

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041324\
 Data File : BN030890.D
 Acq On : 13 Apr 2024 21:21
 Operator : MA/JU
 Sample : PB160193BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS193

Quant Time: Apr 14 22:18:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Apr 14 22:12:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	159484	20.000	ng/u1	0.00
20) Naphthalene-d8	10.446	136	700669	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	465366	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.057	188	1021544	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1069784	20.000	ng/u1	0.00
88) Perylene-d12	24.221	264	1186347	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	32012	9.411	ng/uL	0.00
4) Pyridine-d5	3.581	84	381937	37.449	ng/u1	0.00
7) Phenol-d5	6.840	99	522836	40.525	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	299222	37.550	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	408939	41.783	ng/u1	0.00
15) 4-Methylphenol-d8	8.375	113	415953	38.469	ng/u1	0.00
21) Nitrobenzene-d5	8.822	128	203155	41.797	ng/u1	0.00
24) 2-Nitrophenol-d4	9.540	143	210945	47.441	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	416978	42.836	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	589461	36.782	ng/u1	0.00
46) Dimethylphthalate-d6	13.728	166	1255558	40.410	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	1485357	41.579	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	268379	45.158	ng/u1	0.00
60) Fluorene-d10	15.304	176	1096651	40.334	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	189523	42.032	ng/u1	0.00
73) Anthracene-d10	17.157	188	1756799	39.914	ng/u1	0.00
81) Pyrene-d10	19.457	212	2171033	37.747	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	2337170	42.755	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	45857	12.585	ng/uL	95
5) Pyridine	3.599	79	383623	37.277	ng/u1	99
6) Benzaldehyde	6.816	77	276442	46.012	ng/u1	97
8) Phenol	6.864	94	529564	39.402	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.099	93	399328	36.435	ng/u1	99
12) 2-Chlorophenol	7.228	128	425084	40.488	ng/u1	97
13) 2-Methylphenol	8.105	108	394290	38.071	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.187	45	530433	34.371	ng/u1	100
16) Acetophenone	8.487	105	624749	36.595	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.475	70	307428	35.754	ng/u1	98
18) 4-Methylphenol	8.434	108	445146	38.394	ng/u1	100
19) Hexachloroethane	8.734	117	164911	37.465	ng/u1	100
22) Nitrobenzene	8.863	77	462449	38.975	ng/u1	98
23) Isophorone	9.387	82	896612	37.892	ng/u1	100
25) 2-Nitrophenol	9.569	139	234045	44.787	ng/u1	97
26) 2,4-Dimethylphenol	9.628	107	409777	35.281	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.869	93	556743	37.006	ng/u1	99
29) 2,4-Dichlorophenol	10.099	162	412904	41.557	ng/u1	100
30) Naphthalene	10.499	128	1360606	37.862	ng/u1	100
32) 4-Chloroaniline	10.610	127	553971	35.868	ng/u1	99
33) Hexachlorobutadiene	10.775	225	234296	37.463	ng/u1	98
34) Caprolactam	11.393	113	96051	25.877	ng/u1	98
35) 4-Chloro-3-methylphenol	11.740	107	455398	40.693	ng/u1	99
36) 2-Methylnaphthalene	12.116	142	957591	38.157	ng/u1	100

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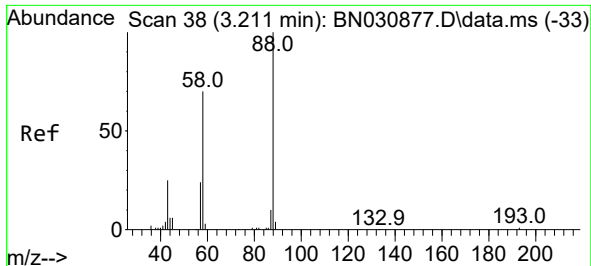
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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	977897	38.385	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.487	216	484250	40.322	ng/ul	97
40) Hexachlorocyclopentadiene	12.463	237	202337	29.667	ng/ul	98
41) 2,4,6-Trichlorophenol	12.734	196	325497	43.372	ng/ul	98
42) 2,4,5-Trichlorophenol	12.804	196	365396	43.113	ng/ul	95
43) 1,1'-Biphenyl	13.140	154	1256853	39.624	ng/ul	98
44) 2-Chloronaphthalene	13.181	162	990221	39.657	ng/ul	99
45) 2-Nitroaniline	13.393	65	291198	43.822	ng/ul	99
47) Dimethylphthalate	13.775	163	1239268	38.612	ng/ul	100
48) 2,6-Dinitrotoluene	13.893	165	253625	42.621	ng/ul	95
50) Acenaphthylene	14.034	152	1608658	38.973	ng/ul	99
51) 3-Nitroaniline	14.228	138	294059	46.557	ng/ul	96
52) Acenaphthene	14.375	153	1060138	38.541	ng/ul	99
53) 2,4-Dinitrophenol	14.428	184	114727	41.975	ng/ul	94
55) 4-Nitrophenol	14.534	109	206227	43.798	ng/ul	98
56) Dibenzofuran	14.710	168	1521035	39.781	ng/ul	98
57) 2,4-Dinitrotoluene	14.681	165	385560	44.379	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.940	232	317036	45.040	ng/ul	98
59) Diethylphthalate	15.145	149	1272140	39.015	ng/ul	99
61) Fluorene	15.363	166	1204545	39.634	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.363	204	568379	38.119	ng/ul	98
63) 4-Nitroaniline	15.392	138	333283	54.276	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.445	198	205730	42.463	ng/ul	95
67) N-Nitrosodiphenylamine	15.575	169	1090836	39.210	ng/ul	99
68) 4-Bromophenyl-phenylether	16.257	248	374224	38.578	ng/ul	96
69) Hexachlorobenzene	16.357	284	434132	38.007	ng/ul	97
70) Atrazine	16.534	200	383518	39.773	ng/ul	98
71) Pentachlorophenol	16.710	266	287775	42.730	ng/ul	99
72) Phenanthrene	17.098	178	2064294	39.332	ng/ul	99
74) Anthracene	17.192	178	2066319	38.945	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.098	216	483374	38.516	ng/ul	94
76) Pentachlorobenzene	14.628	250	474604	37.231	ng/ul	97
77) Carbazole	17.469	167	2007822	43.152	ng/ul	98
78) Di-n-butylphthalate	18.034	149	2323093	40.926	ng/ul	100
80) Fluoranthene	19.122	202	2538121	37.122	ng/ul	97
82) Pyrene	19.492	202	2685554	37.192	ng/ul	98
83) Butylbenzylphthalate	20.398	149	1160723	42.093	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.210	252	811766	41.297	ng/ul	98
85) Benzo(a)anthracene	21.280	228	2804406	39.280	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.210	149	1621648	39.877	ng/ul	99
87) Chrysene	21.339	228	2631564	39.051	ng/ul	97
89) Di-n-octyl phthalate	22.316	149	2977277	39.629	ng/ul	100
90) Benzo(b)fluoranthene	23.298	252	2797745	40.072	ng/ul	97
91) Benzo(k)fluoranthene	23.357	252	2841309	40.072	ng/ul	96
93) Benzo(a)pyrene	24.086	252	2458560	37.277	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.498	276	2972388	41.692	ng/ul	100
95) Dibenzo(a,h)anthracene	27.557	278	2436284	40.592	ng/ul	98
96) Benzo(g,h,i)perylene	28.521	276	2267738	40.517	ng/ul	96

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

BNA N

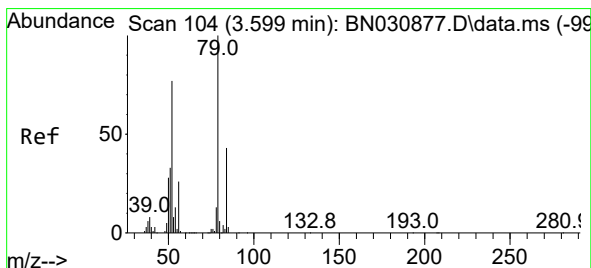
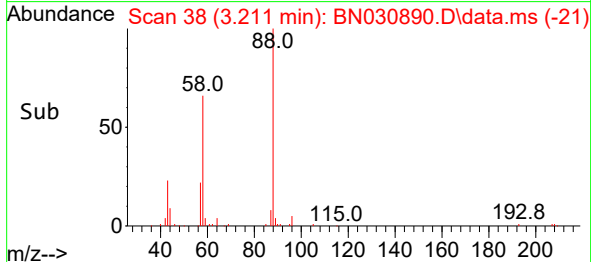
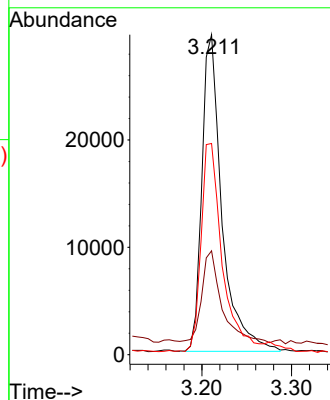
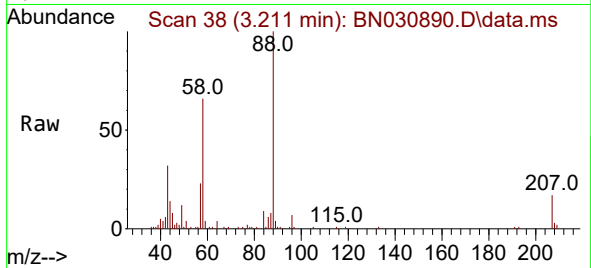
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#2
1,4-Dioxane
Concen: 12.585 ng/uL
RT: 3.211 min Scan# 38
Delta R.T. -0.000 min
Lab File: BN030890.D
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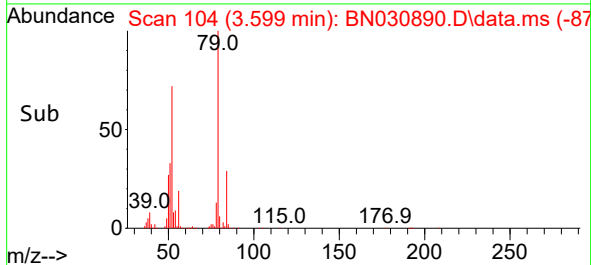
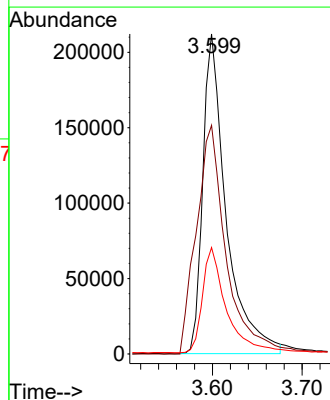
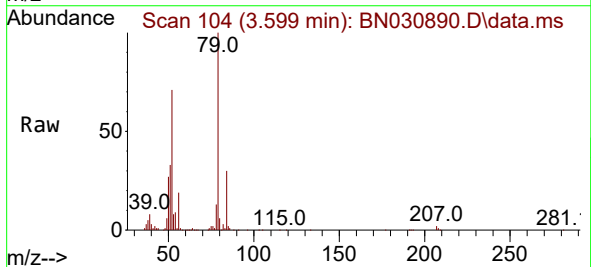
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ClientSampleId :
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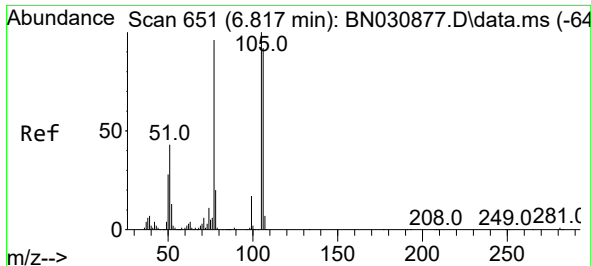
Tgt Ion: 88 Resp: 45857
Ion Ratio Lower Upper
88 100
43 32.4 23.8 35.8
58 66.0 56.6 84.8



#5
Pyridine
Concen: 37.277 ng/uL
RT: 3.599 min Scan# 104
Delta R.T. -0.000 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

Tgt Ion: 79 Resp: 383623
Ion Ratio Lower Upper
79 100
52 71.5 56.2 84.4
51 33.2 27.0 40.4

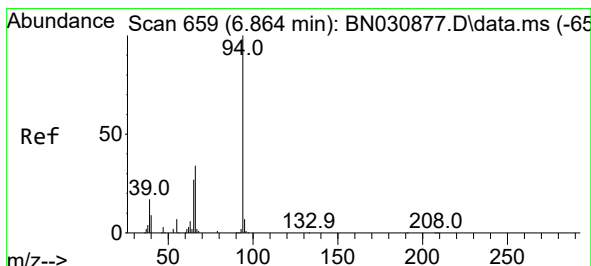
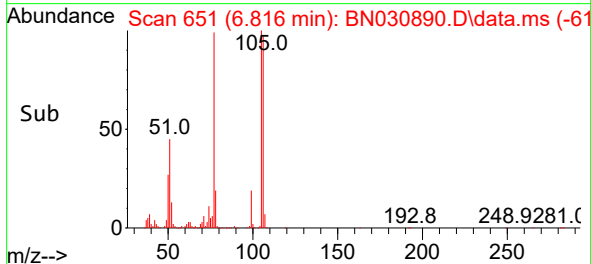
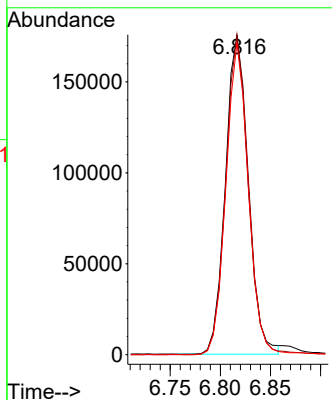
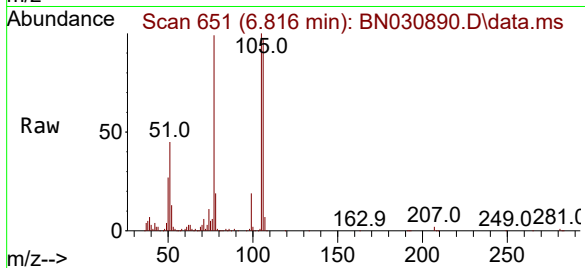




#6
Benzaldehyde
Concen: 46.012 ng/ul
RT: 6.816 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

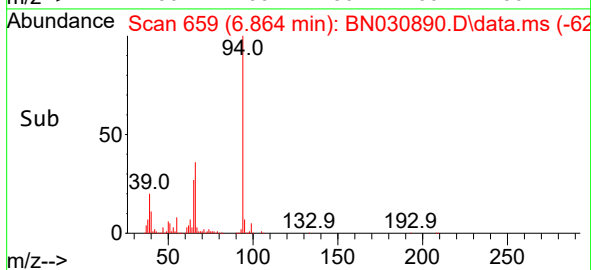
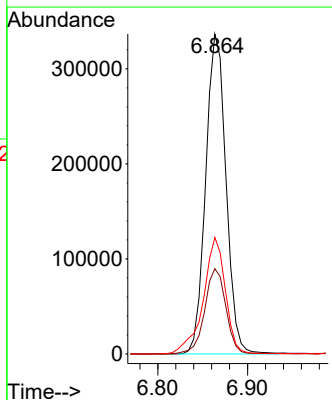
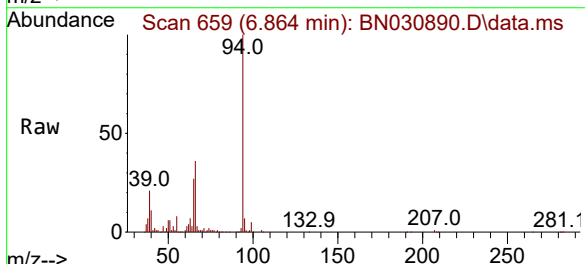
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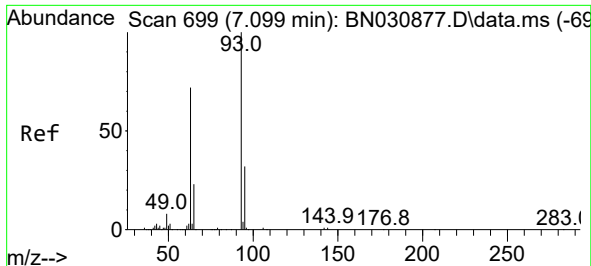
Tgt Ion: 77 Resp: 276442
Ion Ratio Lower Upper
77 100
105 100.6 78.1 117.1
106 98.0 75.6 113.4



#8
Phenol
Concen: 39.402 ng/ul
RT: 6.864 min Scan# 659
Delta R.T. -0.000 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

Tgt Ion: 94 Resp: 529564
Ion Ratio Lower Upper
94 100
65 26.7 21.4 32.0
66 36.4 28.5 42.7

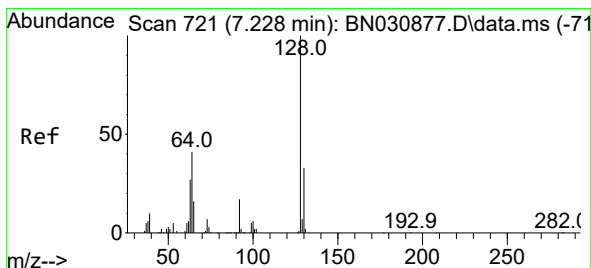
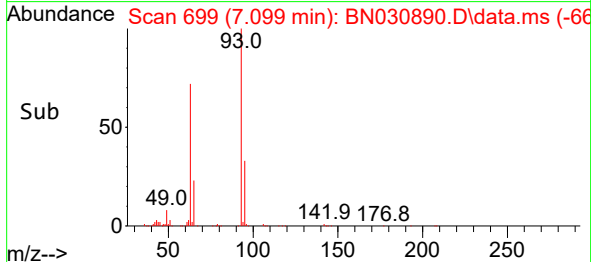
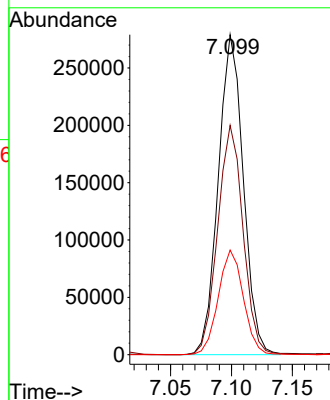
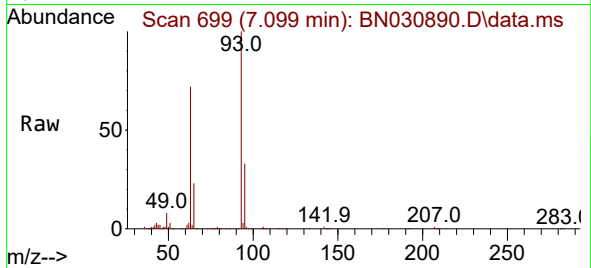




#10
Bis(2-Chloroethyl)ether
Concen: 36.435 ng/ul
RT: 7.099 min Scan# 699
Delta R.T. -0.000 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

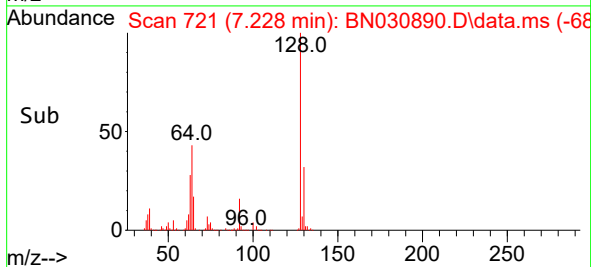
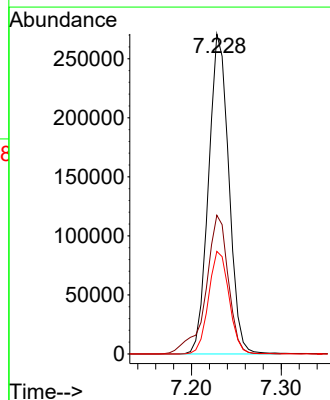
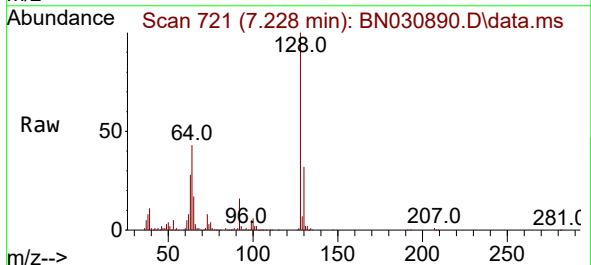
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ClientSampleId :
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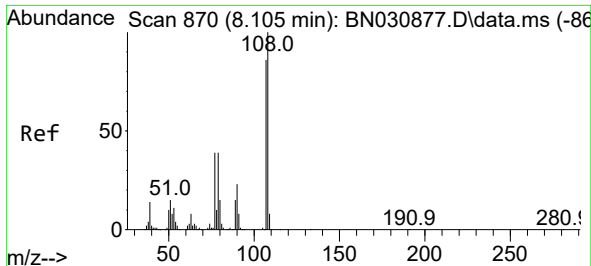
Tgt Ion: 93 Resp: 399328
Ion Ratio Lower Upper
93 100
63 71.7 58.2 87.4
95 32.7 26.0 39.0



#12
2-Chlorophenol
Concen: 40.488 ng/ul
RT: 7.228 min Scan# 721
Delta R.T. -0.000 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

Tgt Ion:128 Resp: 425084
Ion Ratio Lower Upper
128 100
64 43.3 37.0 55.4
130 32.1 26.3 39.5

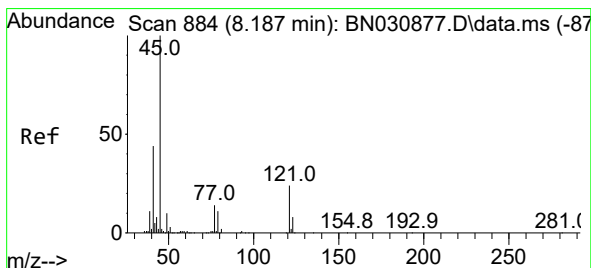
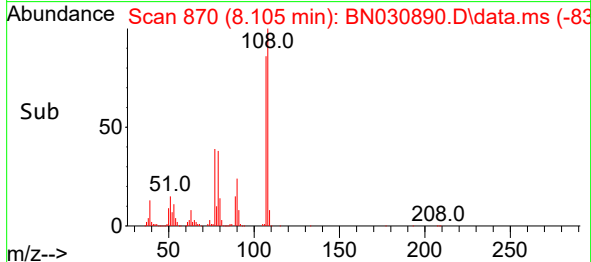
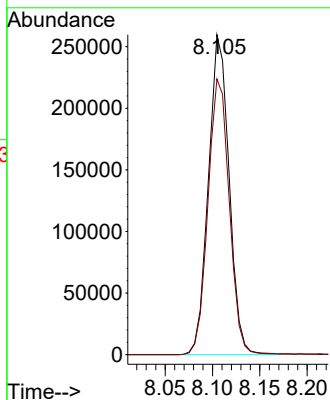
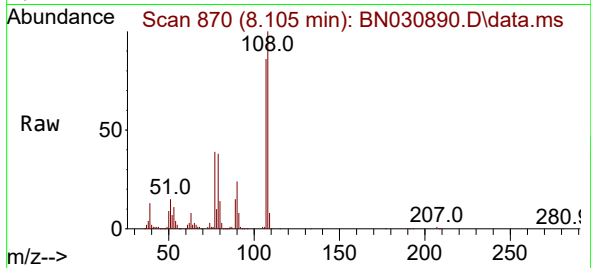




#13
2-Methylphenol
Concen: 38.071 ng/ul
RT: 8.105 min Scan# 870
Delta R.T. -0.000 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

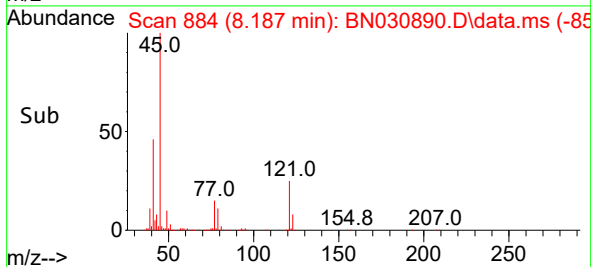
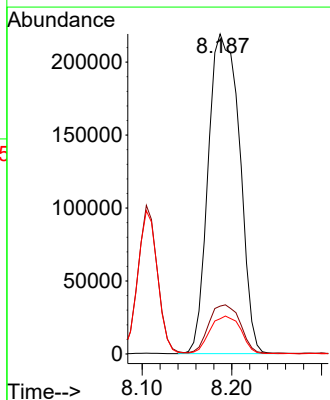
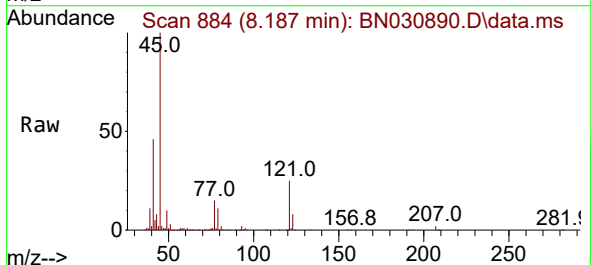
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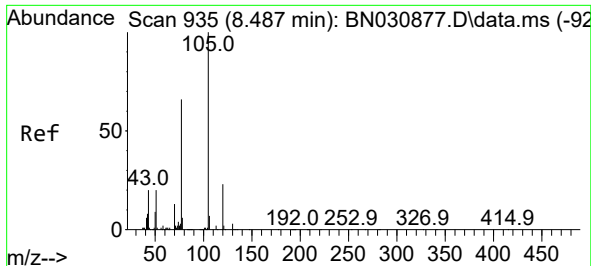
Tgt Ion:108 Resp: 394290
Ion Ratio Lower Upper
108 100
107 86.2 71.8 107.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 34.371 ng/ul
RT: 8.187 min Scan# 884
Delta R.T. -0.000 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

Tgt Ion: 45 Resp: 530433
Ion Ratio Lower Upper
45 100
77 14.9 12.1 18.1
79 11.0 8.6 13.0

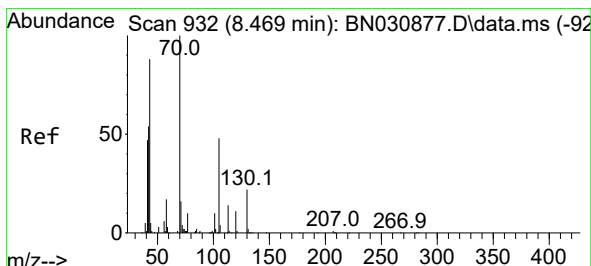
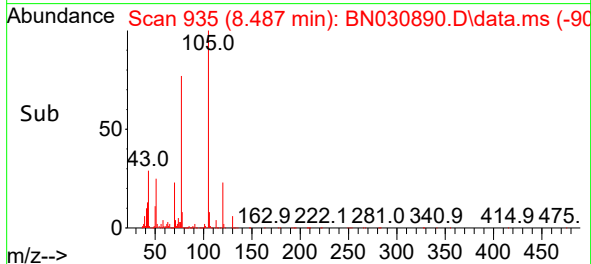
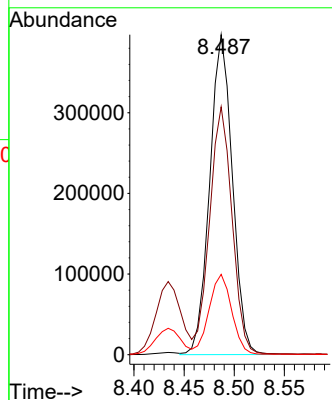
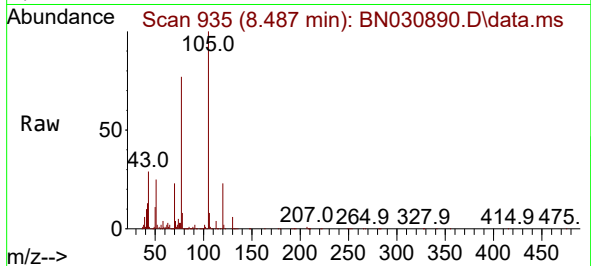




#16
Acetophenone
Concen: 36.595 ng/ul
RT: 8.487 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

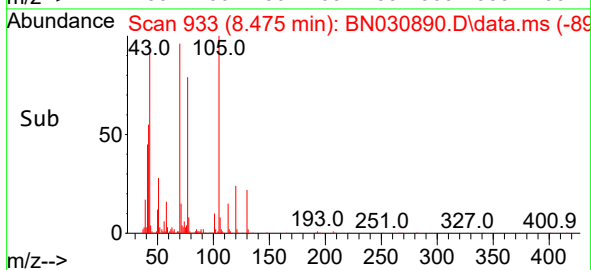
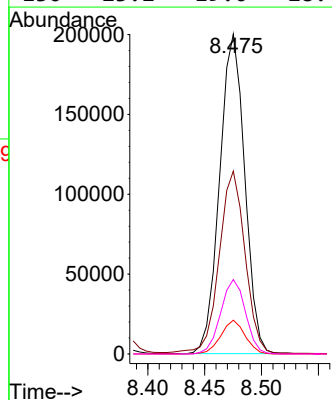
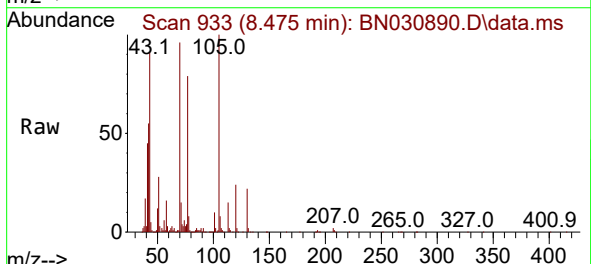
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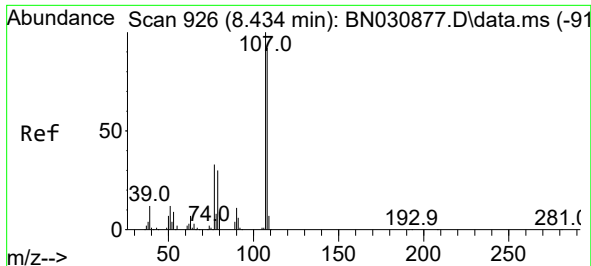
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Ion Ratio Lower Upper
105 100
77 77.4 61.2 91.8
51 25.1 21.0 31.4



#17
N-Nitroso-di-n-propylamine
Concen: 35.754 ng/ul
RT: 8.475 min Scan# 933
Delta R.T. 0.006 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

Tgt Ion: 70 Resp: 307428
Ion Ratio Lower Upper
70 100
42 57.1 47.4 71.0
101 10.6 7.9 11.9
130 23.2 19.0 28.4

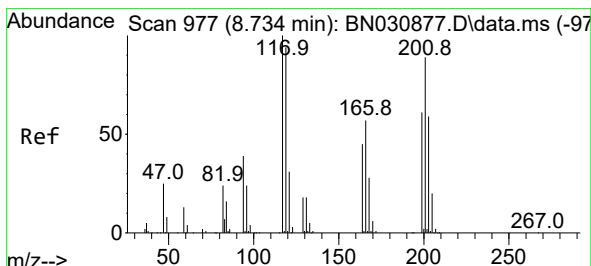
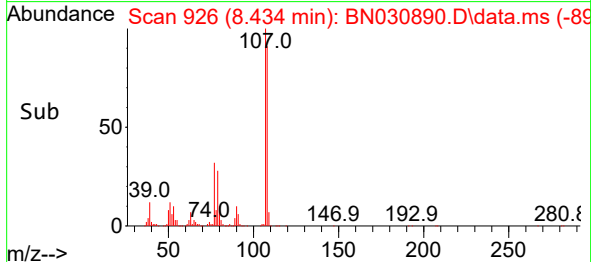
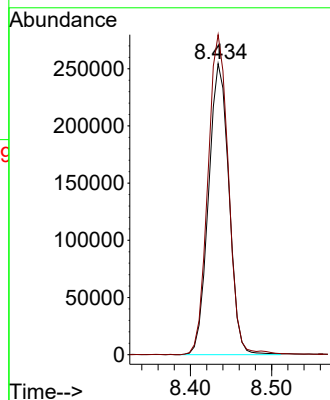
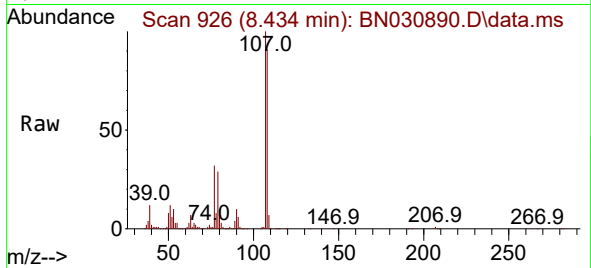




#18
4-Methylphenol
Concen: 38.394 ng/ul
RT: 8.434 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

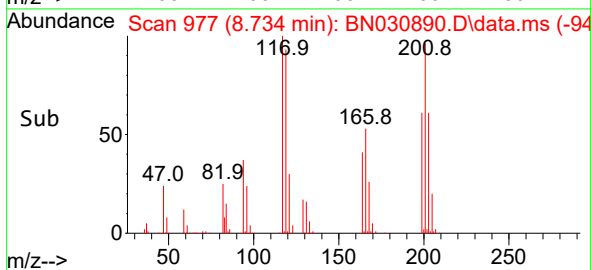
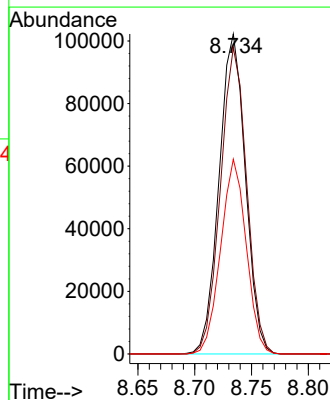
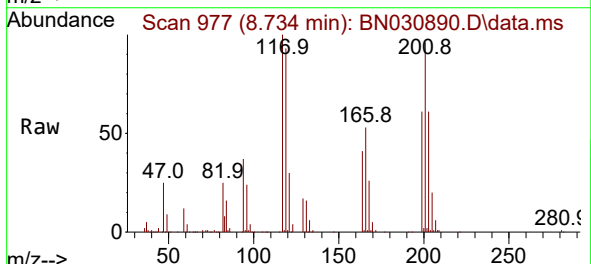
Instrument :
BNA_N
ClientSampleId :
SLCS193

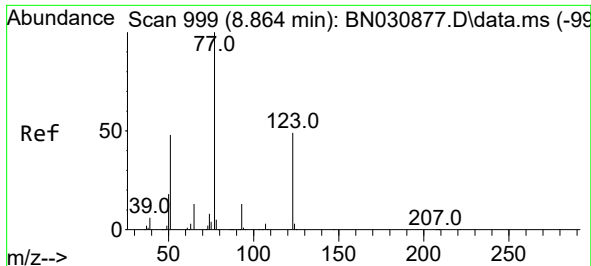
Tgt Ion:108 Resp: 445146
Ion Ratio Lower Upper
108 100
107 110.0 88.1 132.1



#19
Hexachloroethane
Concen: 37.465 ng/ul
RT: 8.734 min Scan# 977
Delta R.T. -0.000 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

Tgt Ion:117 Resp: 164911
Ion Ratio Lower Upper
117 100
201 95.8 76.5 114.7
199 60.8 48.5 72.7

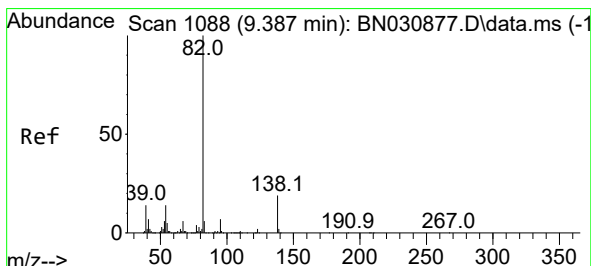
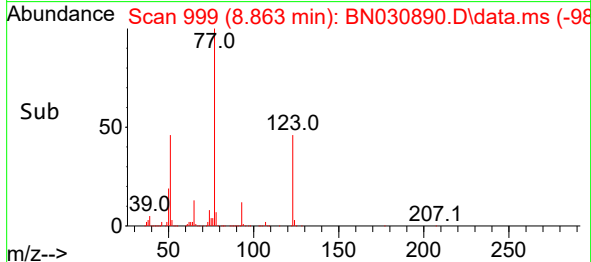
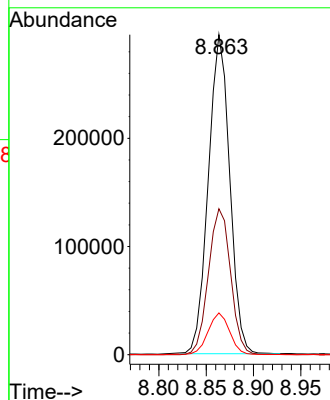
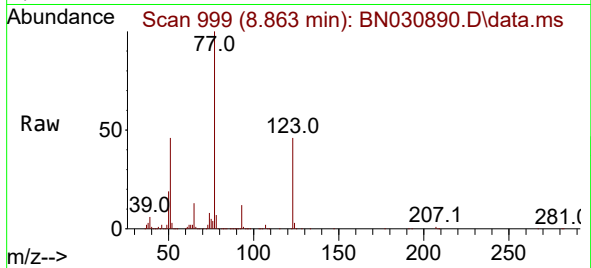




#22
Nitrobenzene
Concen: 38.975 ng/ul
RT: 8.863 min Scan# 999
Delta R.T. -0.000 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

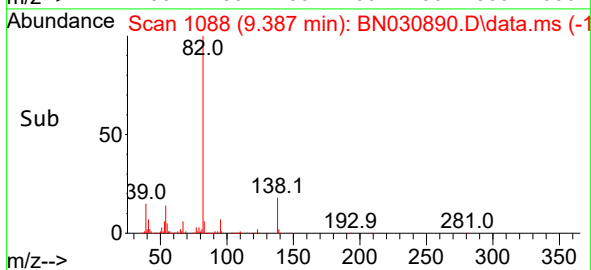
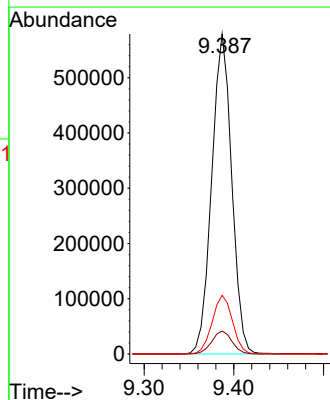
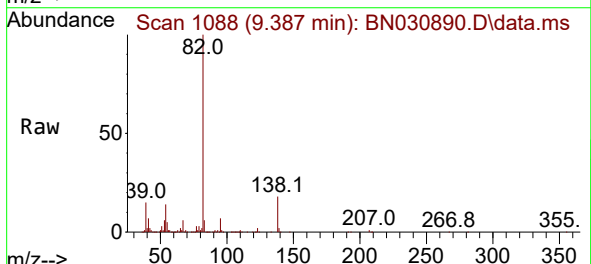
Instrument :
BNA_N
ClientSampleId :
SLCS193

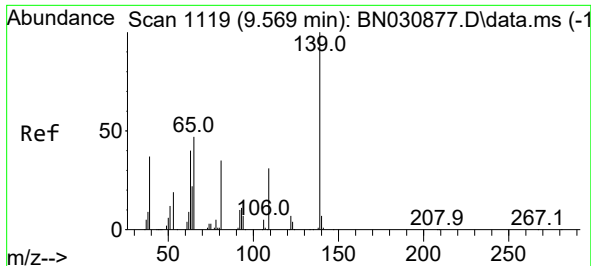
Tgt Ion: 77 Resp: 462449
Ion Ratio Lower Upper
77 100
123 45.6 37.5 56.3
65 13.0 10.6 15.8



#23
Isophorone
Concen: 37.892 ng/ul
RT: 9.387 min Scan# 1088
Delta R.T. -0.000 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

Tgt Ion: 82 Resp: 896612
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 18.3 14.6 21.8

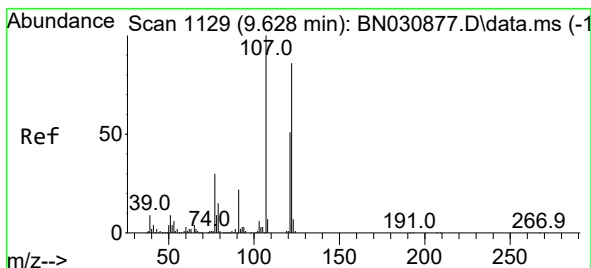
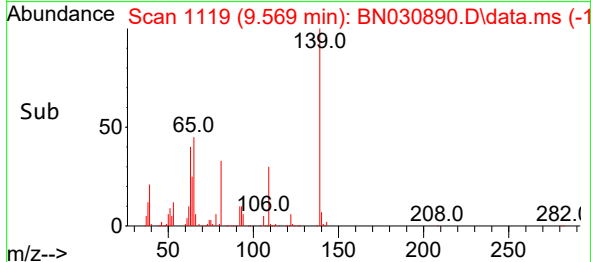
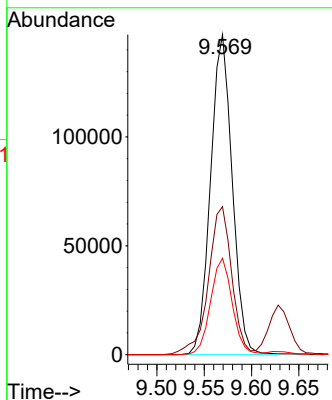
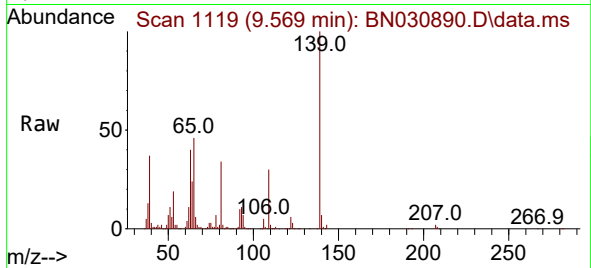




#25
2-Nitrophenol
Concen: 44.787 ng/ul
RT: 9.569 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

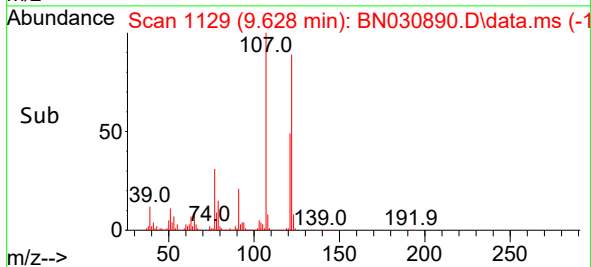
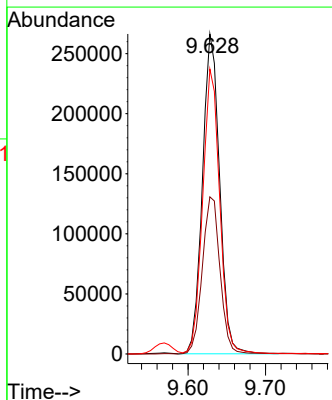
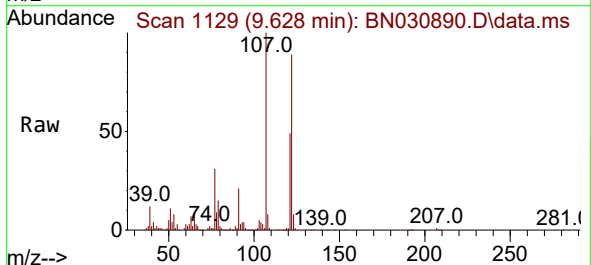
Instrument :
BNA_N
ClientSampleId :
SLCS193

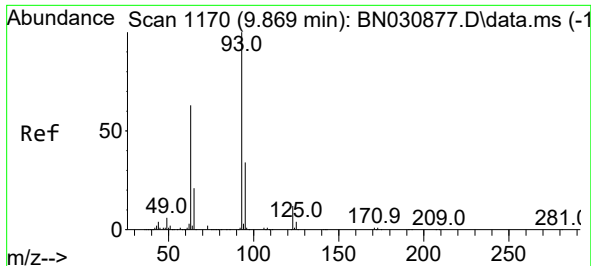
Tgt Ion:139 Resp: 234045
Ion Ratio Lower Upper
139 100
65 46.2 39.5 59.3
109 30.1 23.8 35.8



#26
2,4-Dimethylphenol
Concen: 35.281 ng/ul
RT: 9.628 min Scan# 1129
Delta R.T. -0.000 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

Tgt Ion:107 Resp: 409777
Ion Ratio Lower Upper
107 100
121 49.1 41.6 62.4
122 89.0 71.3 106.9





#27

Bis(2-Chloroethoxy)methane

Concen: 37.006 ng/ul

RT: 9.869 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BN030890.D

Acq: 13 Apr 2024 21:21

Instrument :

BNA_N

ClientSampleId :

SLCS193

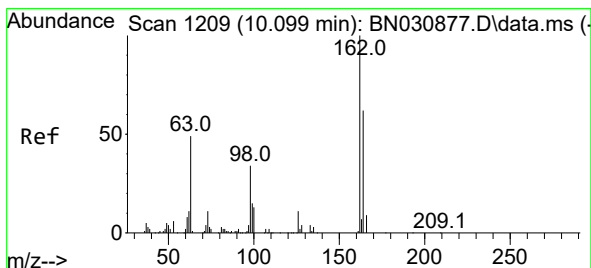
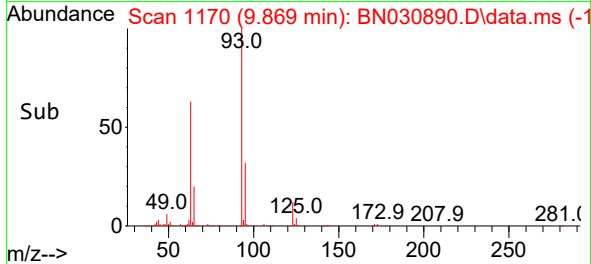
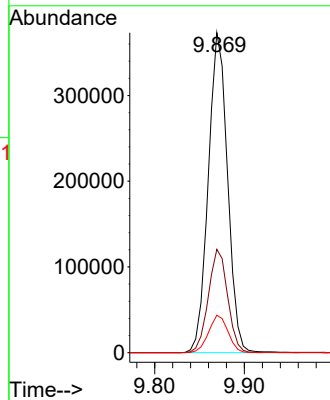
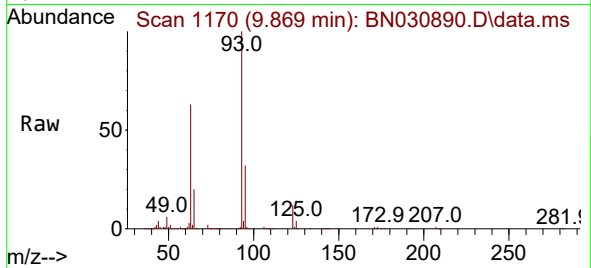
Tgt Ion: 93 Resp: 556743

Ion Ratio Lower Upper

93 100

95 32.3 25.4 38.0

123 11.7 9.4 14.0



#29

2,4-Dichlorophenol

Concen: 41.557 ng/ul

RT: 10.099 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BN030890.D

Acq: 13 Apr 2024 21:21

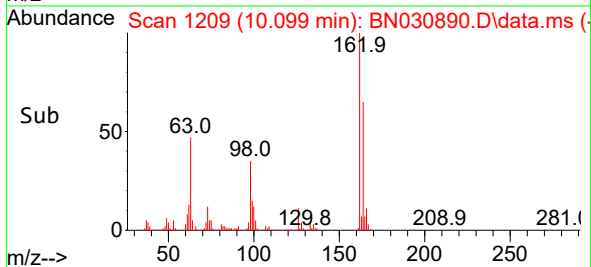
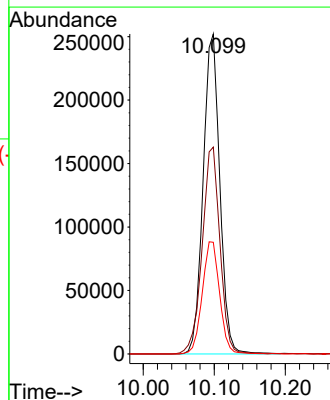
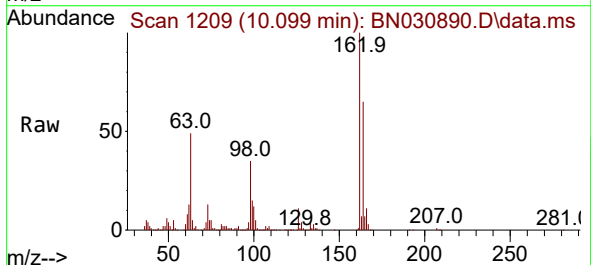
Tgt Ion:162 Resp: 412904

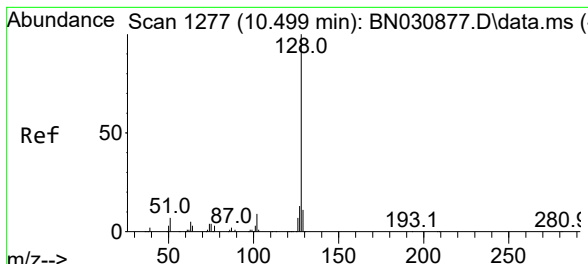
Ion Ratio Lower Upper

162 100

164 64.7 51.8 77.8

98 34.9 28.0 42.0



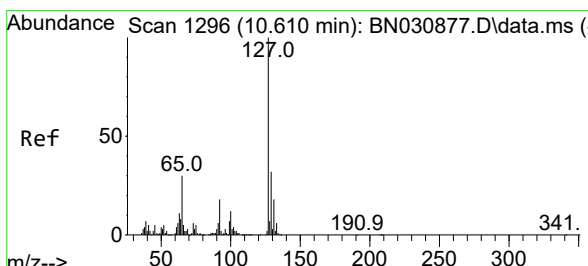
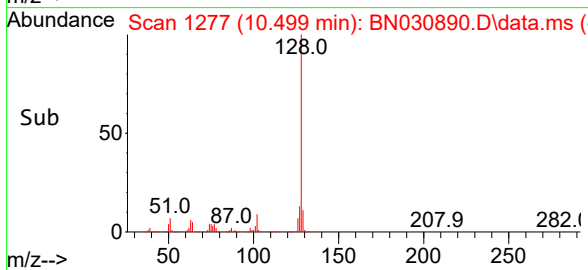
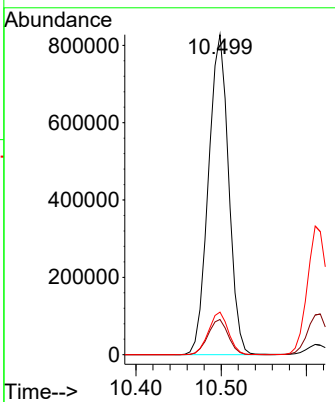
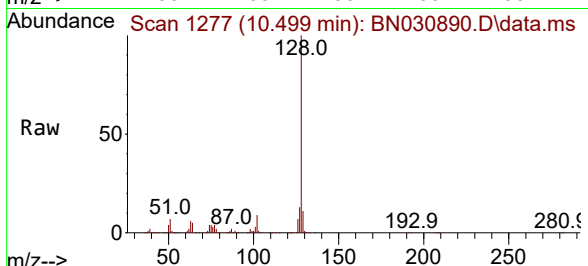


#30
Naphthalene
Concen: 37.862 ng/ul
RT: 10.499 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

Instrument : BNA_N
ClientSampleId : SLCS193

Tgt Ion:128 Resp: 1360606

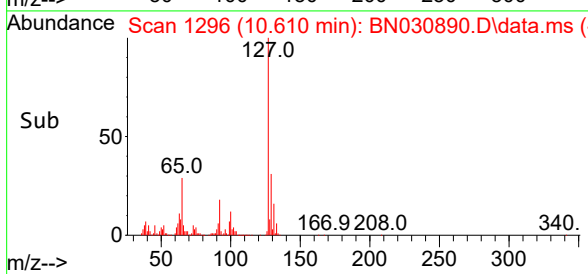
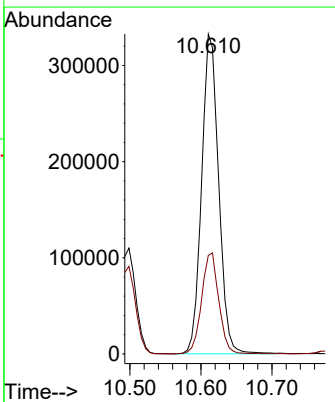
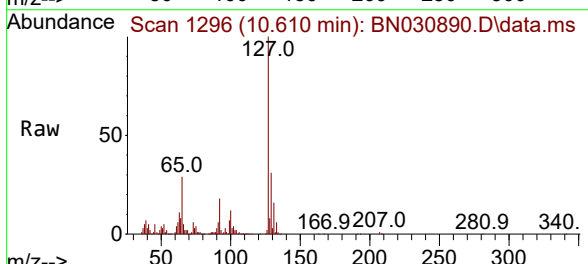
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.3	10.5	15.7

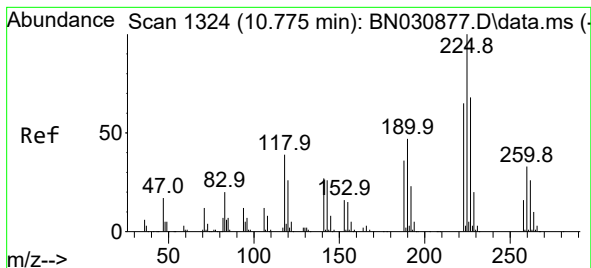


#32
4-Chloroaniline
Concen: 35.868 ng/ul
RT: 10.610 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

Tgt Ion:127 Resp: 553971

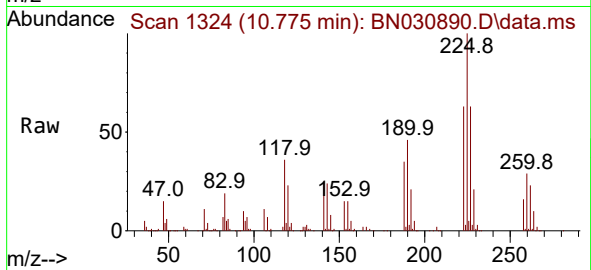
Ion	Ratio	Lower	Upper
127	100		
129	30.8	25.3	37.9



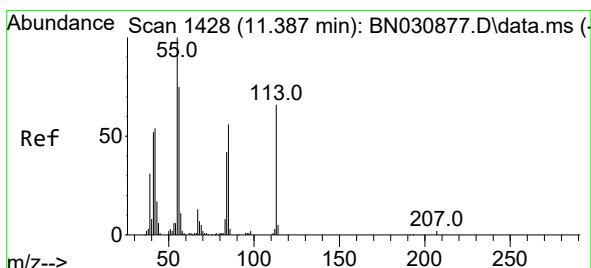
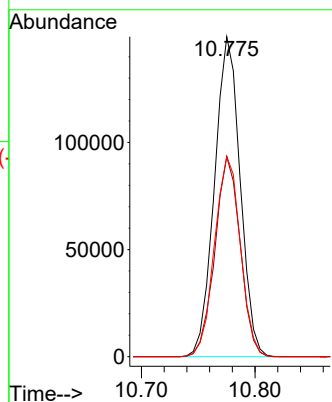
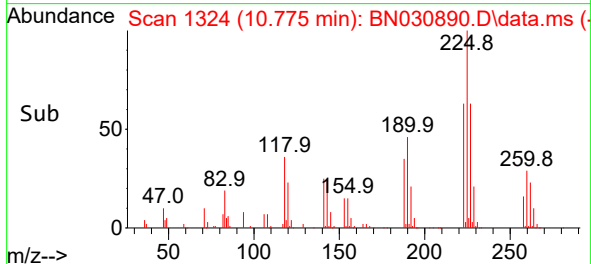


#33
Hexachlorobutadiene
Concen: 37.463 ng/ul
RT: 10.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

Instrument :
BNA_N
ClientSampleId :
SLCS193

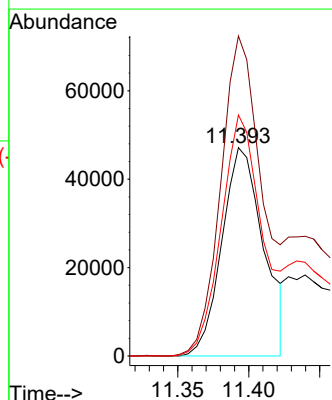
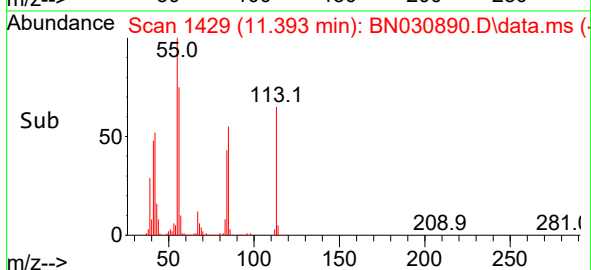
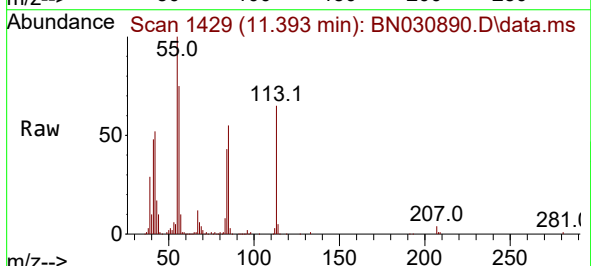


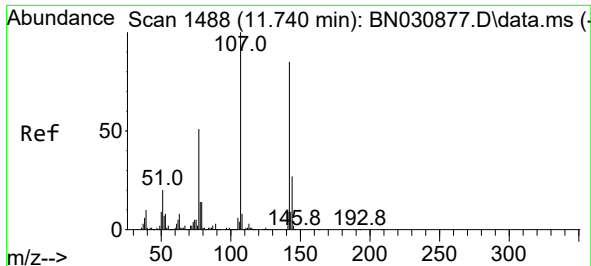
Tgt Ion:225 Resp: 234296
Ion Ratio Lower Upper
225 100
223 62.5 50.9 76.3
227 62.6 51.6 77.4



#34
Caprolactam
Concen: 25.877 ng/ul
RT: 11.393 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

Tgt Ion:113 Resp: 96051
Ion Ratio Lower Upper
113 100
55 153.7 124.7 187.1
56 115.7 90.6 135.8

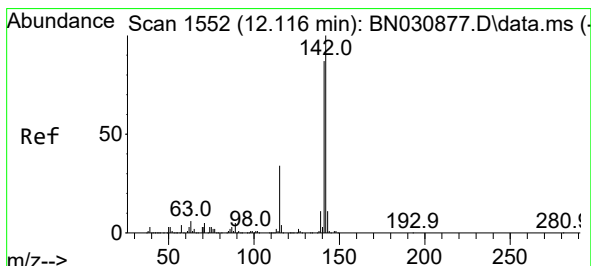
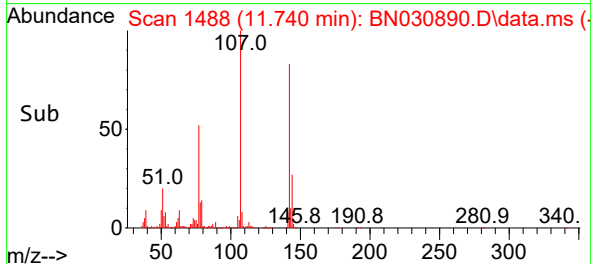
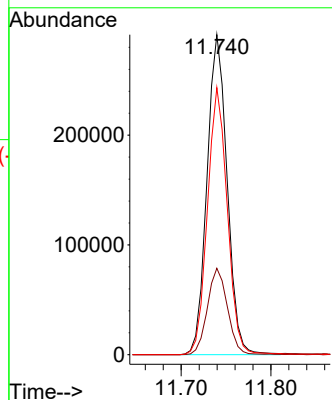
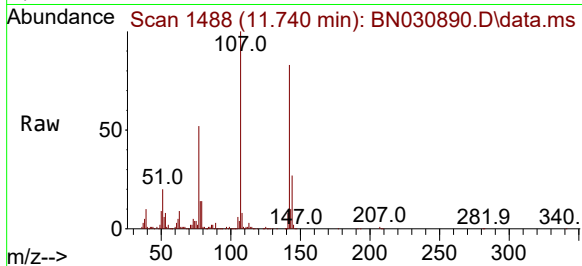




#35
4-Chloro-3-methylphenol
Concen: 40.693 ng/ul
RT: 11.740 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

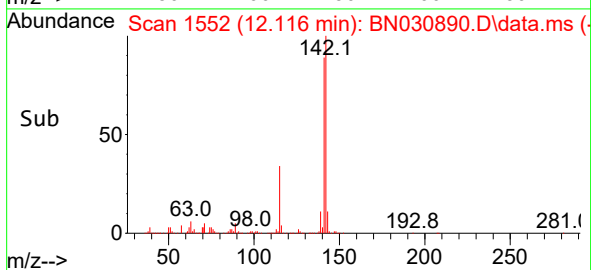
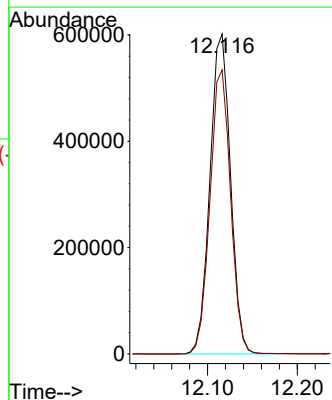
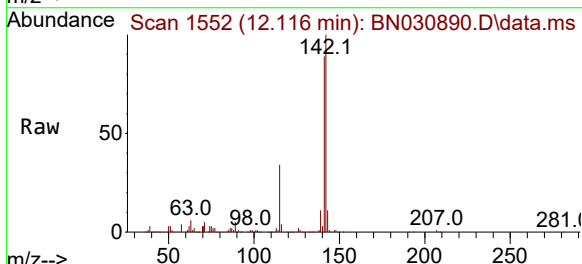
Instrument :
BNA_N
ClientSampleId :
SLCS193

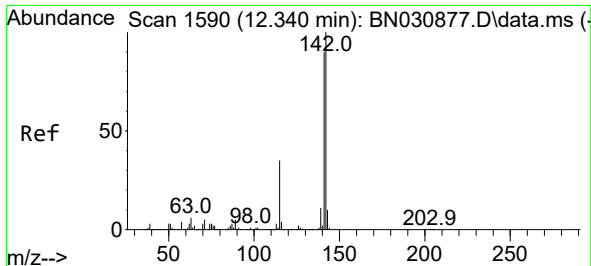
Tgt Ion:107 Resp: 455398
Ion Ratio Lower Upper
107 100
144 27.0 21.4 32.0
142 83.5 65.9 98.9



#36
2-Methylnaphthalene
Concen: 38.157 ng/ul
RT: 12.116 min Scan# 1552
Delta R.T. -0.000 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

Tgt Ion:142 Resp: 957591
Ion Ratio Lower Upper
142 100
141 88.8 70.8 106.2





#37

1-Methylnaphthalene

Concen: 38.385 ng/ul

RT: 12.334 min Scan# 1589

Delta R.T. -0.006 min

Lab File: BN030890.D

Acq: 13 Apr 2024 21:21

Instrument :

BNA_N

ClientSampleId :

SLCS193

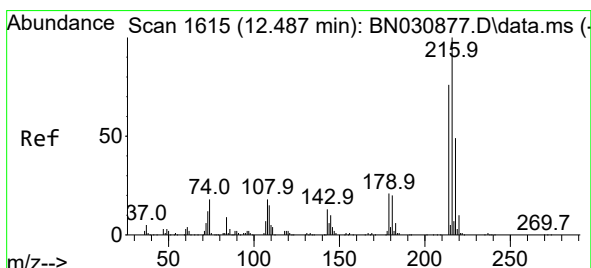
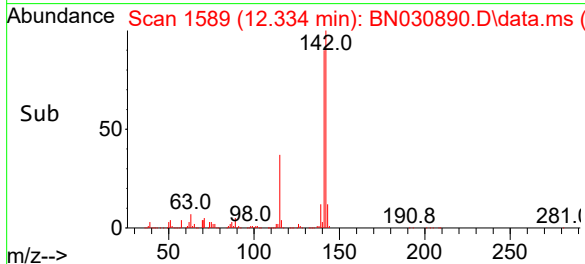
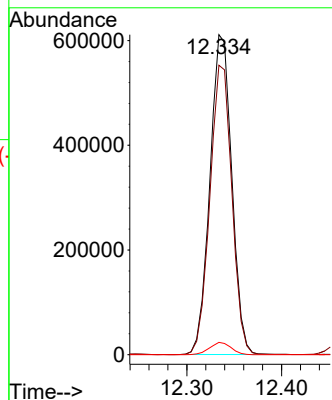
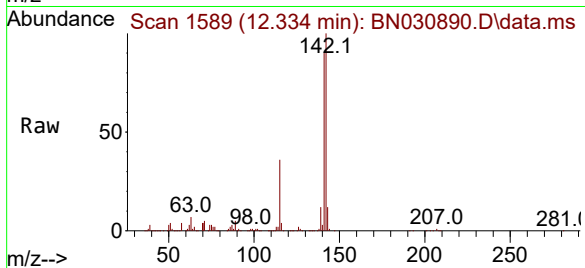
Tgt Ion:142 Resp: 977897

Ion Ratio Lower Upper

142 100

141 90.5 73.0 109.4

116 3.9 2.9 4.3



#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.322 ng/ul

RT: 12.487 min Scan# 1615

Delta R.T. -0.000 min

Lab File: BN030890.D

Acq: 13 Apr 2024 21:21

Tgt Ion:216 Resp: 484250

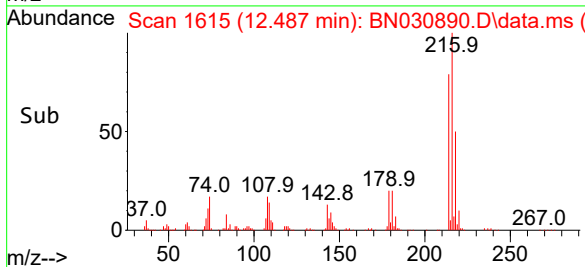
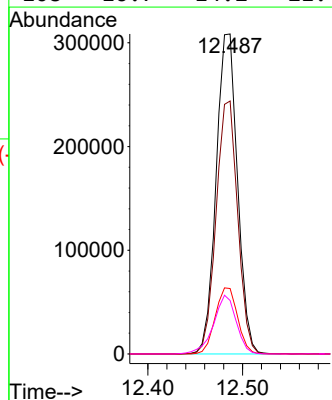
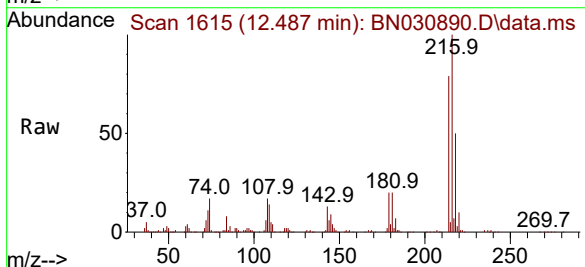
Ion Ratio Lower Upper

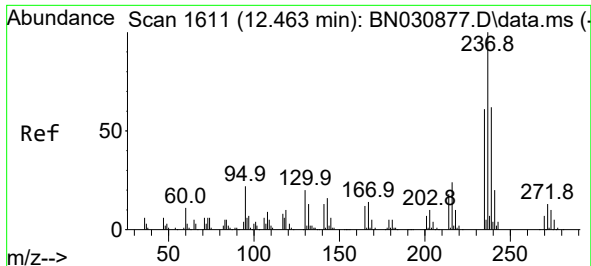
216 100

214 79.0 60.9 91.3

179 20.5 17.4 26.0

108 16.7 14.2 21.4

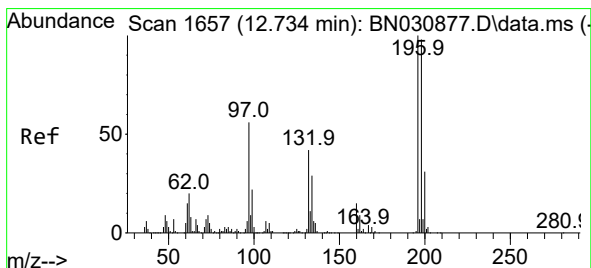
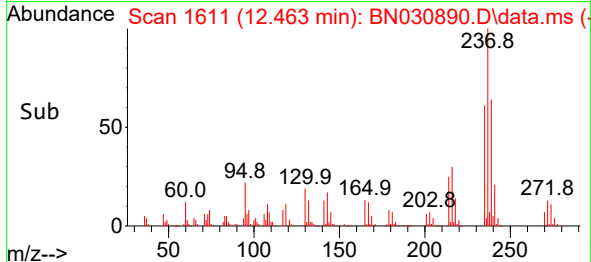
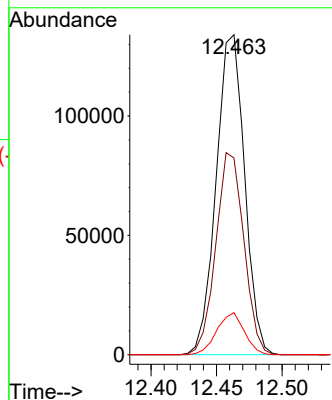
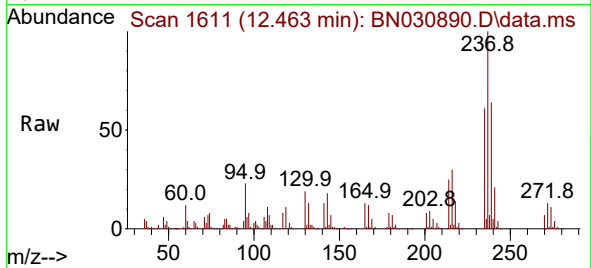




#40
Hexachlorocyclopentadiene
Concen: 29.667 ng/ul
RT: 12.463 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

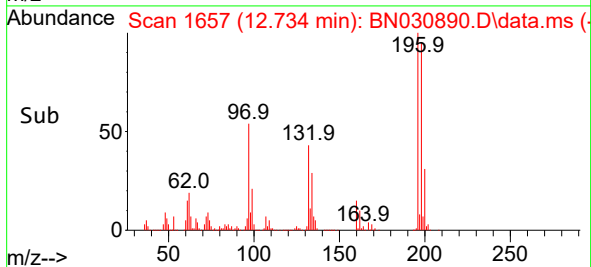
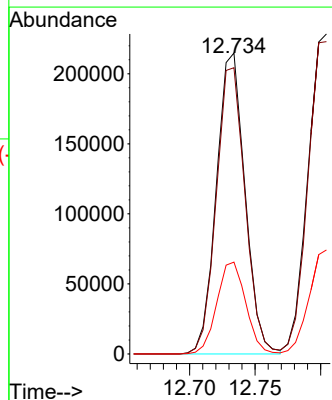
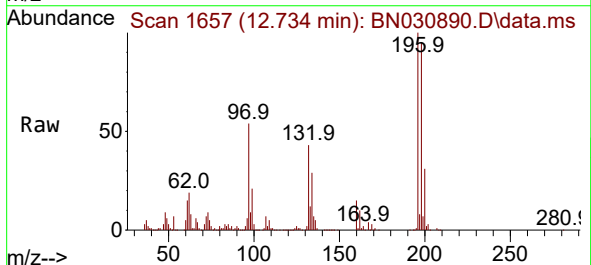
Instrument :
BNA_N
ClientSampleId :
SLCS193

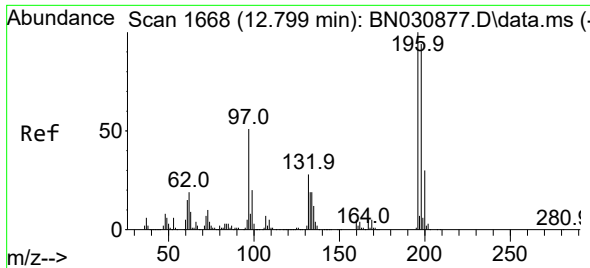
Tgt Ion:237 Resp: 202337
Ion Ratio Lower Upper
237 100
235 61.5 50.6 76.0
272 13.8 10.2 15.4



#41
2,4,6-Trichlorophenol
Concen: 43.372 ng/ul
RT: 12.734 min Scan# 1657
Delta R.T. -0.000 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

Tgt Ion:196 Resp: 325497
Ion Ratio Lower Upper
196 100
198 95.1 74.6 111.8
200 30.5 24.8 37.2

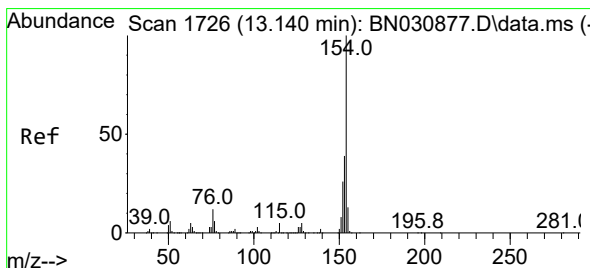
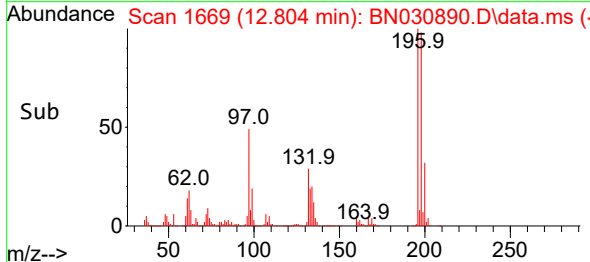
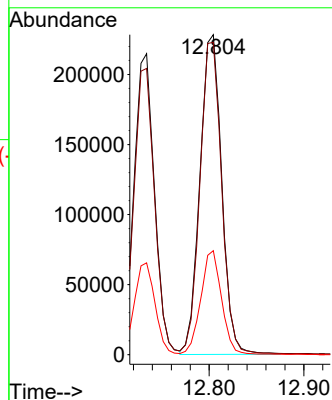
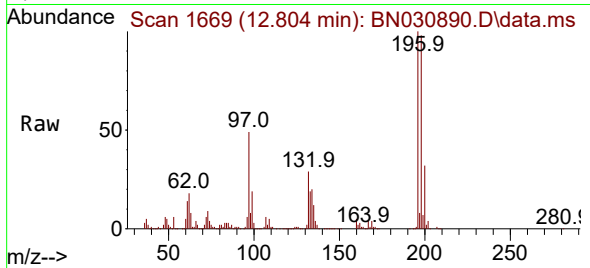




#42
2,4,5-Trichlorophenol
Concen: 43.113 ng/ul
RT: 12.804 min Scan# 1669
Delta R.T. 0.006 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

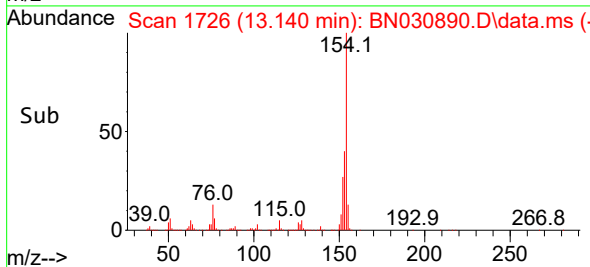
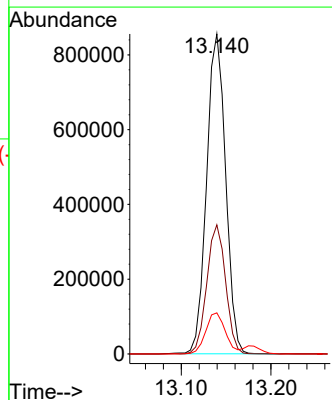
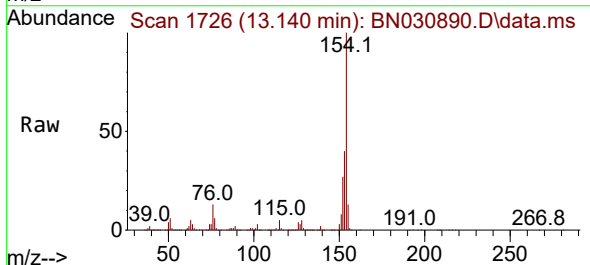
Instrument :
BNA_N
ClientSampleId :
SLCS193

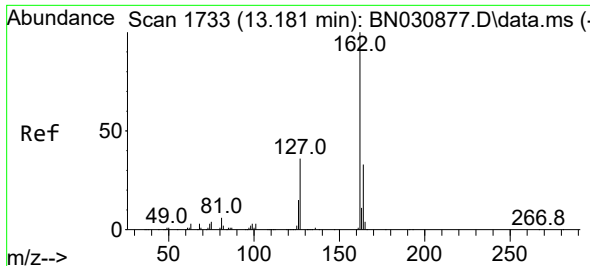
Tgt Ion:196 Resp: 365396
Ion Ratio Lower Upper
196 100
198 97.6 73.0 109.6
200 32.5 25.2 37.8



#43
1,1'-Biphenyl
Concen: 39.624 ng/ul
RT: 13.140 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

Tgt Ion:154 Resp: 1256853
Ion Ratio Lower Upper
154 100
153 40.3 31.5 47.3
76 12.9 9.8 14.6

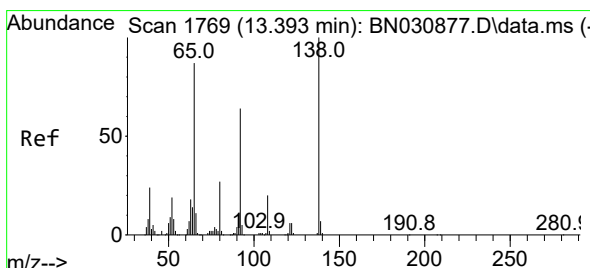
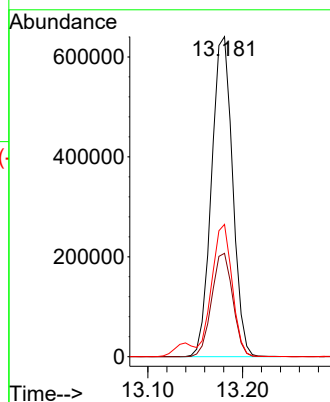
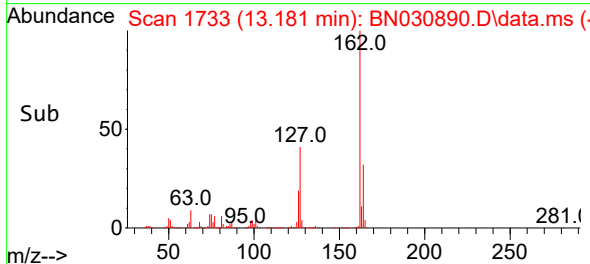
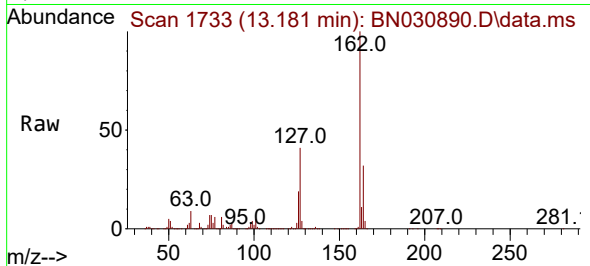




#44
2-Chloronaphthalene
Concen: 39.657 ng/ul
RT: 13.181 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

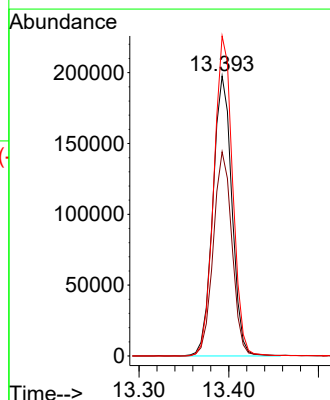
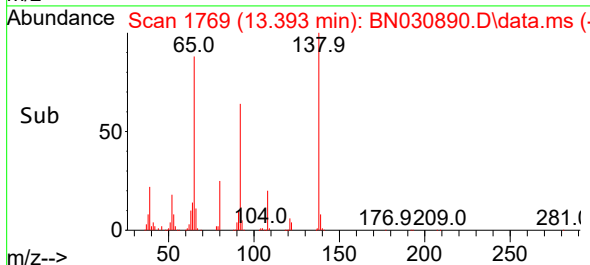
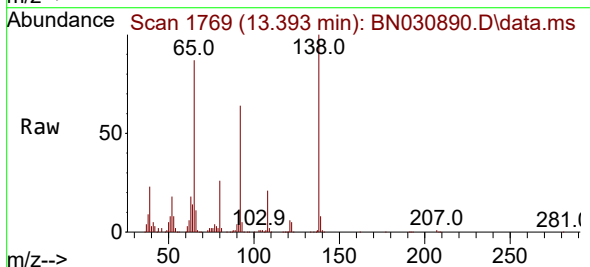
Instrument :
BNA_N
ClientSampleId :
SLCS193

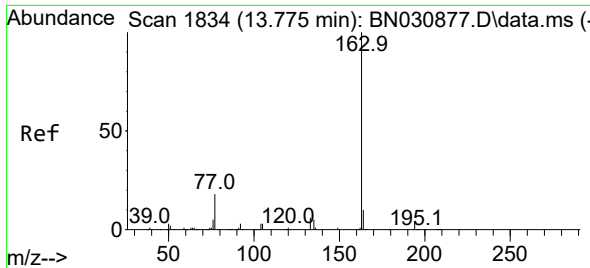
Tgt Ion:162 Resp: 990221
Ion Ratio Lower Upper
162 100
164 32.3 25.7 38.5
127 41.4 32.2 48.2



#45
2-Nitroaniline
Concen: 43.822 ng/ul
RT: 13.393 min Scan# 1769
Delta R.T. -0.000 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

Tgt Ion: 65 Resp: 291198
Ion Ratio Lower Upper
65 100
92 72.9 57.7 86.5
138 114.3 90.6 135.8

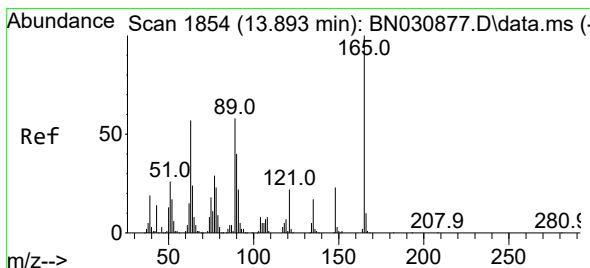
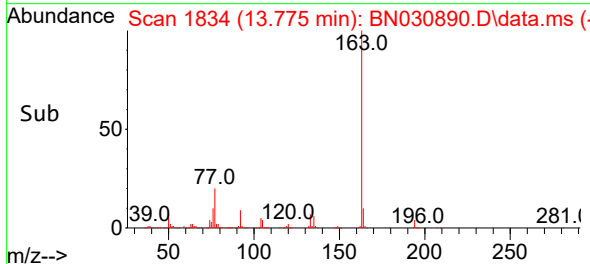
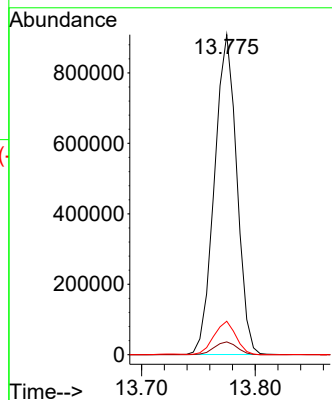
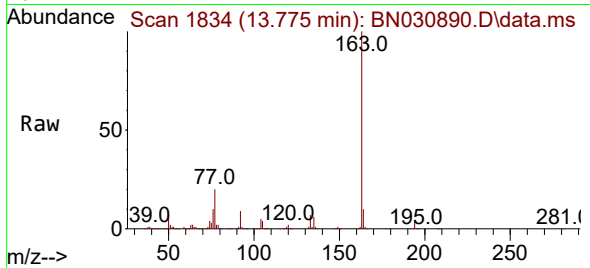




#47
Dimethylphthalate
Concen: 38.612 ng/ul
RT: 13.775 min Scan# 1834
Delta R.T. -0.000 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

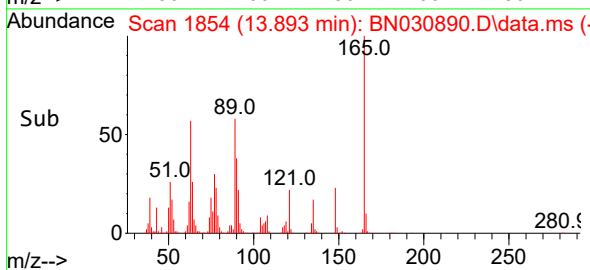
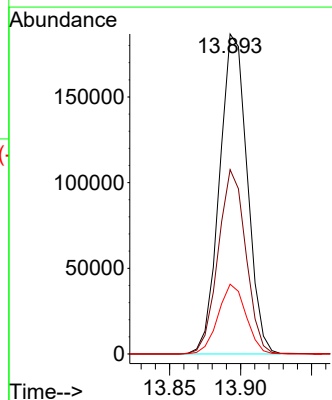
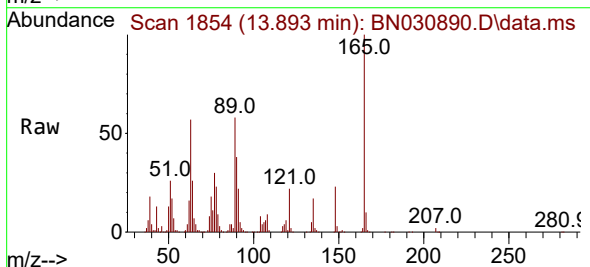
Instrument :
BNA_N
ClientSampleId :
SLCS193

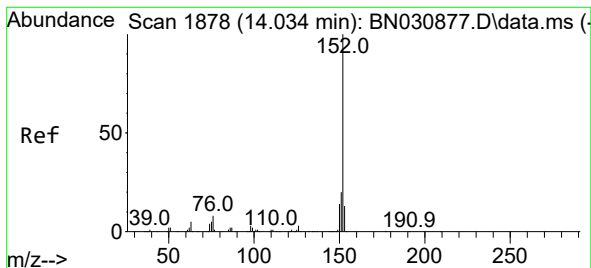
Tgt Ion:163 Resp: 1239268
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.4 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 42.621 ng/ul
RT: 13.893 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

Tgt Ion:165 Resp: 253625
Ion Ratio Lower Upper
165 100
89 57.6 43.5 65.3
121 21.8 15.7 23.5





#50

Acenaphthylene

Concen: 38.973 ng/ul

RT: 14.034 min Scan# 1878

Delta R.T. -0.000 min

Lab File: BN030890.D

Acq: 13 Apr 2024 21:21

Instrument :

BNA_N

ClientSampleId :

SLCS193

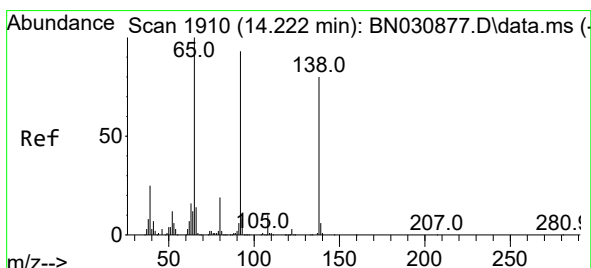
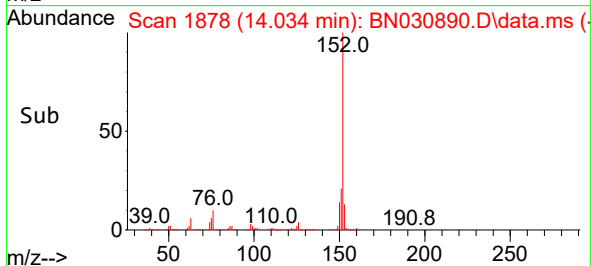
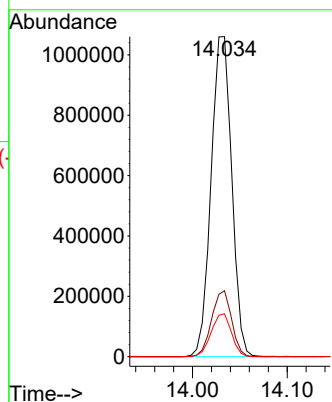
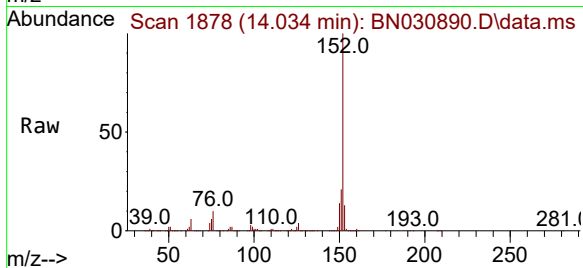
Tgt Ion:152 Resp: 1608658

Ion Ratio Lower Upper

152 100

151 20.6 15.8 23.8

153 13.4 10.7 16.1



#51

3-Nitroaniline

Concen: 46.557 ng/ul

RT: 14.228 min Scan# 1911

Delta R.T. 0.006 min

Lab File: BN030890.D

Acq: 13 Apr 2024 21:21

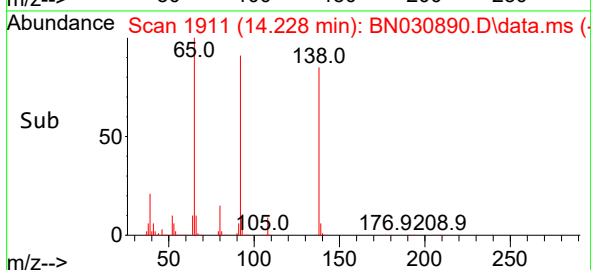
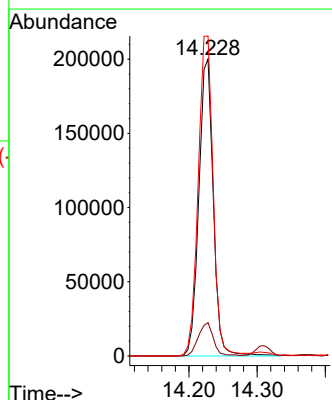
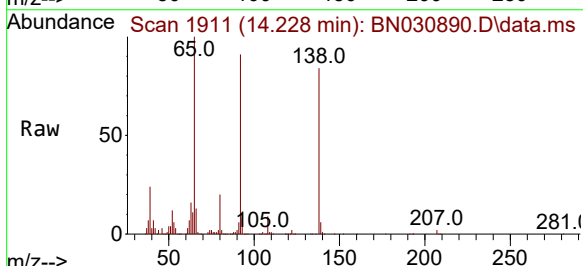
Tgt Ion:138 Resp: 294059

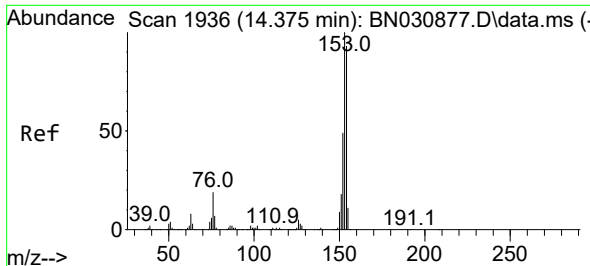
Ion Ratio Lower Upper

138 100

108 11.2 9.6 14.4

92 107.8 89.6 134.4

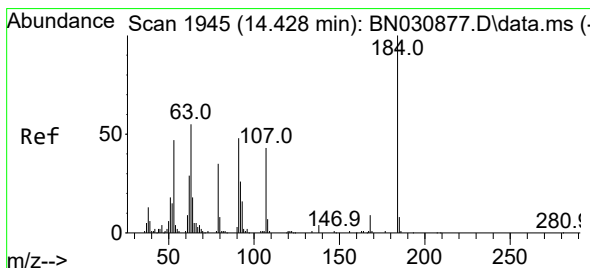
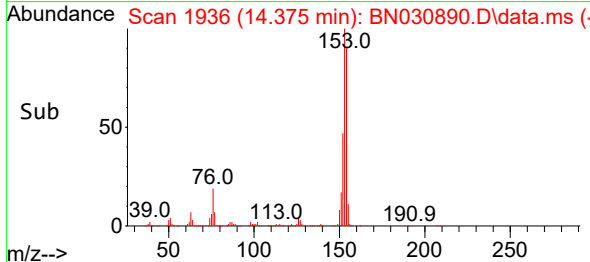
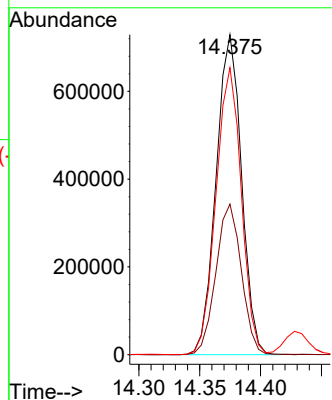
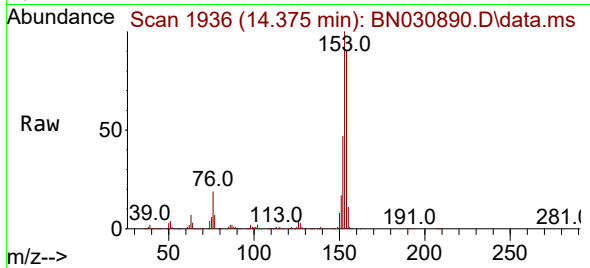




#52
Acenaphthene
Concen: 38.541 ng/ul
RT: 14.375 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

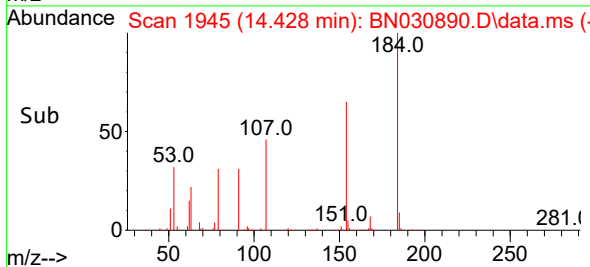
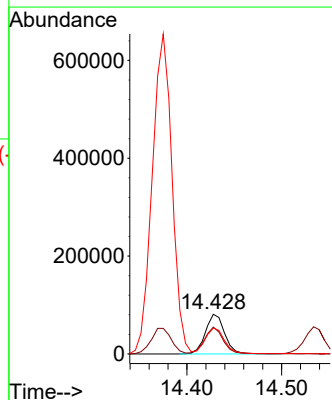
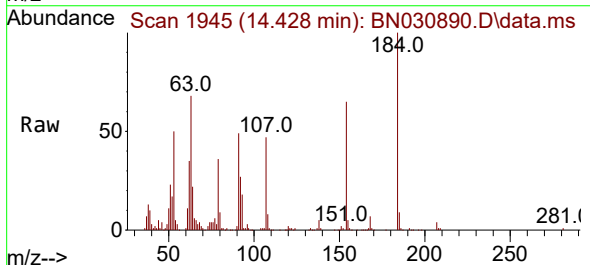
Instrument :
BNA_N
ClientSampleId :
SLCS193

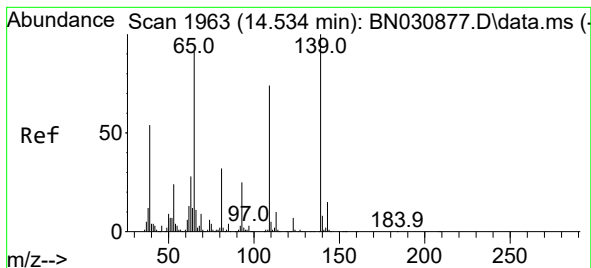
Tgt Ion:153 Resp: 1060138
Ion Ratio Lower Upper
153 100
152 47.0 37.6 56.4
154 89.7 70.3 105.5



#53
2,4-Dinitrophenol
Concen: 41.975 ng/ul
RT: 14.428 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

Tgt Ion:184 Resp: 114727
Ion Ratio Lower Upper
184 100
63 67.6 49.9 74.9
154 65.3 49.5 74.3

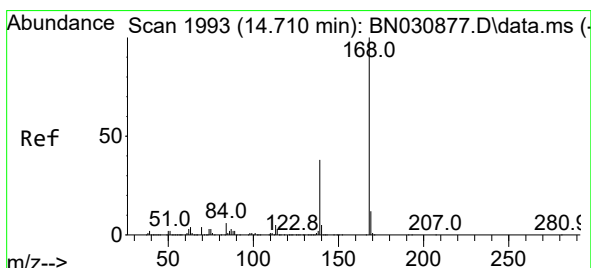
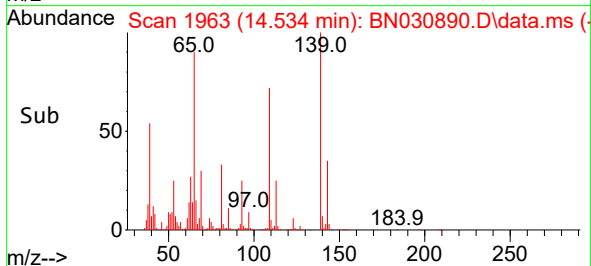
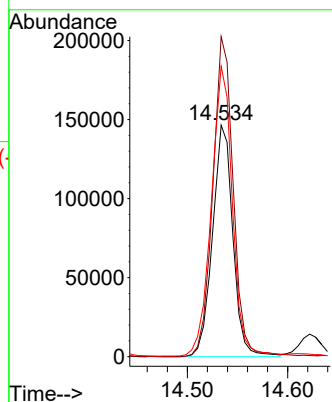
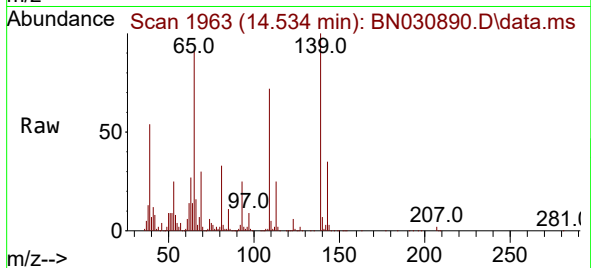




#55
4-Nitrophenol
Concen: 43.798 ng/ul
RT: 14.534 min Scan# 1963
Delta R.T. -0.000 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

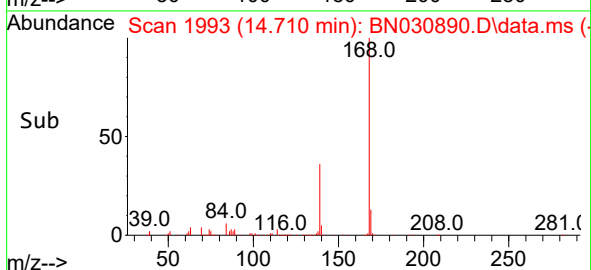
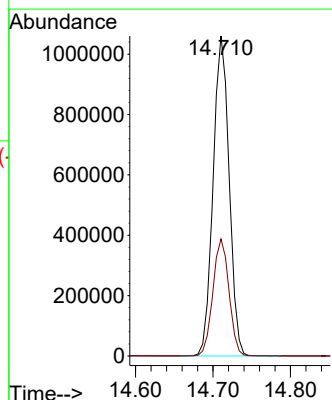
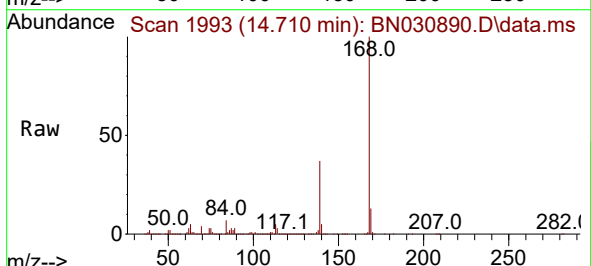
Instrument :
BNA_N
ClientSampleId :
SLCS193

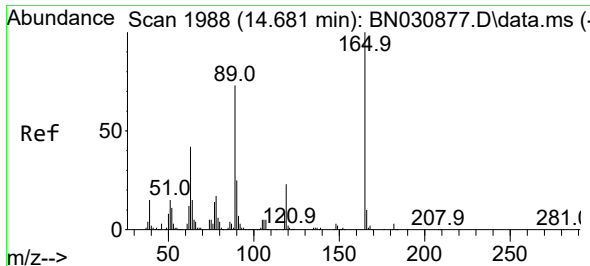
Tgt Ion:109 Resp: 206227
Ion Ratio Lower Upper
109 100
139 138.2 111.8 167.6
65 125.5 98.7 148.1



#56
Dibenzofuran
Concen: 39.781 ng/ul
RT: 14.710 min Scan# 1993
Delta R.T. -0.000 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

Tgt Ion:168 Resp: 1521035
Ion Ratio Lower Upper
168 100
139 36.5 30.2 45.4

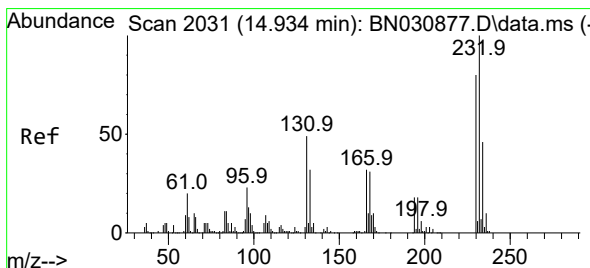
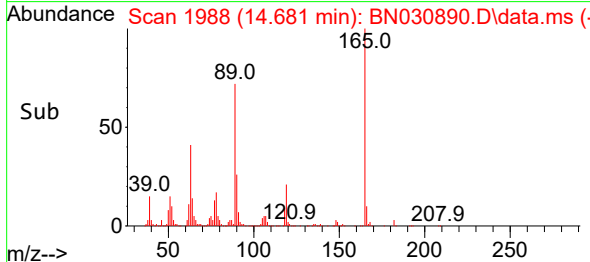
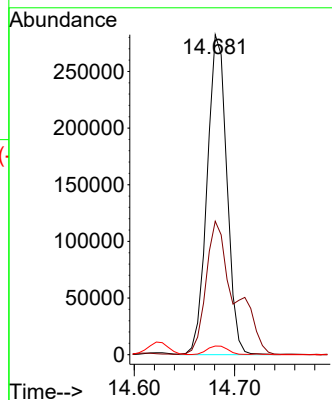
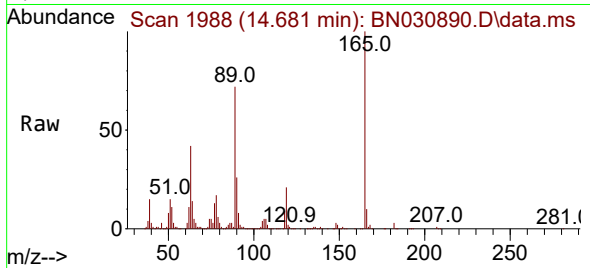




#57
2,4-Dinitrotoluene
Concen: 44.379 ng/ul
RT: 14.681 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

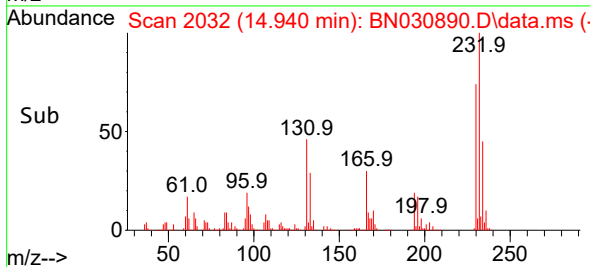
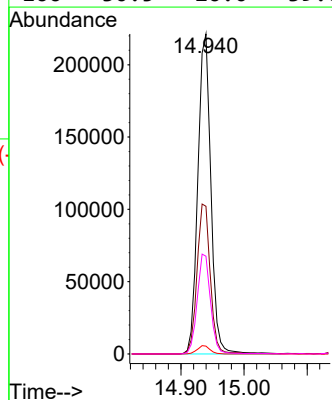
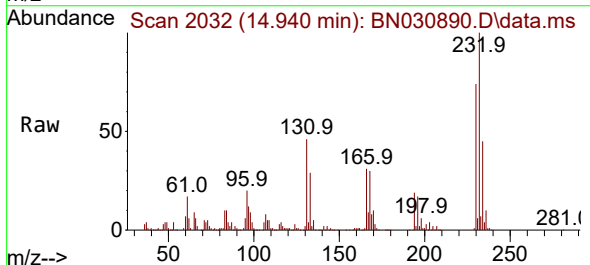
Instrument :
BNA_N
ClientSampleId :
SLCS193

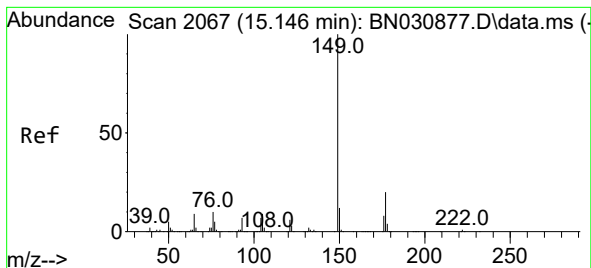
Tgt Ion:165 Resp: 385560
Ion Ratio Lower Upper
165 100
63 41.7 34.7 52.1
182 2.7 2.4 3.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 45.040 ng/ul
RT: 14.940 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

Tgt Ion:232 Resp: 317036
Ion Ratio Lower Upper
232 100
131 46.2 36.6 55.0
130 2.5 2.2 3.2
166 30.5 26.0 39.0





#59

Diethylphthalate

Concen: 39.015 ng/ul

RT: 15.145 min Scan# 2067

Delta R.T. -0.000 min

Lab File: BN030890.D

Acq: 13 Apr 2024 21:21

Instrument :

BNA_N

ClientSampleId :

SLCS193

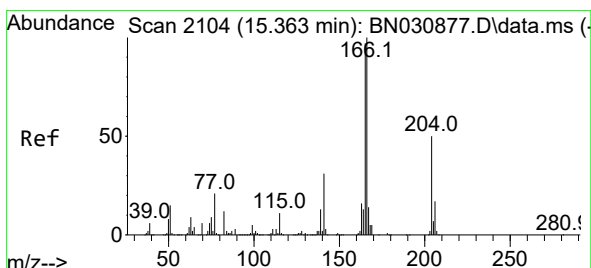
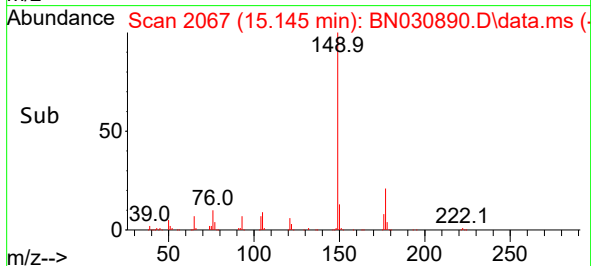
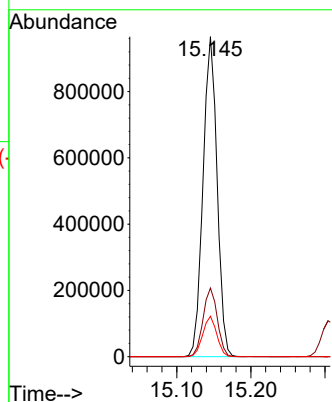
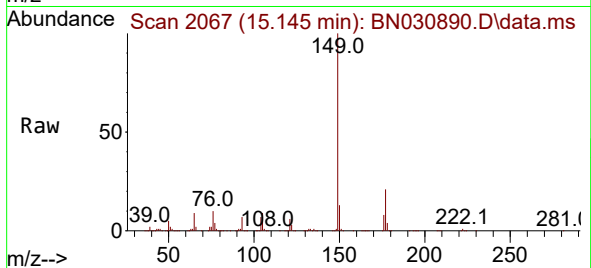
Tgt Ion:149 Resp: 1272140

Ion Ratio Lower Upper

149 100

177 21.4 17.4 26.2

150 12.6 9.8 14.8



#61

Fluorene

Concen: 39.634 ng/ul

RT: 15.363 min Scan# 2104

Delta R.T. -0.000 min

Lab File: BN030890.D

Acq: 13 Apr 2024 21:21

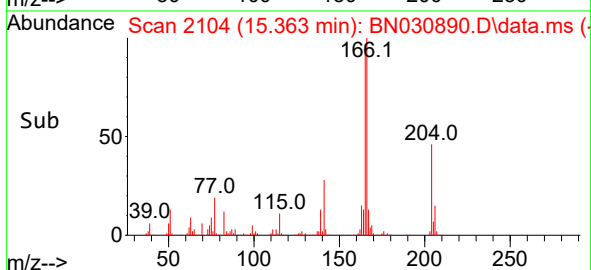
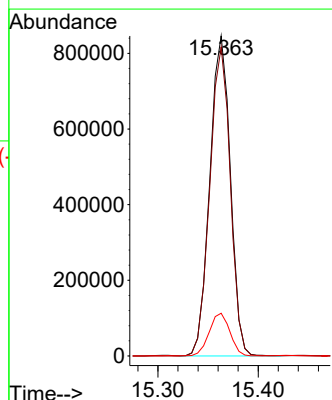
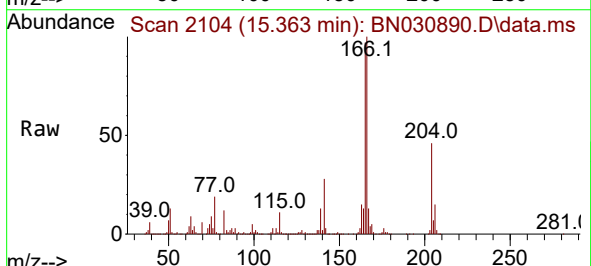
Tgt Ion:166 Resp: 1204545

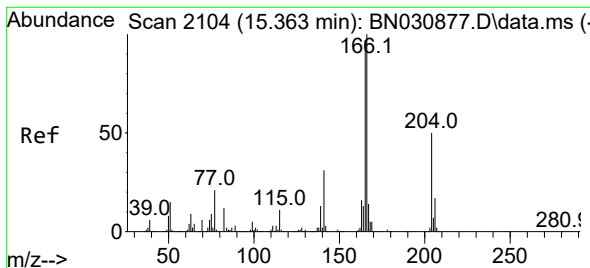
Ion Ratio Lower Upper

166 100

165 96.6 78.2 117.4

167 13.3 11.0 16.4

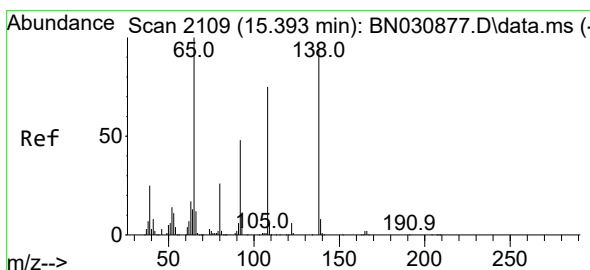
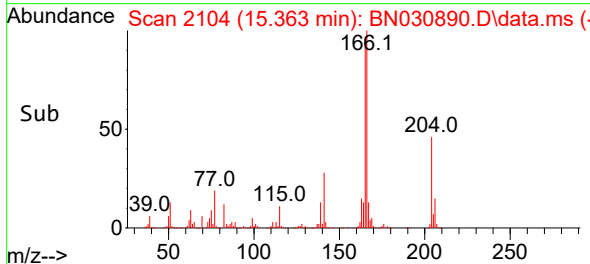
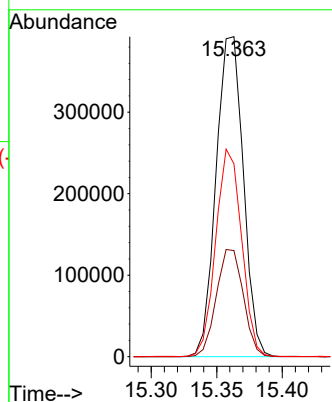
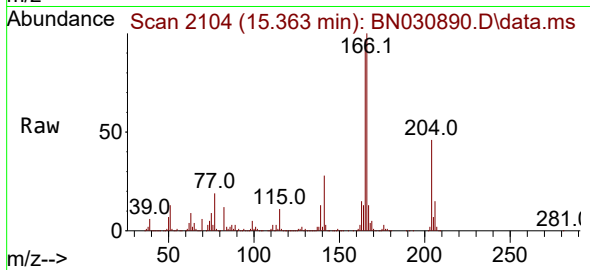




#62
4-Chlorophenyl-phenylether
Concen: 38.119 ng/ul
RT: 15.363 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

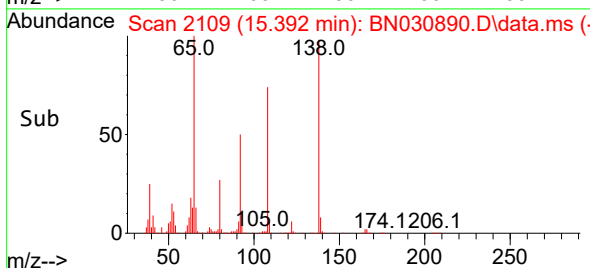
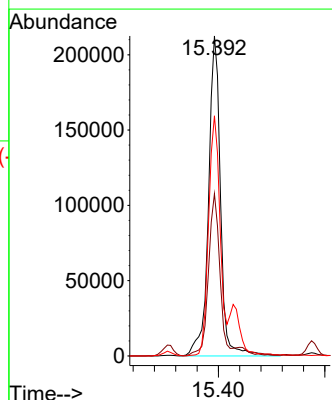
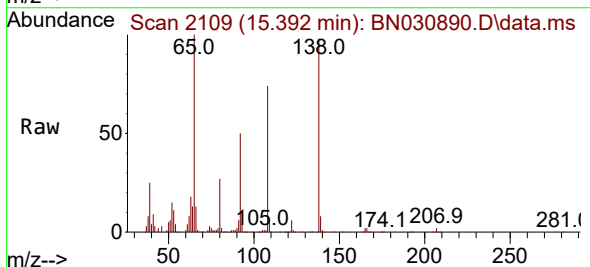
Instrument :
BNA_N
ClientSampleId :
SLCS193

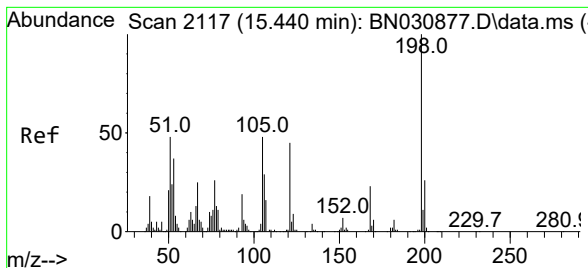
Tgt Ion:204 Resp: 568379
Ion Ratio Lower Upper
204 100
206 33.2 25.8 38.6
141 60.3 49.1 73.7



#63
4-Nitroaniline
Concen: 54.276 ng/ul
RT: 15.392 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

Tgt Ion:138 Resp: 333283
Ion Ratio Lower Upper
138 100
92 50.7 39.7 59.5
108 75.1 62.6 94.0

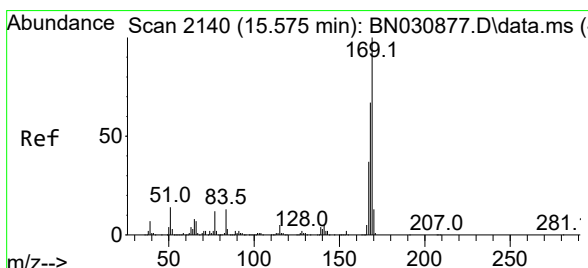
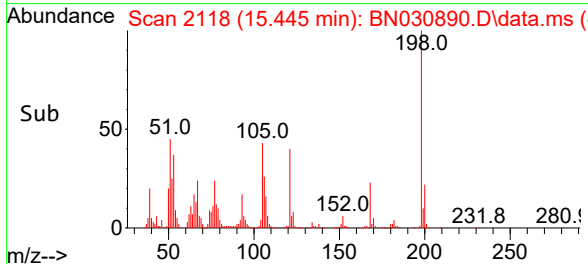
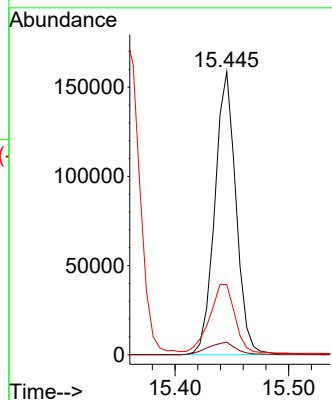
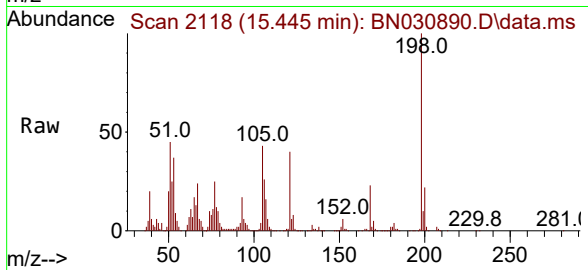




#66
4,6-Dinitro-2-methylphenol
Concen: 42.463 ng/ul
RT: 15.445 min Scan# 2117
Delta R.T. 0.006 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

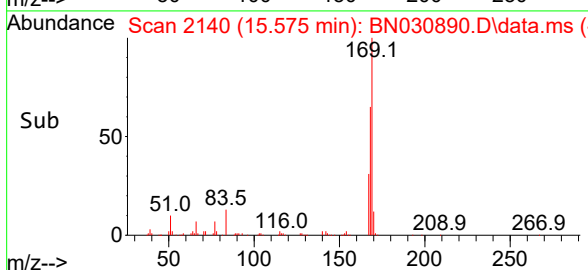
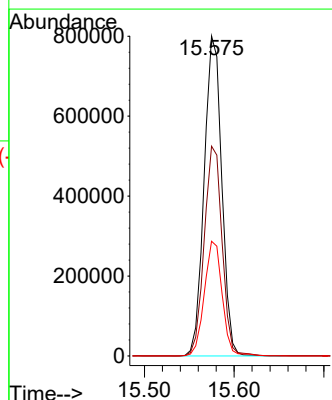
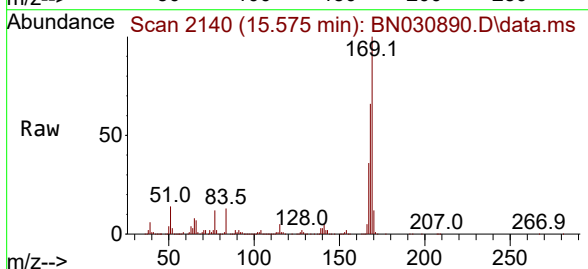
Instrument :
BNA_N
ClientSampleId :
SLCS193

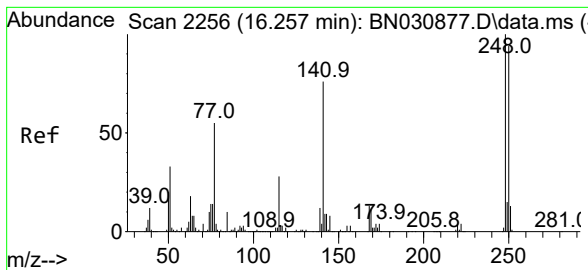
Tgt Ion:198 Resp: 205730
Ion Ratio Lower Upper
198 100
182 4.4 3.6 5.4
77 24.8 22.2 33.4



#67
N-Nitrosodiphenylamine
Concen: 39.210 ng/ul
RT: 15.575 min Scan# 2140
Delta R.T. -0.000 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

Tgt Ion:169 Resp: 1090836
Ion Ratio Lower Upper
169 100
168 65.5 51.9 77.9
167 35.9 29.0 43.4

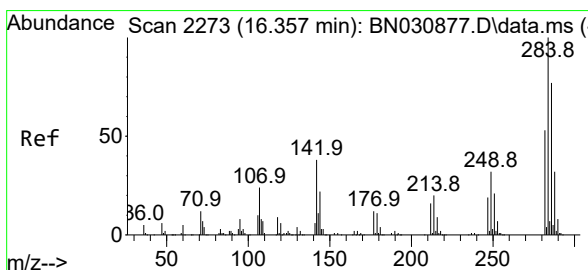
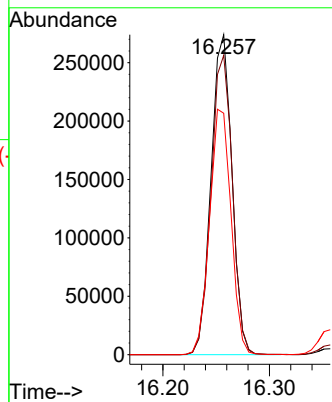
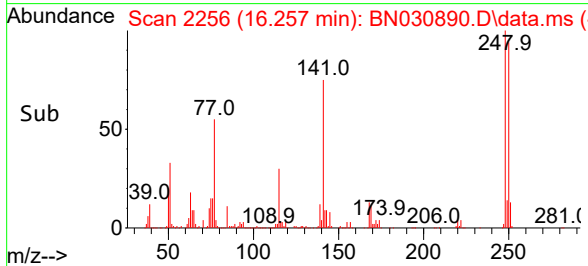
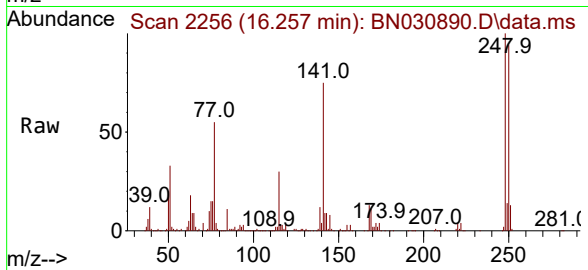




#68
4-Bromophenyl-phenylether
Concen: 38.578 ng/ul
RT: 16.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

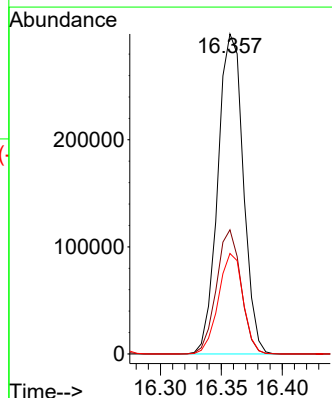
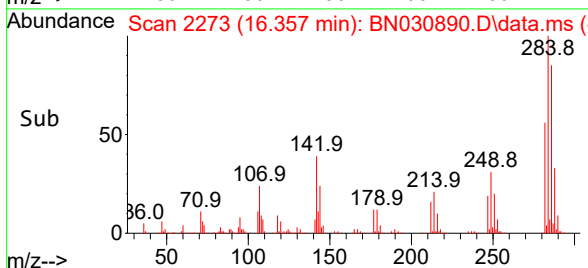
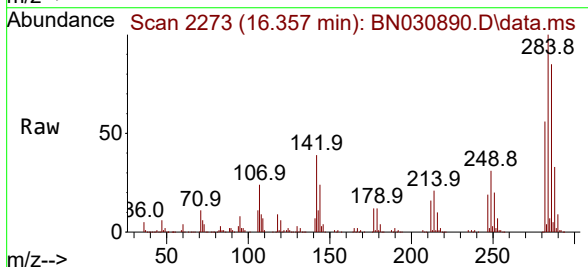
Instrument :
BNA_N
ClientSampleId :
SLCS193

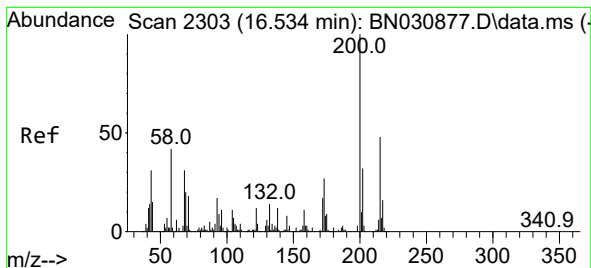
Tgt Ion:248 Resp: 374224
Ion Ratio Lower Upper
248 100
250 93.6 80.0 120.0
141 75.4 60.5 90.7



#69
Hexachlorobenzene
Concen: 38.007 ng/ul
RT: 16.357 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

Tgt Ion:284 Resp: 434132
Ion Ratio Lower Upper
284 100
142 38.8 28.6 43.0
249 31.4 25.0 37.4





#70

Atrazine

Concen: 39.773 ng/ul

RT: 16.534 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN030890.D

Acq: 13 Apr 2024 21:21

Instrument :

BNA_N

ClientSampleId :

SLCS193

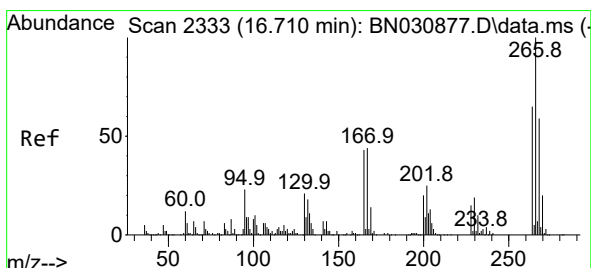
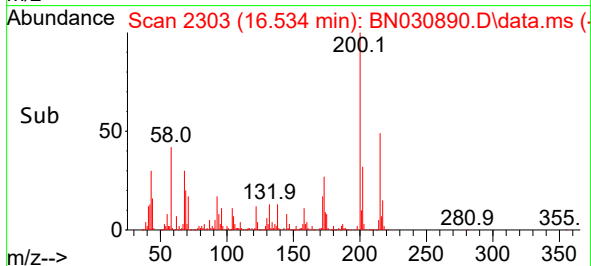
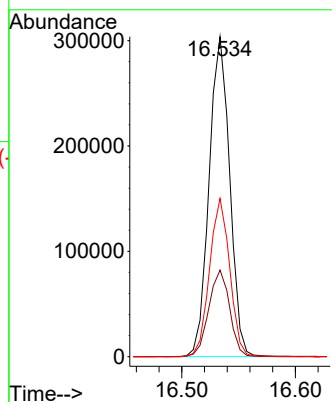
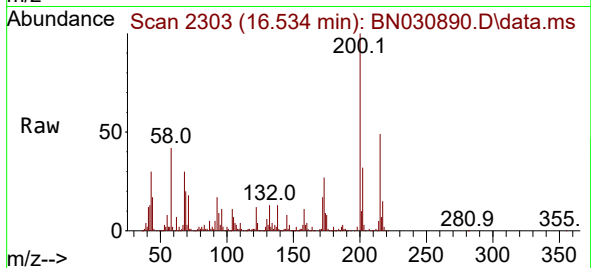
Tgt Ion:200 Resp: 383518

Ion Ratio Lower Upper

200 100

173 27.1 21.5 32.3

215 49.5 37.8 56.8



#71

Pentachlorophenol

Concen: 42.730 ng/ul

RT: 16.710 min Scan# 2333

Delta R.T. -0.000 min

Lab File: BN030890.D

Acq: 13 Apr 2024 21:21

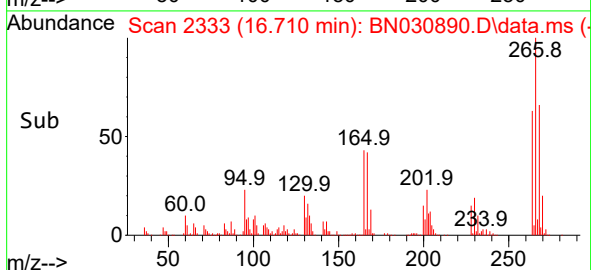
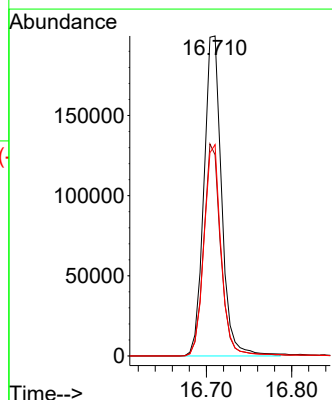
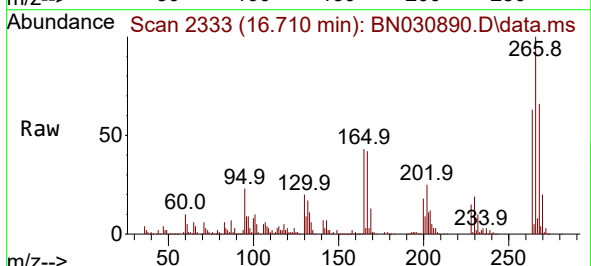
Tgt Ion:266 Resp: 287775

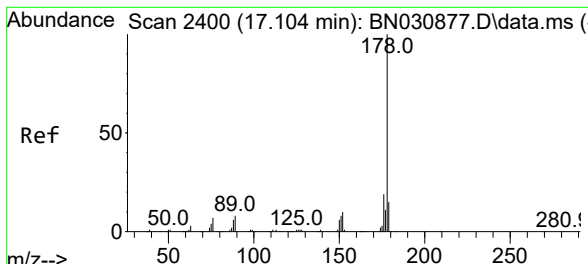
Ion Ratio Lower Upper

266 100

264 62.8 51.0 76.6

268 66.0 52.5 78.7

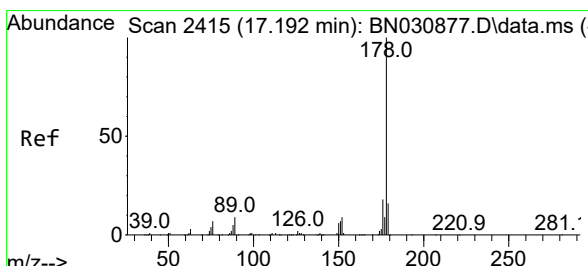
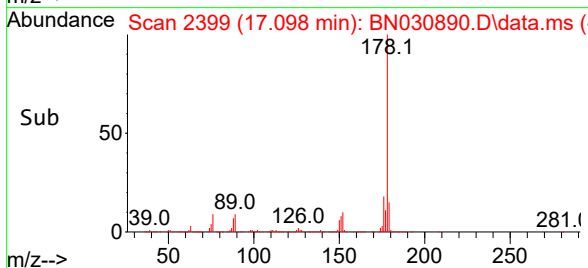
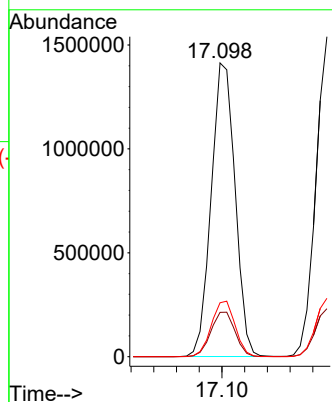
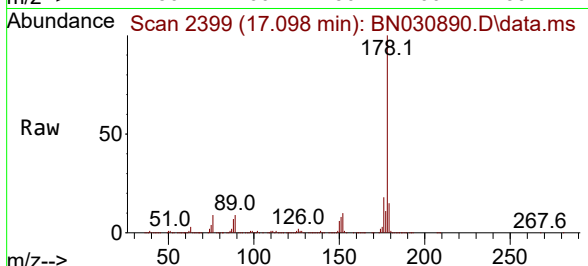




#72
Phenanthrene
Concen: 39.332 ng/ul
RT: 17.098 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

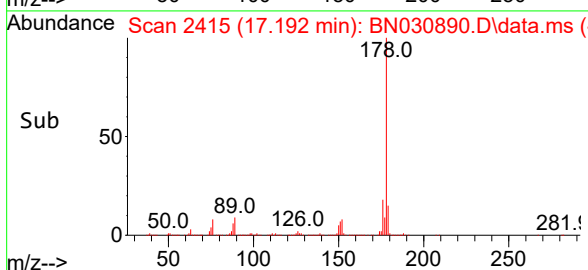
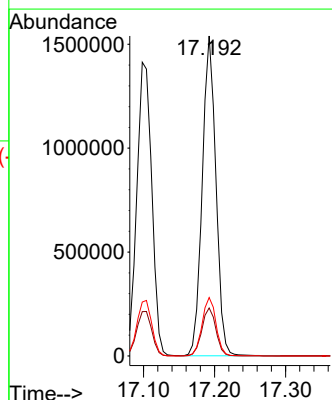
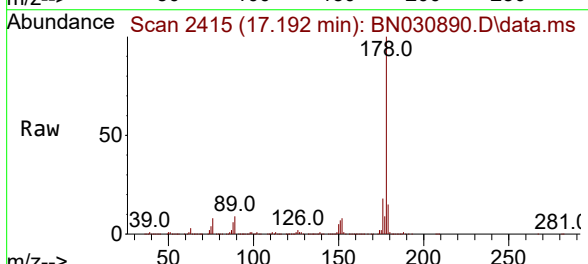
Instrument :
BNA_N
ClientSampleId :
SLCS193

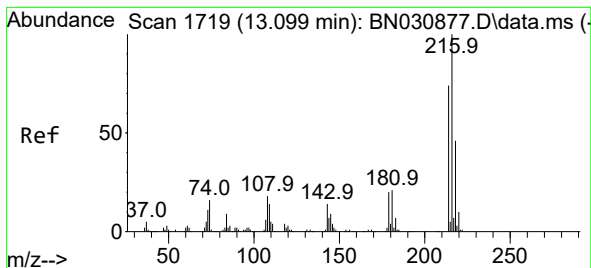
Tgt Ion:178 Resp: 2064294
Ion Ratio Lower Upper
178 100
179 15.1 12.4 18.6
176 18.4 15.0 22.6



#74
Anthracene
Concen: 38.945 ng/ul
RT: 17.192 min Scan# 2415
Delta R.T. -0.000 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

Tgt Ion:178 Resp: 2066319
Ion Ratio Lower Upper
178 100
179 15.0 12.0 18.0
176 18.2 15.0 22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 38.516 ng/uL

RT: 13.098 min Scan# 1719

Delta R.T. -0.000 min

Lab File: BN030890.D

Acq: 13 Apr 2024 21:21

Instrument :

BNA_N

ClientSampleId :

SLCS193

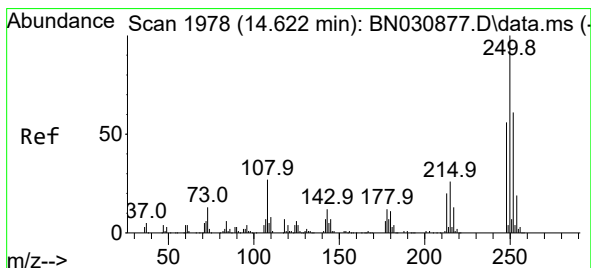
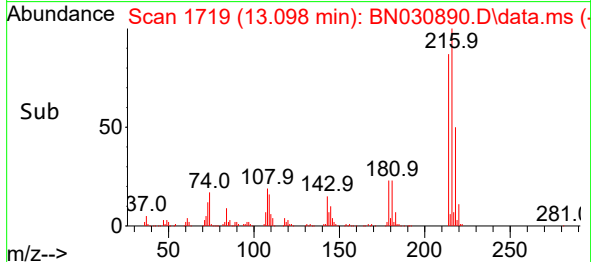
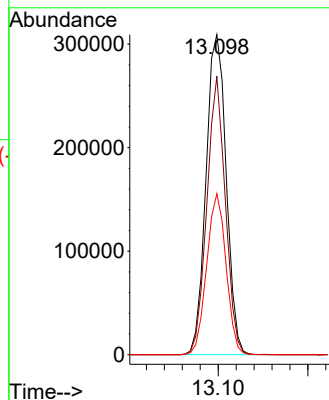
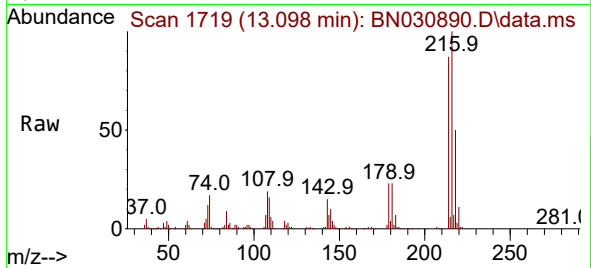
Tgt Ion:216 Resp: 483374

Ion Ratio Lower Upper

216 100

214 87.0 63.1 94.7

218 50.3 39.5 59.3



#76

Pentachlorobenzene

Concen: 37.231 ng/uL

RT: 14.628 min Scan# 1979

Delta R.T. 0.006 min

Lab File: BN030890.D

Acq: 13 Apr 2024 21:21

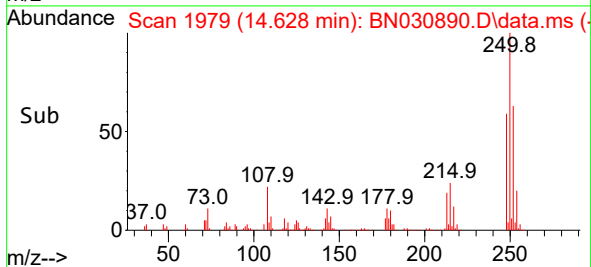
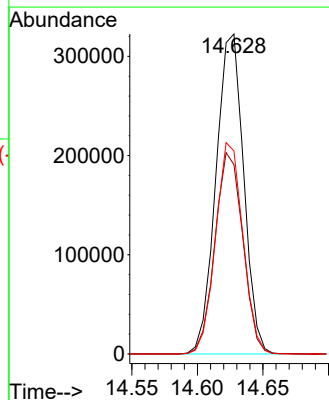
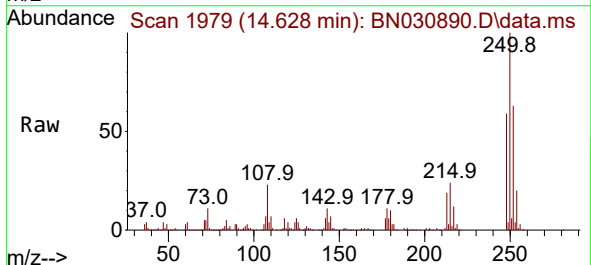
Tgt Ion:250 Resp: 474604

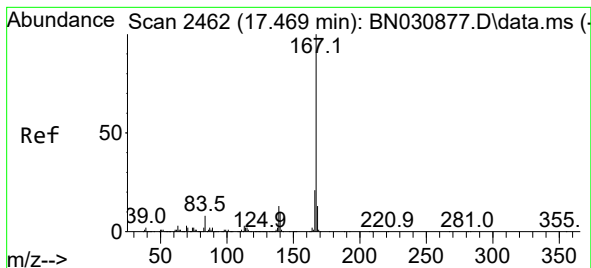
Ion Ratio Lower Upper

250 100

248 59.2 45.8 68.6

252 63.5 48.7 73.1





#77

Carbazole

Concen: 43.152 ng/ul

RT: 17.469 min Scan# 2462

Delta R.T. -0.000 min

Lab File: BN030890.D

Acq: 13 Apr 2024 21:21

Instrument :

BNA_N

ClientSampleId :

SLCS193

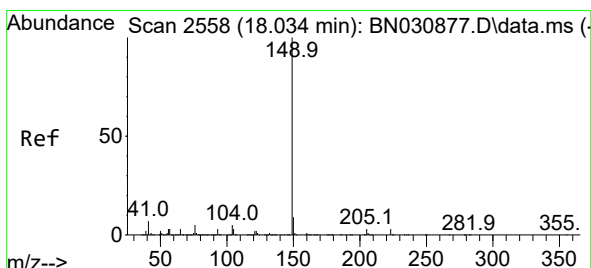
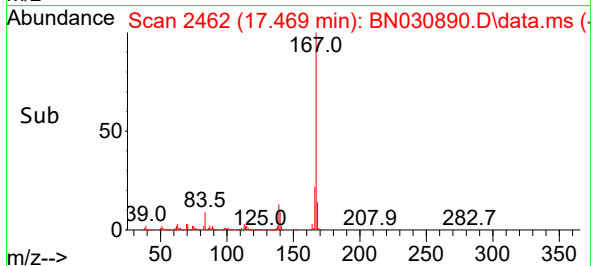
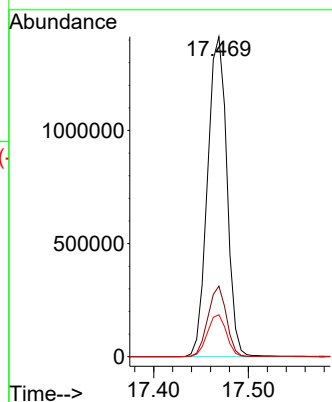
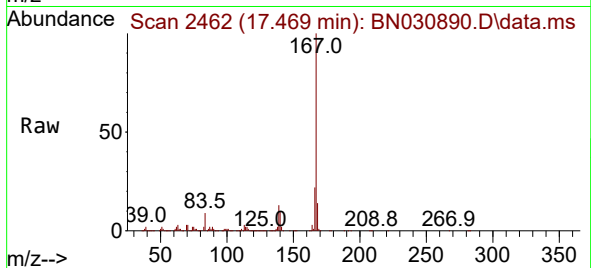
Tgt Ion:167 Resp: 2007822

Ion Ratio Lower Upper

167 100

166 22.1 16.6 24.8

139 13.1 10.5 15.7



#78

Di-n-butylphthalate

Concen: 40.926 ng/ul

RT: 18.034 min Scan# 2558

Delta R.T. -0.000 min

Lab File: BN030890.D

Acq: 13 Apr 2024 21:21

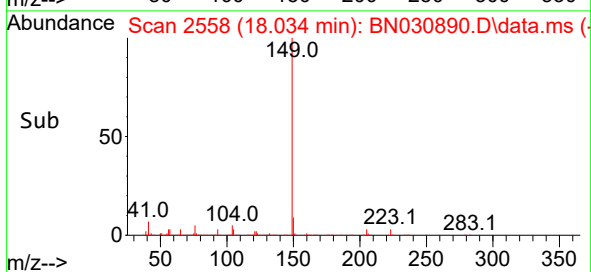
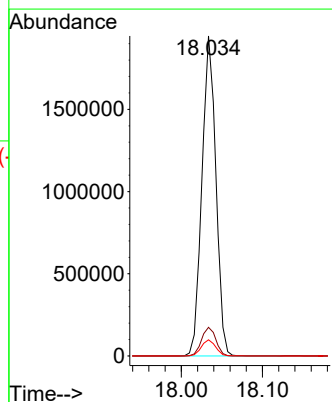
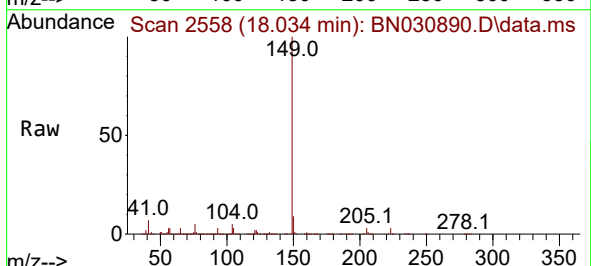
Tgt Ion:149 Resp: 2323093

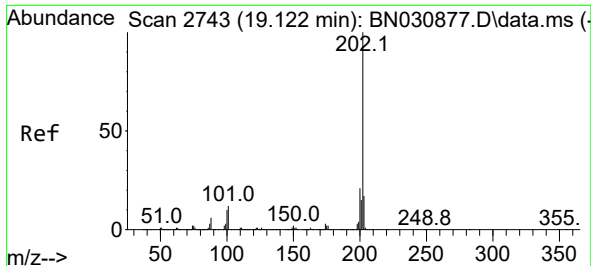
Ion Ratio Lower Upper

149 100

150 8.9 7.2 10.8

104 5.1 4.1 6.1

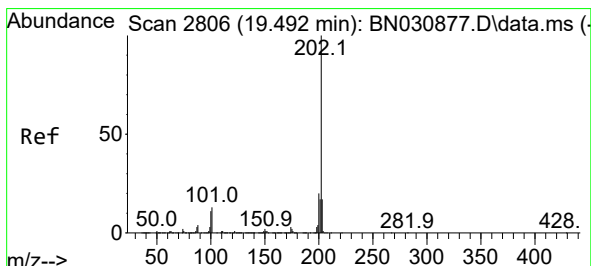
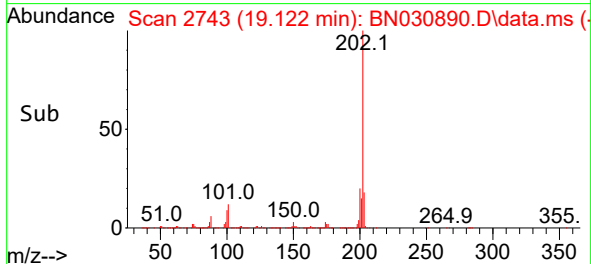
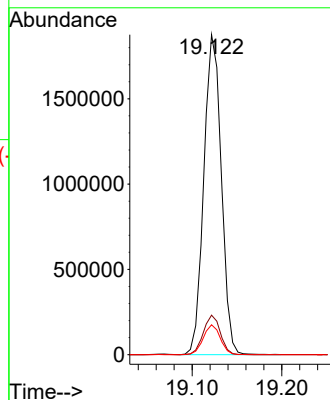
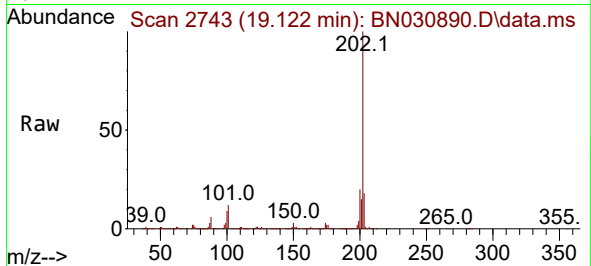




#80
Fluoranthene
Concen: 37.122 ng/ul
RT: 19.122 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

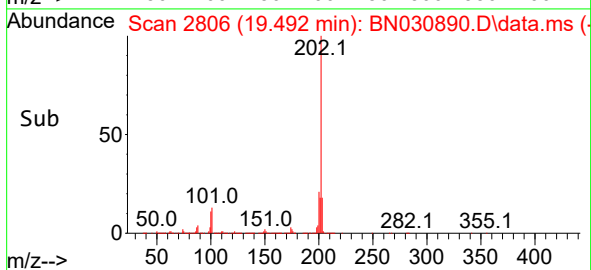
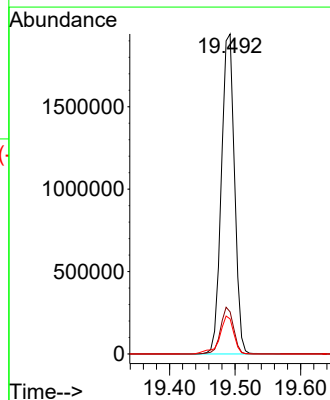
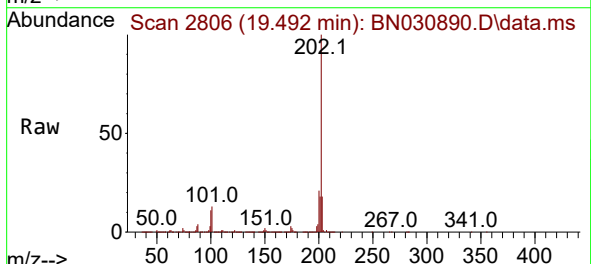
Instrument :
BNA_N
ClientSampleId :
SLCS193

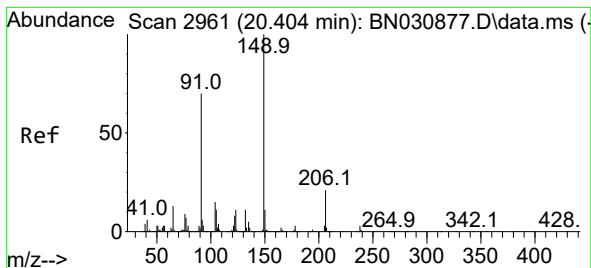
Tgt Ion:202 Resp: 2538121
Ion Ratio Lower Upper
202 100
101 12.3 9.0 13.6
100 9.4 6.8 10.2



#82
Pyrene
Concen: 37.192 ng/ul
RT: 19.492 min Scan# 2806
Delta R.T. -0.000 min
Lab File: BN030890.D
Acq: 13 Apr 2024 21:21

Tgt Ion:202 Resp: 2685554
Ion Ratio Lower Upper
202 100
101 13.1 11.3 16.9
100 11.0 9.2 13.8





#83

Butylbenzylphthalate

Concen: 42.093 ng/ul

RT: 20.398 min Scan# 2960

Delta R.T. -0.006 min

Lab File: BN030890.D

Acq: 13 Apr 2024 21:21

Instrument :

BNA_N

ClientSampleId :

SLCS193

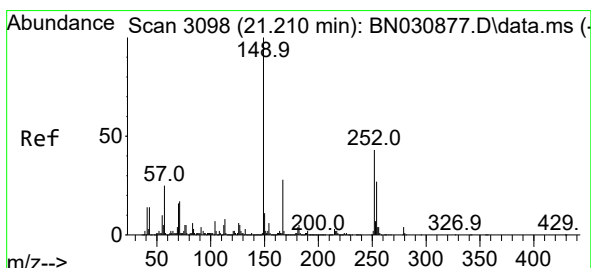
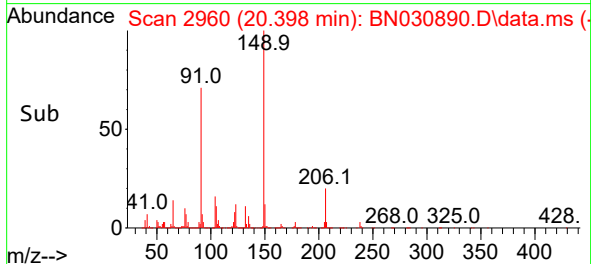
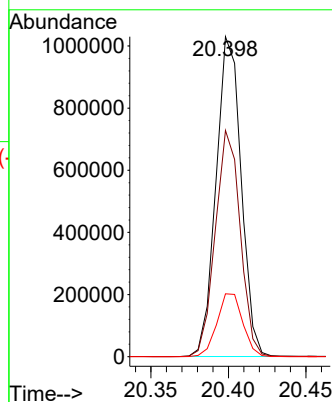
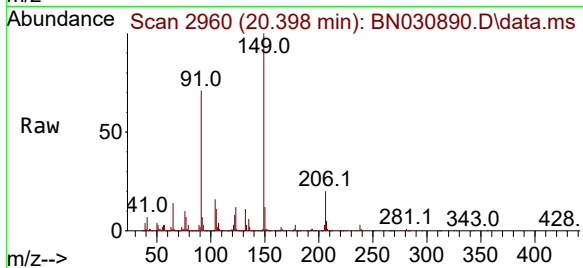
Tgt Ion:149 Resp: 1160723

Ion Ratio Lower Upper

149 100

91 70.7 58.2 87.2

206 19.7 15.4 23.0



#84

3,3'-Dichlorobenzidine

Concen: 41.297 ng/ul

RT: 21.210 min Scan# 3098

Delta R.T. -0.000 min

Lab File: BN030890.D

Acq: 13 Apr 2024 21:21

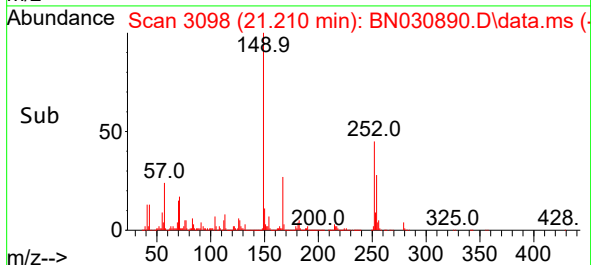
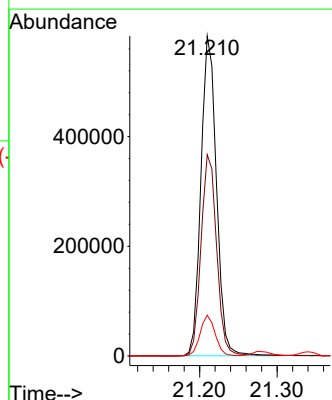
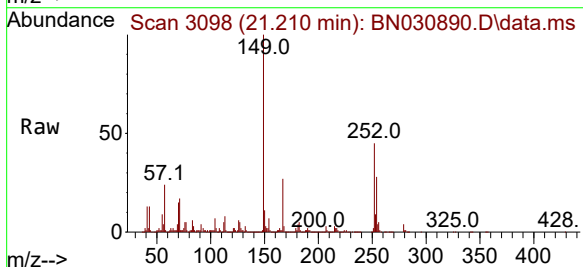
Tgt Ion:252 Resp: 811766

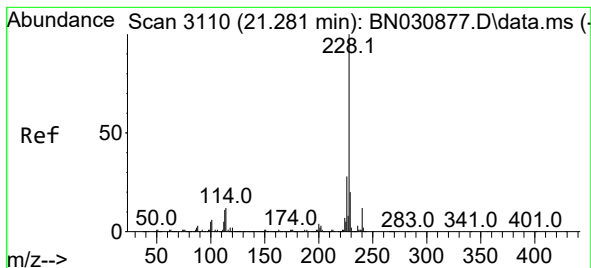
Ion Ratio Lower Upper

252 100

254 62.9 51.1 76.7

126 12.8 9.3 13.9





#85

Benzo(a)anthracene

Concen: 39.280 ng/ul

RT: 21.280 min Scan# 3110

Delta R.T. -0.000 min

Lab File: BN030890.D

Acq: 13 Apr 2024 21:21

Instrument :

BNA_N

ClientSampleId :

SLCS193

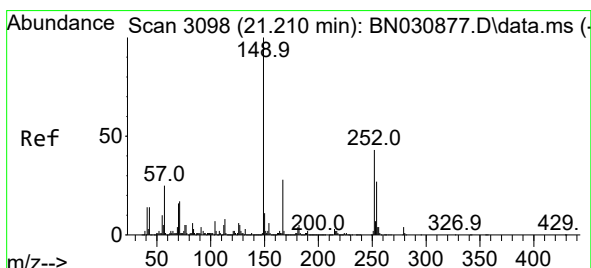
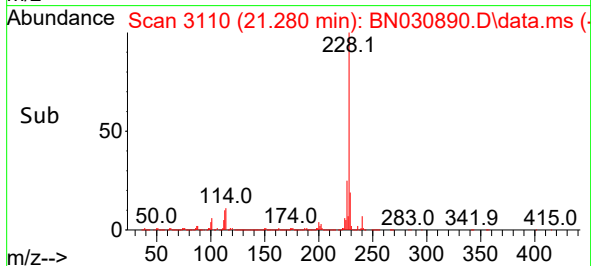
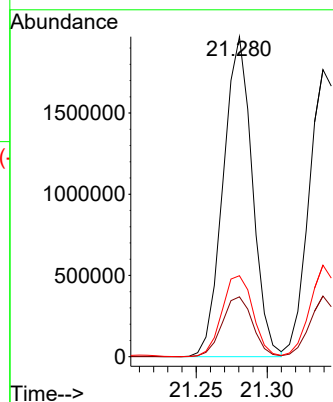
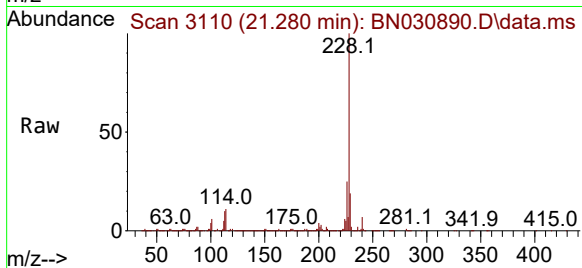
Tgt Ion:228 Resp: 2804406

Ion Ratio Lower Upper

228 100

229 18.7 15.8 23.6

226 25.3 20.5 30.7



#86

Bis(2-ethylhexyl)phthalate

Concen: 39.877 ng/ul

RT: 21.210 min Scan# 3098

Delta R.T. -0.000 min

Lab File: BN030890.D

Acq: 13 Apr 2024 21:21

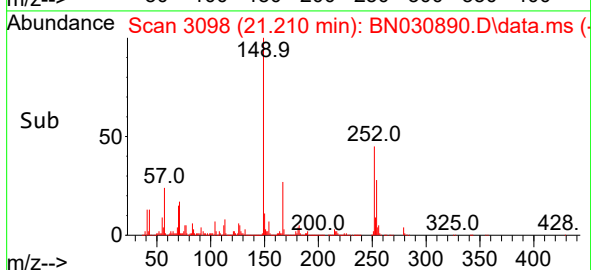
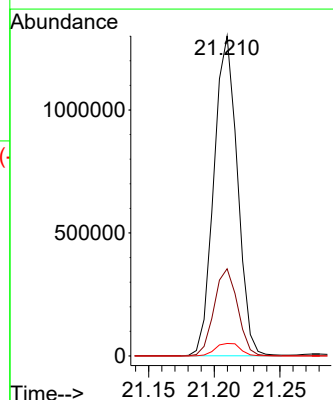
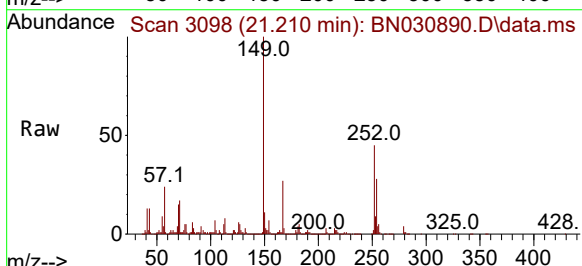
Tgt Ion:149 Resp: 1621648

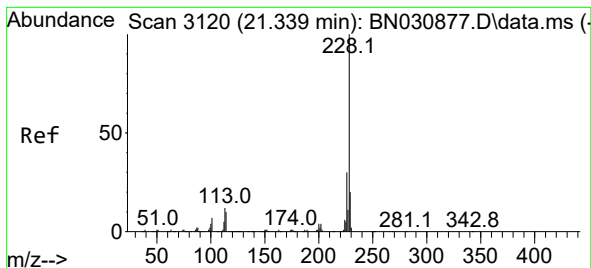
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.0

279 3.9 3.5 5.3





#87

Chrysene

Concen: 39.051 ng/ul

RT: 21.339 min Scan# 3120

Delta R.T. -0.000 min

Lab File: BN030890.D

Acq: 13 Apr 2024 21:21

Instrument :

BNA_N

ClientSampleId :

SLCS193

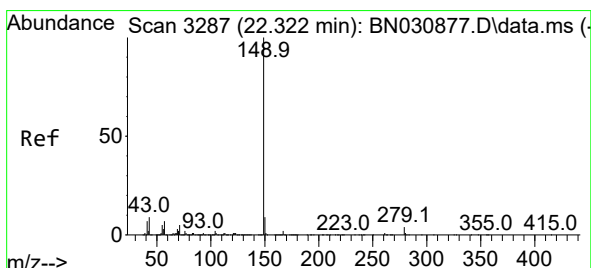
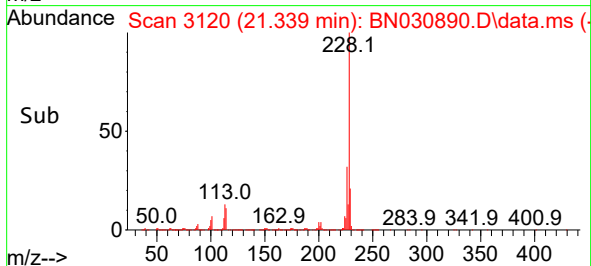
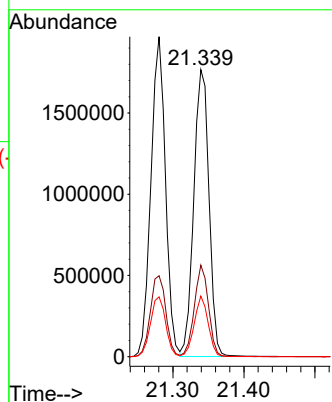
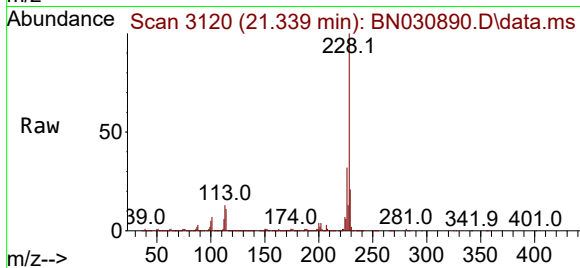
Tgt Ion:228 Resp: 2631564

Ion Ratio Lower Upper

228 100

226 31.9 24.3 36.5

229 21.1 15.9 23.9



#89

Di-n-octyl phthalate

Concen: 39.629 ng/ul

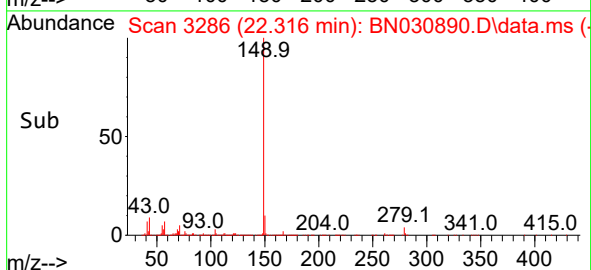
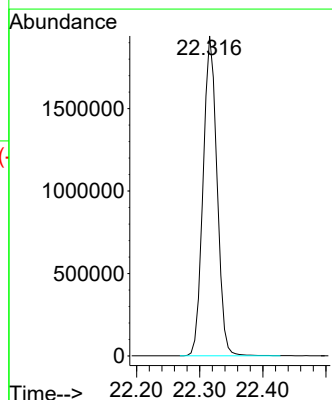
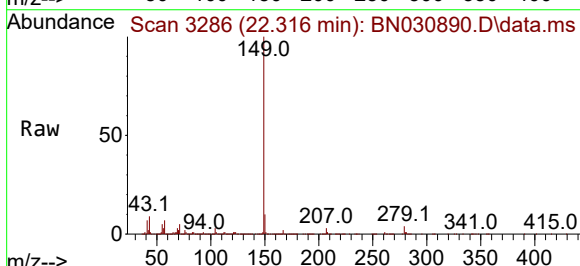
RT: 22.316 min Scan# 3286

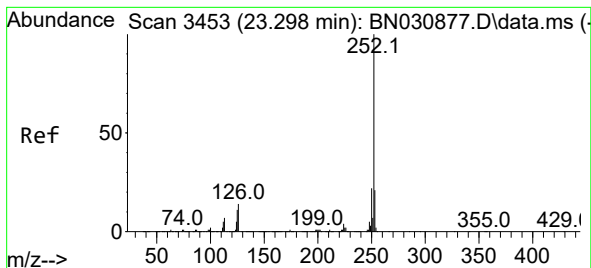
Delta R.T. -0.006 min

Lab File: BN030890.D

Acq: 13 Apr 2024 21:21

Tgt Ion:149 Resp: 2977277





#90

Benzo(b)fluoranthene

Concen: 40.072 ng/ul

RT: 23.298 min Scan# 3453

Delta R.T. -0.000 min

Lab File: BN030890.D

Acq: 13 Apr 2024 21:21

Instrument :

BNA_N

ClientSampleId :

SLCS193

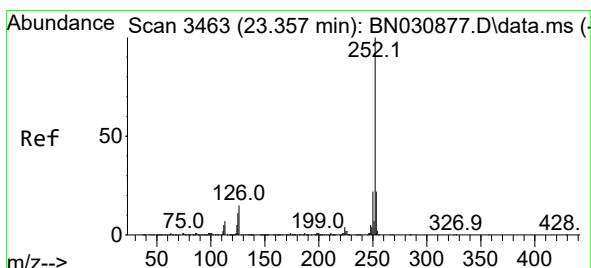
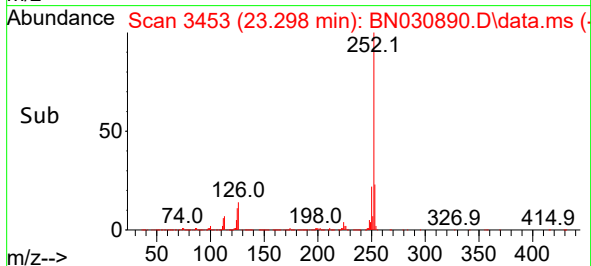
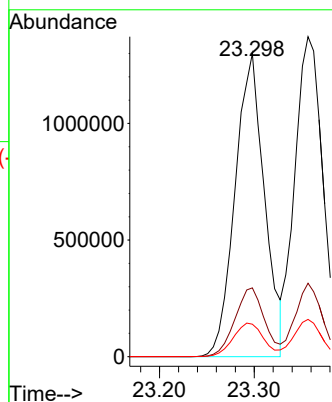
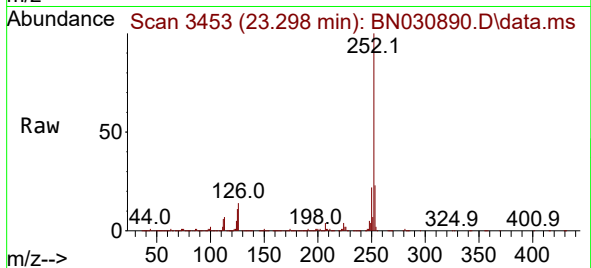
Tgt Ion:252 Resp: 2797745

Ion Ratio Lower Upper

252 100

253 22.7 16.7 25.1

125 10.7 8.5 12.7



#91

Benzo(k)fluoranthene

Concen: 40.072 ng/ul

RT: 23.357 min Scan# 3463

Delta R.T. -0.000 min

Lab File: BN030890.D

Acq: 13 Apr 2024 21:21

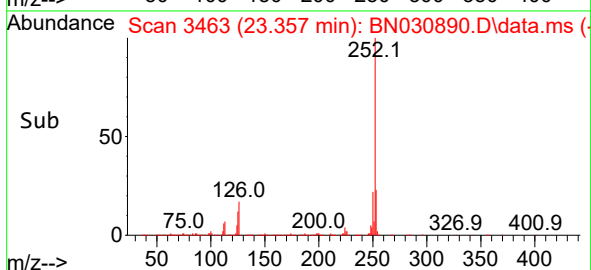
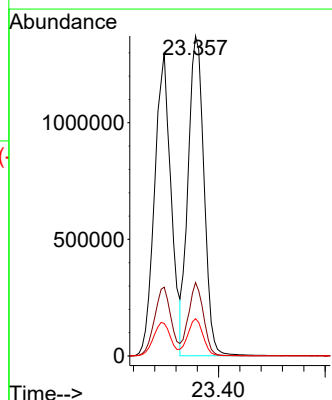
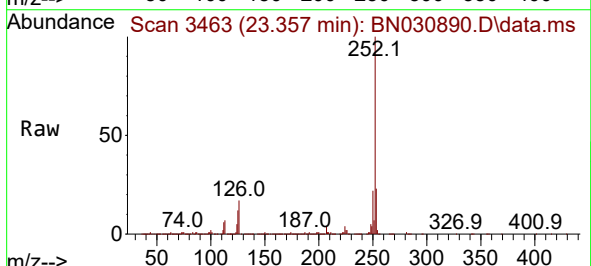
Tgt Ion:252 Resp: 2841309

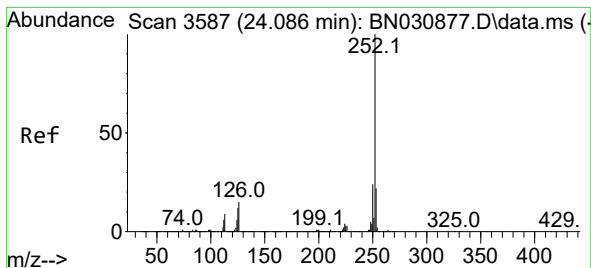
Ion Ratio Lower Upper

252 100

253 22.9 16.9 25.3

125 11.6 8.5 12.7





#93

Benzo(a)pyrene

Concen: 37.277 ng/ul

RT: 24.086 min Scan# 3

Delta R.T. -0.000 min

Lab File: BN030890.D

Acq: 13 Apr 2024 21:21

Instrument :

BNA_N

ClientSampleId :

SLCS193

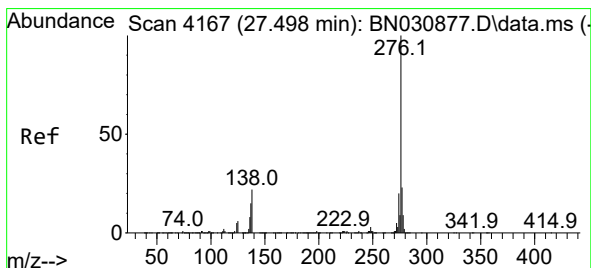
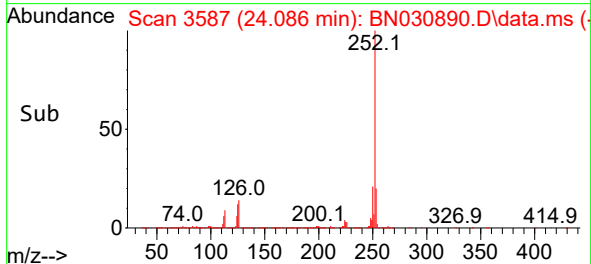
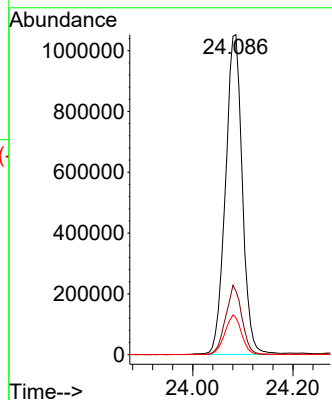
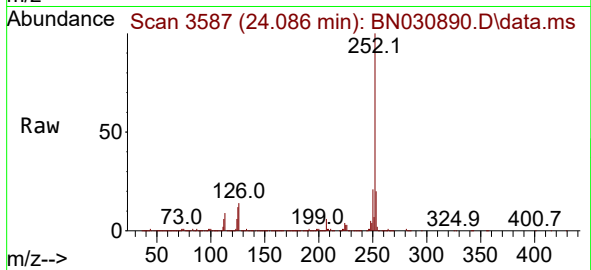
Tgt Ion:252 Resp: 2458560

Ion Ratio Lower Upper

252 100

253 19.9 16.7 25.1

125 11.6 9.6 14.4



#94

Indeno(1,2,3-cd)pyrene

Concen: 41.692 ng/ul

RT: 27.498 min Scan# 4167

Delta R.T. -0.000 min

Lab File: BN030890.D

Acq: 13 Apr 2024 21:21

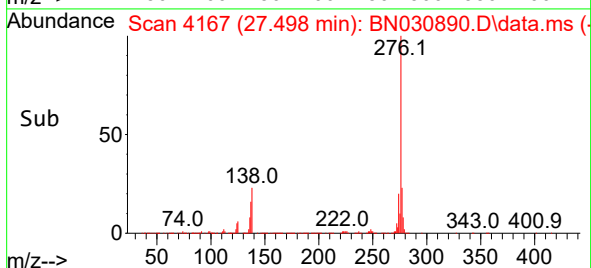
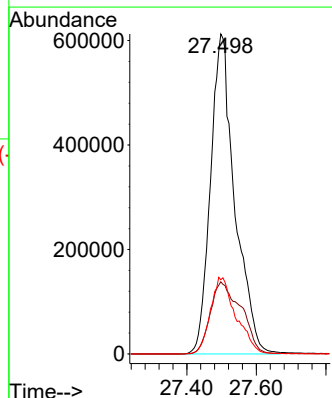
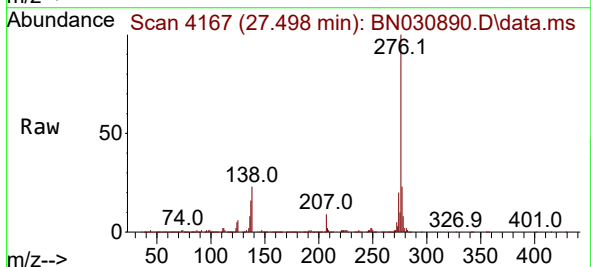
Tgt Ion:276 Resp: 2972388

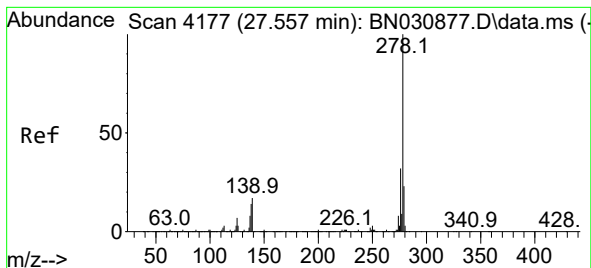
Ion Ratio Lower Upper

276 100

138 22.6 17.8 26.8

277 23.2 18.4 27.6





#95

Dibenzo(a,h)anthracene

Concen: 40.592 ng/ul

RT: 27.557 min Scan# 4177

Delta R.T. -0.000 min

Lab File: BN030890.D

Acq: 13 Apr 2024 21:21

Instrument :

BNA_N

ClientSampleId :

SLCS193

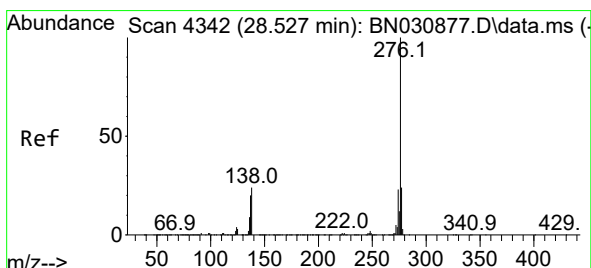
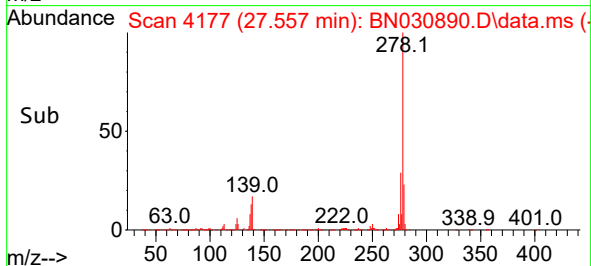
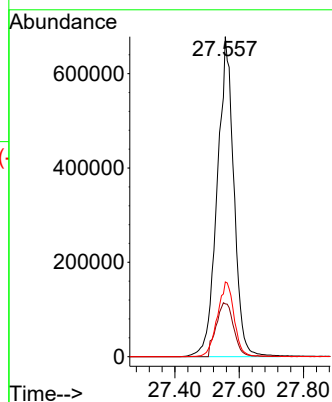
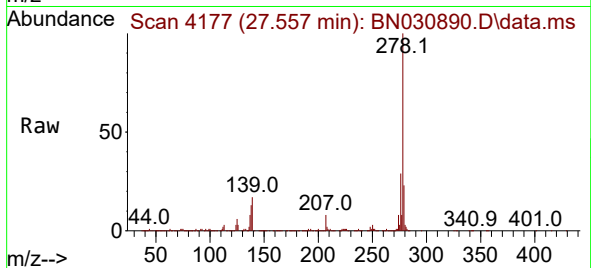
Tgt Ion:278 Resp: 2436284

Ion Ratio Lower Upper

278 100

139 16.5 13.2 19.8

279 23.4 17.4 26.2



#96

Benzo(g,h,i)perylene

Concen: 40.517 ng/ul

RT: 28.521 min Scan# 4341

Delta R.T. -0.006 min

Lab File: BN030890.D

Acq: 13 Apr 2024 21:21

Tgt Ion:276 Resp: 2267738

Ion Ratio Lower Upper

276 100

138 24.2 19.3 28.9

277 21.7 20.1 30.1

