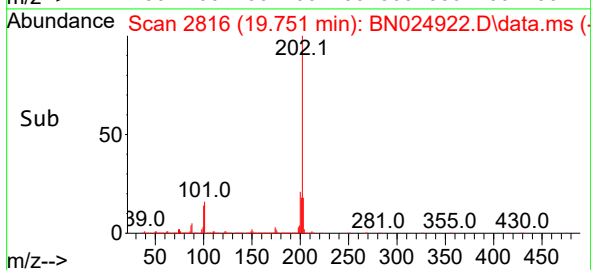
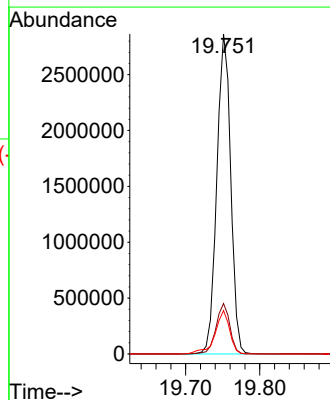
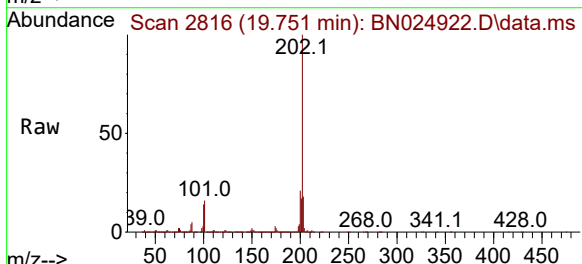
Instrument :
BNA_N
ClientSampleId :
SLCS131

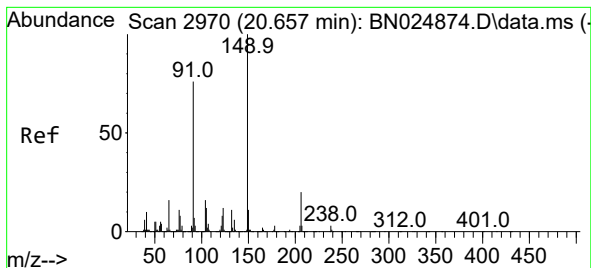
Tgt Ion:202 Resp: 3628723
Ion Ratio Lower Upper
202 100
101 13.2 10.7 16.1
100 10.5 7.9 11.9



#82
Pyrene
Concen: 29.430 ng/ul
RT: 19.751 min Scan# 2816
Delta R.T. -0.000 min
Lab File: BN024922.D
Acq: 15 Apr 2023 06:45

Tgt Ion:202 Resp: 3719472
Ion Ratio Lower Upper
202 100
101 15.7 13.0 19.6
100 13.5 11.0 16.6





#83

Butylbenzylphthalate

Concen: 31.944 ng/ul

RT: 20.645 min Scan# 2968

Delta R.T. -0.000 min

Lab File: BN024922.D

Acq: 15 Apr 2023 06:45

Instrument :

BNA_N

ClientSampleId :

SLCS131

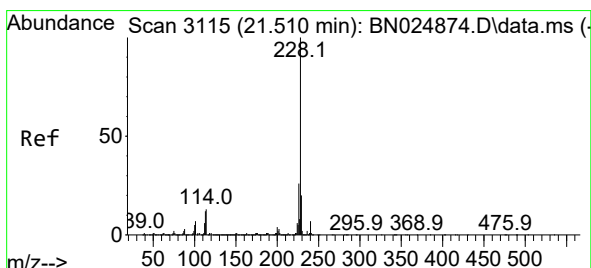
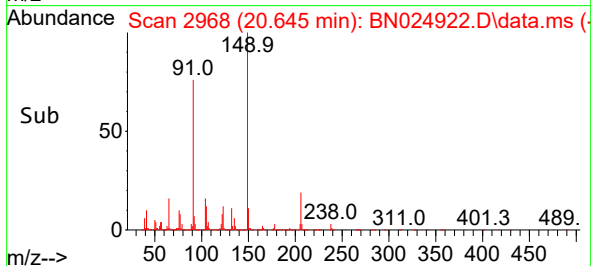
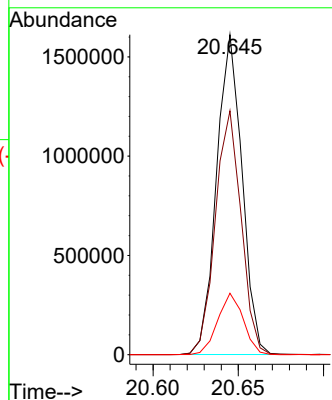
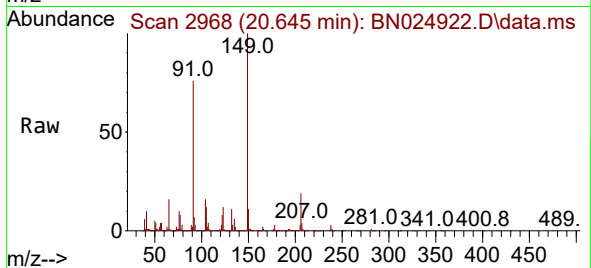
Tgt Ion:149 Resp: 1676129

Ion Ratio Lower Upper

149 100

91 76.2 62.6 93.8

206 19.2 16.2 24.2



#85

Benzo(a)anthracene

Concen: 29.813 ng/ul

RT: 21.504 min Scan# 3114

Delta R.T. -0.000 min

Lab File: BN024922.D

Acq: 15 Apr 2023 06:45

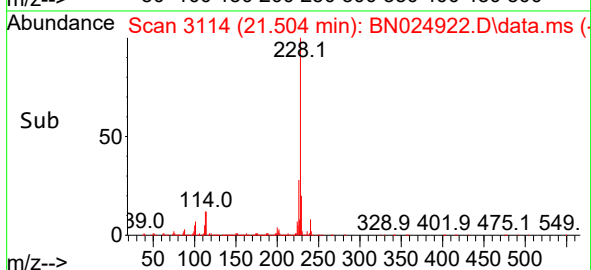
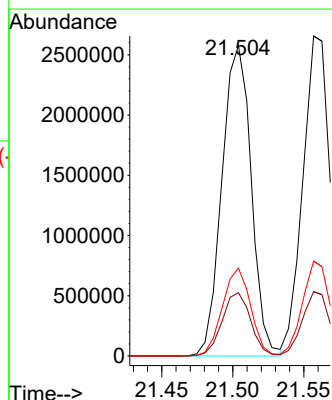
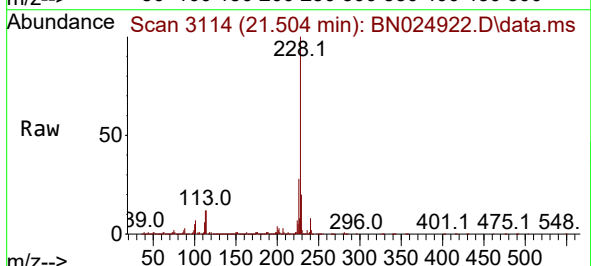
Tgt Ion:228 Resp: 3694151

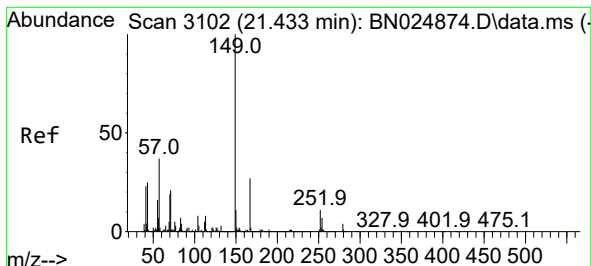
Ion Ratio Lower Upper

228 100

229 20.4 16.2 24.2

226 28.3 20.7 31.1

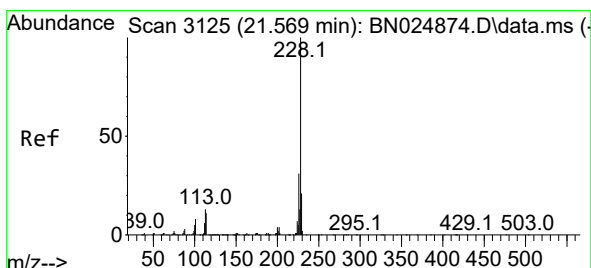
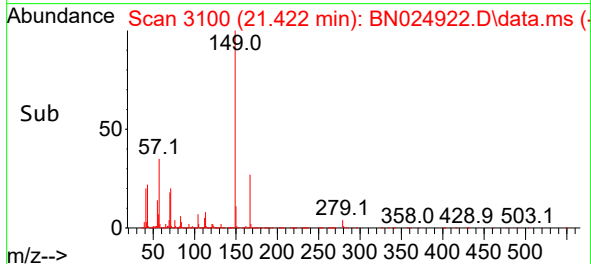
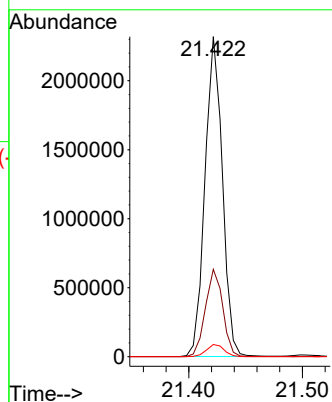
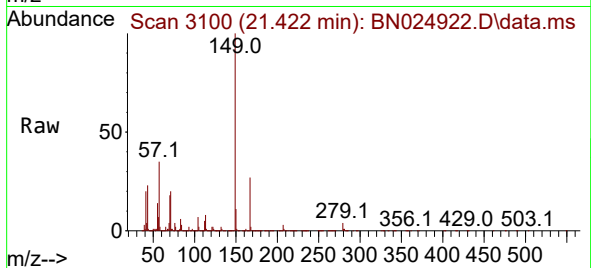




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 31.420 ng/ul
 RT: 21.422 min Scan# 3100
 Delta R.T. -0.000 min
 Lab File: BN024922.D
 Acq: 15 Apr 2023 06:45

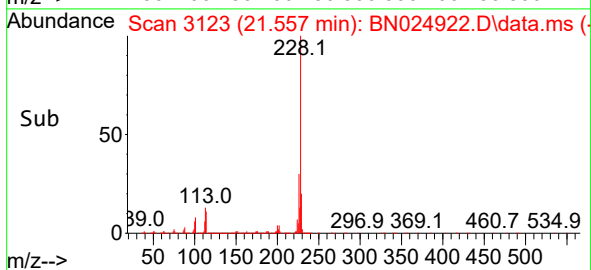
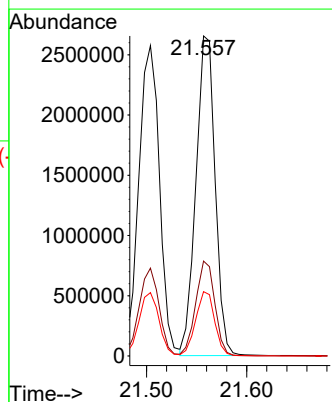
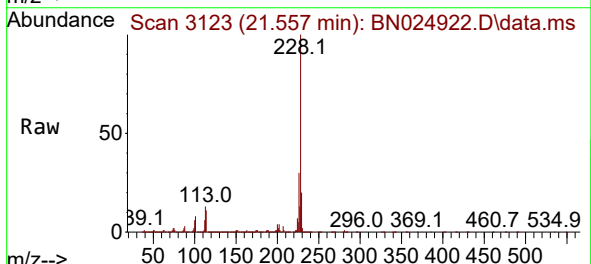
Instrument :
 BNA_N
 ClientSampleId :
 SLCS131

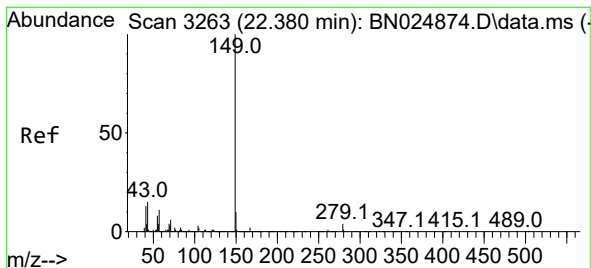
Tgt Ion:149 Resp: 2461131
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.8 32.8
 279 3.8 2.9 4.3



#87
 Chrysene
 Concen: 30.022 ng/ul
 RT: 21.557 min Scan# 3123
 Delta R.T. -0.000 min
 Lab File: BN024922.D
 Acq: 15 Apr 2023 06:45

Tgt Ion:228 Resp: 3543287
 Ion Ratio Lower Upper
 228 100
 226 29.7 22.4 33.6
 229 20.1 15.6 23.4





#89

Di-n-octyl phthalate

Concen: 36.035 ng/ul

RT: 22.363 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN024922.D

Acq: 15 Apr 2023 06:45

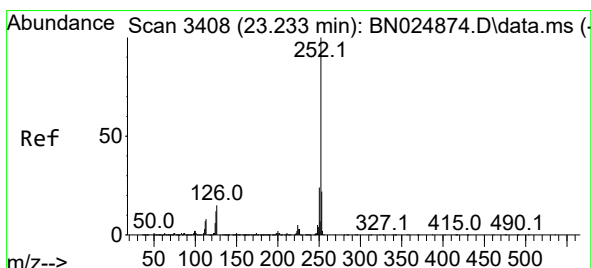
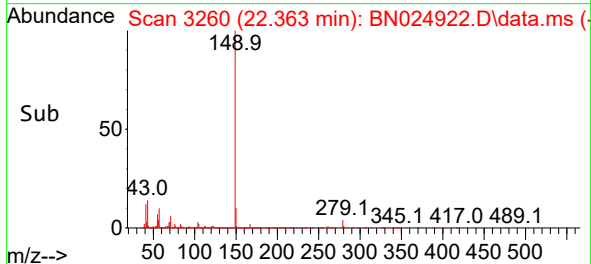
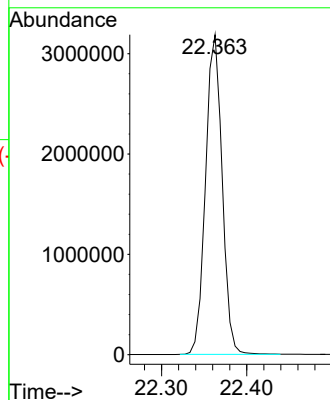
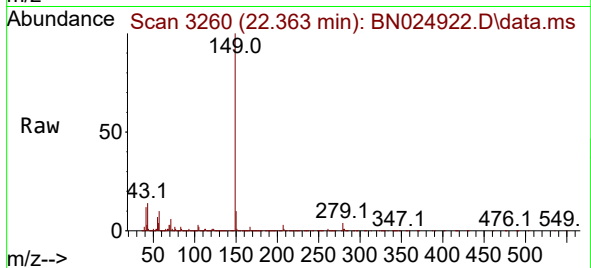
Instrument :

BNA_N

ClientSampleId :

SLCS131

Tgt Ion:149 Resp: 4316155



#90

Benzo(b)fluoranthene

Concen: 32.638 ng/ul

RT: 23.216 min Scan# 3405

Delta R.T. 0.006 min

Lab File: BN024922.D

Acq: 15 Apr 2023 06:45

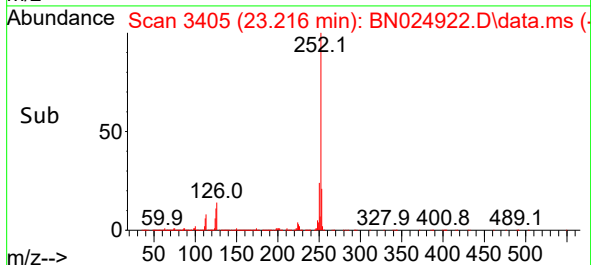
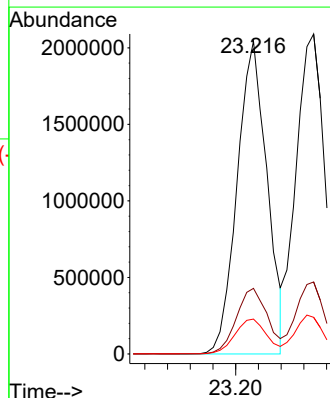
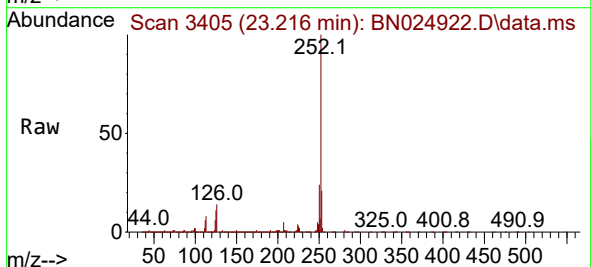
Tgt Ion:252 Resp: 3730635

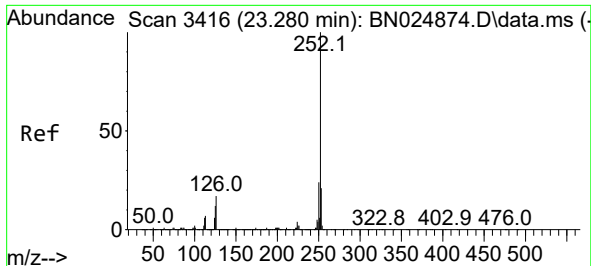
Ion Ratio Lower Upper

252 100

253 21.0 19.2 28.8

125 11.1 10.4 15.6

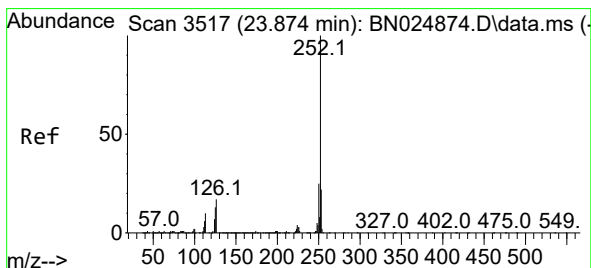
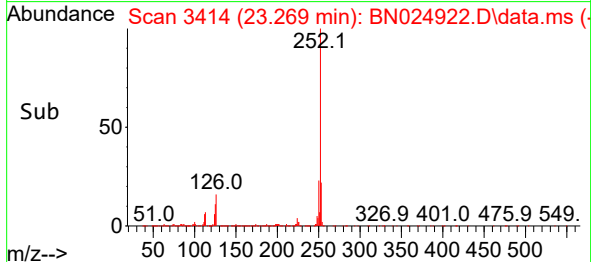
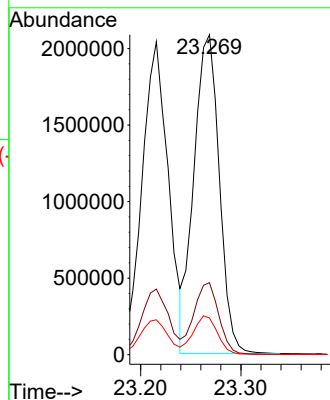
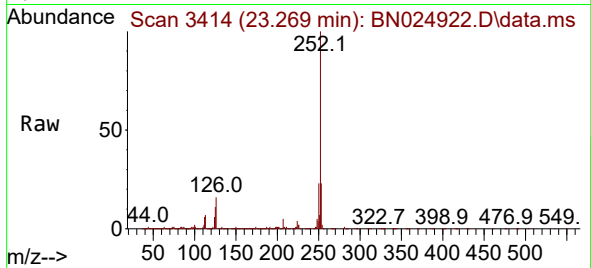




#91
Benzo(k)fluoranthene
Concen: 32.582 ng/u1
RT: 23.269 min Scan# 3416
Delta R.T. 0.006 min
Lab File: BN024922.D
Acq: 15 Apr 2023 06:45

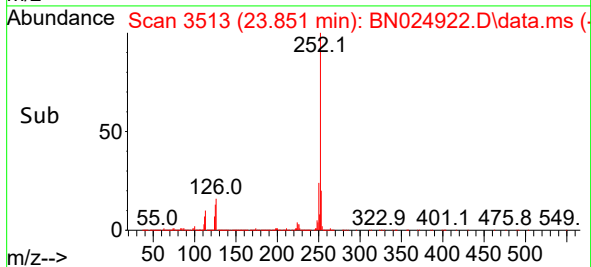
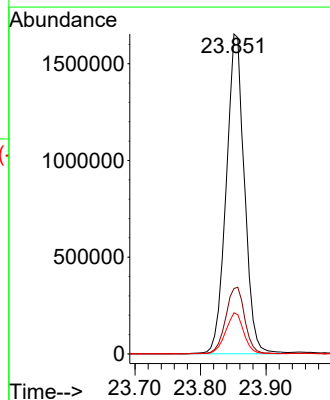
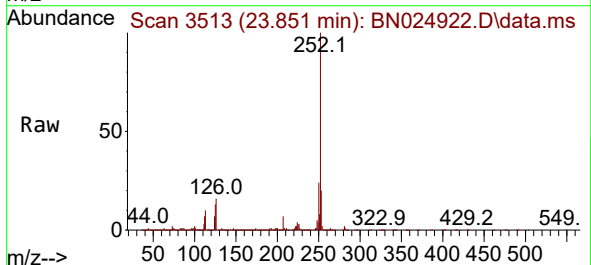
Instrument :
BNA_N
ClientSampleId :
SLCS131

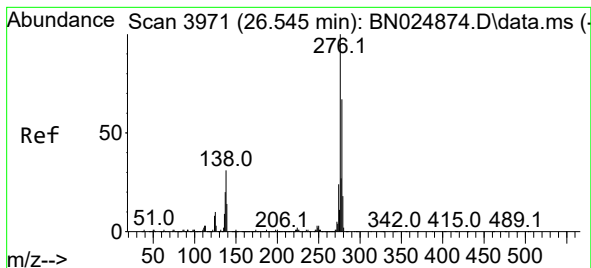
Tgt Ion:252 Resp: 3664590
Ion Ratio Lower Upper
252 100
253 22.5 16.7 25.1
125 11.4 9.3 13.9



#93
Benzo(a)pyrene
Concen: 31.769 ng/u1
RT: 23.851 min Scan# 3513
Delta R.T. 0.006 min
Lab File: BN024922.D
Acq: 15 Apr 2023 06:45

Tgt Ion:252 Resp: 3179241
Ion Ratio Lower Upper
252 100
253 20.5 17.4 26.0
125 12.9 10.8 16.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 29.504 ng/ul

RT: 26.498 min Scan# 3963

Delta R.T. 0.006 min

Lab File: BN024922.D

Acq: 15 Apr 2023 06:45

Instrument :

BNA_N

ClientSampleId :

SLCS131

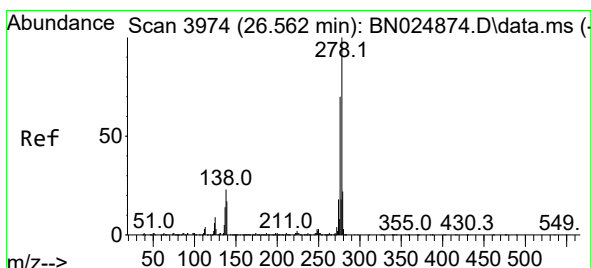
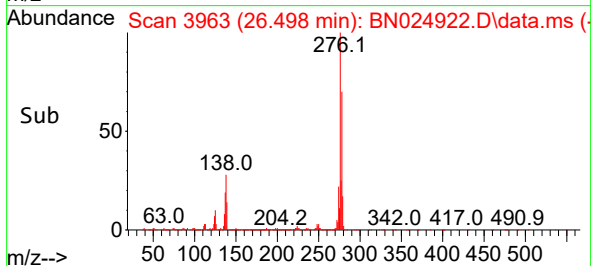
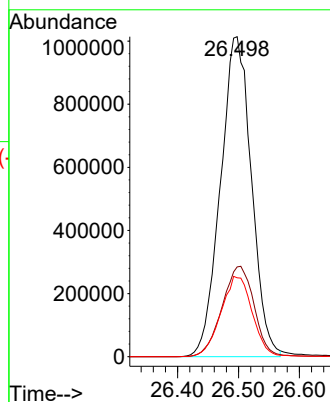
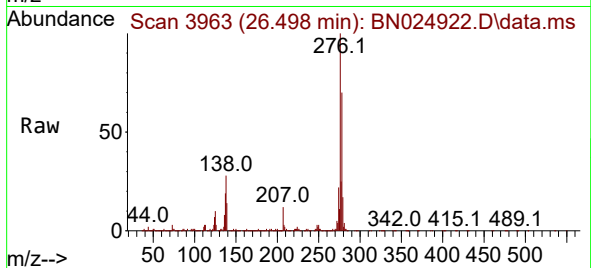
Tgt Ion:276 Resp: 3577453

Ion Ratio Lower Upper

276 100

138 28.0 21.9 32.9

277 24.6 19.8 29.6



#95

Dibenzo(a,h)anthracene

Concen: 29.231 ng/ul

RT: 26.515 min Scan# 3966

Delta R.T. 0.006 min

Lab File: BN024922.D

Acq: 15 Apr 2023 06:45

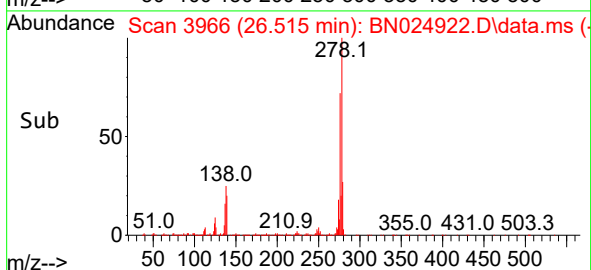
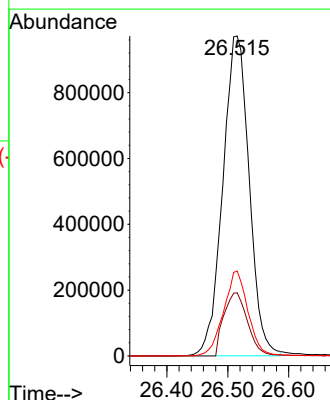
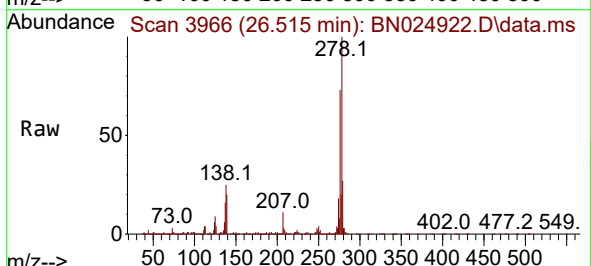
Tgt Ion:278 Resp: 2926089

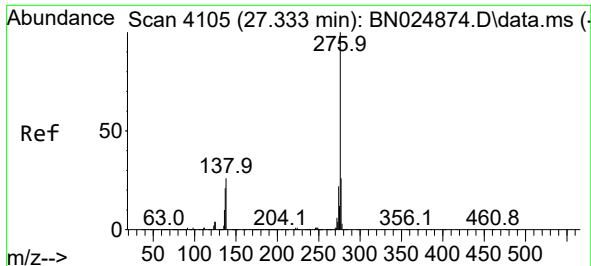
Ion Ratio Lower Upper

278 100

139 19.7 14.6 21.8

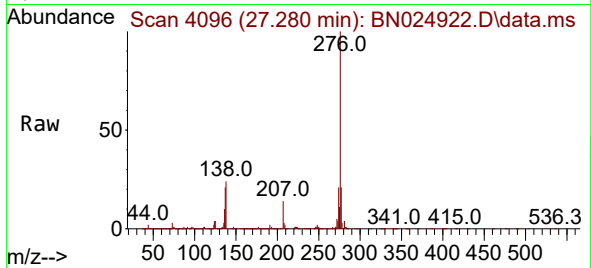
279 26.6 18.2 27.4





#96
 Benzo(g,h,i)perylene
 Concen: 29.170 ng/ul
 RT: 27.280 min Scan# 4096
 Delta R.T. 0.006 min
 Lab File: BN024922.D
 Acq: 15 Apr 2023 06:45

Instrument :
 BNA_N
 ClientSampleId :
 SLCS131



Tgt Ion: 276 Resp: 2870015

Ion	Ratio	Lower	Upper
276	100		
138	23.7	19.8	29.8
277	20.9	17.6	26.4

