

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041324\
 Data File : BN030921.D
 Acq On : 14 Apr 2024 18:56
 Operator : MA/JU
 Sample : PB160204BS
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS204

Quant Time: Apr 14 22:24:11 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	139215	20.000	ng/u1	0.00
20) Naphthalene-d8	10.445	136	627177	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	436682	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.057	188	994819	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1099771	20.000	ng/u1	0.00
88) Perylene-d12	24.215	264	1175118	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	22620	7.618	ng/uL	0.00
4) Pyridine-d5	3.581	84	295871	33.234	ng/u1	0.00
7) Phenol-d5	6.834	99	389633	34.598	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.004	67	220090	31.641	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	304892	35.688	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	308818	32.719	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	152440	35.038	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	153407	38.544	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	313933	36.029	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	506697	35.323	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	977318	33.521	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	1191879	35.555	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	212733	38.146	ng/u1	0.00
60) Fluorene-d10	15.304	176	911394	35.722	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	149712	34.095	ng/u1	0.00
73) Anthracene-d10	17.157	188	1485329	34.653	ng/u1	0.00
81) Pyrene-d10	19.457	212	1903258	32.189	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.015	264	2024818	37.395	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	34237	10.764	ng/uL	94
5) Pyridine	3.599	79	288529	32.118	ng/u1	97
6) Benzaldehyde	6.816	77	202460	38.604	ng/u1	96
8) Phenol	6.863	94	394403	33.618	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.099	93	292795	30.605	ng/u1	100
12) 2-Chlorophenol	7.228	128	316488	34.534	ng/u1	96
13) 2-Methylphenol	8.104	108	286795	31.723	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.187	45	382762	28.413	ng/u1	98
16) Acetophenone	8.487	105	466014	31.271	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.469	70	220335	29.356	ng/u1	96
18) 4-Methylphenol	8.434	108	325032	32.116	ng/u1	98
19) Hexachloroethane	8.728	117	123812	32.223	ng/u1	96
22) Nitrobenzene	8.863	77	342729	32.270	ng/u1	97
23) Isophorone	9.381	82	632581	29.866	ng/u1	100
25) 2-Nitrophenol	9.569	139	174615	37.330	ng/u1	95
26) 2,4-Dimethylphenol	9.628	107	297245	28.591	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.869	93	409442	30.404	ng/u1	100
29) 2,4-Dichlorophenol	10.093	162	308823	34.724	ng/u1	99
30) Naphthalene	10.493	128	1055547	32.815	ng/u1	100
32) 4-Chloroaniline	10.610	127	459109	33.210	ng/u1	99
33) Hexachlorobutadiene	10.775	225	181958	32.503	ng/u1	95
34) Caprolactam	11.392	113	75896	22.843	ng/u1	93
35) 4-Chloro-3-methylphenol	11.740	107	344649	34.406	ng/u1	99
36) 2-Methylnaphthalene	12.110	142	738256	32.864	ng/u1	97

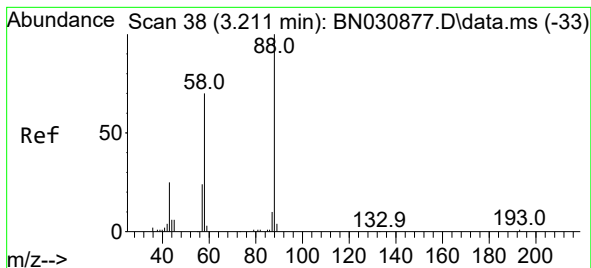
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	753852	33.058	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.481	216	372608	33.064	ng/ul	96
40) Hexachlorocyclopentadiene	12.457	237	136595	21.343	ng/ul	99
41) 2,4,6-Trichlorophenol	12.728	196	242681	34.461	ng/ul	95
42) 2,4,5-Trichlorophenol	12.798	196	275531	34.645	ng/ul	94
43) 1,1'-Biphenyl	13.139	154	979963	32.924	ng/ul	100
44) 2-Chloronaphthalene	13.175	162	768880	32.815	ng/ul	98
45) 2-Nitroaniline	13.392	65	219121	35.141	ng/ul	96
47) Dimethylphthalate	13.769	163	967102	32.111	ng/ul	100
48) 2,6-Dinitrotoluene	13.892	165	189533	33.943	ng/ul	95
50) Acenaphthylene	14.028	152	1295743	33.454	ng/ul	100
51) 3-Nitroaniline	14.222	138	225652	38.073	ng/ul	99
52) Acenaphthene	14.369	153	835645	32.376	ng/ul	99
53) 2,4-Dinitrophenol	14.428	184	83261	32.464	ng/ul	98
55) 4-Nitrophenol	14.534	109	161242	36.494	ng/ul	96
56) Dibenzofuran	14.710	168	1213776	33.830	ng/ul	98
57) 2,4-Dinitrotoluene	14.681	165	301110	36.935	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.933	232	243183	36.818	ng/ul	98
59) Diethylphthalate	15.145	149	999804	32.677	ng/ul	99
61) Fluorene	15.363	166	980085	34.367	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.357	204	460317	32.900	ng/ul	98
63) 4-Nitroaniline	15.392	138	263434	45.719	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.439	198	158804	33.658	ng/ul	99
67) N-Nitrosodiphenylamine	15.575	169	871434	32.165	ng/ul	99
68) 4-Bromophenyl-phenylether	16.251	248	297999	31.546	ng/ul	96
69) Hexachlorobenzene	16.357	284	345173	31.031	ng/ul	98
70) Atrazine	16.533	200	297074	31.636	ng/ul	99
71) Pentachlorophenol	16.704	266	229842	35.045	ng/ul	98
72) Phenanthrene	17.098	178	1718362	33.620	ng/ul	100
74) Anthracene	17.192	178	1721320	33.314	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.098	216	377696	30.904	ng/uL	98
76) Pentachlorobenzene	14.622	250	383584	30.899	ng/uL	95
77) Carbazole	17.469	167	1669892	36.853	ng/ul	99
78) Di-n-butylphthalate	18.033	149	1950568	35.287	ng/ul	100
80) Fluoranthene	19.122	202	2180899	31.028	ng/ul	97
82) Pyrene	19.486	202	2340049	31.523	ng/ul	98
83) Butylbenzylphthalate	20.398	149	984875	34.742	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.210	252	725855	35.919	ng/ul	98
85) Benzo(a)anthracene	21.280	228	2442419	33.277	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.210	149	1359445	32.518	ng/ul	98
87) Chrysene	21.339	228	2352967	33.964	ng/ul	98
89) Di-n-octyl phthalate	22.315	149	2453380	32.968	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	2395109	34.633	ng/ul	96
91) Benzo(k)fluoranthene	23.351	252	2475755	35.250	ng/ul	100
93) Benzo(a)pyrene	24.080	252	2026123	31.014	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.498	276	2589471	36.668	ng/ul	99
95) Dibenzo(a,h)anthracene	27.556	278	2076126	34.922	ng/ul	97
96) Benzo(g,h,i)perylene	28.521	276	1930283	34.817	ng/ul	99

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



#2

1,4-Dioxane

Concen: 10.764 ng/uL

RT: 3.211 min Scan# 38

Delta R.T. -0.000 min

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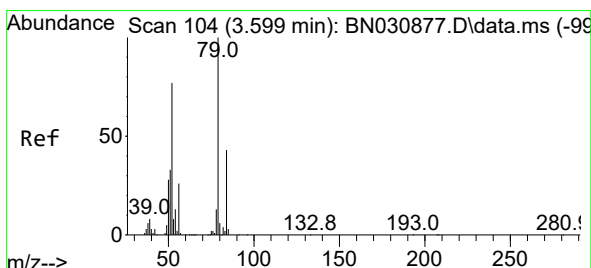
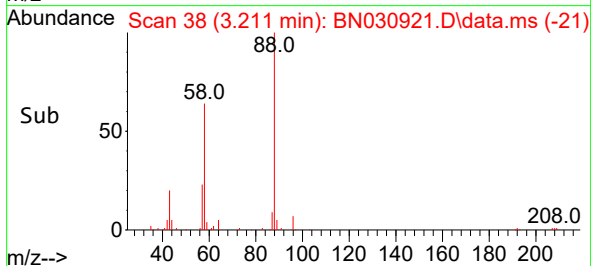
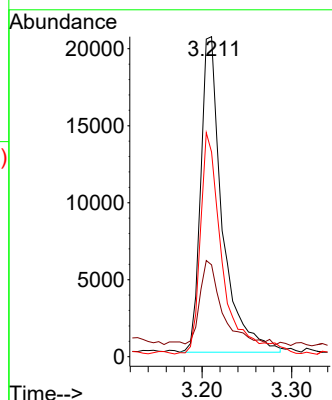
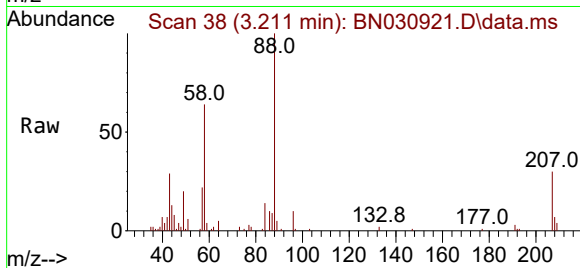
Tgt Ion: 88 Resp: 34237

Ion Ratio Lower Upper

88 100

43 28.7 23.8 35.8

58 64.0 56.6 84.8



#5

Pyridine

Concen: 32.118 ng/uL

RT: 3.599 min Scan# 104

Delta R.T. -0.000 min

Lab File: BN030921.D

Acq: 14 Apr 2024 18:56

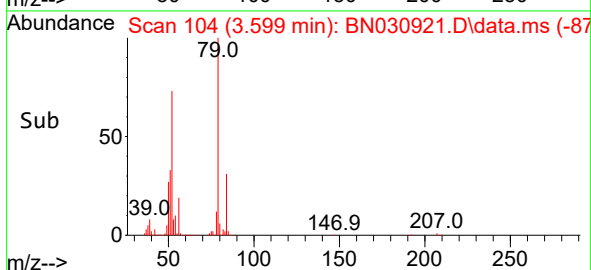
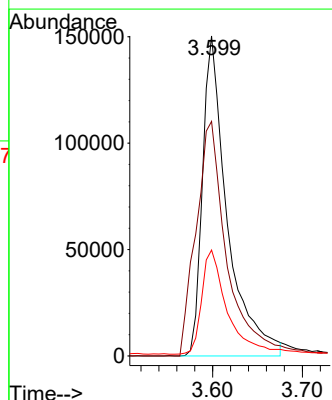
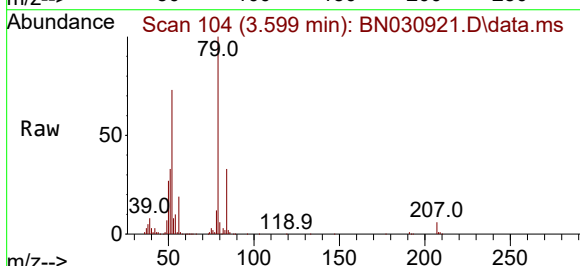
Tgt Ion: 79 Resp: 288529

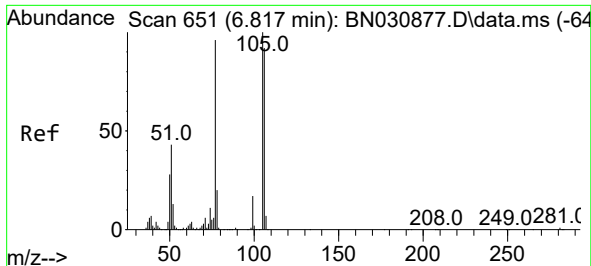
Ion Ratio Lower Upper

79 100

52 73.3 56.2 84.4

51 33.1 27.0 40.4

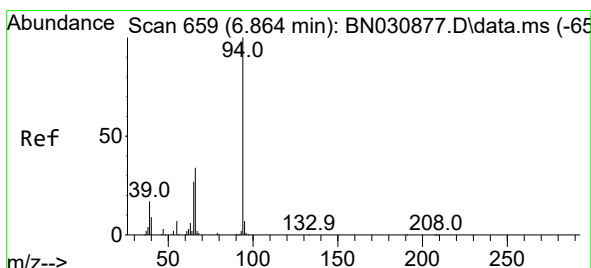
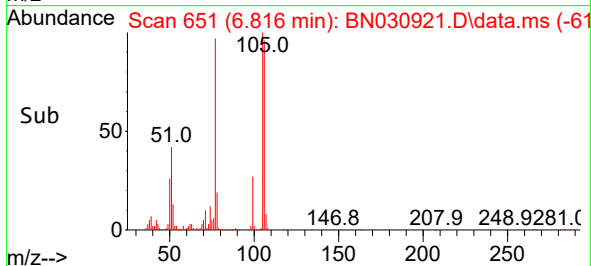
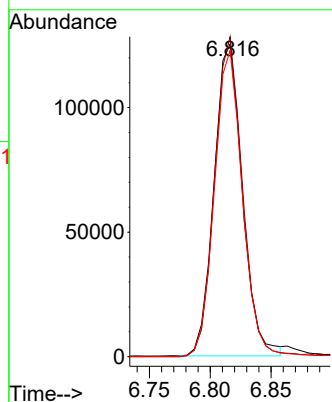
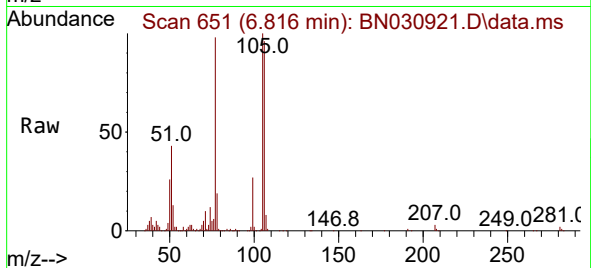




#6
Benzaldehyde
Concen: 38.604 ng/ul
RT: 6.816 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

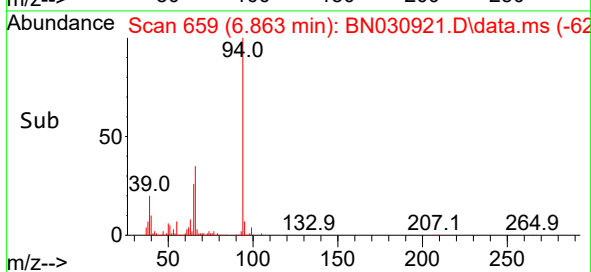
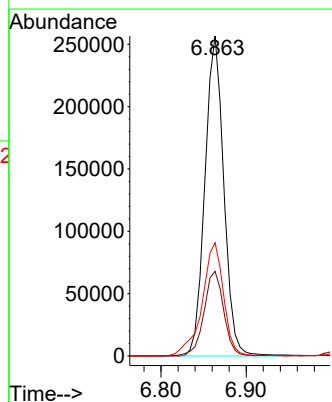
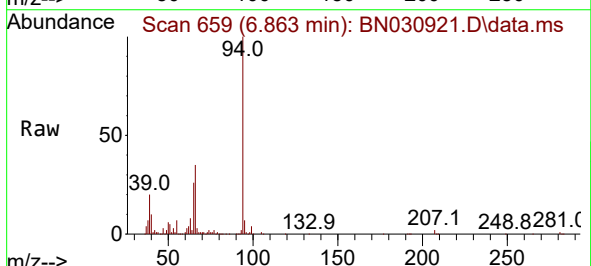
Instrument :
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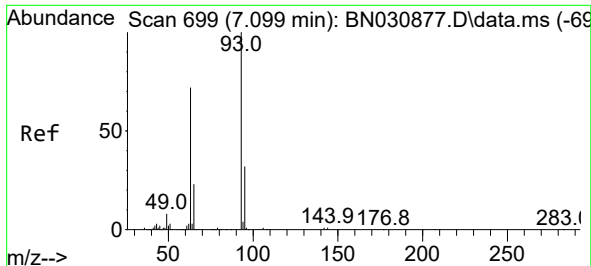
Tgt Ion: 77 Resp: 202460
Ion Ratio Lower Upper
77 100
105 102.4 78.1 117.1
106 98.0 75.6 113.4



#8
Phenol
Concen: 33.618 ng/ul
RT: 6.863 min Scan# 659
Delta R.T. -0.000 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

Tgt Ion: 94 Resp: 394403
Ion Ratio Lower Upper
94 100
65 26.5 21.4 32.0
66 35.4 28.5 42.7

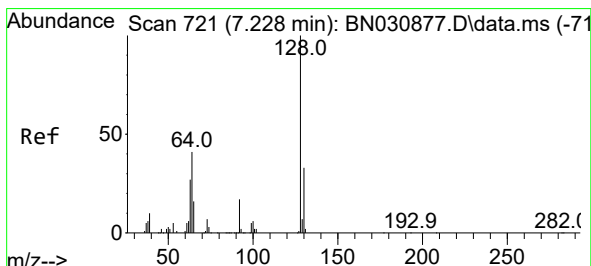
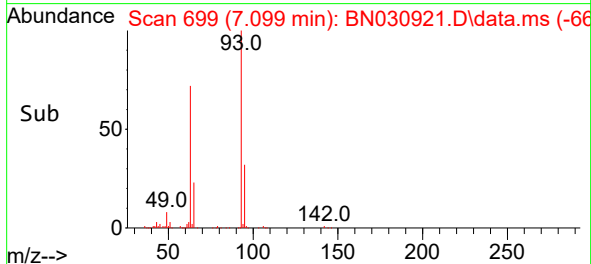
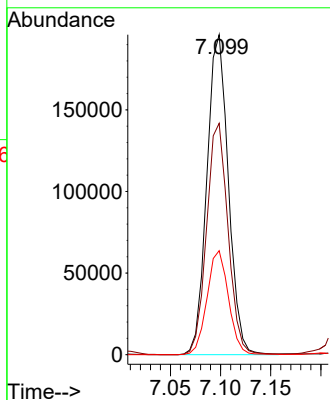
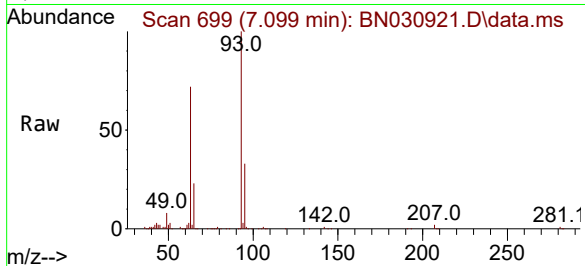




#10
Bis(2-Chloroethyl)ether
Concen: 30.605 ng/ul
RT: 7.099 min Scan# 699
Delta R.T. -0.000 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

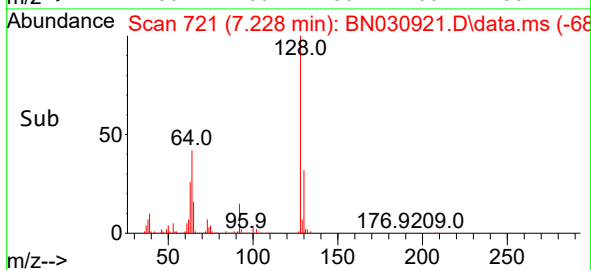
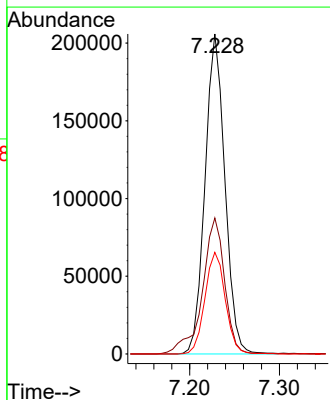
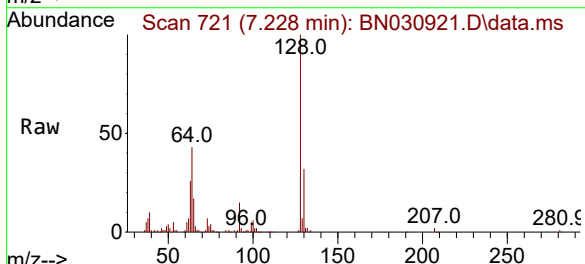
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ClientSampleId :
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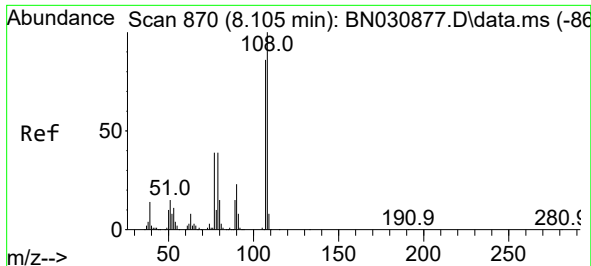
Tgt Ion: 93 Resp: 292795
Ion Ratio Lower Upper
93 100
63 72.3 58.2 87.4
95 32.5 26.0 39.0



#12
2-Chlorophenol
Concen: 34.534 ng/ul
RT: 7.228 min Scan# 721
Delta R.T. -0.000 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

Tgt Ion:128 Resp: 316488
Ion Ratio Lower Upper
128 100
64 42.5 37.0 55.4
130 31.7 26.3 39.5





#13

2-Methylphenol

Concen: 31.723 ng/ul

RT: 8.104 min Scan# 870

Delta R.T. -0.000 min

Lab File: BN030921.D

Acq: 14 Apr 2024 18:56

Instrument :

BNA_N

ClientSampleId :

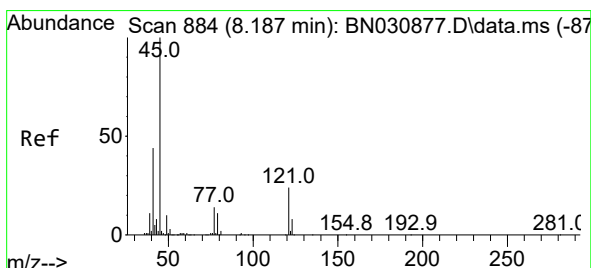
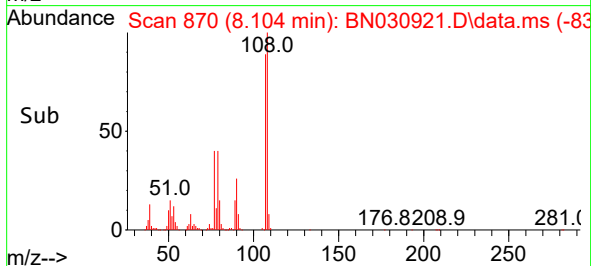
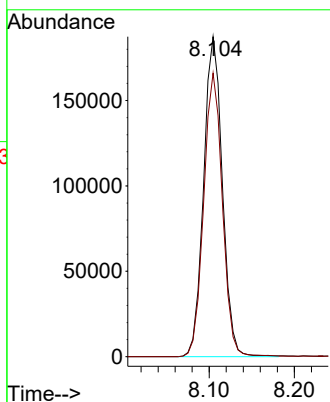
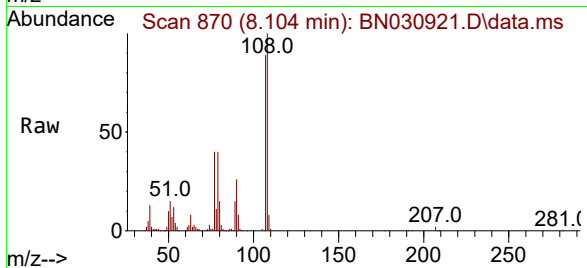
SLCS204

Tgt Ion:108 Resp: 286795

Ion Ratio Lower Upper

108 100

107 88.6 71.8 107.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 28.413 ng/ul

RT: 8.187 min Scan# 884

Delta R.T. -0.000 min

Lab File: BN030921.D

Acq: 14 Apr 2024 18:56

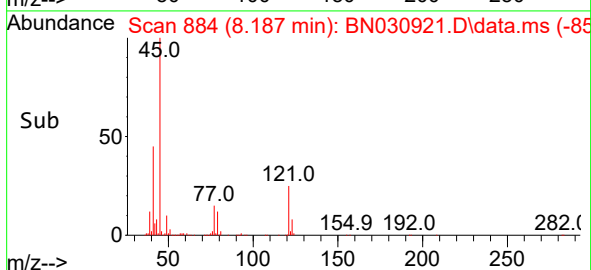
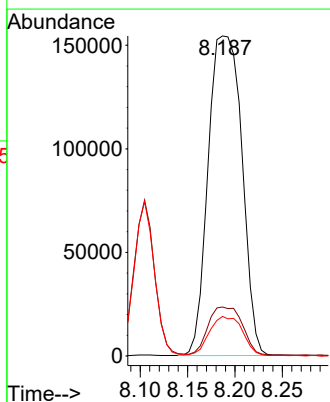
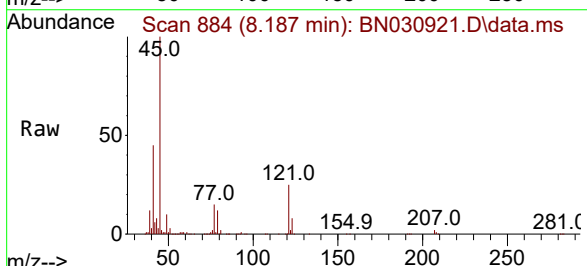
Tgt Ion: 45 Resp: 382762

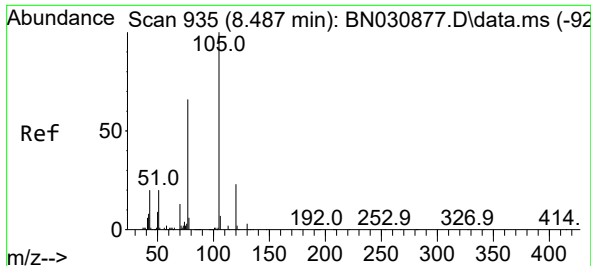
Ion Ratio Lower Upper

45 100

77 15.3 12.1 18.1

79 12.3 8.6 13.0

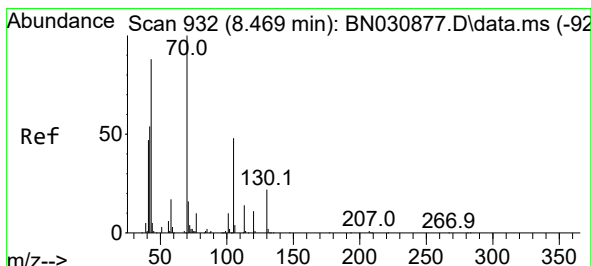
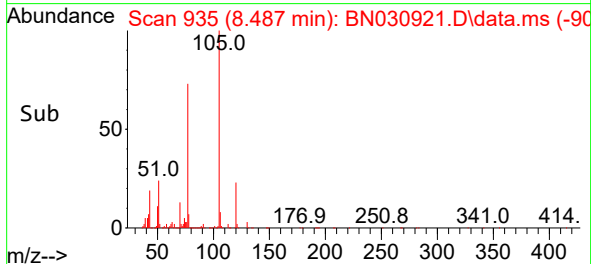
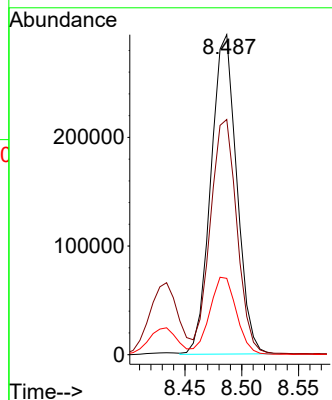
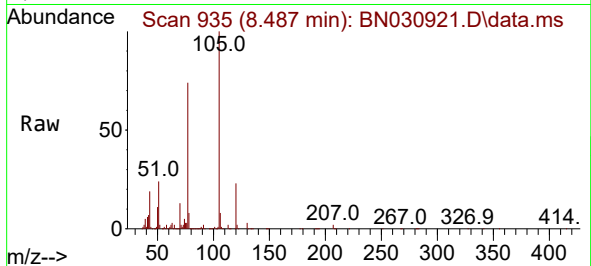




#16
Acetophenone
Concen: 31.271 ng/ul
RT: 8.487 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

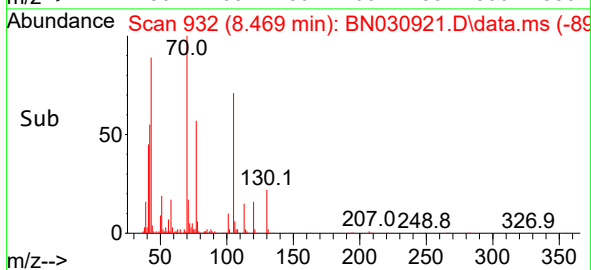
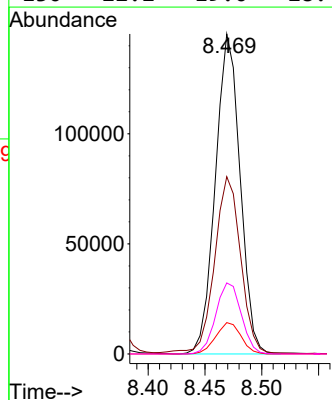
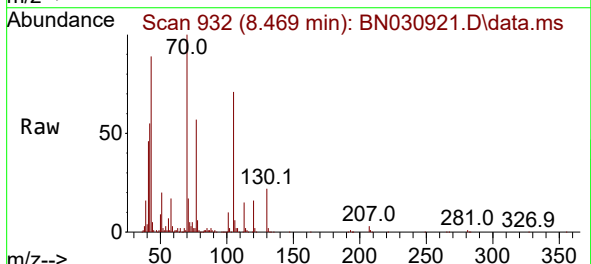
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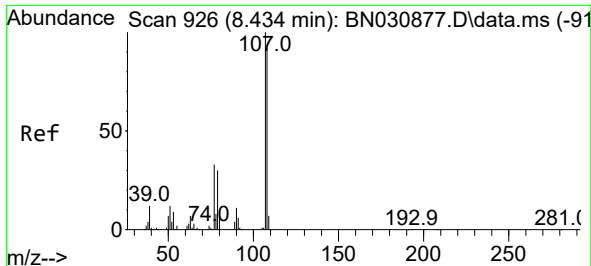
Tgt Ion:105 Resp: 466014
Ion Ratio Lower Upper
105 100
77 73.5 61.2 91.8
51 23.9 21.0 31.4



#17
N-Nitroso-di-n-propylamine
Concen: 29.356 ng/ul
RT: 8.469 min Scan# 932
Delta R.T. -0.000 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

Tgt Ion: 70 Resp: 220335
Ion Ratio Lower Upper
70 100
42 55.4 47.4 71.0
101 9.8 7.9 11.9
130 22.2 19.0 28.4





#18

4-Methylphenol

Concen: 32.116 ng/ul

RT: 8.434 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN030921.D

Acq: 14 Apr 2024 18:56

Instrument :

BNA_N

ClientSampleId :

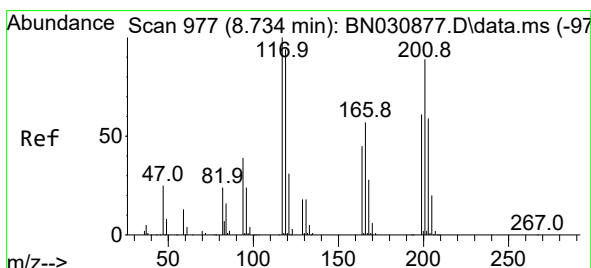
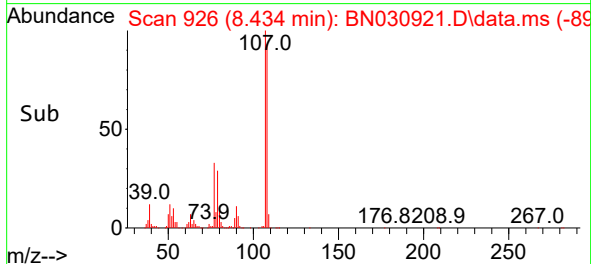
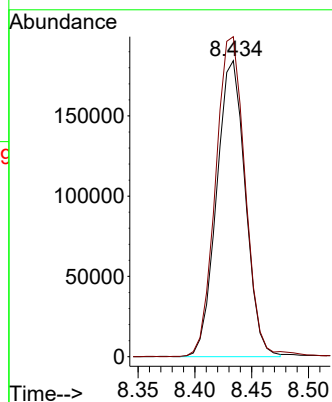
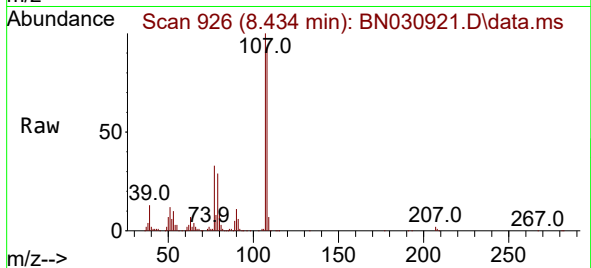
SLCS204

Tgt Ion:108 Resp: 325032

Ion Ratio Lower Upper

108 100

107 108.1 88.1 132.1



#19

Hexachloroethane

Concen: 32.223 ng/ul

RT: 8.728 min Scan# 976

Delta R.T. -0.006 min

Lab File: BN030921.D

Acq: 14 Apr 2024 18:56

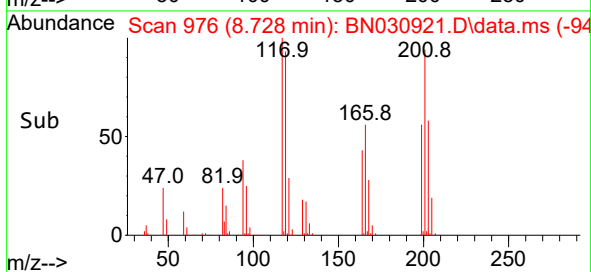
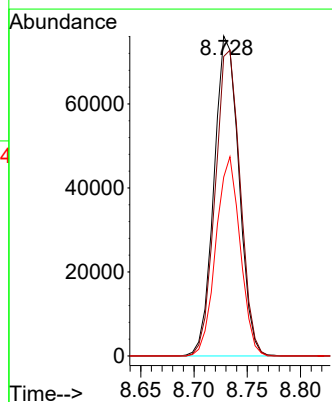
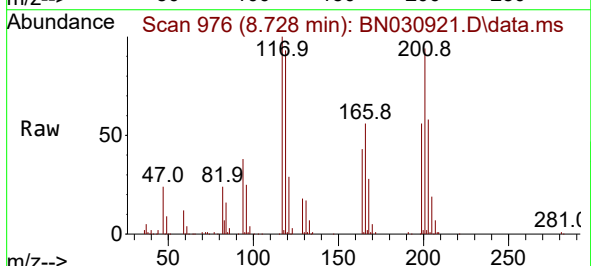
Tgt Ion:117 Resp: 123812

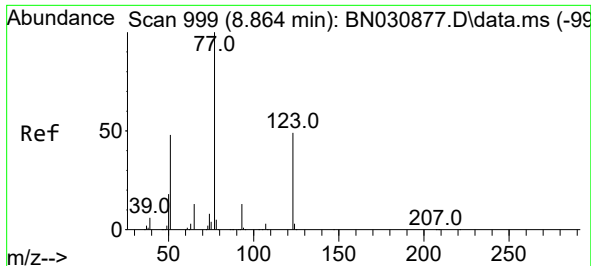
Ion Ratio Lower Upper

117 100

201 93.6 76.5 114.7

199 55.9 48.5 72.7

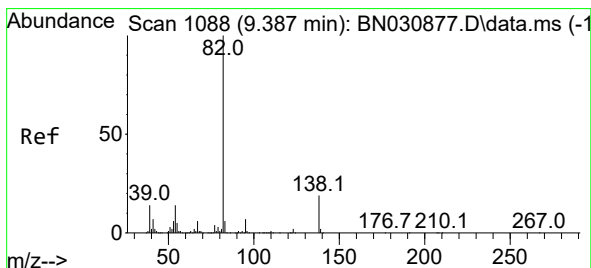
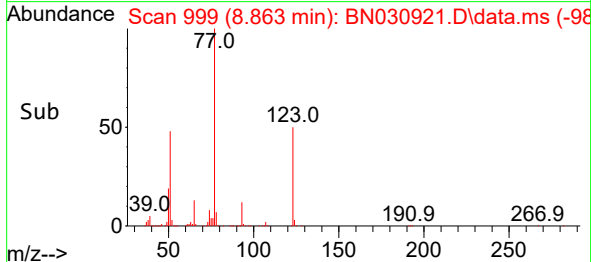
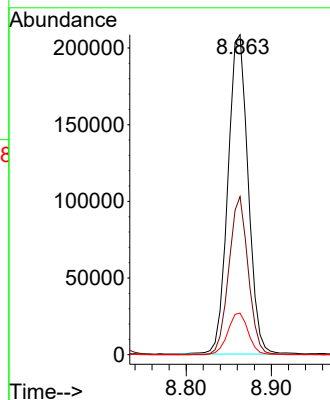
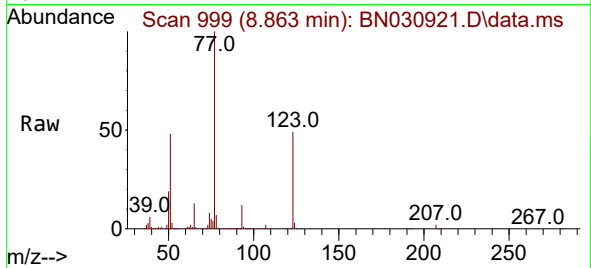




#22
Nitrobenzene
Concen: 32.270 ng/ul
RT: 8.863 min Scan# 999
Delta R.T. -0.000 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

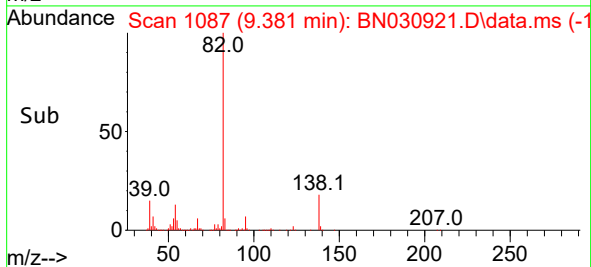
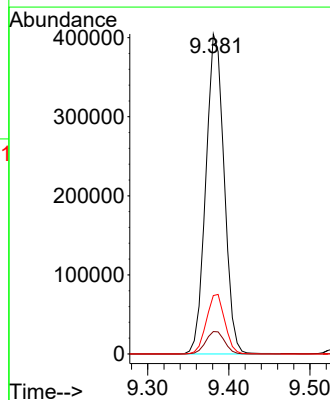
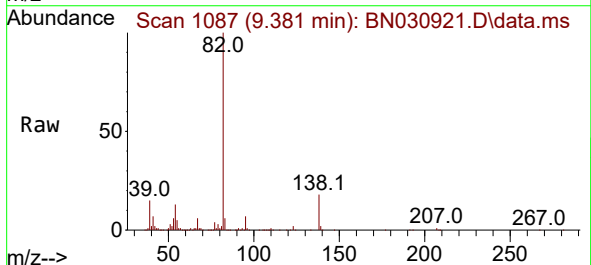
Instrument :
BNA_N
ClientSampleId :
SLCS204

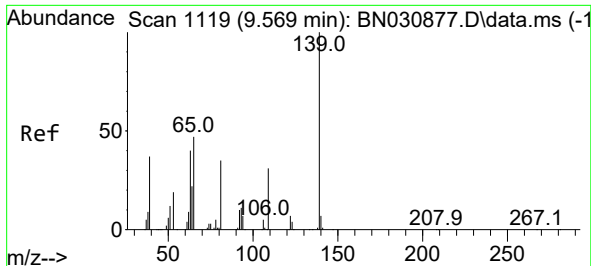
Tgt Ion: 77 Resp: 342729
Ion Ratio Lower Upper
77 100
123 49.4 37.5 56.3
65 13.0 10.6 15.8



#23
Isophorone
Concen: 29.866 ng/ul
RT: 9.381 min Scan# 1087
Delta R.T. -0.006 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

Tgt Ion: 82 Resp: 632581
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 18.3 14.6 21.8

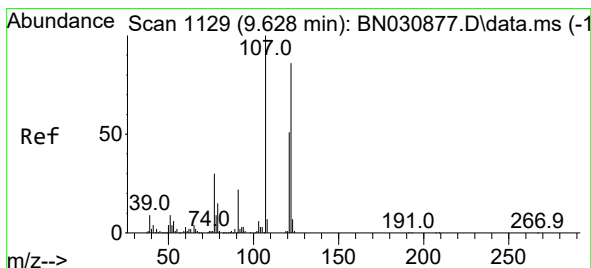
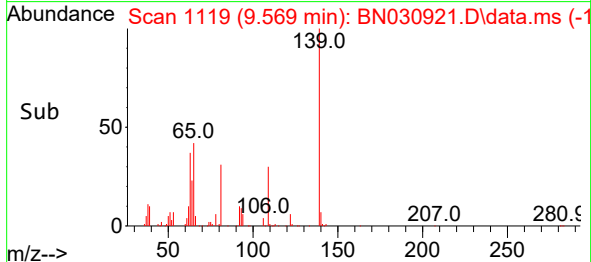
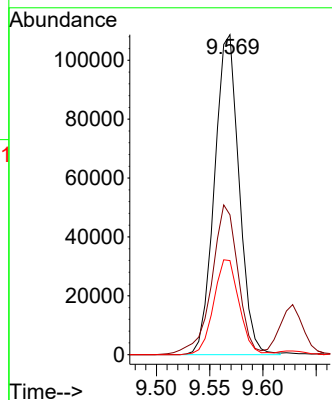
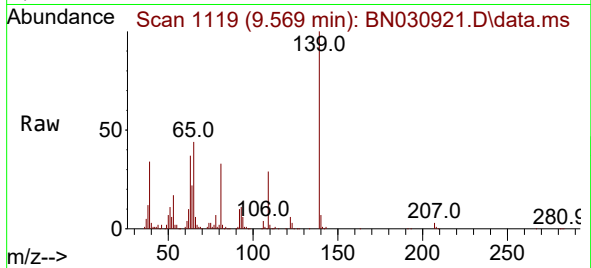




#25
2-Nitrophenol
Concen: 37.330 ng/ul
RT: 9.569 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

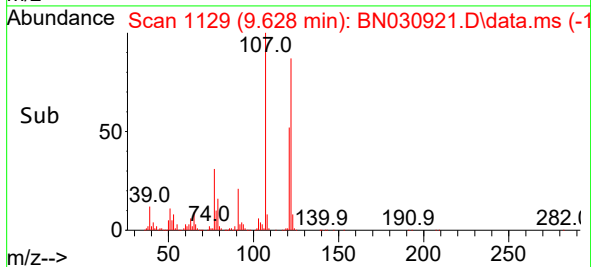
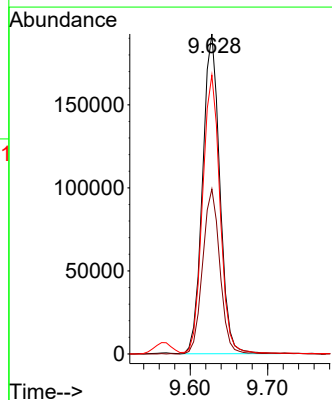
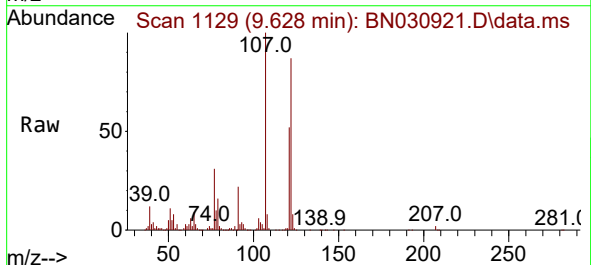
Instrument :
BNA_N
ClientSampleId :
SLCS204

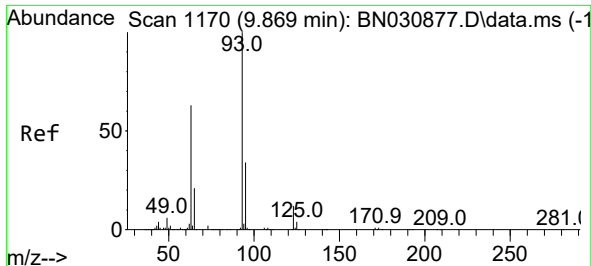
Tgt Ion:139 Resp: 174615
Ion Ratio Lower Upper
139 100
65 43.7 39.5 59.3
109 29.4 23.8 35.8



#26
2,4-Dimethylphenol
Concen: 28.591 ng/ul
RT: 9.628 min Scan# 1129
Delta R.T. -0.000 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

Tgt Ion:107 Resp: 297245
Ion Ratio Lower Upper
107 100
121 51.5 41.6 62.4
122 87.1 71.3 106.9





#27

Bis(2-Chloroethoxy)methane

Concen: 30.404 ng/ul

RT: 9.869 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BN030921.D

Acq: 14 Apr 2024 18:56

Instrument :

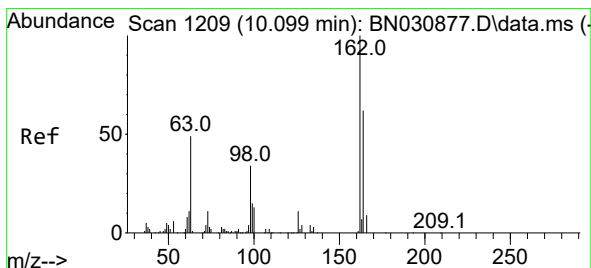
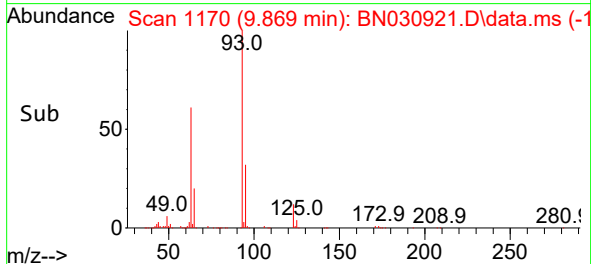
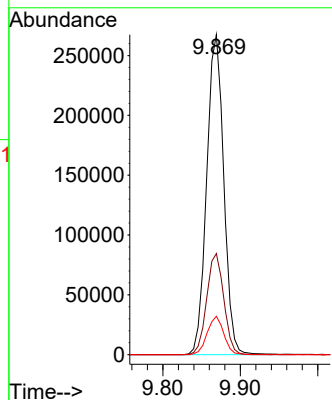
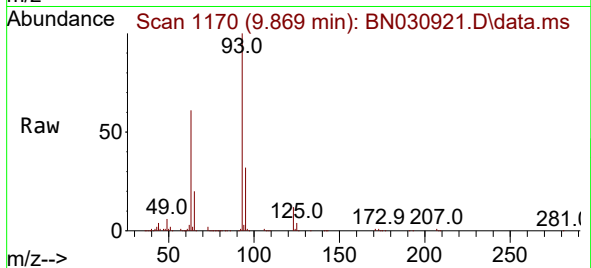
BNA_N

ClientSampleId :

SLCS204

Tgt Ion: 93 Resp: 409442

Ion	Ratio	Lower	Upper
93	100		
95	31.6	25.4	38.0
123	12.0	9.4	14.0



#29

2,4-Dichlorophenol

Concen: 34.724 ng/ul

RT: 10.093 min Scan# 1208

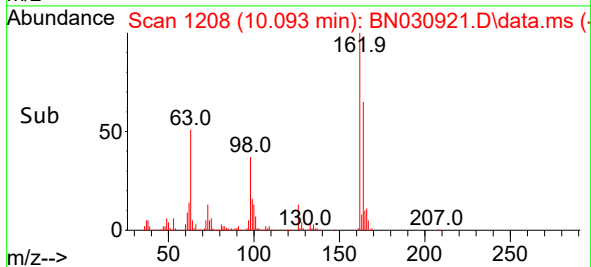
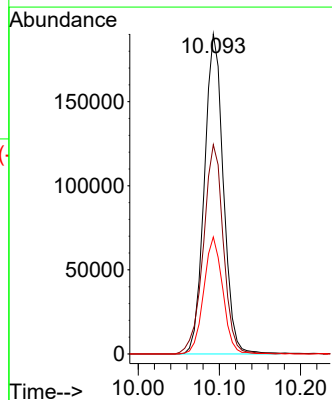
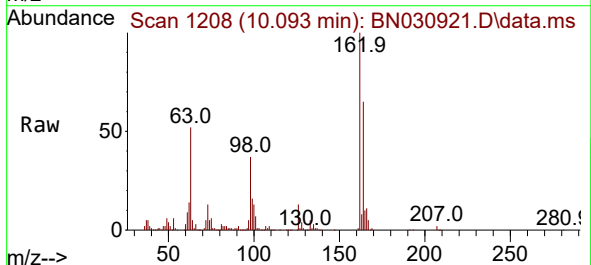
Delta R.T. -0.006 min

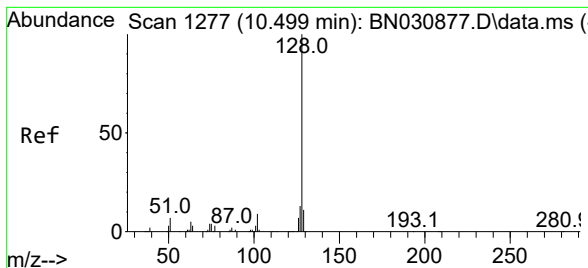
Lab File: BN030921.D

Acq: 14 Apr 2024 18:56

Tgt Ion: 162 Resp: 308823

Ion	Ratio	Lower	Upper
162	100		
164	65.4	51.8	77.8
98	36.5	28.0	42.0

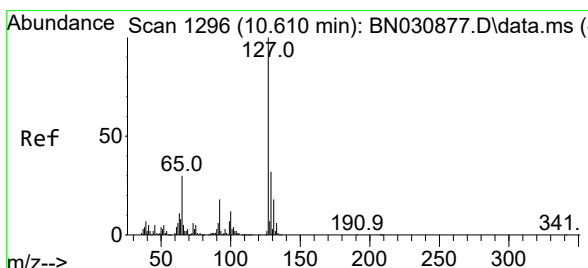
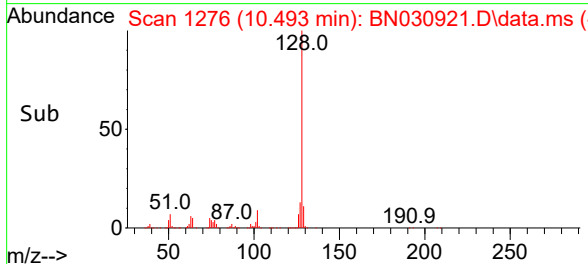
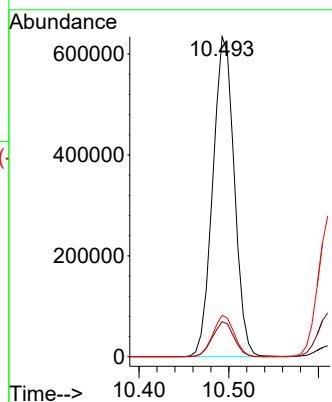
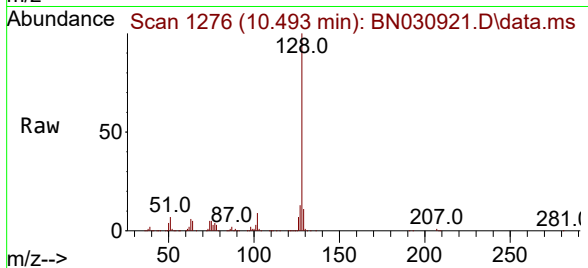




#30
Naphthalene
Concen: 32.815 ng/ul
RT: 10.493 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

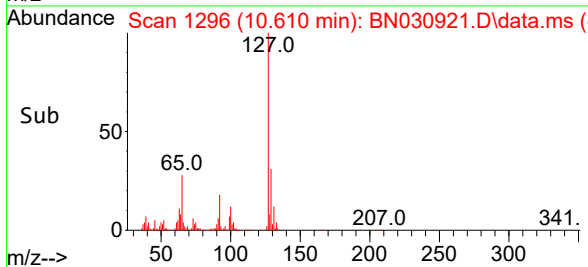
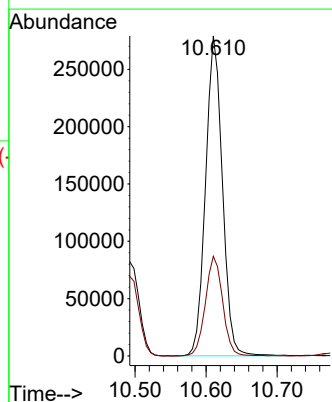
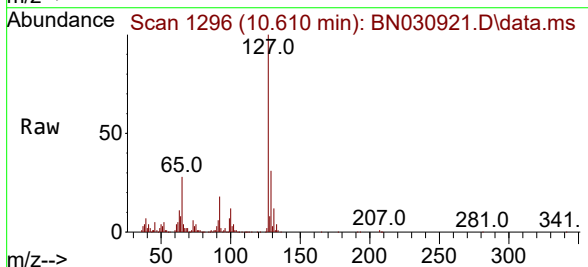
Instrument :
BNA_N
ClientSampleId :
SLCS204

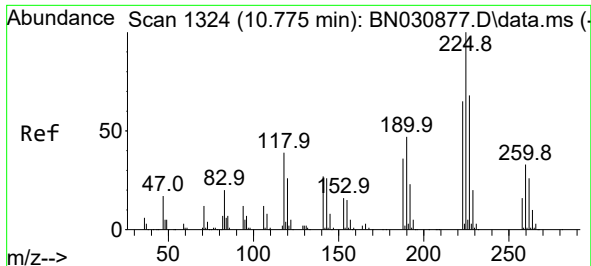
Tgt Ion:128 Resp: 1055547
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.0 10.5 15.7



#32
4-Chloroaniline
Concen: 33.210 ng/ul
RT: 10.610 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

Tgt Ion:127 Resp: 459109
Ion Ratio Lower Upper
127 100
129 31.1 25.3 37.9

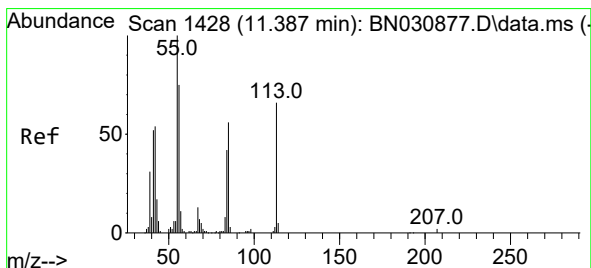
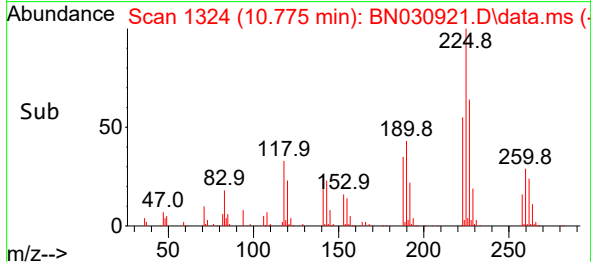
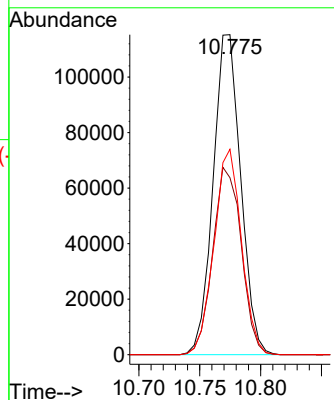
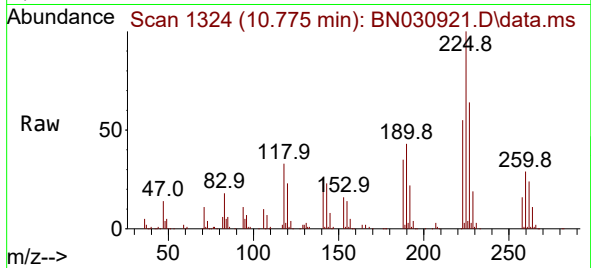




#33
Hexachlorobutadiene
Concen: 32.503 ng/ul
RT: 10.775 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

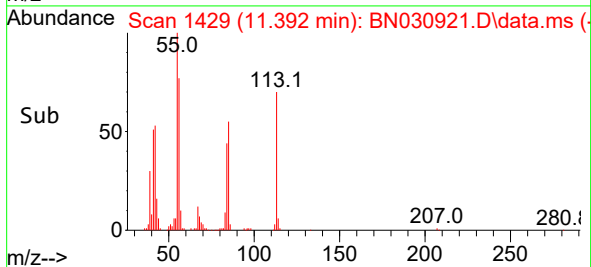
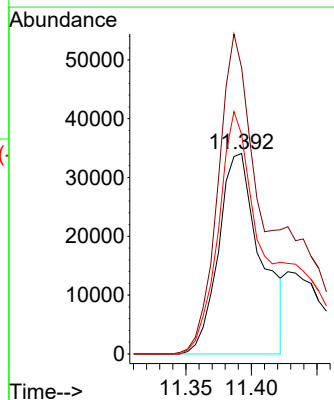
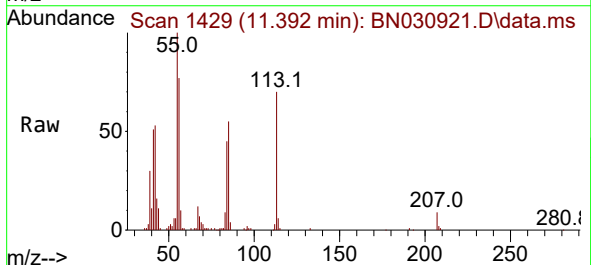
Instrument :
BNA_N
ClientSampleId :
SLCS204

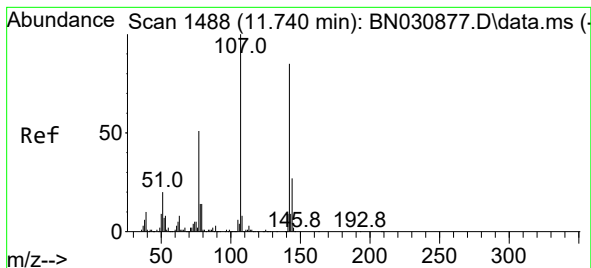
Tgt Ion:225 Resp: 181958
Ion Ratio Lower Upper
225 100
223 55.3 50.9 76.3
227 64.2 51.6 77.4



#34
Caprolactam
Concen: 22.843 ng/ul
RT: 11.392 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

Tgt Ion:113 Resp: 75896
Ion Ratio Lower Upper
113 100
55 142.7 124.7 187.1
56 109.4 90.6 135.8

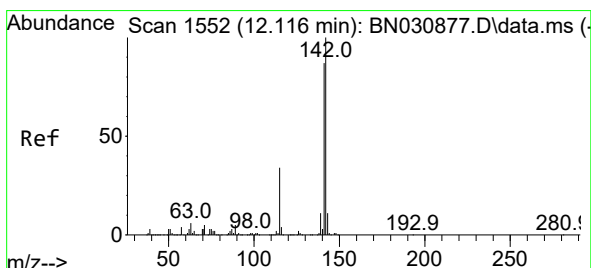
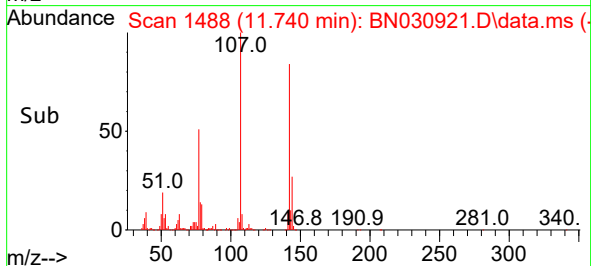
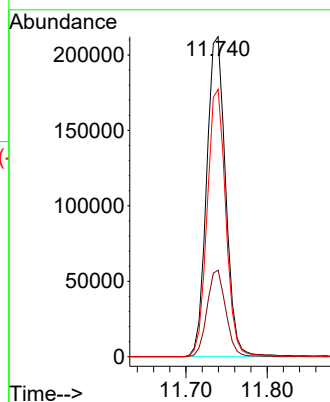
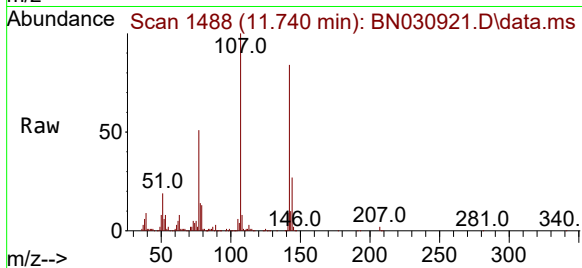




#35
4-Chloro-3-methylphenol
Concen: 34.406 ng/ul
RT: 11.740 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

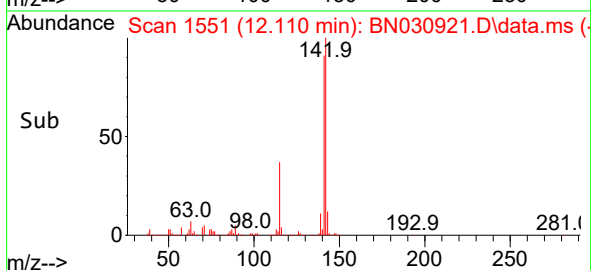
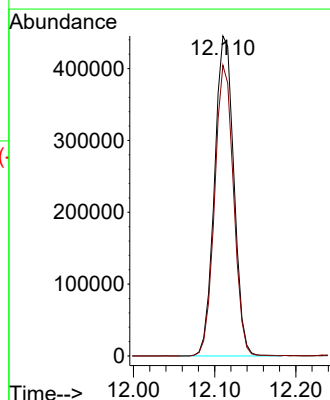
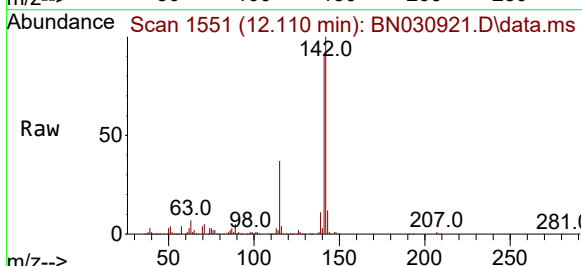
Instrument :
BNA_N
ClientSampleId :
SLCS204

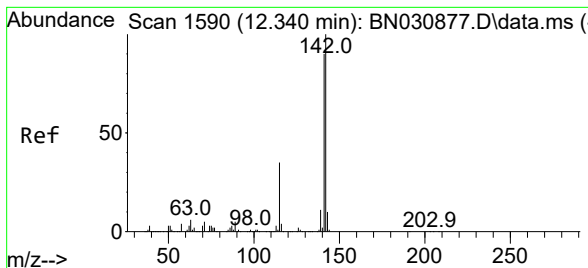
Tgt Ion:107 Resp: 344649
Ion Ratio Lower Upper
107 100
144 27.1 21.4 32.0
142 83.6 65.9 98.9



#36
2-Methylnaphthalene
Concen: 32.864 ng/ul
RT: 12.110 min Scan# 1551
Delta R.T. -0.006 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

Tgt Ion:142 Resp: 738256
Ion Ratio Lower Upper
142 100
141 90.9 70.8 106.2





#37

1-Methylnaphthalene

Concen: 33.058 ng/ul

RT: 12.334 min Scan# 1

Delta R.T. -0.006 min

Lab File: BN030921.D

Acq: 14 Apr 2024 18:56

Instrument :

BNA_N

ClientSampleId :

SLCS204

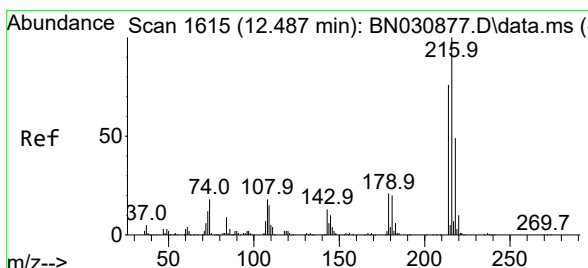
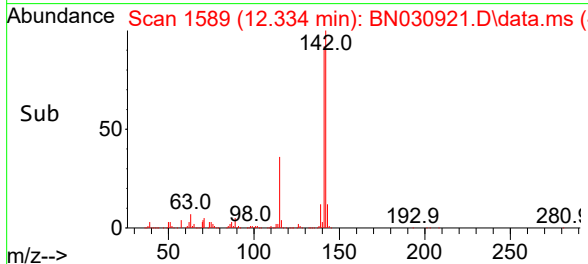
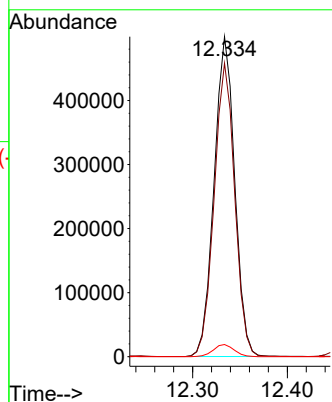
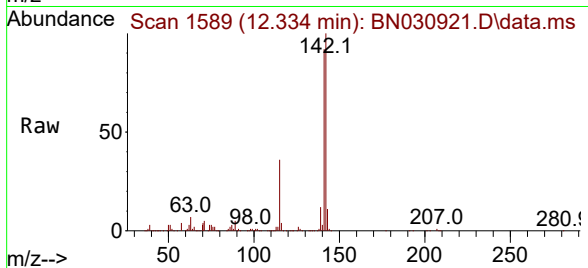
Tgt Ion:142 Resp: 753852

Ion Ratio Lower Upper

142 100

141 91.7 73.0 109.4

116 3.8 2.9 4.3



#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.064 ng/ul

RT: 12.481 min Scan# 1614

Delta R.T. -0.006 min

Lab File: BN030921.D

Acq: 14 Apr 2024 18:56

Tgt Ion:216 Resp: 372608

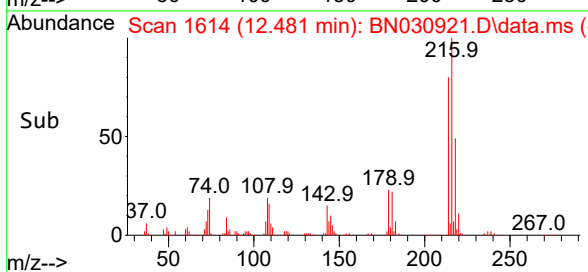
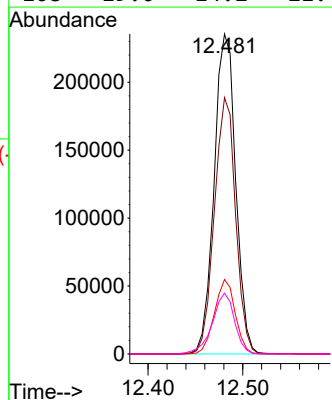
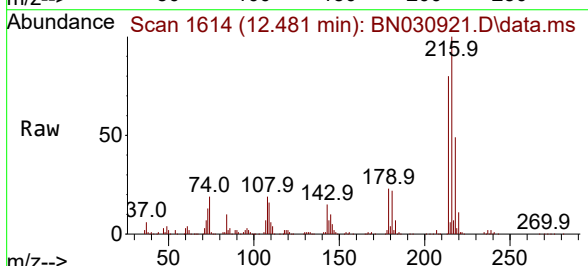
Ion Ratio Lower Upper

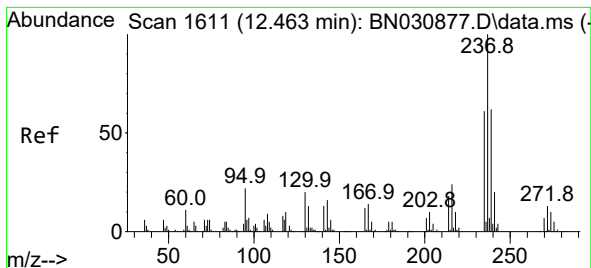
216 100

214 80.1 60.9 91.3

179 23.3 17.4 26.0

108 19.0 14.2 21.4





#40

Hexachlorocyclopentadiene

Concen: 21.343 ng/ul

RT: 12.457 min Scan# 1610

Delta R.T. -0.006 min

Lab File: BN030921.D

Acq: 14 Apr 2024 18:56

Instrument :

BNA_N

ClientSampleId :

SLCS204

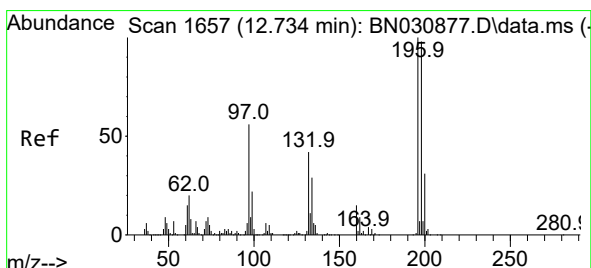
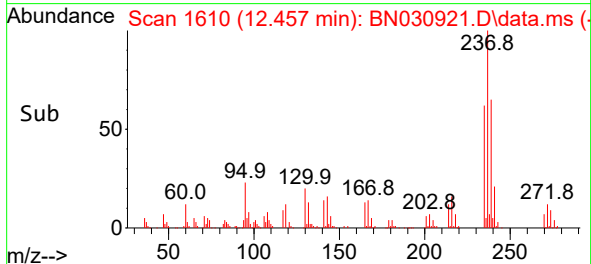
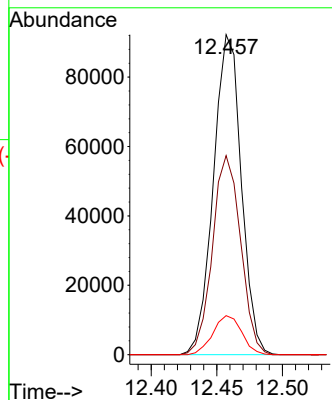
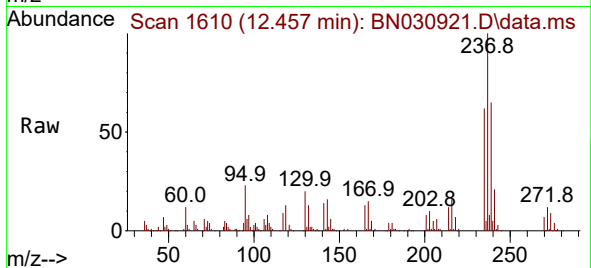
Tgt Ion:237 Resp: 136595

Ion Ratio Lower Upper

237 100

235 62.2 50.6 76.0

272 12.2 10.2 15.4



#41

2,4,6-Trichlorophenol

Concen: 34.461 ng/ul

RT: 12.728 min Scan# 1656

Delta R.T. -0.006 min

Lab File: BN030921.D

Acq: 14 Apr 2024 18:56

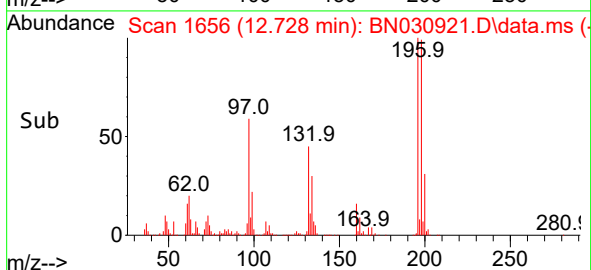
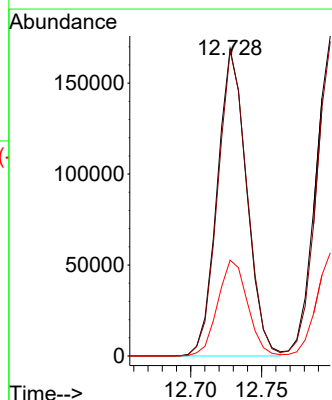
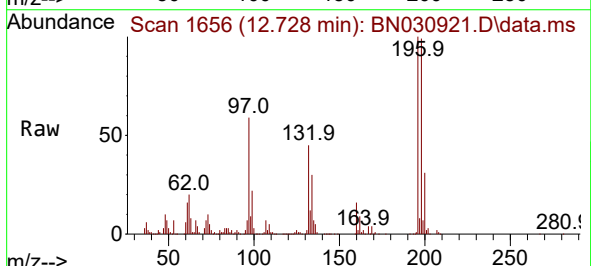
Tgt Ion:196 Resp: 242681

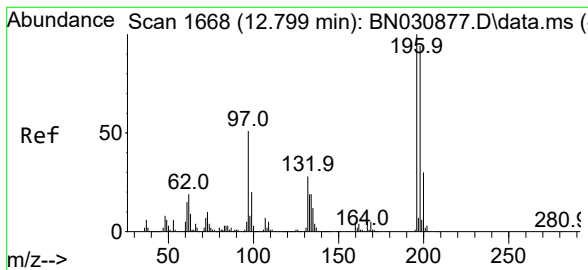
Ion Ratio Lower Upper

196 100

198 99.4 74.6 111.8

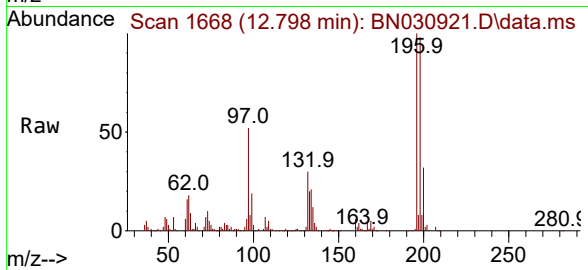
200 31.2 24.8 37.2



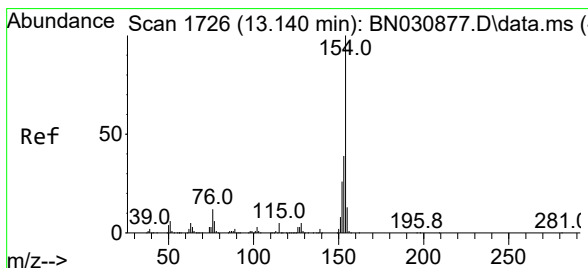
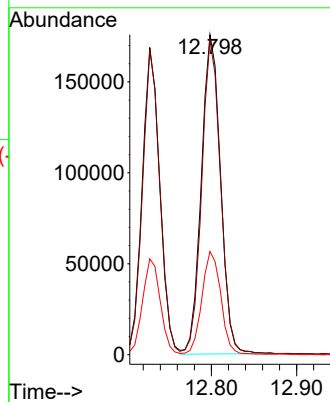
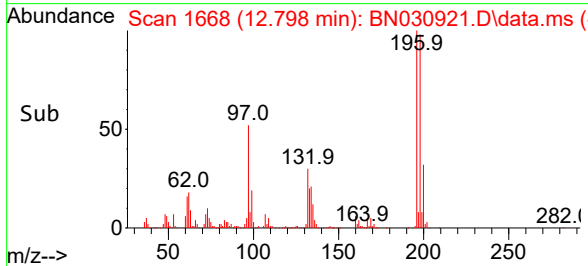


#42
2,4,5-Trichlorophenol
Concen: 34.645 ng/ul
RT: 12.798 min Scan# 1668
Delta R.T. -0.000 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

Instrument :
BNA_N
ClientSampleId :
SLCS204

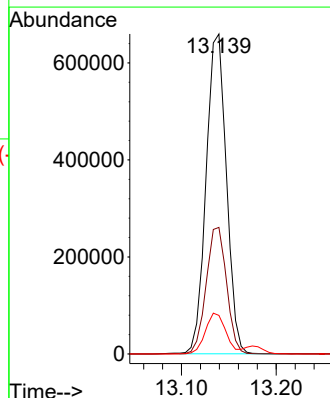
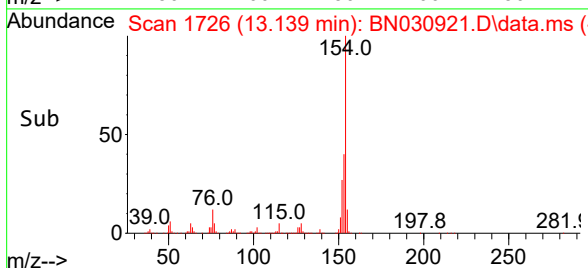
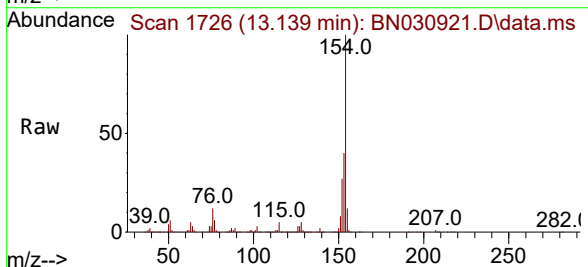


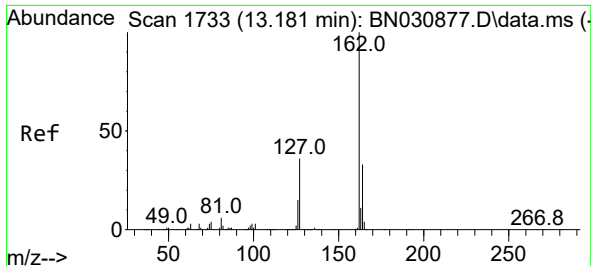
Tgt Ion:196 Resp: 275531
Ion Ratio Lower Upper
196 100
198 98.3 73.0 109.6
200 32.3 25.2 37.8



#43
1,1'-Biphenyl
Concen: 32.924 ng/ul
RT: 13.139 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

Tgt Ion:154 Resp: 979963
Ion Ratio Lower Upper
154 100
153 39.5 31.5 47.3
76 12.1 9.8 14.6

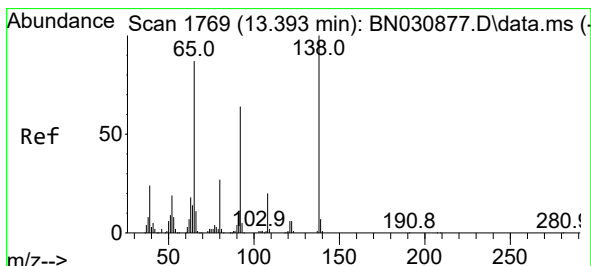
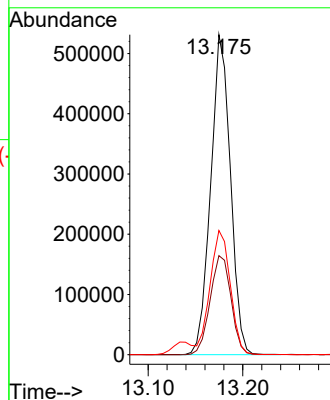
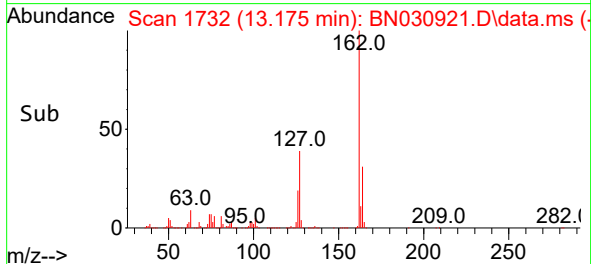
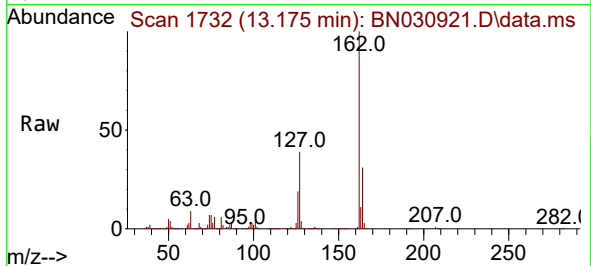




#44
2-Chloronaphthalene
Concen: 32.815 ng/ul
RT: 13.175 min Scan# 1732
Delta R.T. -0.006 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

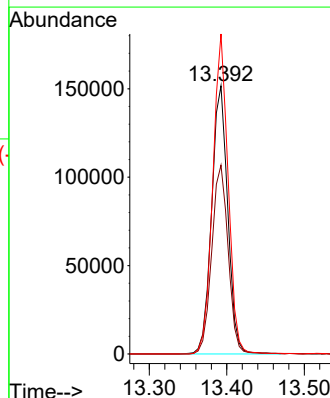
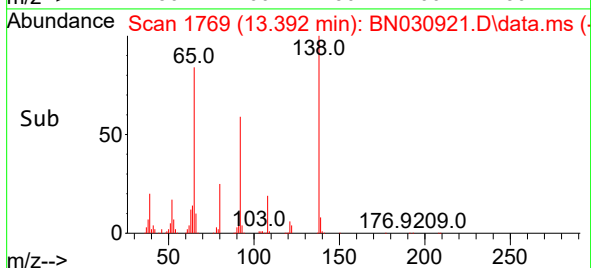
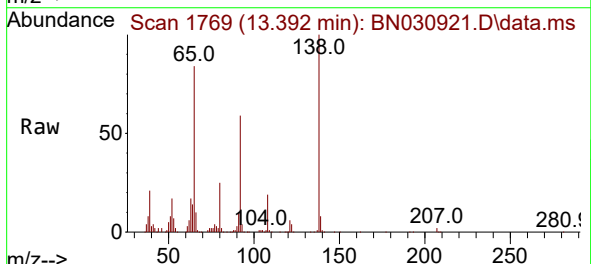
Instrument :
BNA_N
ClientSampleId :
SLCS204

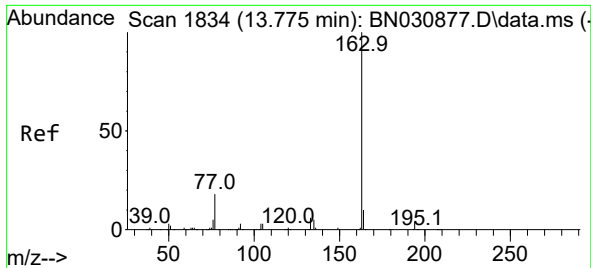
Tgt Ion:162 Resp: 768880
Ion Ratio Lower Upper
162 100
164 31.0 25.7 38.5
127 38.8 32.2 48.2



#45
2-Nitroaniline
Concen: 35.141 ng/ul
RT: 13.392 min Scan# 1769
Delta R.T. -0.000 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

Tgt Ion: 65 Resp: 219121
Ion Ratio Lower Upper
65 100
92 70.4 57.7 86.5
138 119.3 90.6 135.8

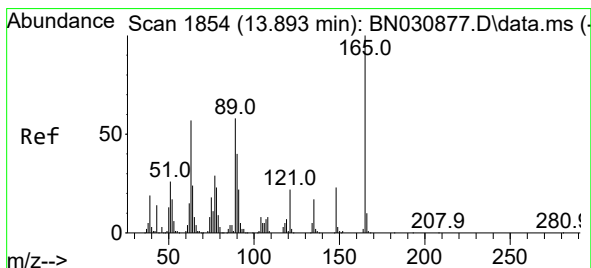
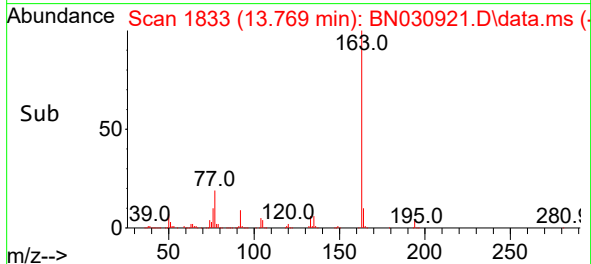
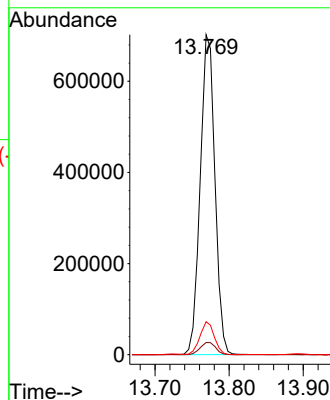
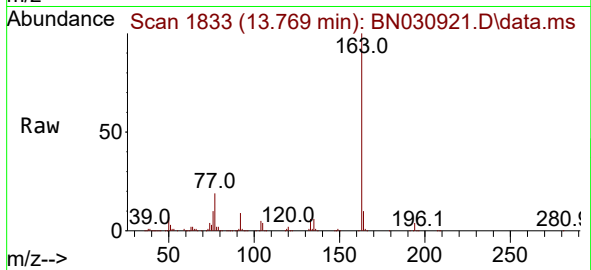




#47
Dimethylphthalate
Concen: 32.111 ng/ul
RT: 13.769 min Scan# 1833
Delta R.T. -0.006 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

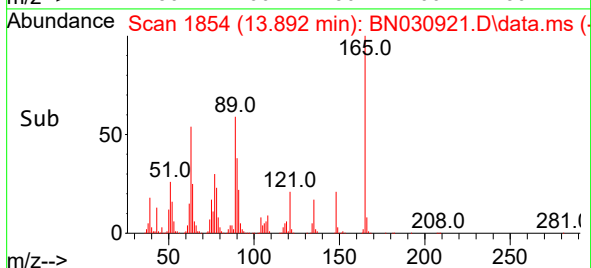
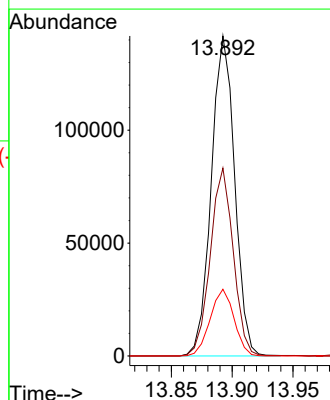
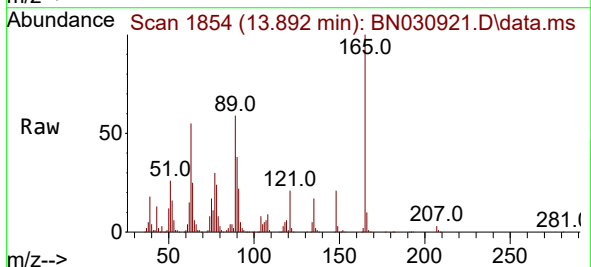
Instrument :
BNA_N
ClientSampleId :
SLCS204

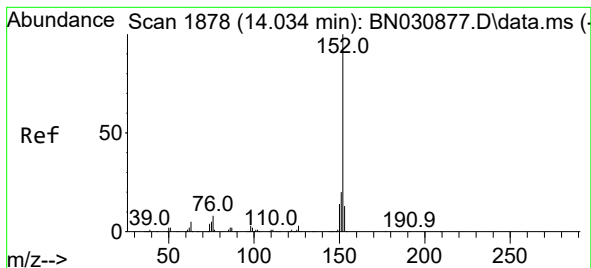
Tgt Ion:163 Resp: 967102
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.3 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 33.943 ng/ul
RT: 13.892 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

Tgt Ion:165 Resp: 189533
Ion Ratio Lower Upper
165 100
89 58.7 43.5 65.3
121 20.8 15.7 23.5





#50

Acenaphthylene

Concen: 33.454 ng/ul

RT: 14.028 min Scan# 1877

Delta R.T. -0.006 min

Lab File: BN030921.D

Acq: 14 Apr 2024 18:56

Instrument :

BNA_N

ClientSampleId :

SLCS204

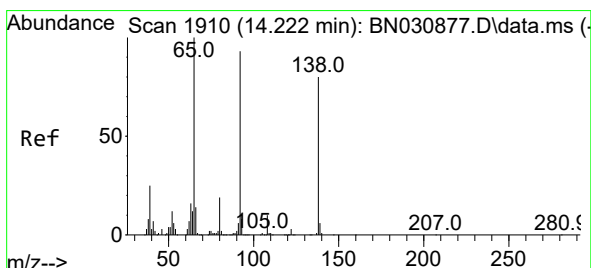
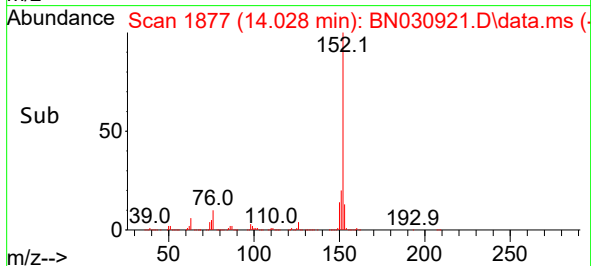
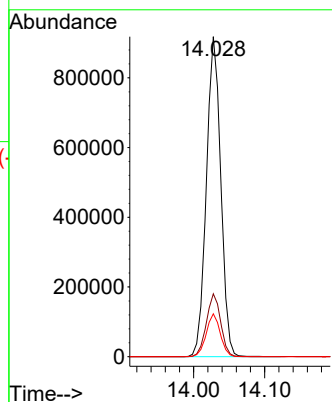
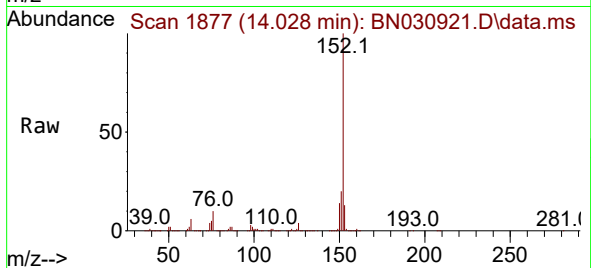
Tgt Ion:152 Resp: 1295743

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.8

153 13.4 10.7 16.1



#51

3-Nitroaniline

Concen: 38.073 ng/ul

RT: 14.222 min Scan# 1910

Delta R.T. -0.000 min

Lab File: BN030921.D

Acq: 14 Apr 2024 18:56

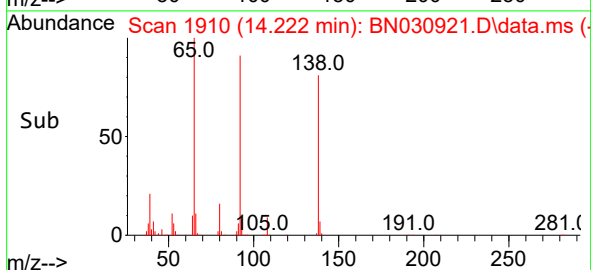
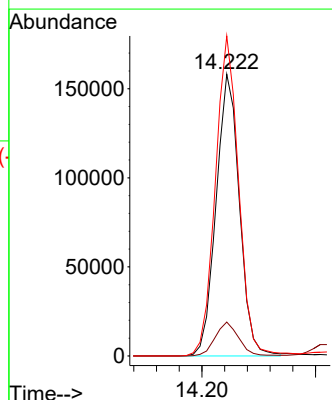
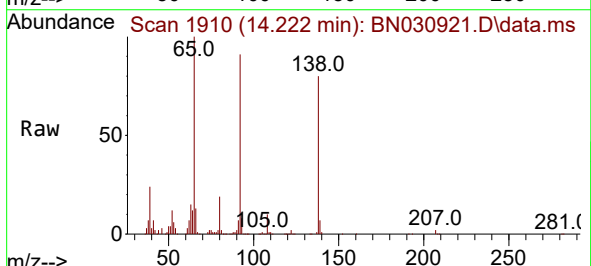
Tgt Ion:138 Resp: 225652

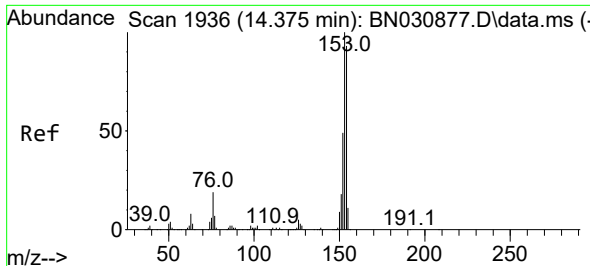
Ion Ratio Lower Upper

138 100

108 12.0 9.6 14.4

92 113.6 89.6 134.4

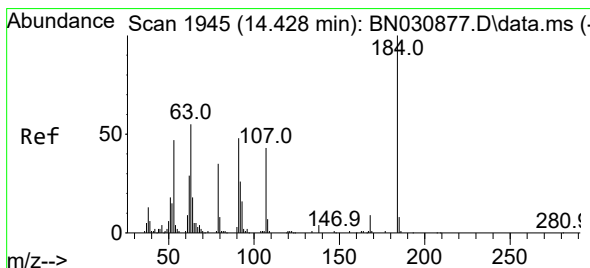
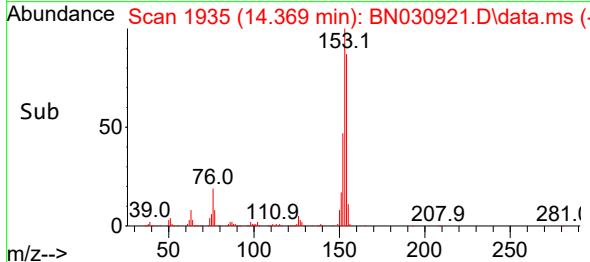
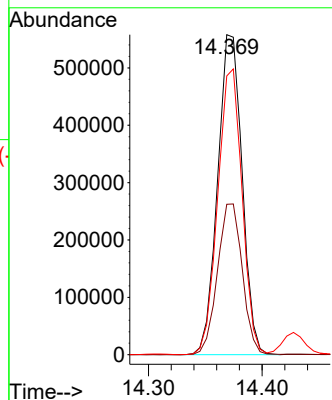
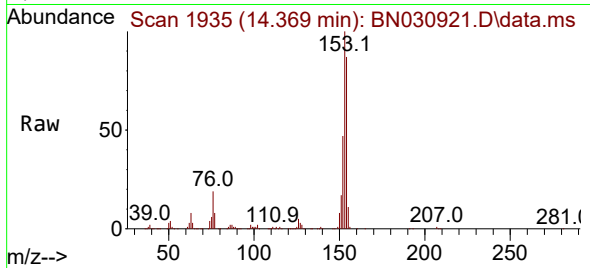




#52
Acenaphthene
Concen: 32.376 ng/ul
RT: 14.369 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

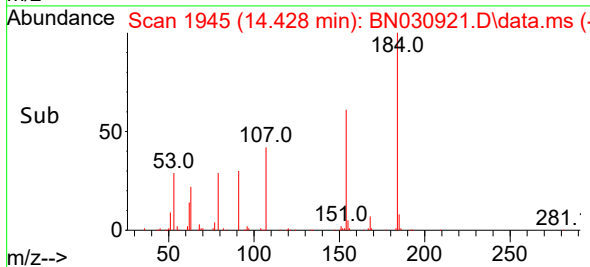
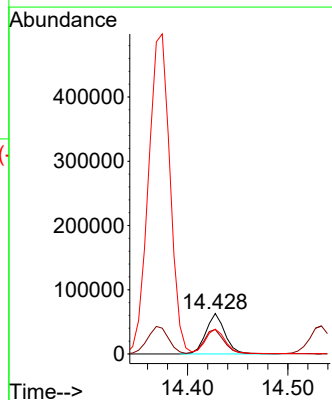
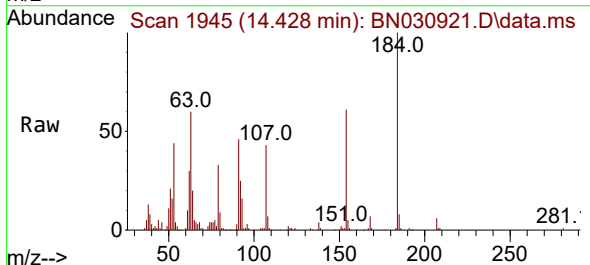
Instrument :
BNA_N
ClientSampleId :
SLCS204

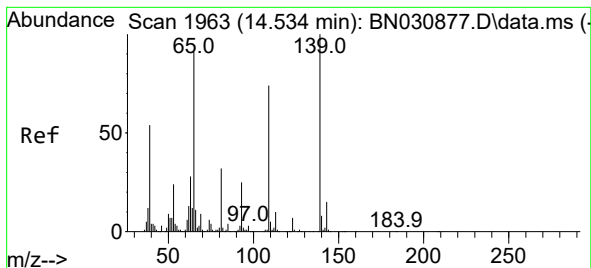
Tgt Ion:153 Resp: 835645
Ion Ratio Lower Upper
153 100
152 47.0 37.6 56.4
154 87.1 70.3 105.5



#53
2,4-Dinitrophenol
Concen: 32.464 ng/ul
RT: 14.428 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

Tgt Ion:184 Resp: 83261
Ion Ratio Lower Upper
184 100
63 60.3 49.9 74.9
154 61.4 49.5 74.3

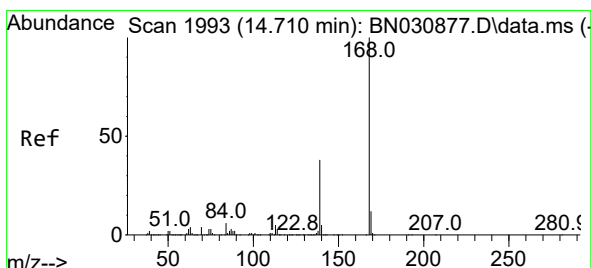
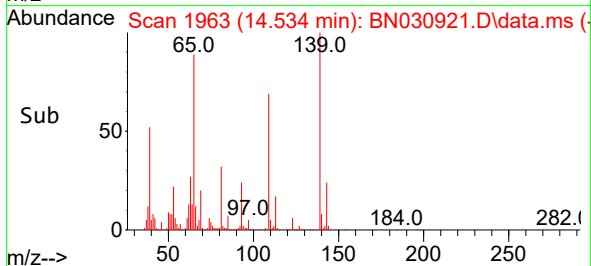
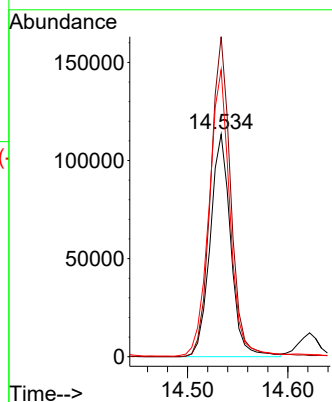
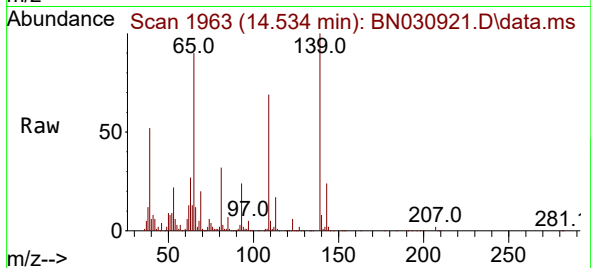




#55
4-Nitrophenol
Concen: 36.494 ng/ul
RT: 14.534 min Scan# 1963
Delta R.T. -0.000 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

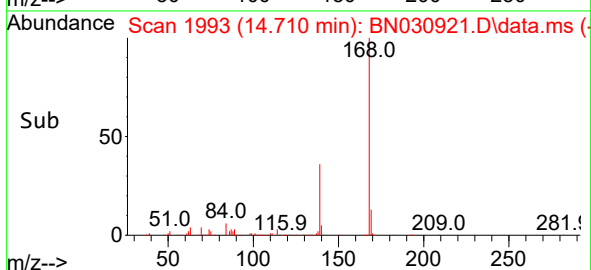
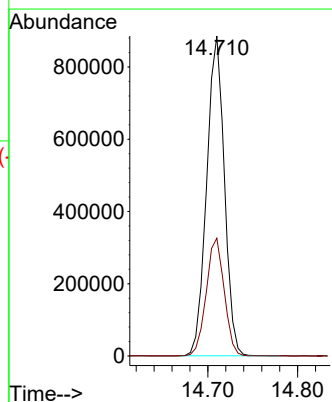
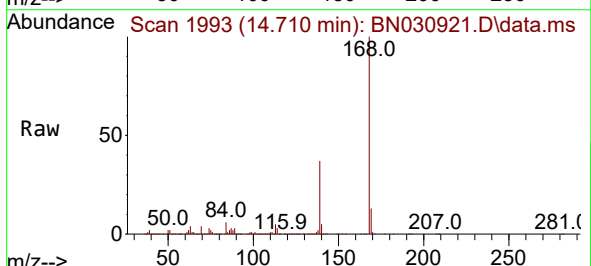
Instrument :
BNA_N
ClientSampleId :
SLCS204

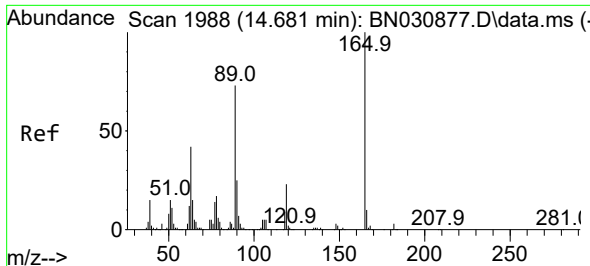
Tgt Ion:109 Resp: 161242
Ion Ratio Lower Upper
109 100
139 143.9 111.8 167.6
65 129.1 98.7 148.1



#56
Dibenzofuran
Concen: 33.830 ng/ul
RT: 14.710 min Scan# 1993
Delta R.T. -0.000 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

Tgt Ion:168 Resp: 1213776
Ion Ratio Lower Upper
168 100
139 36.8 30.2 45.4

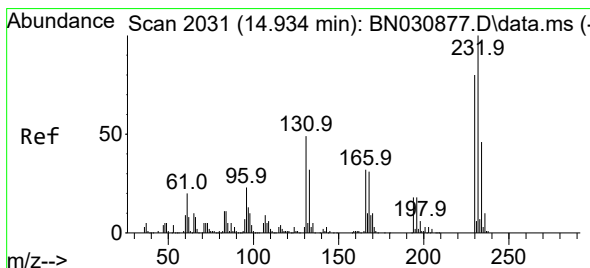
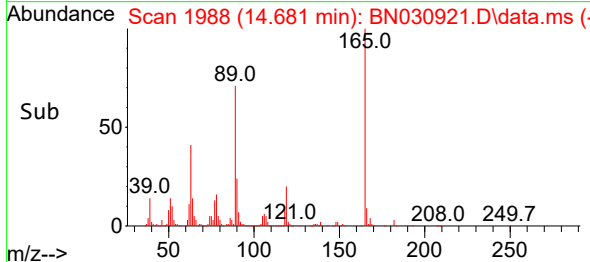
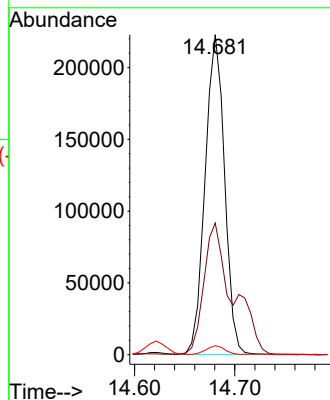
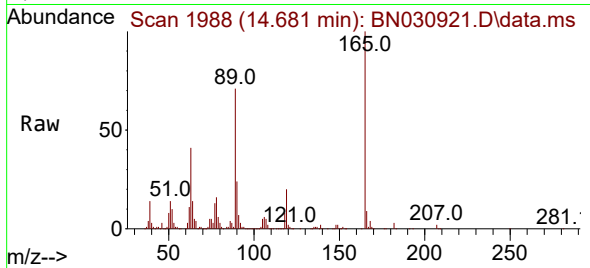




#57
2,4-Dinitrotoluene
Concen: 36.935 ng/ul
RT: 14.681 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

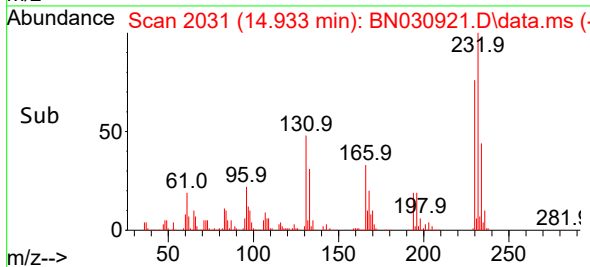
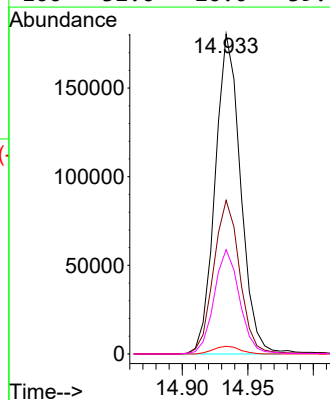
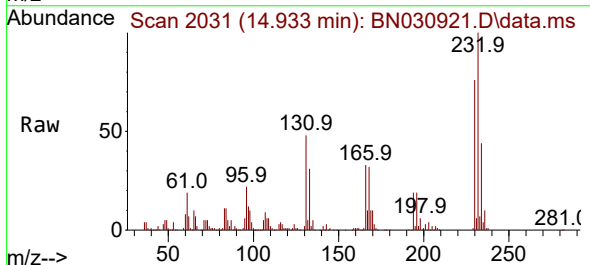
Instrument :
BNA_N
ClientSampleId :
SLCS204

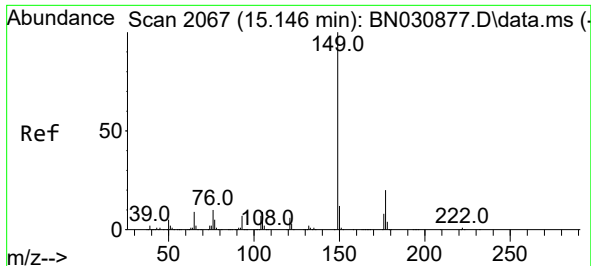
Tgt Ion:165 Resp: 301110
Ion Ratio Lower Upper
165 100
63 41.1 34.7 52.1
182 2.8 2.4 3.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 36.818 ng/ul
RT: 14.933 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

Tgt Ion:232 Resp: 243183
Ion Ratio Lower Upper
232 100
131 48.0 36.6 55.0
130 2.4 2.2 3.2
166 32.6 26.0 39.0

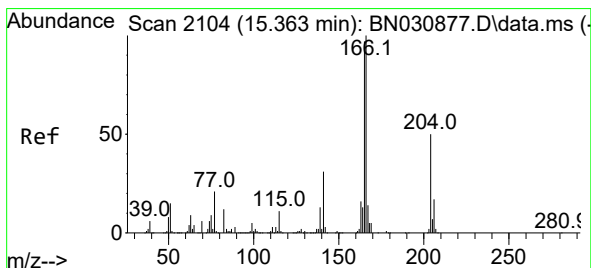
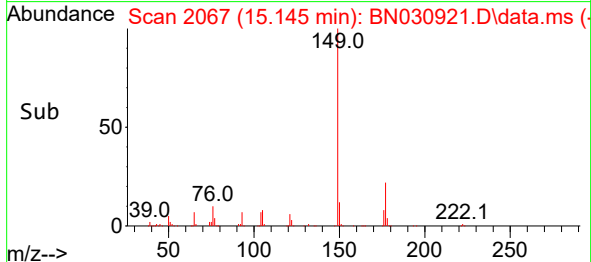
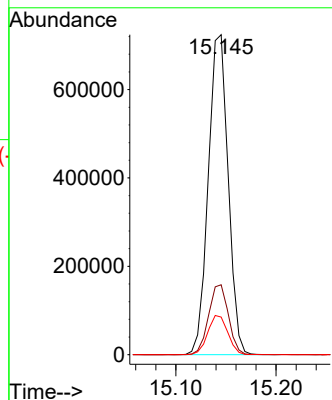
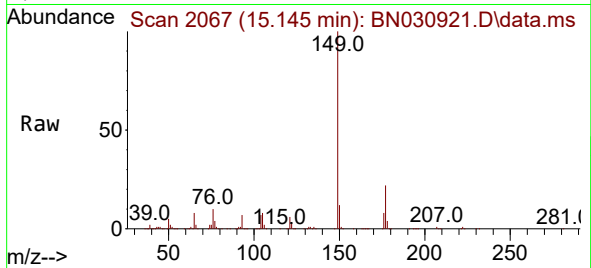




#59
Diethylphthalate
Concen: 32.677 ng/ul
RT: 15.145 min Scan# 2067
Delta R.T. -0.000 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

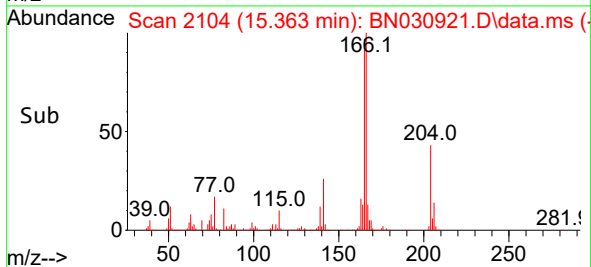
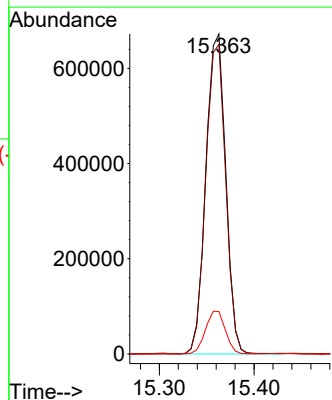
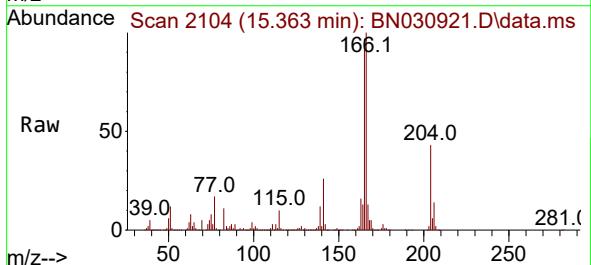
Instrument :
BNA_N
ClientSampleId :
SLCS204

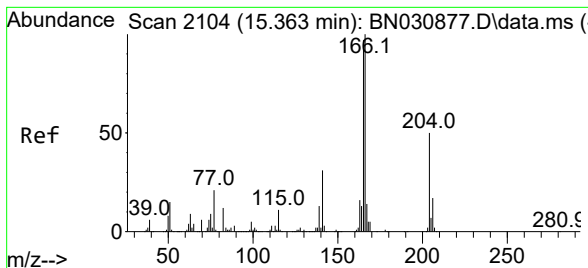
Tgt Ion:149 Resp: 999804
Ion Ratio Lower Upper
149 100
177 21.9 17.4 26.2
150 11.7 9.8 14.8



#61
Fluorene
Concen: 34.367 ng/ul
RT: 15.363 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

Tgt Ion:166 Resp: 980085
Ion Ratio Lower Upper
166 100
165 96.7 78.2 117.4
167 13.2 11.0 16.4

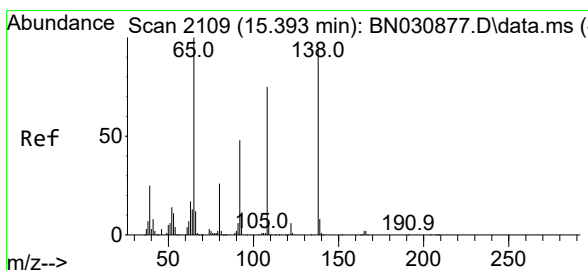
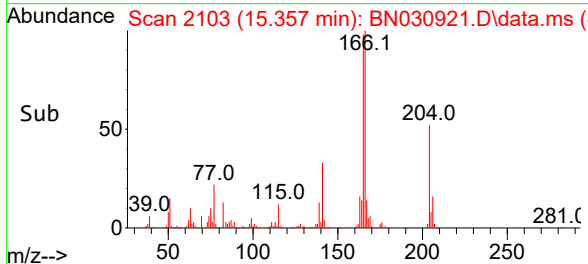
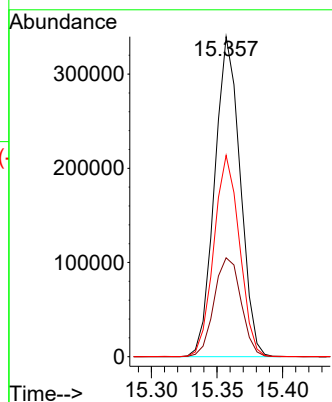
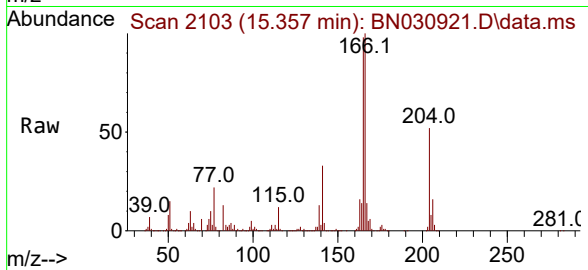




#62
4-Chlorophenyl-phenylether
Concen: 32.900 ng/ul
RT: 15.357 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

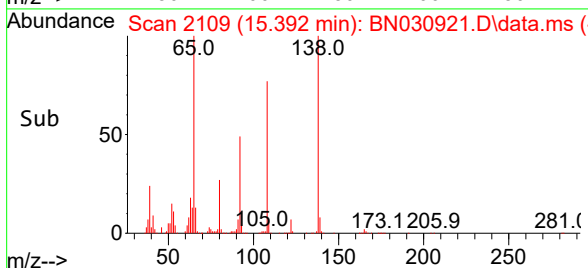
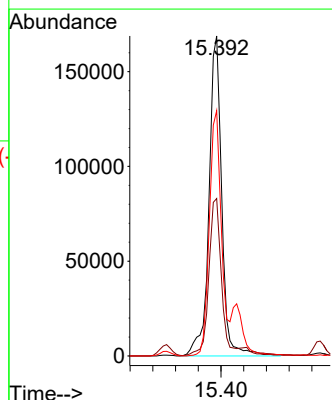
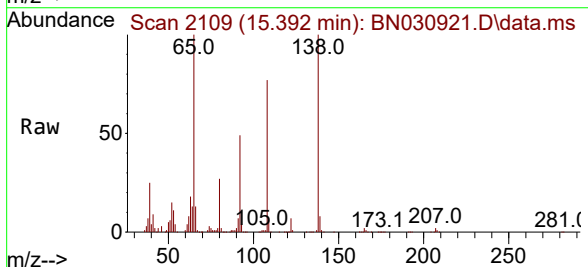
Instrument :
BNA_N
ClientSampleId :
SLCS204

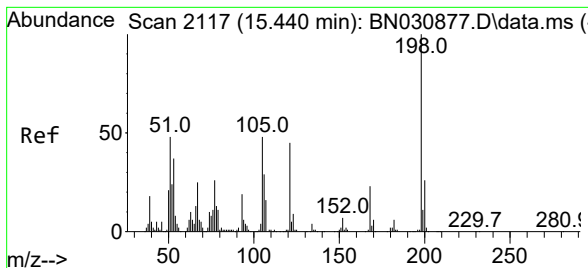
Tgt Ion:204 Resp: 460317
Ion Ratio Lower Upper
204 100
206 30.9 25.8 38.6
141 62.9 49.1 73.7



#63
4-Nitroaniline
Concen: 45.719 ng/ul
RT: 15.392 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

Tgt Ion:138 Resp: 263434
Ion Ratio Lower Upper
138 100
92 49.2 39.7 59.5
108 76.7 62.6 94.0

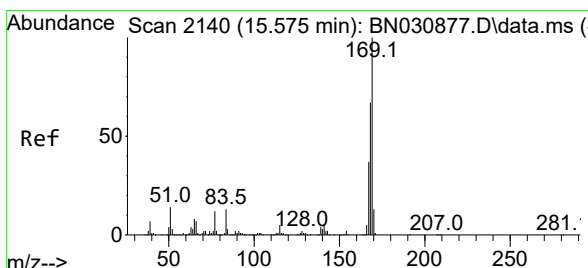
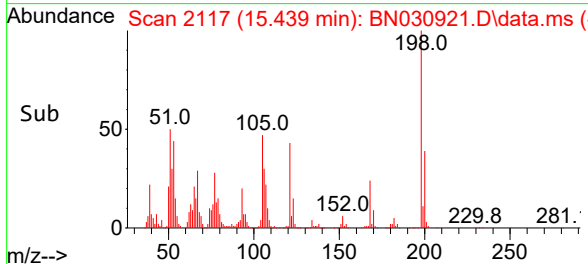
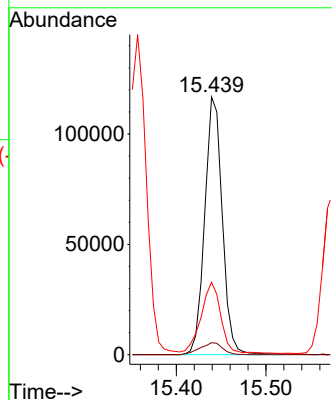
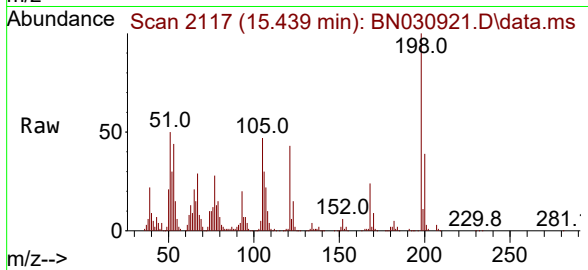




#66
 4,6-Dinitro-2-methylphenol
 Concen: 33.658 ng/ul
 RT: 15.439 min Scan# 2117
 Delta R.T. -0.000 min
 Lab File: BN030921.D
 Acq: 14 Apr 2024 18:56

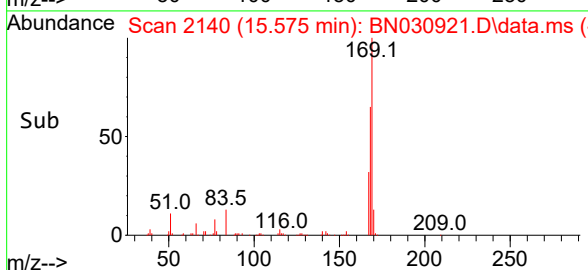
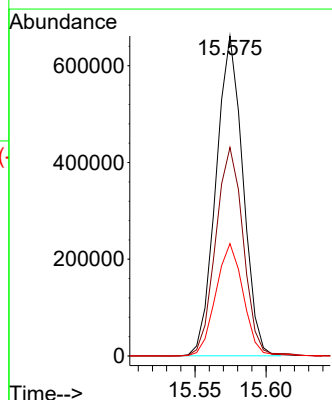
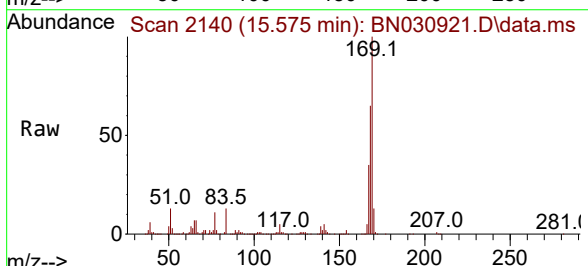
Instrument :
 BNA_N
 ClientSampleId :
 SLCS204

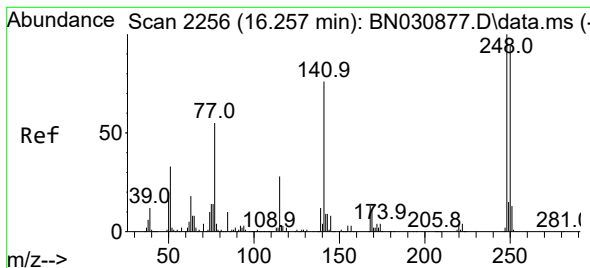
Tgt Ion:198 Resp: 158804
 Ion Ratio Lower Upper
 198 100
 182 4.7 3.6 5.4
 77 28.2 22.2 33.4



#67
 N-Nitrosodiphenylamine
 Concen: 32.165 ng/ul
 RT: 15.575 min Scan# 2140
 Delta R.T. -0.000 min
 Lab File: BN030921.D
 Acq: 14 Apr 2024 18:56

Tgt Ion:169 Resp: 871434
 Ion Ratio Lower Upper
 169 100
 168 65.2 51.9 77.9
 167 35.1 29.0 43.4

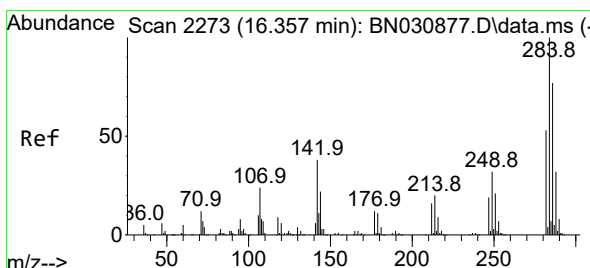
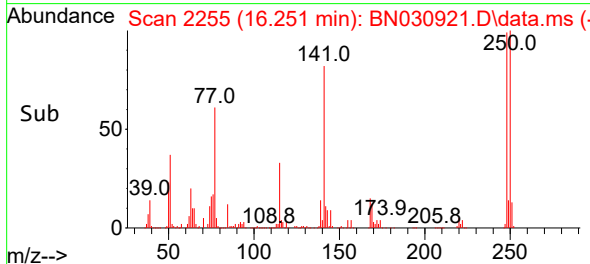
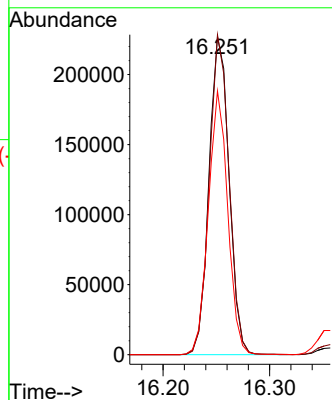
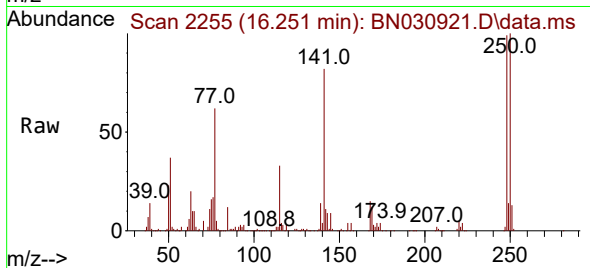




#68
4-Bromophenyl-phenylether
Concen: 31.546 ng/ul
RT: 16.251 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

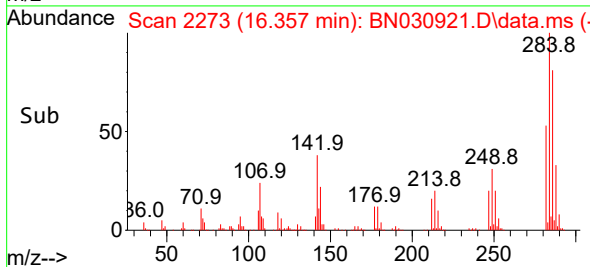
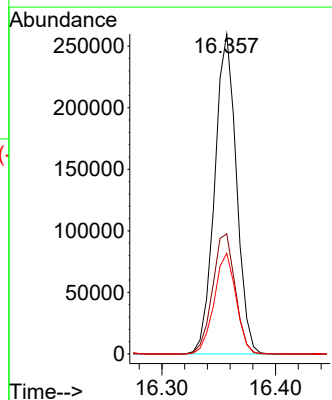
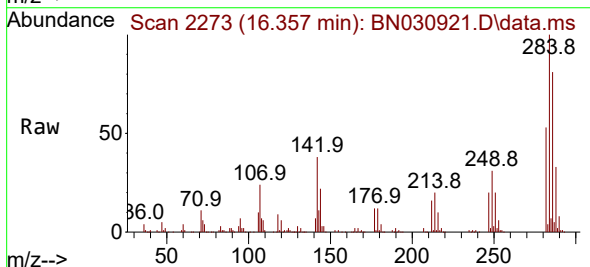
Instrument :
BNA_N
ClientSampleId :
SLCS204

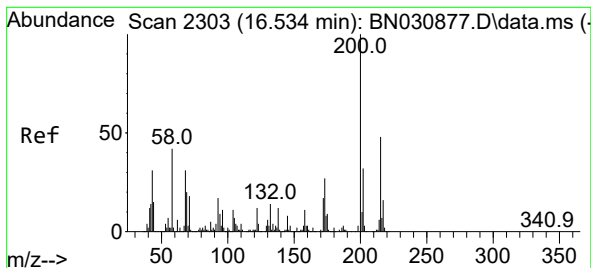
Tgt Ion:248 Resp: 297999
Ion Ratio Lower Upper
248 100
250 100.7 80.0 120.0
141 82.9 60.5 90.7



#69
Hexachlorobenzene
Concen: 31.031 ng/ul
RT: 16.357 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

Tgt Ion:284 Resp: 345173
Ion Ratio Lower Upper
284 100
142 37.5 28.6 43.0
249 31.5 25.0 37.4





#70

Atrazine

Concen: 31.636 ng/ul

RT: 16.533 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN030921.D

Acq: 14 Apr 2024 18:56

Instrument :

BNA_N

ClientSampleId :

SLCS204

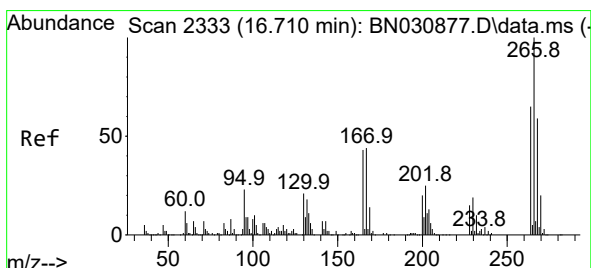
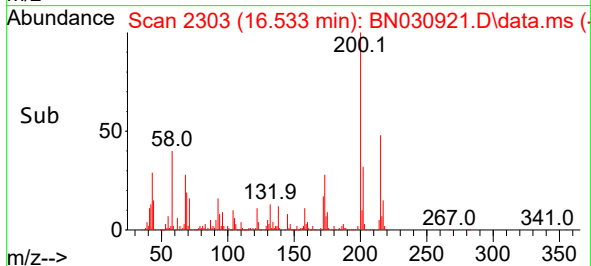
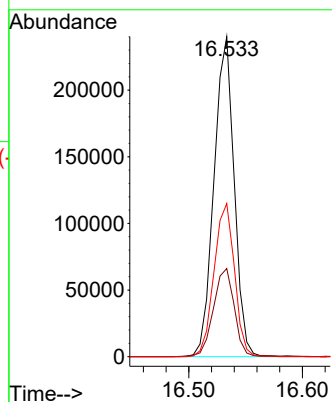
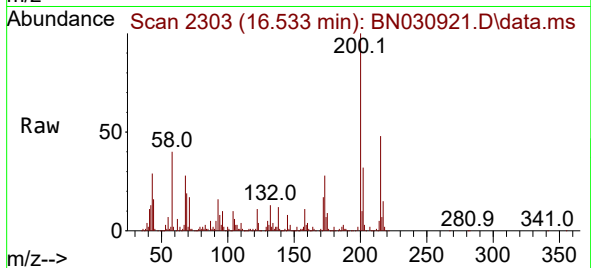
Tgt Ion:200 Resp: 297074

Ion Ratio Lower Upper

200 100

173 27.5 21.5 32.3

215 47.9 37.8 56.8



#71

Pentachlorophenol

Concen: 35.045 ng/ul

RT: 16.704 min Scan# 2332

Delta R.T. -0.006 min

Lab File: BN030921.D

Acq: 14 Apr 2024 18:56

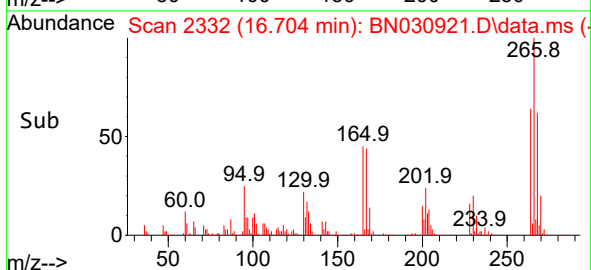
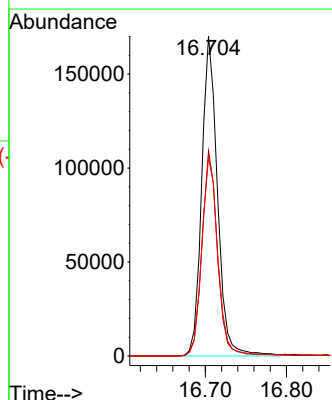
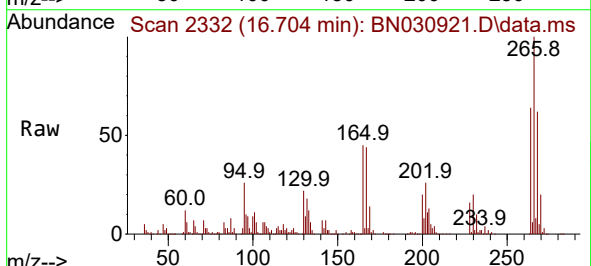
Tgt Ion:266 Resp: 229842

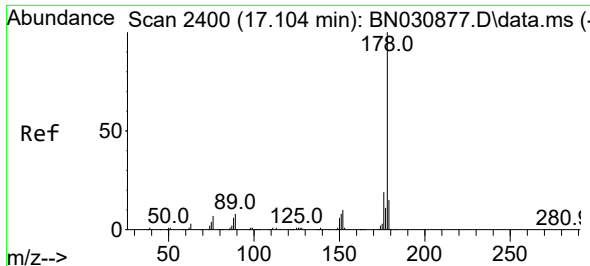
Ion Ratio Lower Upper

266 100

264 64.1 51.0 76.6

268 62.0 52.5 78.7

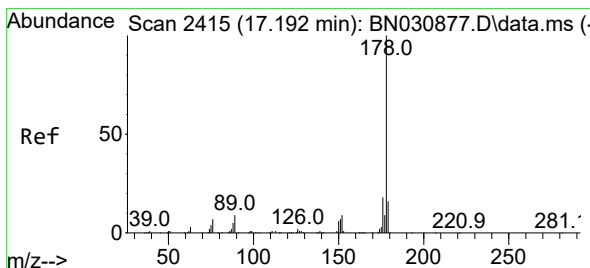
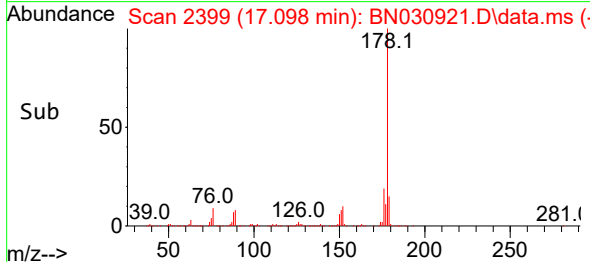
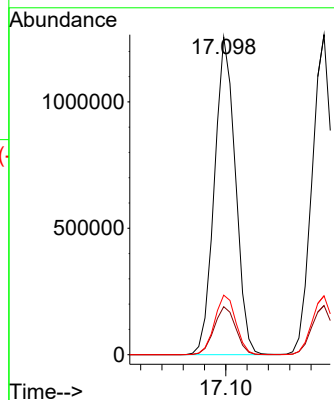
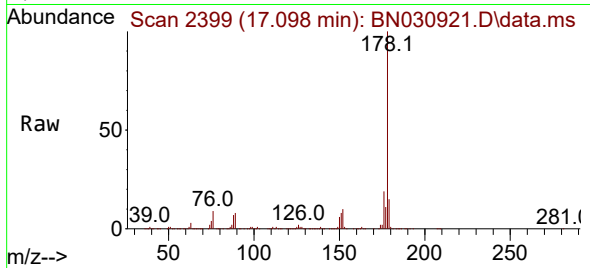




#72
Phenanthrene
Concen: 33.620 ng/ul
RT: 17.098 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

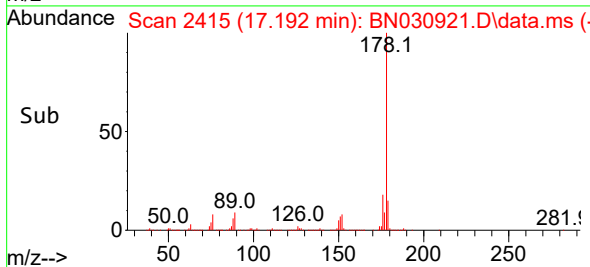
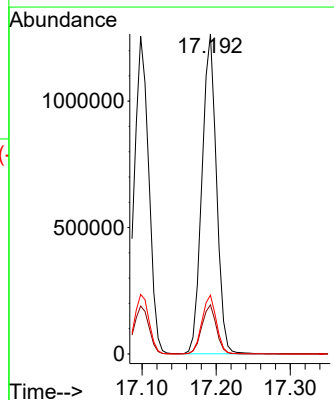
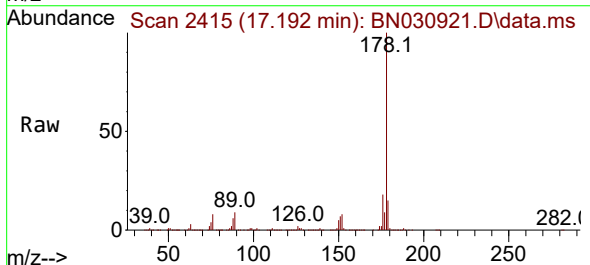
Instrument :
BNA_N
ClientSampleId :
SLCS204

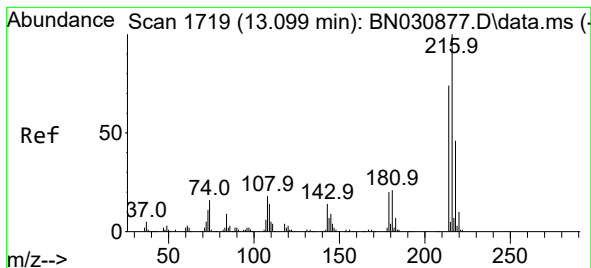
Tgt Ion:178 Resp: 1718362
Ion Ratio Lower Upper
178 100
179 15.1 12.4 18.6
176 18.7 15.0 22.6



#74
Anthracene
Concen: 33.314 ng/ul
RT: 17.192 min Scan# 2415
Delta R.T. -0.000 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

Tgt Ion:178 Resp: 1721320
Ion Ratio Lower Upper
178 100
179 15.4 12.0 18.0
176 18.4 15.0 22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 30.904 ng/uL

RT: 13.098 min Scan# 1719

Delta R.T. -0.000 min

Lab File: BN030921.D

Acq: 14 Apr 2024 18:56

Instrument :

BNA_N

ClientSampleId :

SLCS204

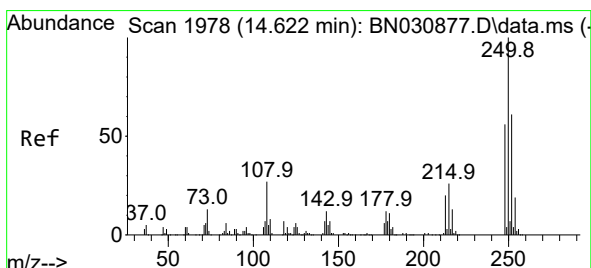
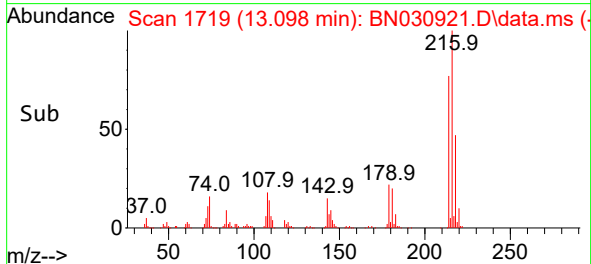
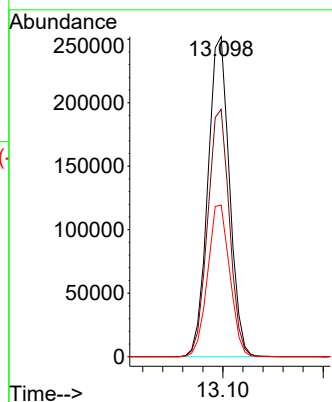
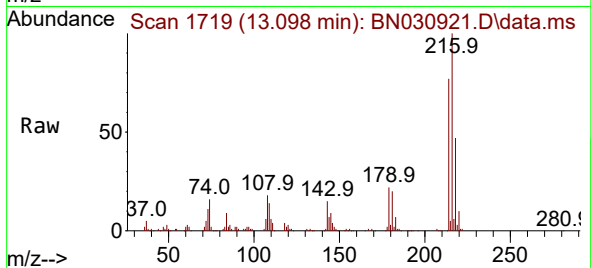
Tgt Ion:216 Resp: 377696

Ion Ratio Lower Upper

216 100

214 77.3 63.1 94.7

218 47.4 39.5 59.3



#76

Pentachlorobenzene

Concen: 30.899 ng/uL

RT: 14.622 min Scan# 1978

Delta R.T. -0.000 min

Lab File: BN030921.D

Acq: 14 Apr 2024 18:56

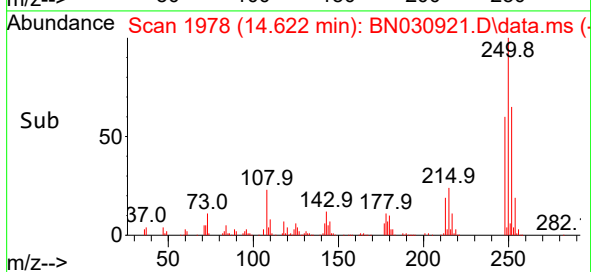
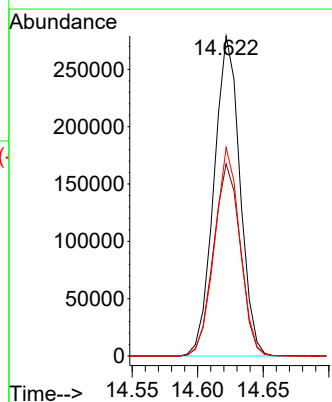
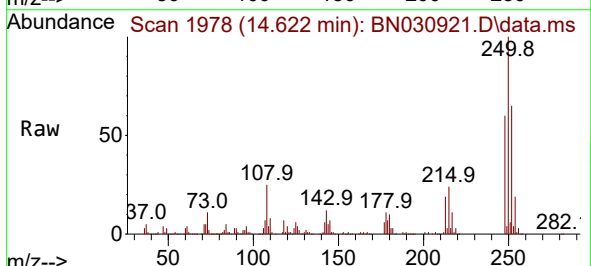
Tgt Ion:250 Resp: 383584

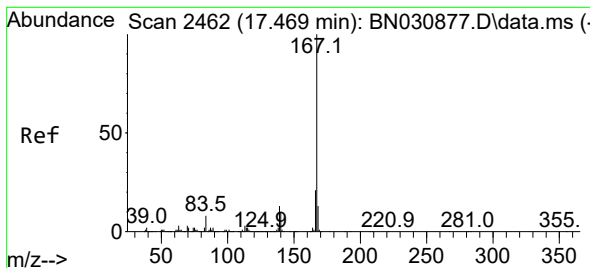
Ion Ratio Lower Upper

250 100

248 60.1 45.8 68.6

252 65.2 48.7 73.1





#77

Carbazole

Concen: 36.853 ng/ul

RT: 17.469 min Scan# 2462

Delta R.T. -0.000 min

Lab File: BN030921.D

Acq: 14 Apr 2024 18:56

Instrument :

BNA_N

ClientSampleId :

SLCS204

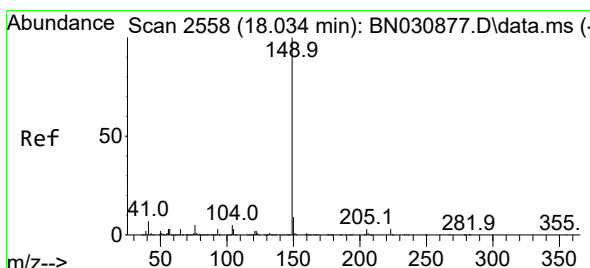
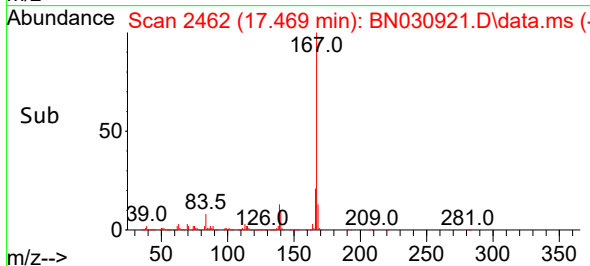
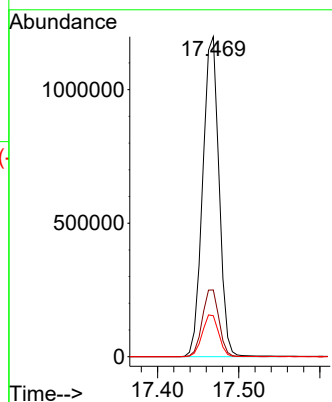
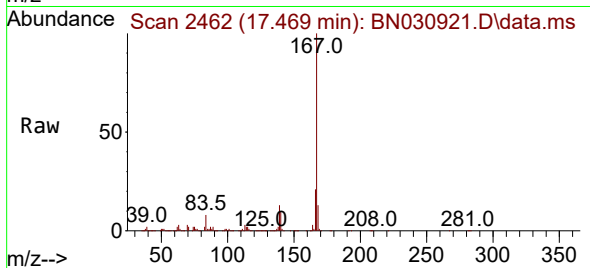
Tgt Ion:167 Resp: 1669892

Ion Ratio Lower Upper

167 100

166 20.9 16.6 24.8

139 12.8 10.5 15.7



#78

Di-n-butylphthalate

Concen: 35.287 ng/ul

RT: 18.033 min Scan# 2558

Delta R.T. -0.000 min

Lab File: BN030921.D

Acq: 14 Apr 2024 18:56

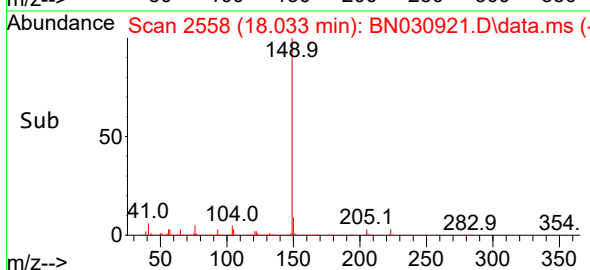
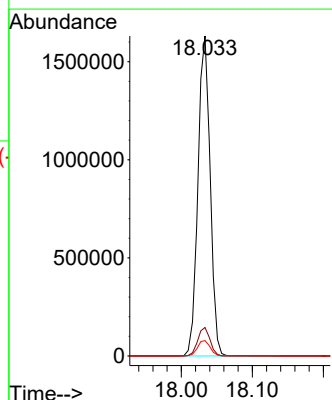
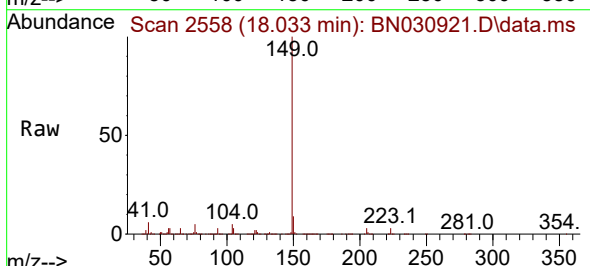
Tgt Ion:149 Resp: 1950568

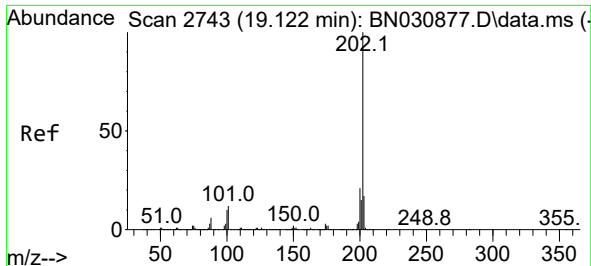
Ion Ratio Lower Upper

149 100

150 8.9 7.2 10.8

104 4.8 4.1 6.1

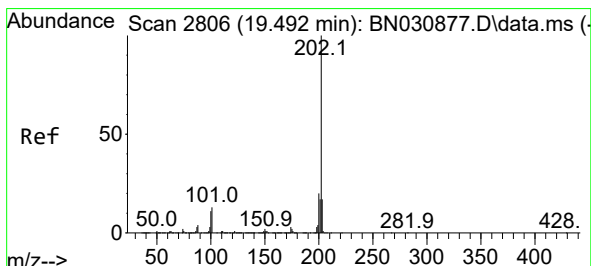
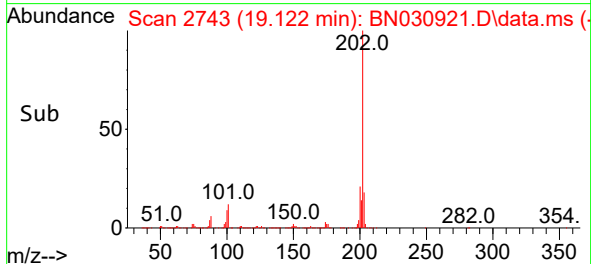
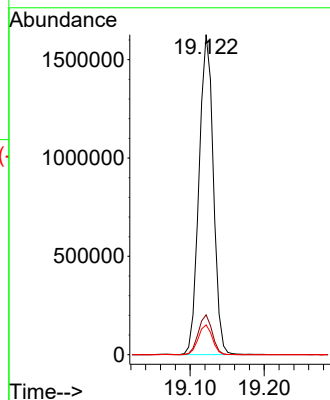
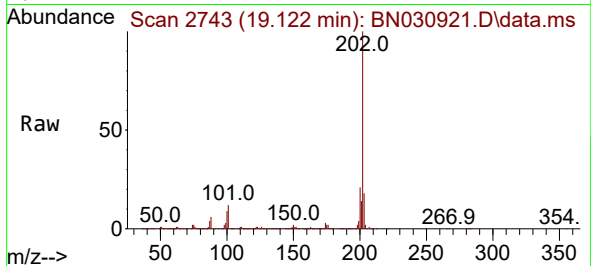




#80
Fluoranthene
Concen: 31.028 ng/ul
RT: 19.122 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

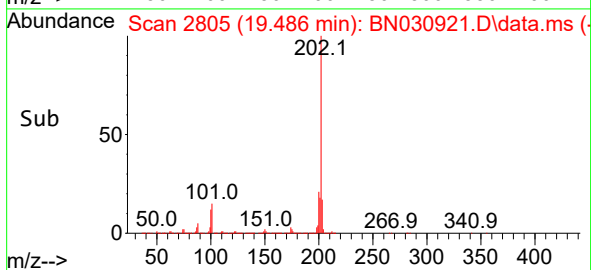
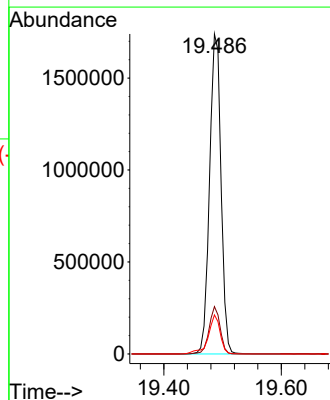
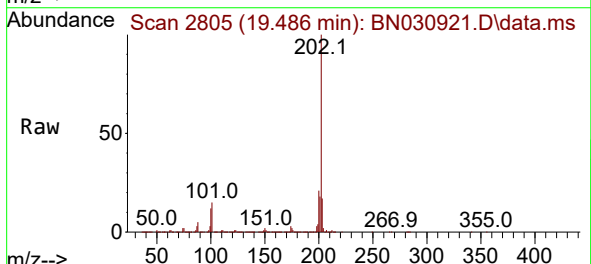
Instrument :
BNA_N
ClientSampleId :
SLCS204

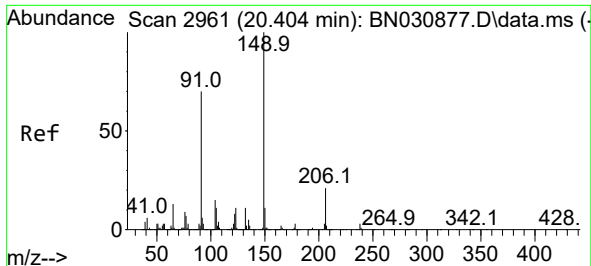
Tgt Ion:202 Resp: 2180899
Ion Ratio Lower Upper
202 100
101 12.4 9.0 13.6
100 9.3 6.8 10.2



#82
Pyrene
Concen: 31.523 ng/ul
RT: 19.486 min Scan# 2805
Delta R.T. -0.006 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

Tgt Ion:202 Resp: 2340049
Ion Ratio Lower Upper
202 100
101 14.8 11.3 16.9
100 12.2 9.2 13.8

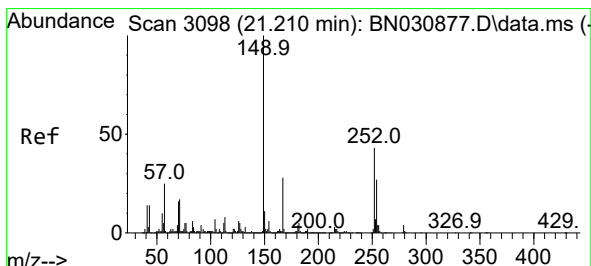
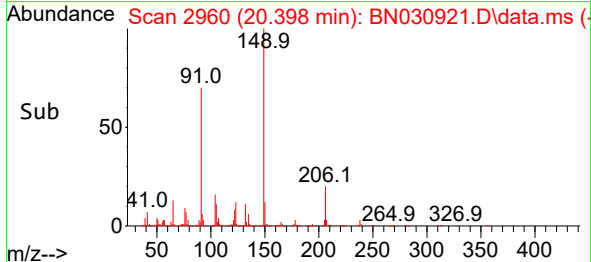
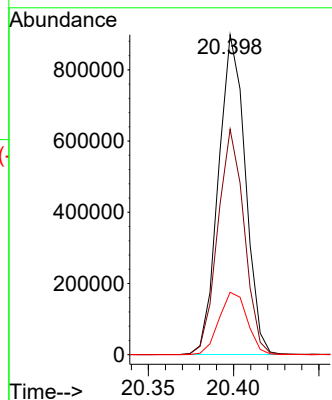
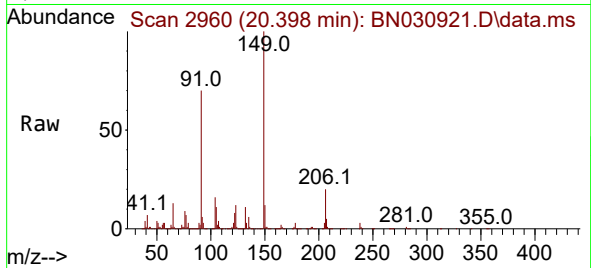




#83
Butylbenzylphthalate
Concen: 34.742 ng/ul
RT: 20.398 min Scan# 2960
Delta R.T. -0.006 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

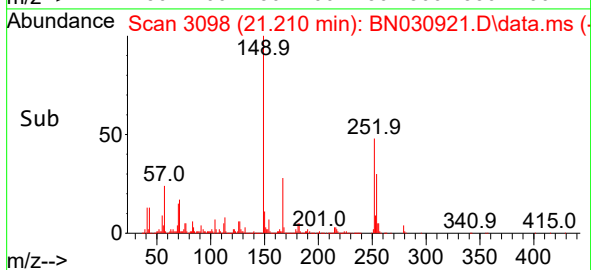
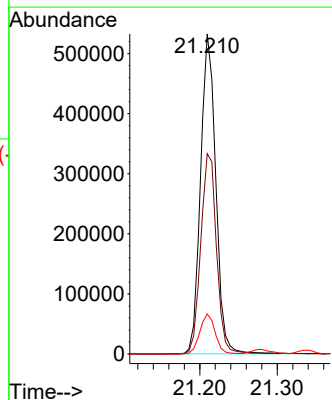
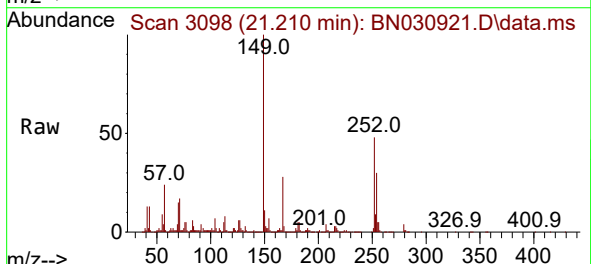
Instrument :
BNA_N
ClientSampleId :
SLCS204

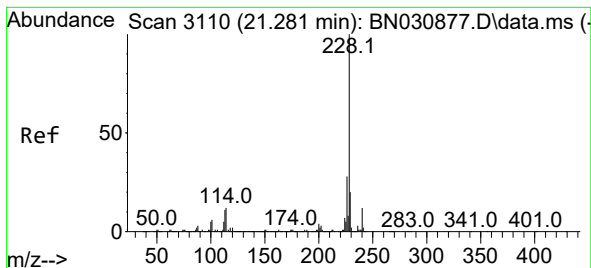
Tgt Ion:149 Resp: 984875
Ion Ratio Lower Upper
149 100
91 70.5 58.2 87.2
206 19.5 15.4 23.0



#84
3,3'-Dichlorobenzidine
Concen: 35.919 ng/ul
RT: 21.210 min Scan# 3098
Delta R.T. -0.000 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

Tgt Ion:252 Resp: 725855
Ion Ratio Lower Upper
252 100
254 62.6 51.1 76.7
126 12.5 9.3 13.9





#85

Benzo(a)anthracene

Concen: 33.277 ng/ul

RT: 21.280 min Scan# 3110

Delta R.T. -0.000 min

Lab File: BN030921.D

Acq: 14 Apr 2024 18:56

Instrument :

BNA_N

ClientSampleId :

SLCS204

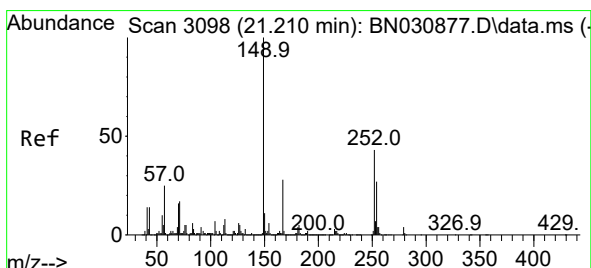
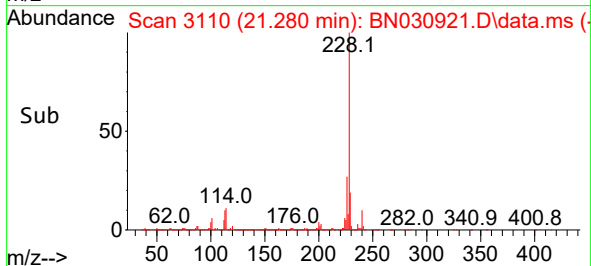
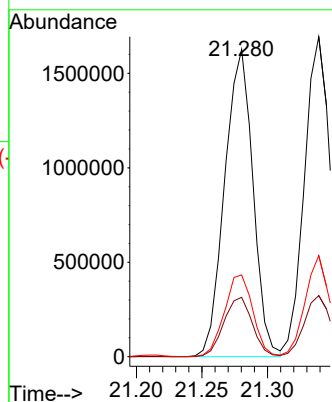
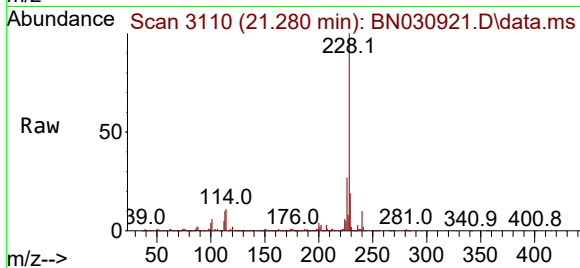
Tgt Ion:228 Resp: 2442419

Ion Ratio Lower Upper

228 100

229 19.3 15.8 23.6

226 26.6 20.5 30.7



#86

Bis(2-ethylhexyl)phthalate

Concen: 32.518 ng/ul

RT: 21.210 min Scan# 3098

Delta R.T. -0.000 min

Lab File: BN030921.D

Acq: 14 Apr 2024 18:56

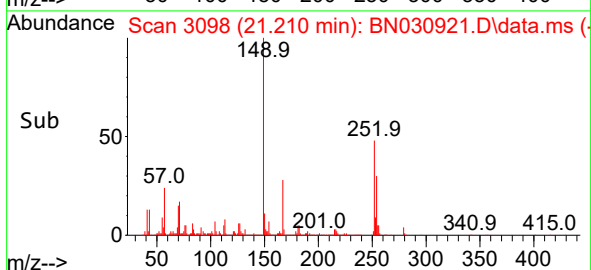
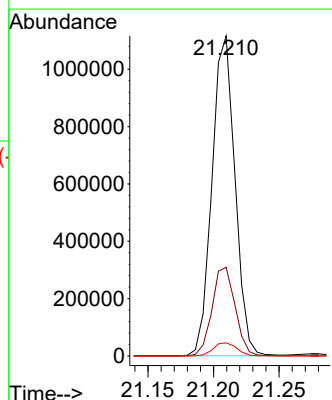
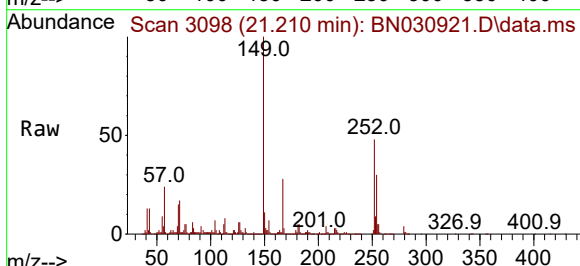
Tgt Ion:149 Resp: 1359445

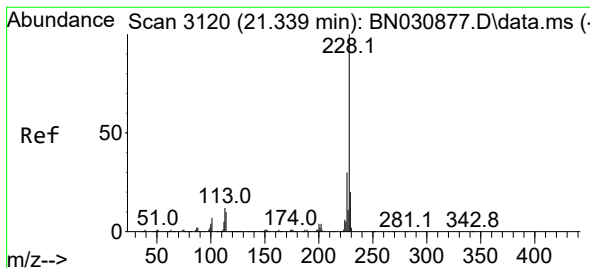
Ion Ratio Lower Upper

149 100

167 27.7 21.4 32.0

279 4.1 3.5 5.3





#87

Chrysene

Concen: 33.964 ng/ul

RT: 21.339 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN030921.D

Acq: 14 Apr 2024 18:56

Instrument :

BNA_N

ClientSampleId :

SLCS204

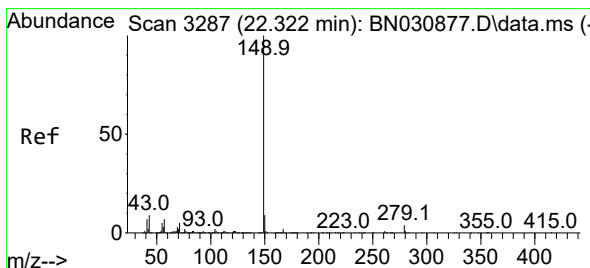
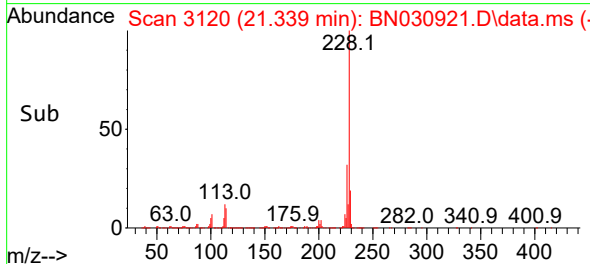
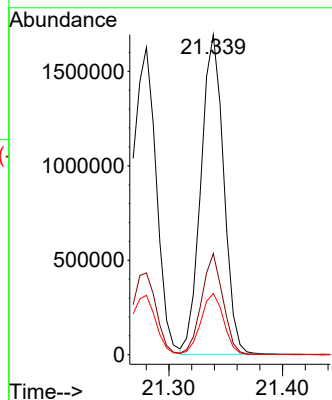
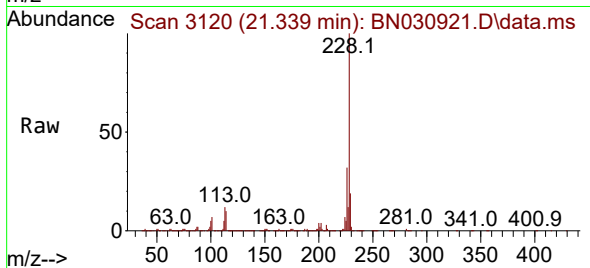
Tgt Ion:228 Resp: 2352967

Ion Ratio Lower Upper

228 100

226 31.6 24.3 36.5

229 19.1 15.9 23.9



#89

Di-n-octyl phthalate

Concen: 32.968 ng/ul

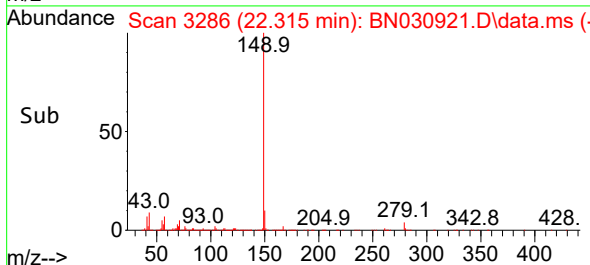
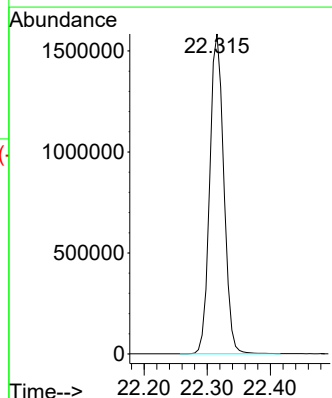
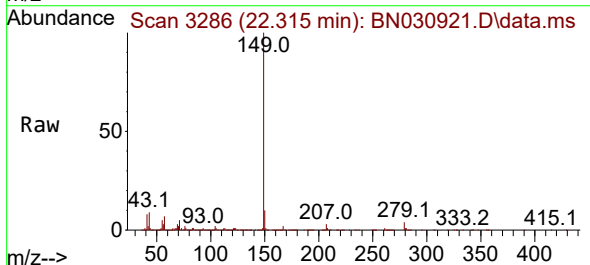
RT: 22.315 min Scan# 3286

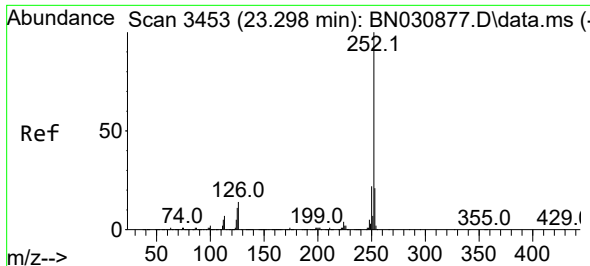
Delta R.T. -0.006 min

Lab File: BN030921.D

Acq: 14 Apr 2024 18:56

Tgt Ion:149 Resp: 2453380

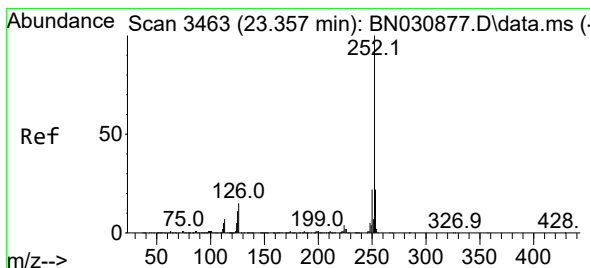
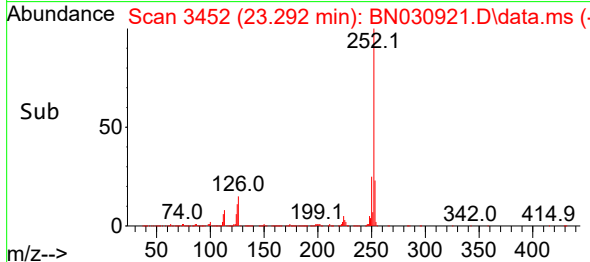
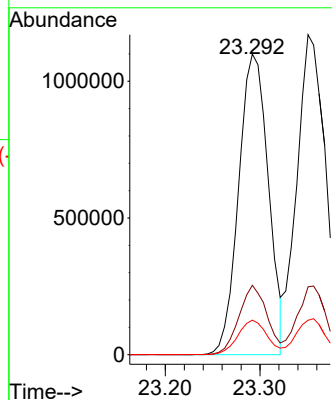
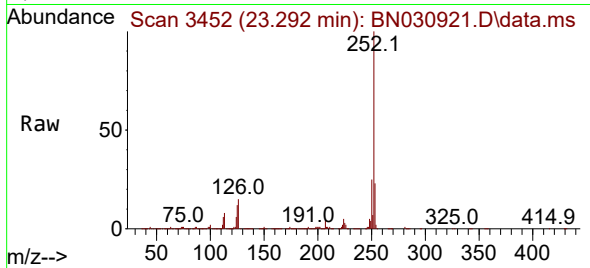




#90
Benzo(b)fluoranthene
Concen: 34.633 ng/ul
RT: 23.292 min Scan# 3453
Delta R.T. -0.006 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

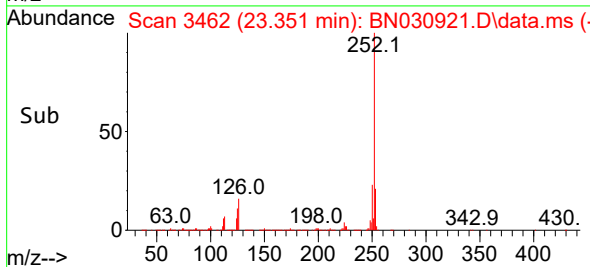
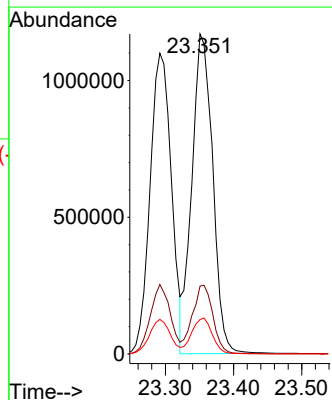
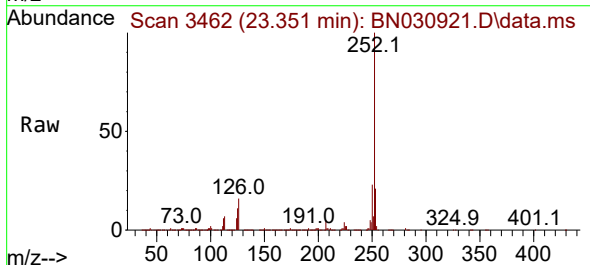
Instrument :
BNA_N
ClientSampleId :
SLCS204

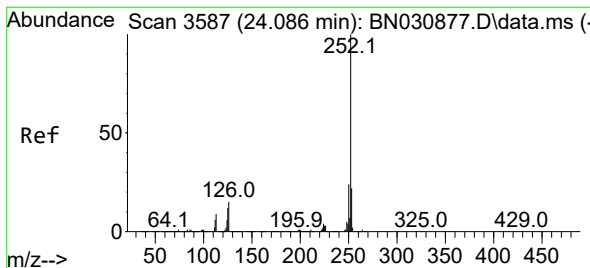
Tgt Ion:252 Resp: 2395109
Ion Ratio Lower Upper
252 100
253 23.1 16.7 25.1
125 11.5 8.5 12.7



#91
Benzo(k)fluoranthene
Concen: 35.250 ng/ul
RT: 23.351 min Scan# 3462
Delta R.T. -0.006 min
Lab File: BN030921.D
Acq: 14 Apr 2024 18:56

Tgt Ion:252 Resp: 2475755
Ion Ratio Lower Upper
252 100
253 21.2 16.9 25.3
125 10.7 8.5 12.7





#93

Benzo(a)pyrene

Concen: 31.014 ng/ul

RT: 24.080 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN030921.D

Acq: 14 Apr 2024 18:56

Instrument :

BNA_N

ClientSampleId :

SLCS204

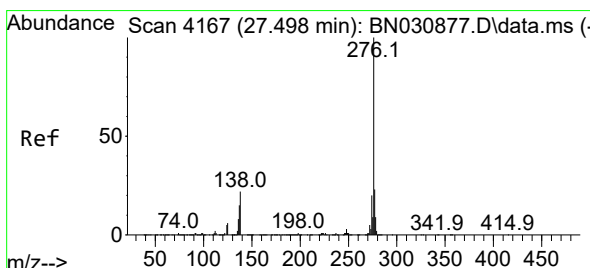
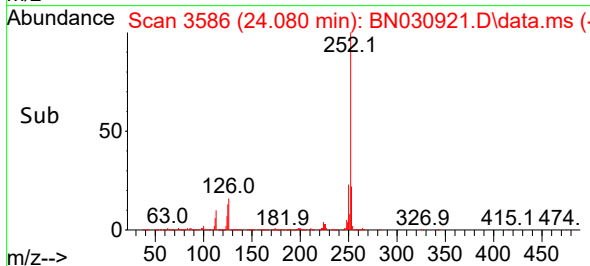
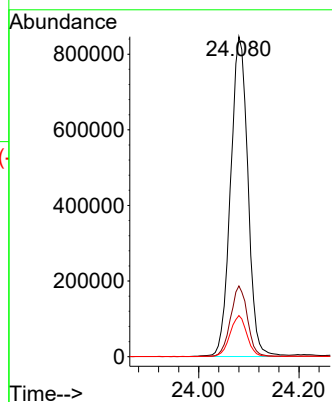
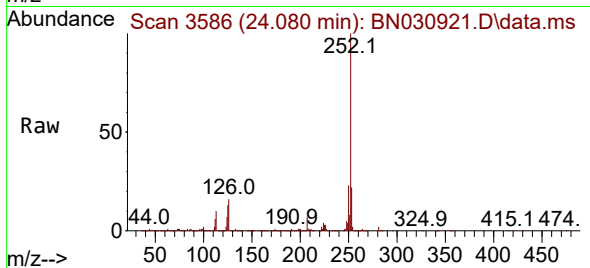
Tgt Ion:252 Resp: 2026123

Ion Ratio Lower Upper

252 100

253 22.1 16.7 25.1

125 12.9 9.6 14.4



#94

Indeno(1,2,3-cd)pyrene

Concen: 36.668 ng/ul

RT: 27.498 min Scan# 4167

Delta R.T. -0.000 min

Lab File: BN030921.D

Acq: 14 Apr 2024 18:56

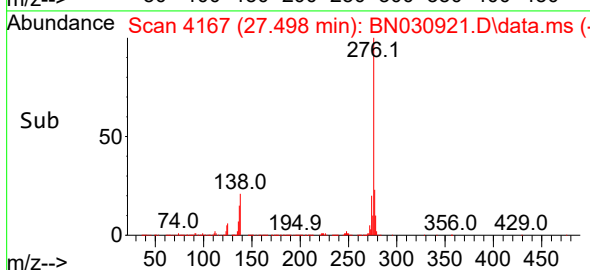
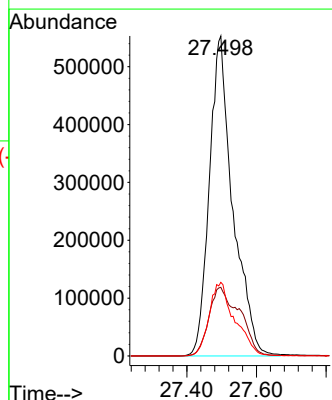
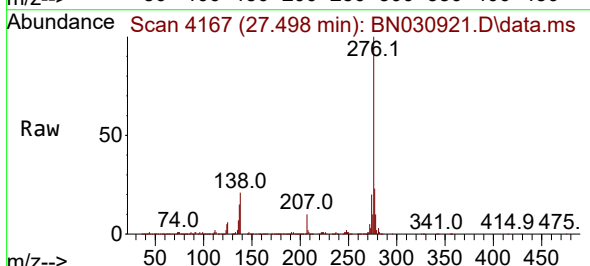
Tgt Ion:276 Resp: 2589471

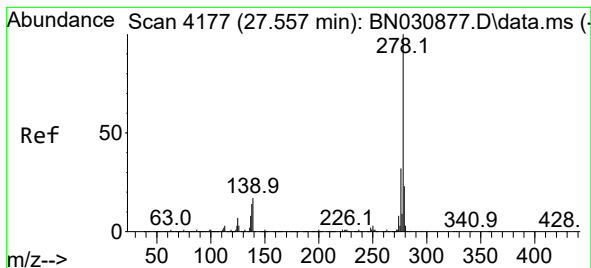
Ion Ratio Lower Upper

276 100

138 21.5 17.8 26.8

277 23.0 18.4 27.6





#95

Dibenzo(a,h)anthracene

Concen: 34.922 ng/ul

RT: 27.556 min Scan# 4177

Delta R.T. -0.000 min

Lab File: BN030921.D

Acq: 14 Apr 2024 18:56

Instrument :

BNA_N

ClientSampleId :

SLCS204

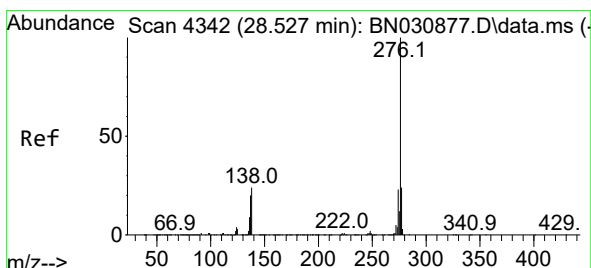
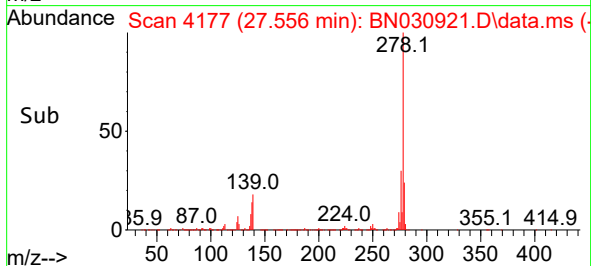
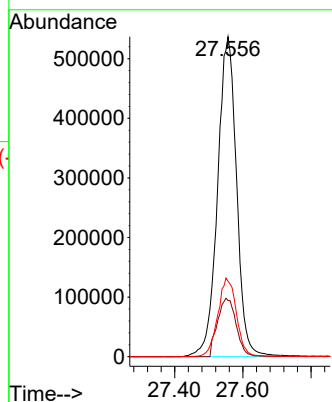
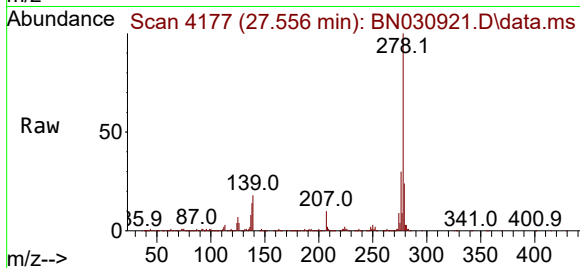
Tgt Ion:278 Resp: 2076126

Ion Ratio Lower Upper

278 100

139 17.6 13.2 19.8

279 23.6 17.4 26.2



#96

Benzo(g,h,i)perylene

Concen: 34.817 ng/ul

RT: 28.521 min Scan# 4341

Delta R.T. -0.006 min

Lab File: BN030921.D

Acq: 14 Apr 2024 18:56

Tgt Ion:276 Resp: 1930283

Ion Ratio Lower Upper

276 100

138 24.4 19.3 28.9

277 24.0 20.1 30.1

